

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
 Data File : BF118117.D
 Acq On : 6 Dec 2019 16:22
 Operator : JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 12/9/2019 3:09:50 PM

Quant Time: Dec 06 17:08:51 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 15:39:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	141170	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	501448	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	264407	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	489479	20.00	ng	0.00
76) Chrysene-d12	14.07	240	318187	20.00	ng	0.00
87) Perylene-d12	15.56	264	273515	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1192298	149.50	ng	0.00
7) Phenol-d6	6.51	99	1445603	150.28	ng	0.01
23) Nitrobenzene-d5	7.45	82	1400851	166.07	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	493411	176.27	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2519938	170.98	ng	0.00
79) Terphenyl-d14	13.01	244	2893602	166.20	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.62	88	260470	69.870 ng	100
3) Pyridine	3.38	79	669112	68.424 ng	100
4) n-Nitrosodimethylamine	3.36	42	295004	69.108 ng	97
6) Aniline	6.54	93	927799	72.988 ng	98
8) 2-Chlorophenol	6.66	128	668452	77.243 ng	97
9) Benzaldehyde	6.42	77	304959	50.752 ng	97
10) Phenol	6.53	94	829120	82.946 ng	84
11) bis(2-Chloroethyl)ether	6.62	93	606872	75.602 ng	94
12) 1,3-Dichlorobenzene	6.82	146	786385	77.186 ng	98
13) 1,4-Dichlorobenzene	6.89	146	791131	76.823 ng	98
14) 1,2-Dichlorobenzene	7.05	146	732843	74.407 ng	96
15) Benzyl Alcohol	7.02	79	568397	76.535 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	718357	58.125 ng	98
17) 2-Methylphenol	7.13	107	542873	74.077 ng	99
18) Hexachloroethane	7.39	117	294265	77.784 ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	443133	74.672 ng	99
20) 3+4-Methylphenols	7.29	107	665282	73.131 ng	# 87
22) Acetophenone	7.29	105	927936	82.366 ng	95
24) Nitrobenzene	7.46	77	692878	79.621 ng	98
25) Isophorone	7.70	82	1195911	77.351 ng	99
26) 2-Nitrophenol	7.77	139	375253	88.595 ng	91
27) 2,4-Dimethylphenol	7.82	122	491343	74.653 ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	765704	78.046 ng	99
29) 2,4-Dichlorophenol	8.02	162	565001	79.141 ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	655621	79.172 ng	99
31) Naphthalene	8.19	128	1910448	81.723 ng	99
32) Benzoic acid	7.97	122	481309	87.338 ng	99
33) 4-Chloroaniline	8.23	127	857495	81.936 ng	99
34) Hexachlorobutadiene	8.30	225	396235	81.839 ng	99
35) Caprolactam	8.63	113	179815m	79.250 ng	
36) 4-Chloro-3-methylphenol	8.72	107	597997	82.535 ng	99
37) 2-Methylnaphthalene	8.88	142	1312933	83.123 ng	99
38) 1-Methylnaphthalene	8.98	142	1226958	82.166 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	612880	79.816 ng	99

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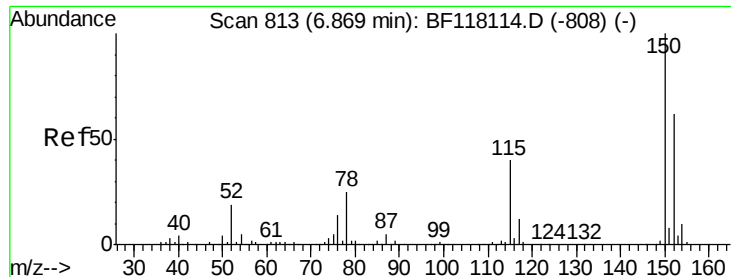
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
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 QLast Update : Fri Dec 06 15:39:13 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	315742	73.375	nq	100
43) 2,4,6-Trichlorophenol	9.16	196	413533	75.189	nq	97
44) 2,4,5-Trichlorophenol	9.20	196	428075	74.964	nq	93
46) 1,1'-Biphenyl	9.35	154	1567882	79.926	nq	98
47) 2-Chloronaphthalene	9.37	162	1284046	79.568	nq	95
48) 2-Nitroaniline	9.47	65	377503	77.484	nq	99
49) Acenaphthylene	9.79	152	1884330	80.089	nq	99
50) Dimethylphthalate	9.65	163	1507390	81.299	nq	98
51) 2,6-Dinitrotoluene	9.71	165	336665	83.080	nq	95
52) Acenaphthene	9.96	154	1146780	76.087	nq	99
53) 3-Nitroaniline	9.89	138	393625	81.179	nq	100
54) 2,4-Dinitrophenol	9.99	184	188351	104.702	nq	# 89
55) Dibenzofuran	10.13	168	1653081	79.205	nq	99
56) 4-Nitrophenol	10.05	139	278507	76.950	nq	96
57) 2,4-Dinitrotoluene	10.12	165	443025	85.945	nq	96
58) Fluorene	10.47	166	1328097	82.116	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	345629	73.664	nq	98
60) Diethylphthalate	10.35	149	1469699	81.304	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	660709	80.498	nq	97
62) 4-Nitroaniline	10.51	138	410525	84.558	nq	99
63) Azobenzene	10.63	77	1249529	75.980	nq	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	232017	101.536	nq	97
66) n-Nitrosodiphenylamine	10.59	169	1190102	83.544	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	433393	82.060	nq	# 92
68) Hexachlorobenzene	11.03	284	518185	84.143	nq	97
69) Atrazine	11.11	200	249039	53.145	nq	98
70) Pentachlorophenol	11.22	266	253650	70.499	nq	99
71) Phenanthrene	11.45	178	1965616	79.873	nq	99
72) Anthracene	11.50	178	1944295	79.685	nq	98
73) Carbazole	11.65	167	1754444	82.284	nq	98
74) Di-n-butylphthalate	11.97	149	2169367	81.717	nq	99
75) Fluoranthene	12.64	202	2000500	84.030	nq	99
77) Benzidine	12.75	184	531263	50.973	nq	96
78) Pyrene	12.87	202	2026427	78.805	nq	100
80) Butylbenzylphthalate	13.48	149	924189	83.680	nq	99
81) Benzo(a)anthracene	14.06	228	1722752	81.933	nq	100
82) 3,3'-Dichlorobenzidine	14.02	252	486262	66.114	nq	99
83) Chrysene	14.10	228	1628875	79.947	nq	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	1189238	88.817	nq	99
85) Di-n-octyl phthalate	14.66	149	1747033	88.814	nq	99
86) Indeno(1,2,3-cd)pyrene	17.09	276	1429387	82.430	nq	99
88) Benzo(b)fluoranthene	15.13	252	1423081	80.082	nq	98
89) Benzo(k)fluoranthene	15.16	252	1388149	82.906	nq	98
90) Benzo(a)pyrene	15.50	252	1280912	81.972	nq	100
91) Dibenzo(a,h)anthracene	17.10	278	1167247	86.785	nq	99
92) Benzo(g,h,i)perylene	17.54	276	1156737	86.347	nq	99

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



#1

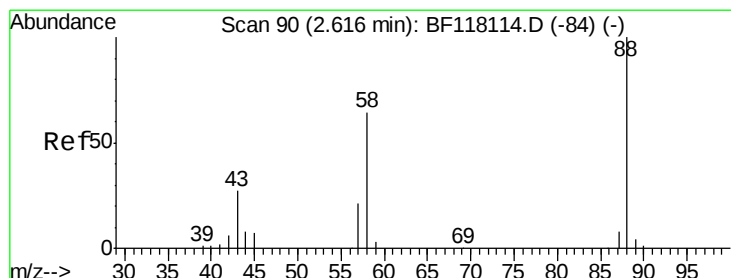
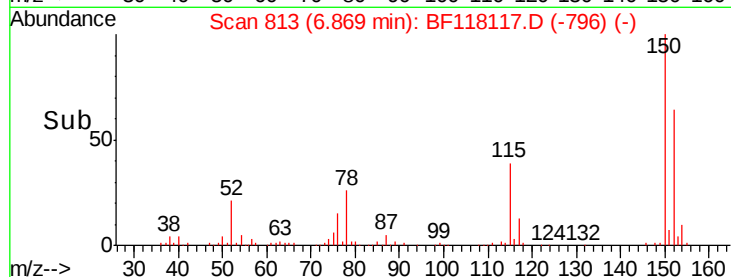
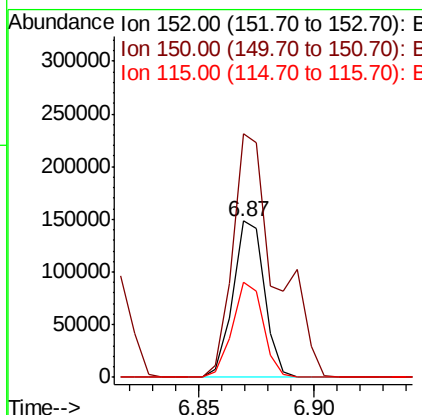
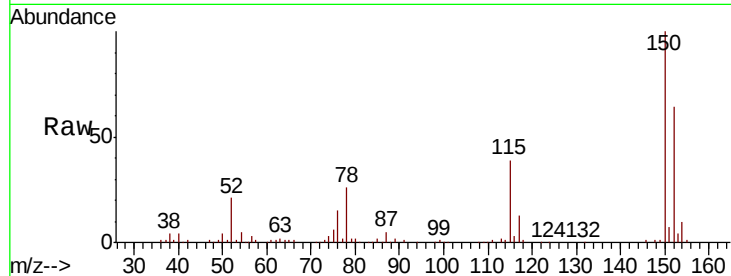
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	128.3	192.5
115	61.4	51.1	76.7

Manual Integrations
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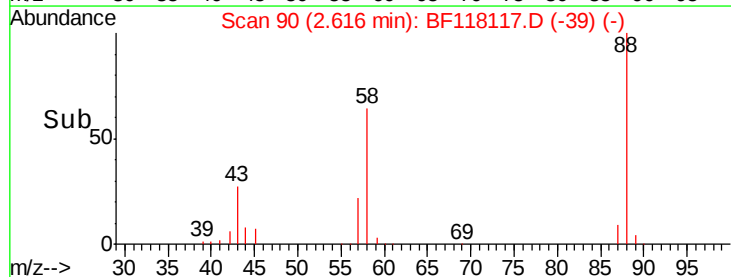
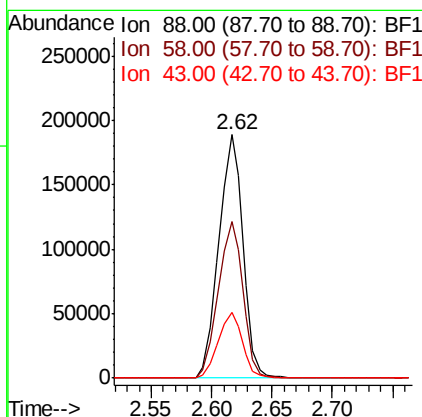
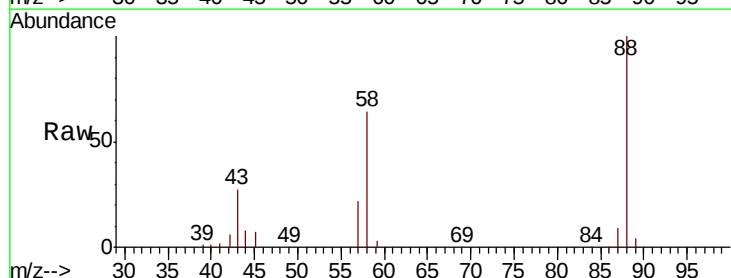
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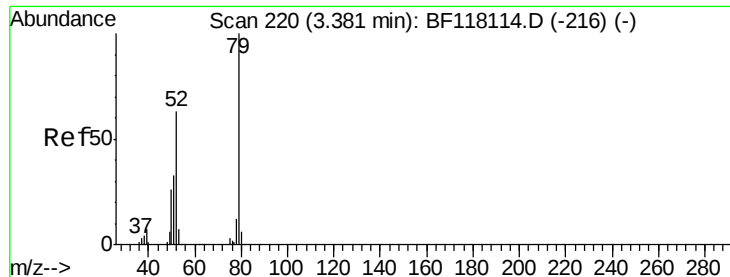


#2

1,4-Dioxane
Concen: 69.870 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	52.2	78.4
43	26.9	21.4	32.2





#3

Pvridine

Concen: 68.424 ng

RT: 3.38 min Scan# 220

Delta R.T. 0.00 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

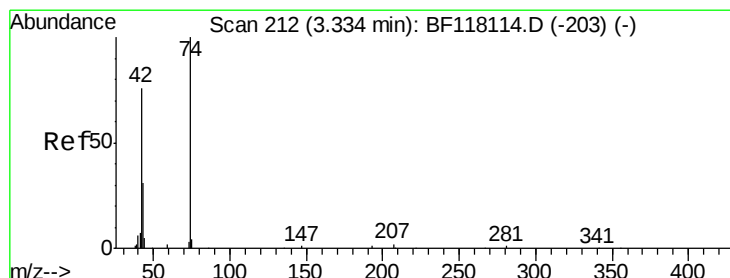
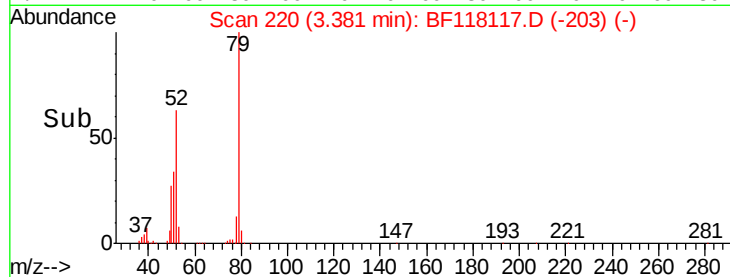
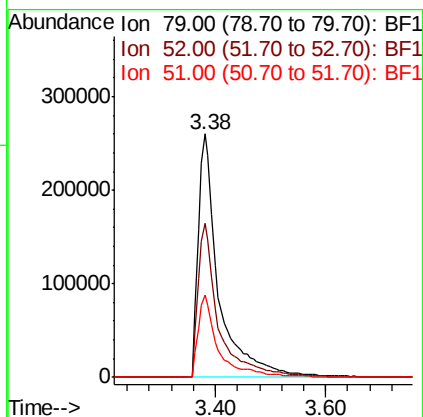
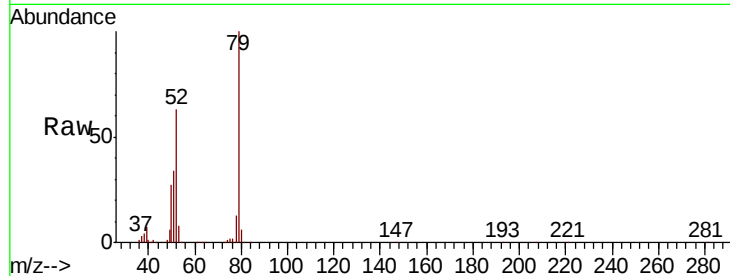
ClientSampleId :

SSTDIC080

Tot Ion:	79	Resp:	669112
Ion	Ratio	Lower	Upper
79	100		
52	63.4	50.7	76.1
51	33.6	26.4	39.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 69.108 ng

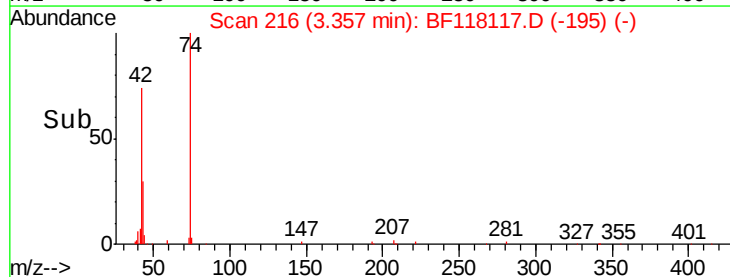
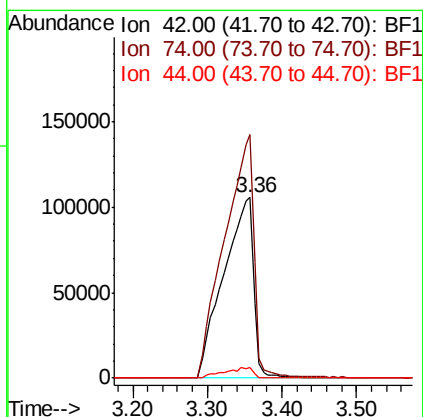
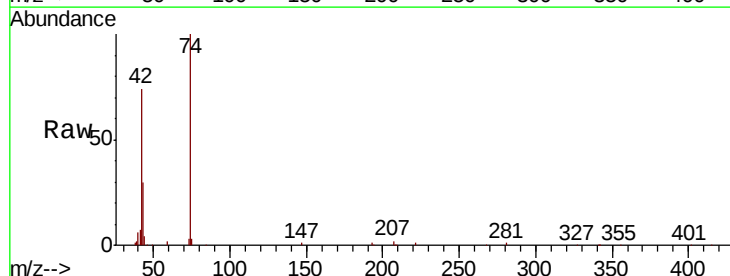
RT: 3.36 min Scan# 216

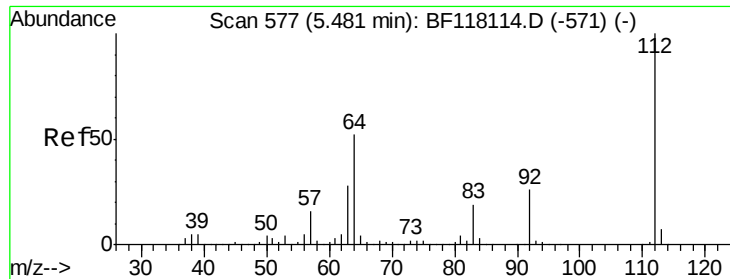
Delta R.T. 0.02 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:	42	Resp:	295004
Ion	Ratio	Lower	Upper
42	100		
74	134.7	104.6	157.0
44	5.7	5.1	7.7





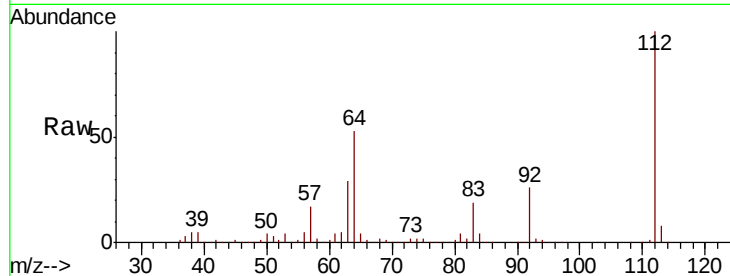
#5
2-Fluorophenol
Concen: 149.500 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleID :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
112	100		
64	53.1	41.3	61.9
63	29.1	22.4	33.6

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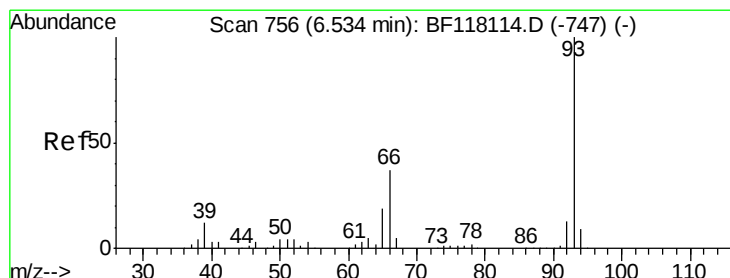
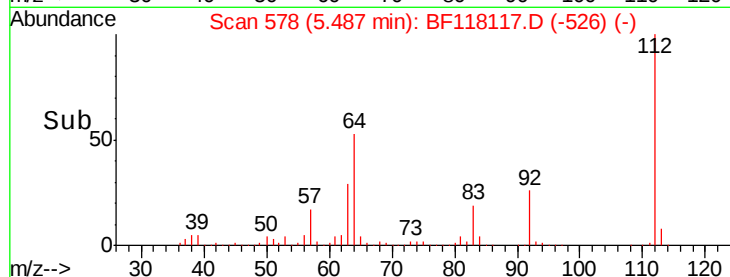
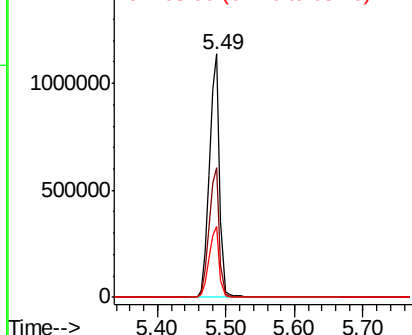


Abundance

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: 72.988 ng
RT: 6.54 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

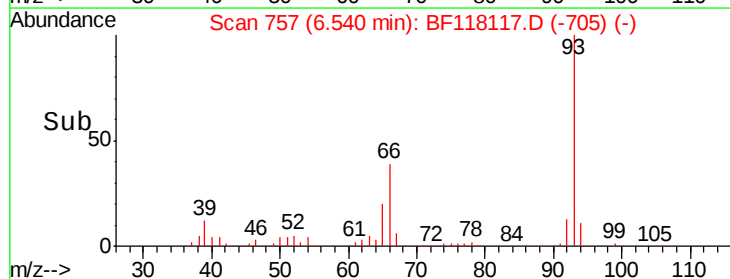
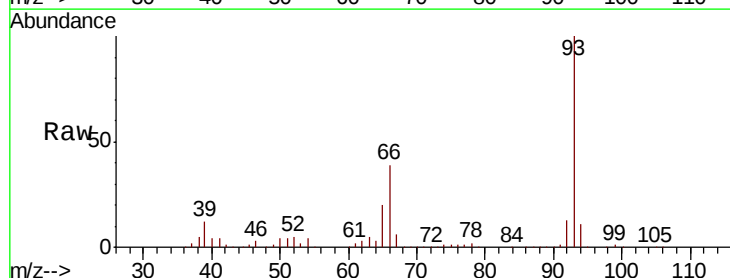
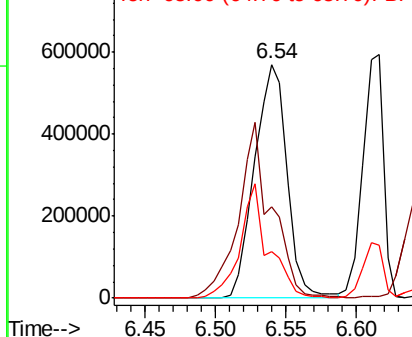
Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.2	30.2	45.2
65	19.7	15.5	23.3

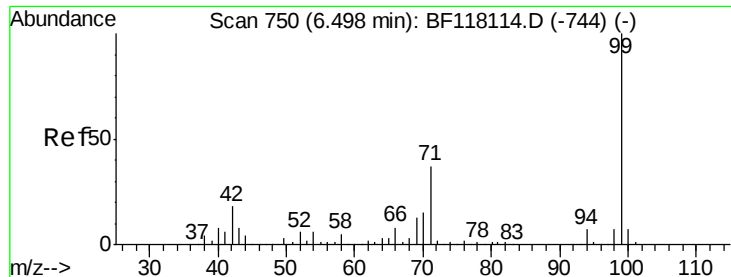
Abundance

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: 150.280 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 1445603

Ion Ratio Lower Upper

99 100

42 18.6 14.1 21.1

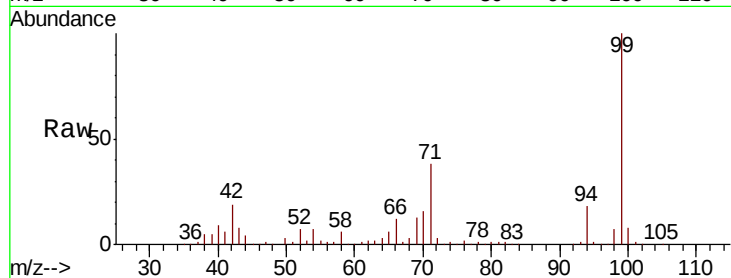
71 38.0 29.7 44.5

Manual Integrations

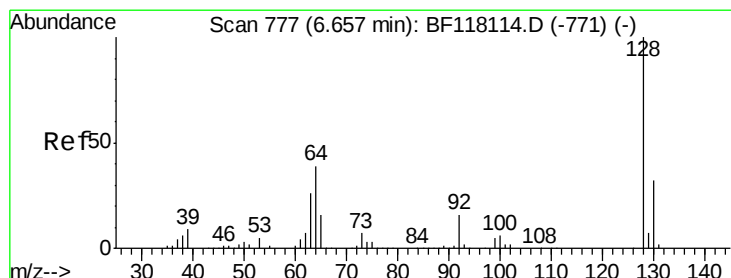
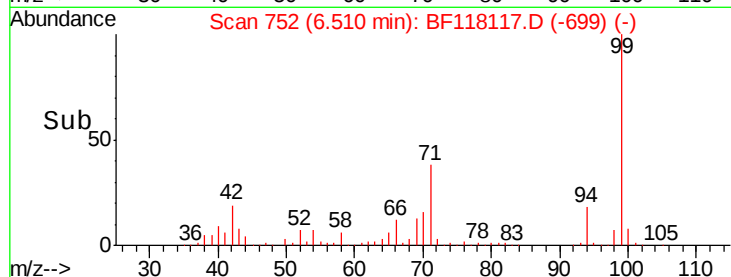
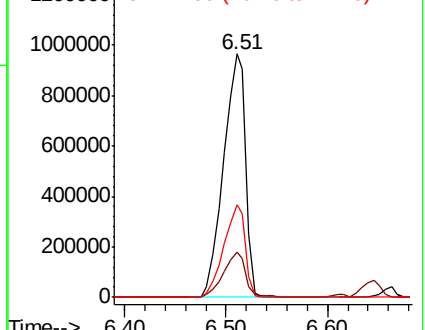
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 77.243 ng

RT: 6.66 min Scan# 778

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

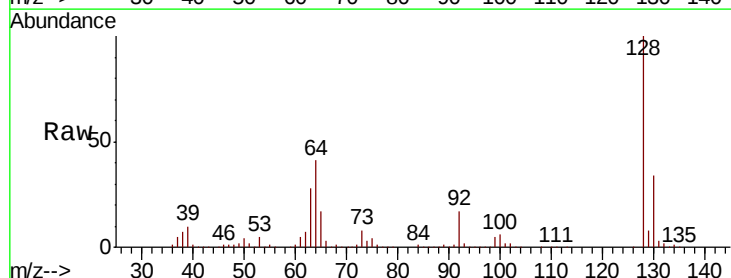
Tgt Ion:128 Resp: 668452

Ion Ratio Lower Upper

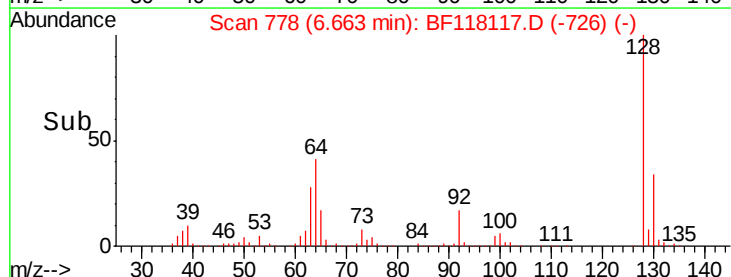
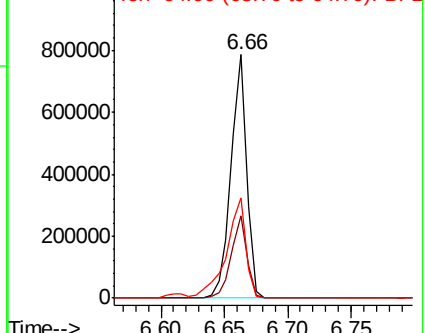
128 100

130 33.7 12.1 52.1

64 40.9 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: 50.752 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

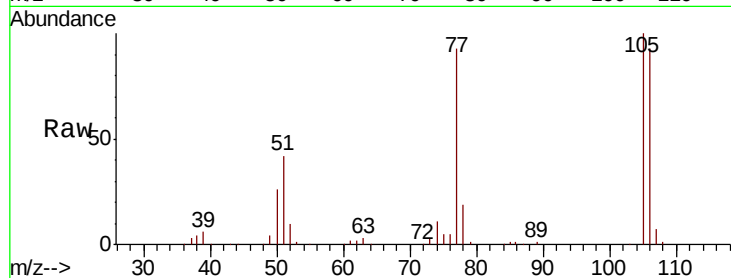
ClientSampleId :

SSTDIC080

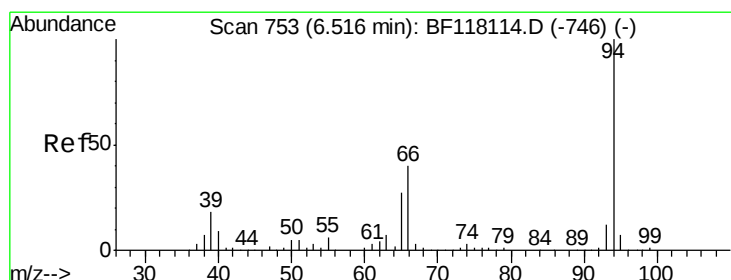
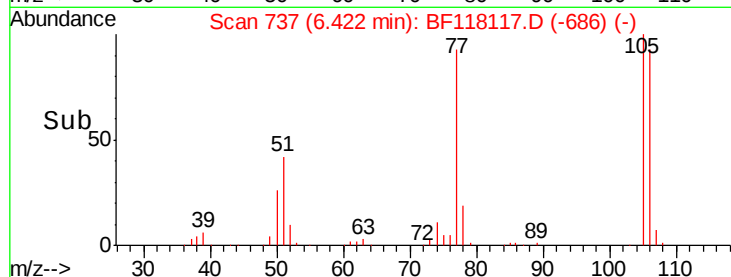
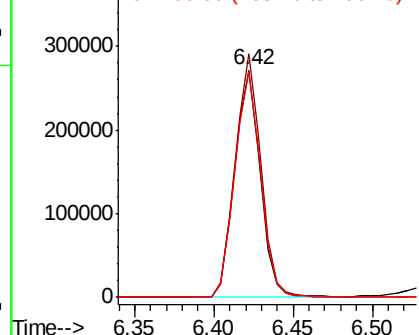
Tot Ion:	77	Resp:	304959
Ion	Ratio	Lower	Upper
77	100		
105	107.2	86.4	126.4
106	99.2	83.8	123.8

Manual Integrations
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Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 82.946 ng

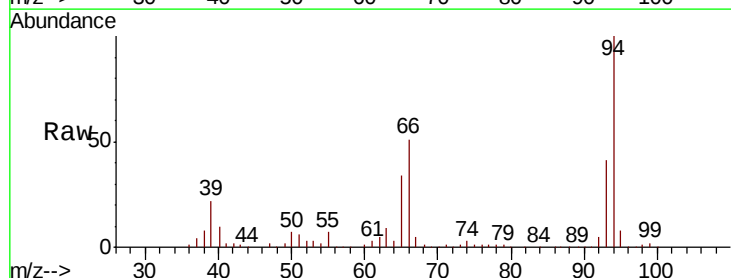
RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

