

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120919\
 Data File : BF118145.D
 Acq On : 9 Dec 2019 15:27
 Operator : JU
 Sample : PB125313BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125313BS

Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:50:14 AM

Quant Time: Dec 10 01:04:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	208220	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	938933	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	497588	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	898577	20.00	ng	0.00
76) Chrysene-d12	14.07	240	587996	20.00	ng	0.00
87) Perylene-d12	15.56	264	353921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	1340058	112.72	ng	0.02
7) Phenol-d6	6.52	99	1661315	115.54	ng	0.02
23) Nitrobenzene-d5	7.44	82	864702	51.81	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	604074	99.93	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1769527	54.11	ng	0.00
79) Terphenyl-d14	13.00	244	1938546	56.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	123268	24.591	ng	99
3) Pyridine	3.51	79	288939	22.342	ng	99
4) n-Nitrosodimethylamine	3.45	42	195414	35.124	ng	99
6) Aniline	6.54	93	458436	24.924	ng	100
8) 2-Chlorophenol	6.66	128	561295	41.872	ng	97
9) Benzaldehyde	6.42	77	67573	4.306	ng	98
10) Phenol	6.53	94	641653	39.129	ng	86
11) bis(2-Chloroethyl)ether	6.61	93	489184	41.246	ng	97
12) 1,3-Dichlorobenzene	6.81	146	525193	33.538	ng	98
13) 1,4-Dichlorobenzene	6.89	146	544444	34.527	ng	99
14) 1,2-Dichlorobenzene	7.05	146	531829	35.914	ng	99
15) Benzyl Alcohol	7.02	79	477565	42.547	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	553330	38.802	ng	94
17) 2-Methylphenol	7.13	107	455056	42.681	ng	95
18) Hexachloroethane	7.38	117	199268	34.296	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	362162	41.448	ng	99
20) 3+4-Methylphenols	7.29	107	556790	41.576	ng	# 89
22) Acetophenone	7.29	105	753647	33.410	ng	98
24) Nitrobenzene	7.46	77	556818	33.957	ng	98
25) Isophorone	7.70	82	1017571	35.966	ng	98
26) 2-Nitrophenol	7.77	139	317442	36.220	ng	96
27) 2,4-Dimethylphenol	7.82	122	501681	42.913	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	621630	33.624	ng	99
29) 2,4-Dichlorophenol	8.02	162	478609	35.118	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	508601	31.933	ng	98
31) Naphthalene	8.18	128	1600587	33.943	ng	99
32) Benzoic acid	7.97	122	391009	37.043	ng	96
33) 4-Chloroaniline	8.23	127	423221	20.786	ng	100
34) Hexachlorobutadiene	8.29	225	296515	31.046	ng	98
35) Caprolactam	8.62	113	160248m	38.128	ng	
36) 4-Chloro-3-methylphenol	8.72	107	511502	35.664	ng	99
37) 2-Methylnaphthalene	8.87	142	1111396	34.813	ng	99
38) 1-Methylnaphthalene	8.97	142	1033698	34.485	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	491540	32.609	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	331409	49.070	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	353695	35.143	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	372365	35.711	nq	99
46) 1,1'-Biphenyl	9.34	154	1337770	34.088	nq	98
47) 2-Chloronaphthalene	9.37	162	1035602	32.805	nq	97
48) 2-Nitroaniline	9.46	65	296588	32.945	nq	97
49) Acenaphthylene	9.79	152	1587138	34.087	nq	99
50) Dimethylphthalate	9.65	163	1263256	34.371	nq	99
51) 2,6-Dinitrotoluene	9.71	165	279249	34.941	nq	99
52) Acenaphthene	9.96	154	939002	33.041	nq	98
53) 3-Nitroaniline	9.88	138	225924	24.021	nq	99
54) 2,4-Dinitrophenol	9.99	184	300049	75.463	nq	97
55) Dibenzofuran	10.13	168	1415213	33.985	nq	99
56) 4-Nitrophenol	10.06	139	449406	68.852	nq	93
57) 2,4-Dinitrotoluene	10.12	165	370116	34.697	nq	95
58) Fluorene	10.47	166	1114111	33.666	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	307921	35.794	nq	98
60) Diethylphthalate	10.35	149	1251736	34.567	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	558290	33.529	nq	97
62) 4-Nitroaniline	10.50	138	274763	28.010	nq	97
63) Azobenzene	10.63	77	1061048	34.324	nq	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	196933	39.685	nq	89
66) n-Nitrosodiphenylamine	10.59	169	1003363	35.756	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	359040	35.003	nq	# 90
68) Hexachlorobenzene	11.03	284	407299	33.736	nq	# 91
69) Atrazine	11.12	200	295230	37.196	nq	97
70) Pentachlorophenol	11.22	266	437897	77.126	nq	99
71) Phenanthrene	11.44	178	1651297	34.570	nq	99
72) Anthracene	11.49	178	1652645	34.682	nq	98
73) Carbazole	11.65	167	1452148	33.965	nq	99
74) Di-n-butylphthalate	11.97	149	1891711	35.354	nq	99
75) Fluoranthene	12.63	202	1645939	33.702	nq	98
77) Benzidine	12.75	184	69754	4.506	nq	99
78) Pyrene	12.86	202	1623551	35.038	nq	100
80) Butylbenzylphthalate	13.47	149	745053	35.504	nq	99
81) Benzo(a)anthracene	14.06	228	1335291	32.842	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	389394	29.162	nq	100
83) Chrysene	14.10	228	1252981	32.262	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	1019677	36.850	nq	100
85) Di-n-octyl phthalate	14.65	149	1505827	35.924	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	1051218	32.169	nq	100
88) Benzo(b)fluoranthene	15.12	252	1109298	47.391	nq	97
89) Benzo(k)fluoranthene	15.15	252	1031543	45.874	nq	99
90) Benzo(a)pyrene	15.50	252	911308	44.082	nq	98
91) Dibenzo(a,h)anthracene	17.09	278	899625	50.736	nq	100
92) Benzo(g,h,i)perylene	17.53	276	898641	52.741	nq	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

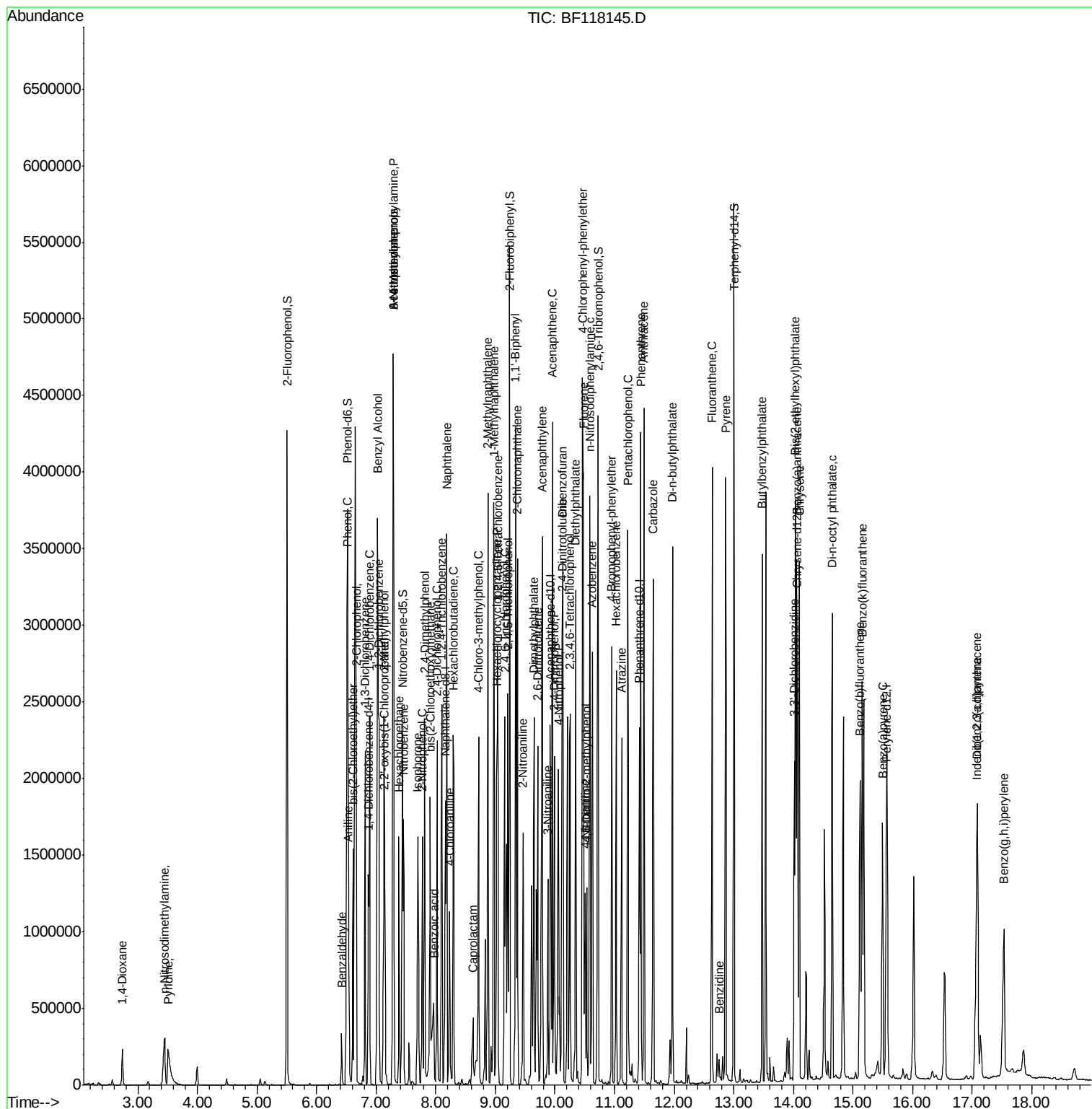
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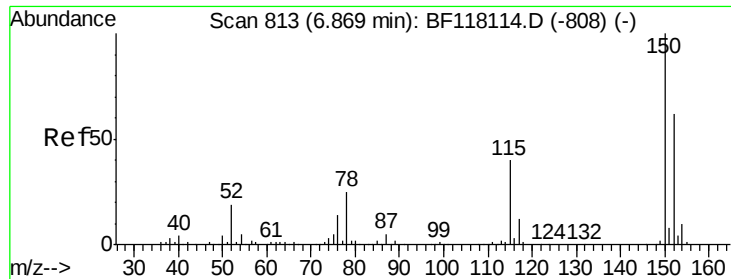
Instrument :
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#1

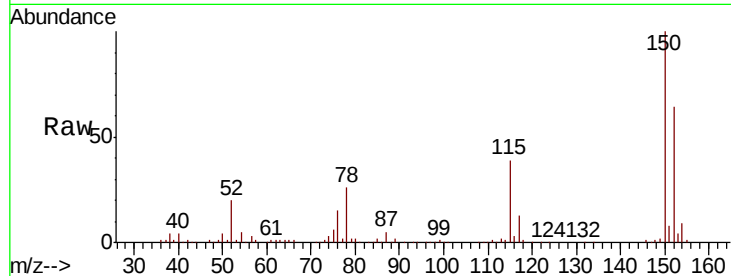
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	128.3	192.5
115	61.7	51.1	76.7

Manual Integrations
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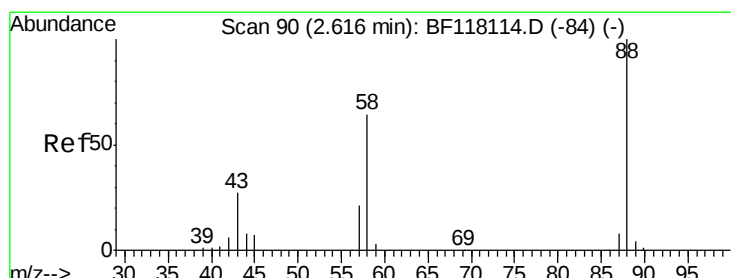
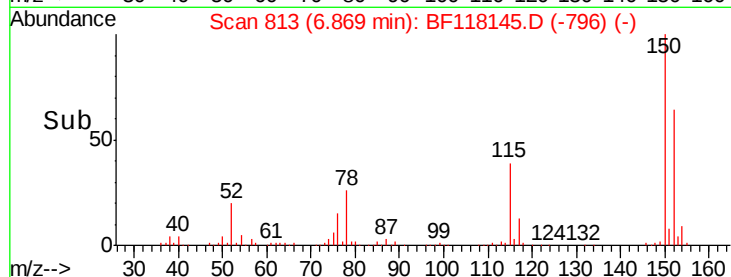
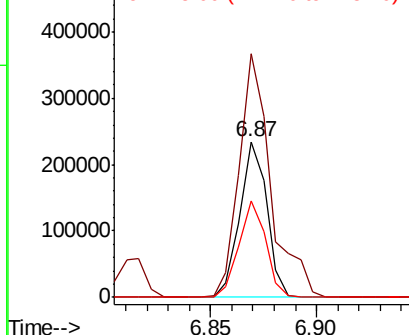


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

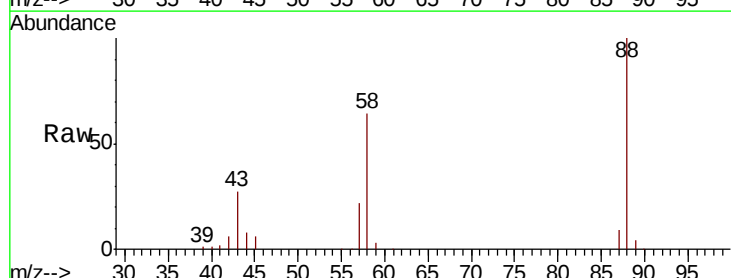
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 24.591 ng
RT: 2.74 min Scan# 111
Delta R.T. 0.12 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	52.2	78.4
43	27.8	21.4	32.2

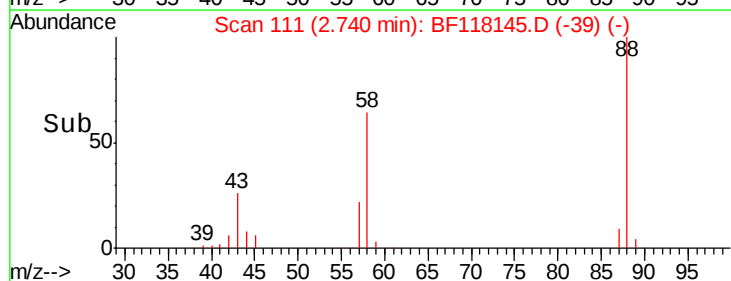
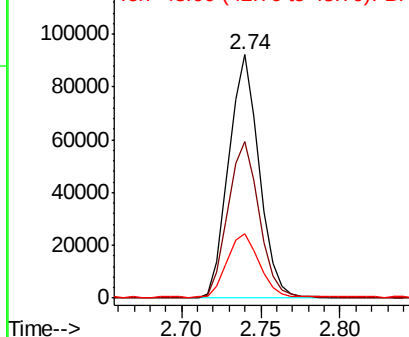


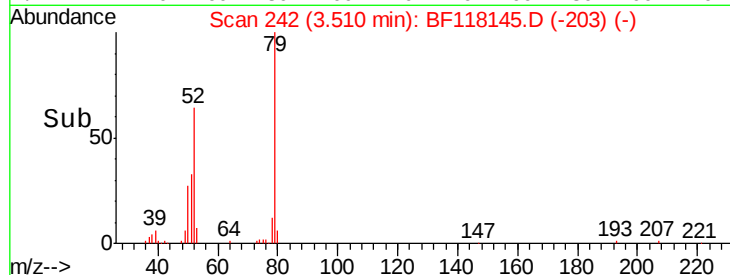
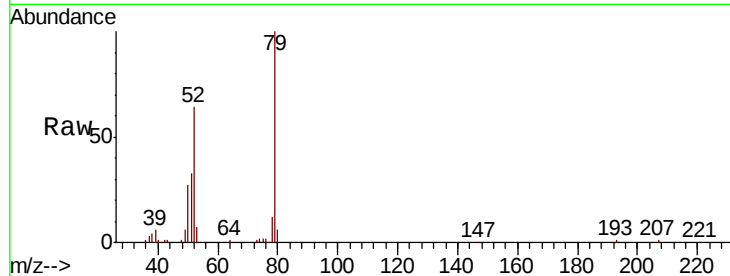
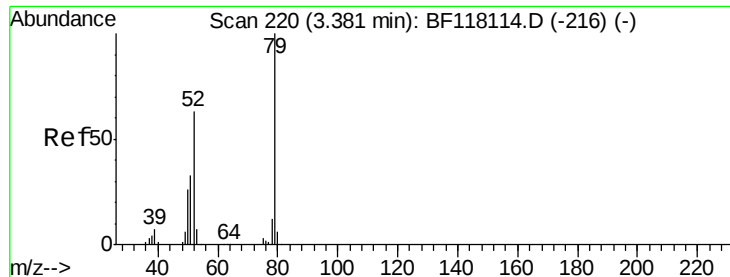
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





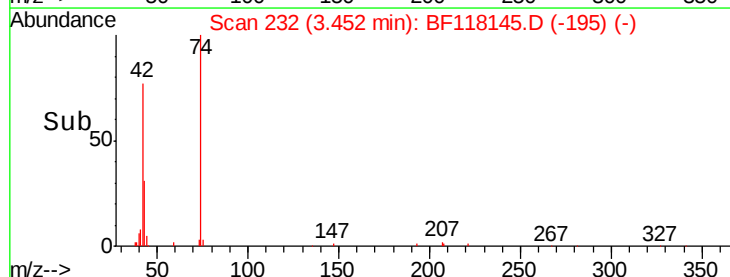
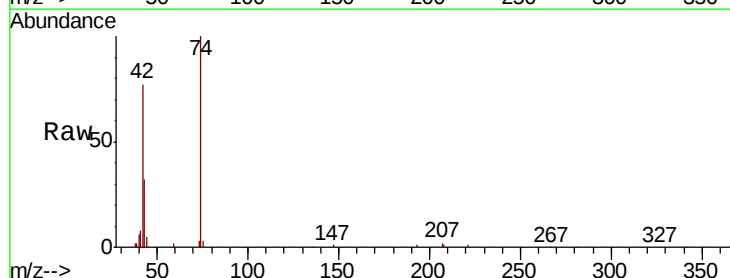
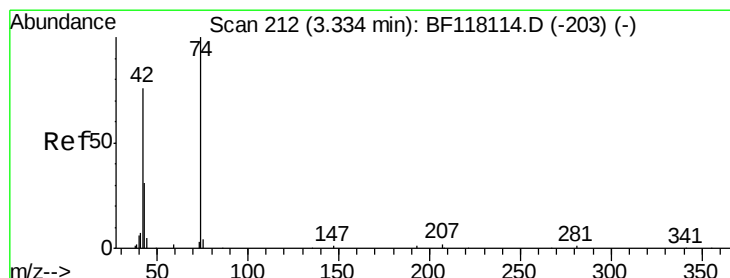
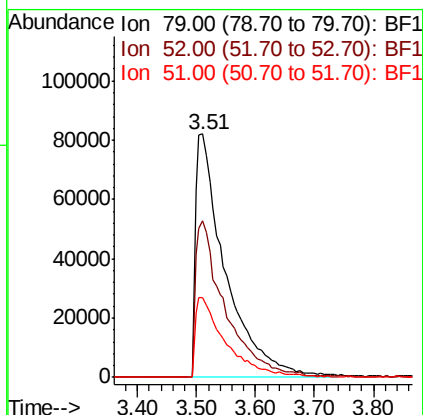
#3
 Pvridine
 Concen: 22.342 ng
 RT: 3.51 min Scan# 242
 Delta R.T. 0.13 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tot Ion:	79	Resp:	288939
Ion Ratio	Lower	Upper	
79	100		
52	64.4	50.7	76.1
51	32.7	26.4	39.6

Instrument :
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 PB125313BS

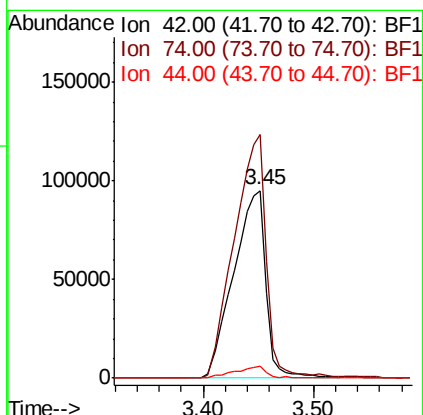
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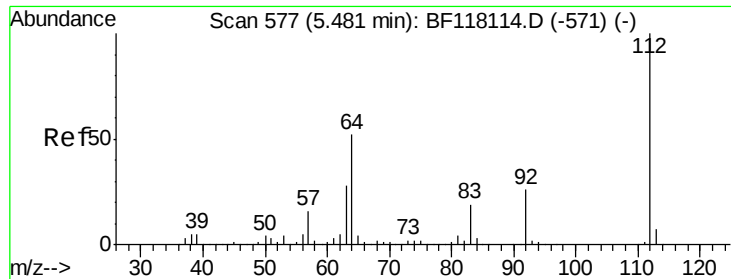
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#4
 n-Nitrosodimethylamine
 Concen: 35.124 ng
 RT: 3.45 min Scan# 232
 Delta R.T. 0.12 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tgt Ion:	42	Resp:	195414
Ion Ratio	Lower	Upper	
42	100		
74	130.0	104.6	157.0
44	6.4	5.1	7.7





#5

2-Fluorophenol

Concen: 112.720 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB125313BS

Tot Ion:112 Resp: 1340058

Ion Ratio Lower Upper

112 100

64 55.2 41.3 61.9

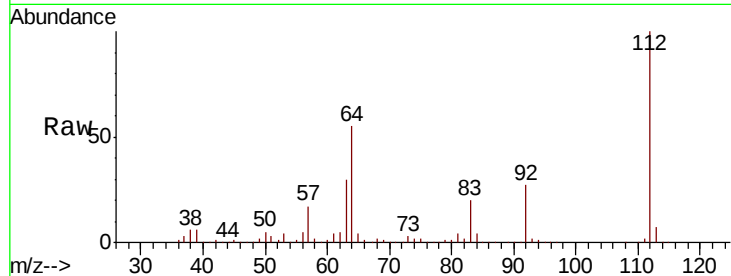
63 30.4 22.4 33.6

Manual Integrations

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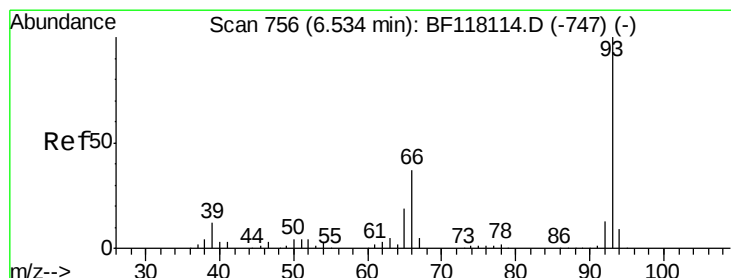
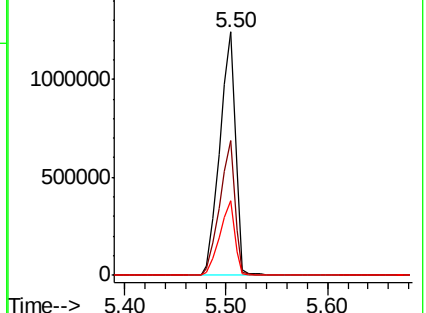
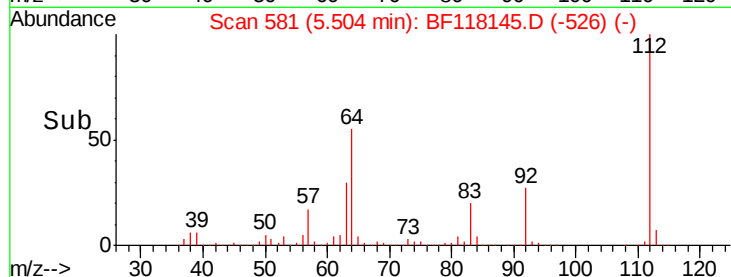
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.924 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

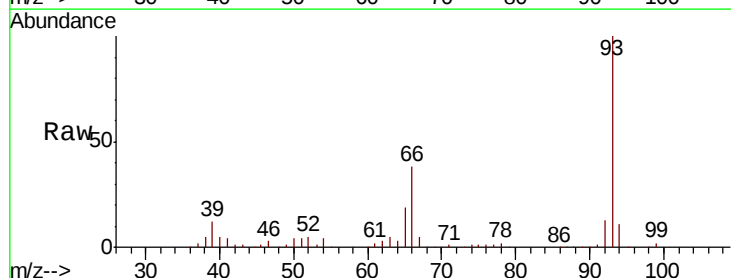
Tgt Ion: 93 Resp: 458436

Ion Ratio Lower Upper

93 100

66 38.0 30.2 45.2

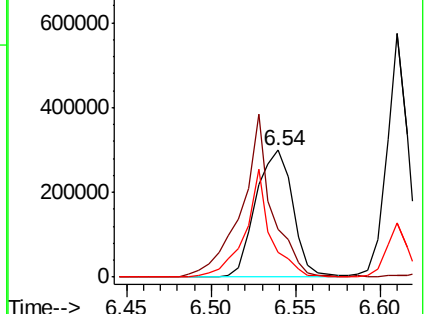
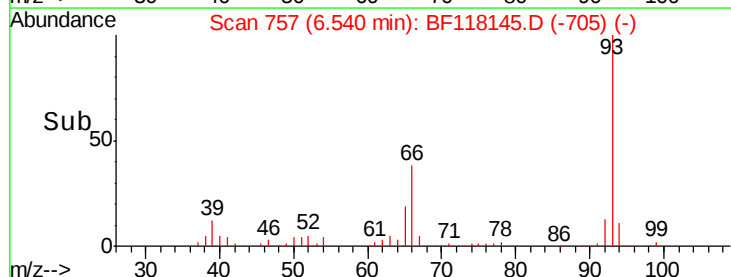
65 19.5 15.5 23.3

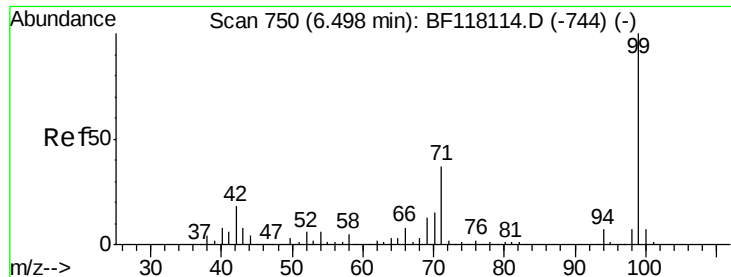


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 115.535 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.02 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

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ClientSampleId :

PB125313BS

Tot Ion: 99 Resp: 1661315

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

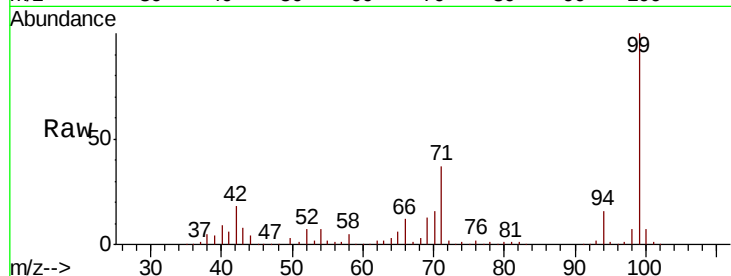
71 37.5 29.7 44.5

Manual Integrations

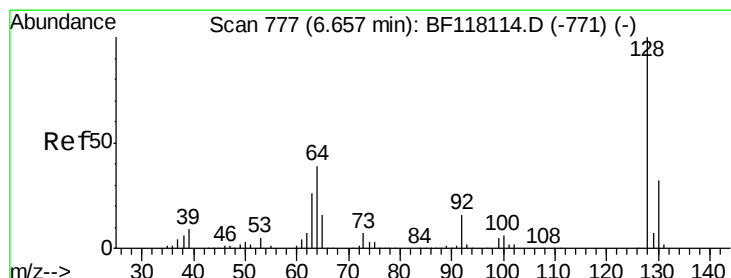
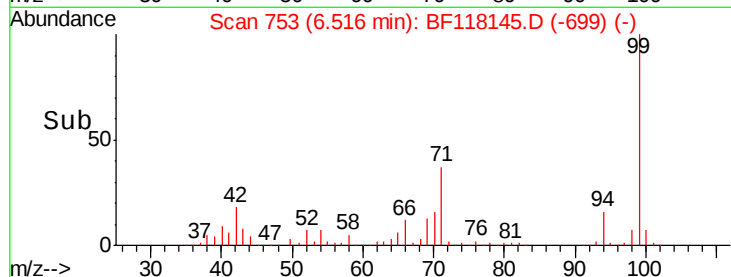
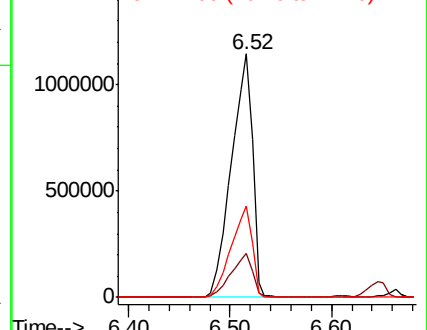
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.872 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

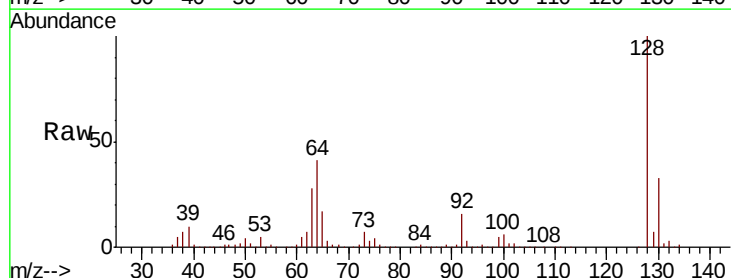
Tgt Ion: 128 Resp: 561295

Ion Ratio Lower Upper

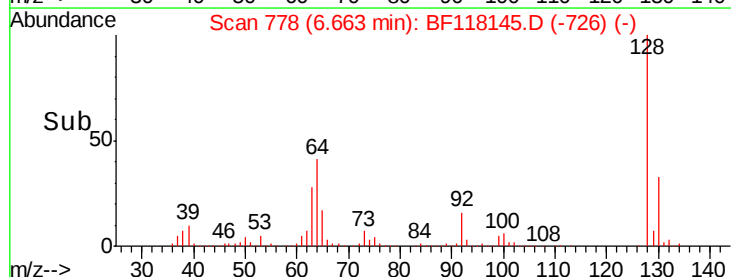
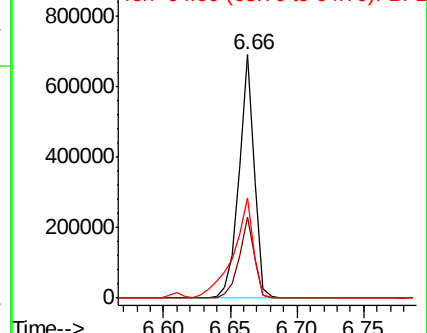
128 100

