

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121819\
 Data File : BF118254.D
 Acq On : 18 Dec 2019 12:36
 Operator : JU
 Sample : PB125538BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125538BS

Manual Integrations
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mohammad
 12/19/2019 11:16:40 AM

Quant Time: Dec 18 17:57:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120379	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	499485	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	270060	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	497990	20.00	ng	0.00
76) Chrysene-d12	14.06	240	340399	20.00	ng	0.00
87) Perylene-d12	15.56	264	239657	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	798978	116.25	ng	0.01
7) Phenol-d6	6.50	99	969777	116.66	ng	0.00
23) Nitrobenzene-d5	7.43	82	652629	73.51	ng	-0.01
42) 2,4,6-Tribromophenol	10.71	330	350555	106.85	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1348803	76.00	ng	-0.01
79) Terphenyl-d14	13.00	244	1577346	79.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	111070	38.326	ng	99
3) Pyridine	3.48	79	266580	35.654	ng	97
4) n-Nitrosodimethylamine	3.43	42	137978	42.897	ng	90
6) Aniline	6.53	93	349313	32.849	ng	98
8) 2-Chlorophenol	6.65	128	356210	45.963	ng	97
9) Benzaldehyde	6.41	77	214356	55.515	ng	95
10) Phenol	6.52	94	419835	44.284	ng	89
11) bis(2-Chloroethyl)ether	6.60	93	305593	44.568	ng	95
12) 1,3-Dichlorobenzene	6.80	146	382245	42.222	ng	98
13) 1,4-Dichlorobenzene	6.88	146	386578	42.405	ng	100
14) 1,2-Dichlorobenzene	7.03	146	370443	43.270	ng	97
15) Benzyl Alcohol	7.01	79	298243	45.959	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	345462	41.903	ng	88
17) 2-Methylphenol	7.12	107	281348	45.644	ng	99
18) Hexachloroethane	7.37	117	142081	42.297	ng	95
19) n-Nitroso-di-n-propylamine	7.27	70	226961	44.929	ng	95
20) 3+4-Methylphenols	7.27	107	354701	45.813	ng	95
22) Acetophenone	7.27	105	473524	39.460	ng	# 98
24) Nitrobenzene	7.45	77	350779	40.213	ng	96
25) Isophorone	7.69	82	626241	41.608	ng	97
26) 2-Nitrophenol	7.77	139	199446	42.778	ng	99
27) 2,4-Dimethylphenol	7.80	122	305577	49.136	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	393044	39.965	ng	98
29) 2,4-Dichlorophenol	8.01	162	301337	41.563	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	335273	39.570	ng	99
31) Naphthalene	8.17	128	1049055	41.820	ng	100
32) Benzoic acid	7.95	122	204830	36.478	ng	95
33) 4-Chloroaniline	8.22	127	230012	21.235	ng	96
34) Hexachlorobutadiene	8.29	225	194890	38.359	ng	99
35) Caprolactam	8.60	113	92033m	41.163	ng	
36) 4-Chloro-3-methylphenol	8.72	107	320045	41.948	ng	97
37) 2-Methylnaphthalene	8.87	142	716529	42.191	ng	99
38) 1-Methylnaphthalene	8.97	142	671795	42.129	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	314833	38.483	ng	99