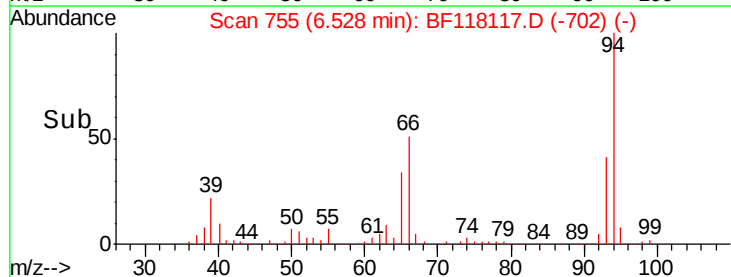
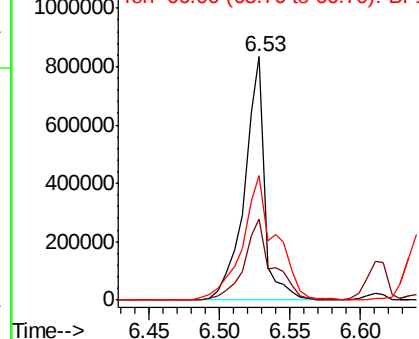
Lab File: BF118117.D

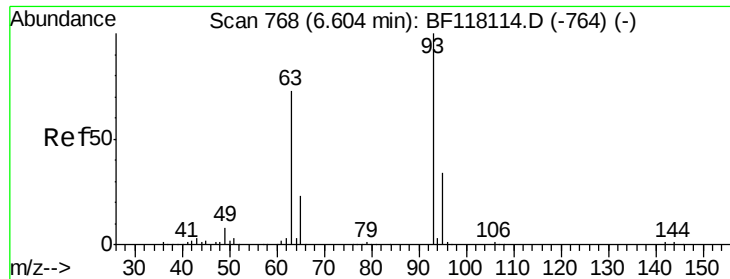
Acq: 6 Dec 2019 16:22

Tgt Ion:	94	Resp:	829120
Ion	Ratio	Lower	Upper
94	100		
65	33.5	7.3	47.3
66	51.3	20.2	60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





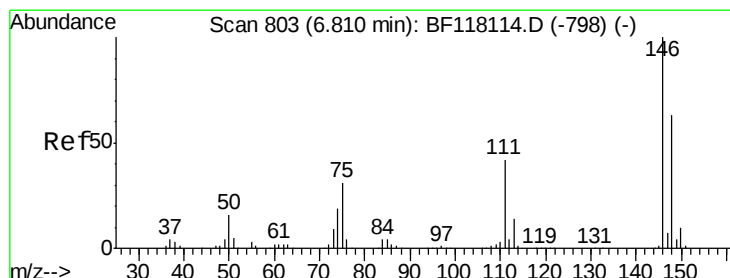
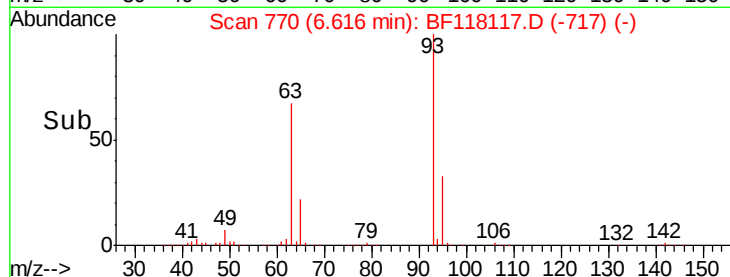
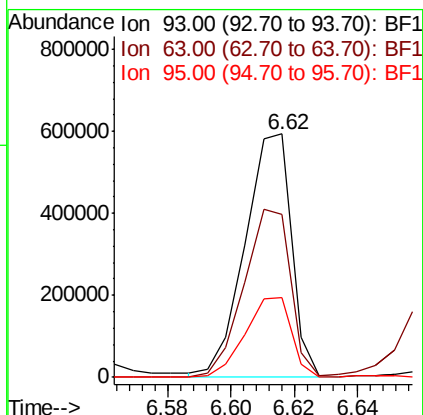
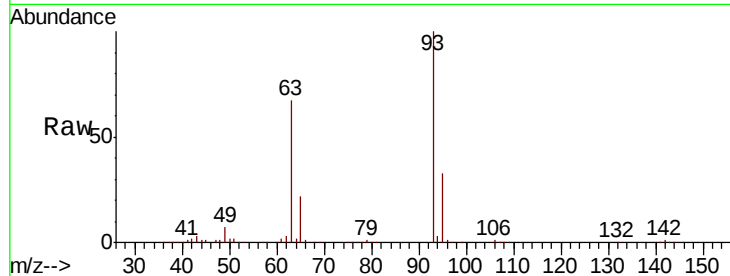
#11
bis(2-Chloroethyl)ether
Concen: 75.602 ng
RT: 6.62 min Scan# 770
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:	93	Resp:	606872
Ion	Ratio	Lower	Upper
93	100		
63	66.9	53.2	93.2
95	32.6	13.8	53.8

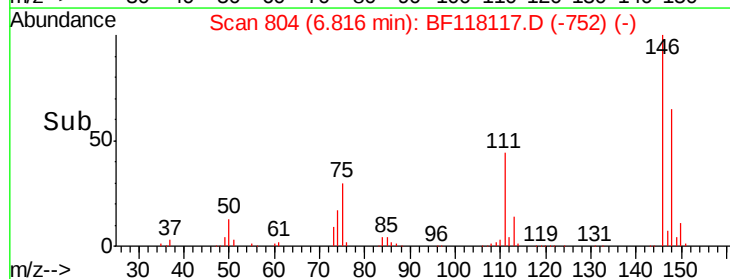
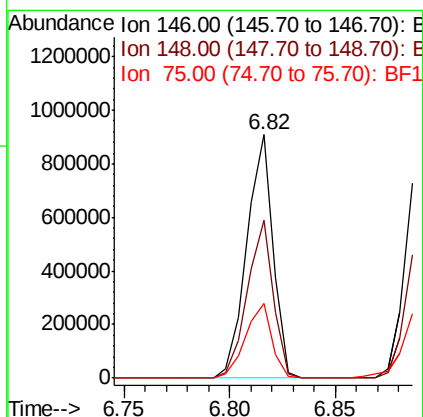
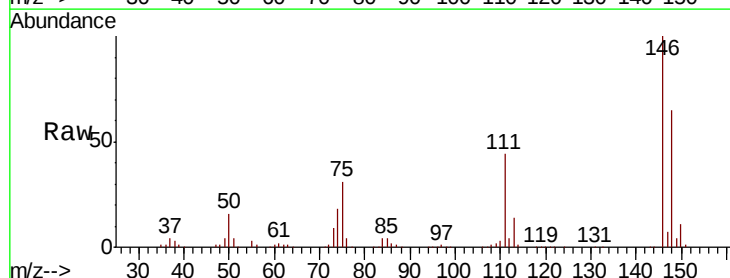
Manual Integrations
APPROVED

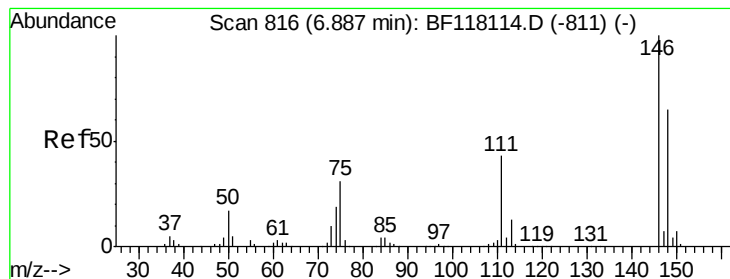
mohammad
12/9/2019 3:09:50 PM



#12
1,3-Dichlorobenzene
Concen: 77.186 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:	146	Resp:	786385
Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.2	75.4
75	30.5	24.6	37.0





#13

1,4-Dichlorobenzene

Concen: 76.823 ng

RT: 6.89 min Scan# 817

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

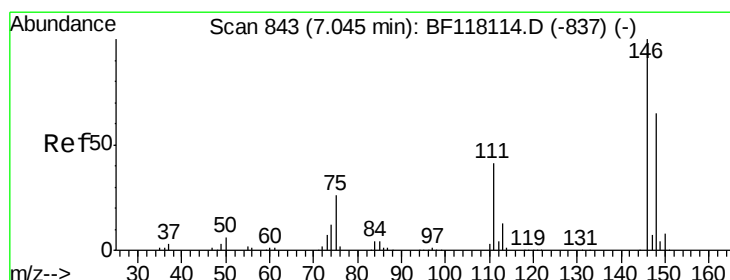
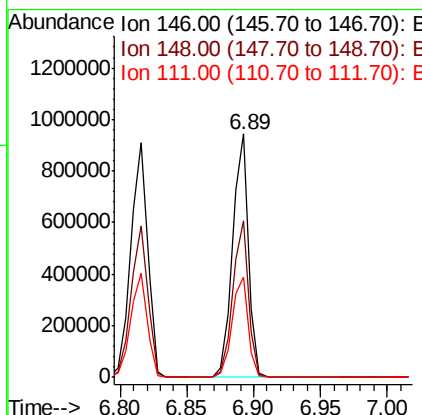
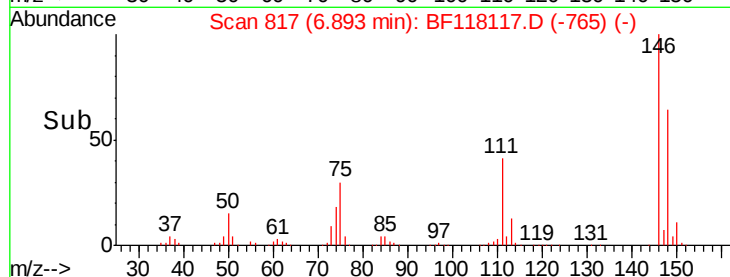
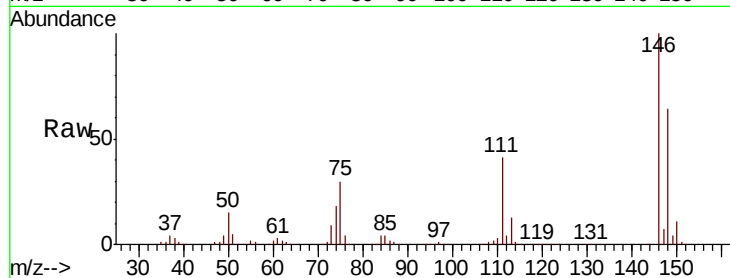
ClientSampleId :

SSTDICC080

Tot Ion:	146	Resp:	791131
Ion Ratio	Lower	Upper	
146	100		
148	64.3	52.1	78.1
111	41.3	34.6	52.0

Manual Integrations
APPROVED

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#14

1,2-Dichlorobenzene

Concen: 74.407 ng

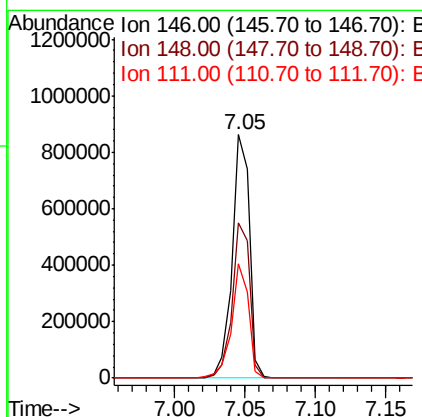
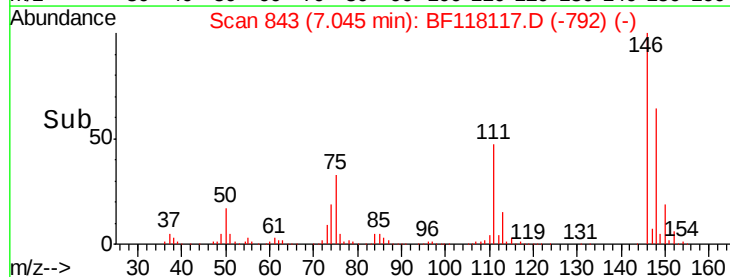
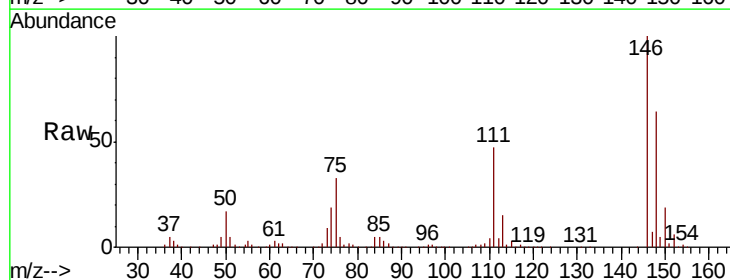
RT: 7.05 min Scan# 843

Delta R.T. 0.00 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:	146	Resp:	732843
Ion Ratio	Lower	Upper	
146	100		
148	63.9	52.2	78.2
111	46.8	33.1	49.7





#15

Benzyl Alcohol

Concen: 76.535 ng

RT: 7.02 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

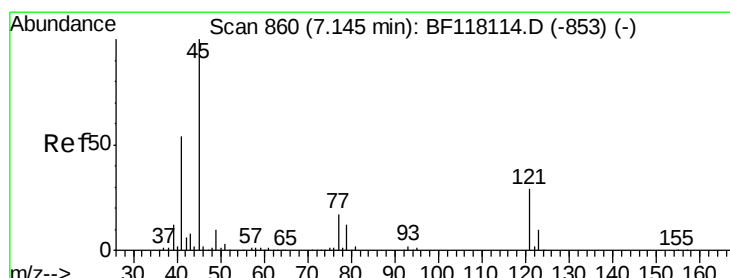
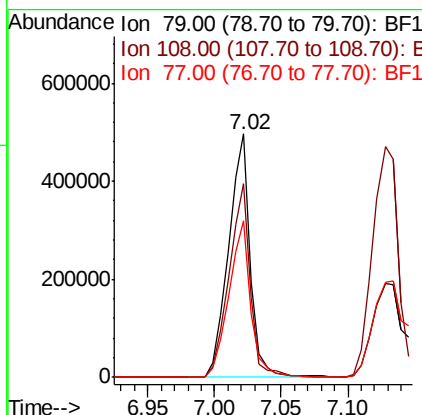
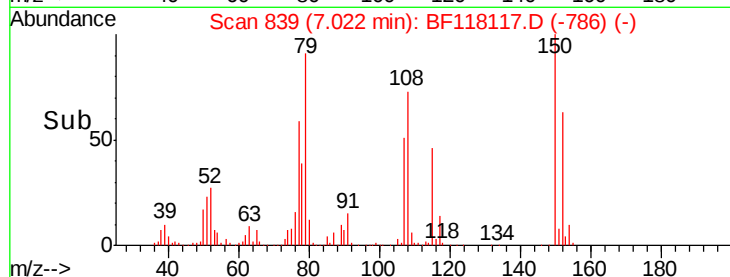
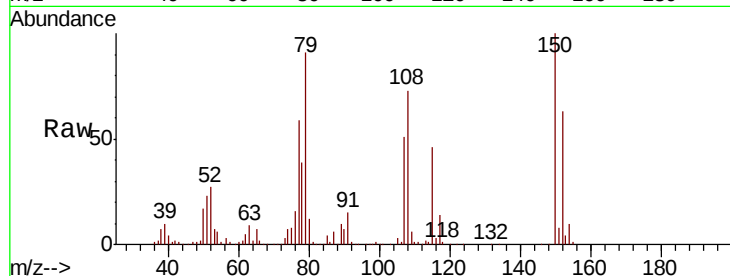
ClientSampleId :

SSTDIC080

Tot Ion:	79	Resp:	568397
Ion Ratio	Lower	Upper	
79	100		
108	79.4	62.7	94.1
77	64.2	51.4	77.2

Manual Integrations
APPROVED

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#16

2,2'-oxybis(1-chloropropane)

Concen: 58.125 ng

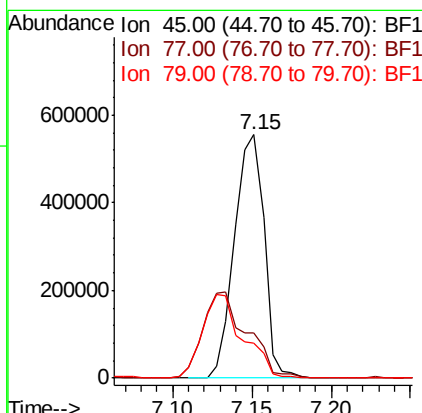
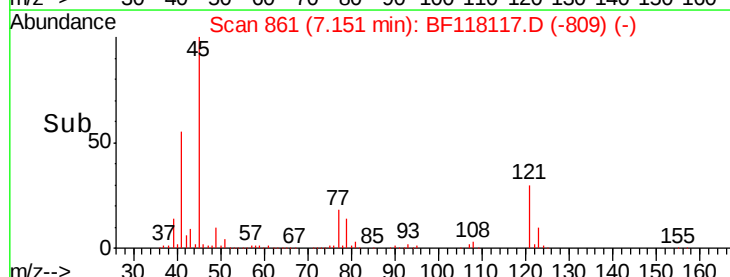
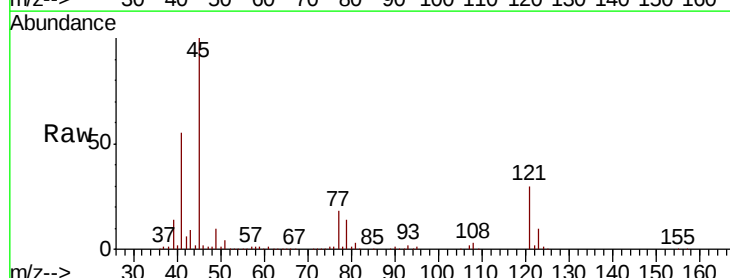
RT: 7.15 min Scan# 861

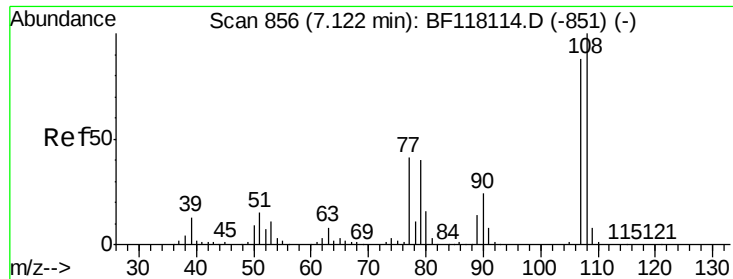
Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:	45	Resp:	718357
Ion Ratio	Lower	Upper	
45	100		
77	18.4	0.0	38.0
79	14.5	0.0	33.2





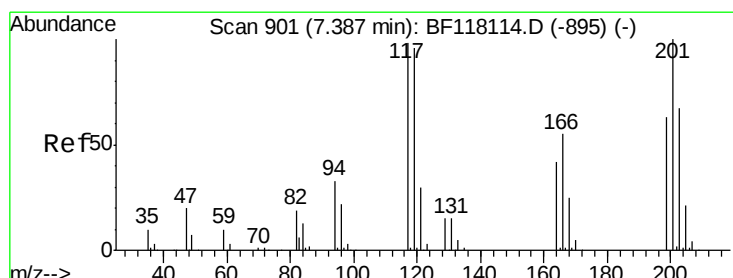
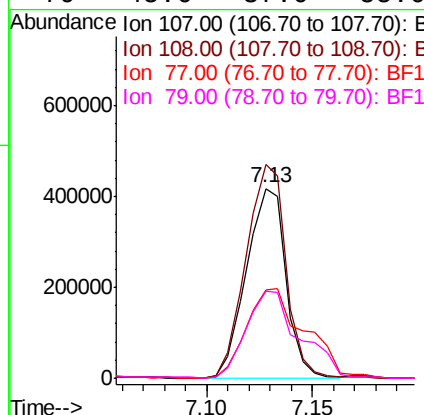
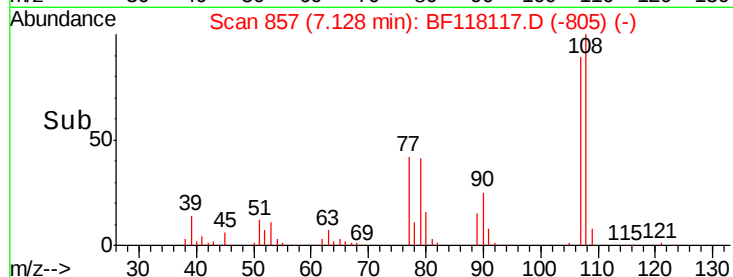
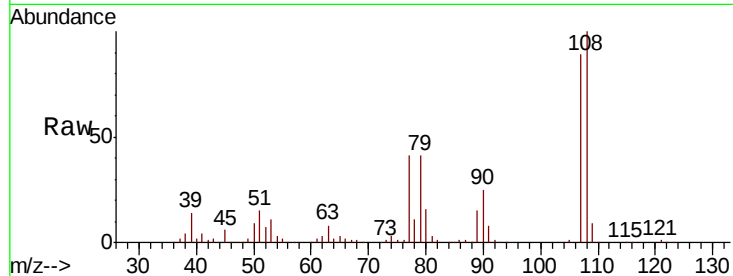
#17
2-Methylphenol
Concen: 74.077 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.5	91.1	136.7	
77	46.7	37.8	56.6	
79	45.6	37.0	55.6	

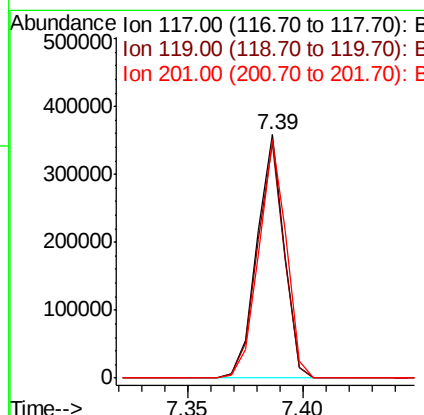
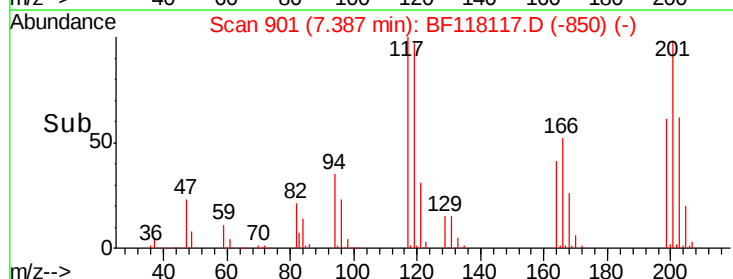
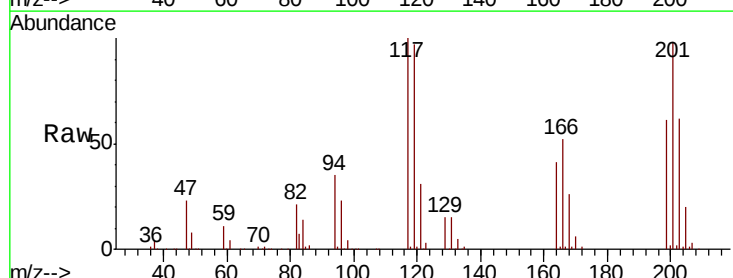
Manual Integrations
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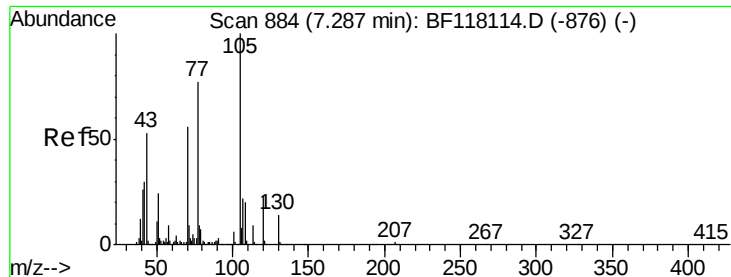
mohammad
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#18
Hexachloroethane
Concen: 77.784 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.6	78.2	117.4	
201	97.9	81.6	122.4	





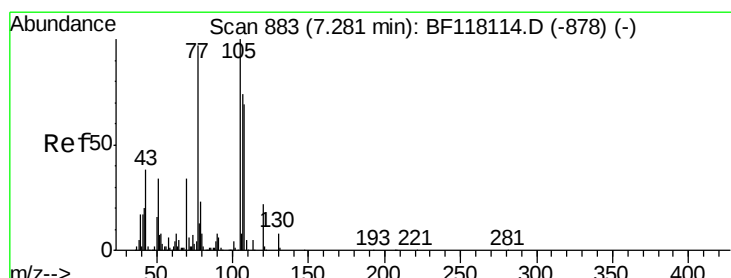
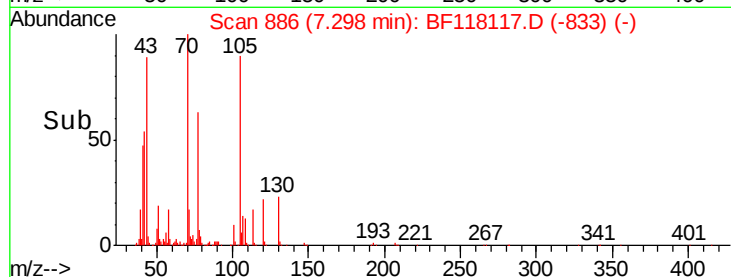
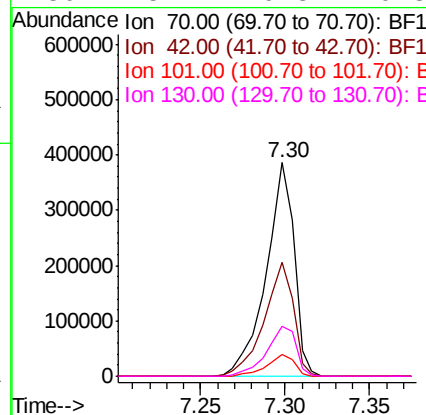
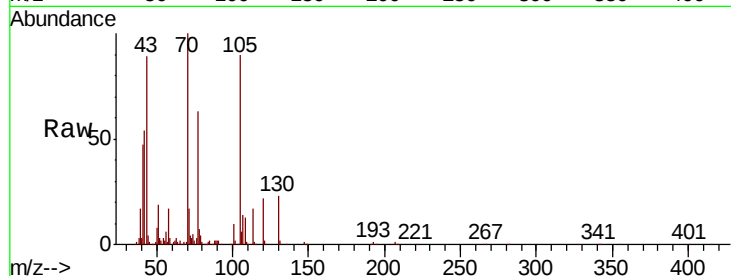
#19
n-Nitroso-di-n-propylamine
Concen: 74.672 ng
RT: 7.30 min Scan# 886
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	43.2	64.8
101	10.5	8.1	12.1
130	23.2	19.8	29.8

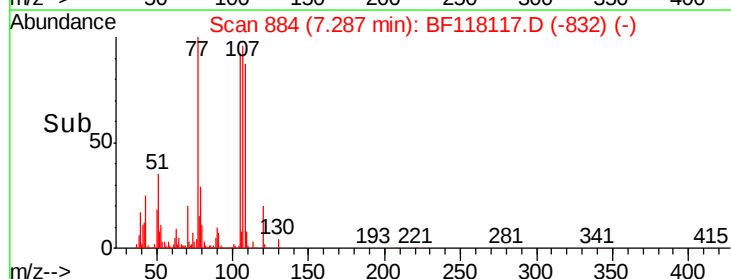
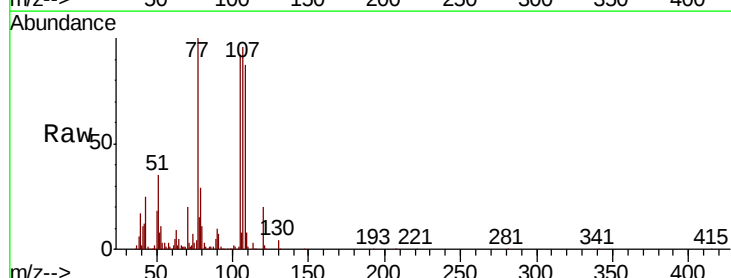
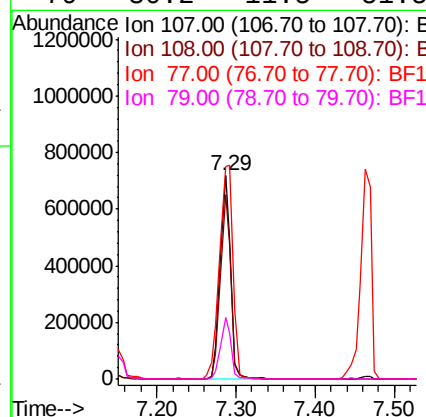
Manual Integrations
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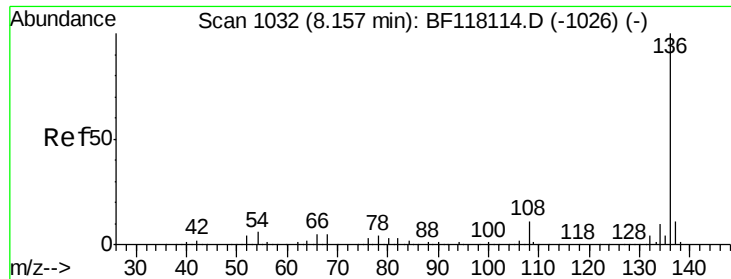
mohammad
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#20
3+4-Methylphenols
Concen: 73.131 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.9	73.2	113.2
77	104.3	110.9	150.9#
79	30.2	11.5	51.5





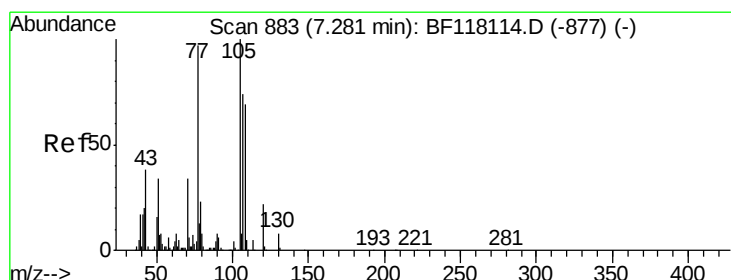
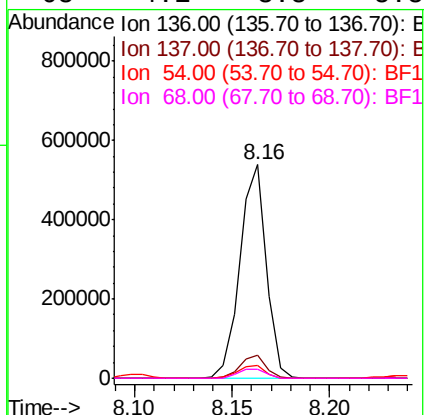
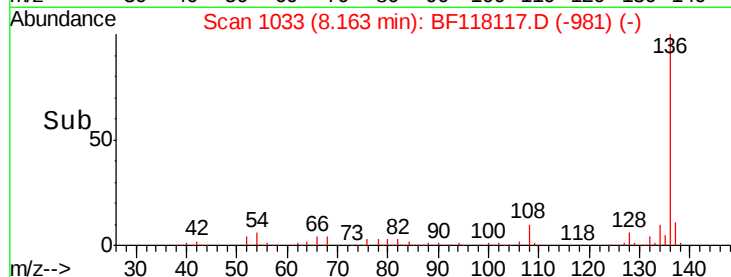
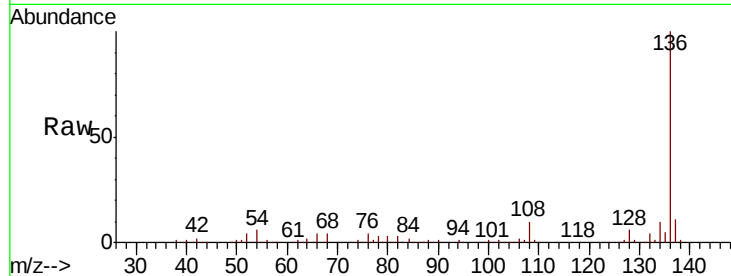
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	5.7	5.0	7.6
68	4.1	3.8	5.8