130 33.4 12.1 52.1

64 41.4 19.3 59.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





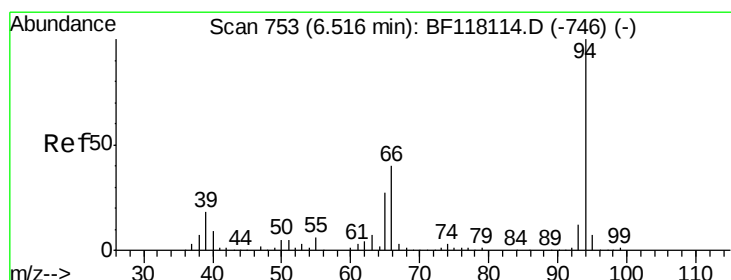
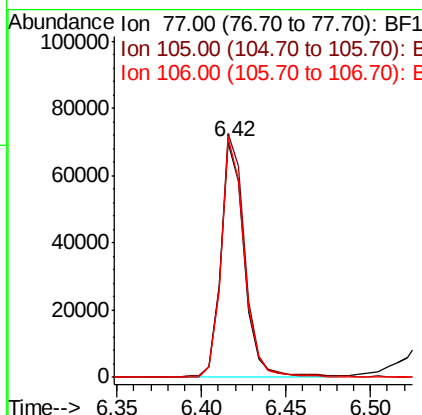
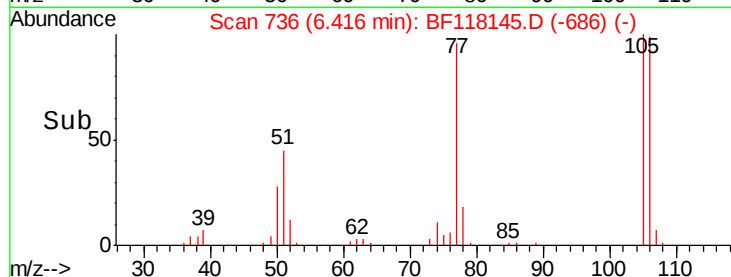
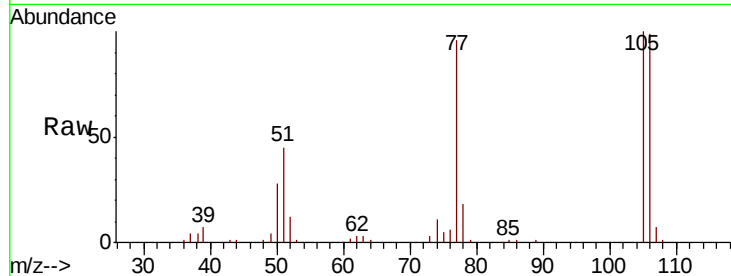
#9
Benzaldehyde
Concen: 4.306 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleID :
PB125313BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.7	86.4	126.4
106	102.2	83.8	123.8

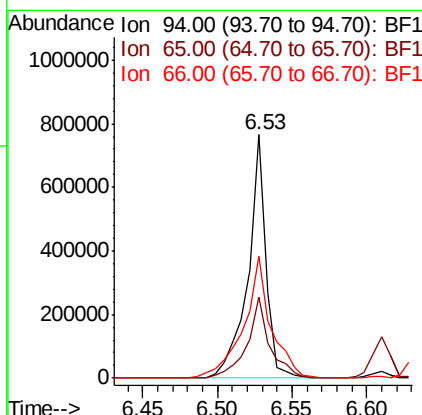
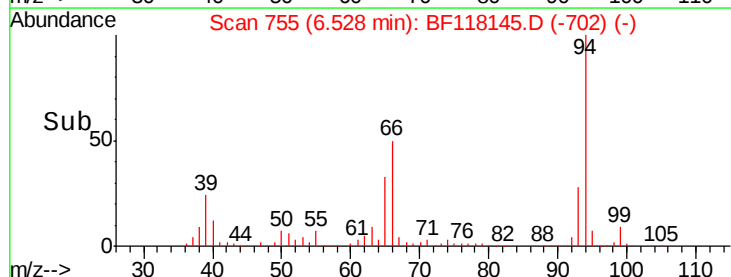
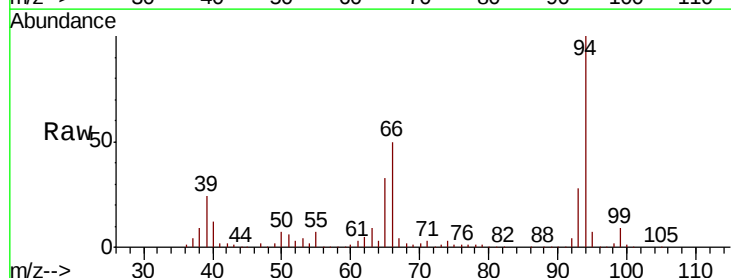
Manual Integrations
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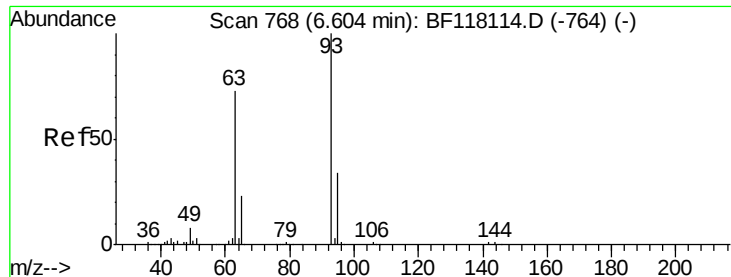
mohammad
12/10/2019 11:50:14 AM



#10
Phenol
Concen: 39.129 ng
RT: 6.53 min Scan# 755
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.2	7.3	47.3
66	50.2	20.2	60.2





#11

bis(2-Chloroethyl)ether

Concen: 41.246 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

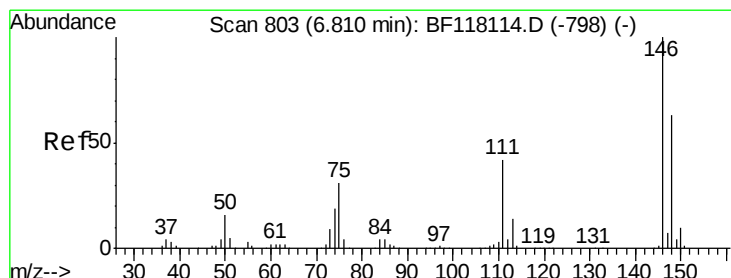
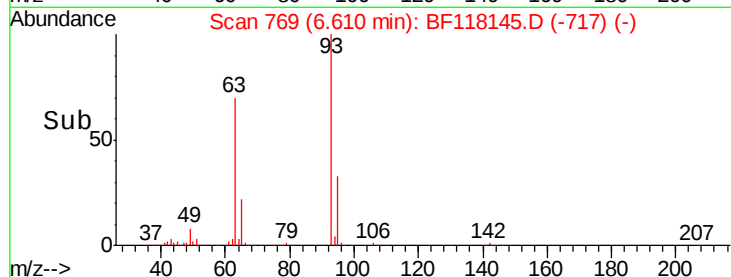
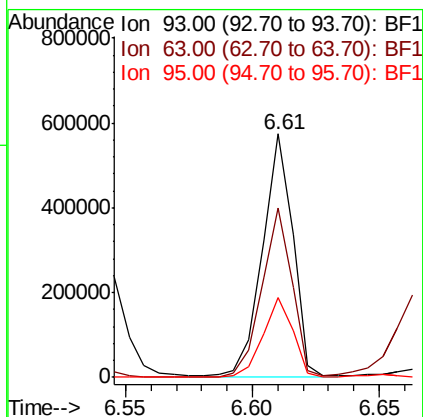
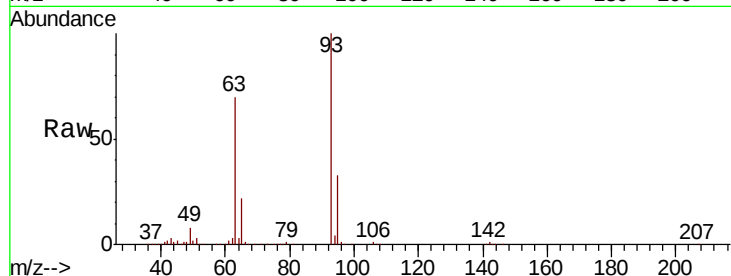
ClientSampleId :

PB125313BS

Tot Ion:	93	Resp:	489184
Ion	Ratio	Lower	Upper
93	100		
63	69.7	53.2	93.2
95	32.8	13.8	53.8

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#12

1,3-Dichlorobenzene

Concen: 33.538 ng

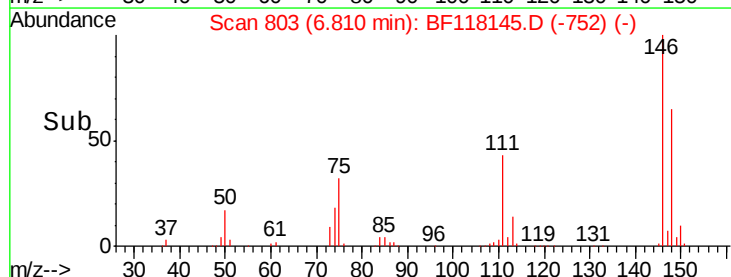
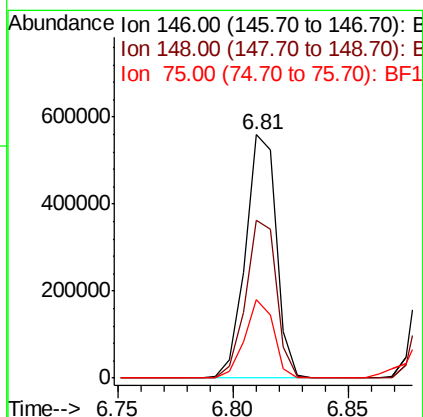
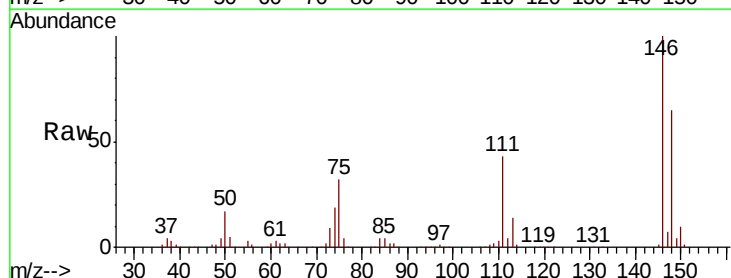
RT: 6.81 min Scan# 803

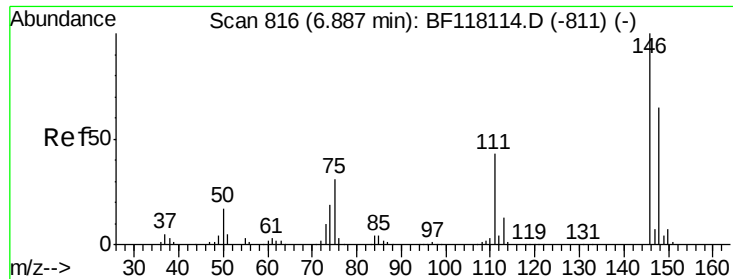
Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Tgt Ion:	146	Resp:	525193
Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.2	75.4
75	32.3	24.6	37.0





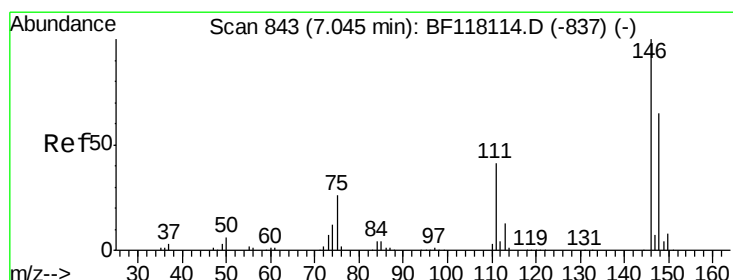
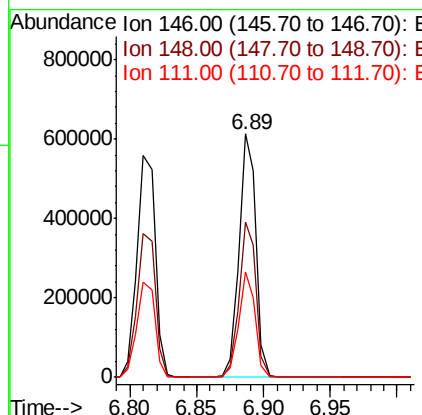
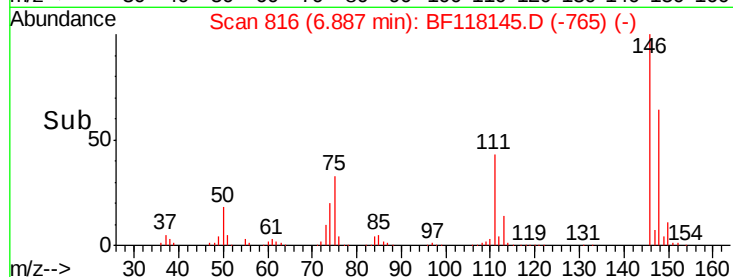
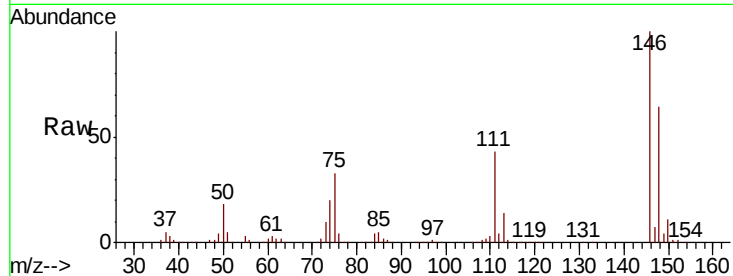
#13
1,4-Dichlorobenzene
Concen: 34.527 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.1	78.1
111	43.1	34.6	52.0

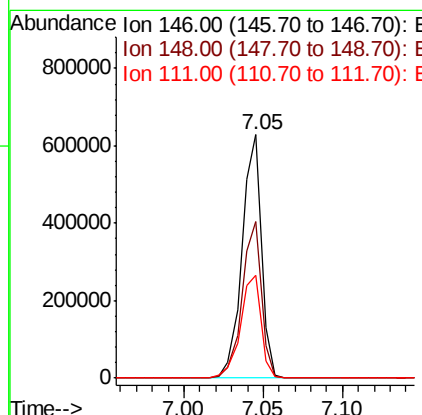
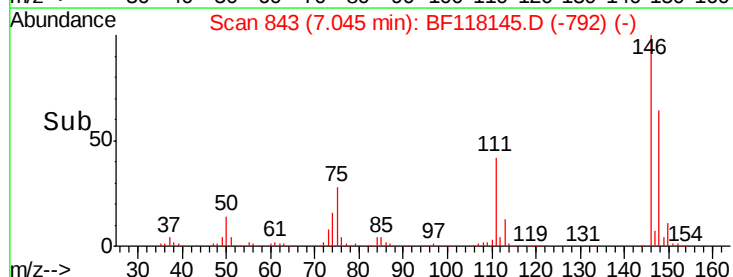
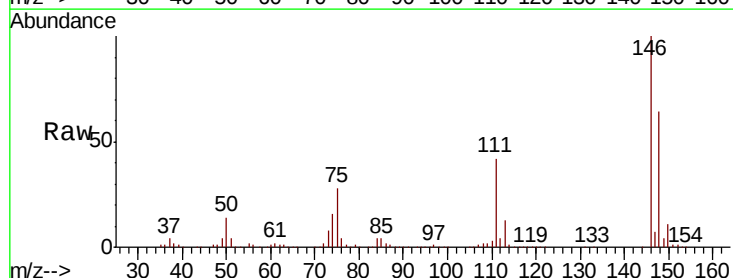
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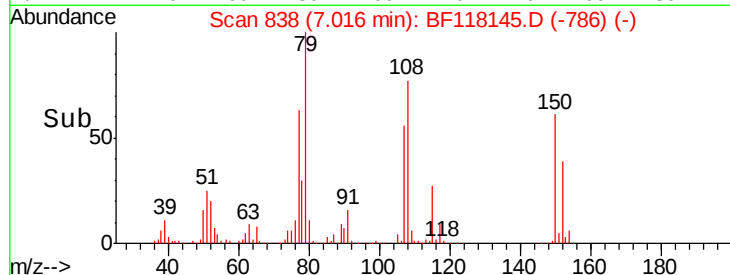
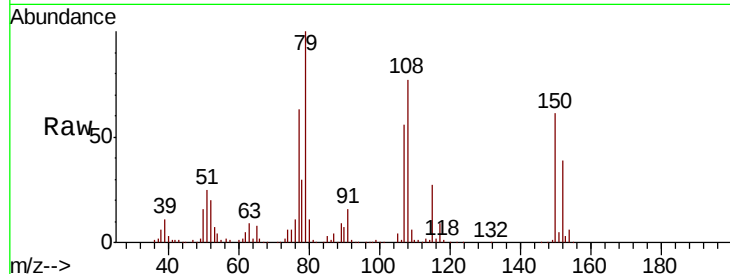
mohammad
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#14
1,2-Dichlorobenzene
Concen: 35.914 ng
RT: 7.05 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.2	78.2
111	42.2	33.1	49.7





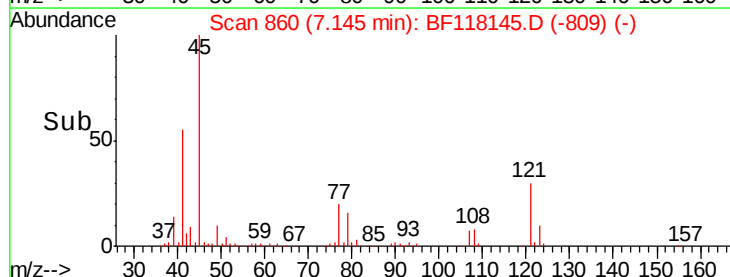
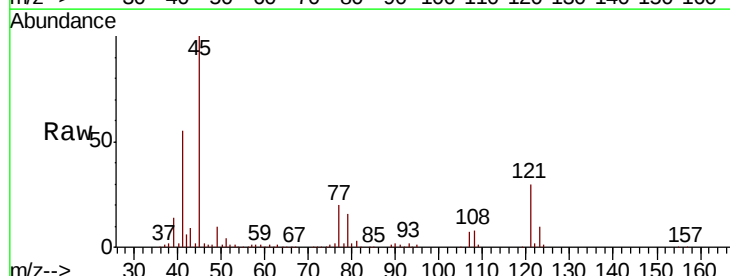
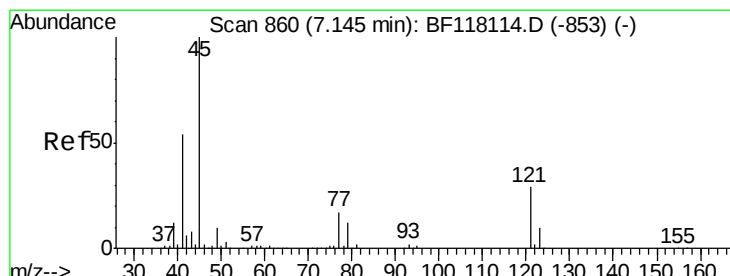
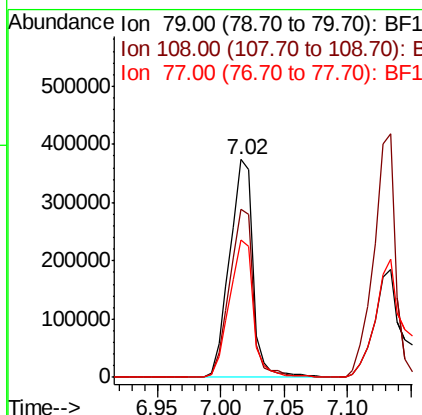
#15
Benzyl Alcohol
Concen: 42.547 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.0	62.7	94.1
77	63.2	51.4	77.2

Instrument :
BNA_F
ClientSampleId :
PB125313BS

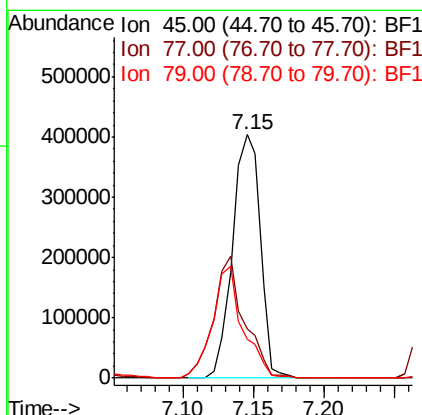
Manual Integrations
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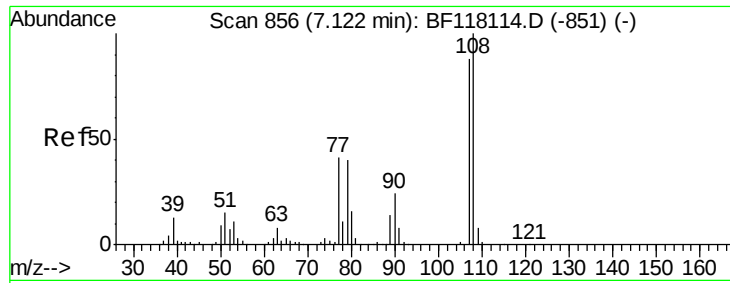
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.802 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.2	0.0	38.0
79	16.2	0.0	33.2





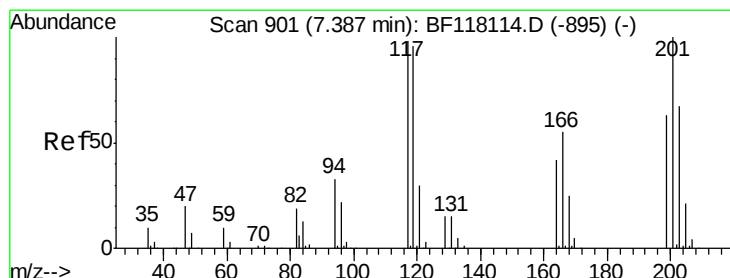
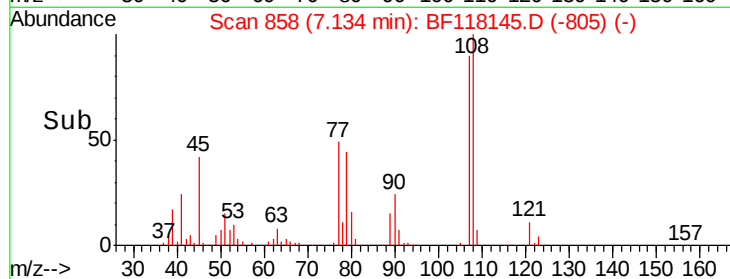
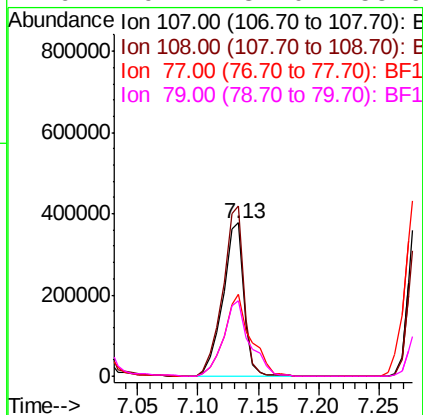
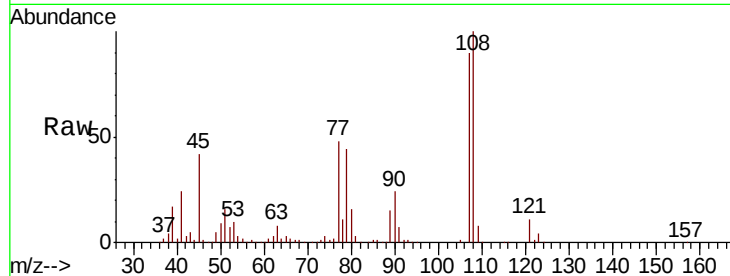
#17
2-Methylphenol
Concen: 42.681 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion:	107	Resp:	455056
Ion Ratio	Lower	Upper	
107	100		
108	110.9	91.1	136.7
77	53.7	37.8	56.6
79	49.2	37.0	55.6

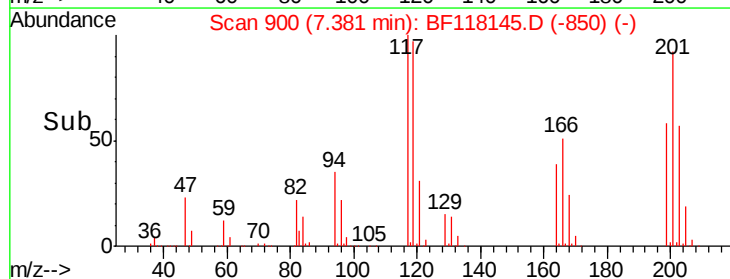
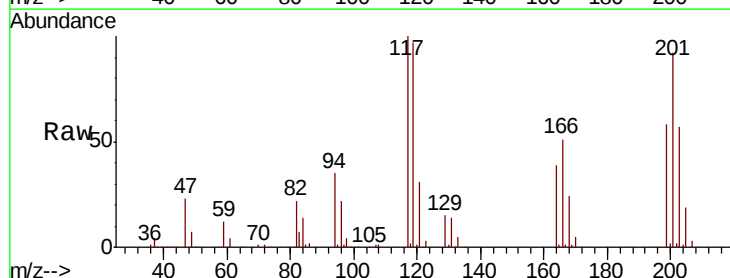
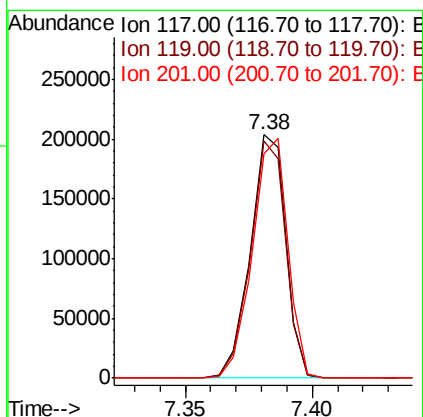
Manual Integrations
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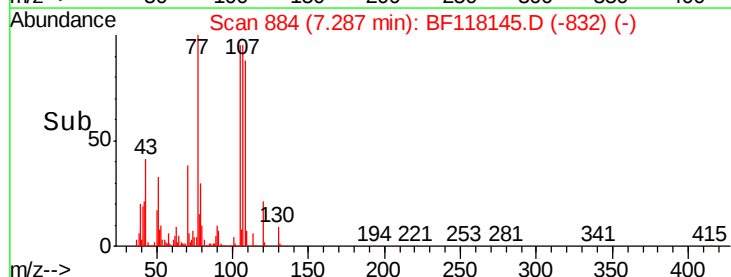
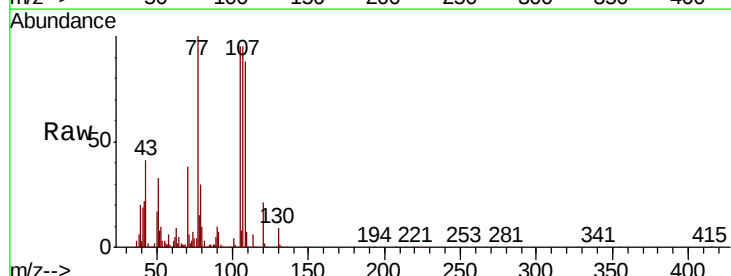
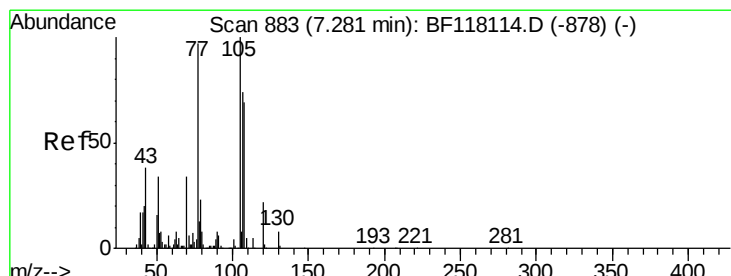
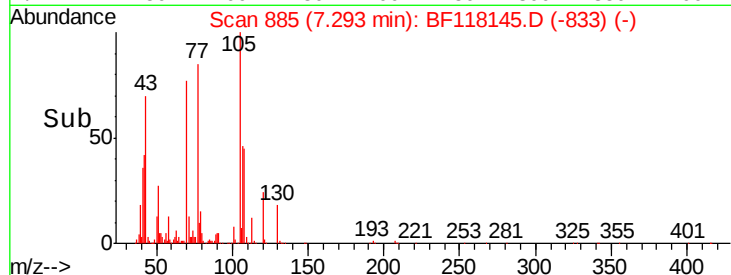
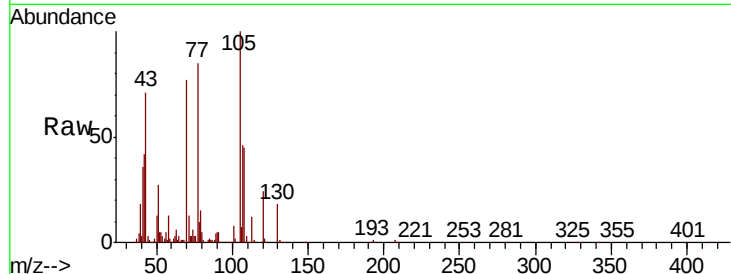
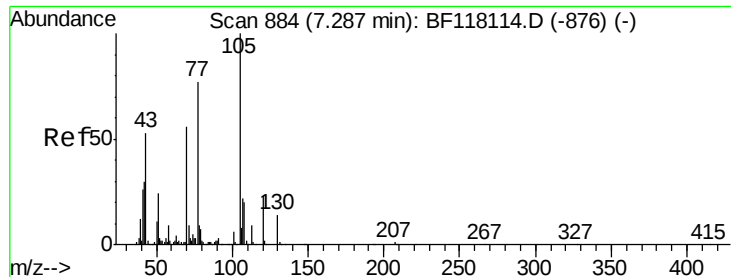
mohammad
12/10/2019 11:50:14 AM



#18
Hexachloroethane
Concen: 34.296 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:	117	Resp:	199268
Ion Ratio	Lower	Upper	
117	100		
119	97.3	78.2	117.4
201	92.3	81.6	122.4





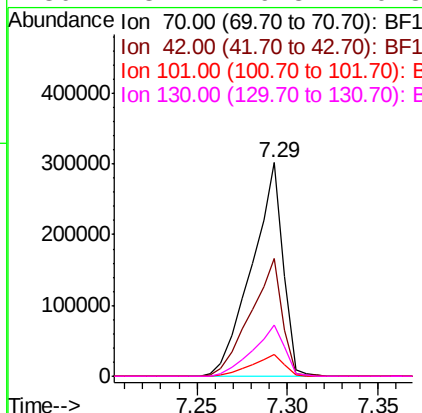
#19
n-Nitroso-di-n-propylamine
Concen: 41.448 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.0	43.2	64.8
101	10.3	8.1	12.1
130	23.7	19.8	29.8

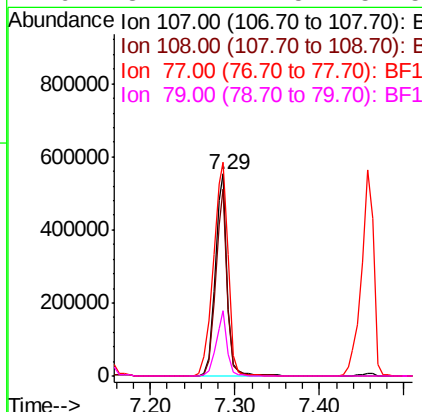
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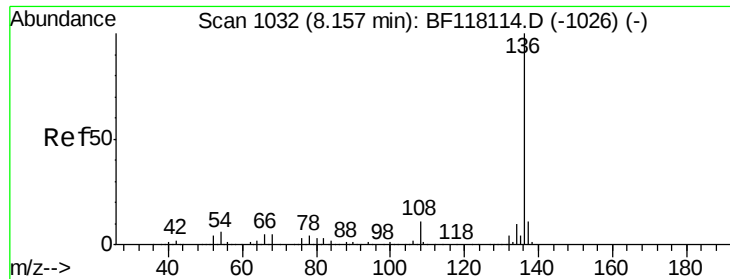
mohammad
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#20
3+4-Methylphenols
Concen: 41.576 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.6	73.2	113.2
77	105.8	110.9	150.9#
79	32.1	11.5	51.5