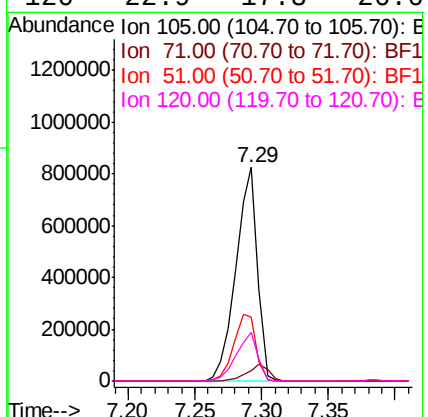
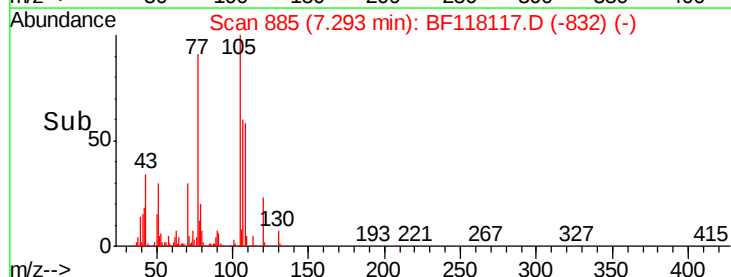
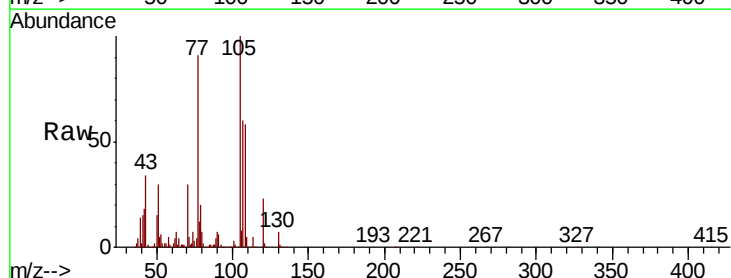
Manual Integrations
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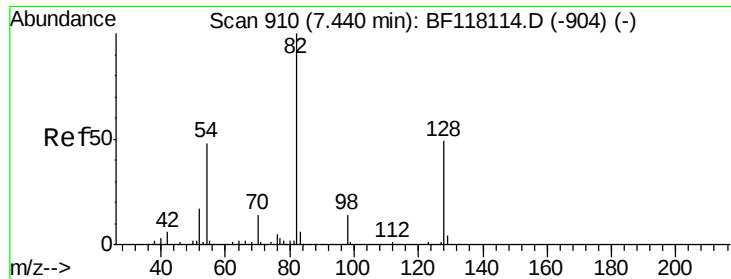
mohammad
12/9/2019 3:09:50 PM



#22
Acetophenone
Concen: 82.366 ng
RT: 7.29 min Scan# 885
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.9	4.7	7.1
51	29.9	27.1	40.7
120	22.9	17.8	26.6





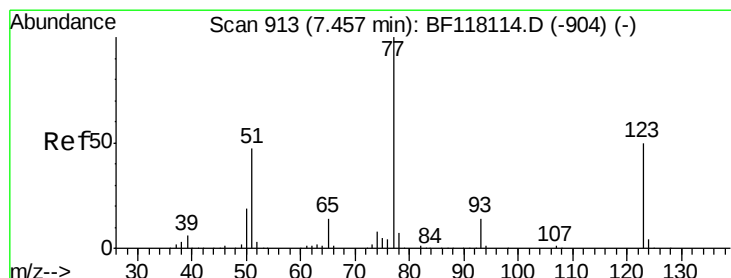
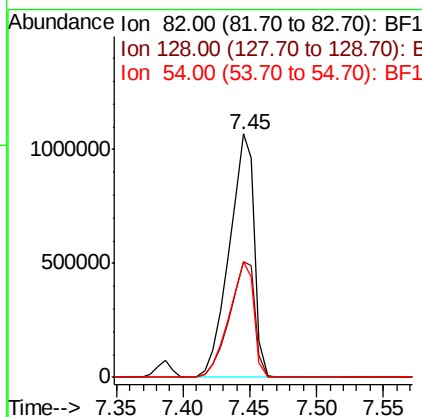
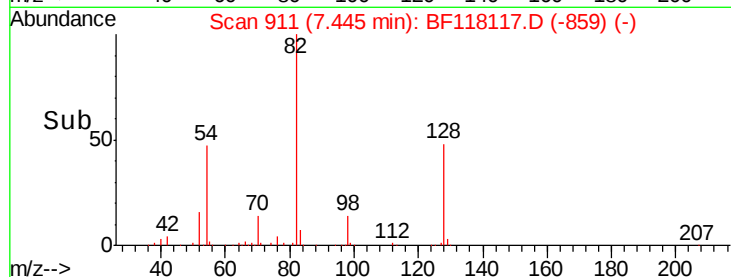
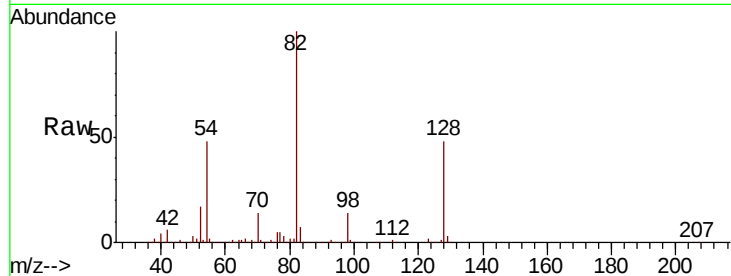
#23
Nitrobenzene-d5
Concen: 166.069 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.6	39.1	58.7
54	47.7	38.2	57.2

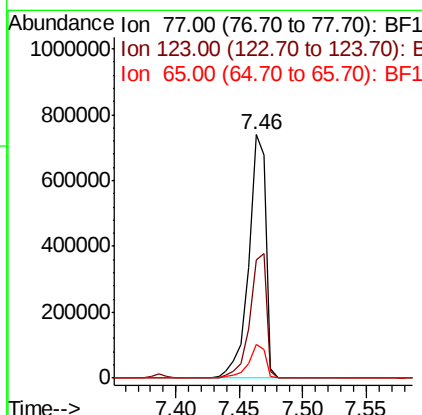
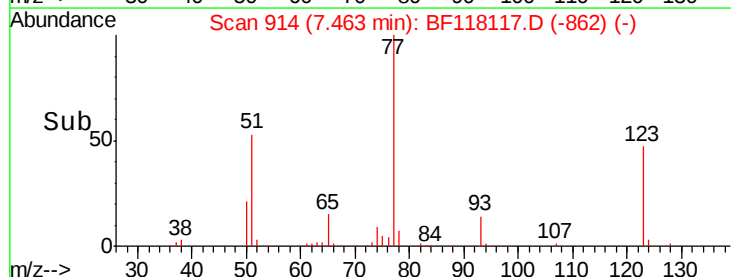
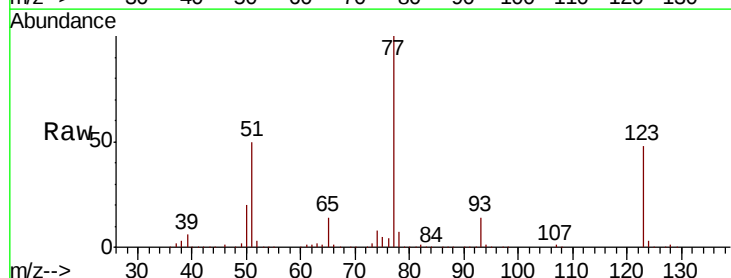
Manual Integrations
APPROVED

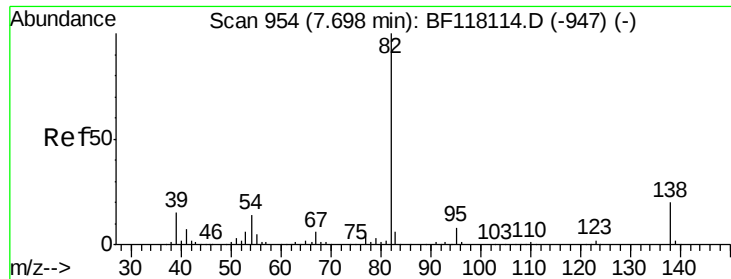
mohammad
12/9/2019 3:09:50 PM



#24
Nitrobenzene
Concen: 79.621 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	40.1	60.1
65	13.7	10.9	16.3





#25

Isophorone

Concen: 77.351 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion: 82 Resp: 1195911

Ion Ratio Lower Upper

82 100

95 7.9 6.3 9.5

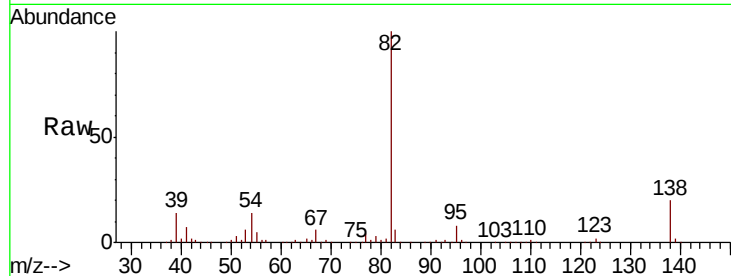
138 19.8 16.3 24.5

Manual Integrations

APPROVED

mohammad

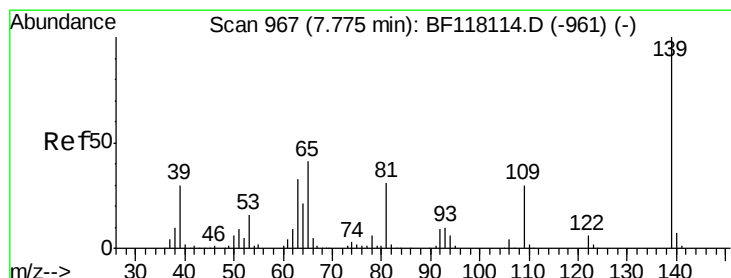
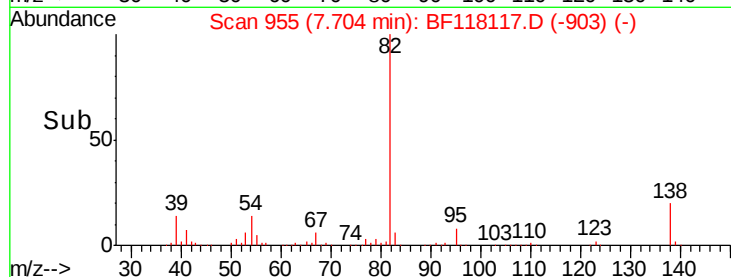
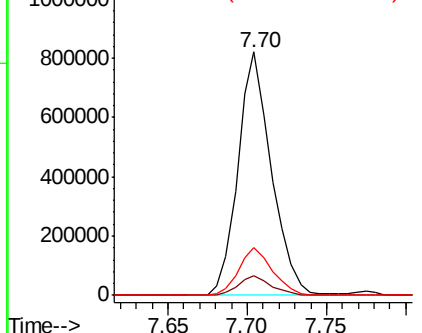
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 88.595 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.00 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

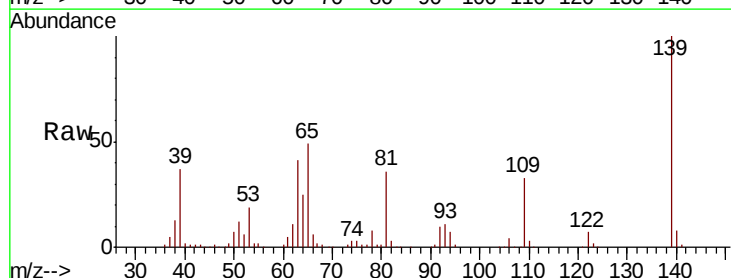
Tgt Ion: 139 Resp: 375253

Ion Ratio Lower Upper

139 100

109 33.0 23.9 35.9

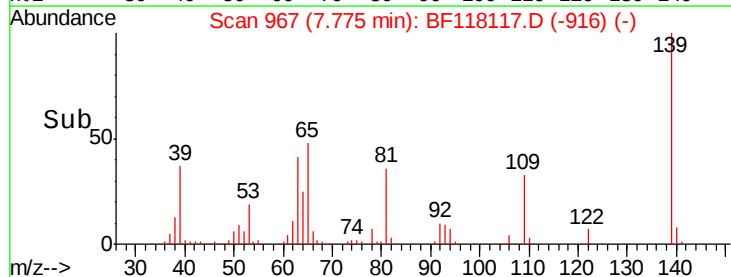
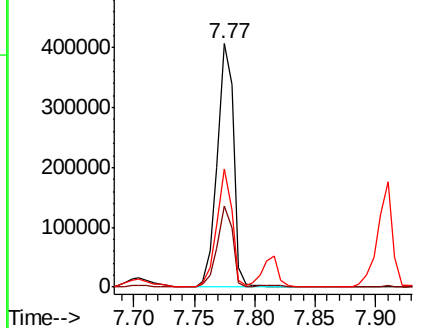
65 48.7 33.0 49.6

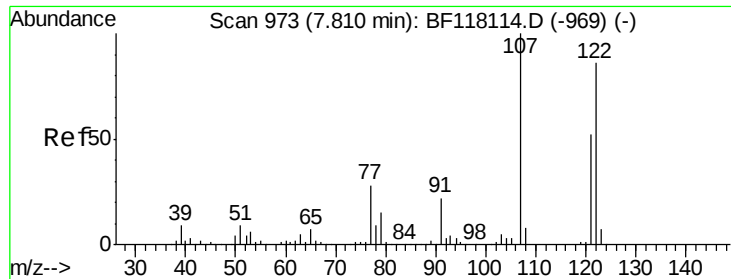


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 74.653 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

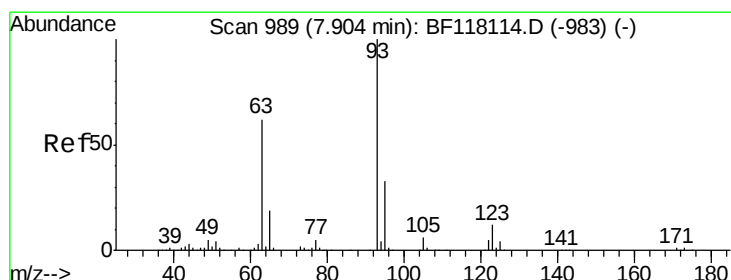
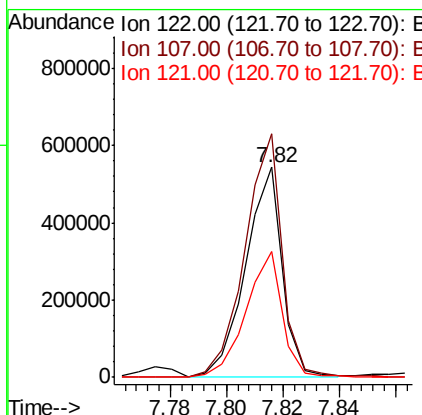
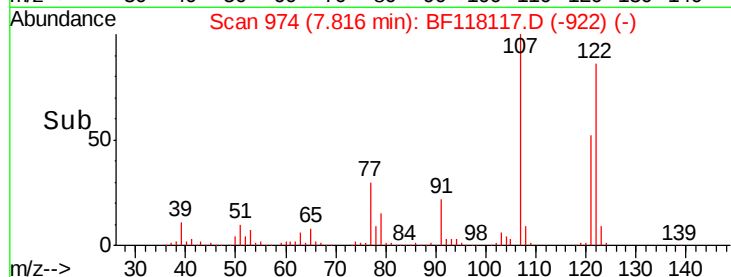
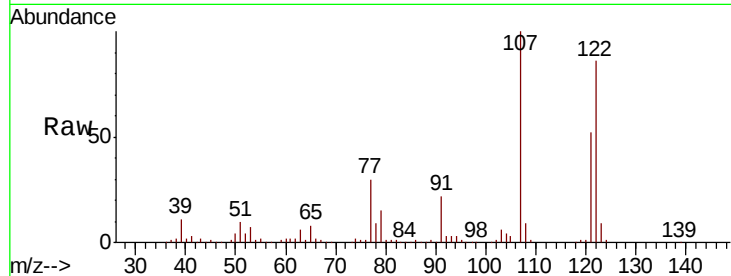
ClientSampleId :

SSTDICC080

Tot Ion:	122	Resp:	491343
Ion Ratio	Lower	Upper	
122	100		
107	115.9	92.9	139.3
121	60.0	48.3	72.5

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 78.046 ng

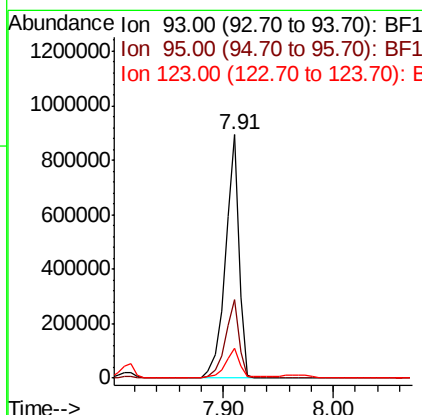
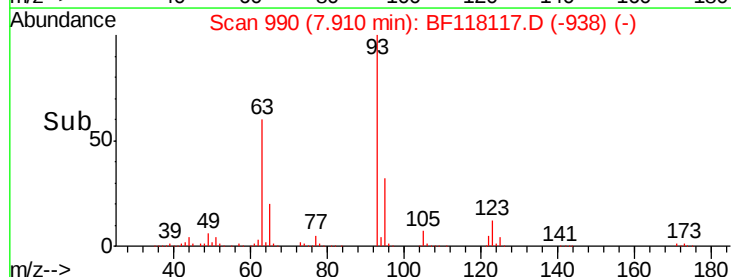
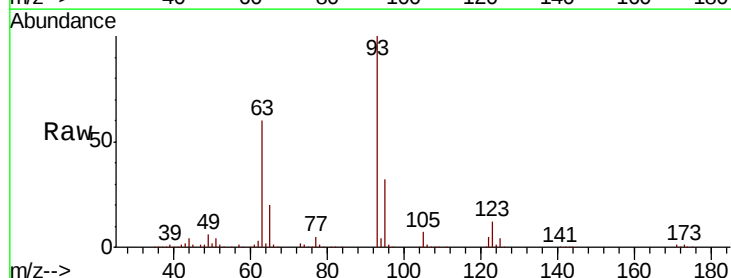
RT: 7.91 min Scan# 990

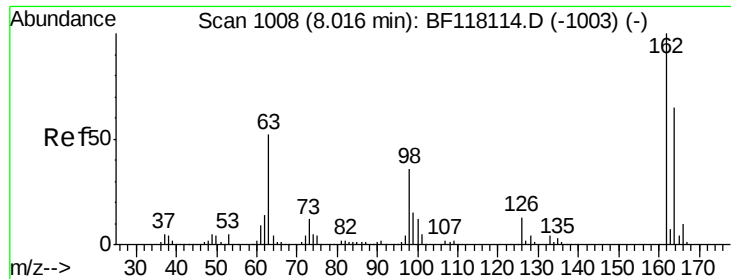
Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:	93	Resp:	765704
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.7	40.1
123	12.3	10.0	15.0





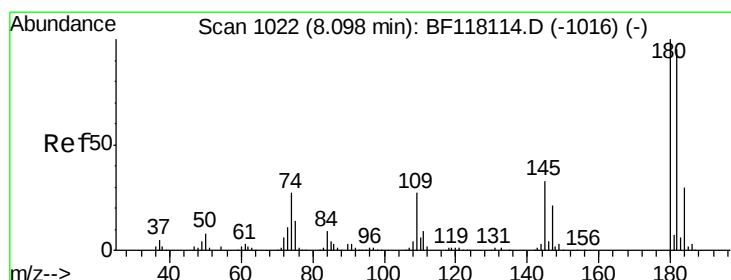
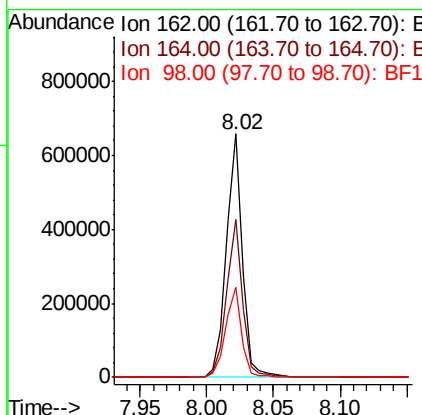
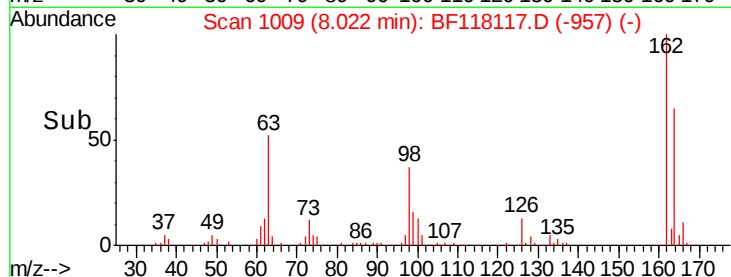
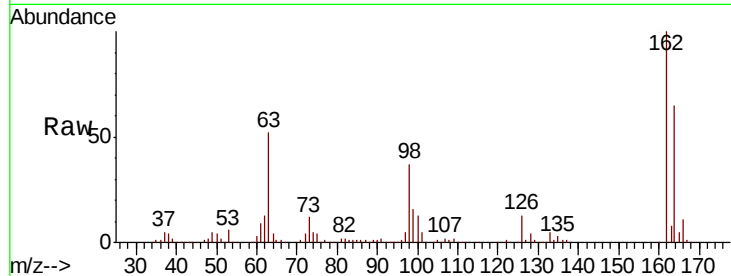
#29
2,4-Dichlorophenol
Concen: 79.141 ng
RT: 8.02 min Scan# 1009
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100	565001		
164	64.8	45.2	85.2	
98	37.0	15.9	55.9	

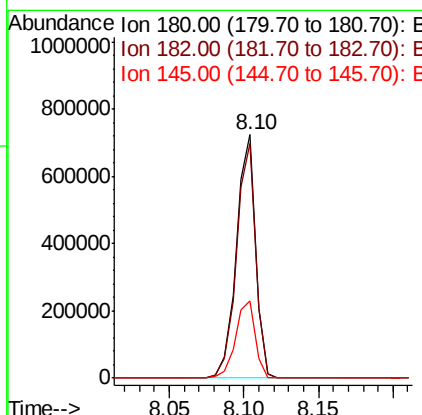
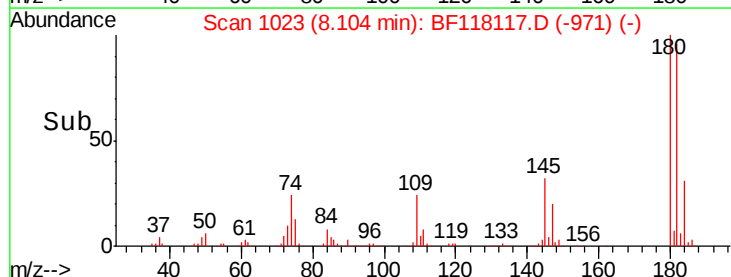
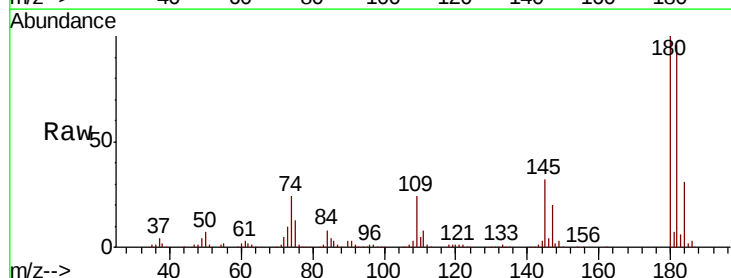
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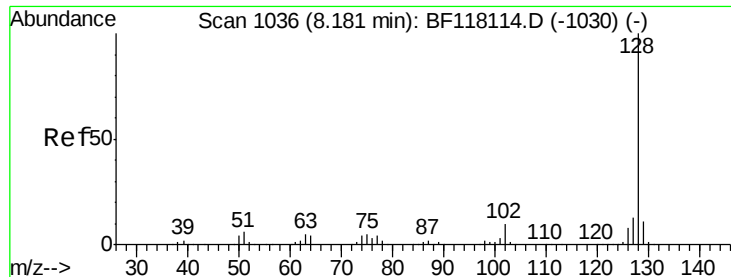
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 79.172 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	655621		
182	96.3	76.1	114.1	
145	31.9	26.1	39.1	





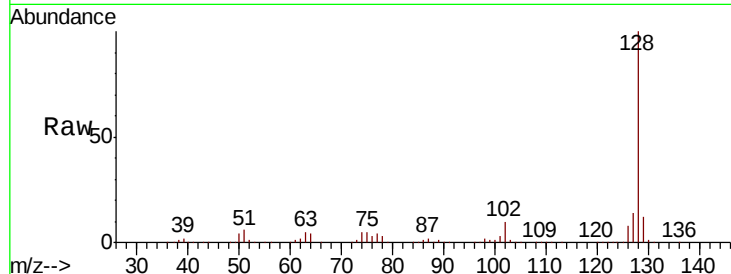
#31
Naphthalene
Concen: 81.723 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	14.1	10.6	16.0

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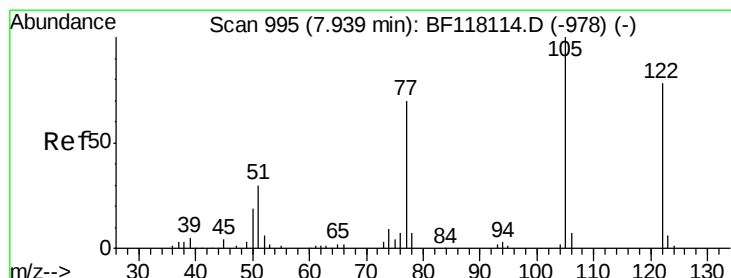
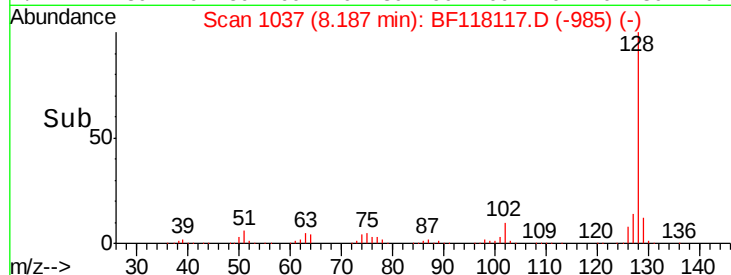
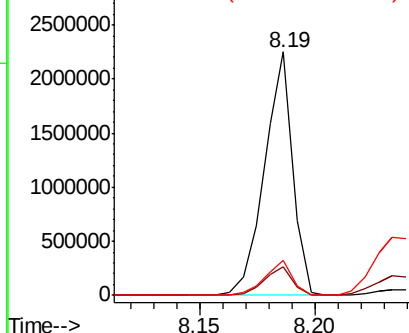


Abundance

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: 87.338 ng
RT: 7.97 min Scan# 1001
Delta R.T. 0.04 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

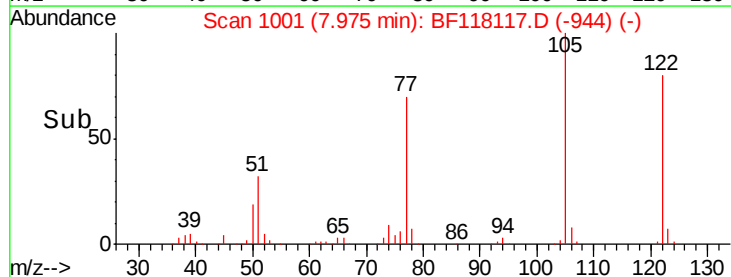
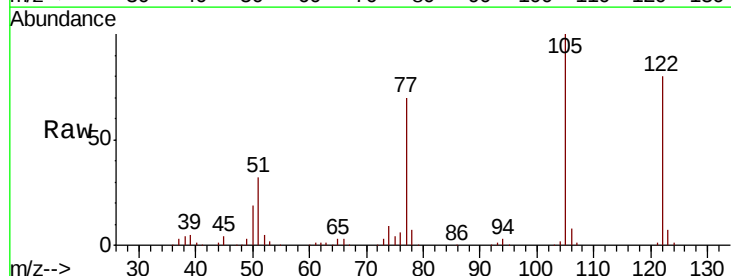
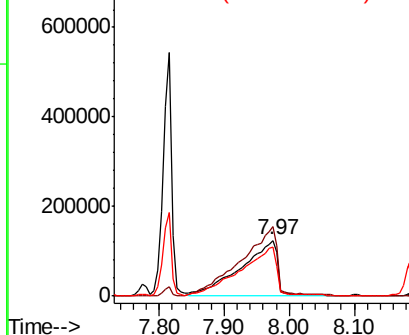
Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.5	104.7	144.7
77	87.6	69.1	109.1