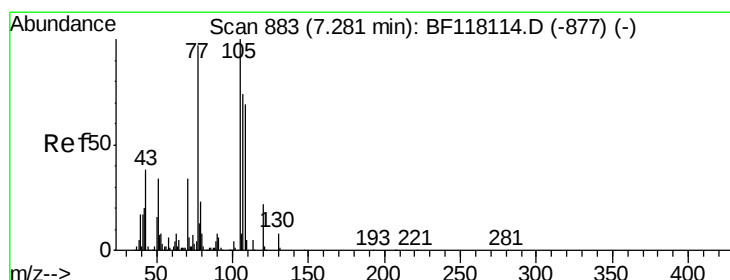
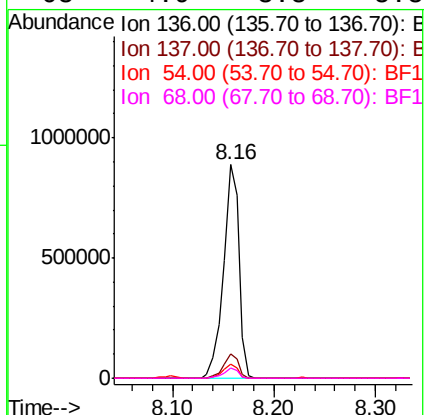
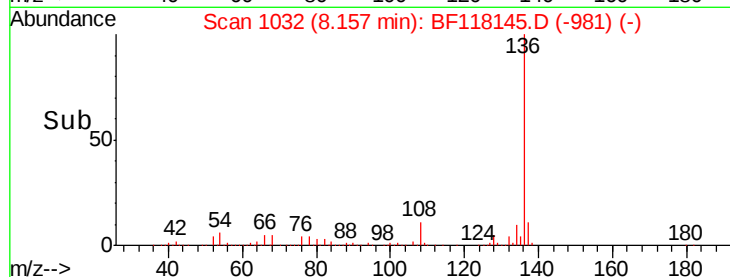
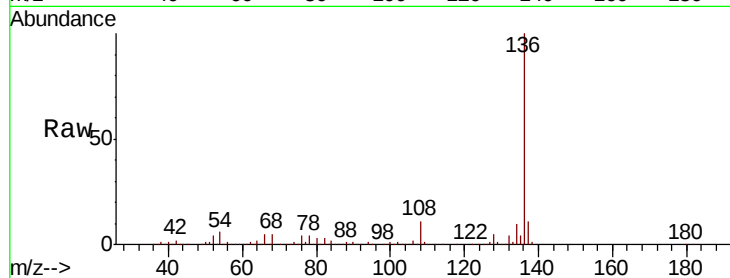
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		938933		
137	11.1		9.0	13.6	
54	6.4		5.0	7.6	
68	4.9		3.8	5.8	

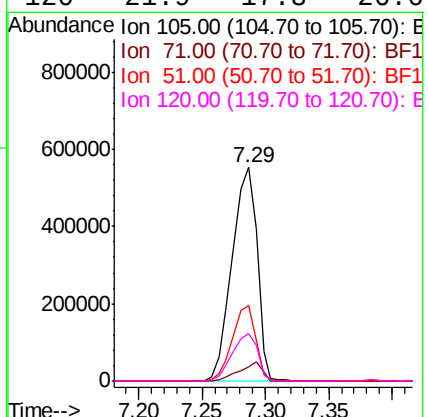
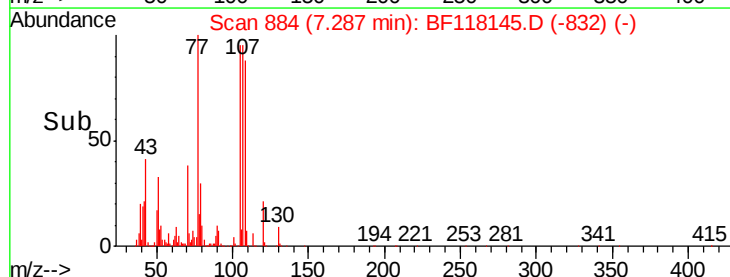
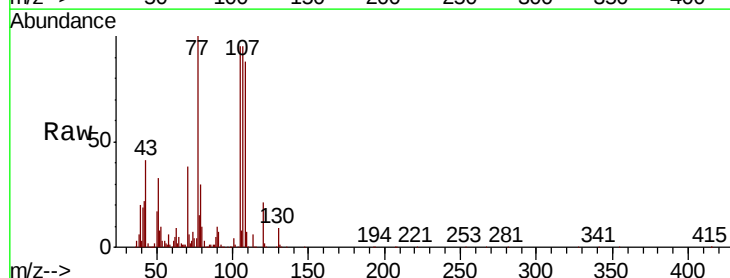
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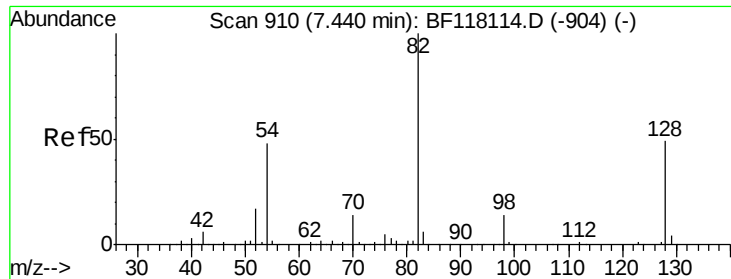
mohammad
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#22
Acetophenone
Concen: 33.410 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		753647		
71	6.3		4.7	7.1	
51	35.3		27.1	40.7	
120	21.9		17.8	26.6	





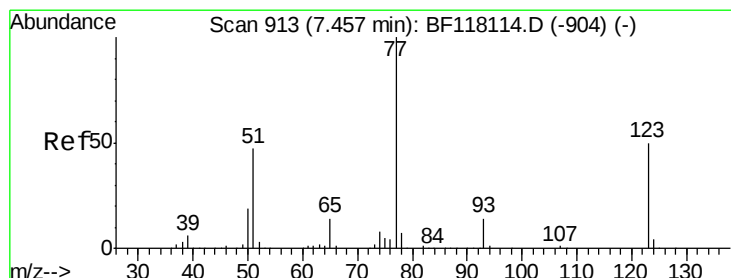
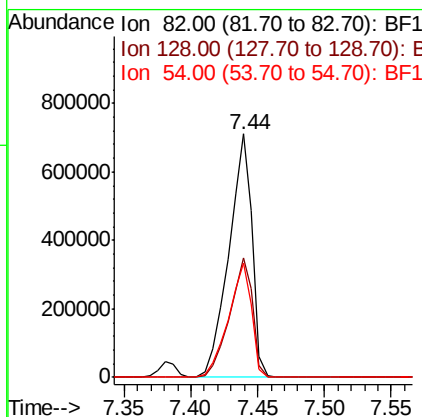
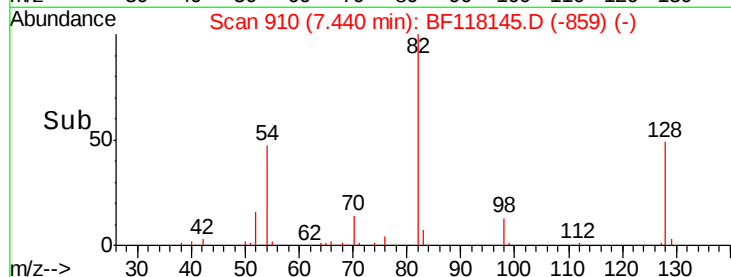
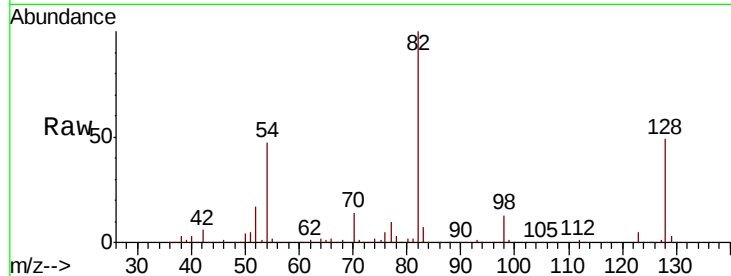
#23
Nitrobenzene-d5
Concen: 51.810 ng
RT: 7.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.9	39.1	58.7
54	47.2	38.2	57.2

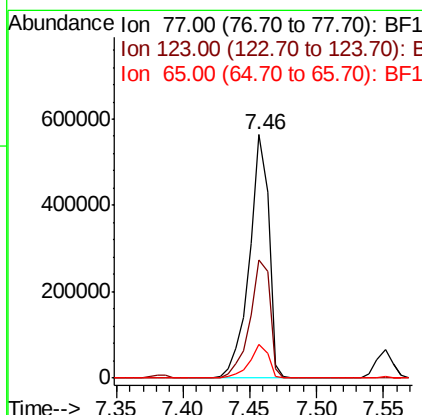
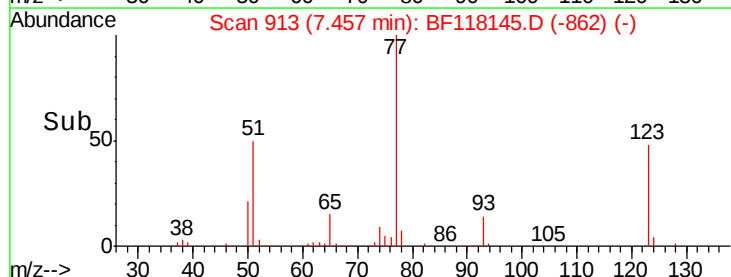
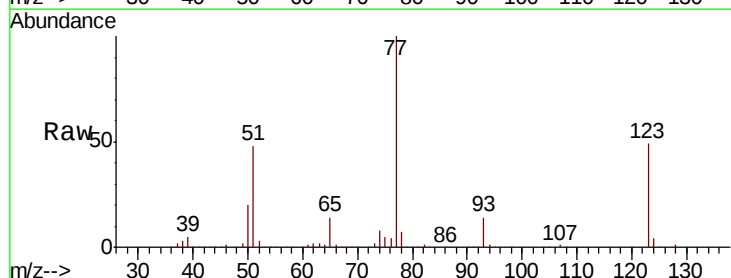
Manual Integrations
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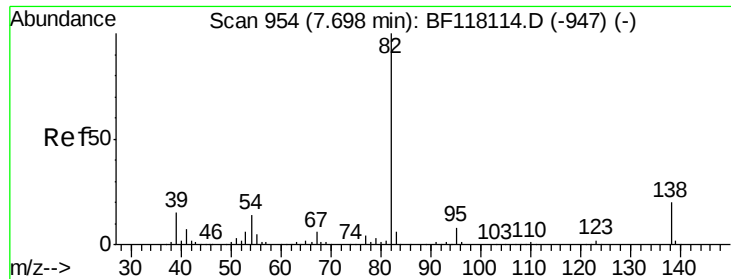
mohammad
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#24
Nitrobenzene
Concen: 33.957 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	40.1	60.1
65	13.8	10.9	16.3





#25

Isophorone

Concen: 35.966 ng

RT: 7.70 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB125313BS

Tot Ion: 82 Resp: 1017571

Ion Ratio Lower Upper

82 100

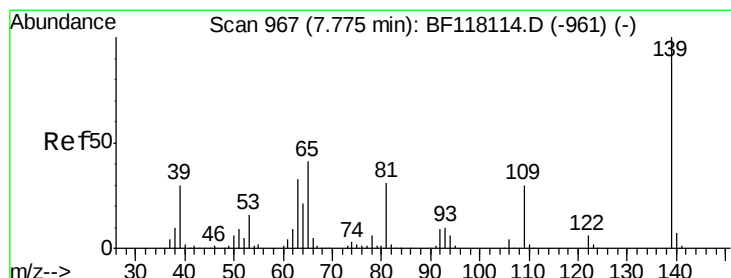
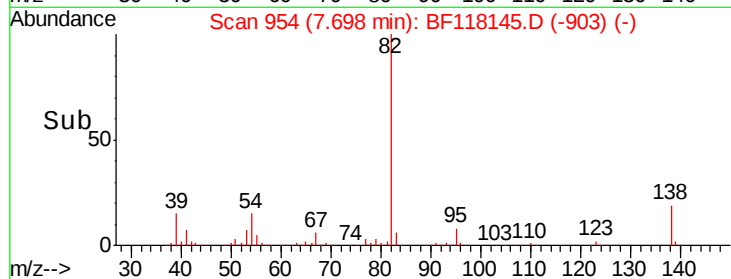
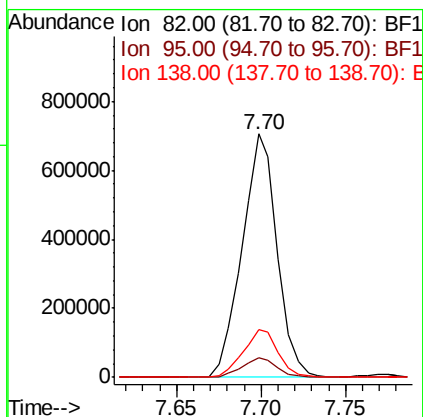
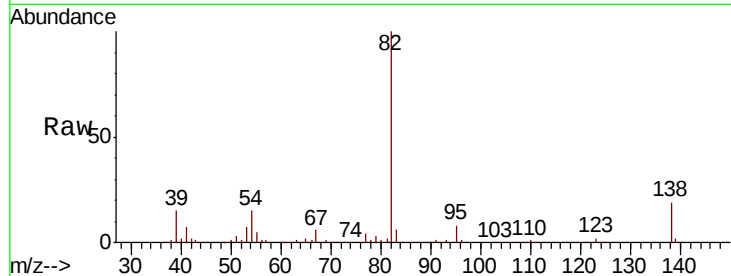
95 8.0 6.3 9.5

138 19.4 16.3 24.5

Manual Integrations
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12/10/2019 11:50:14 AM



#26

2-Nitrophenol

Concen: 36.220 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

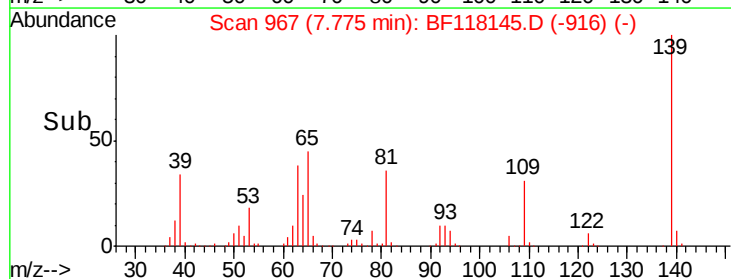
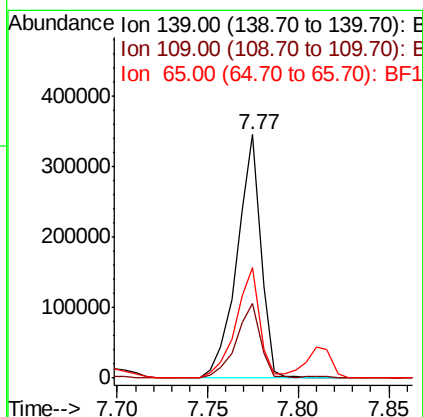
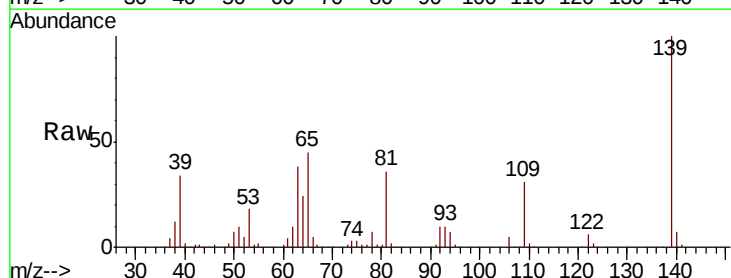
Tgt Ion: 139 Resp: 317442

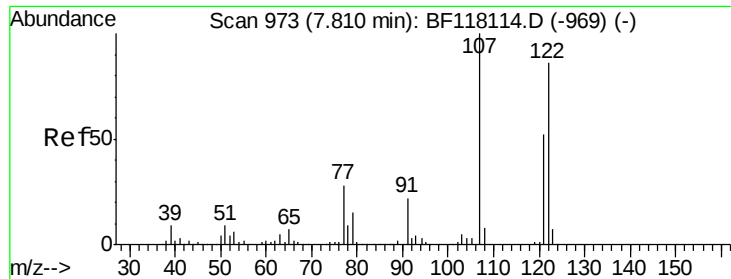
Ion Ratio Lower Upper

139 100

109 30.7 23.9 35.9

65 45.3 33.0 49.6





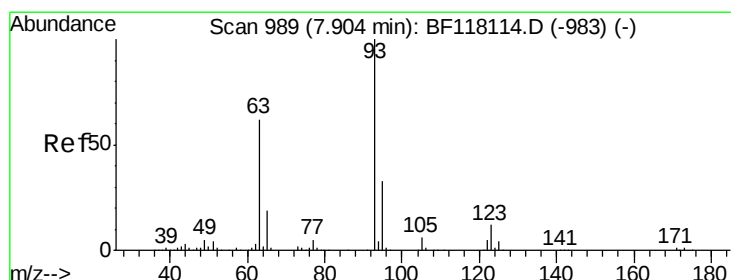
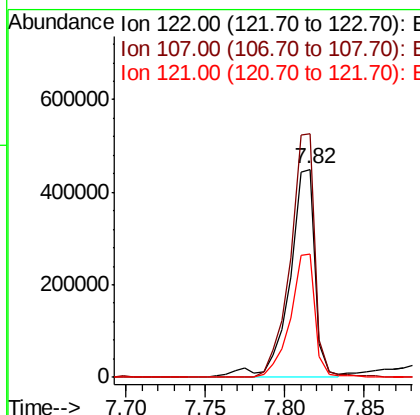
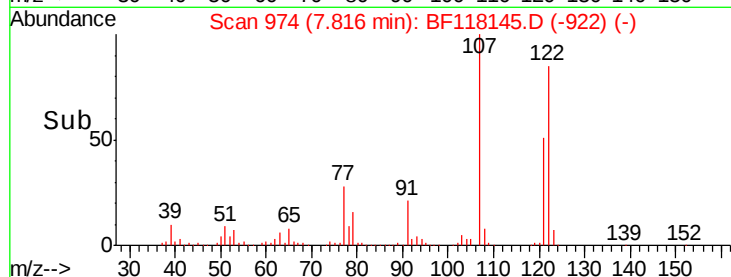
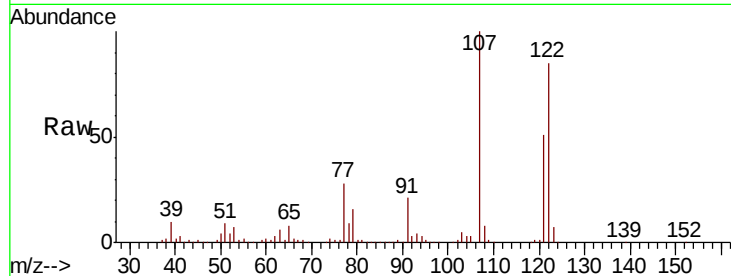
#27
2,4-Dimethylphenol
Concen: 42.913 ng
RT: 7.82 min Scan# 974
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	501681		
107	117.1	92.9	139.3	
121	59.4	48.3	72.5	

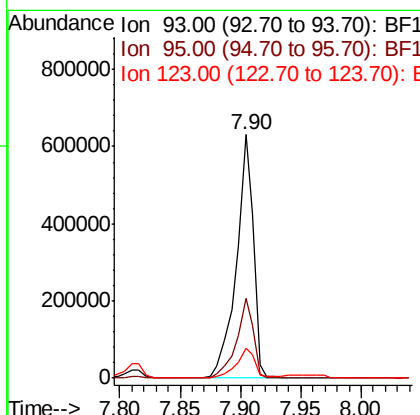
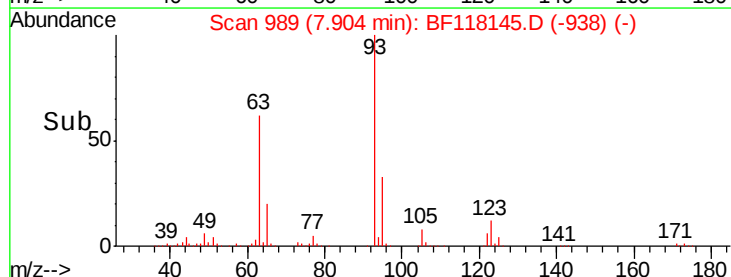
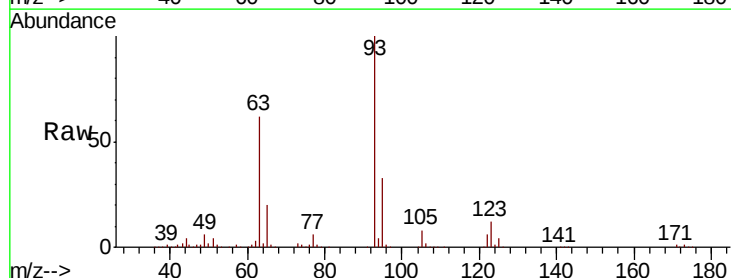
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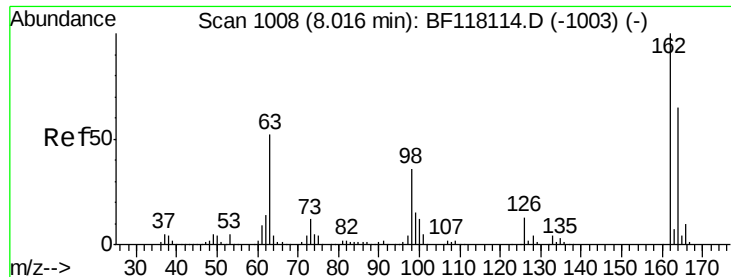
mohammad
12/10/2019 11:50:14 AM



#28
bis(2-Chloroethoxy)methane
Concen: 33.624 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	621630		
95	32.9	26.7	40.1	
123	12.0	10.0	15.0	





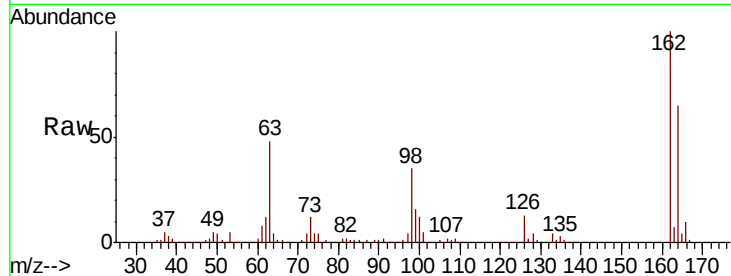
#29
2,4-Dichlorophenol
Concen: 35.118 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	478609		
164	65.4	45.2	85.2	
98	34.7	15.9	55.9	

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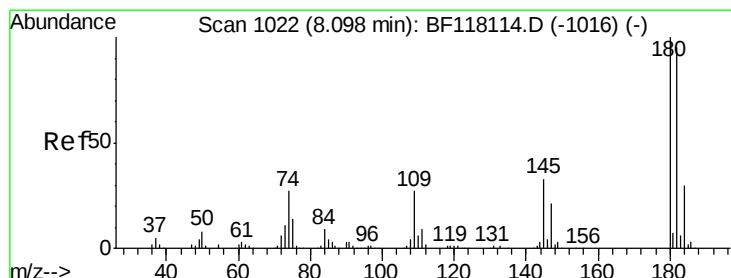
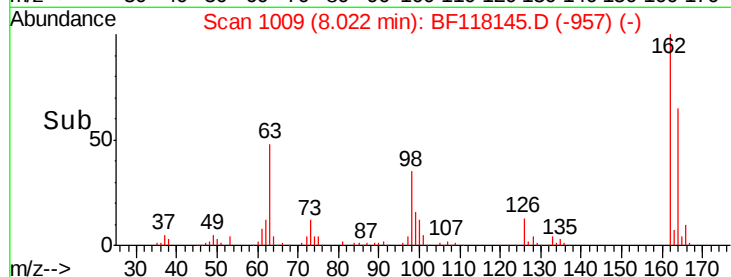
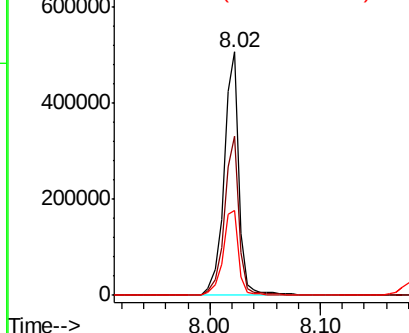


Abundance

Ion 162.00 (161.70 to 162.70): E

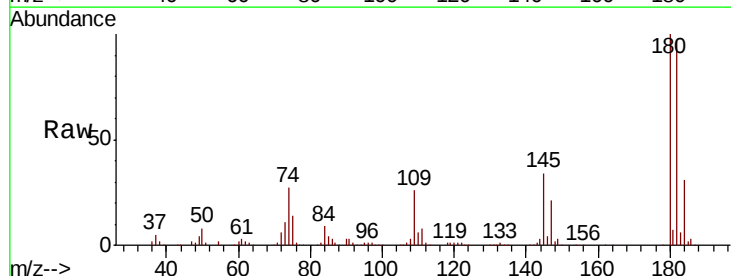
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 31.933 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	508601		
182	96.7	76.1	114.1	
145	33.5	26.1	39.1	

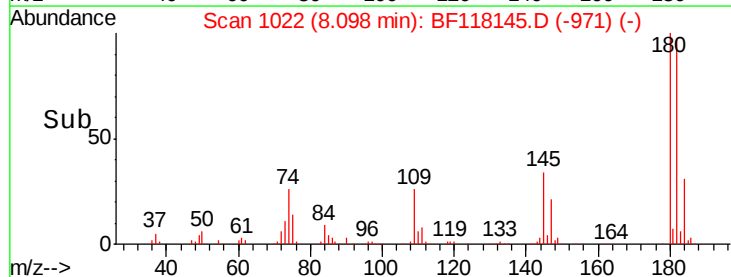
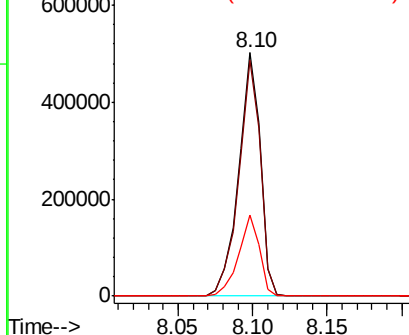


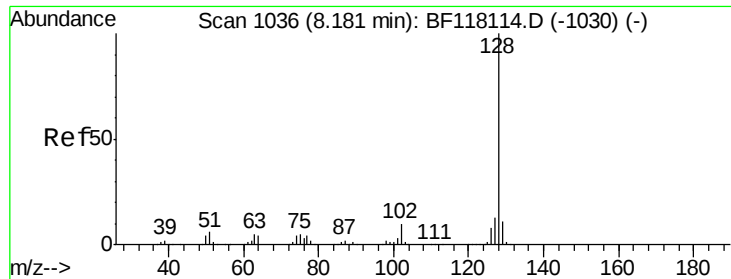
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





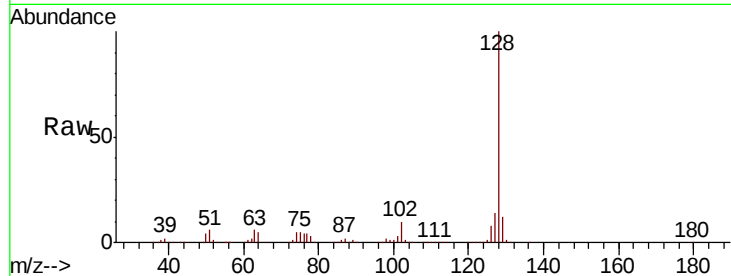
#31
Naphthalene
Concen: 33.943 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

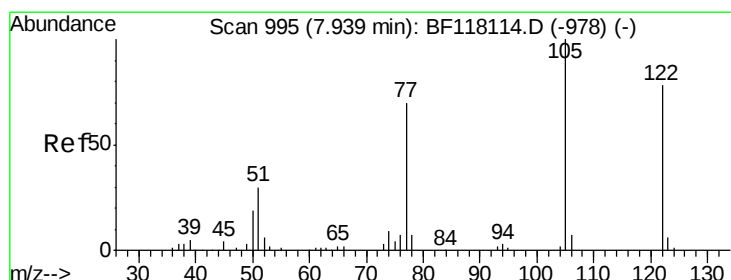
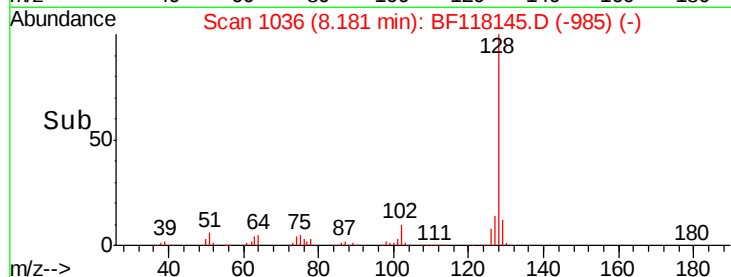
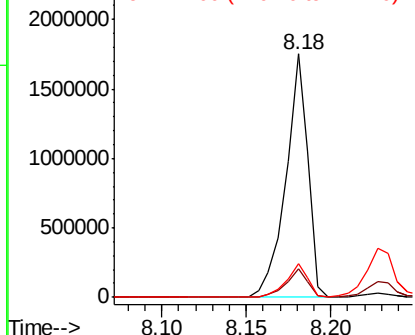
Tot Ion:128 Resp: 1600587
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.8 10.6 16.0

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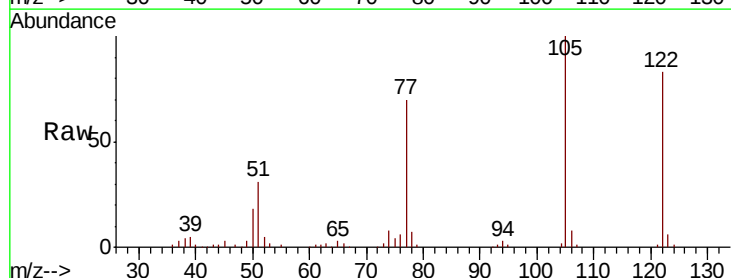


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

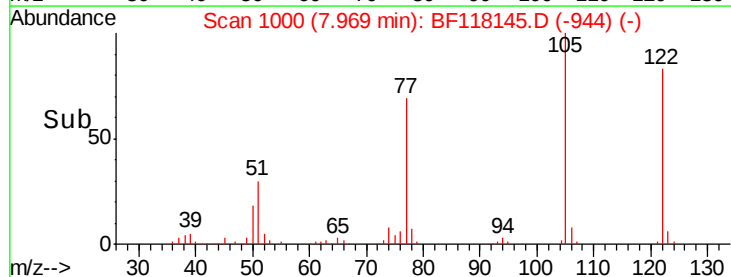
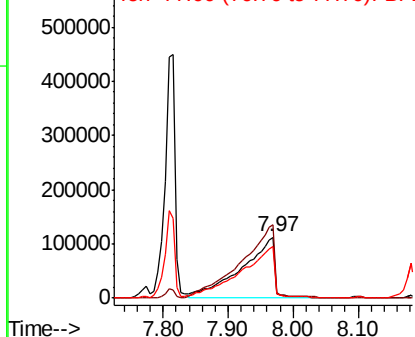


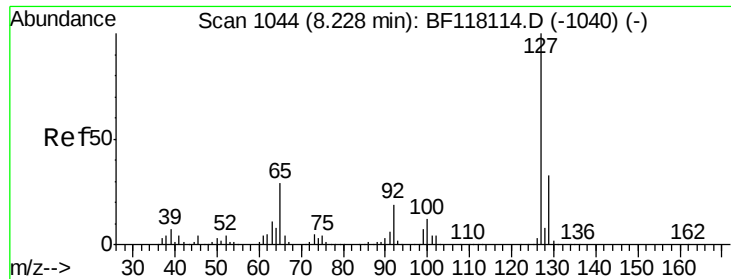
#32
Benzoic acid
Concen: 37.043 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.03 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion:122 Resp: 391009
Ion Ratio Lower Upper
122 100
105 120.7 104.7 144.7
77 84.4 69.1 109.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





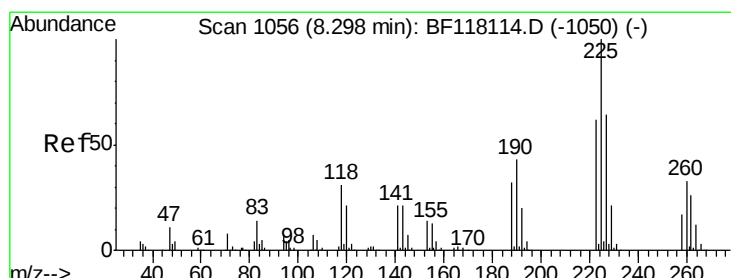
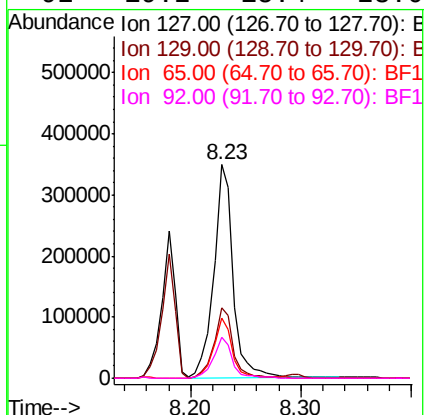
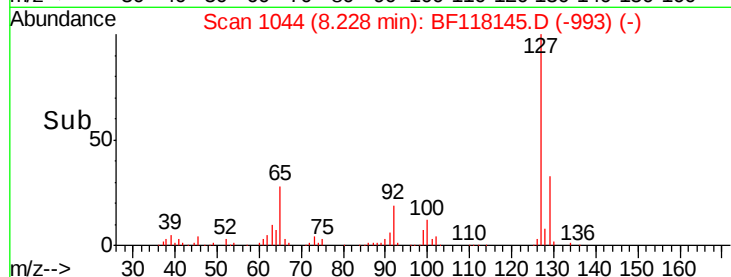
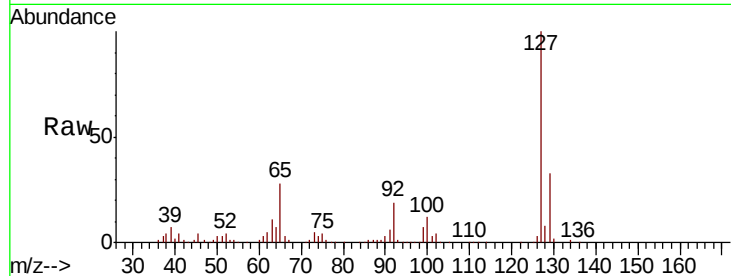
#33
4-Chloroaniline
Concen: 20.786 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		423221		
129	33.3	26.6	40.0		
65	28.5	23.2	34.8		
92	19.2	15.4	23.0		

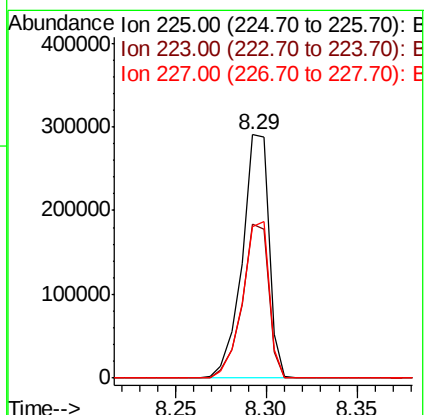
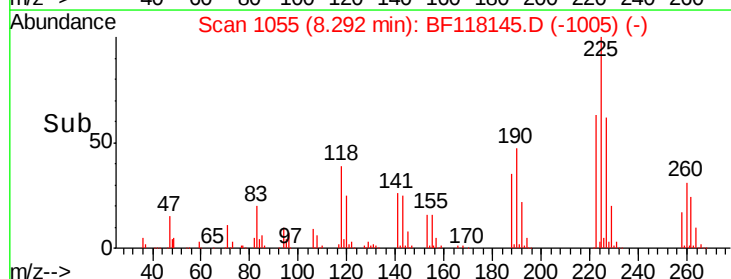
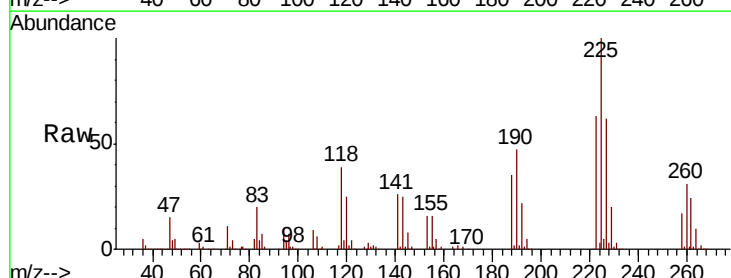
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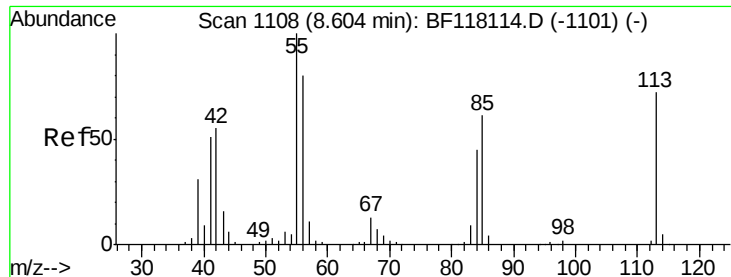
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#34
Hexachlorobutadiene
Concen: 31.046 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		296515		
223	63.5	49.6	74.4		
227	62.4	51.0	76.6		





#35

Caprolactam

Concen: 38.128 ng/mL

RT: 8.62 min Scan# 1111

Delta R.T. 0.02 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleID :

PB125313BS

Tot Ion:113 Resp: 160248

Ion Ratio Lower Upper

113 100

55 138.3 118.9 158.9

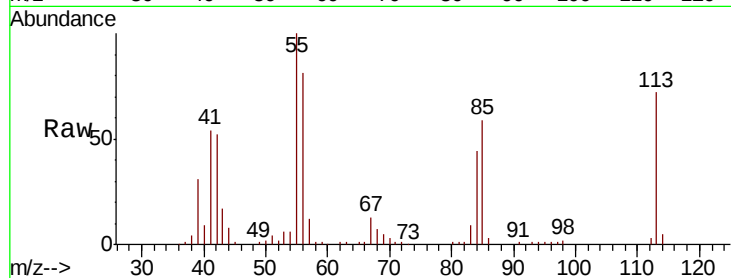
56 112.5 91.4 131.4

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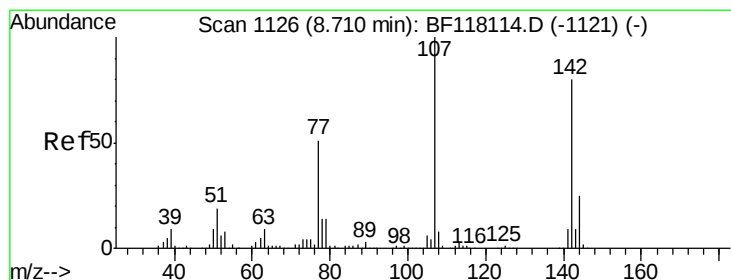
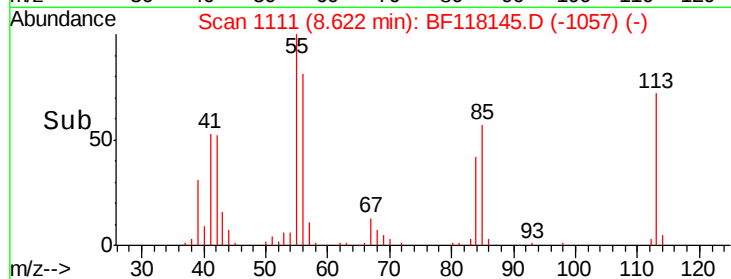
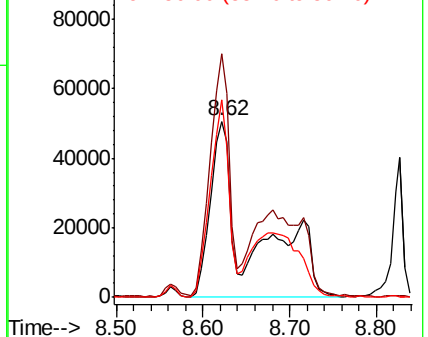
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 35.664 ng/mL

RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

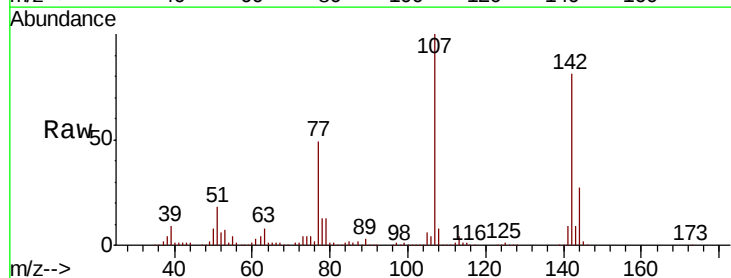
Tgt Ion:107 Resp: 511502

Ion Ratio Lower Upper

107 100

144 26.8 20.3 30.5

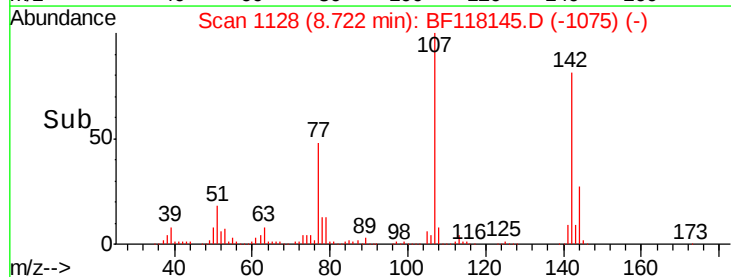
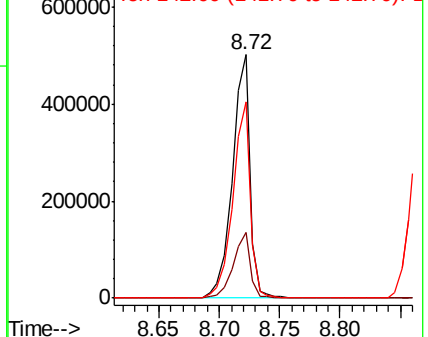
142 80.5 63.7 95.5

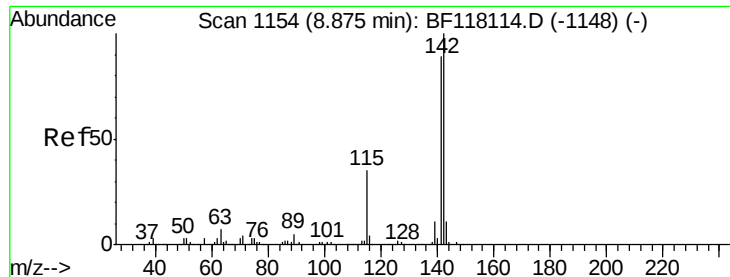


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





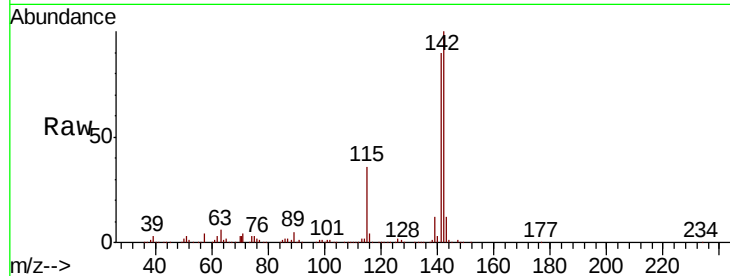
#37
2-Methylnaphthalene
Concen: 34.813 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0
115	36.4	28.2	42.4

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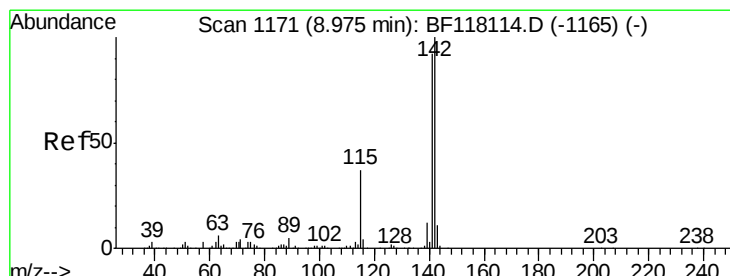
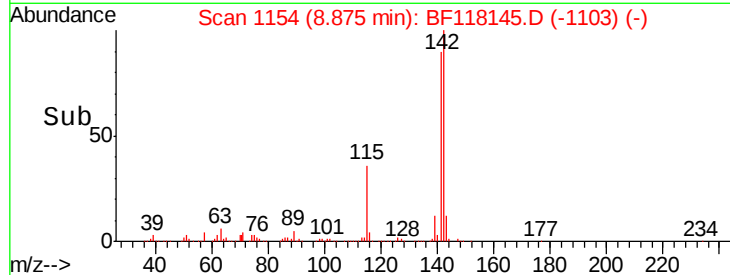
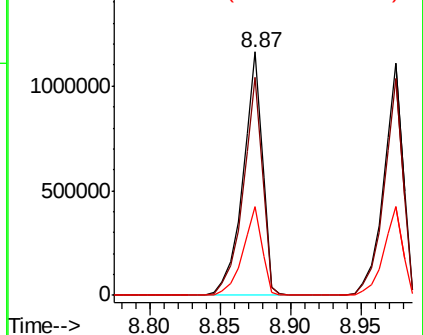


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 34.485 ng
RT: 8.97 min Scan# 1171
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

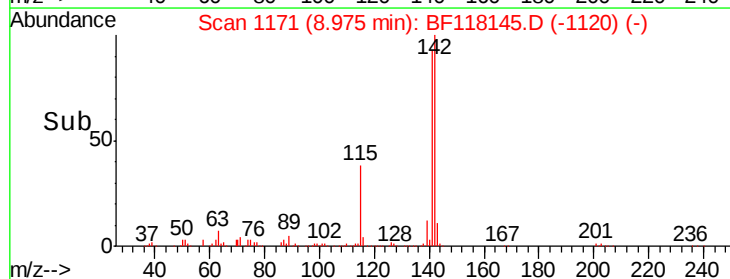
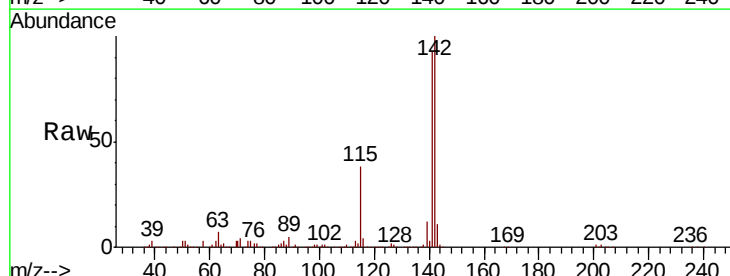
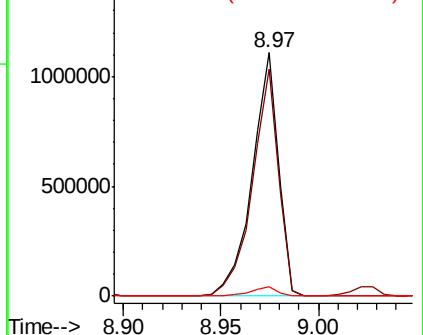
Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.0	111.0
116	4.0	3.2	4.8

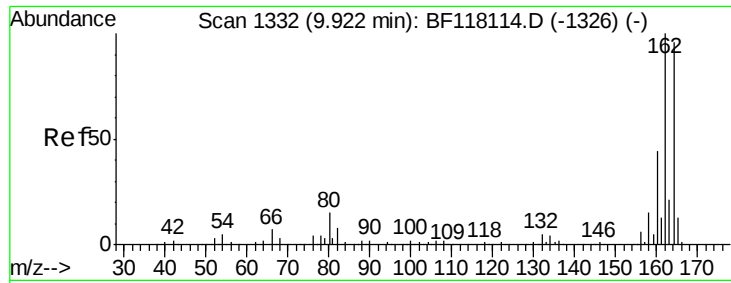
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





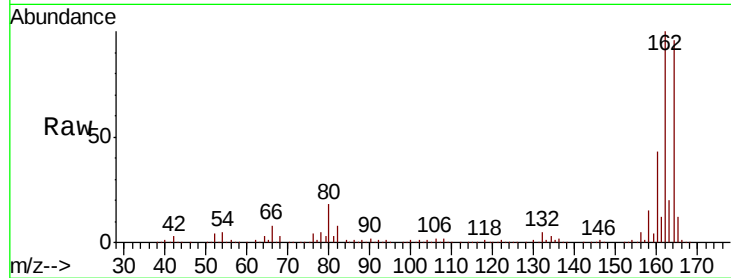
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.4	125.0
160	45.3	36.6	54.8

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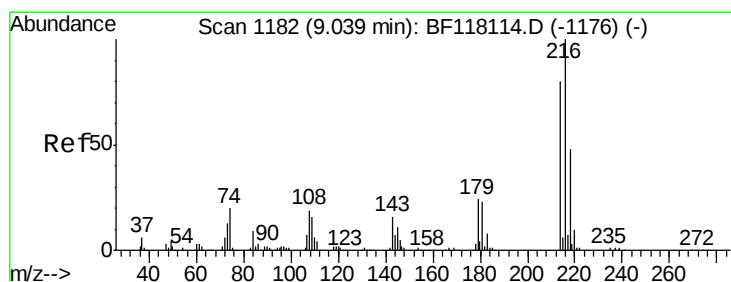
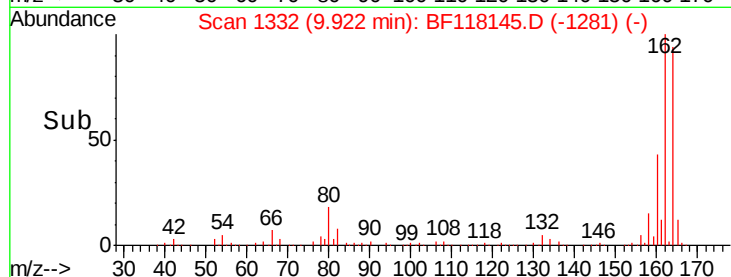
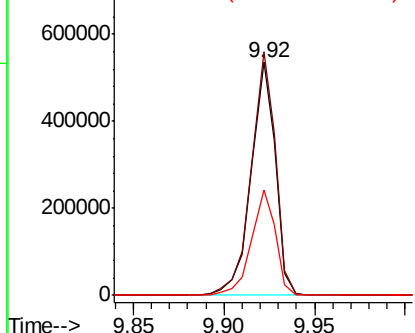


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.609 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	23.4	18.6	27.8
108	20.2	15.4	23.0

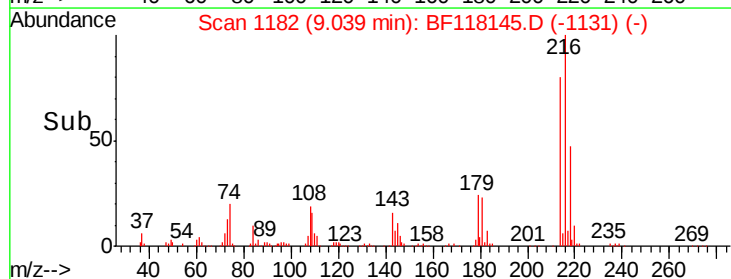
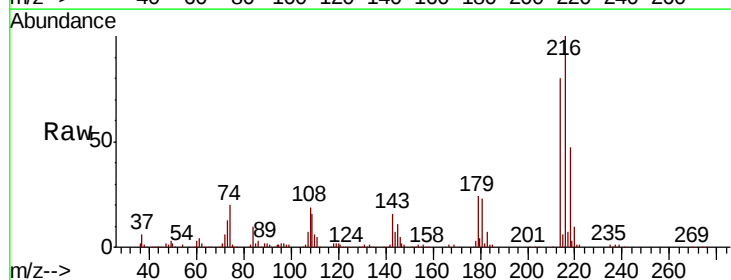
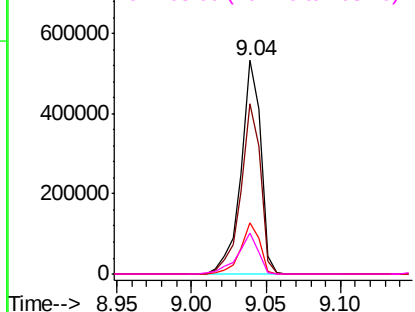
Abundance

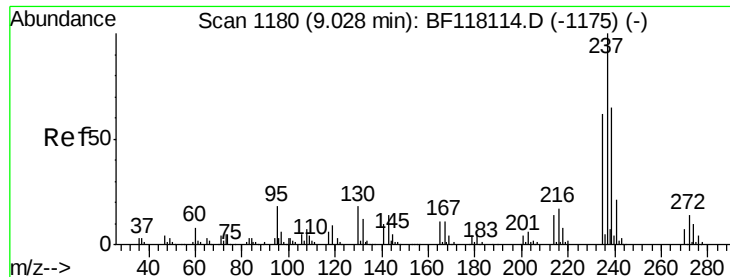
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





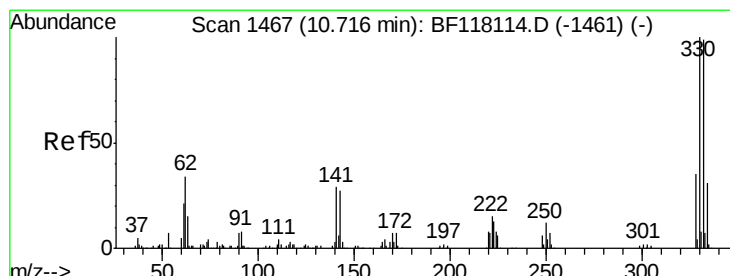
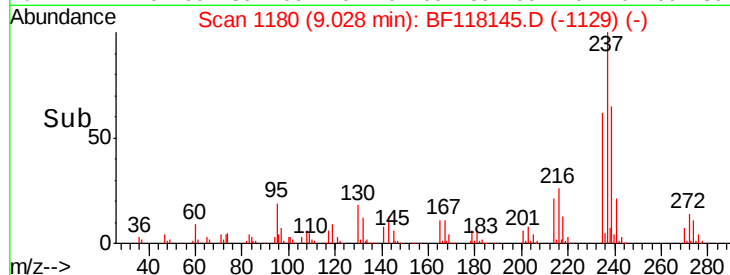
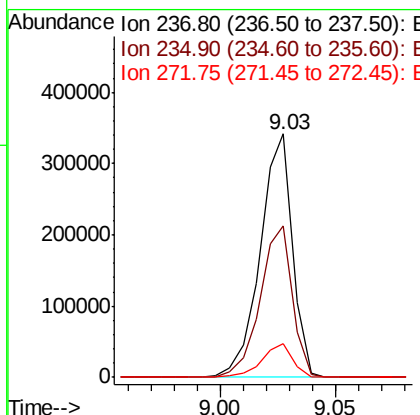
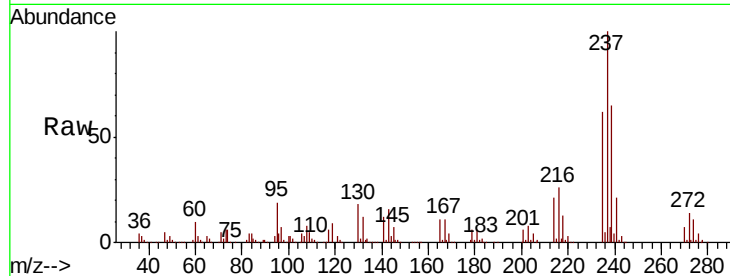
#41
Hexachlorocyclopentadiene
Concen: 49.070 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	41.5	81.5
272	13.6	0.0	33.7

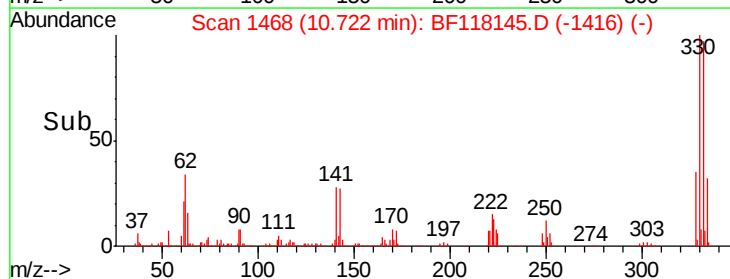
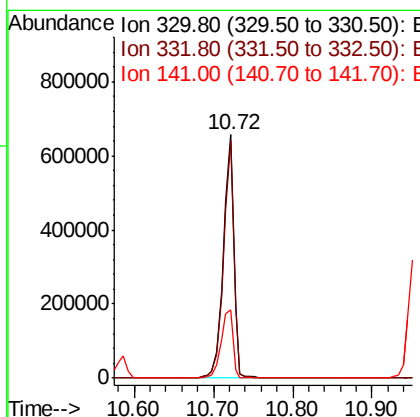
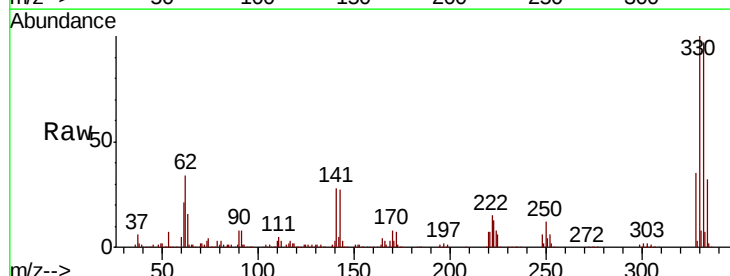
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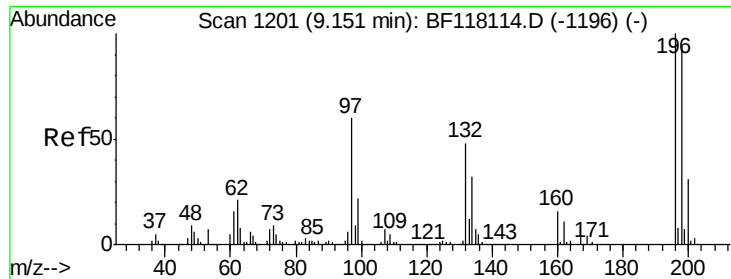
mohammad
12/10/2019 11:50:14 AM



#42
2,4,6-Tribromophenol
Concen: 99.933 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.3	78.1	117.1
141	31.7	26.9	40.3





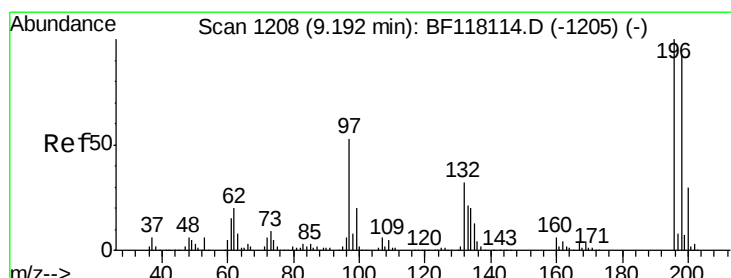
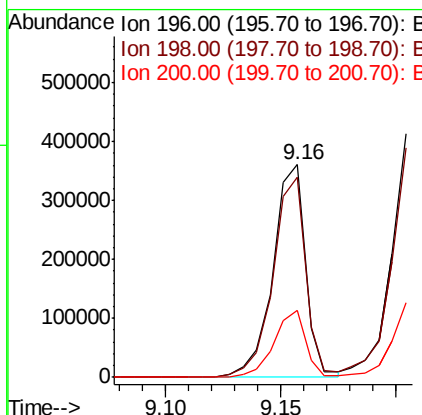
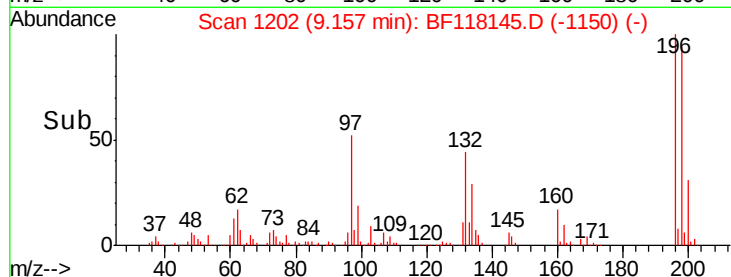
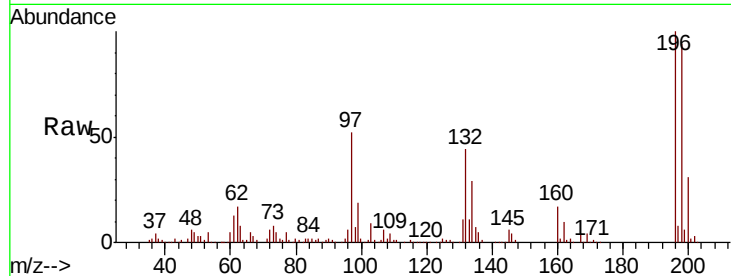
#43
 2,4,6-Trichlorophenol
 Concen: 35.143 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB125313BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	353695		
198	93.9	75.0	112.4	
200	31.4	24.5	36.7	