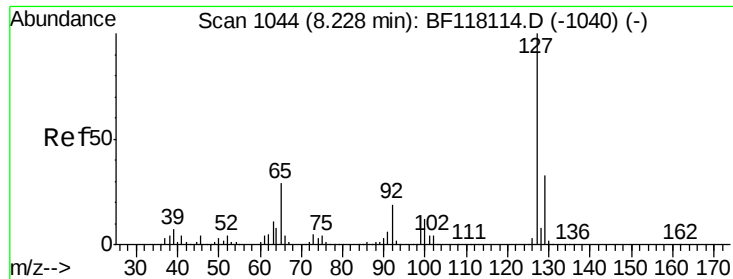
Abundance

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





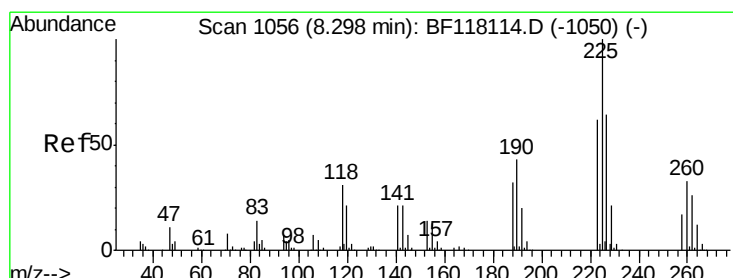
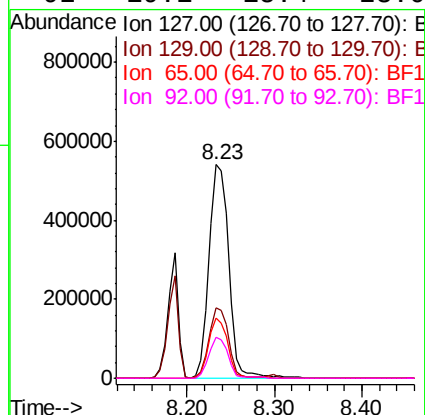
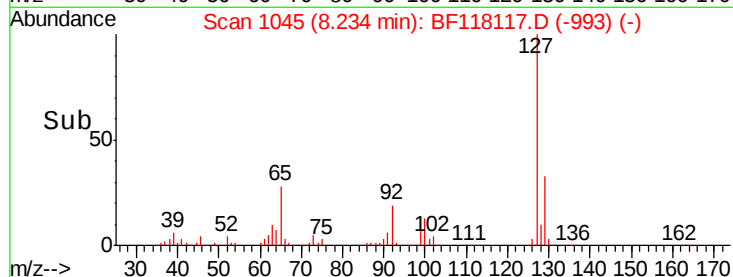
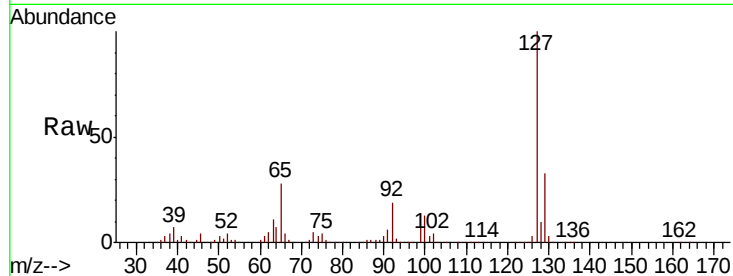
#33
 4-Chloroaniline
 Concen: 81.936 ng
 RT: 8.23 min Scan# 1045
 Delta R.T. 0.01 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		857495		
129	32.8	26.6	40.0		
65	28.1	23.2	34.8		
92	19.1	15.4	23.0		

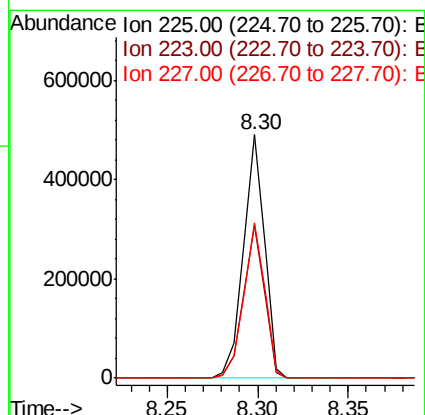
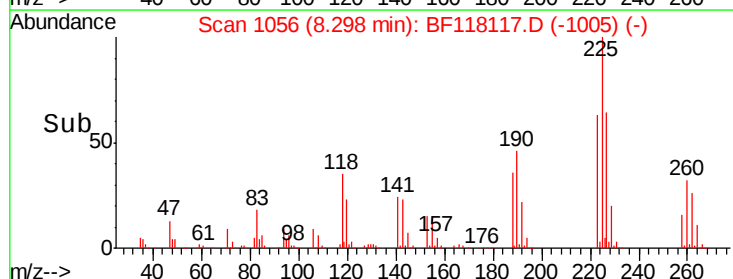
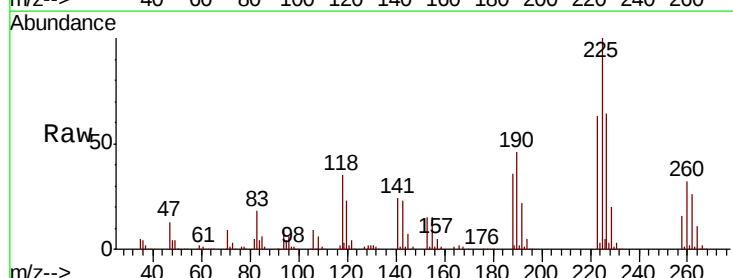
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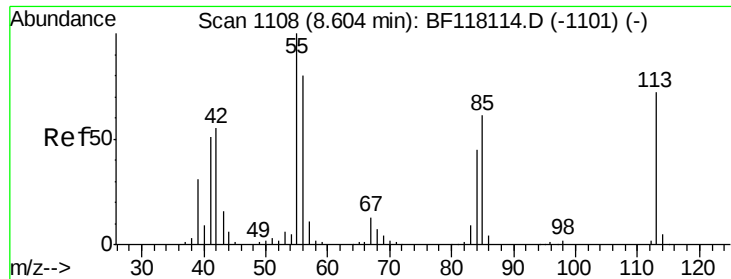
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#34
 Hexachlorobutadiene
 Concen: 81.839 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		396235		
223	62.6	49.6	74.4		
227	64.0	51.0	76.6		





#35

Caprolactam

Concen: 79.250 ng/mL

RT: 8.63 min Scan# 1113

Delta R.T. 0.03 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

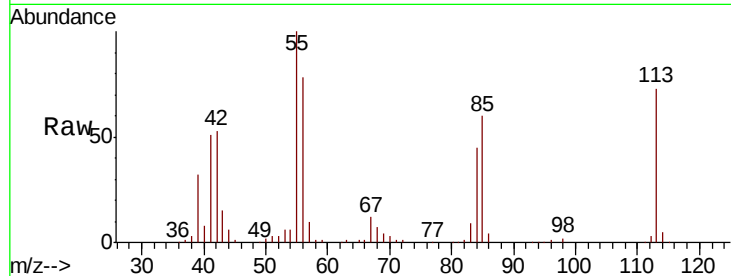
ClientSampleID :

SSTDICC080

Tot Ion:	113	Resp:	179815
Ion Ratio	Lower	Upper	
113	100		
55	137.0	118.9	158.9
56	107.1	91.4	131.4

Manual Integrations
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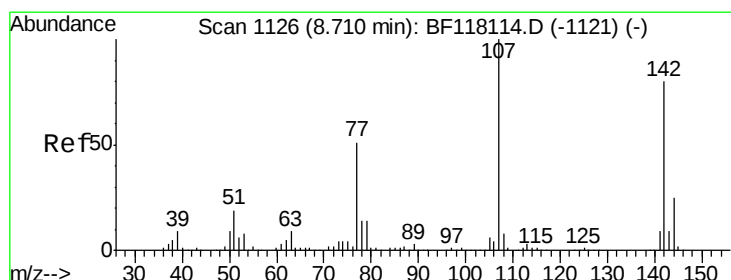
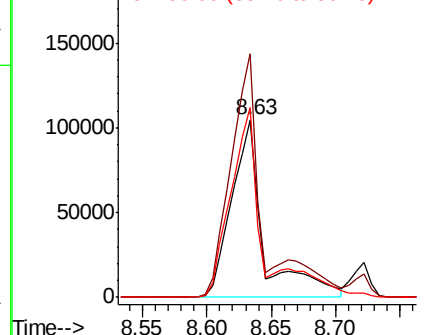
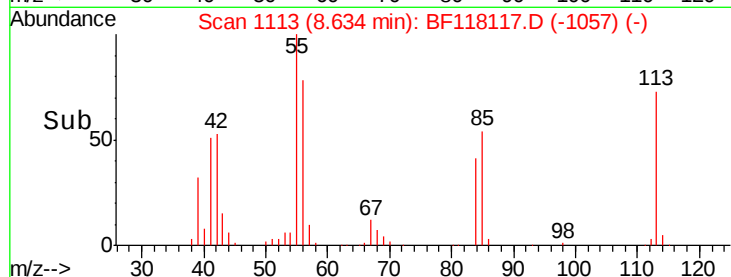
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 82.535 ng/mL

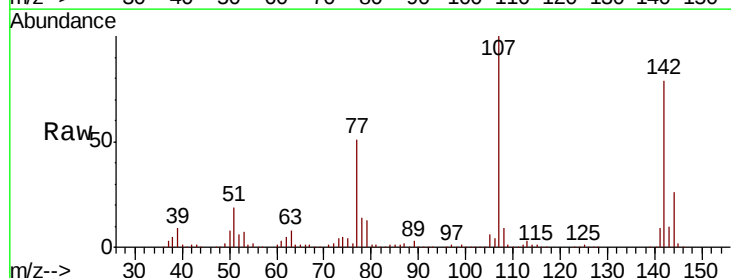
RT: 8.72 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

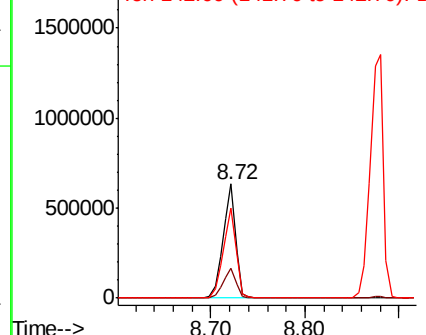
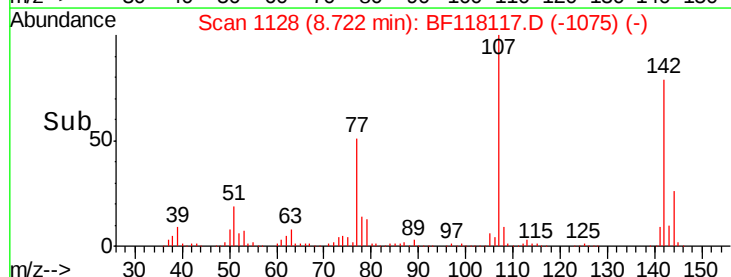
Tgt Ion:	107	Resp:	597997
Ion Ratio	Lower	Upper	
107	100		
144	26.5	20.3	30.5
142	79.3	63.7	95.5

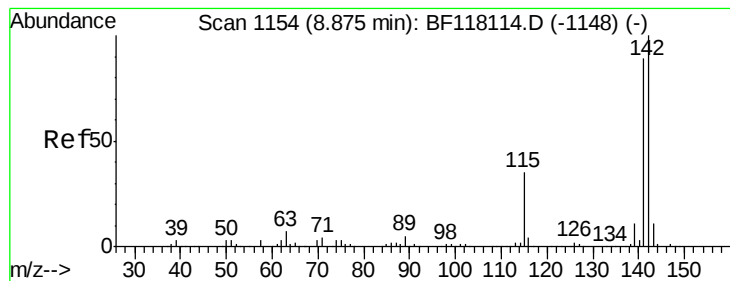


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





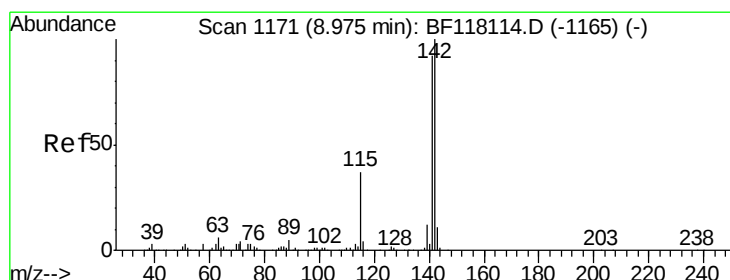
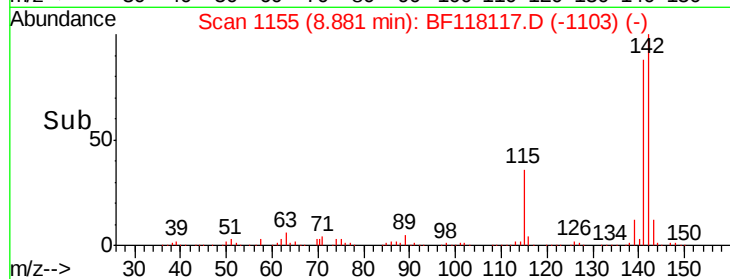
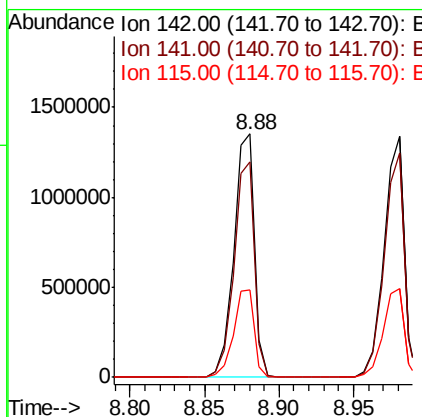
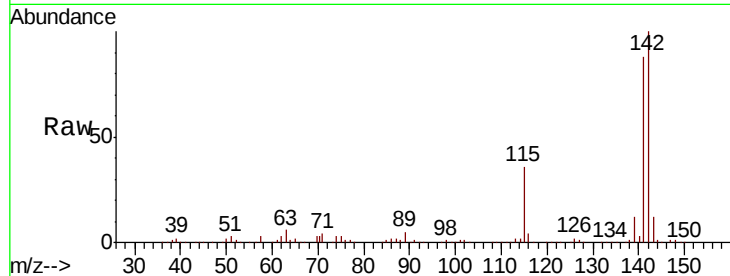
#37
2-Methylnaphthalene
Concen: 83.123 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.0
115	35.7	28.2	42.4

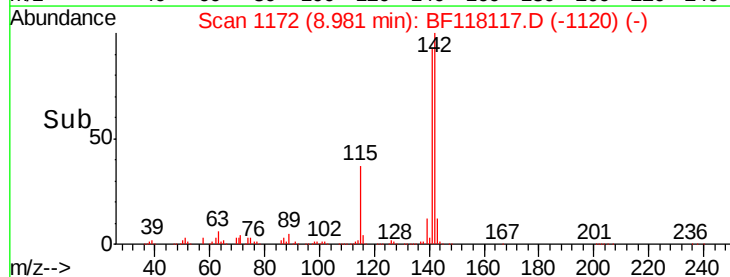
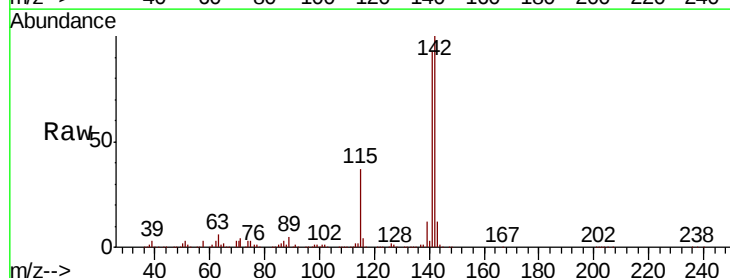
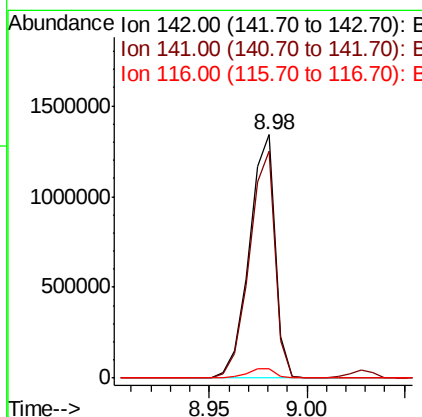
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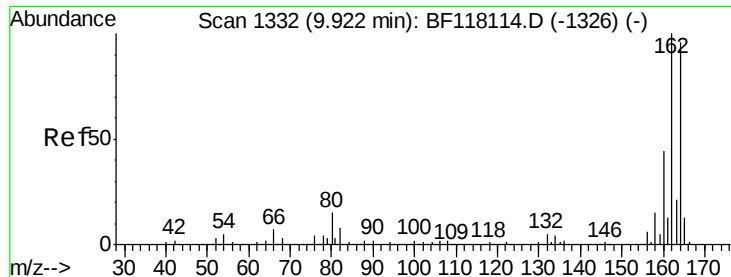
mohammad
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#38
1-Methylnaphthalene
Concen: 82.166 ng
RT: 8.98 min Scan# 1172
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.0	111.0
116	3.9	3.2	4.8





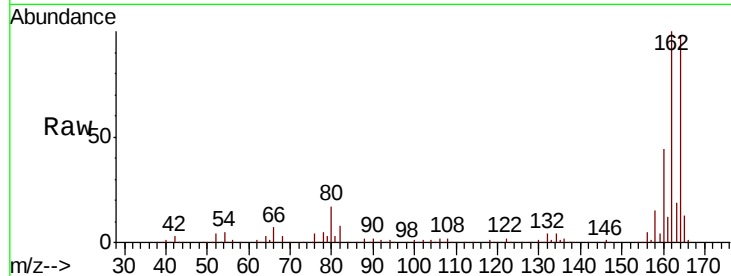
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.4	125.0
160	44.2	36.6	54.8

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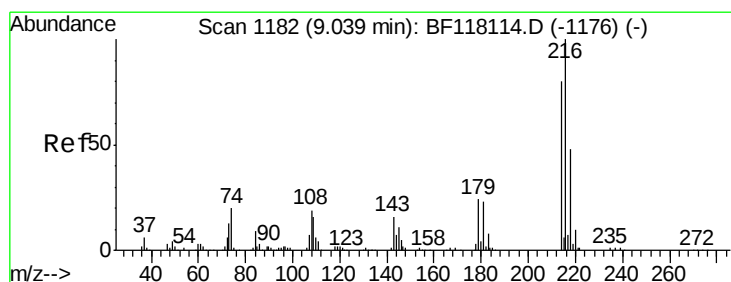
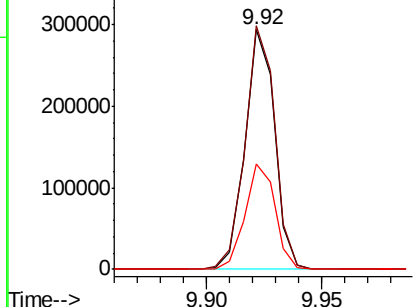
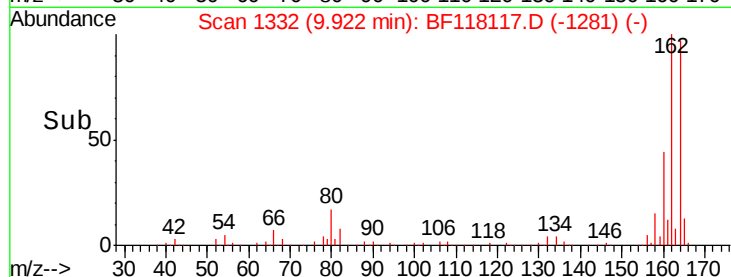


Abundance

Ion 164.00 (163.70 to 164.70): E

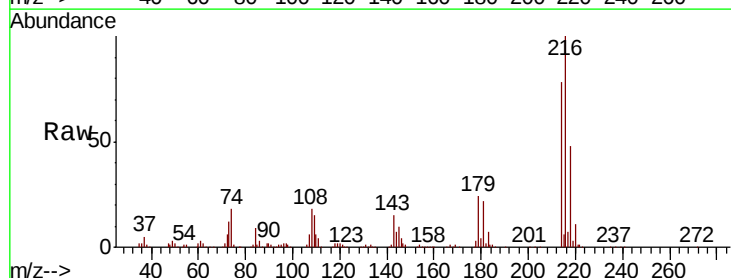
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 79.816 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	23.4	18.6	27.8
108	19.7	15.4	23.0



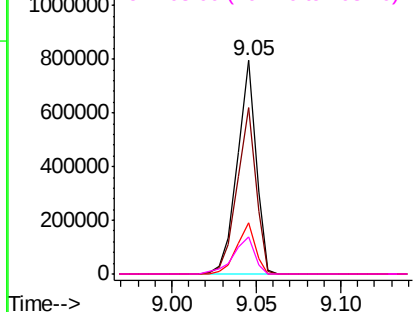
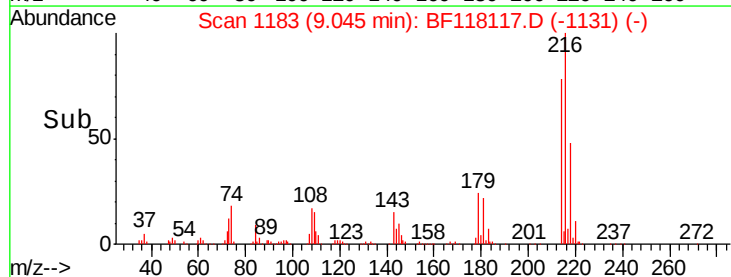
Abundance

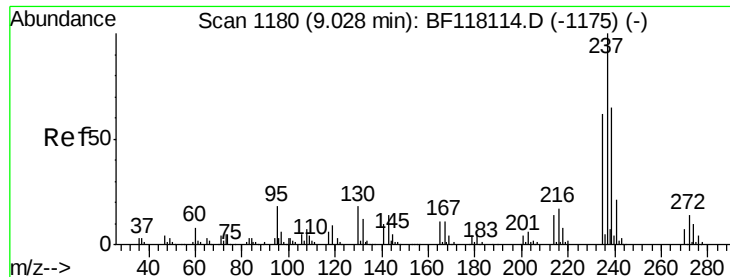
Ion 216.00 (215.70 to 216.70): E

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





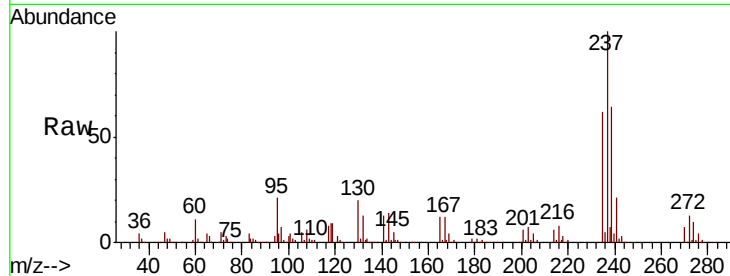
#41
Hexachlorocyclopentadiene
Concen: 73.375 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

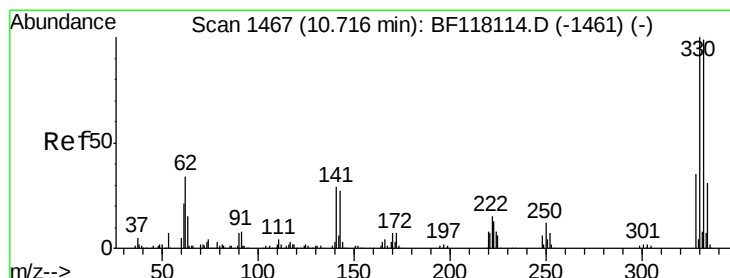
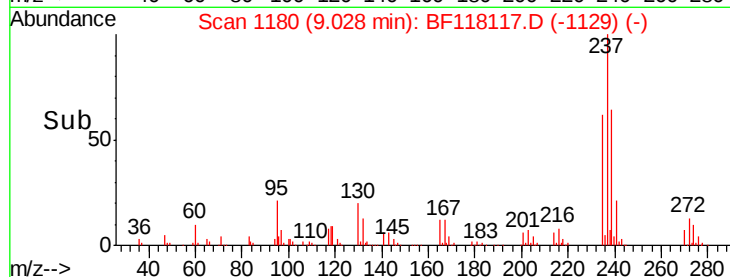
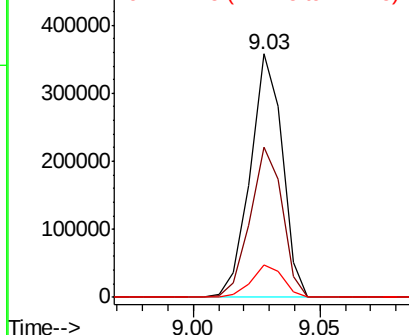
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.6	41.5	81.5
272	13.3	0.0	33.7

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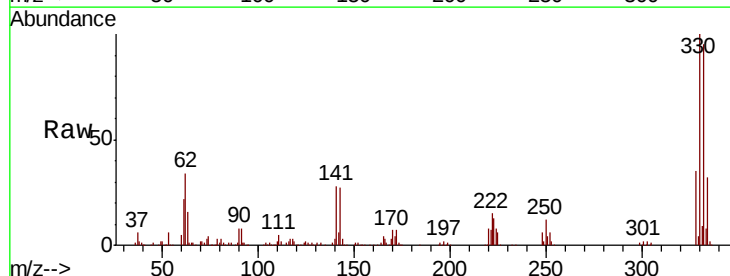


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

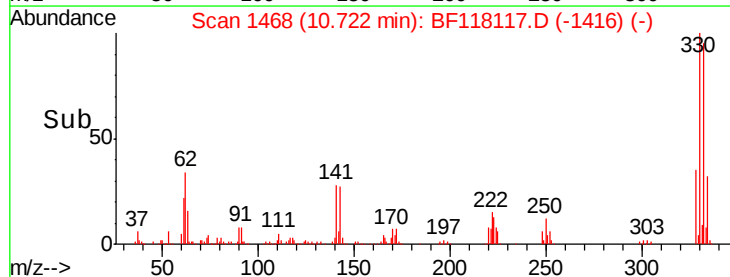
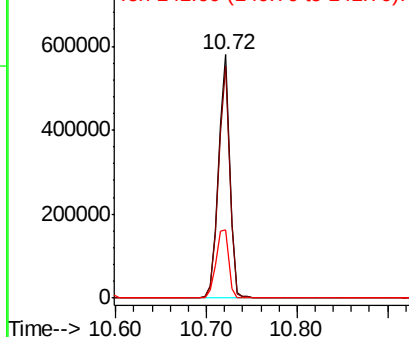


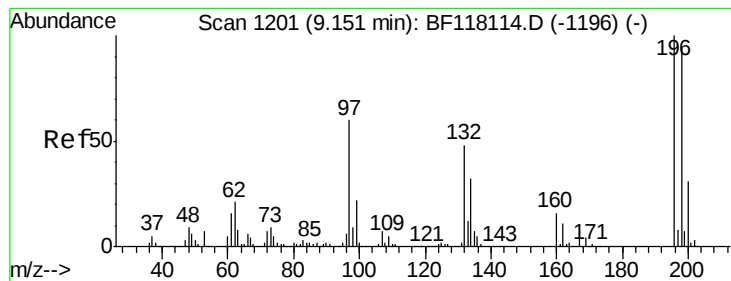
#42
2,4,6-Tribromophenol
Concen: 176.266 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.7	78.1	117.1
141	32.5	26.9	40.3



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 75.189 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

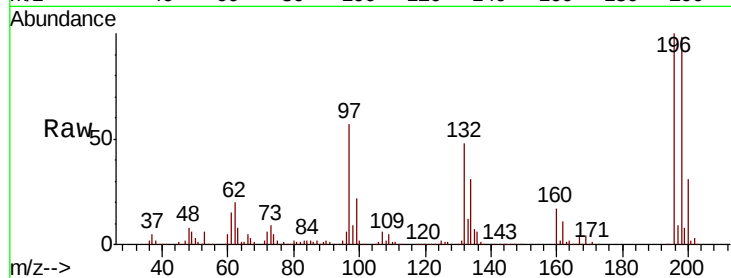
ClientSampleId :

SSTDIC080

Tot Ion:	196	Resp:	413533
Ion Ratio	Lower	Upper	
196	100		
198	97.5	75.0	112.4
200	31.2	24.5	36.7

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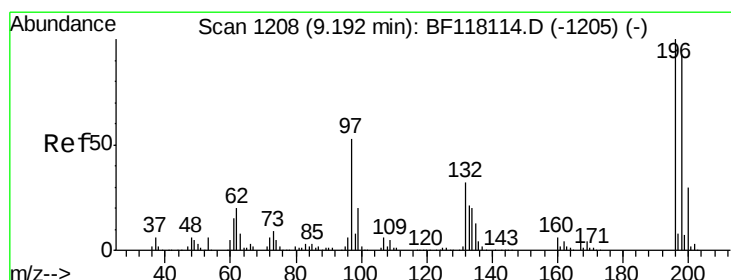
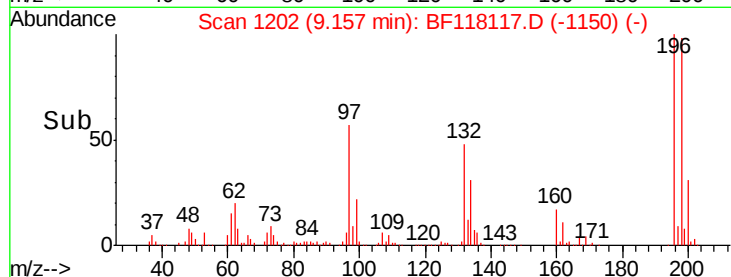
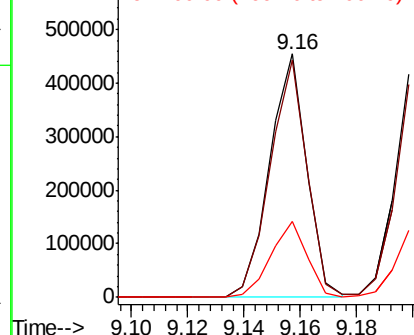


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 74.964 ng

RT: 9.20 min Scan# 1210

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:	196	Resp:	428075
Ion Ratio	Lower	Upper	
196	100		
198	96.9	74.2	111.4
97	45.4	42.5	63.7
132	27.7	25.4	38.2

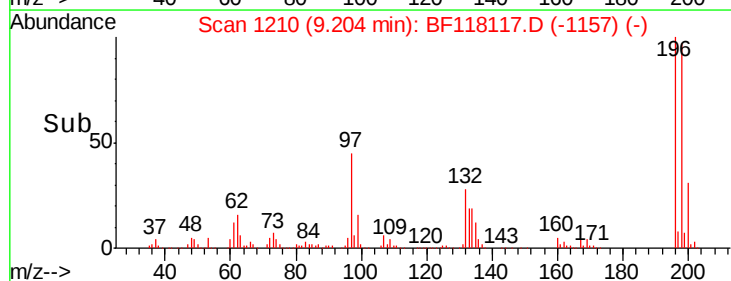
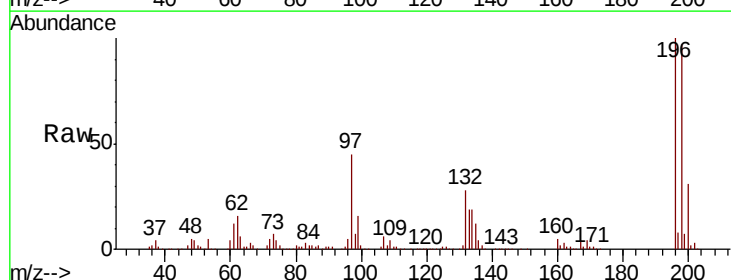
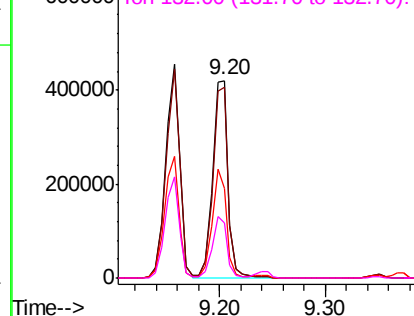
Abundance

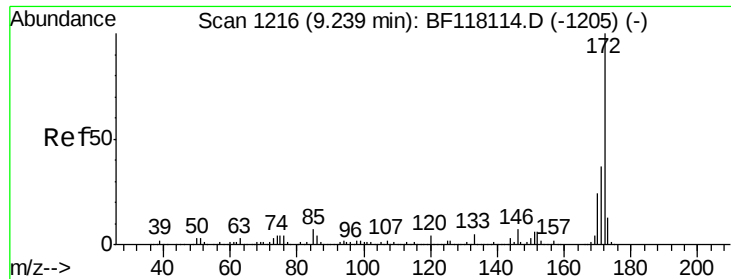
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