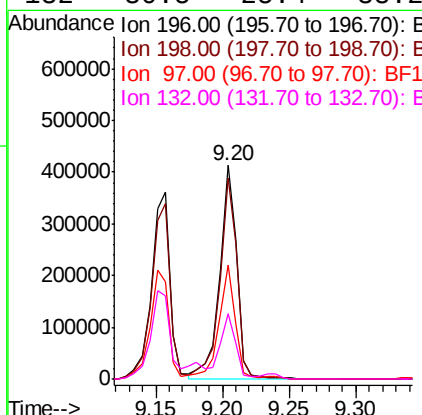
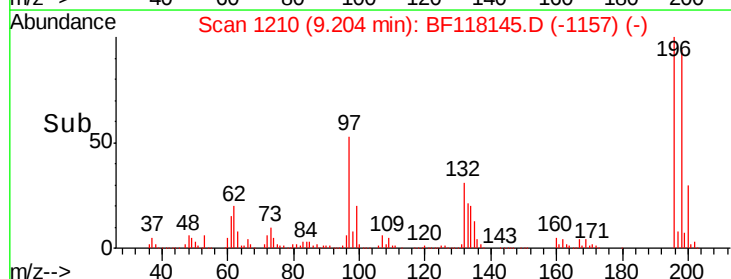
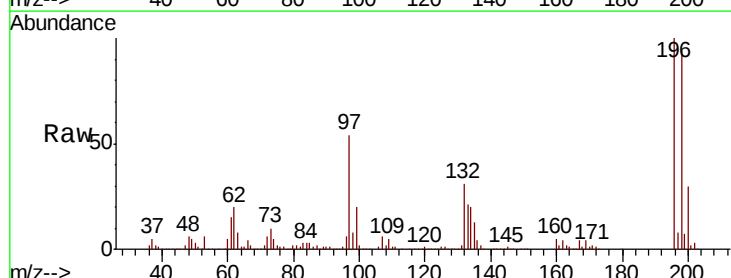
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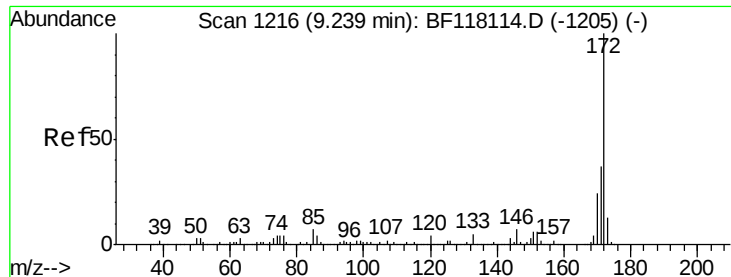
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 12/10/2019 11:50:14 AM



#44
 2,4,5-Trichlorophenol
 Concen: 35.711 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	372365		
198	94.4	74.2	111.4	
97	53.5	42.5	63.7	
132	30.5	25.4	38.2	





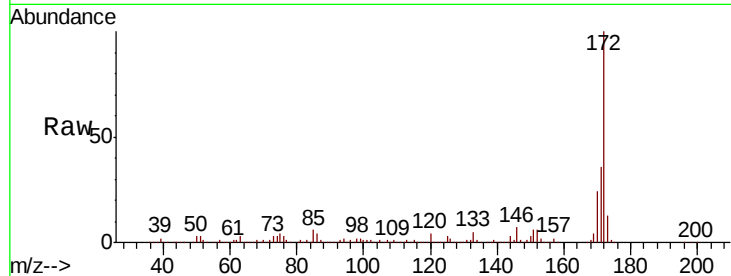
#45
2-Fluorobiphenyl
Concen: 54.113 ng
RT: 9.24 min Scan# 1216
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.2	19.4	29.2

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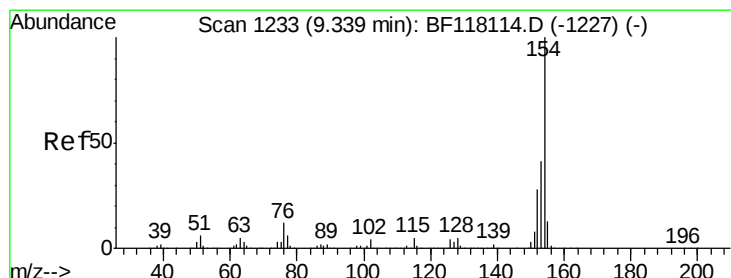
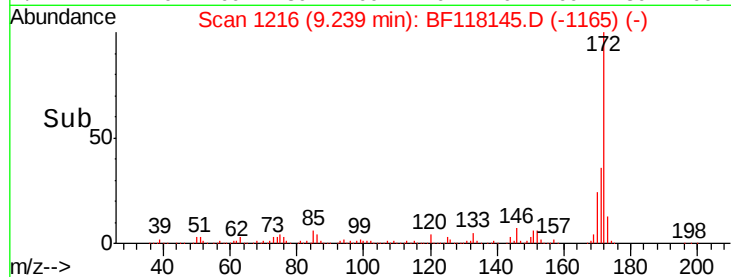
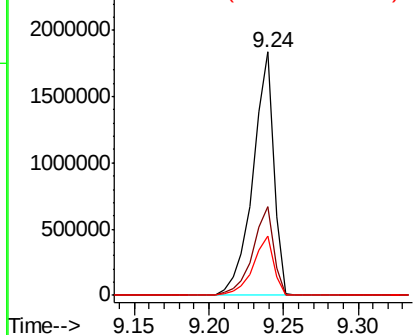


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 34.088 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

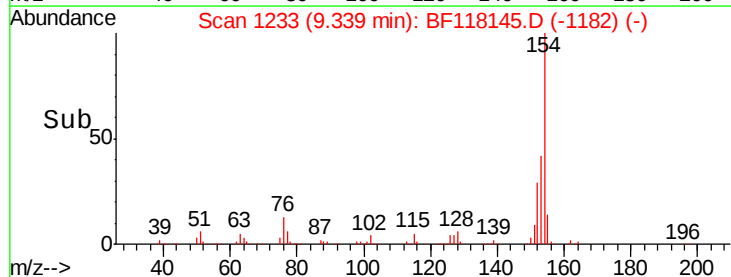
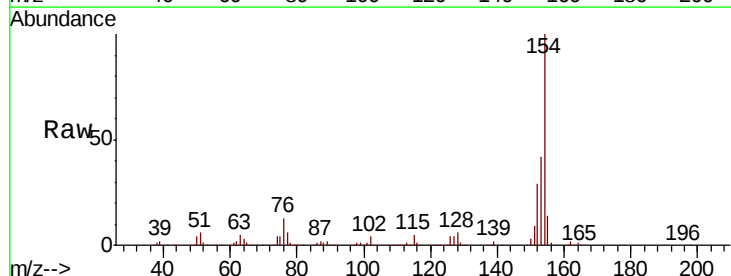
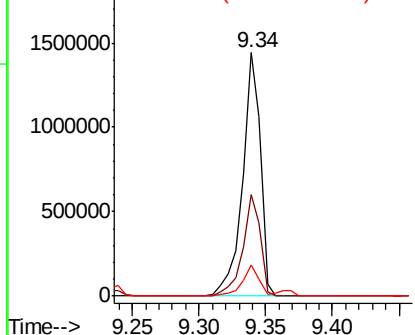
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.7	60.7
76	12.6	0.0	31.9

Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





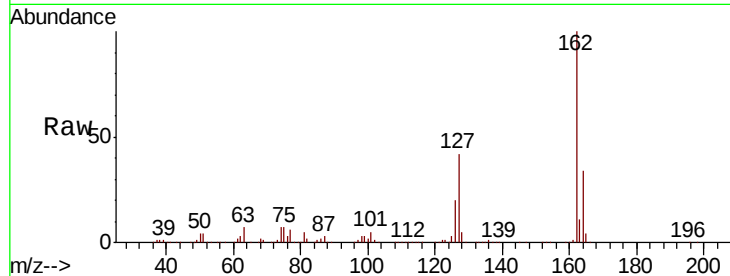
#47
 2-Chloronaphthalene
 Concen: 32.805 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB125313BS

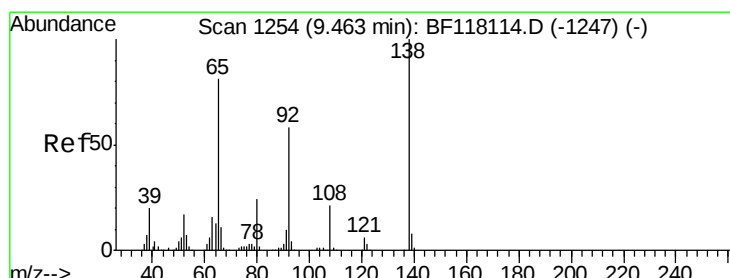
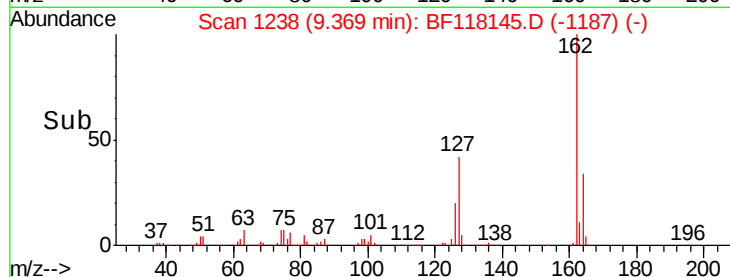
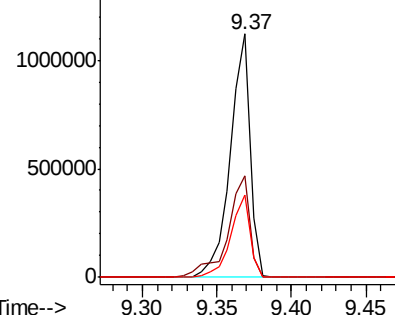
Tot Ion	Ion	Ratio	Lower	Upper
162	100			
127	42.0	32.0	48.0	
164	33.7	26.1	39.1	

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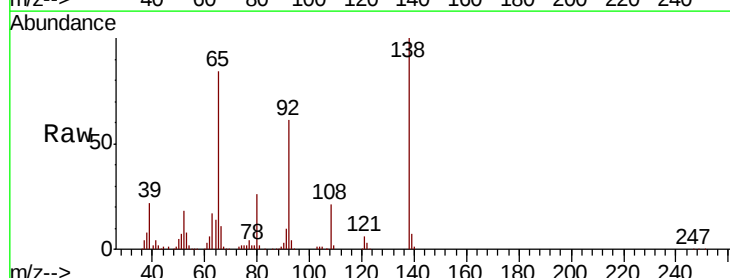


Abundance Ion 162.00 (161.70 to 162.70): E
 1500000 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

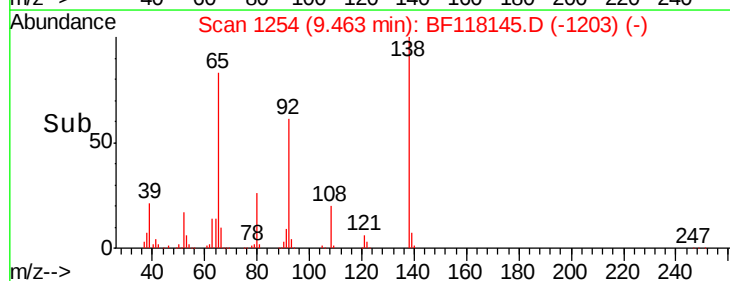
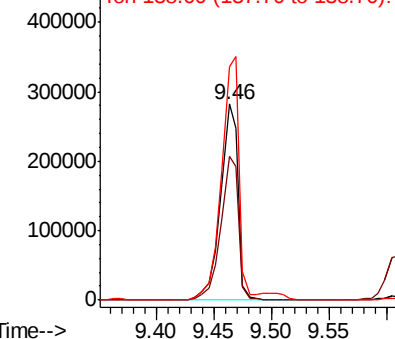


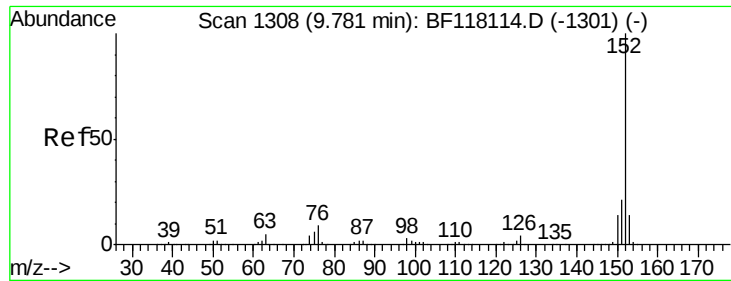
#48
 2-Nitroaniline
 Concen: 32.945 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. 0.00 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tgt Ion	Ion	Ratio	Lower	Upper
65	100			
92	73.2	57.8	86.6	
138	119.2	98.8	148.2	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 34.087 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB125313BS

Tot Ion:152 Resp: 1587138

Ion Ratio Lower Upper

152 100

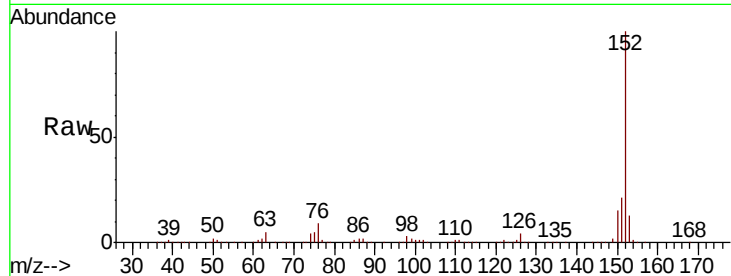
151 21.0 16.4 24.6

153 13.5 10.8 16.2

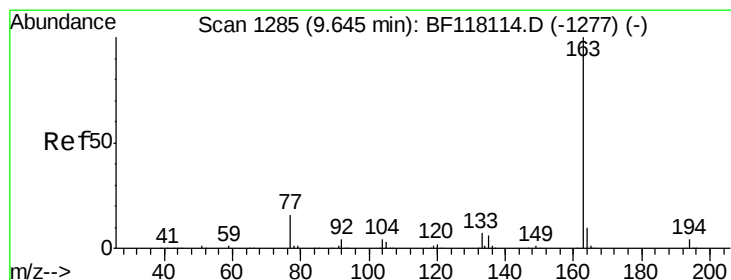
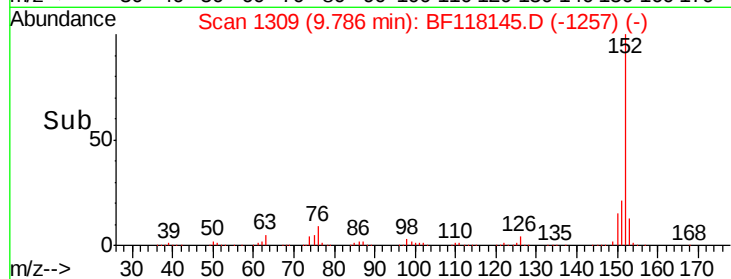
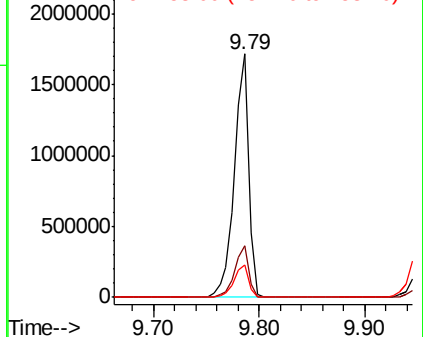
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 34.371 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

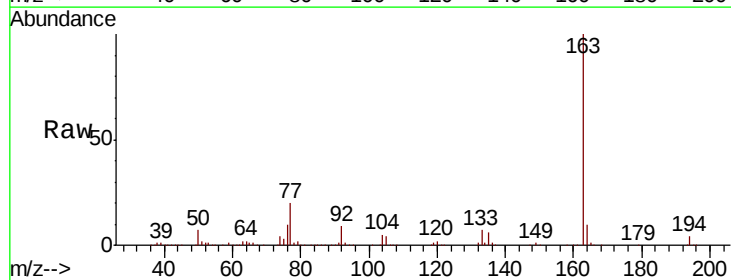
Tgt Ion:163 Resp: 1263256

Ion Ratio Lower Upper

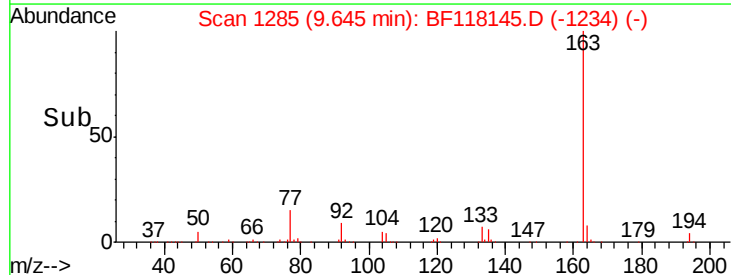
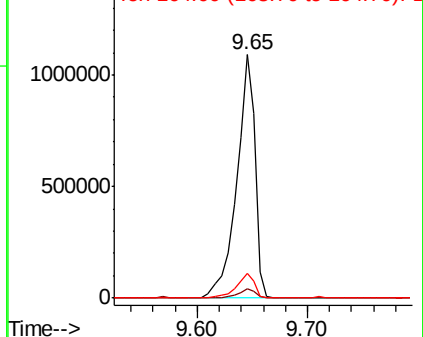
163 100

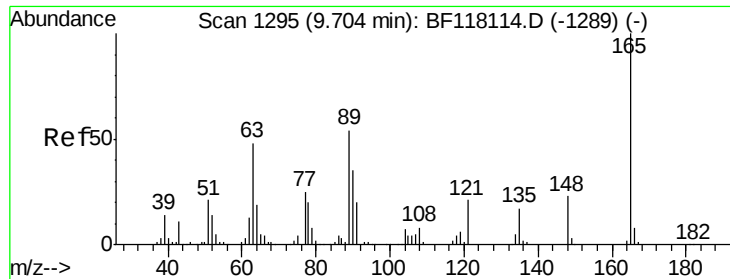
194 3.9 3.1 4.7

164 10.1 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 34.941 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

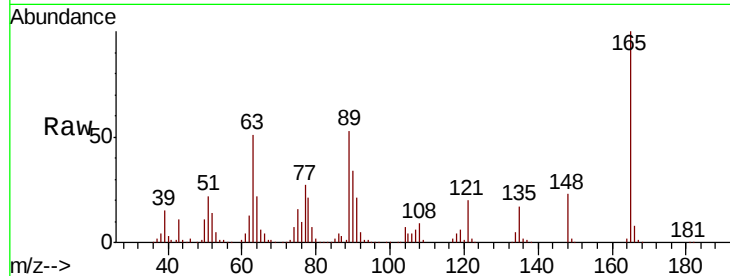
ClientSampleId :

PB125313BS

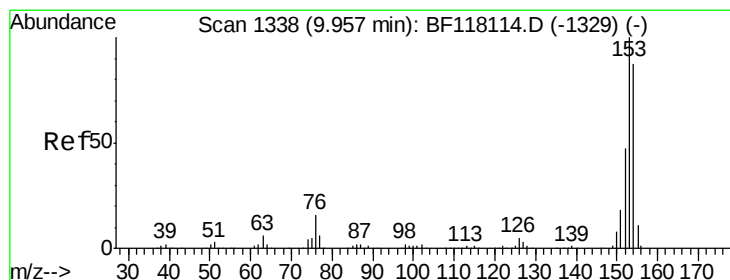
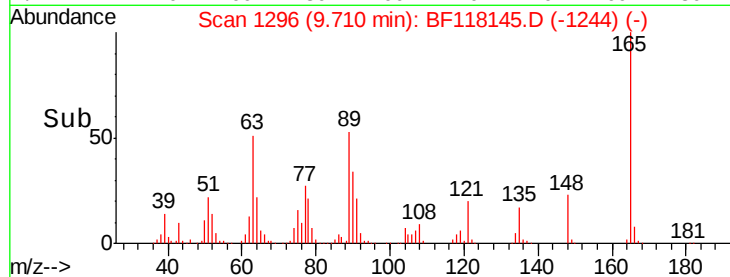
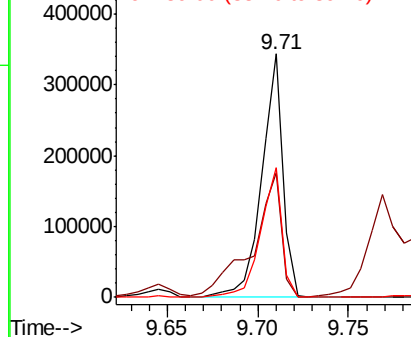
Tot Ion:	165	Resp:	279249
Ion Ratio	Lower	Upper	
165	100		
63	51.3	41.4	62.0
89	53.0	42.9	64.3

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 33.041 ng

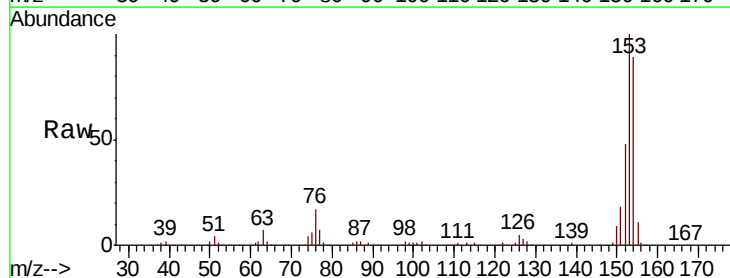
RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

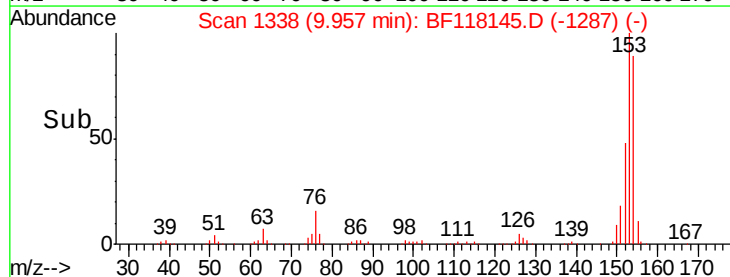
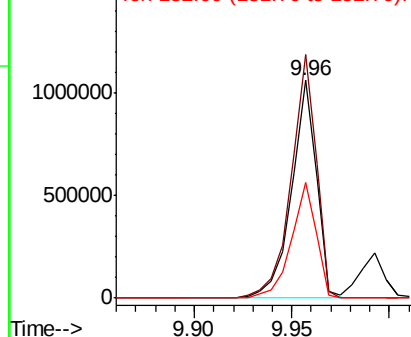
Lab File: BF118145.D

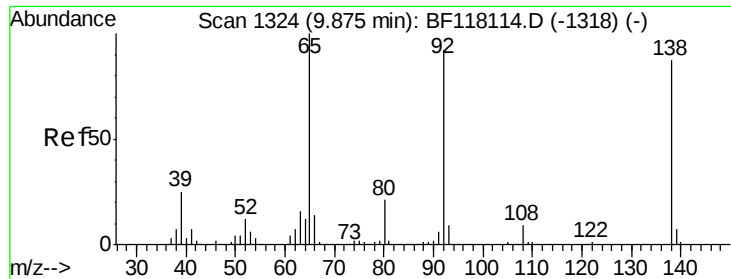
Acq: 9 Dec 2019 15:27

Tgt Ion:	154	Resp:	939002
Ion Ratio	Lower	Upper	
154	100		
153	112.0	91.8	137.6
152	53.4	43.3	64.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





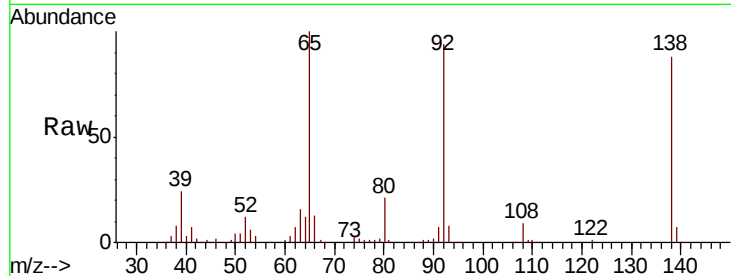
#53
3-Nitroaniline
Concen: 24.021 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	8.2	12.4
92	107.2	84.9	127.3

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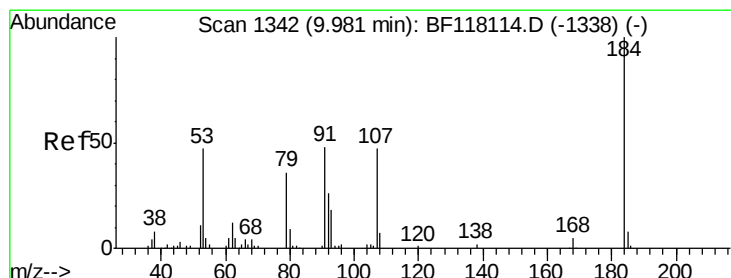
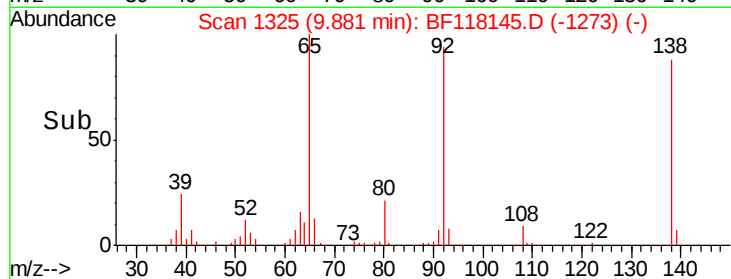
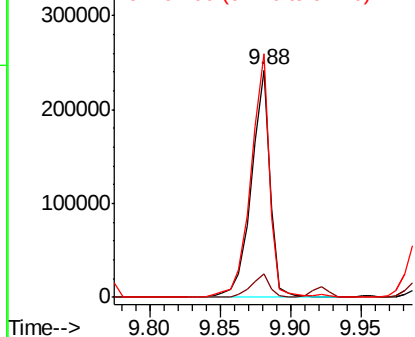


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 75.463 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

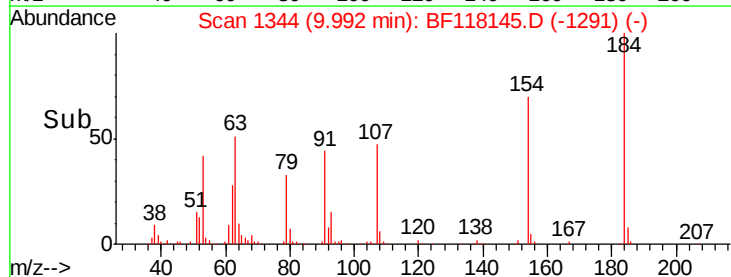
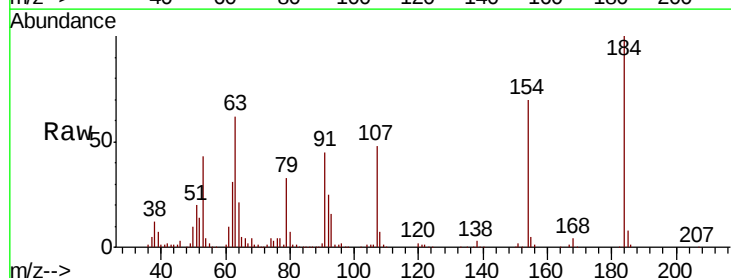
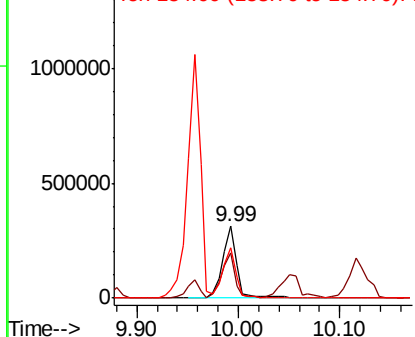
Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.1	53.9	80.9
154	70.1	56.3	84.5

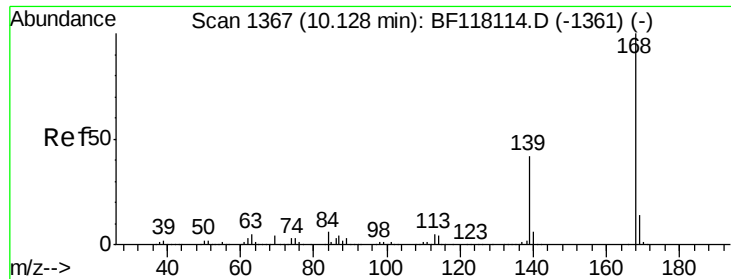
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





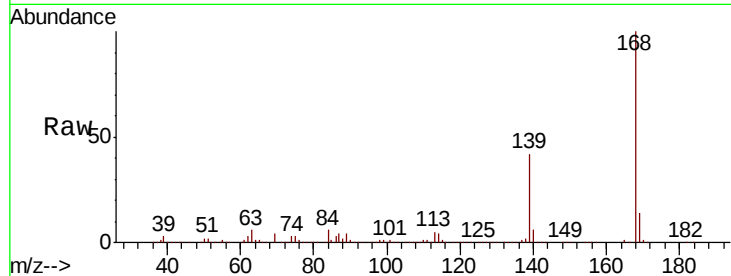
#55
Dibenzofuran
Concen: 33.985 ng
RT: 10.13 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.3	33.4	50.0
169	13.8	11.0	16.6

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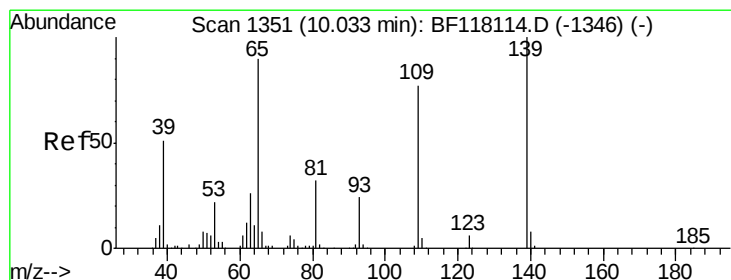
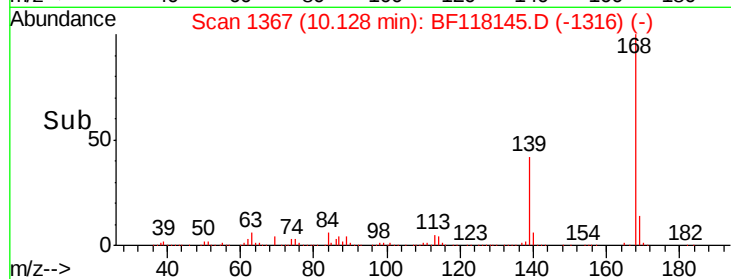
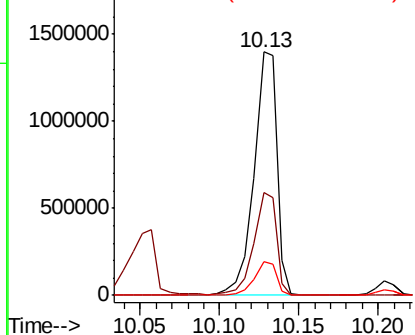


Abundance

Ion 168.00 (167.70 to 168.70): E

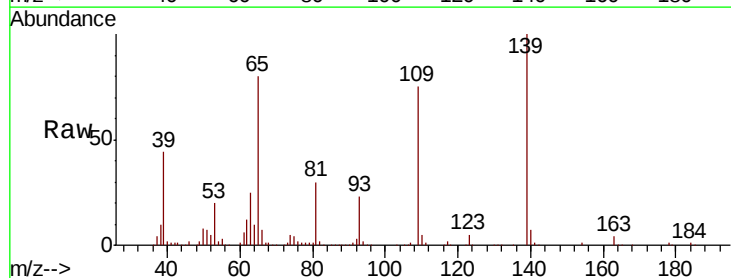
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 68.852 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.02 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.1	57.3	97.3
65	80.3	70.2	110.2

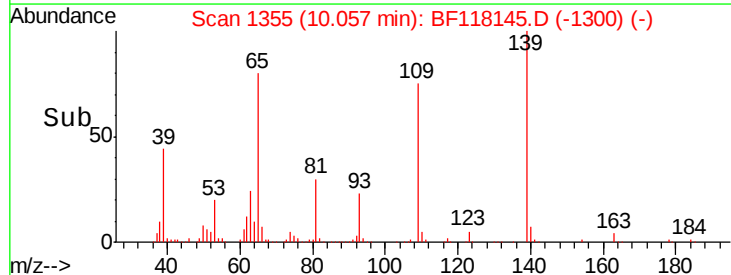
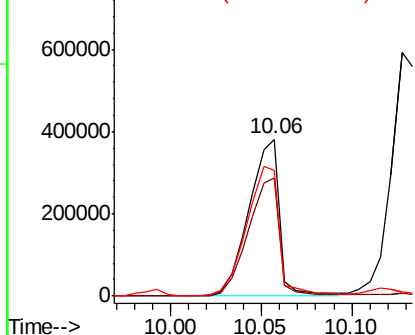