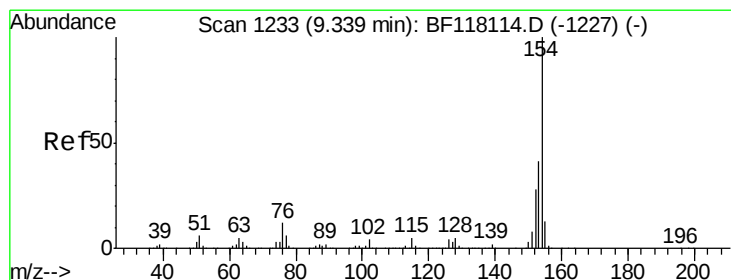
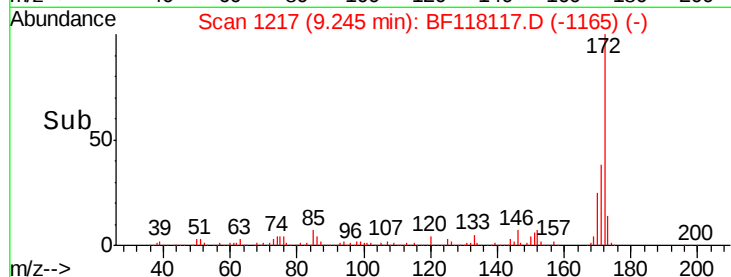
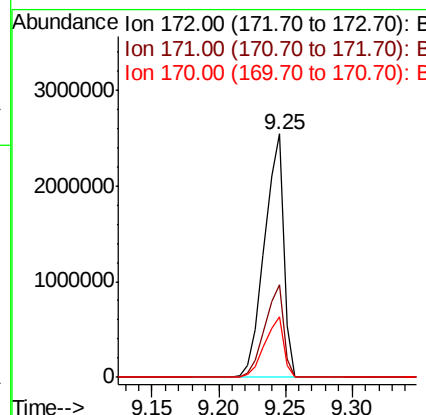
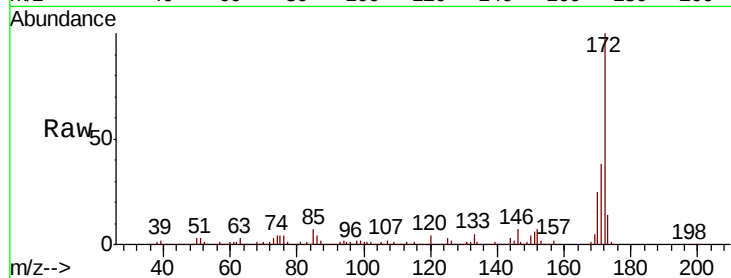
#45
2-Fluorobiphenyl
Concen: 170.981 ng
RT: 9.25 min Scan# 1217
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.2	43.8
170	24.8	19.4	29.2

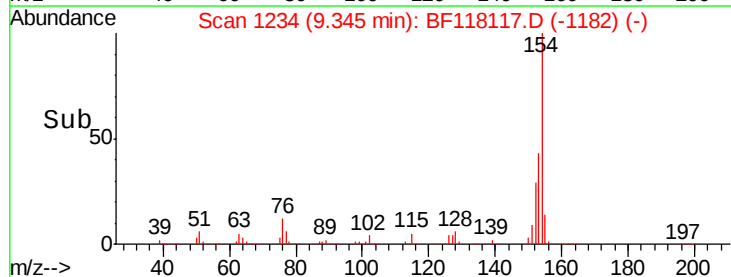
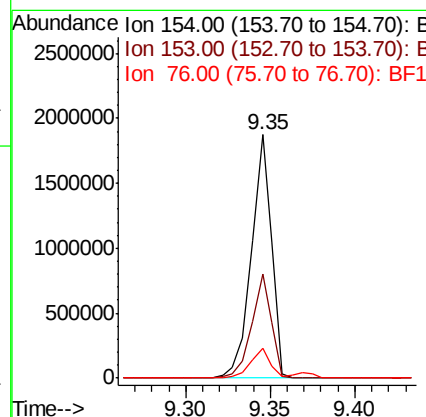
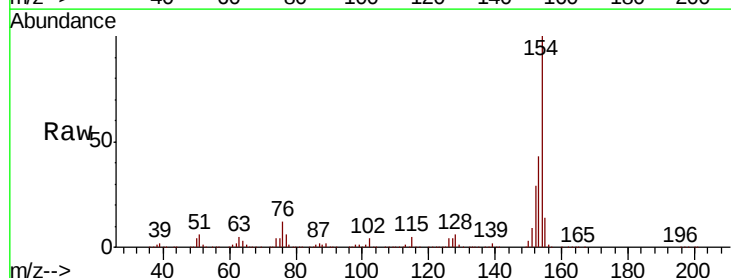
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12/9/2019 3:09:50 PM



#46
1,1'-Biphenyl
Concen: 79.926 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	20.7	60.7
76	12.1	0.0	31.9





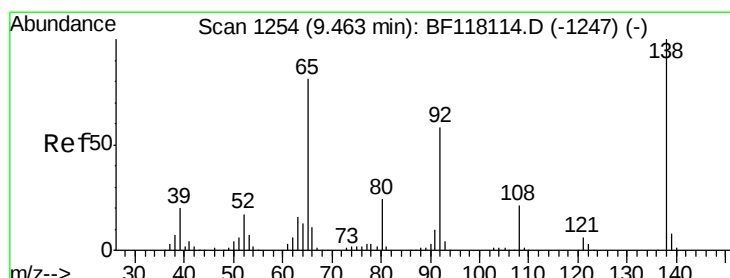
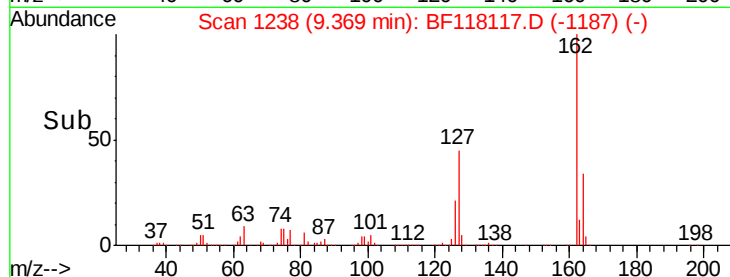
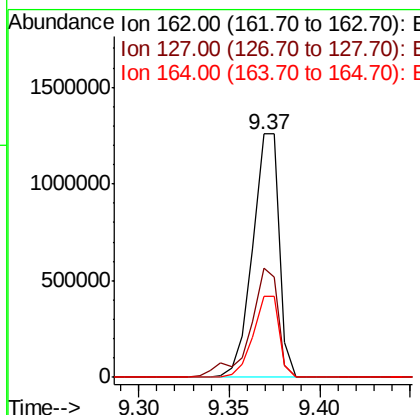
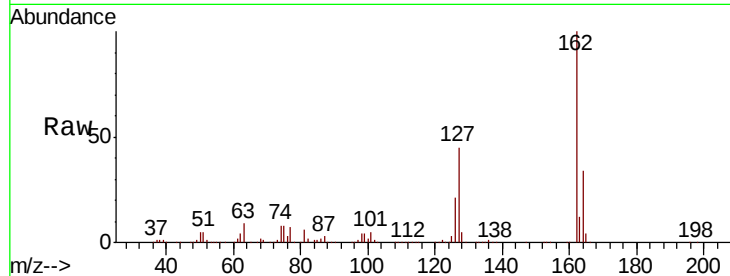
#47
 2-Chloronaphthalene
 Concen: 79.568 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	45.1	32.0	48.0
164	33.5	26.1	39.1

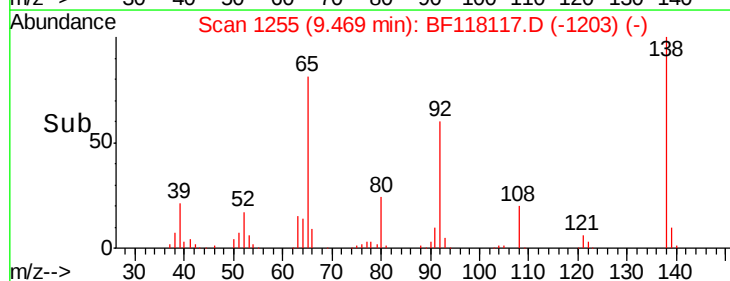
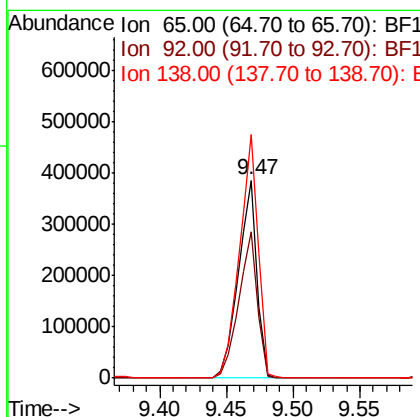
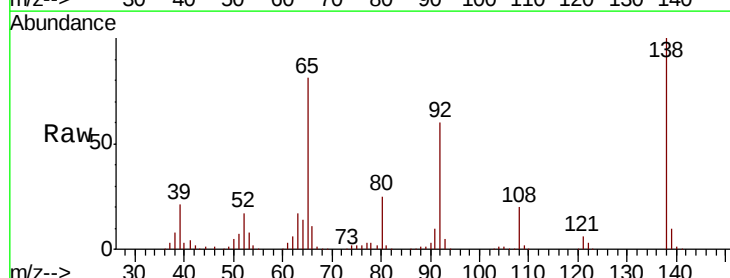
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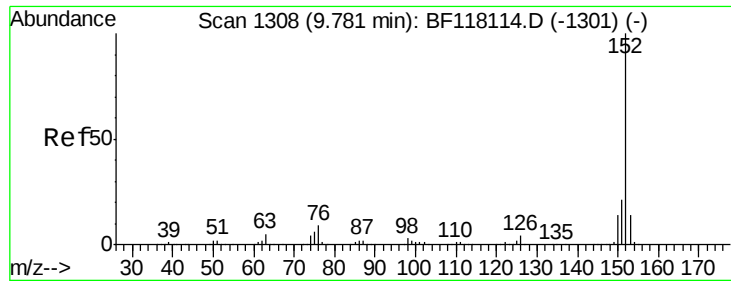
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#48
 2-Nitroaniline
 Concen: 77.484 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.0	57.8	86.6
138	122.9	98.8	148.2





#49

Acenaphthylene

Concen: 80.089 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:152 Resp: 1884330

Ion Ratio Lower Upper

152 100

151 20.8 16.4 24.6

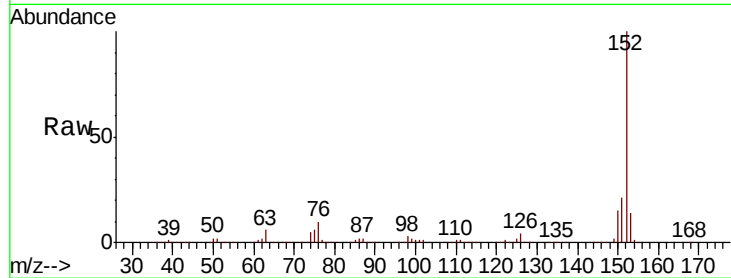
153 13.9 10.8 16.2

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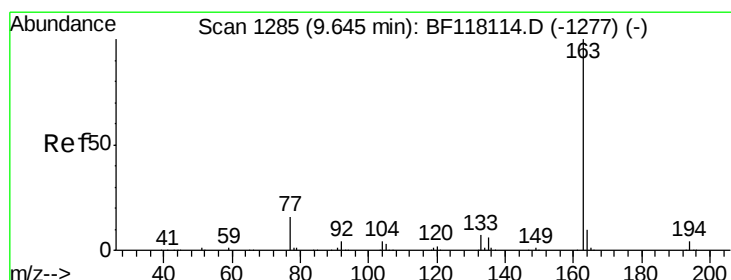
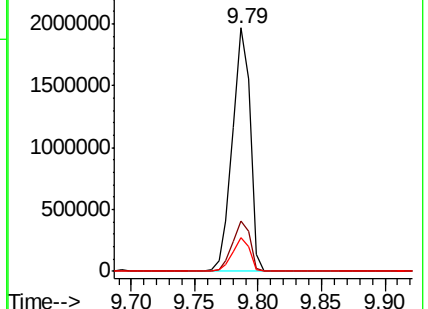
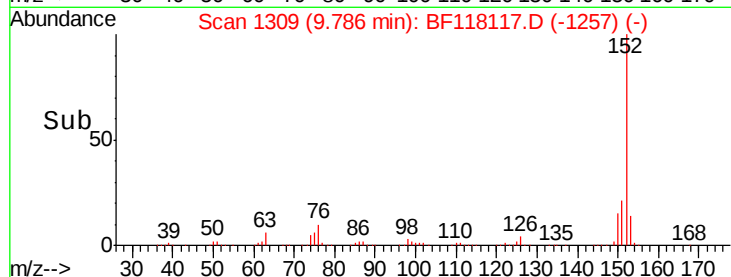
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 81.299 ng

RT: 9.65 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

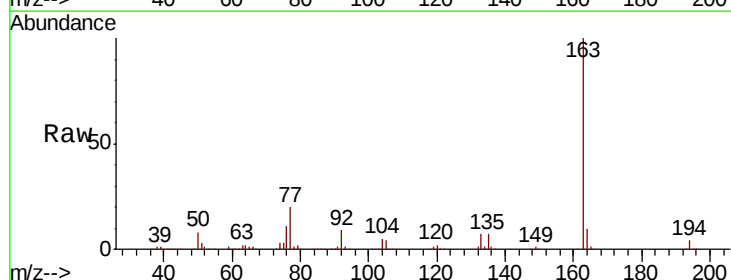
Tgt Ion:163 Resp: 1507390

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

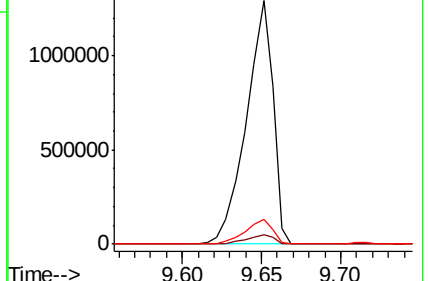
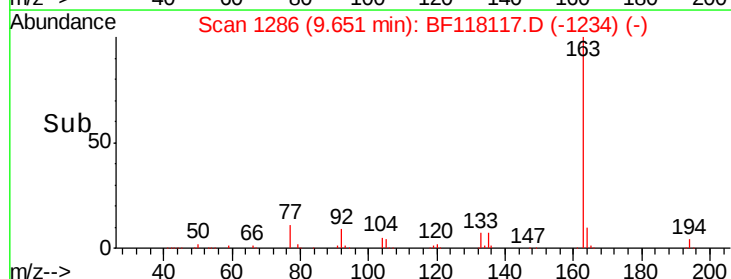
164 10.4 7.7 11.5

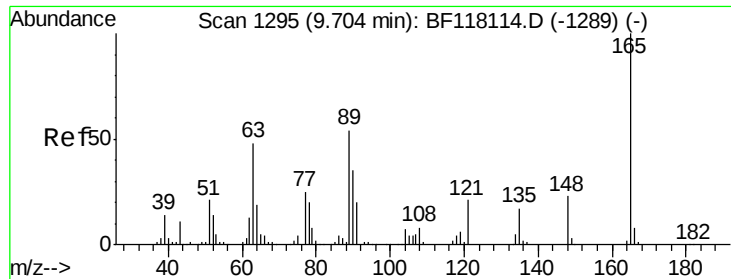


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 83.080 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

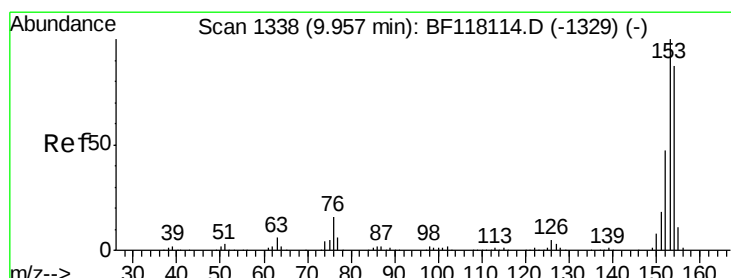
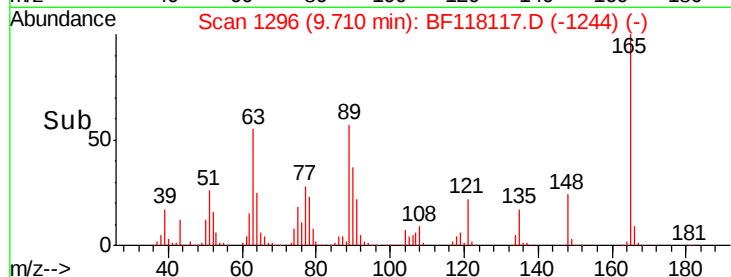
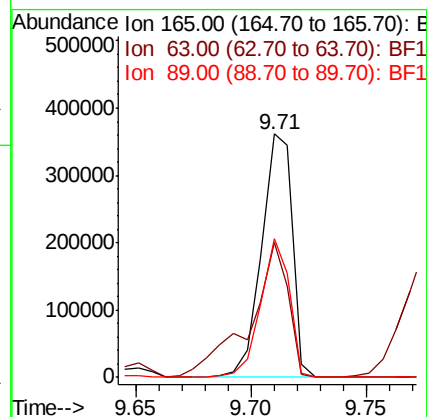
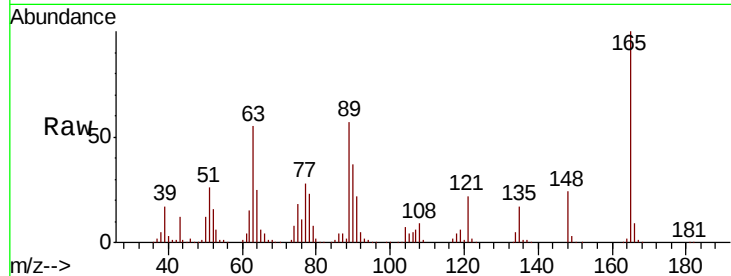
ClientSampleId :

SSTDICC080

Tot Ion:	165	Resp:	336665
Ion Ratio	Lower	Upper	
165	100		
63	55.3	41.4	62.0
89	56.9	42.9	64.3

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#52

Acenaphthene

Concen: 76.087 ng

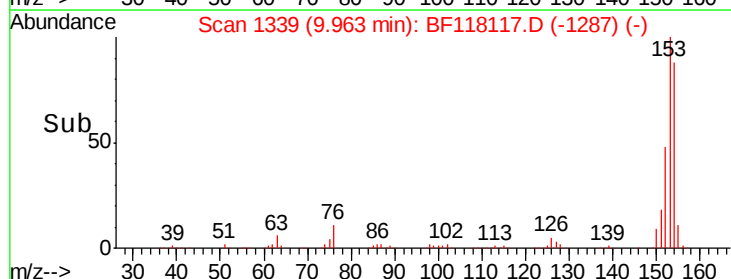
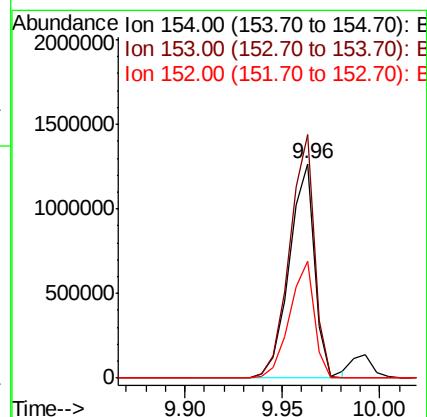
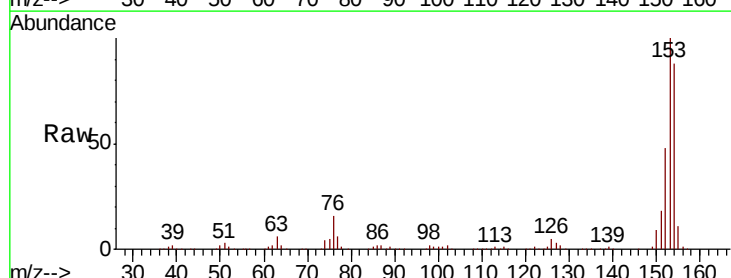
RT: 9.96 min Scan# 1339

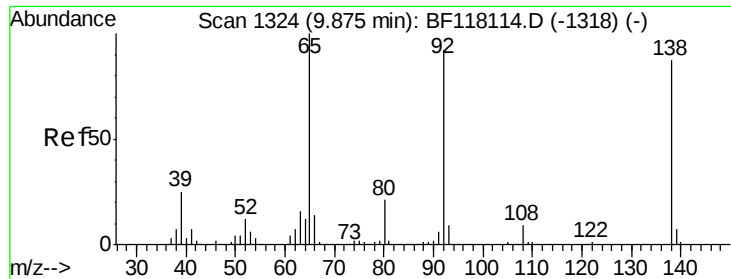
Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:	154	Resp:	1146780
Ion Ratio	Lower	Upper	
154	100		
153	113.4	91.8	137.6
152	54.4	43.3	64.9





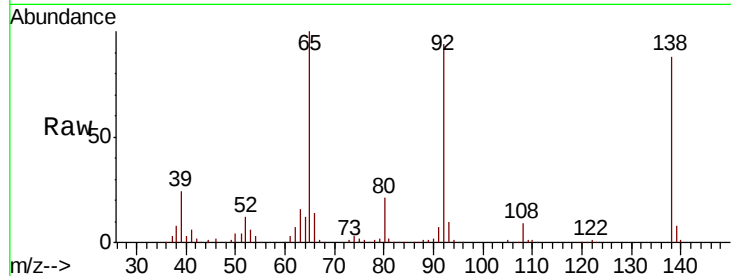
#53
3-Nitroaniline
Concen: 81.179 ng
RT: 9.89 min Scan# 1326
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampled :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.2	12.4
92	106.0	84.9	127.3

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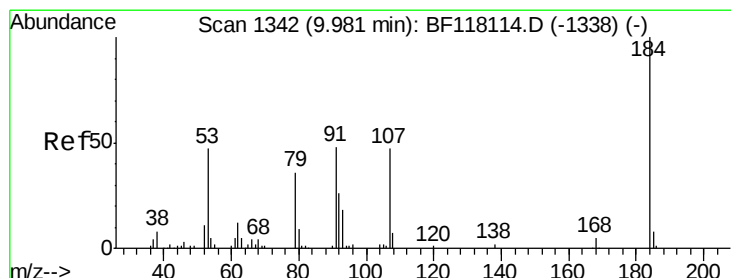
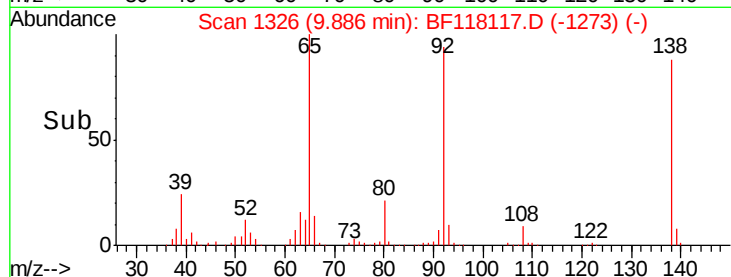
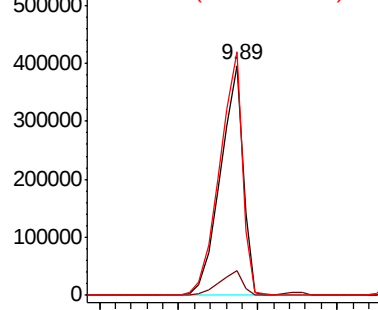


Abundance

Ion 138.00 (137.70 to 138.70): E

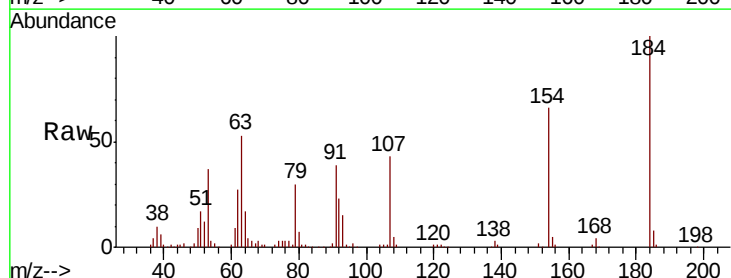
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 104.702 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.3	53.9	80.9#
154	66.4	56.3	84.5

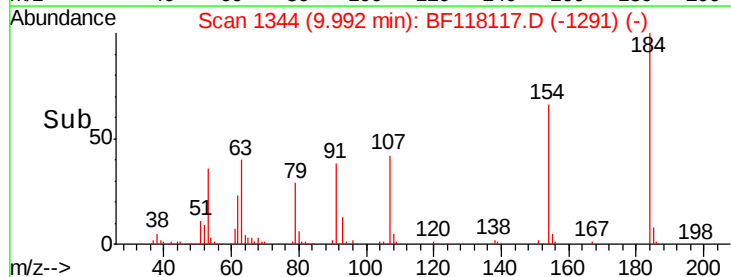
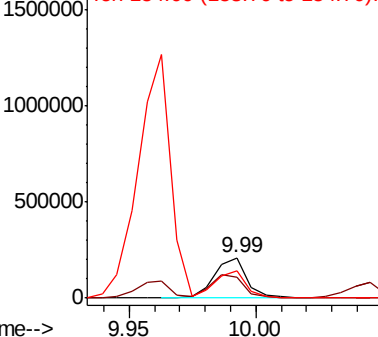


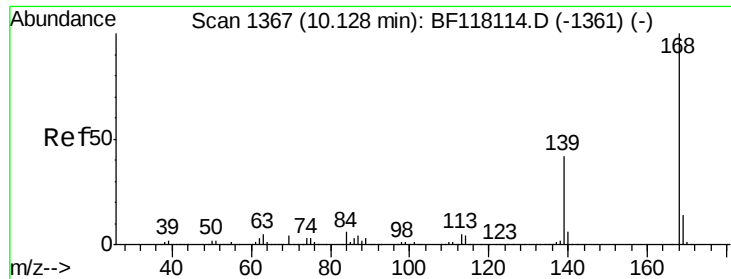
Abundance

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





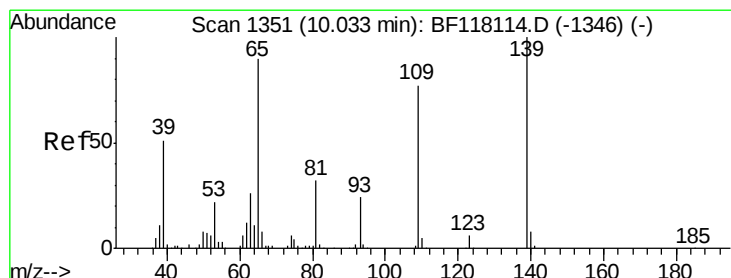
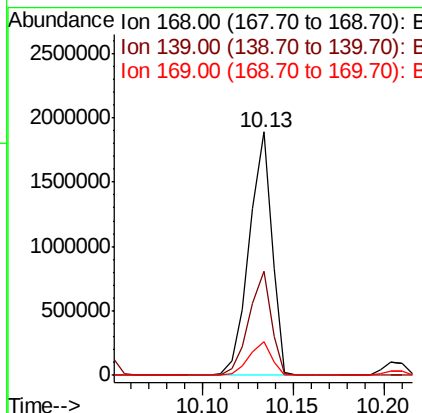
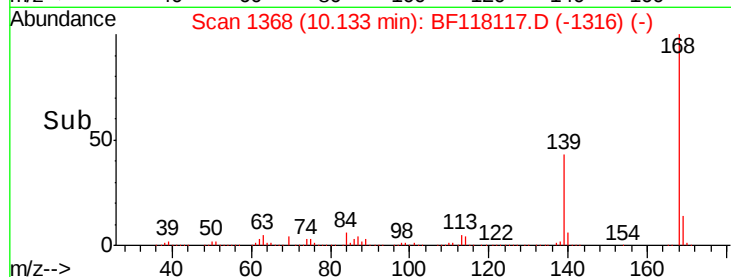
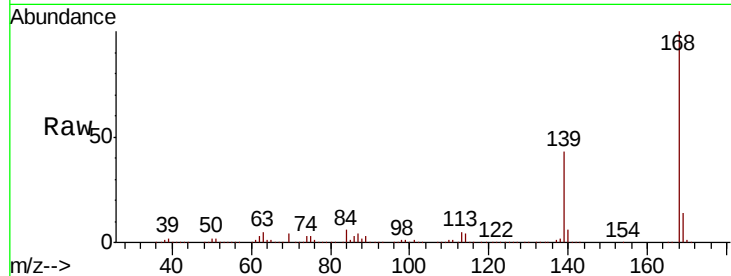
#55
Dibenzenofuran
Concen: 79.205 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:168 Resp: 1653081
Ion Ratio Lower Upper
168 100
139 42.5 33.4 50.0
169 14.0 11.0 16.6

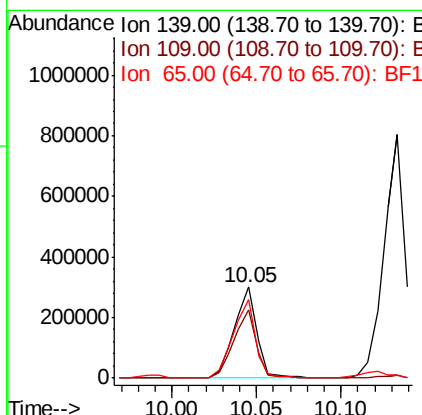
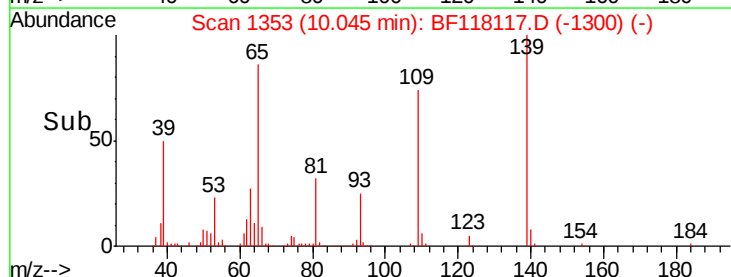
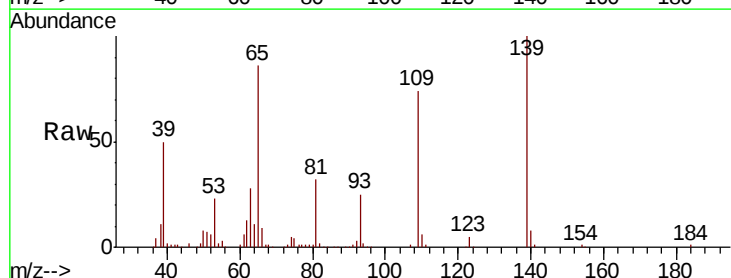
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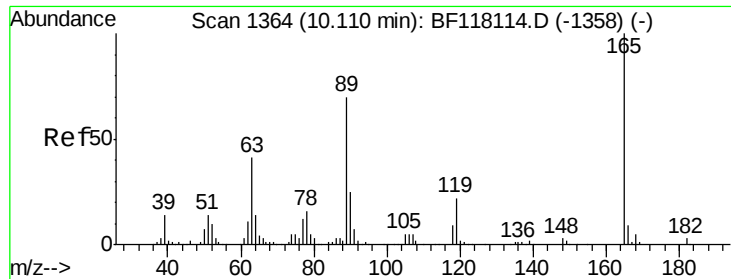
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#56
4-Nitrophenol
Concen: 76.950 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:139 Resp: 278507
Ion Ratio Lower Upper
139 100
109 74.5 57.3 97.3
65 85.9 70.2 110.2