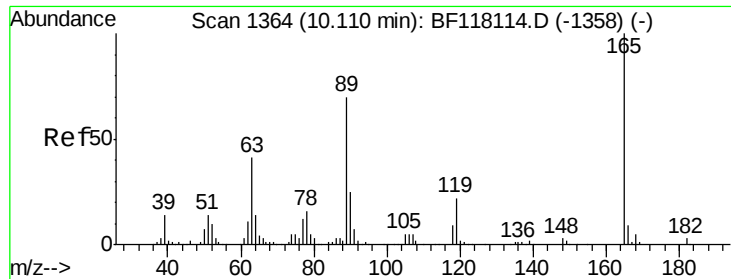
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





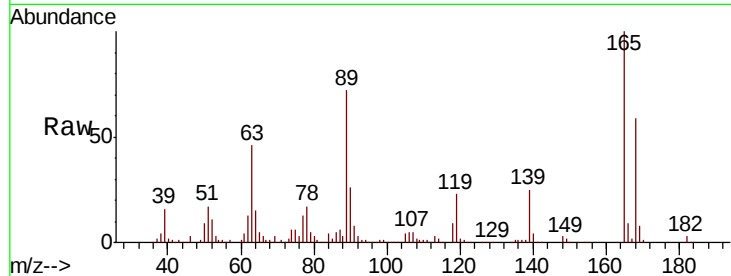
#57
2,4-Dinitrotoluene
Concen: 34.697 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	370116		
63	46.4		32.6	49.0
89	72.5		56.1	84.1
182	3.1		2.1	3.1

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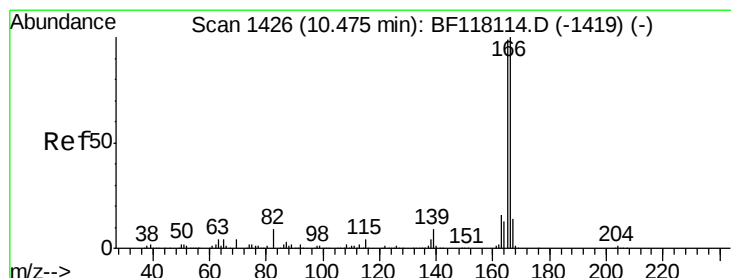
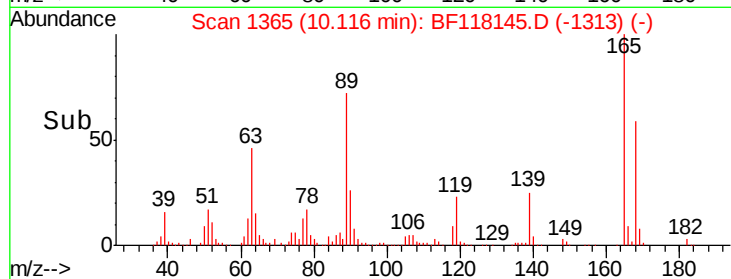
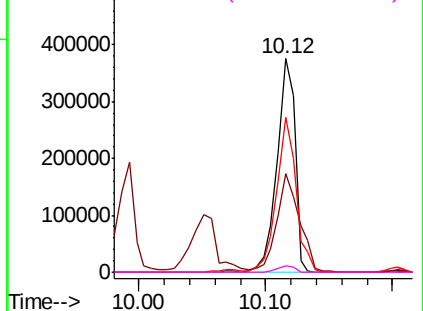
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 33.666 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

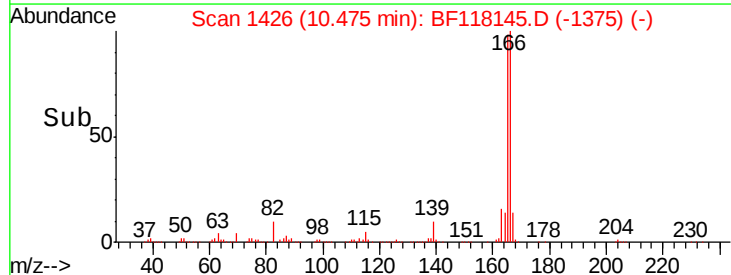
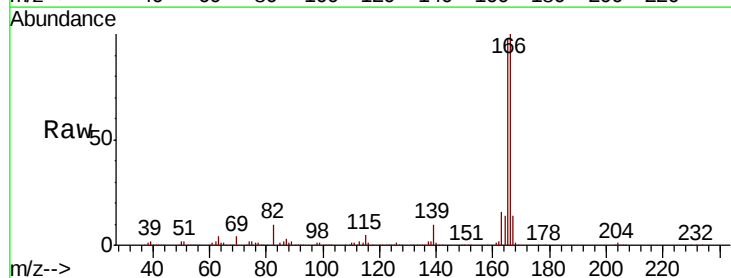
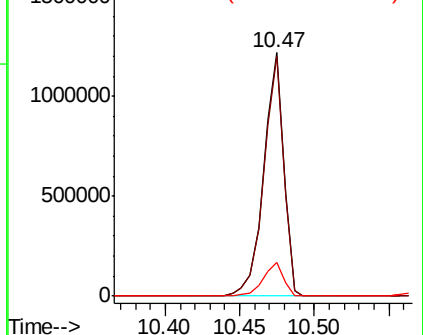
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1114111		
165	98.5		79.0	118.4
167	13.7		10.9	16.3

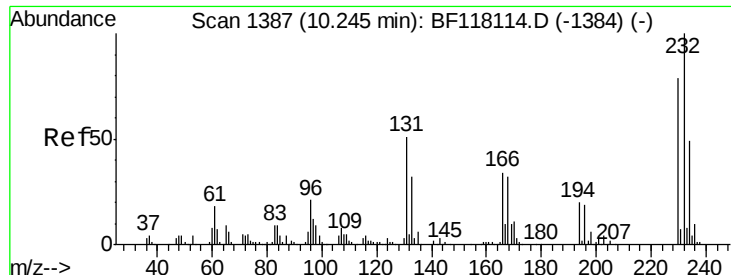
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





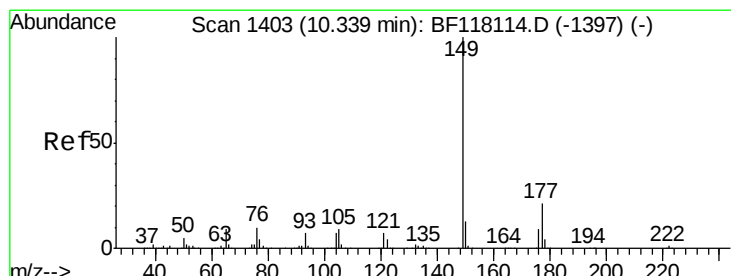
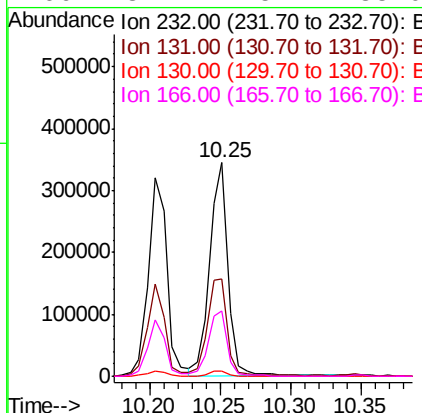
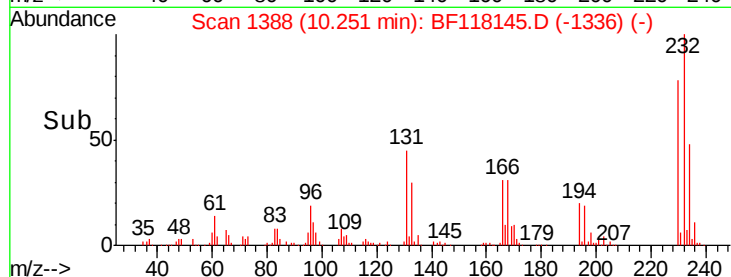
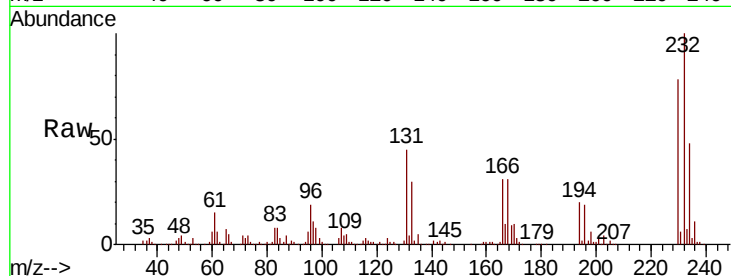
#59
2,3,4,6-Tetrachlorophenol
Concen: 35.794 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	307921		
131	49.9		38.8	58.2
130	2.4		1.9	2.9
166	32.2		25.4	38.0

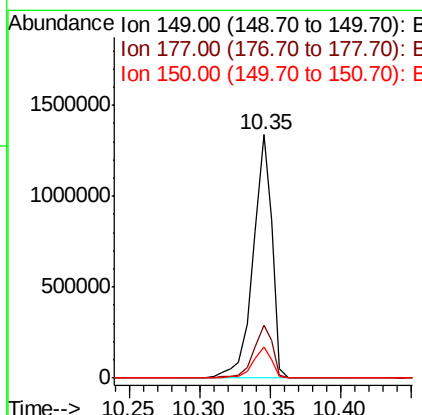
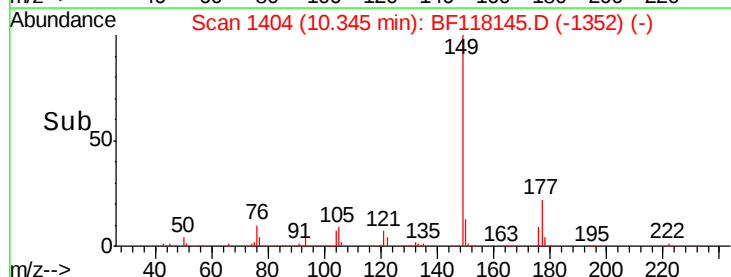
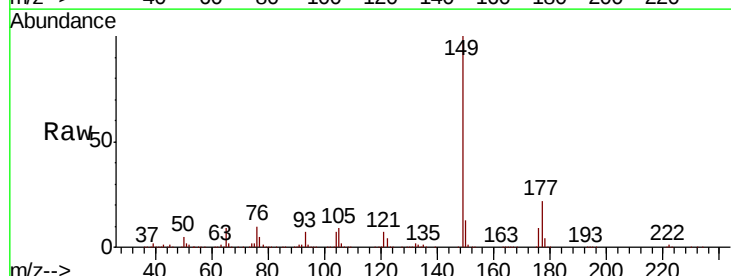
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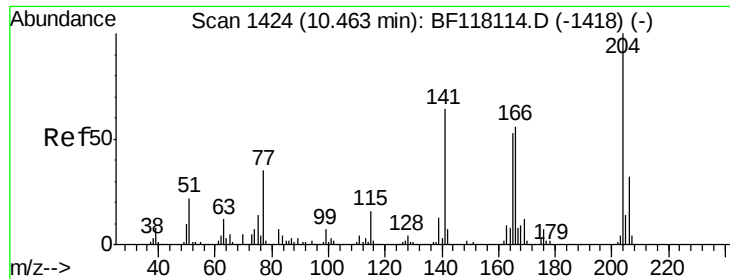
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#60
Diethylphthalate
Concen: 34.567 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1251736		
177	21.8		17.0	25.4
150	12.9		10.1	15.1





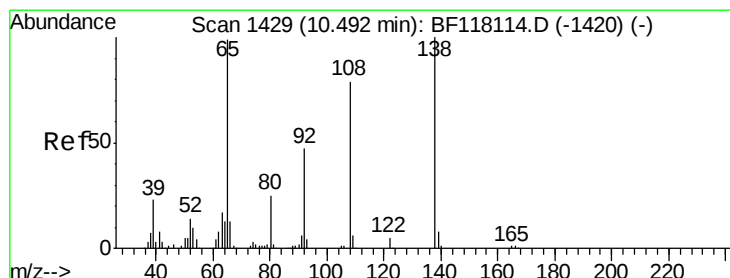
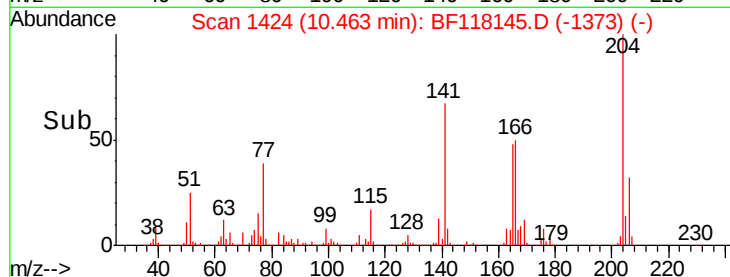
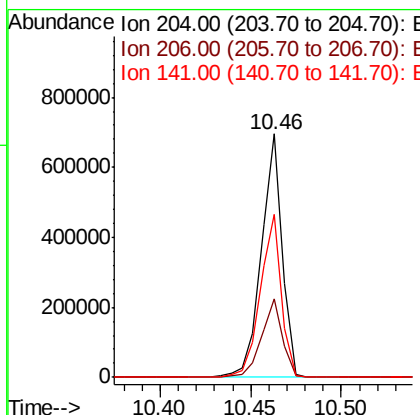
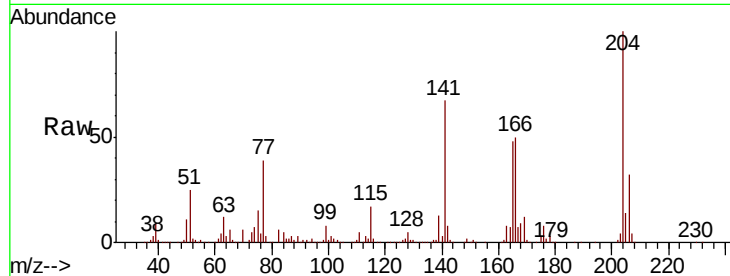
#61
 4-Chlorophenyl-phenylether
 Concen: 33.529 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB125313BS

Tot Ion:	204	Resp:	558290
Ion Ratio	Lower	Upper	
204	100		
206	32.3	26.0	39.0
141	67.0	51.0	76.6

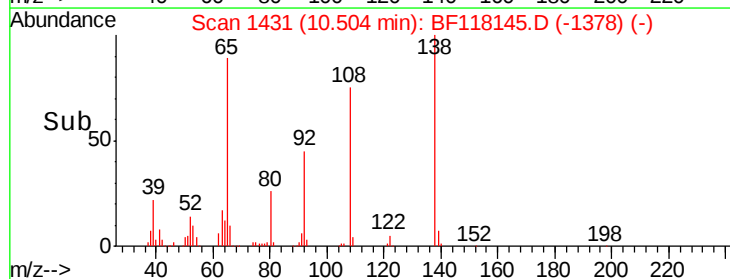
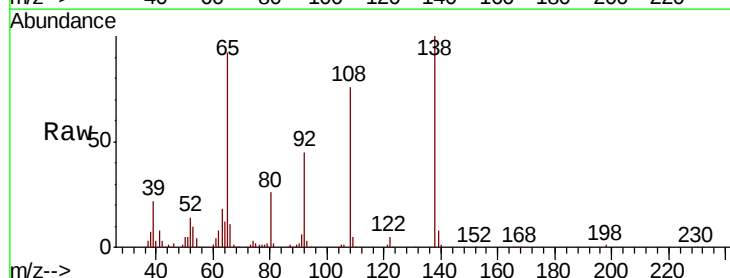
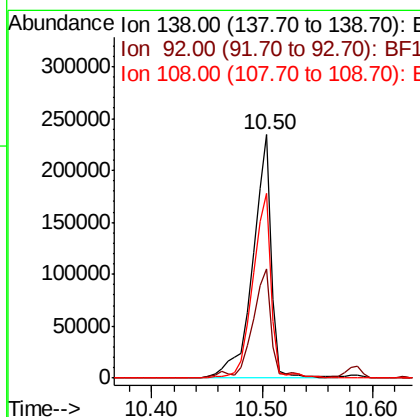
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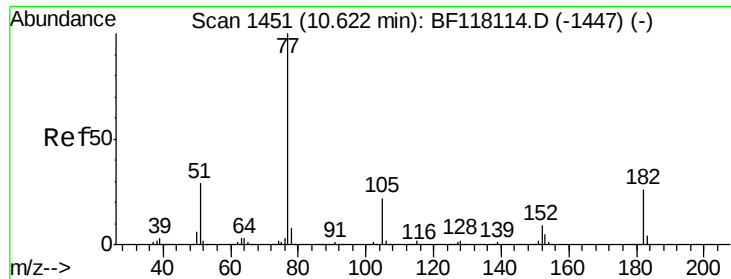
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#62
 4-Nitroaniline
 Concen: 28.010 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tgt Ion:	138	Resp:	274763
Ion Ratio	Lower	Upper	
138	100		
92	45.0	27.1	67.1
108	75.9	59.0	99.0





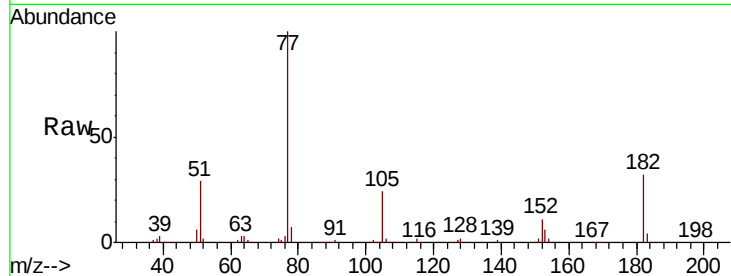
#63
Azobenzene
Concen: 34.324 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.5	5.7	45.7
105	23.7	2.2	42.2
51	28.8	9.6	49.6

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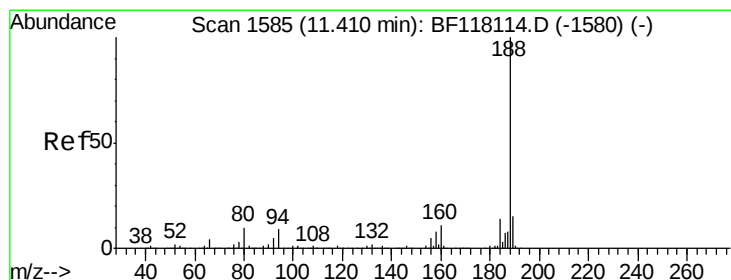
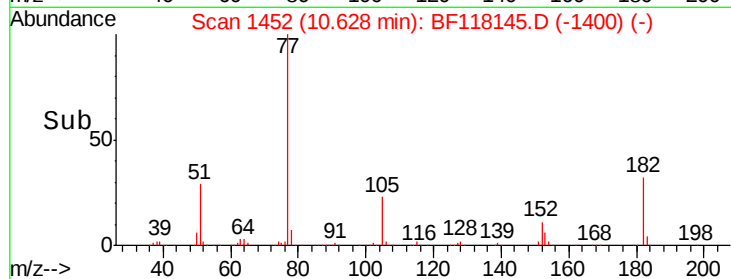
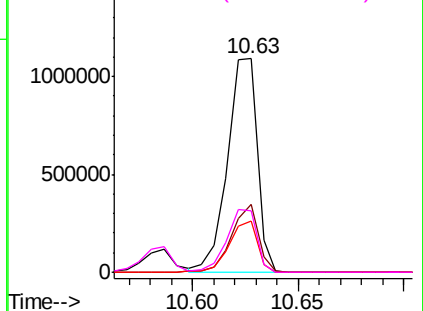
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

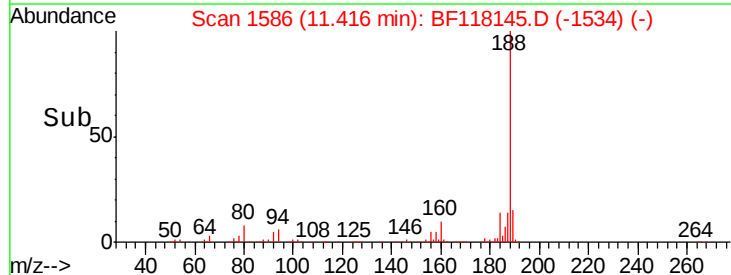
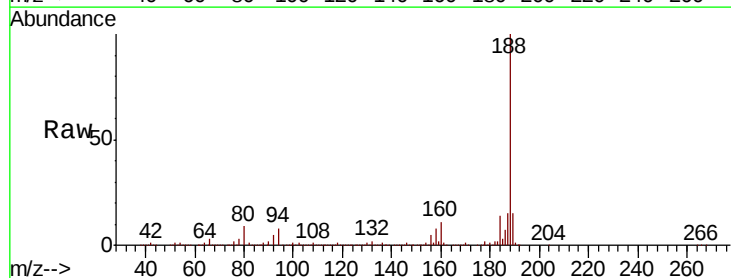
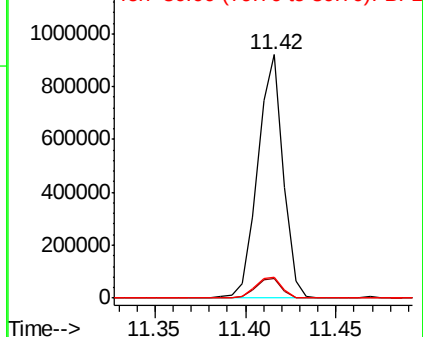
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.1	10.7
80	8.7	7.9	11.9

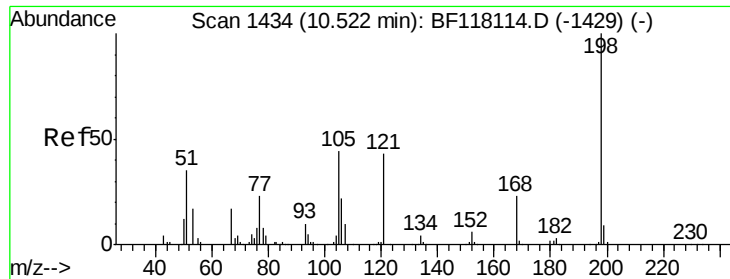
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





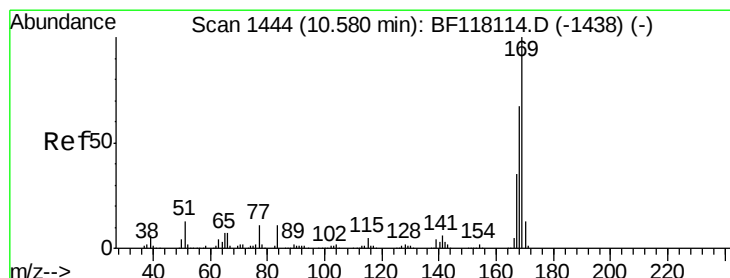
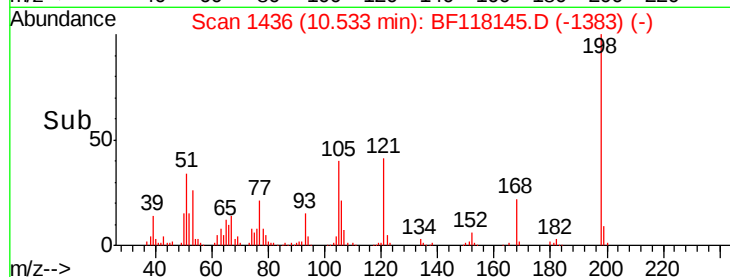
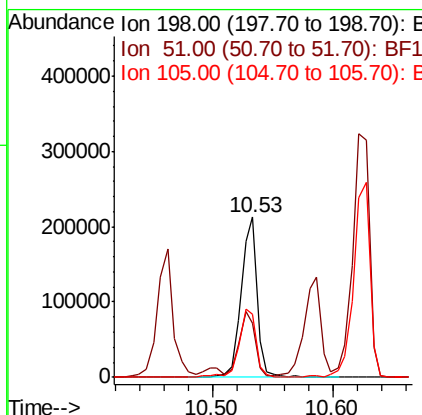
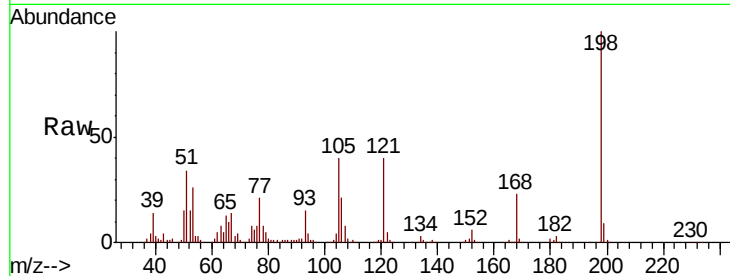
#65
4,6-Dinitro-2-methylphenol
Concen: 39.685 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	196933		
51	34.2	22.0	62.0	
105	39.5	25.6	65.6	

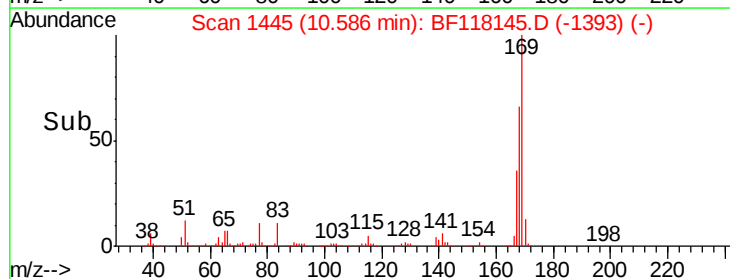
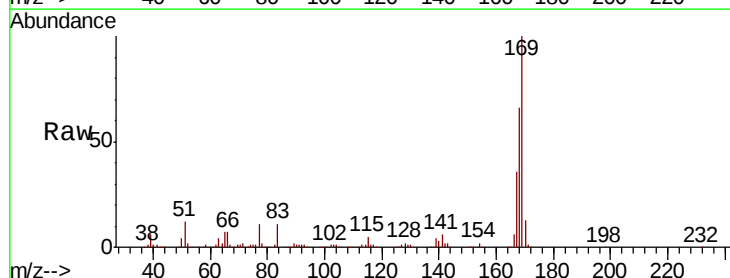
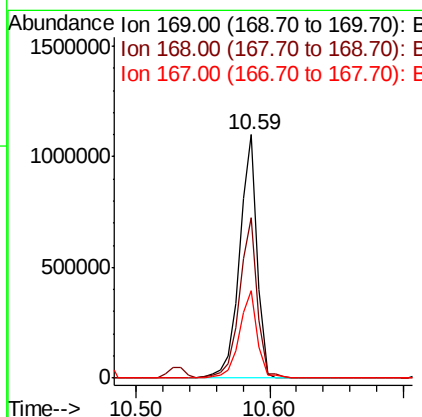
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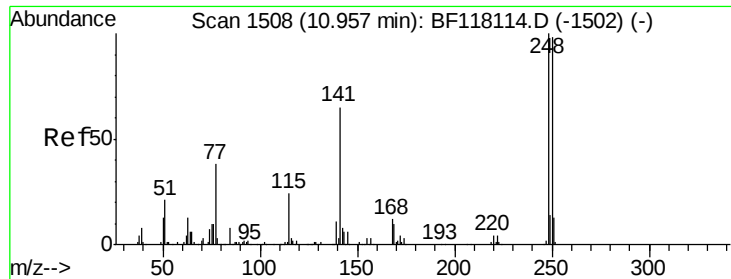
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#66
n-Nitrosodiphenylamine
Concen: 35.756 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1003363		
168	65.9	53.4	80.2	
167	36.0	28.4	42.6	





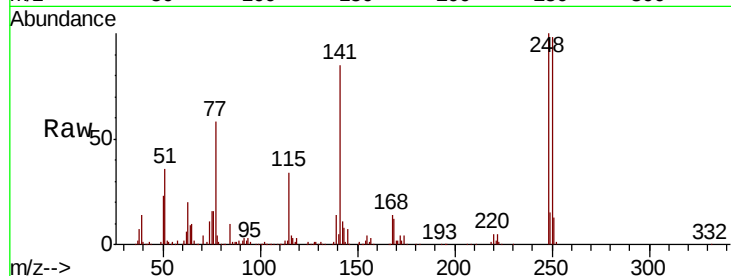
#67
4-Bromophenyl-phenylether
Concen: 35.003 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

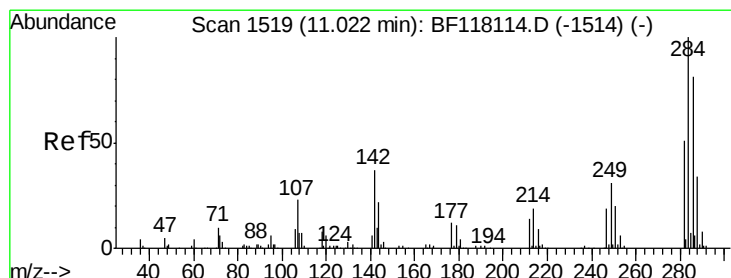
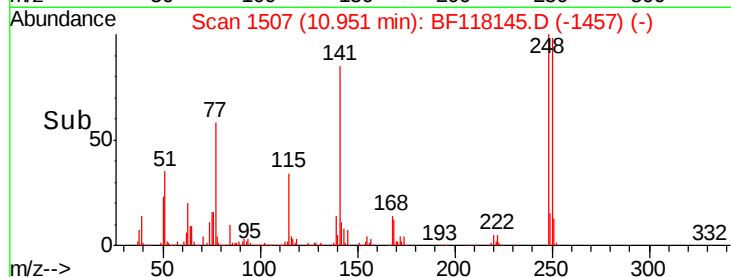
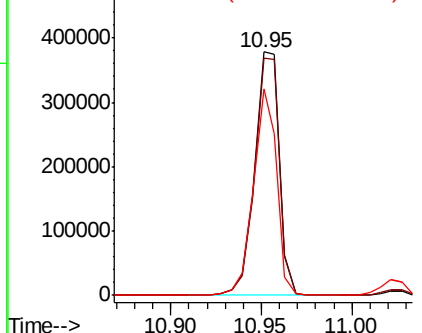
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.3	117.5
141	84.6	52.2	78.4

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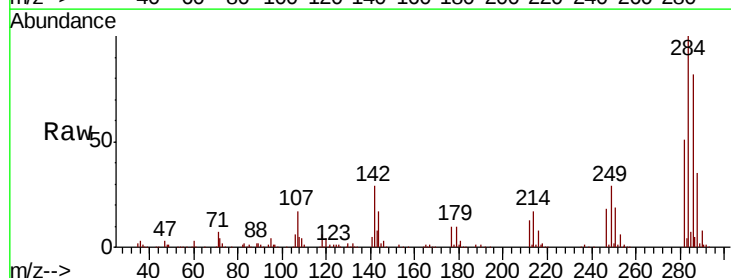


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

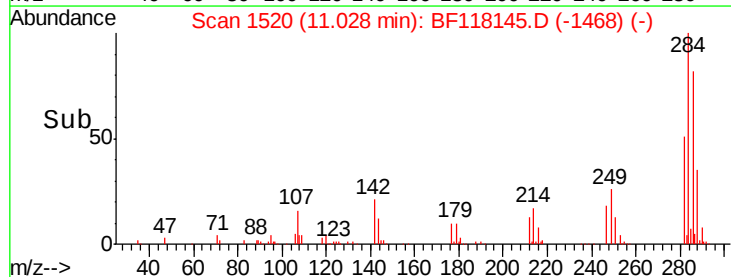
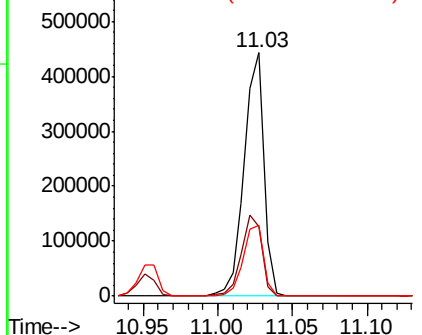


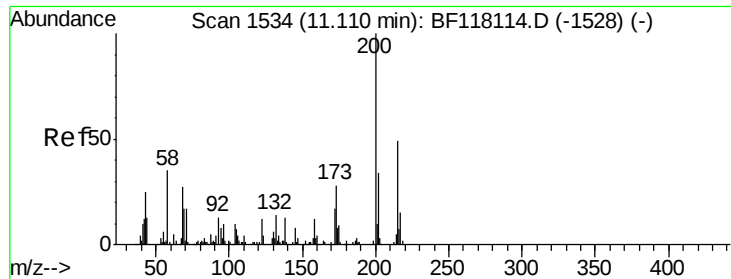
#68
Hexachlorobenzene
Concen: 33.736 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	29.7	44.5
249	29.2	24.6	37.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





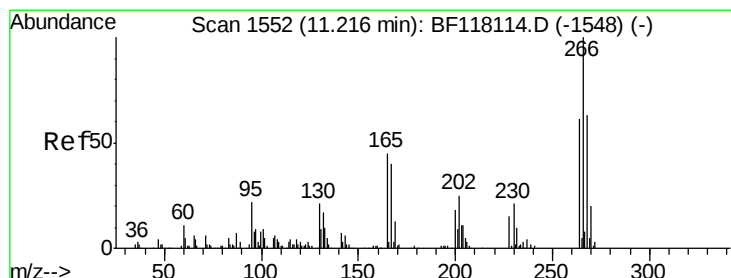
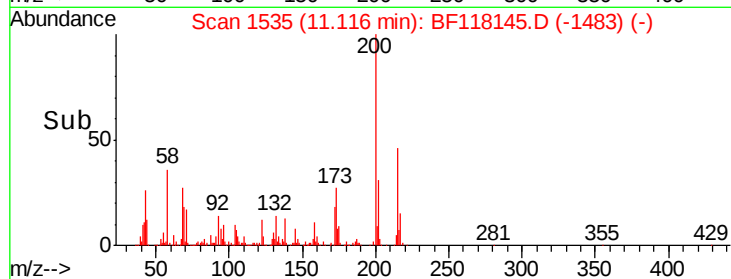
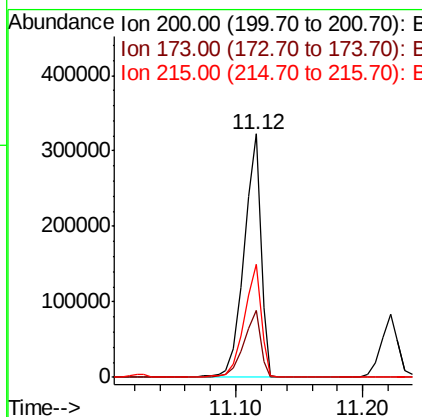
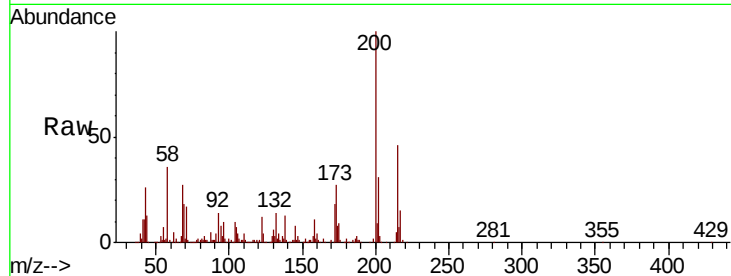
#69
 Atrazine
 Concen: 37.196 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB125313BS

Tot Ion:	200	Resp:	295230
Ion Ratio	Lower	Upper	
200	100		
173	27.4	8.1	48.1
215	46.3	29.0	69.0

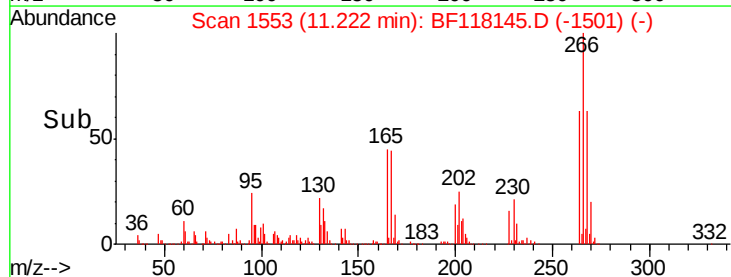
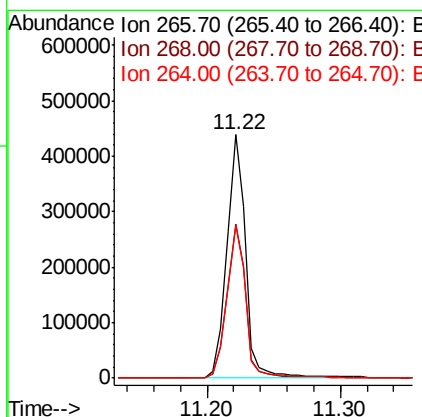
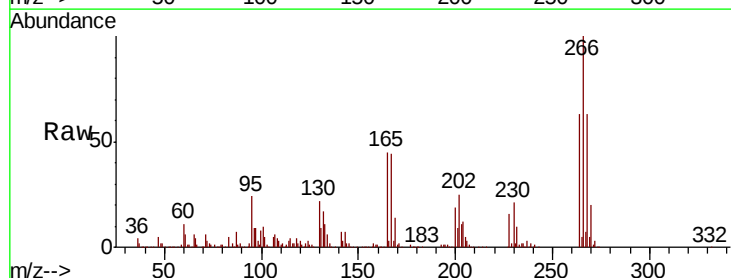
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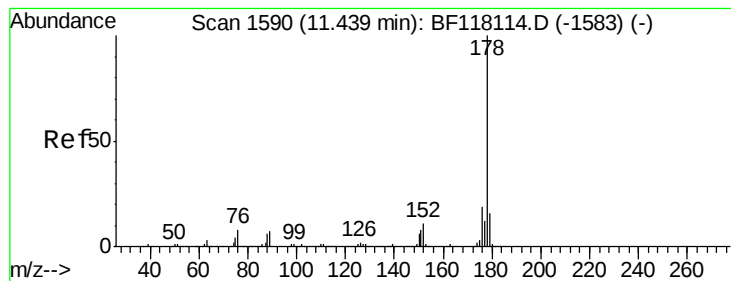
mohammad
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#70
 Pentachlorophenol
 Concen: 77.126 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. 0.01 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tgt Ion:	266	Resp:	437897
Ion Ratio	Lower	Upper	
266	100		
268	63.1	50.7	76.1
264	62.9	48.7	73.1





#71

Phenanthrene

Concen: 34.570 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB125313BS

Tot Ion:178 Resp: 1651297

Ion Ratio Lower Upper

178 100

176 20.0 15.5 23.3

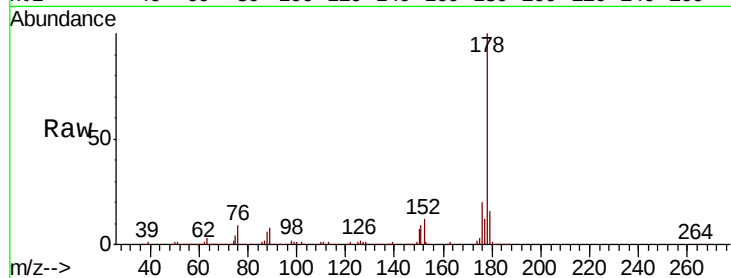
179 15.9 12.6 18.8

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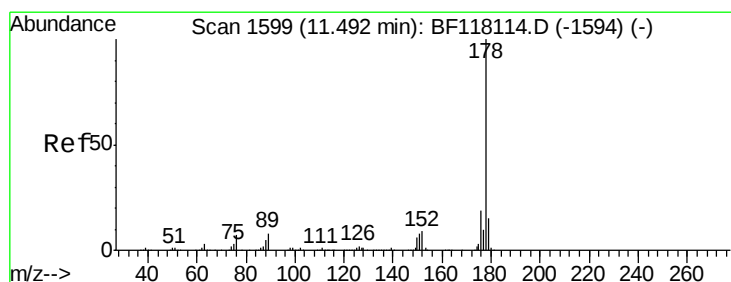
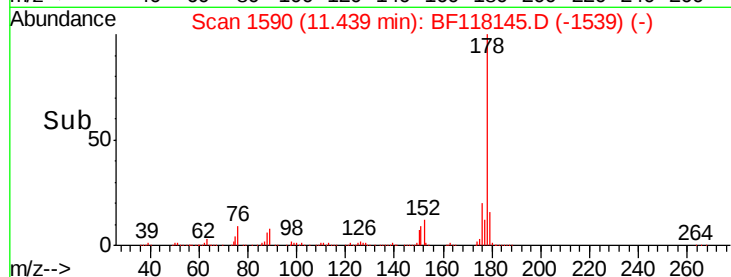
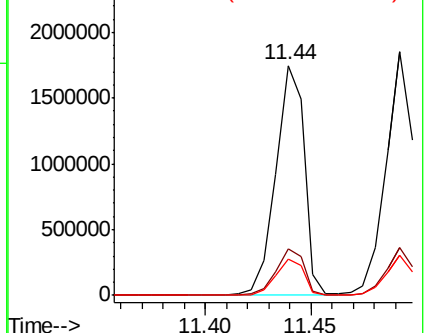
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 34.682 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Tgt Ion:178 Resp: 1652645

Ion Ratio Lower Upper

178 100

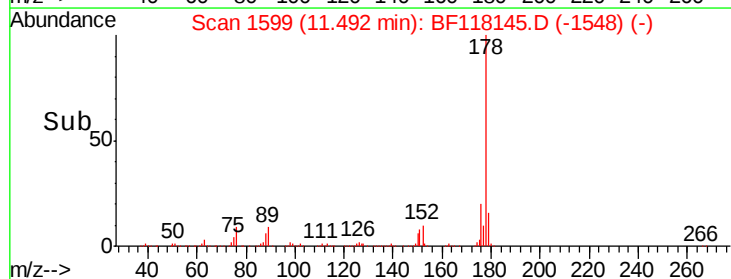
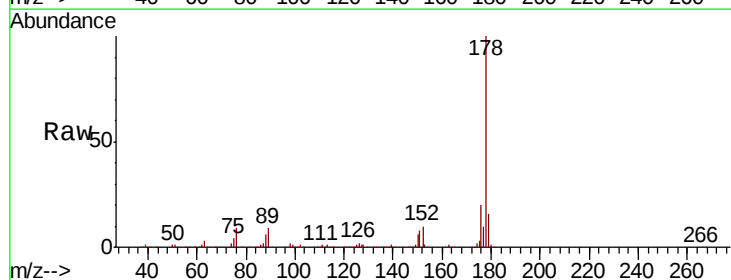
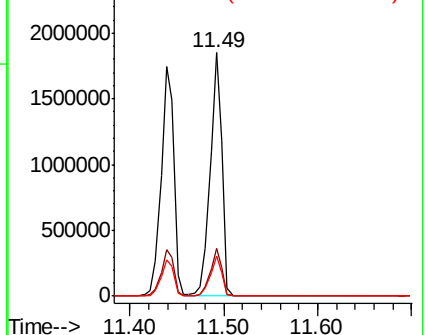
176 19.5 15.0 22.6

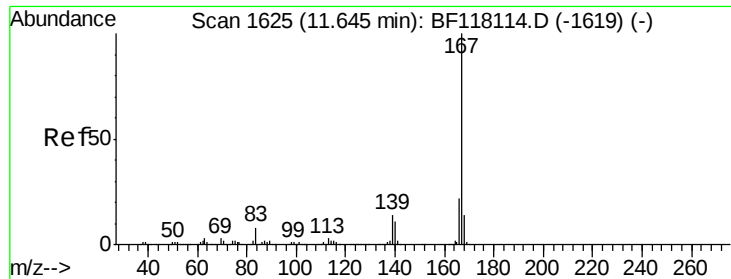
179 16.3 12.2 18.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





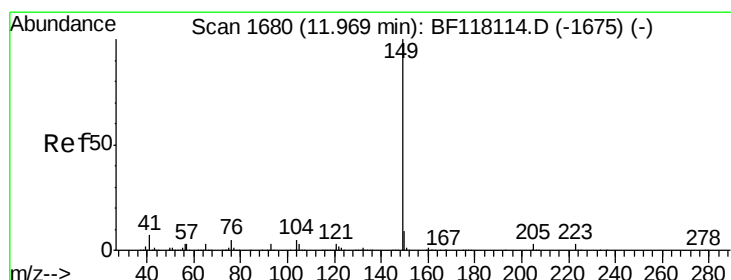
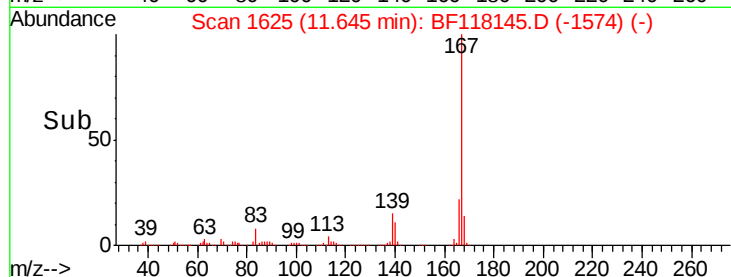
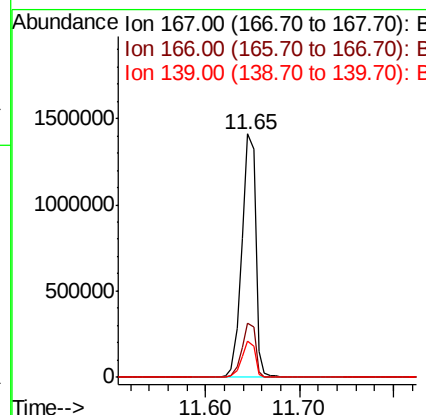
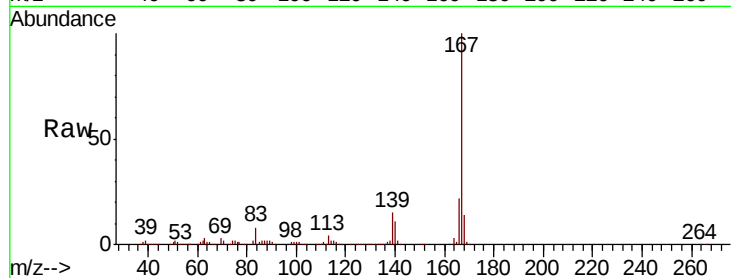
#73
 Carbazole
 Concen: 33.965 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. 0.00 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB125313BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.4	26.2
139	14.7	11.4	17.0

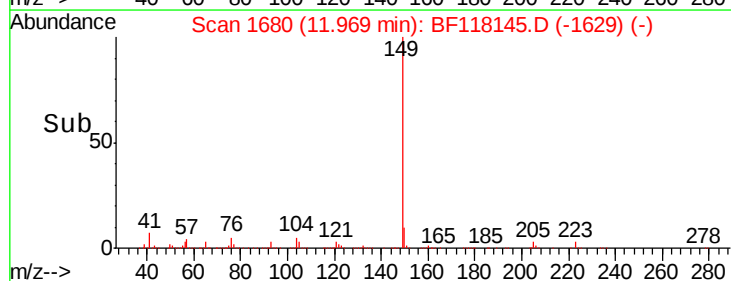
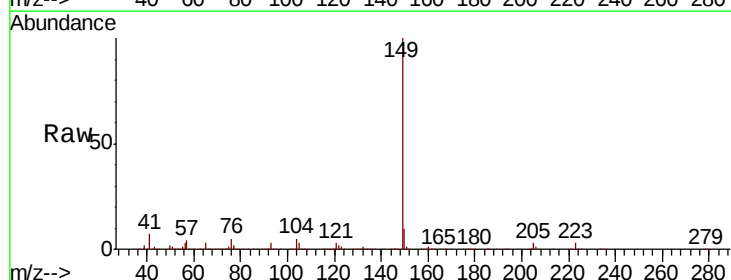
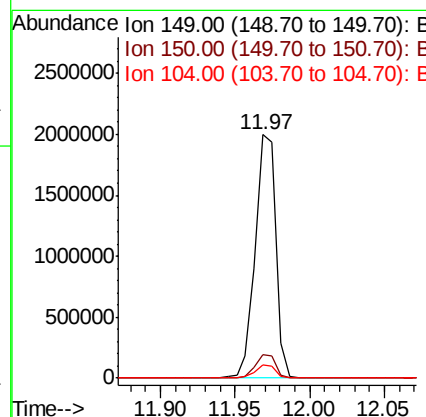
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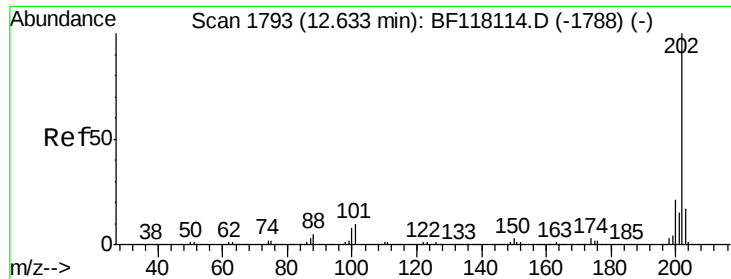
mohammad
 12/10/2019 11:50:14 AM



#74
 Di-n-butylphthalate
 Concen: 35.354 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	5.3	4.3	6.5





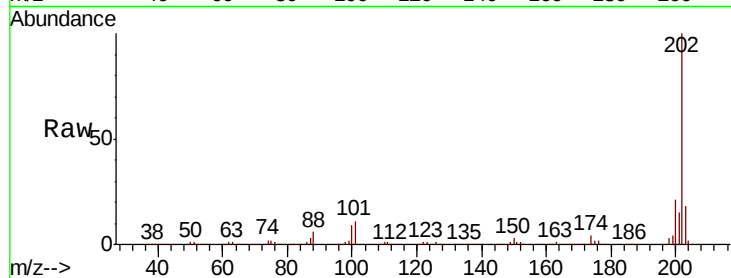
#75
Fluoranthene
Concen: 33.702 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1645939		
101	11.3		0.0	30.4
203	18.1		0.0	37.2

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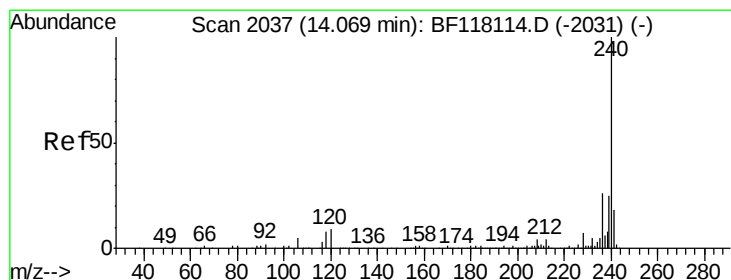
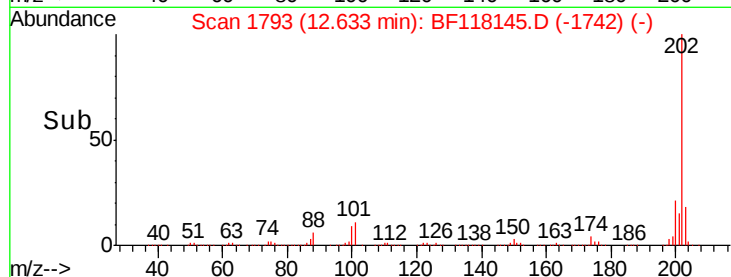
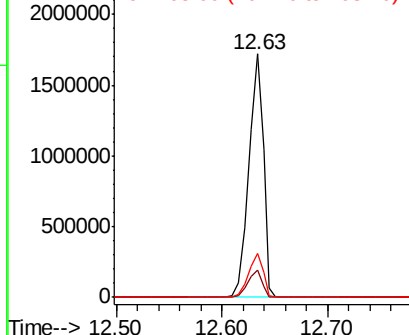


Abundance

Ion 202.00 (201.70 to 202.70): E

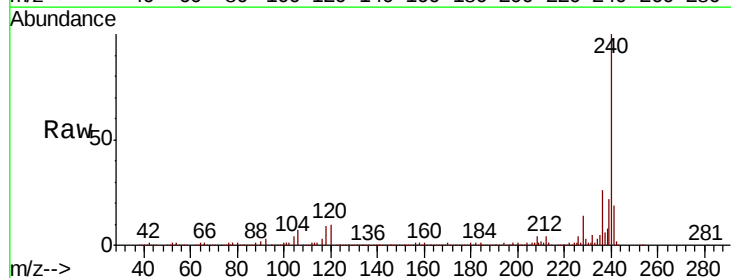
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	587996		
120	9.9		7.1	10.7
236	26.1		21.0	31.6

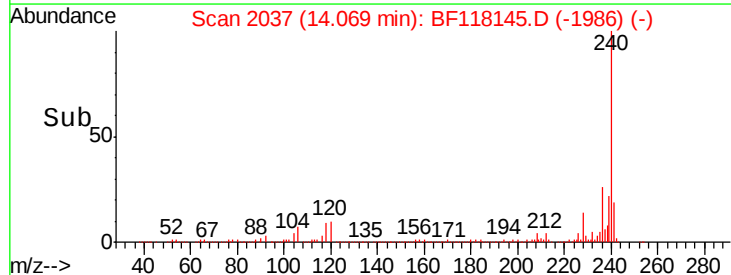
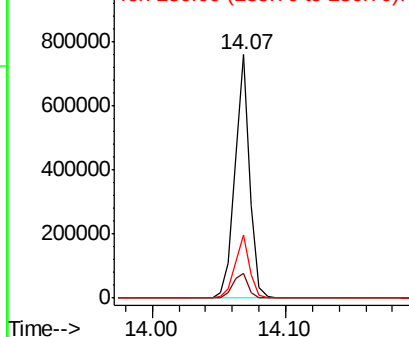


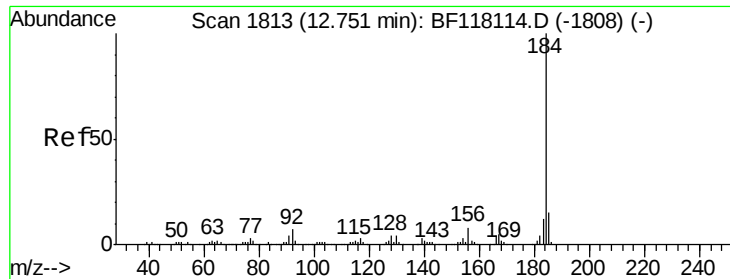
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





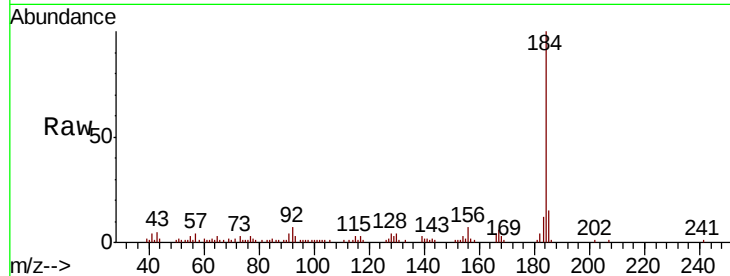
#77
Benzidine
Concen: 4.506 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.3	18.5
183	11.8	9.9	14.9

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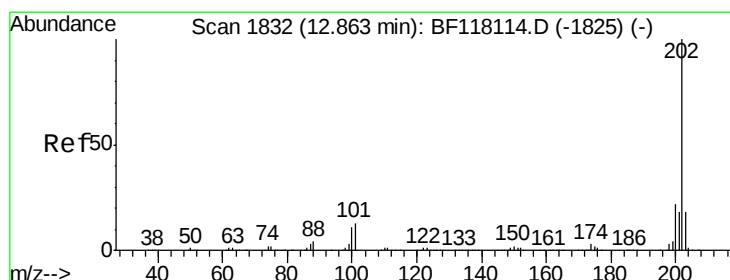
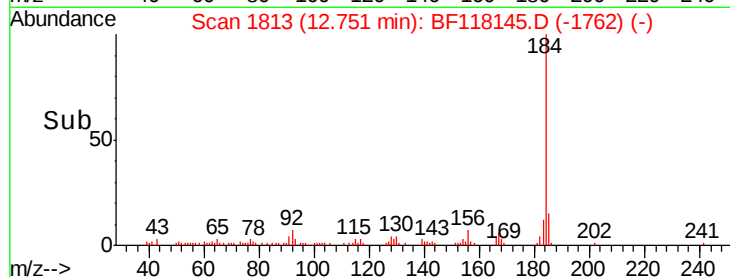
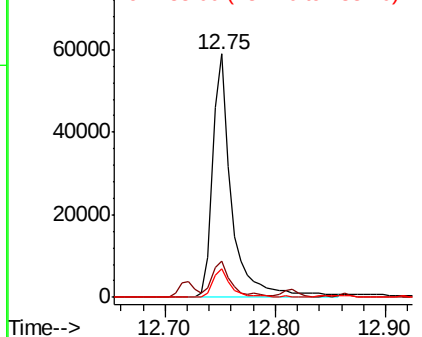


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 35.038 ng
RT: 12.86 min Scan# 1832
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

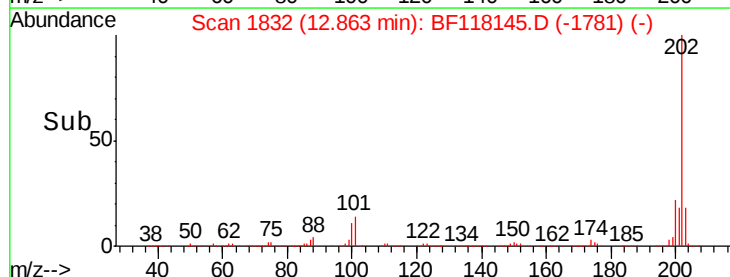
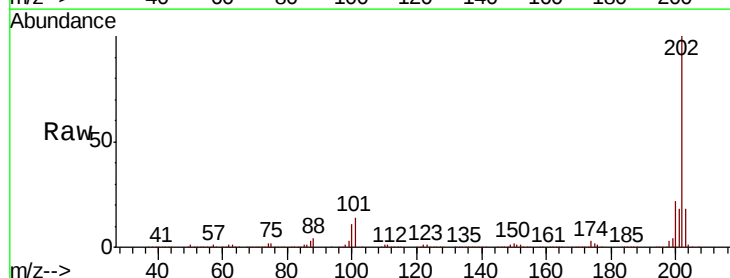
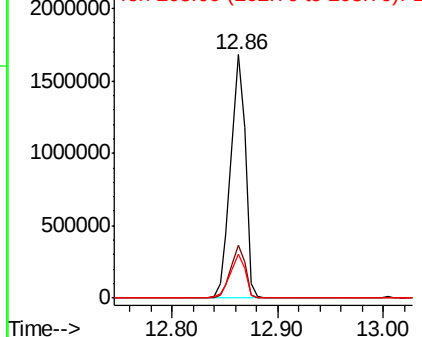
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.5	26.3
203	18.1	14.6	21.8

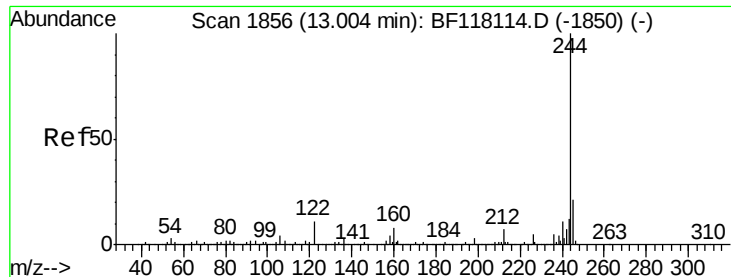
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 56.694 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB125313BS

Tot Ion:244 Resp: 1938546

Ion Ratio Lower Upper

244 100

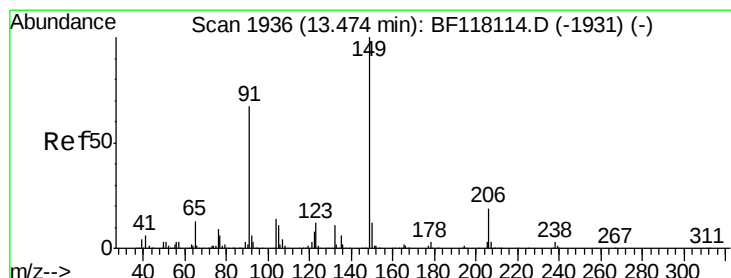
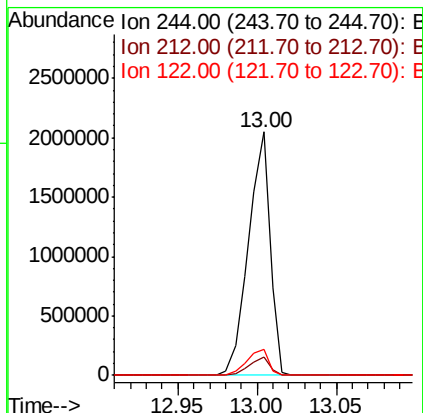
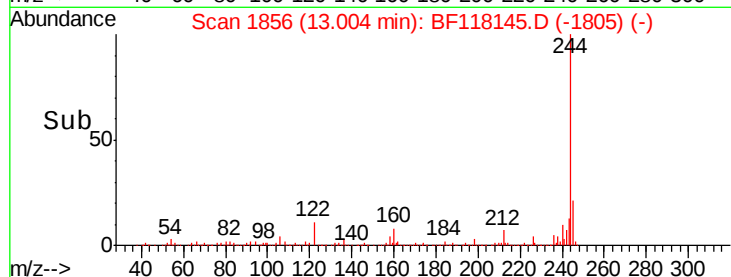
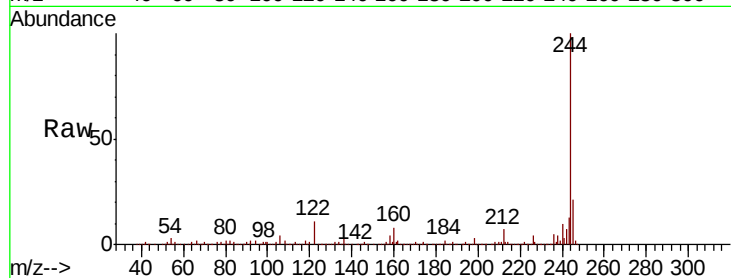
212 7.3 5.9 8.9