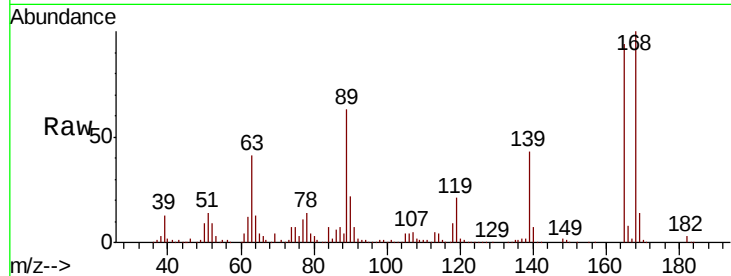
#57
2,4-Dinitrotoluene
Concen: 85.945 ng
RT: 10.12 min Scan# 1366
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

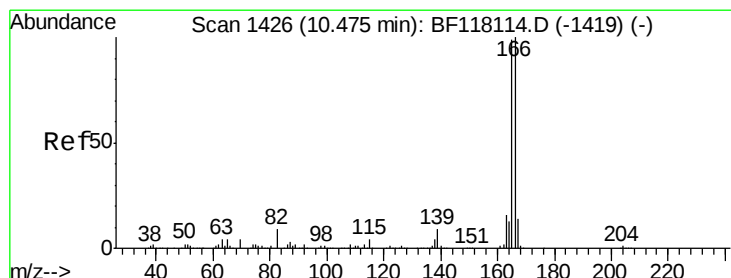
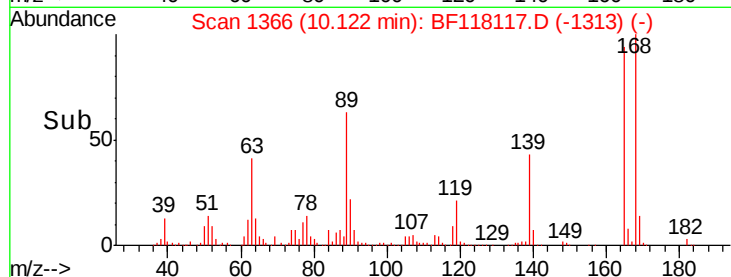
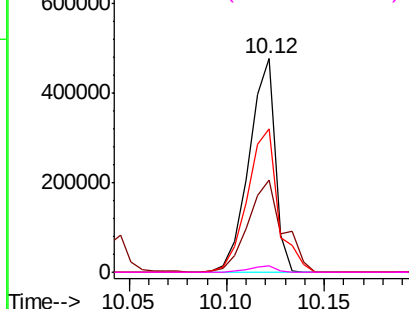
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	32.6	49.0
89	67.0	56.1	84.1
182	2.8	2.1	3.1

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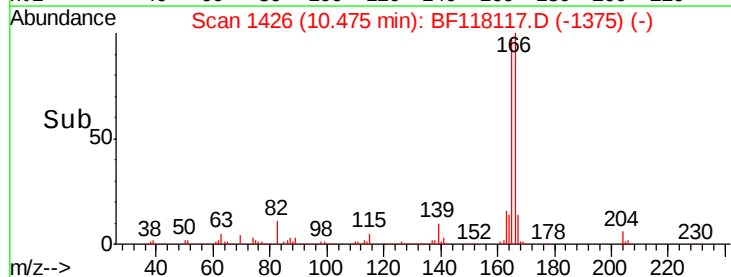
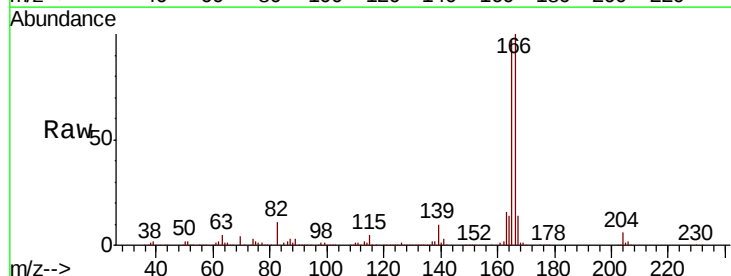
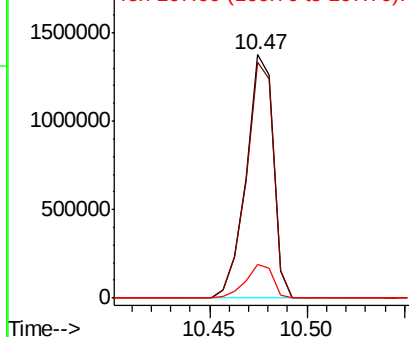
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

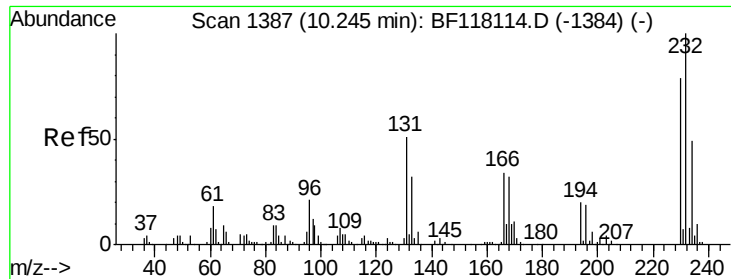


#58
Fluorene
Concen: 82.116 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.7	79.0	118.4
167	13.6	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





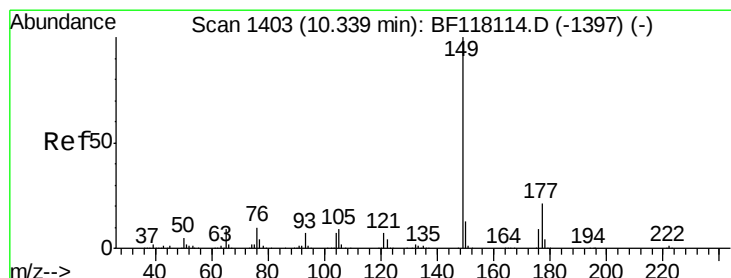
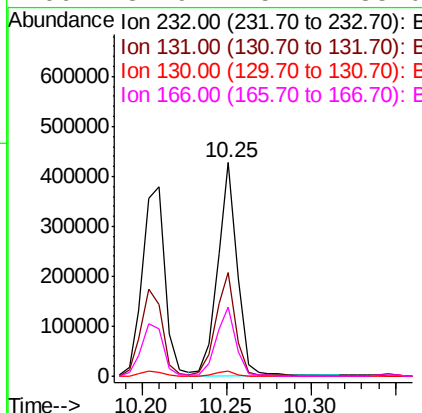
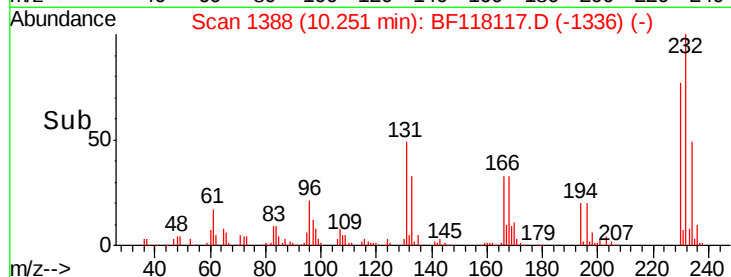
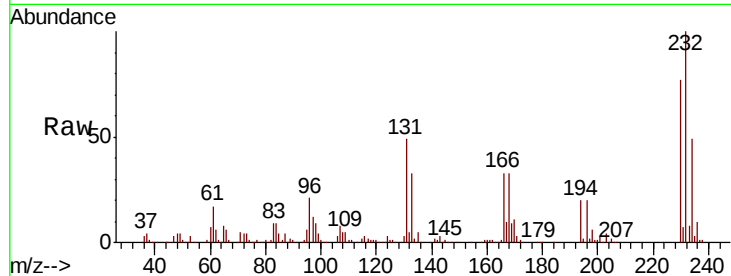
#59
2,3,4,6-Tetrachlorophenol
Concen: 73.664 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
232	100	345629		
131	49.5	38.8	58.2	
130	2.6	1.9	2.9	
166	32.9	25.4	38.0	

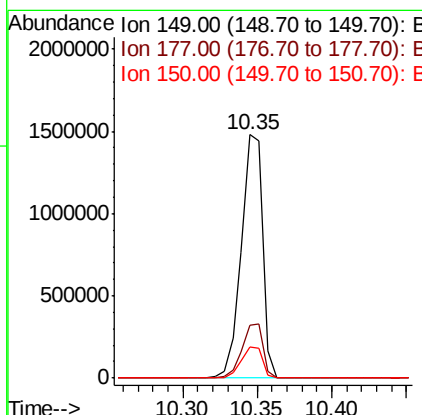
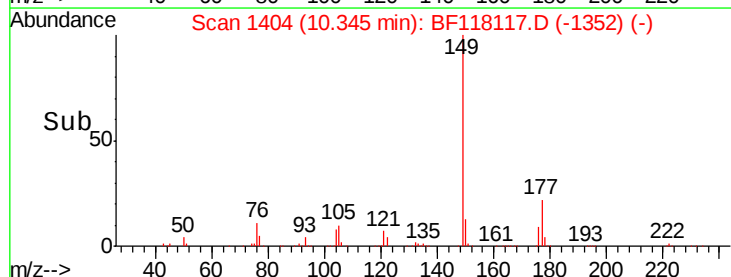
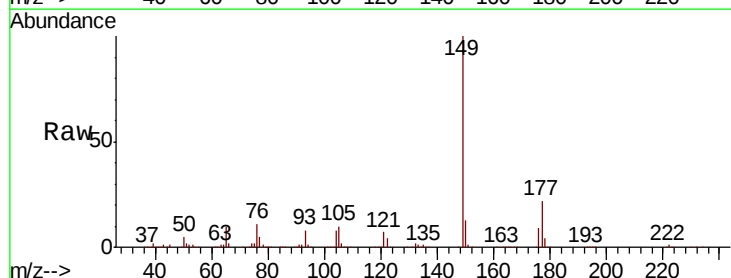
Manual Integrations
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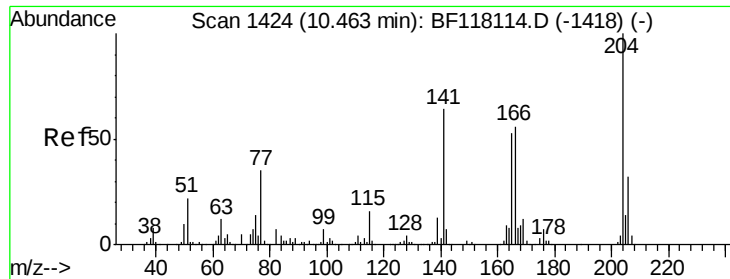
mohammad
12/9/2019 3:09:50 PM



#60
Diethylphthalate
Concen: 81.304 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1469699		
177	21.6	17.0	25.4	
150	12.9	10.1	15.1	





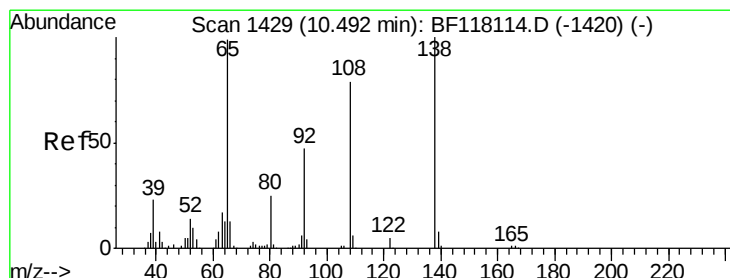
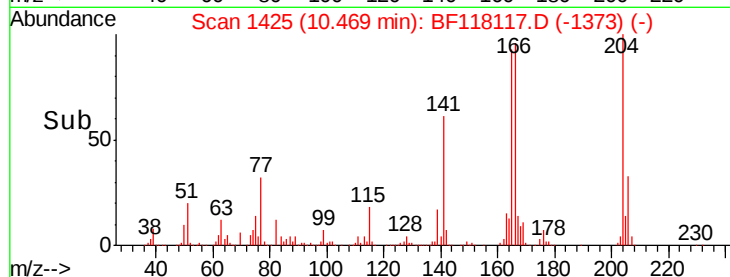
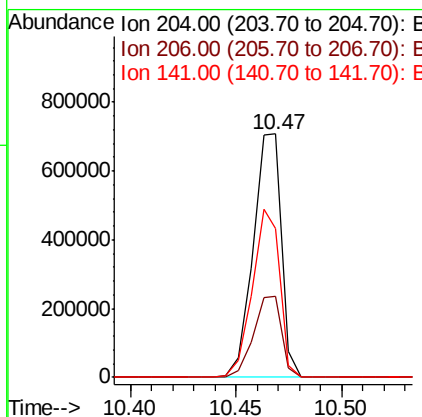
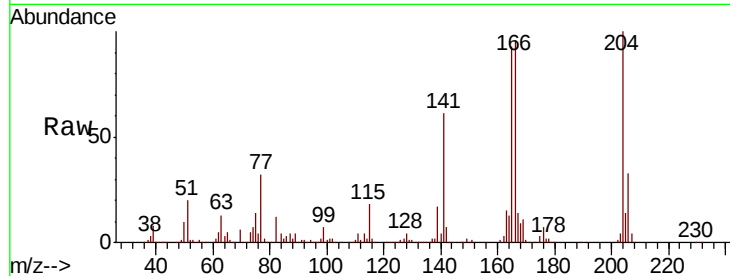
#61
4-Chlorophenyl-phenylether
Concen: 80.498 ng
RT: 10.47 min Scan# 1425
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.0	39.0
141	61.3	51.0	76.6

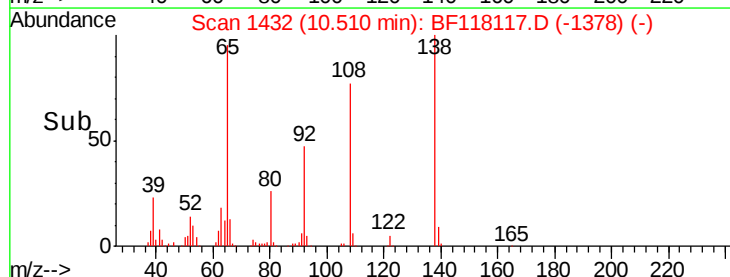
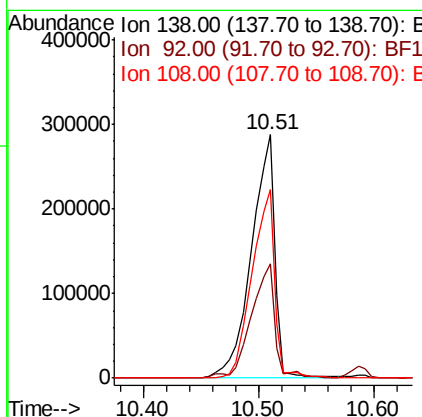
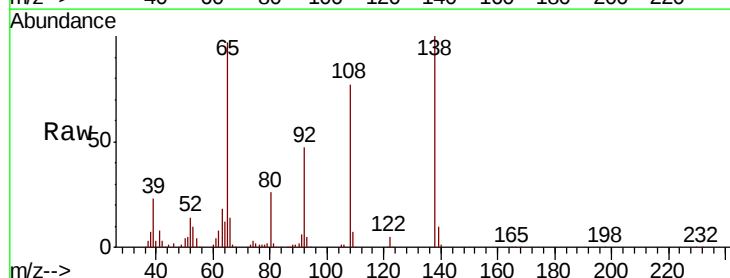
Manual Integrations
APPROVED

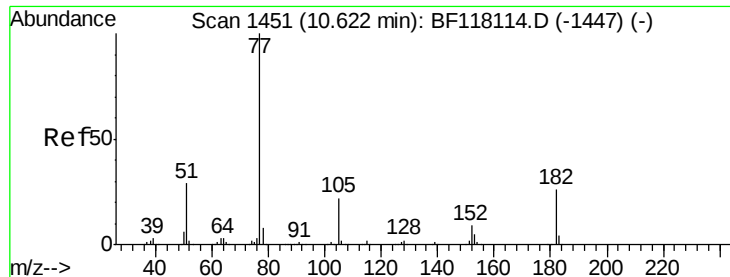
mohammad
12/9/2019 3:09:50 PM



#62
4-Nitroaniline
Concen: 84.558 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.02 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.0	27.1	67.1
108	77.2	59.0	99.0





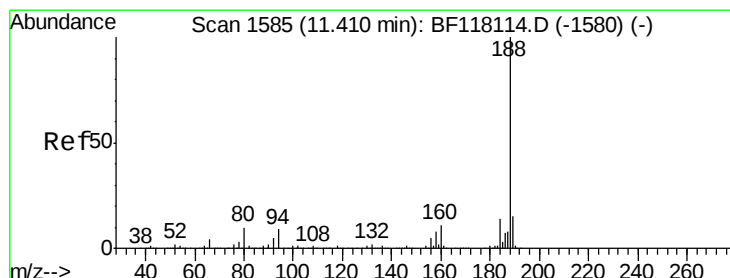
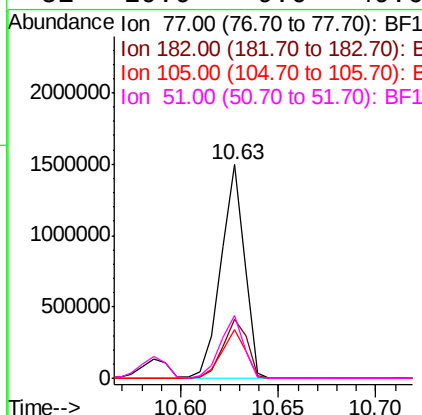
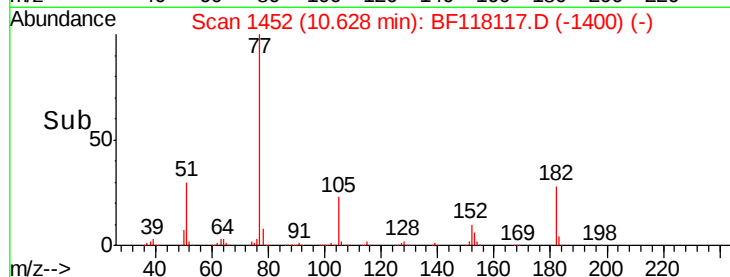
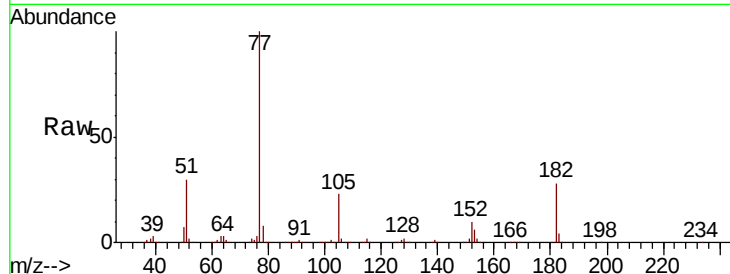
#63
Azobenzene
Concen: 75.980 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion:	77	Resp:	1249529
Ion	Ratio	Lower	Upper
77	100		
182	27.5	5.7	45.7
105	22.8	2.2	42.2
51	29.6	9.6	49.6

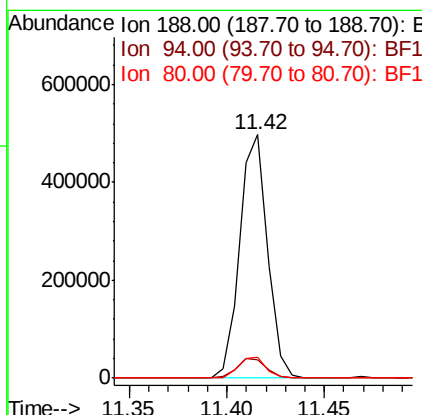
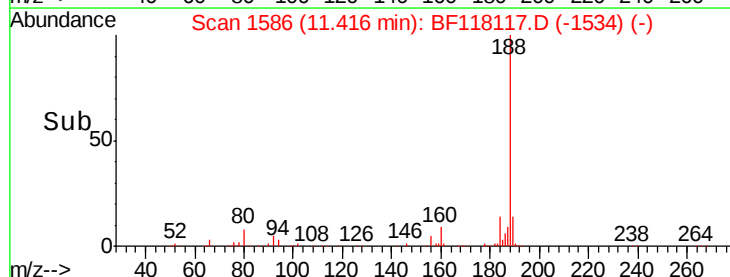
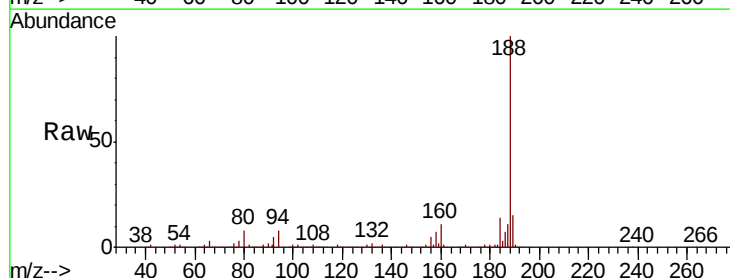
Manual Integrations
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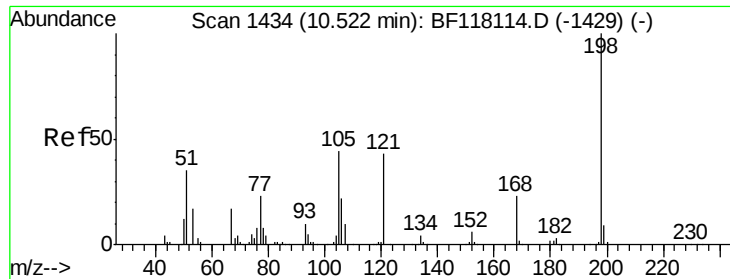
mohammad
12/9/2019 3:09:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:	188	Resp:	489479
Ion	Ratio	Lower	Upper
188	100		
94	7.7	7.1	10.7
80	8.3	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 101.536 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

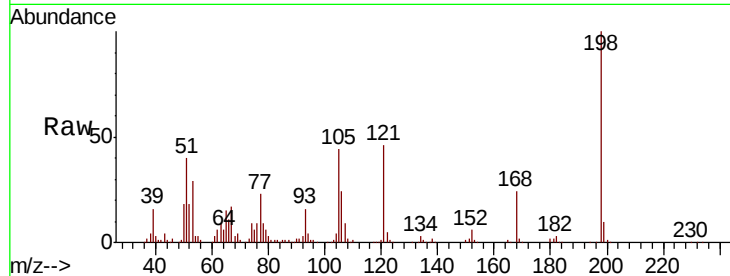
ClientSampled :

SSTDIC080

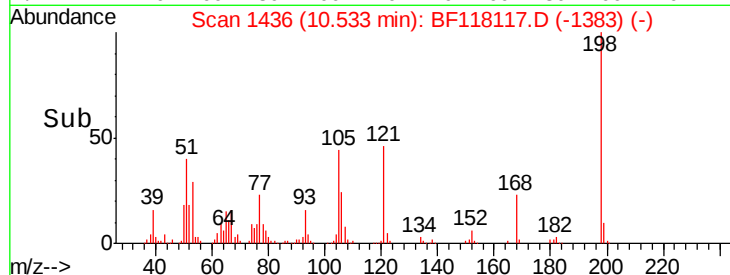
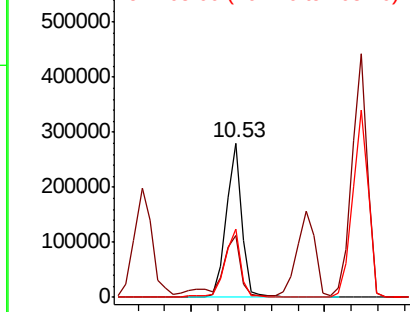
Tot Ion:	198	Resp:	232017
Ion Ratio	Lower	Upper	
198	100		
51	40.4	22.0	62.0
105	43.9	25.6	65.6

Manual Integrations
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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 83.544 ng

RT: 10.59 min Scan# 1445

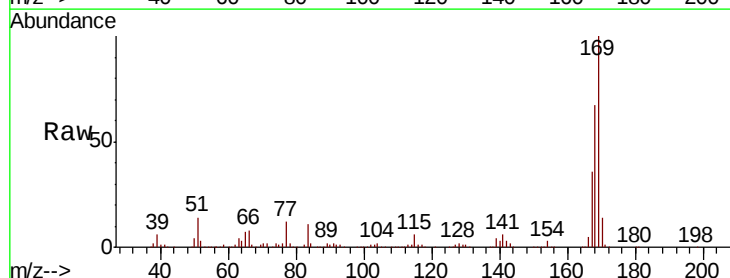
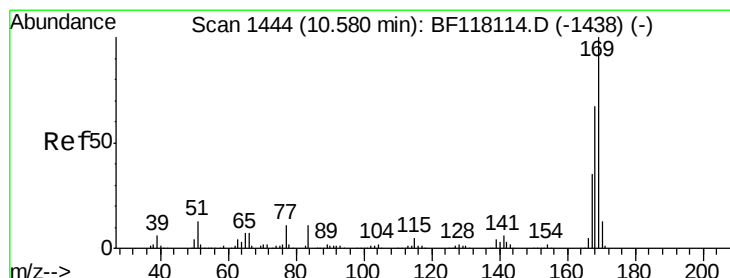
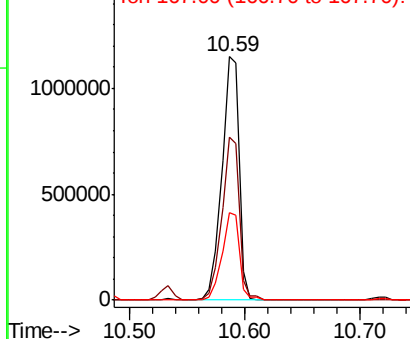
Delta R.T. 0.01 min

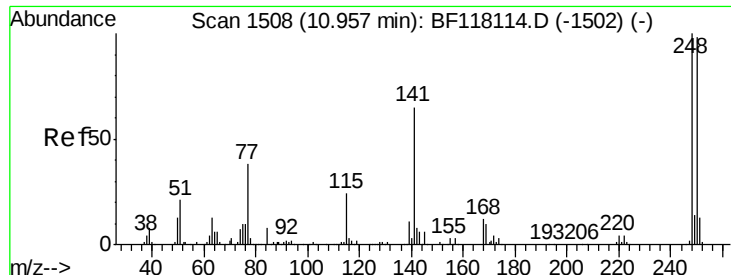
Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:	169	Resp:	1190102
Ion Ratio	Lower	Upper	
169	100		
168	66.8	53.4	80.2
167	35.9	28.4	42.6

Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





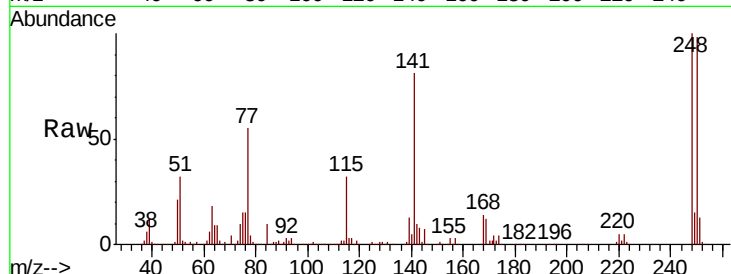
#67
4-Bromophenyl-phenylether
Concen: 82.060 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.3	117.5
141	81.4	52.2	78.4

Manual Integrations
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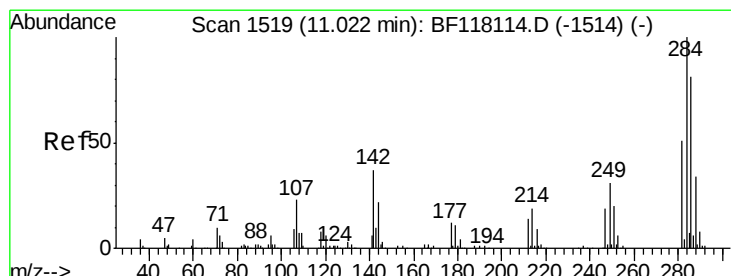
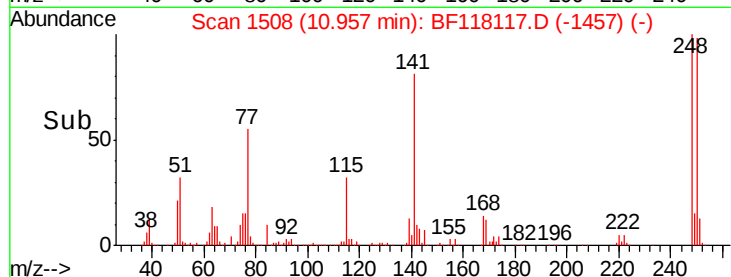
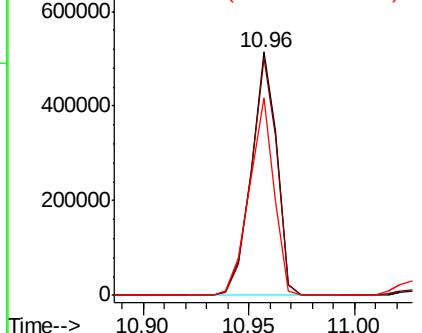


Abundance

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: 84.143 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

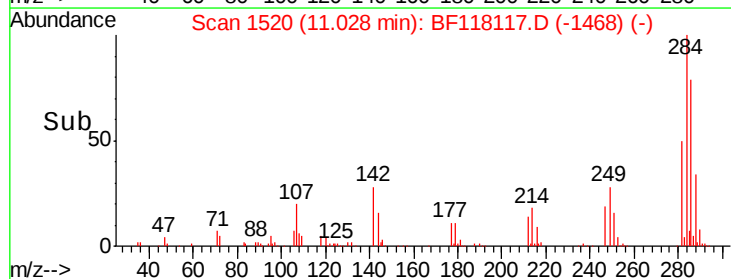
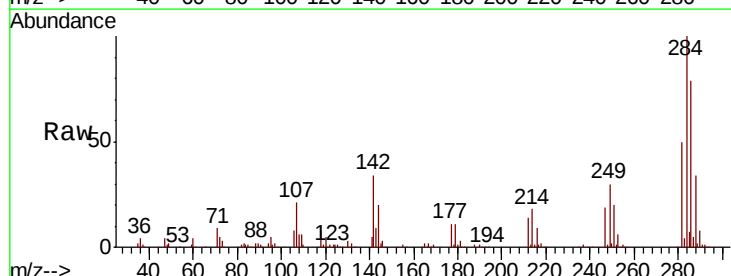
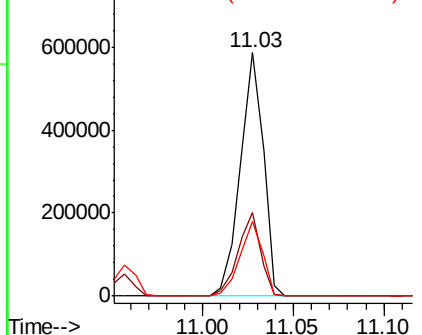
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	29.7	44.5
249	30.4	24.6	37.0

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





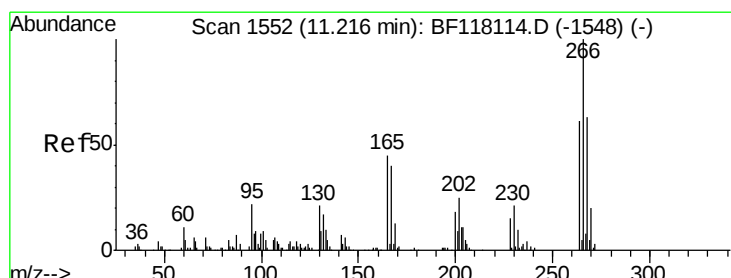
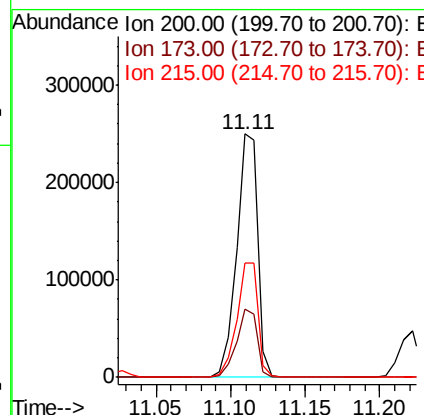
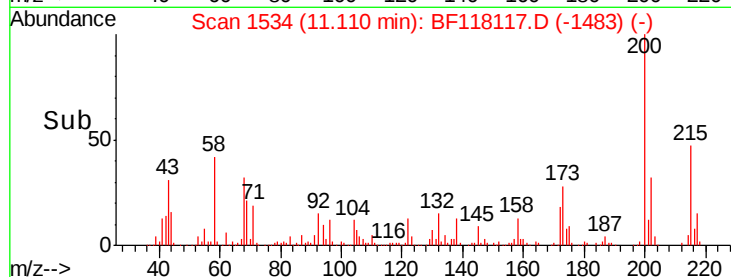
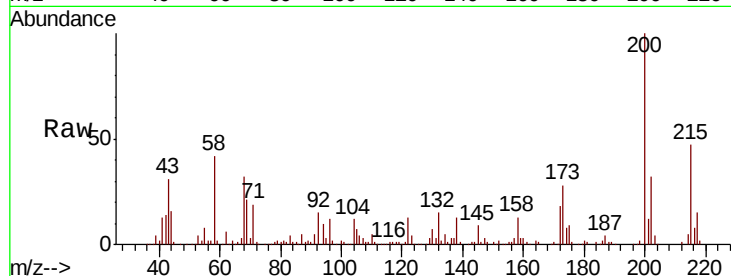
#69
Atrazine
Concen: 53.145 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
200	100	249039		
173	28.2	8.1	48.1	
215	46.7	29.0	69.0	

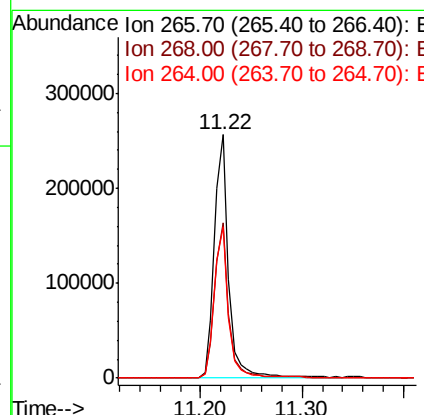
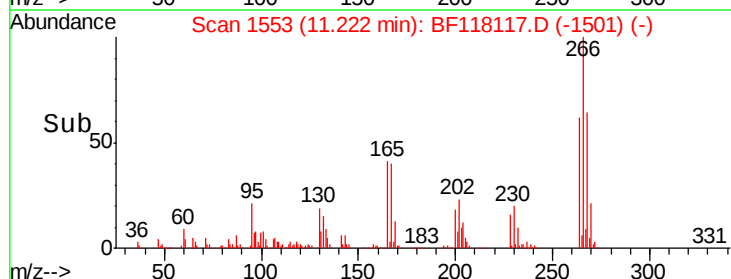
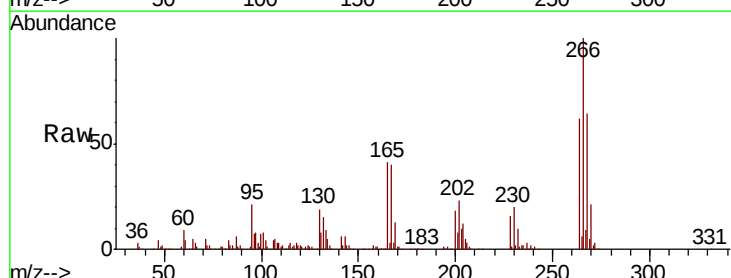
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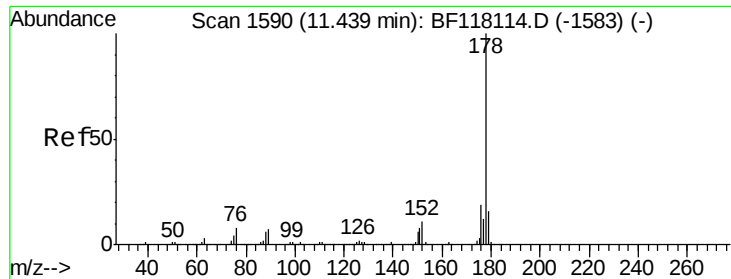
mohammad
12/9/2019 3:09:50 PM



#70
Pentachlorophenol
Concen: 70.499 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	253650		
268	63.7	50.7	76.1	
264	62.3	48.7	73.1	





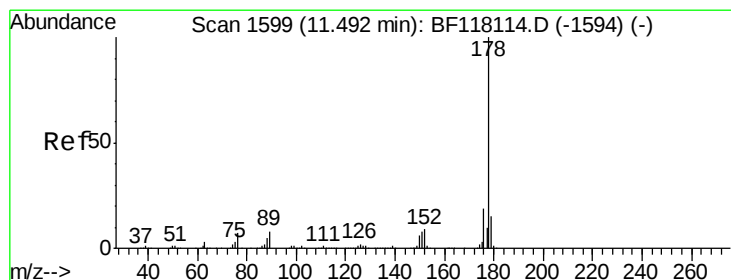
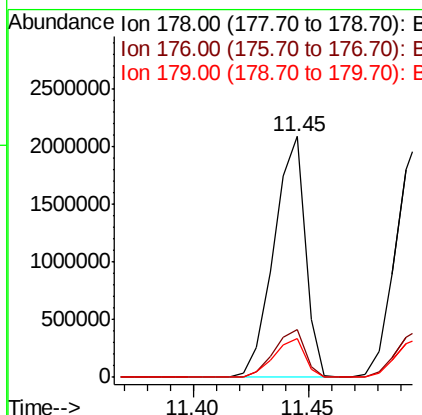
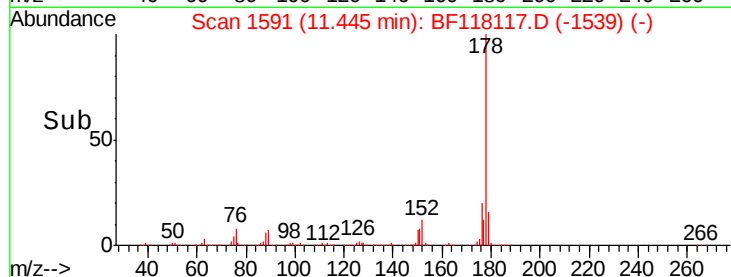
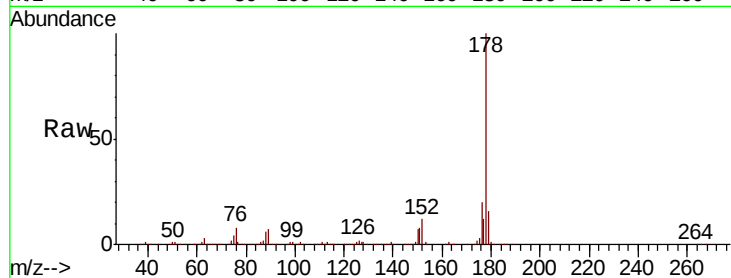
#71
 Phenanthrene
 Concen: 79.873 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.5	23.3
179	15.9	12.6	18.8

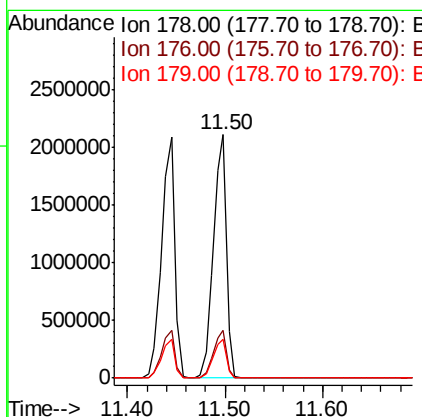
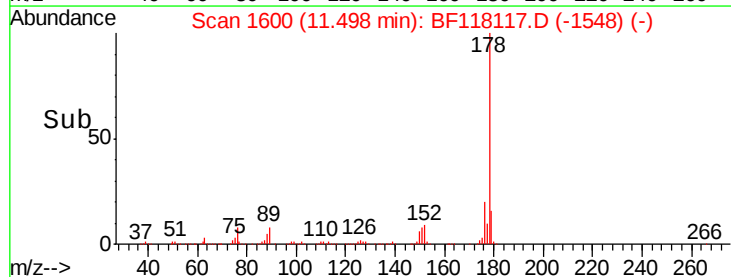
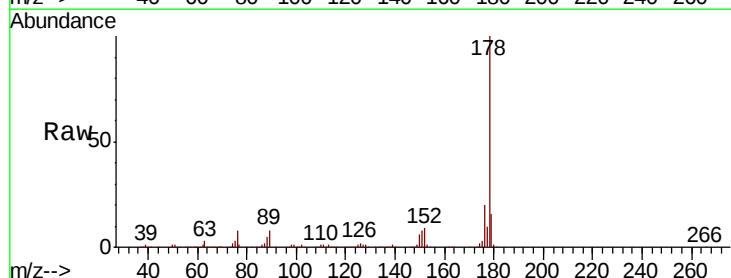
Manual Integrations
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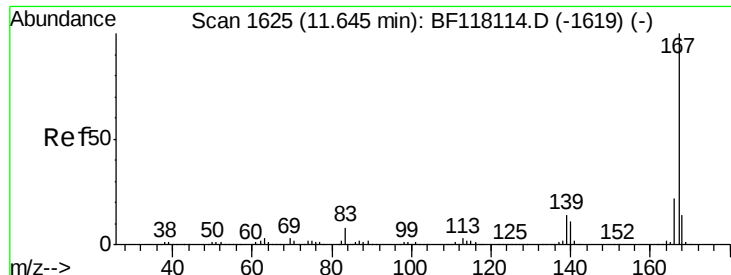
mohammad
 12/9/2019 3:09:50 PM



#72
 Anthracene
 Concen: 79.685 ng
 RT: 11.50 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.0	22.6
179	16.0	12.2	18.4





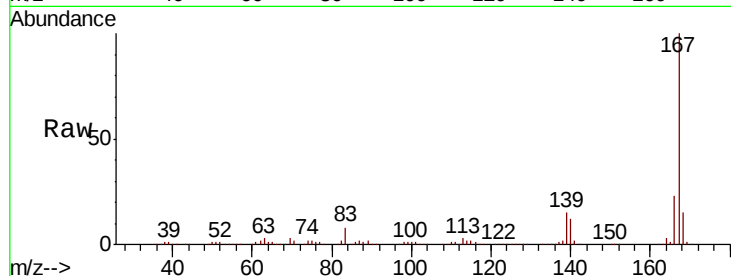
#73
 Carbazole
 Concen: 82.284 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.4	26.2
139	14.7	11.4	17.0

Manual Integrations
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 12/9/2019 3:09:50 PM

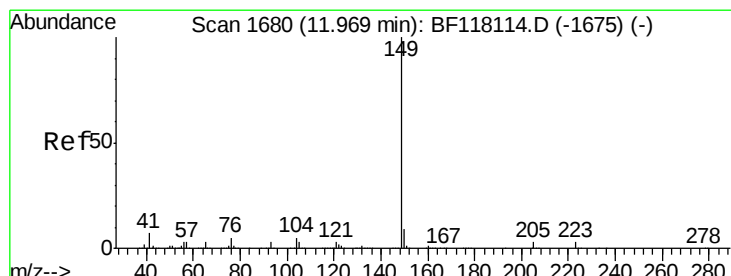
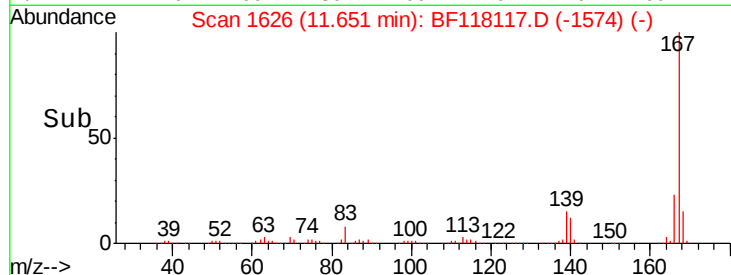
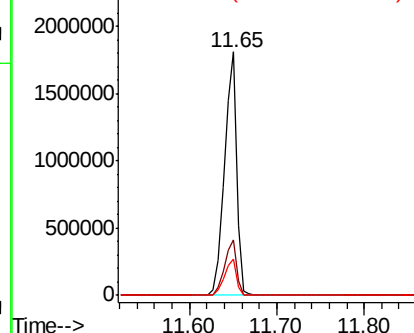


Abundance

Ion 167.00 (166.70 to 167.70): E

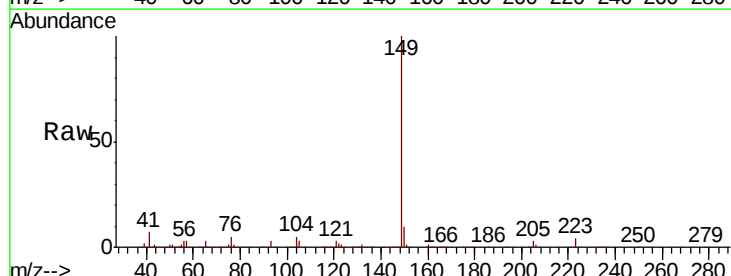
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 81.717 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	5.3	4.3	6.5

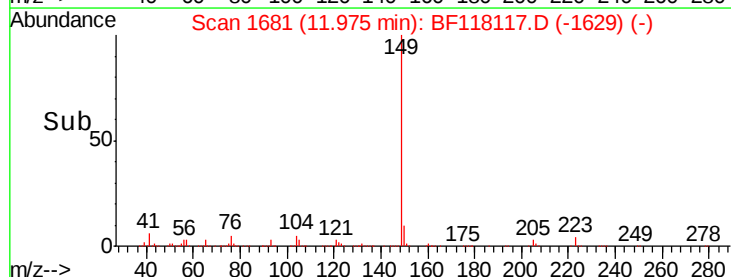
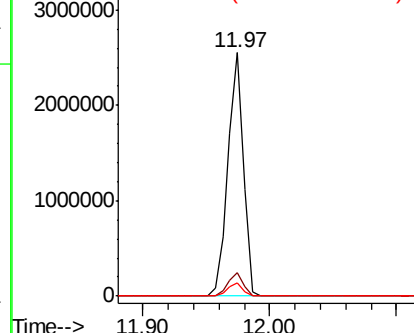


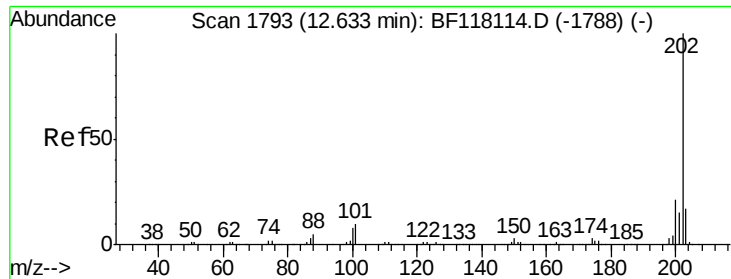
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 84.030 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

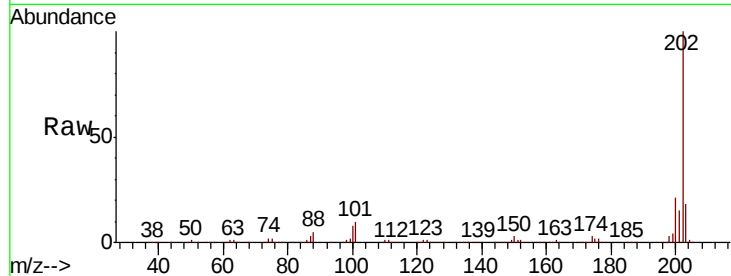
ClientSampleId :

SSTDIC080

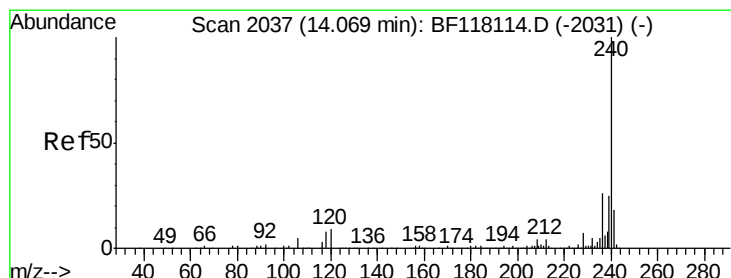
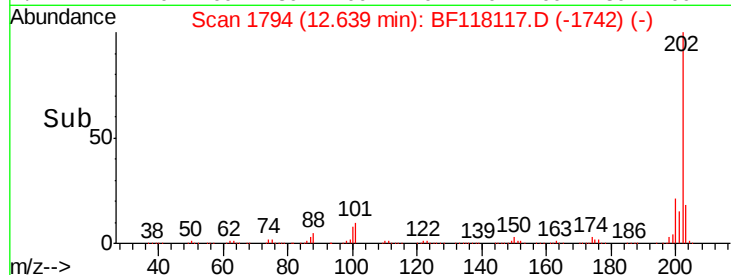
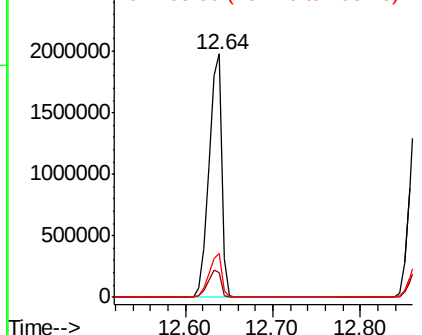
Tot Ion:	202	Resp:	2000500
Ion Ratio	Lower	Upper	
202	100		
101	10.1	0.0	30.4
203	17.8	0.0	37.2

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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

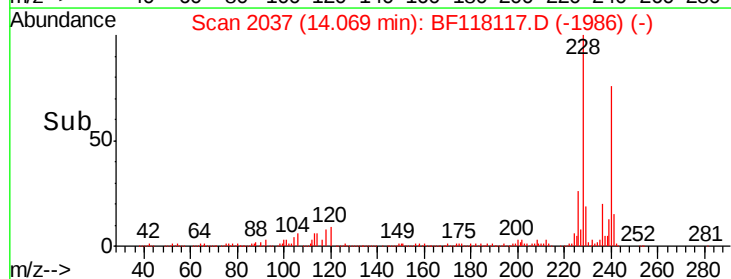
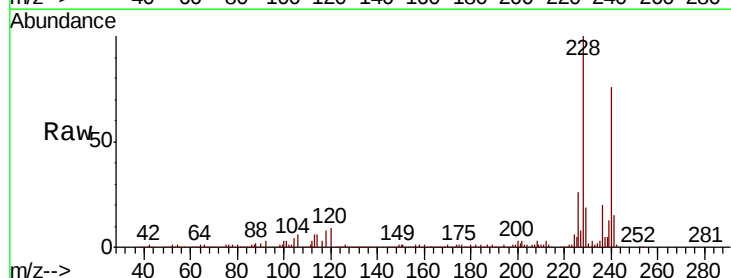
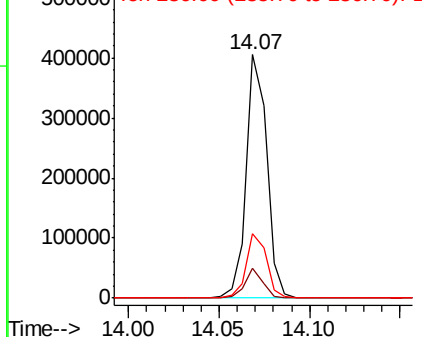
Delta R.T. 0.00 min

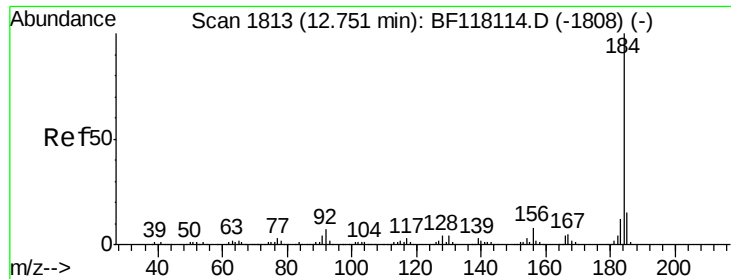
Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Tgt Ion:	240	Resp:	318187
Ion Ratio	Lower	Upper	
240	100		
120	12.3	7.1	10.7#
236	26.4	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





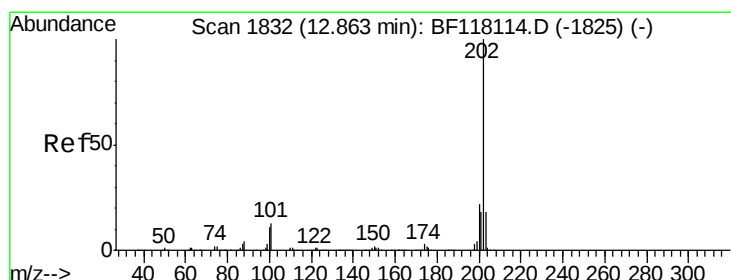
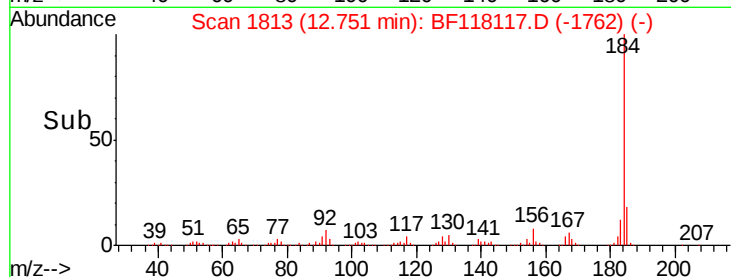
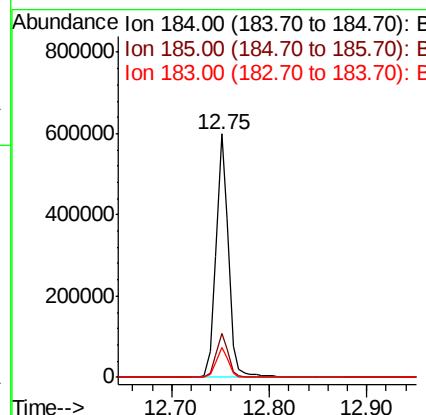
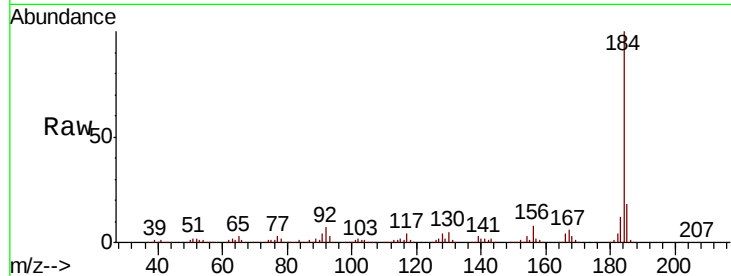
#77
Benzidine
Concen: 50.973 ng
RT: 12.75 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
184	100		
185	18.3	12.3	18.5
183	12.3	9.9	14.9

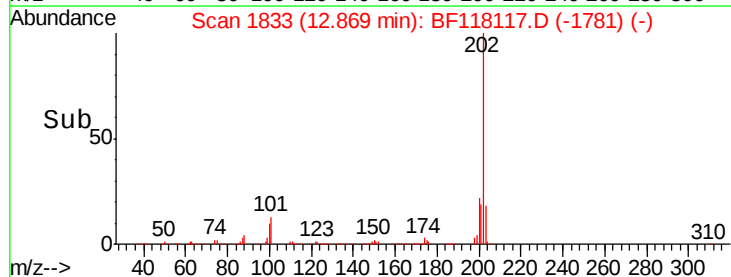
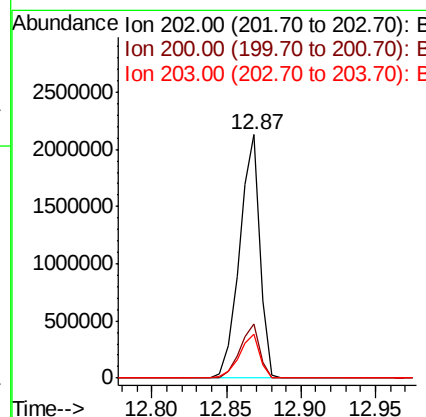
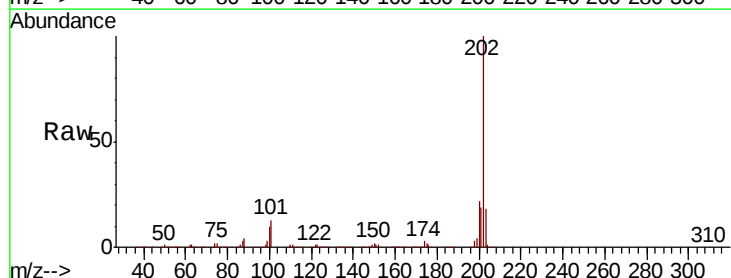
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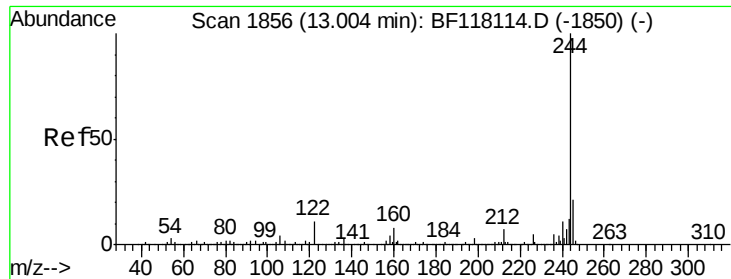
mohammad
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#78
Pyrene
Concen: 78.805 ng
RT: 12.87 min Scan# 1833
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.5	26.3
203	17.9	14.6	21.8





#79

Terphenyl-d14

Concen: 166.203 ng

RT: 13.01 min Scan# 1857

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:244 Resp: 2893602

Ion Ratio Lower Upper

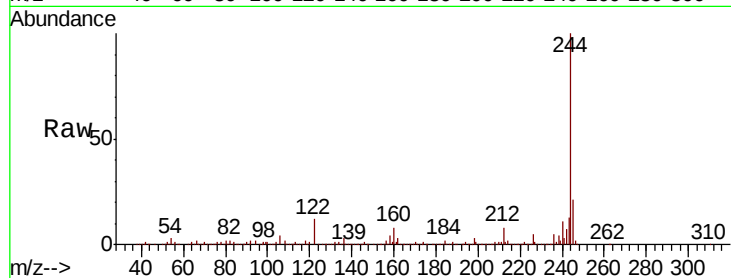
244 100

212 7.8 5.9 8.9

122 11.6 9.0 13.6

Manual Integrations
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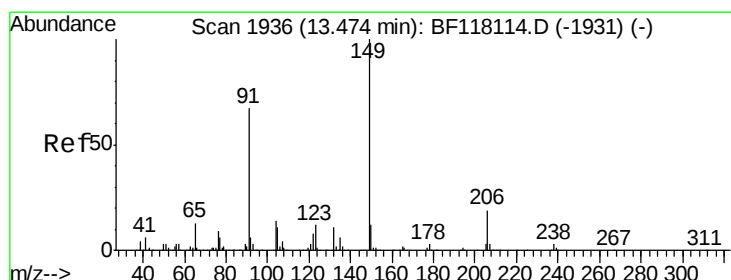
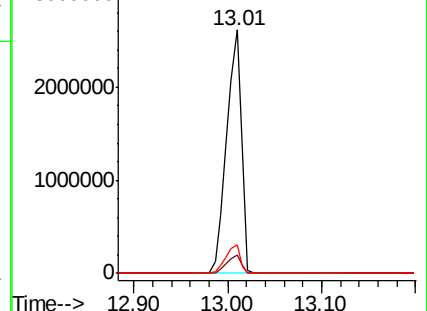
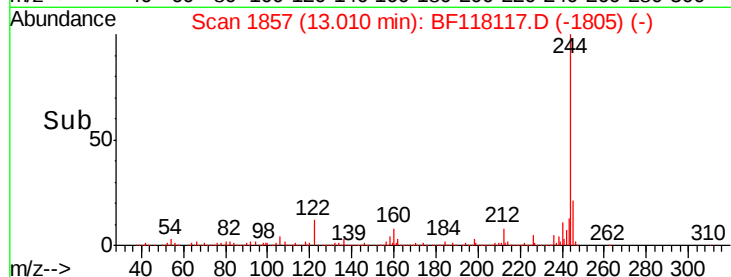
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 83.680 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

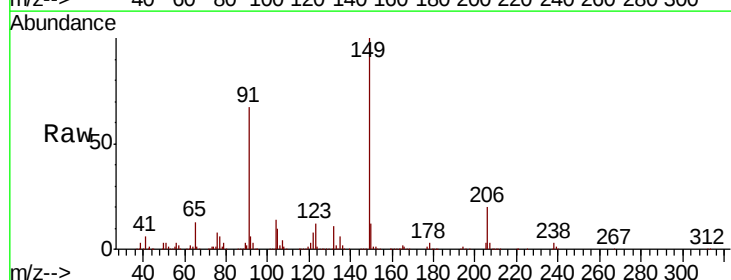
Tgt Ion:149 Resp: 924189

Ion Ratio Lower Upper

149 100

91 66.7 53.9 80.9

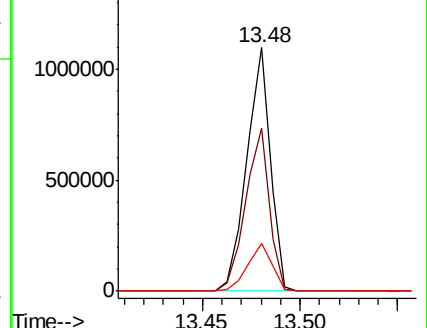
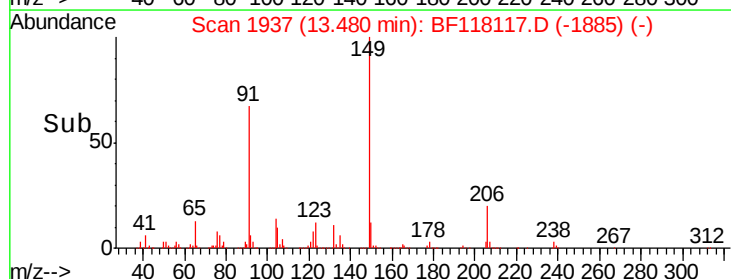
206 19.6 15.2 22.8