122 10.9 9.0 13.6

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#80

Butylbenzylphthalate

Concen: 35.504 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

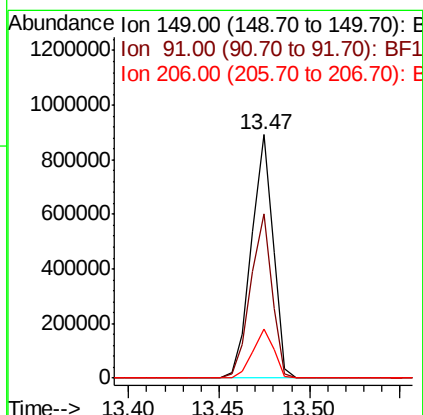
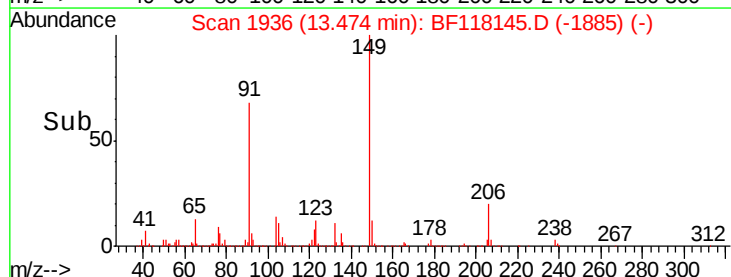
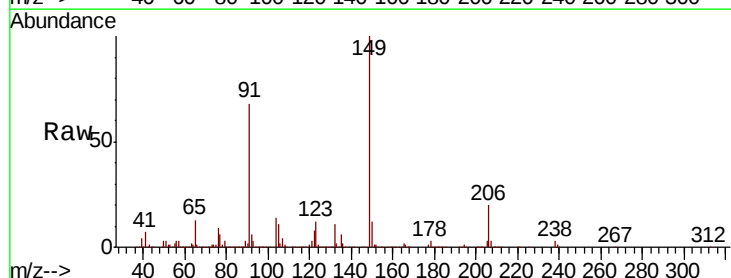
Tgt Ion:149 Resp: 745053

Ion Ratio Lower Upper

149 100

91 67.7 53.9 80.9

206 19.9 15.2 22.8





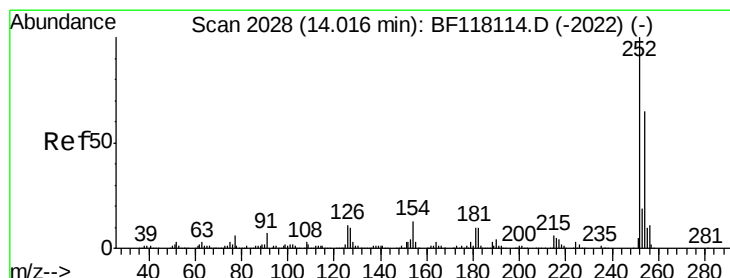
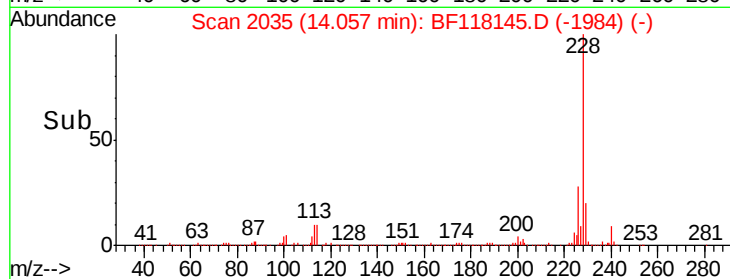
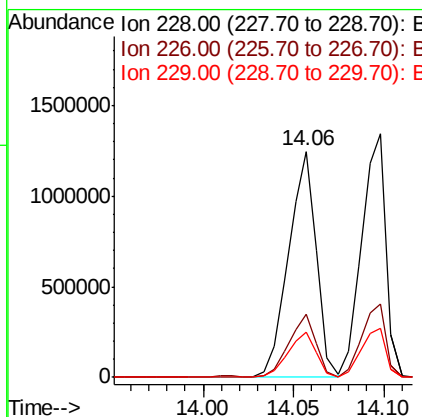
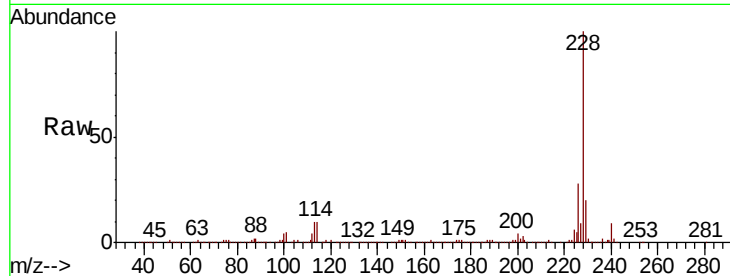
#81
Benzo(a)anthracene
Concen: 32.842 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.8	32.8
229	20.0	15.8	23.8

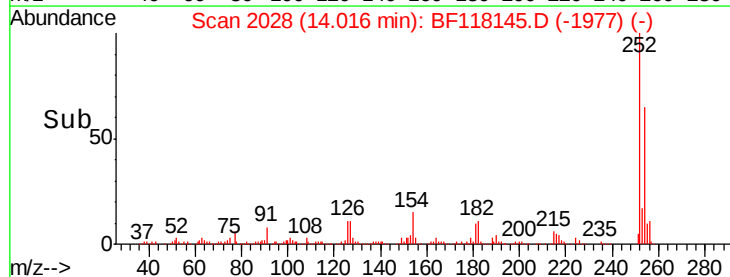
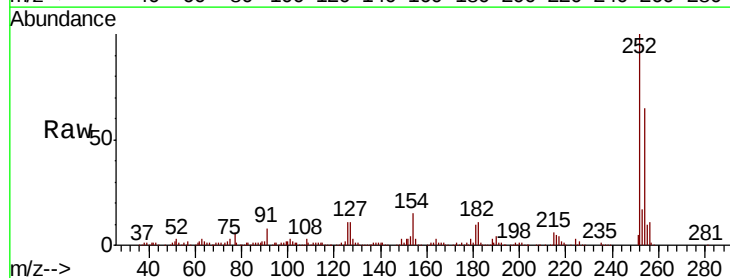
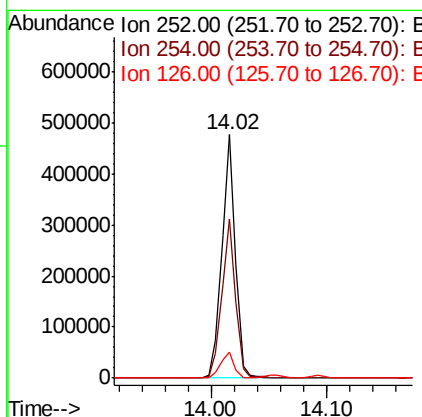
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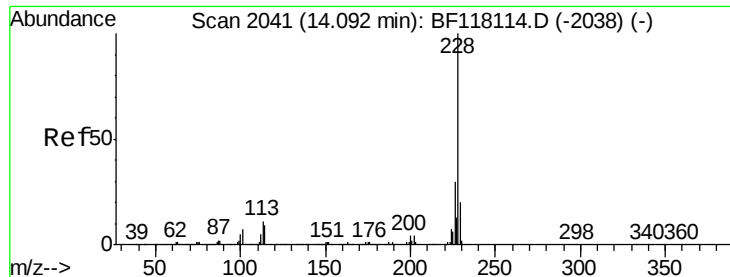
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.162 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.2	78.4
126	10.7	8.6	13.0





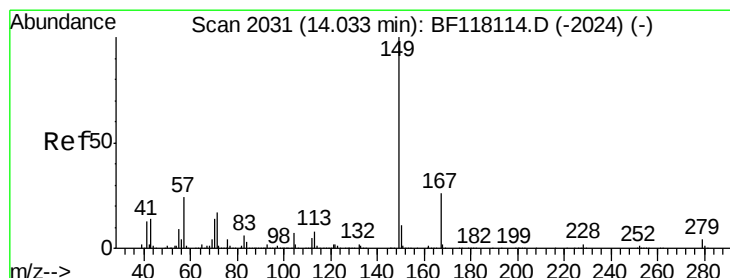
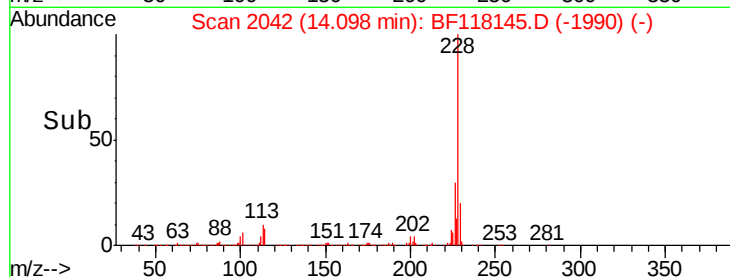
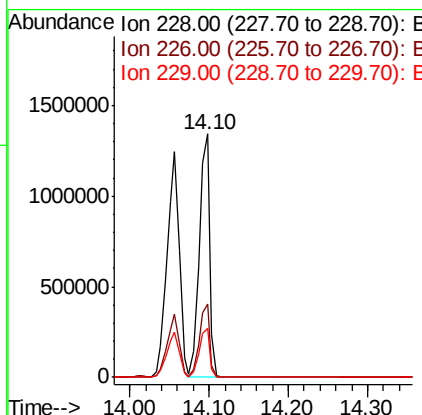
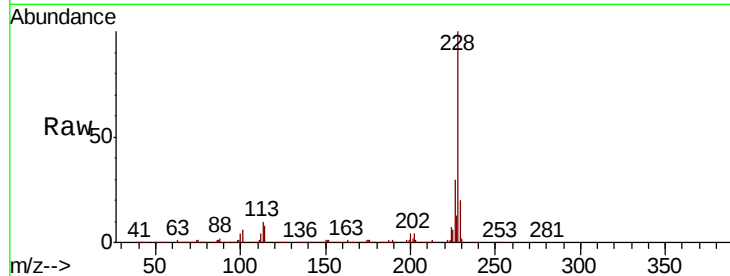
#83
 Chrvsene
 Concen: 32.262 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Instrument :
 BNA_F
 ClientSampleId :
 PB125313BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.8
229	20.1	15.7	23.5

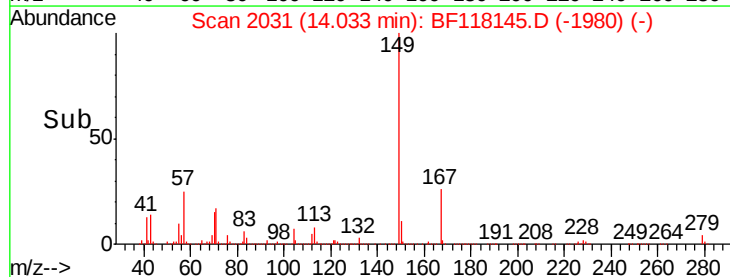
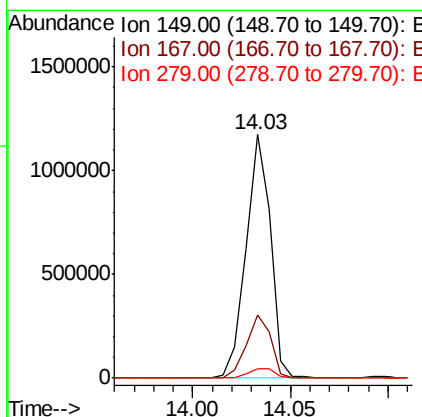
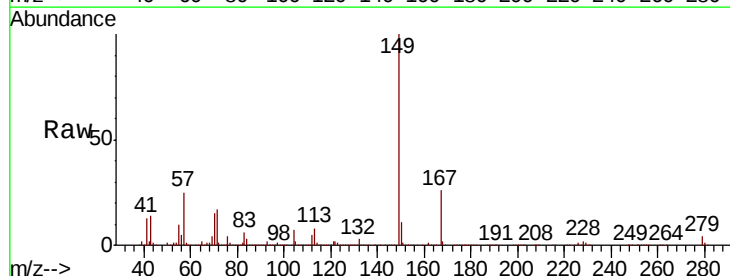
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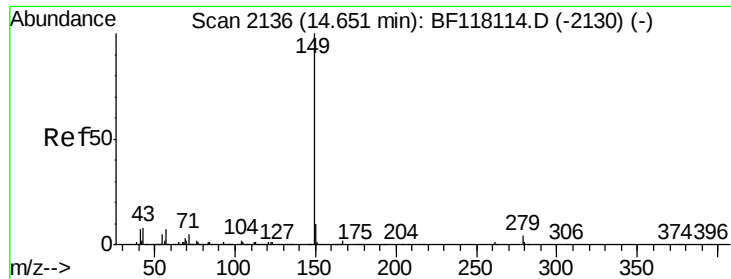
mohammad
 12/10/2019 11:50:14 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.850 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. 0.00 min
 Lab File: BF118145.D
 Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.1	20.8	31.2
279	4.1	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 35.924 ng

RT: 14.65 min Scan# 2136

Delta R.T. 0.00 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

Instrument :

BNA_F

ClientSampleId :

PB125313BS

Tot Ion:149 Resp: 1505827

Ion Ratio Lower Upper

149 100

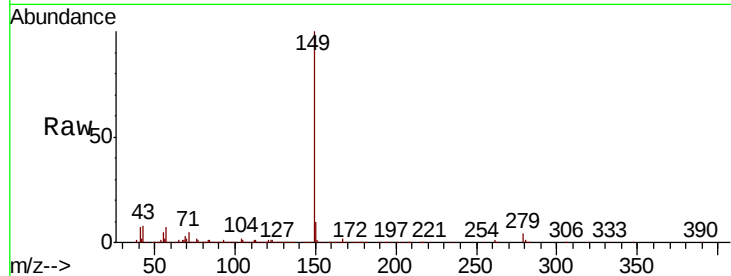
167 1.6 1.3 1.9

43 8.2 6.5 9.7

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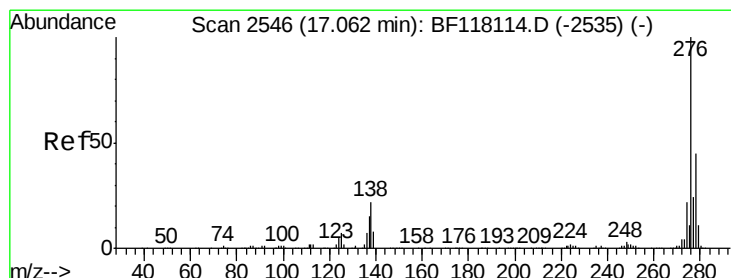
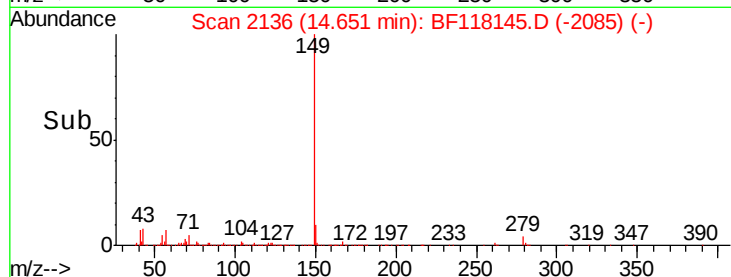
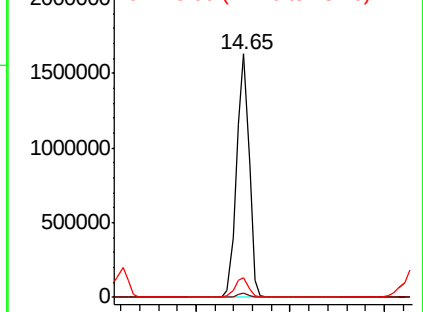
12/10/2019 11:50:14 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 32.169 ng

RT: 17.07 min Scan# 2548

Delta R.T. 0.01 min

Lab File: BF118145.D

Acq: 9 Dec 2019 15:27

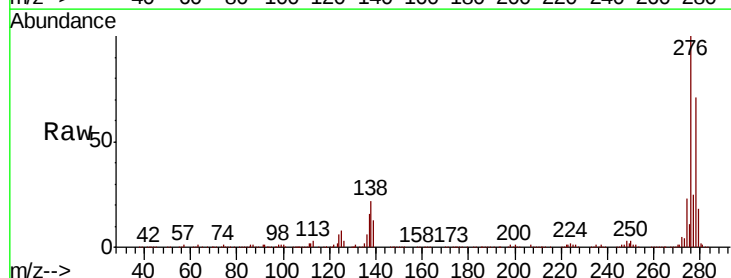
Tgt Ion:276 Resp: 1051218

Ion Ratio Lower Upper

276 100

138 23.6 18.9 28.3

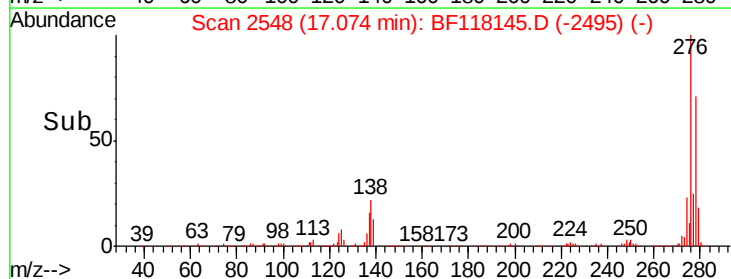
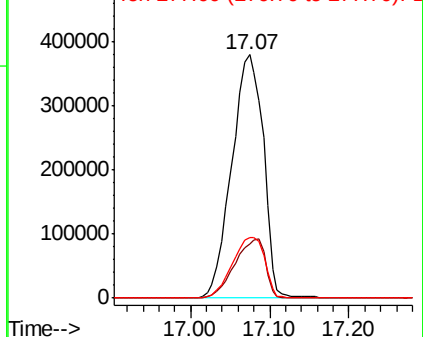
277 25.8 20.4 30.6

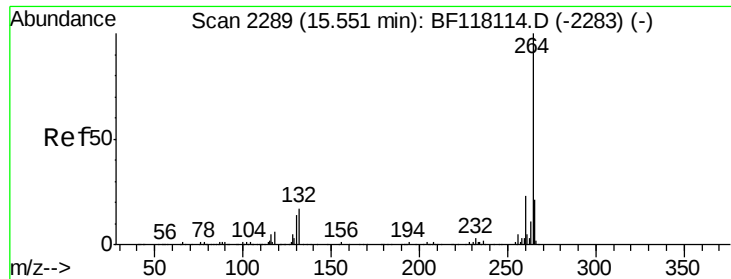


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





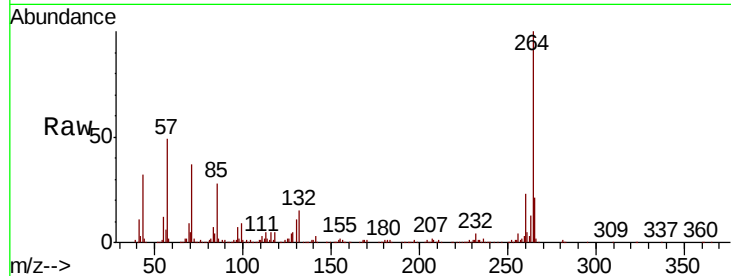
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.2	16.8	25.2

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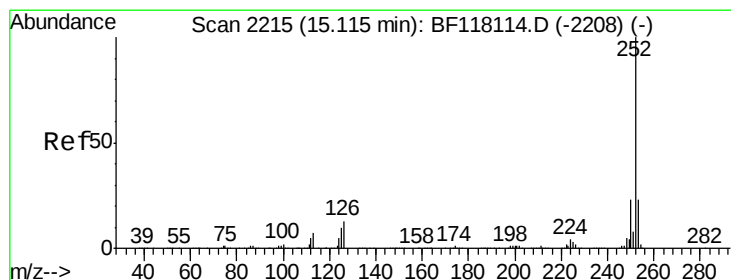
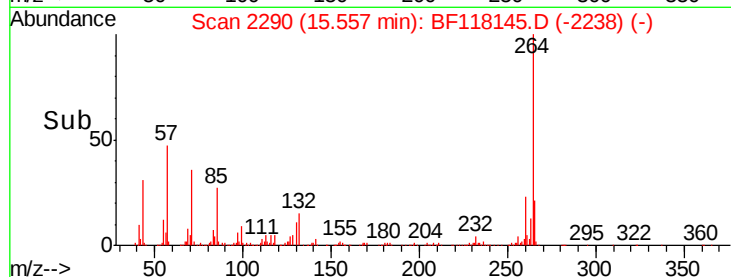
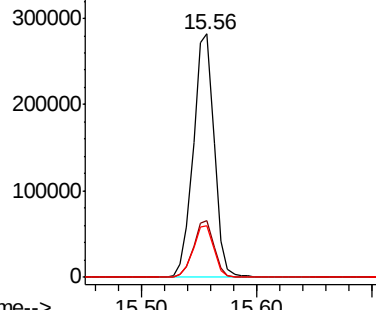


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 47.391 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

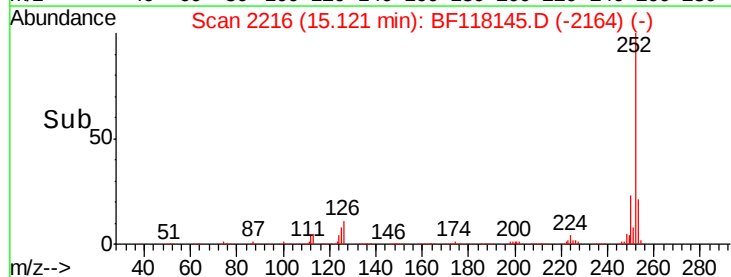
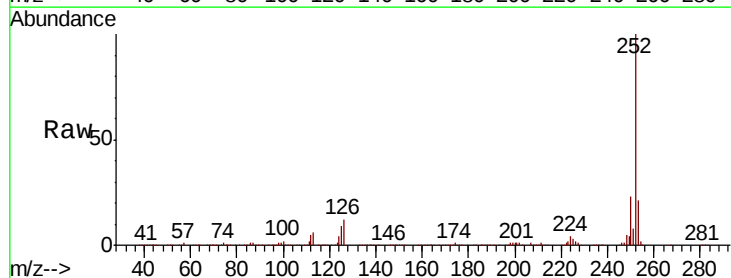
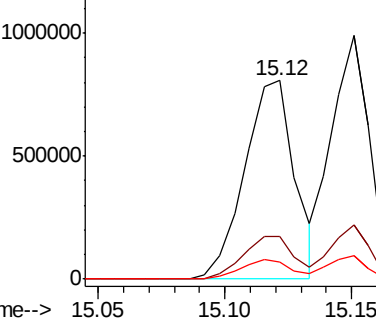
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.2	27.4
125	8.9	8.3	12.5

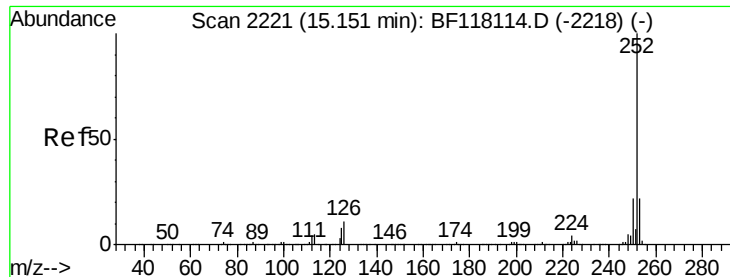
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





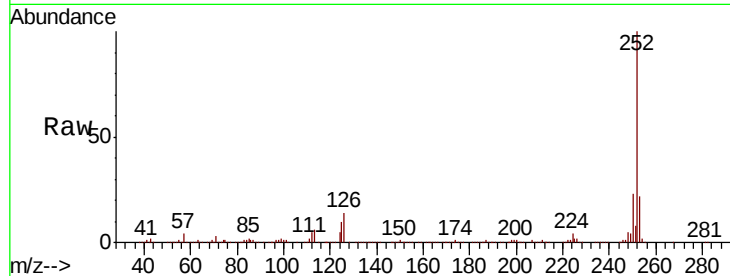
#89
Benzo(k)fluoranthene
Concen: 45.874 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.00 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

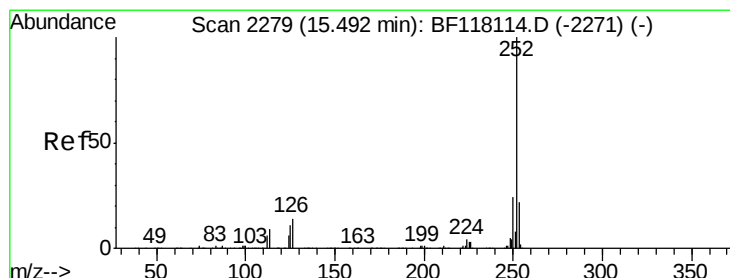
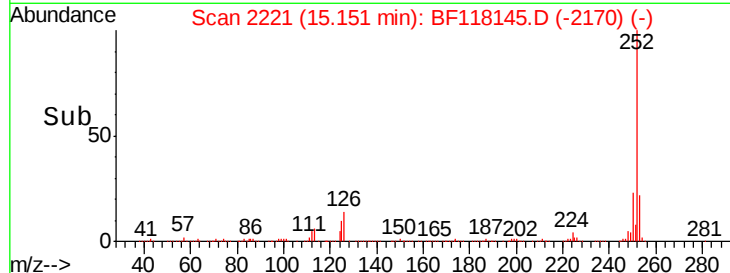
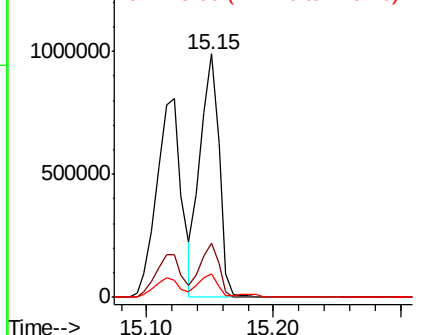
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.9	6.7	10.1

Manual Integrations
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12/10/2019 11:50:14 AM



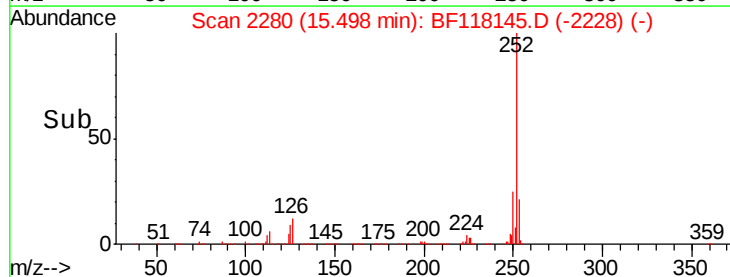
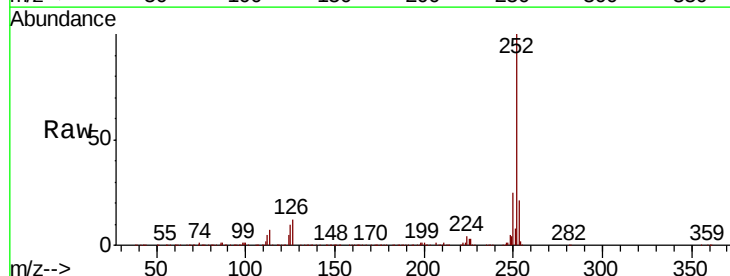
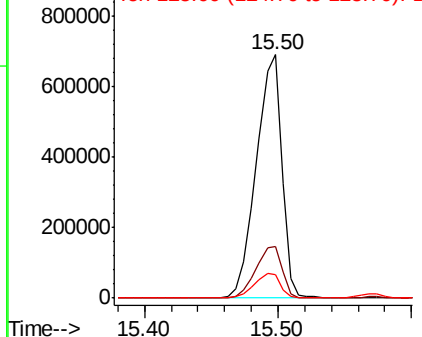
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

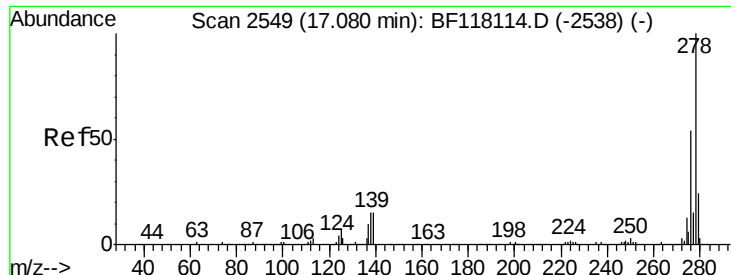


#90
Benzo(a)pyrene
Concen: 44.082 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	9.8	9.1	13.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





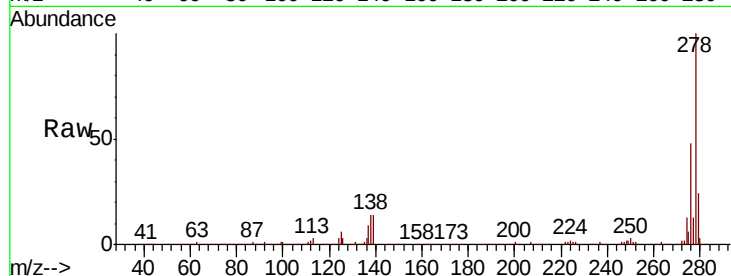
#91
Dibenzo(a,h)anthracene
Concen: 50.736 ng
RT: 17.09 min Scan# 2551
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Instrument :
BNA_F
ClientSampleId :
PB125313BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.3	11.7	17.5
279	23.6	19.0	28.4

Manual Integrations
APPROVED

mohammad
12/10/2019 11:50:14 AM

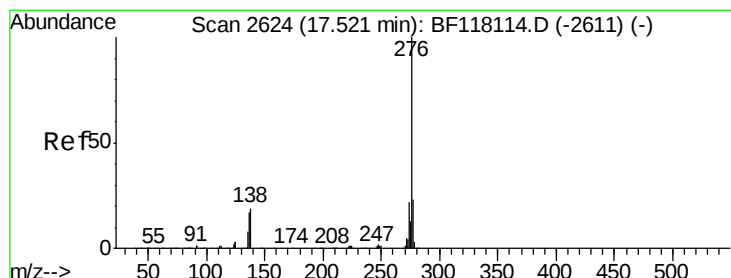
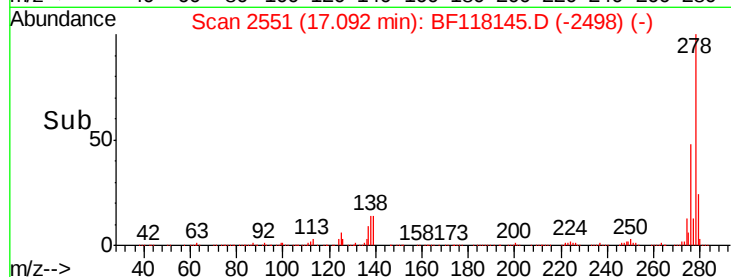
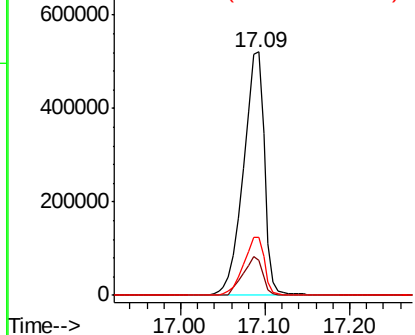


Abundance

Ion 278.00 (277.70 to 278.70): E

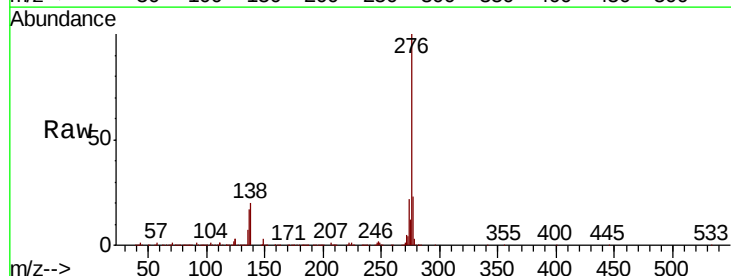
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.741 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.01 min
Lab File: BF118145.D
Acq: 9 Dec 2019 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.2	27.4
138	19.5	15.5	23.3



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