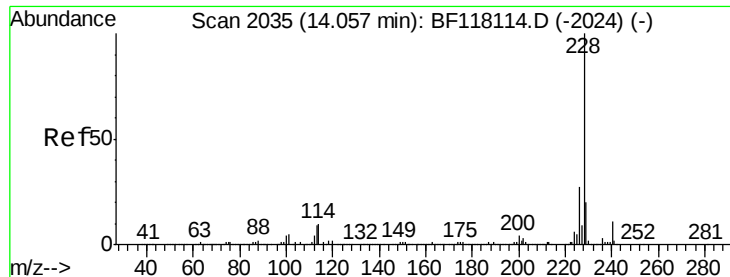


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





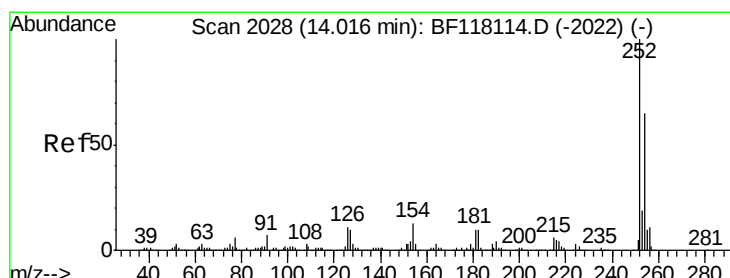
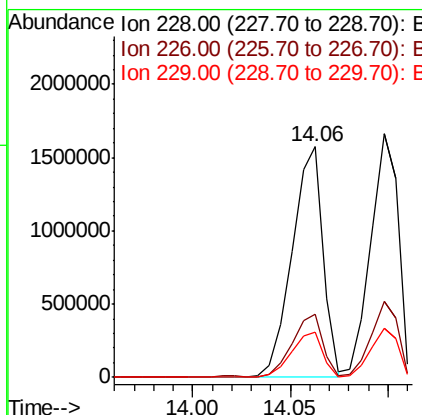
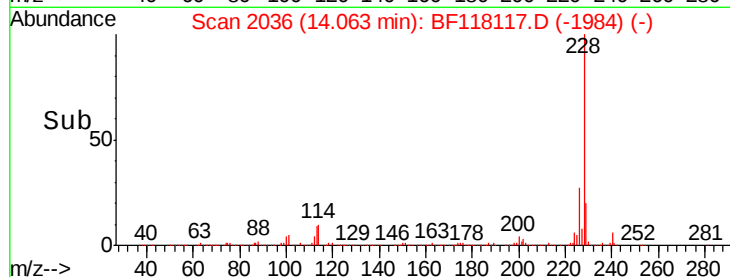
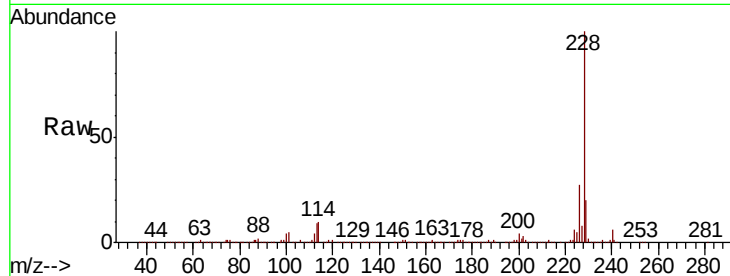
#81
Benzo(a)anthracene
Concen: 81.933 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:228 Resp: 1722752
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.8 15.8 23.8

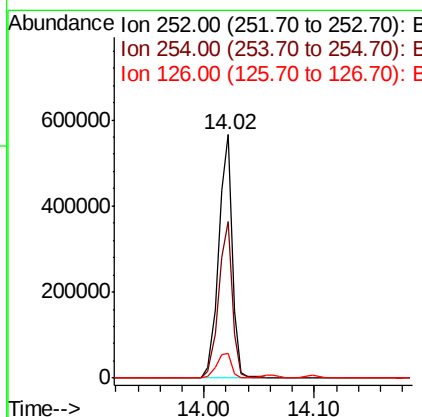
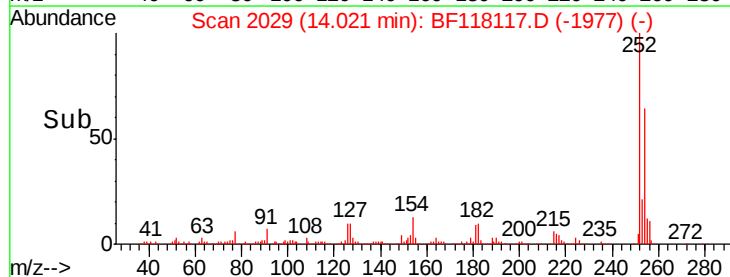
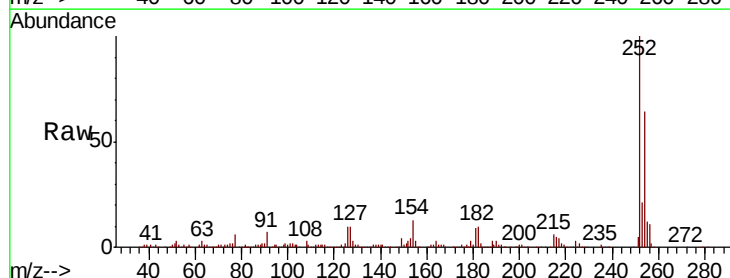
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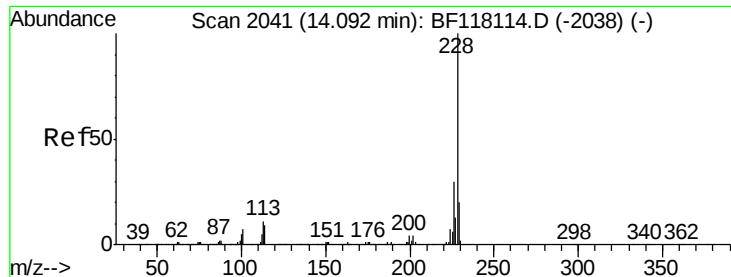
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 66.114 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion:252 Resp: 486262
Ion Ratio Lower Upper
252 100
254 64.3 52.2 78.4
126 10.2 8.6 13.0





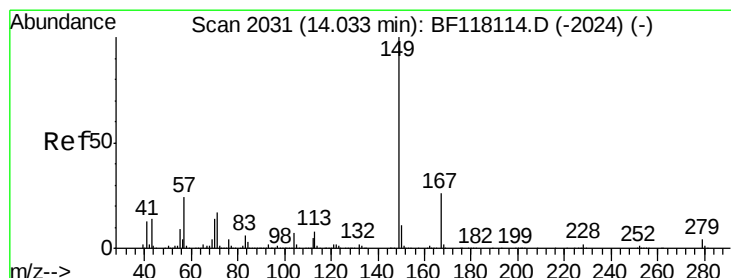
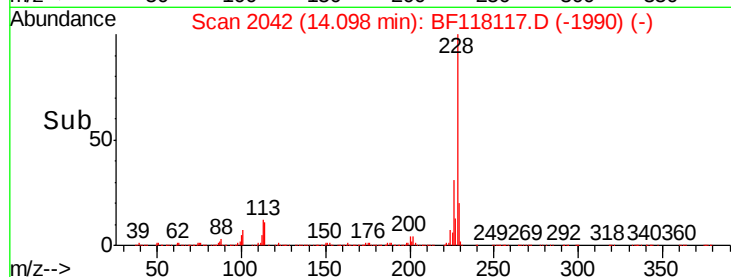
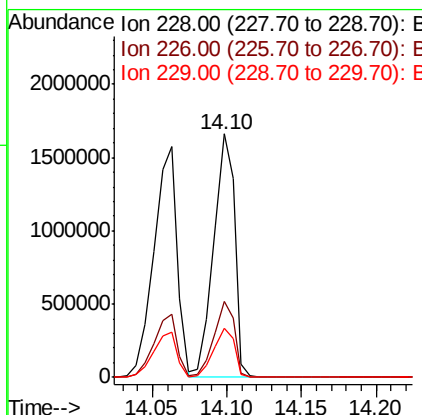
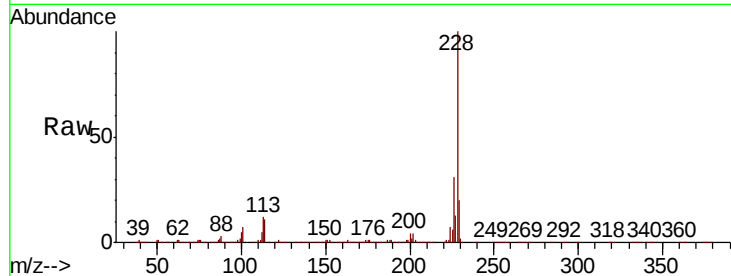
#83
 Chrvsene
 Concen: 79.947 ng
 RT: 14.10 min Scan# 2042
 Delta R.T. 0.01 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.8	35.8
229	20.3	15.7	23.5

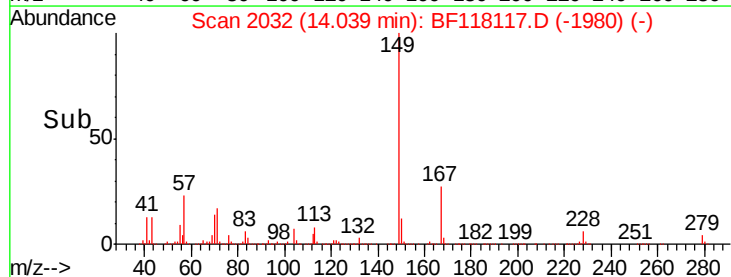
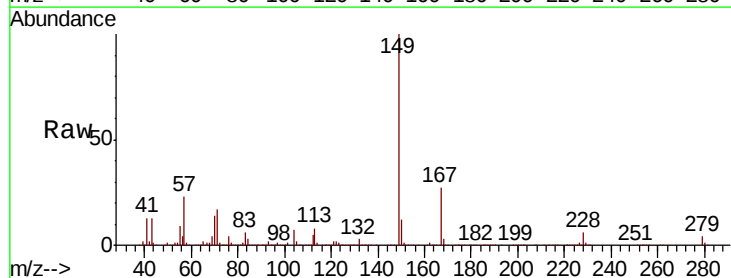
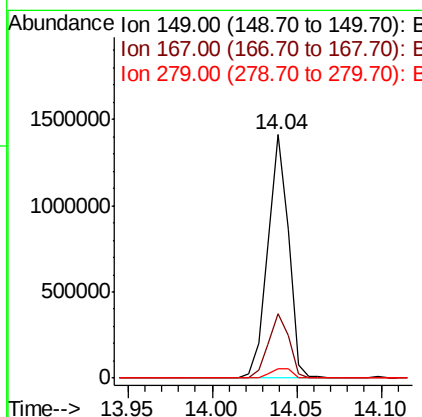
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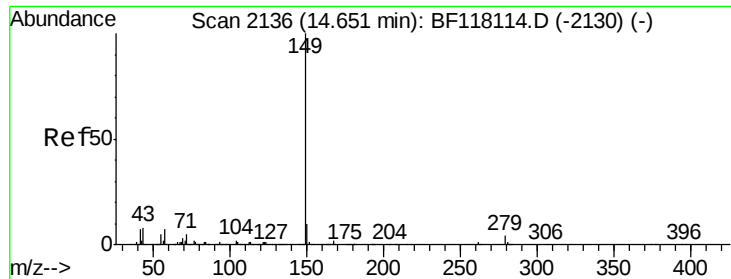
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 88.817 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. 0.01 min
 Lab File: BF118117.D
 Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.6	20.8	31.2
279	4.1	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 88.814 ng

RT: 14.66 min Scan# 2138

Delta R.T. 0.01 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1747033

Ion Ratio Lower Upper

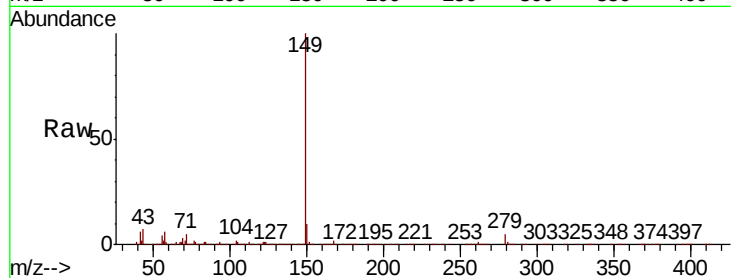
149 100

167 1.5 1.3 1.9

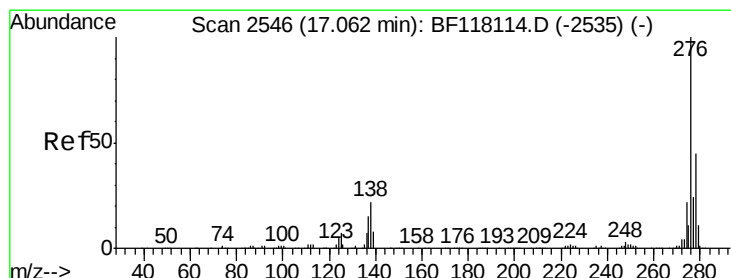
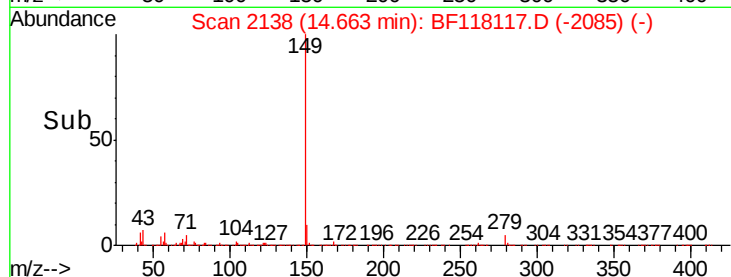
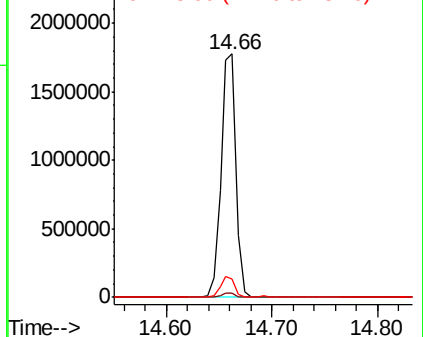
43 8.3 6.5 9.7

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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: 82.430 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.02 min

Lab File: BF118117.D

Acq: 6 Dec 2019 16:22

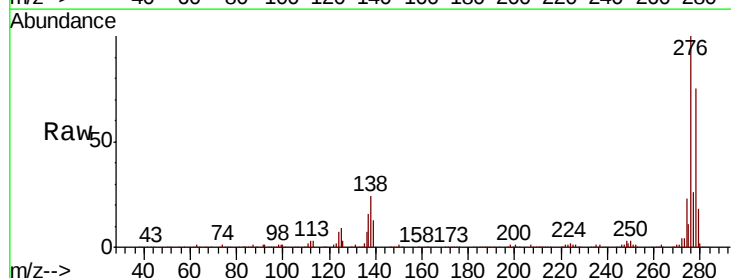
Tgt Ion:276 Resp: 1429387

Ion Ratio Lower Upper

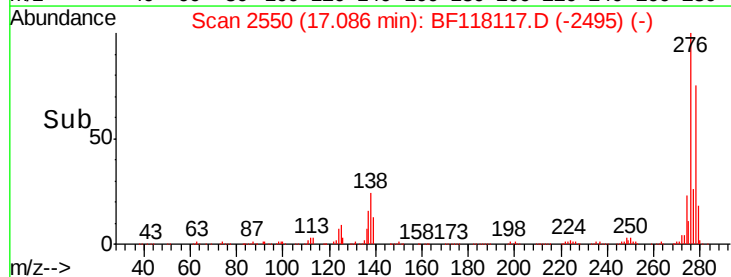
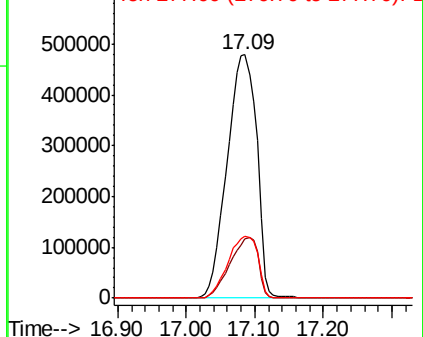
276 100

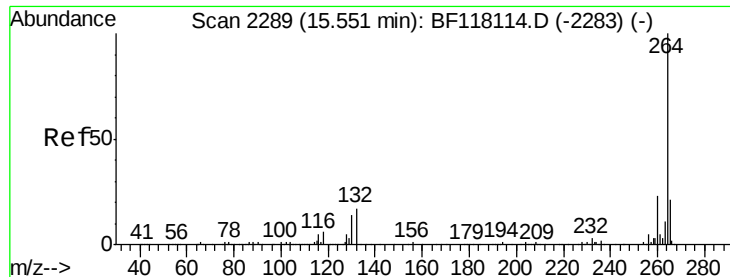
138 24.0 18.9 28.3

277 25.9 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





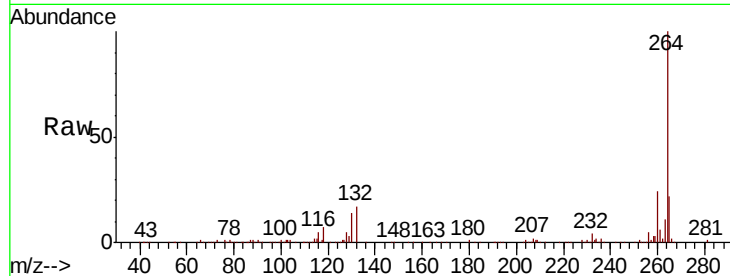
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

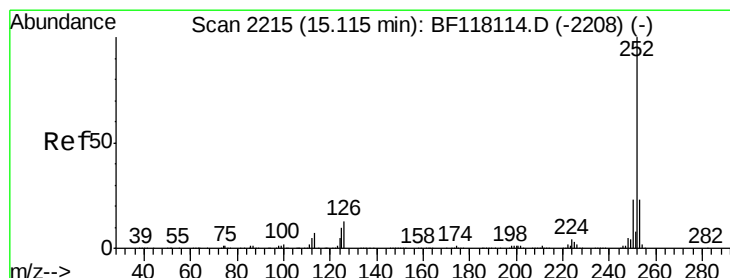
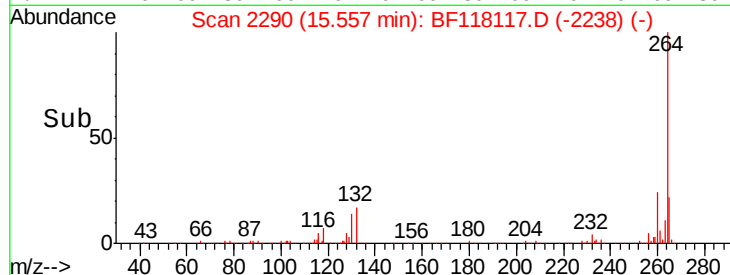
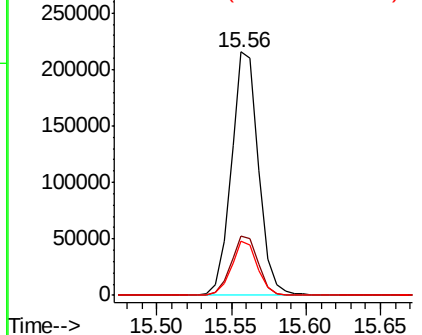
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.5	16.8	25.2

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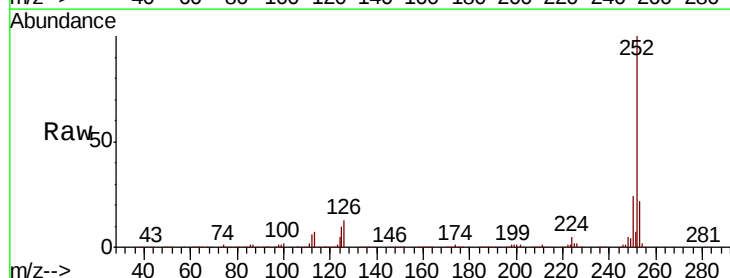


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

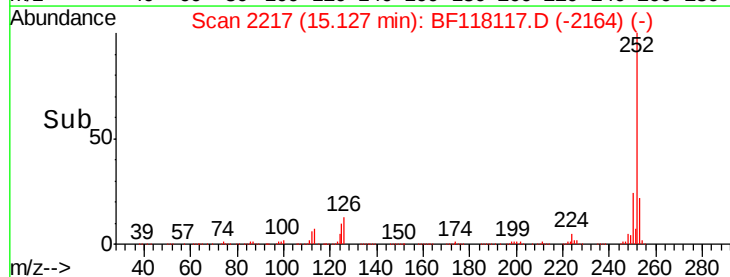
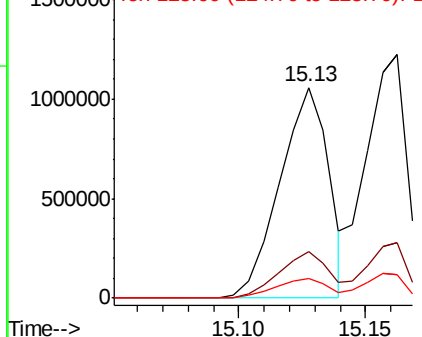


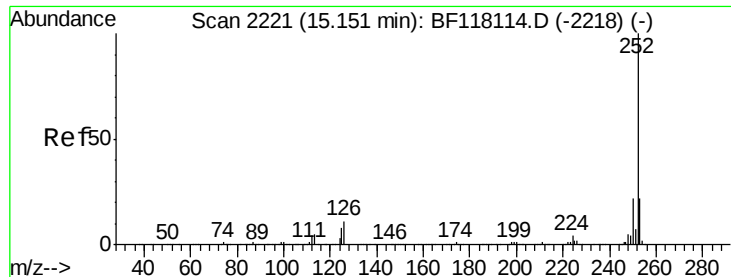
#88
Benzo(b)fluoranthene
Concen: 80.082 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	9.5	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





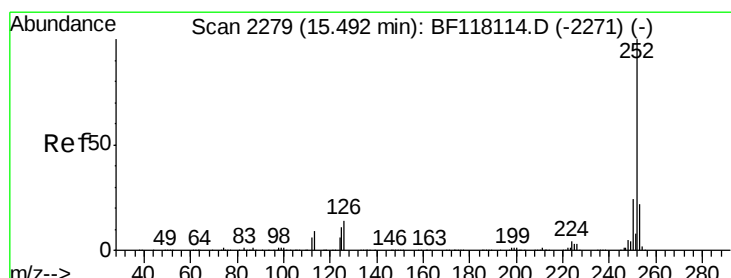
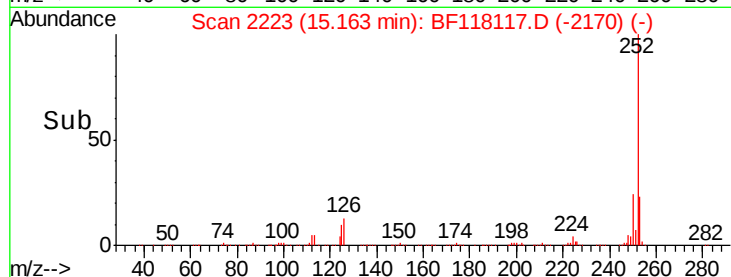
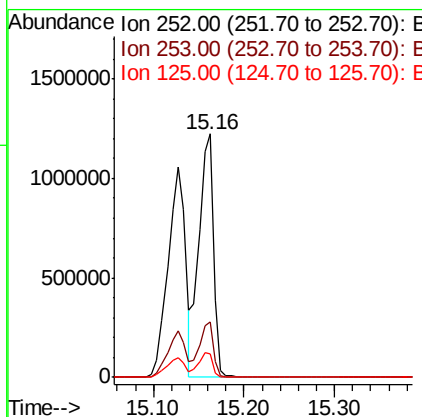
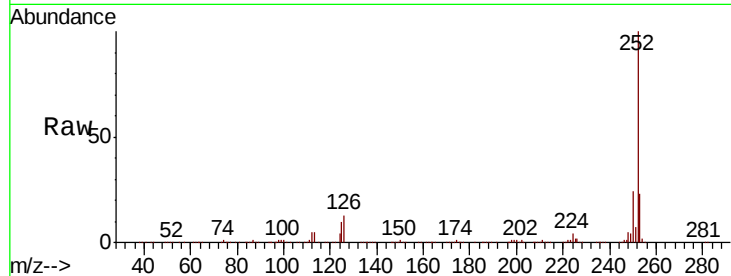
#89
Benzo(k)fluoranthene
Concen: 82.906 ng
RT: 15.16 min Scan# 2223
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.5	6.7	10.1

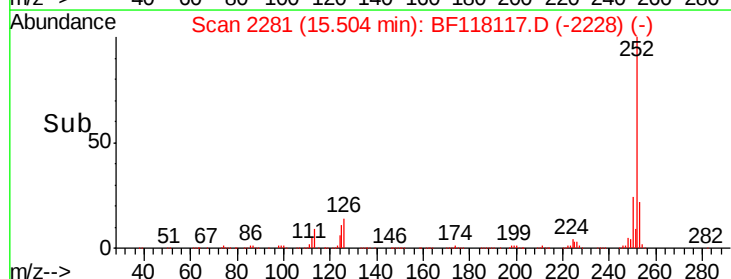
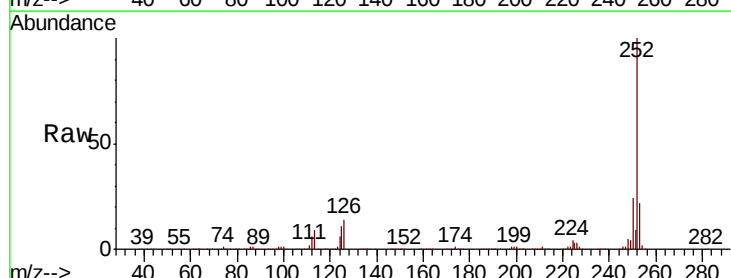
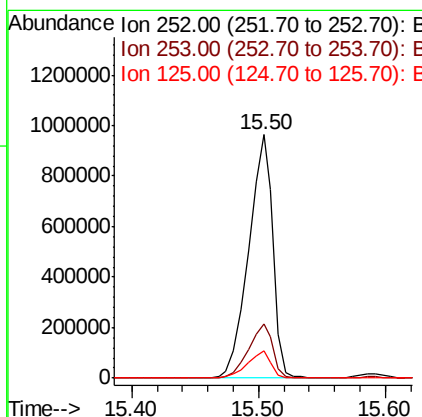
Manual Integrations
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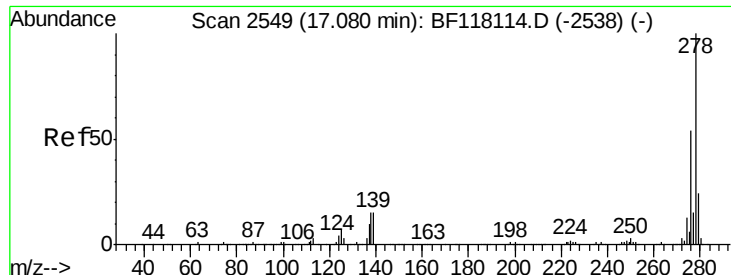
mohammad
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#90
Benzo(a)pyrene
Concen: 81.972 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.01 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	11.3	9.1	13.7





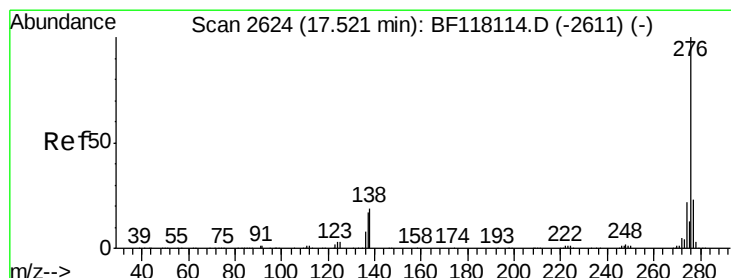
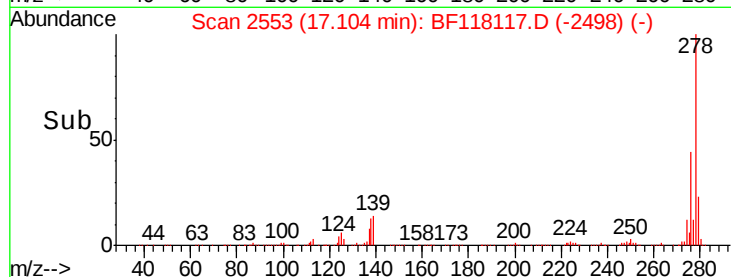
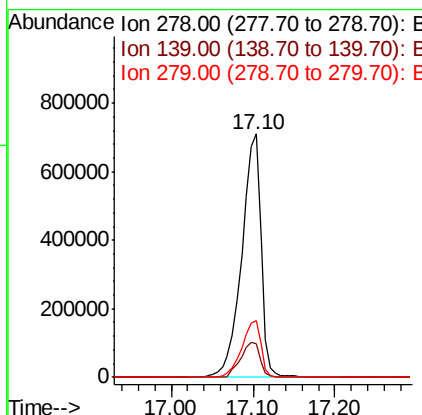
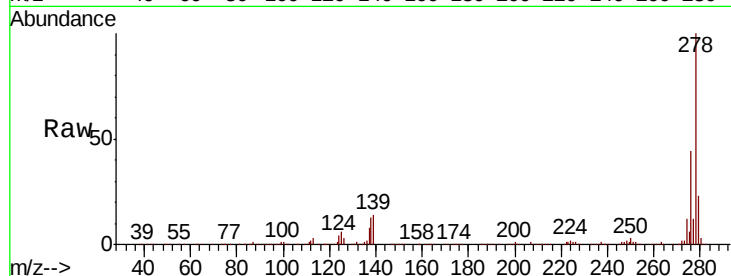
#91
Dibenzo(a,h)anthracene
Concen: 86.785 ng
RT: 17.10 min Scan# 2553
Delta R.T. 0.02 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.7	17.5
279	23.4	19.0	28.4

Manual Integrations
APPROVED

mohammad
12/9/2019 3:09:50 PM



#92
Benzo(g,h,i)perylene
Concen: 86.347 ng
RT: 17.54 min Scan# 2628
Delta R.T. 0.02 min
Lab File: BF118117.D
Acq: 6 Dec 2019 16:22

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.2	27.4
138	20.1	15.5	23.3