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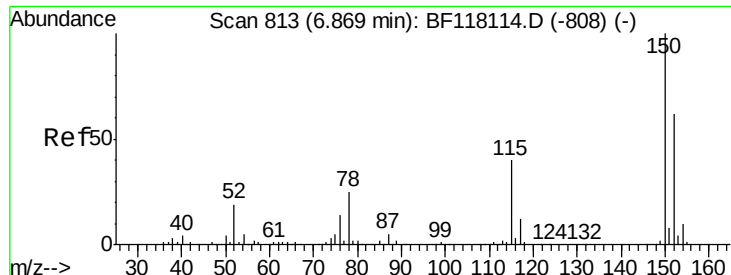
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	290538	79.262	ng	98
43) 2,4,6-Trichlorophenol	9.15	196	217083	39.742	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	232295	41.047	ng	97
46) 1,1'-Biphenyl	9.33	154	853588	40.076	ng	98
47) 2-Chloronaphthalene	9.36	162	664554	38.787	ng	97
48) 2-Nitroaniline	9.46	65	181672	37.182	ng	98
49) Acenaphthylene	9.77	152	1046058	41.394	ng	100
50) Dimethylphthalate	9.63	163	782598	39.232	ng	98
51) 2,6-Dinitrotoluene	9.70	165	176149	40.610	ng	97
52) Acenaphthene	9.95	154	611359	39.636	ng	99
53) 3-Nitroaniline	9.87	138	114835	22.496	ng	97
54) 2,4-Dinitrophenol	9.99	184	163981	75.988	ng	97
55) Dibenzofuran	10.12	168	924786	40.918	ng	99
56) 4-Nitrophenol	10.05	139	265058	74.821	ng	98
57) 2,4-Dinitrotoluene	10.11	165	231803	40.039	ng	97
58) Fluorene	10.47	166	736308	40.995	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	189397	40.565	ng	99
60) Diethylphthalate	10.33	149	789428	40.167	ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	367165	40.629	ng	98
62) 4-Nitroaniline	10.49	138	176272	33.110	ng	99
63) Azobenzene	10.62	77	686064	40.891	ng	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	119879	43.590	ng	96
66) n-Nitrosodiphenylamine	10.57	169	647484	41.635	ng	100
67) 4-Bromophenyl-phenylether	10.95	248	228659	40.224	ng	# 89
68) Hexachlorobenzene	11.02	284	264195	39.485	ng	92
69) Atrazine	11.11	200	219075	59.617	ng	98
70) Pentachlorophenol	11.22	266	254688	80.941	ng	99
71) Phenanthrene	11.43	178	1070063	40.422	ng	100
72) Anthracene	11.49	178	1111618	42.093	ng	99
73) Carbazole	11.65	167	948548	40.033	ng	99
74) Di-n-butylphthalate	11.96	149	1255360	42.334	ng	99
75) Fluoranthene	12.63	202	1094356	40.433	ng	97
77) Benzidine	12.75	184	349512	39.003	ng	98
78) Pyrene	12.86	202	1112080	41.457	ng	98
80) Butylbenzylphthalate	13.47	149	503773	41.468	ng	97
81) Benzo(a)anthracene	14.06	228	926572	39.366	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	256471	33.178	ng	99
83) Chrysene	14.09	228	869098	38.655	ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	700171	43.708	ng	# 97
85) Di-n-octyl phthalate	14.64	149	1063844	43.840	ng	100
86) Indeno(1,2,3-cd)pyrene	17.08	276	660381	34.908	ng	99
88) Benzo(b)fluoranthene	15.12	252	740579	46.724	ng	97
89) Benzo(k)fluoranthene	15.15	252	703122	46.177	ng	98
90) Benzo(a)pyrene	15.49	252	618836	44.207	ng	99
91) Dibenzo(a,h)anthracene	17.09	278	569929	47.467	ng	99
92) Benzo(g,h,i)perylene	17.53	276	553510	47.974	ng	97

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



#1

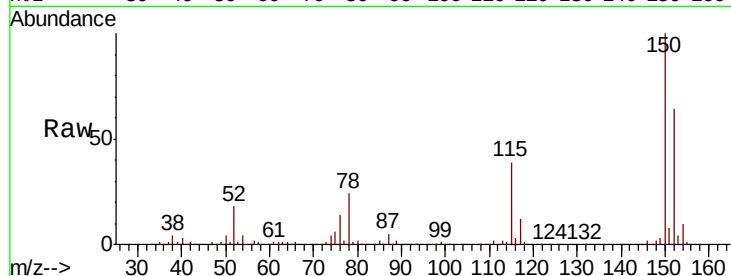
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	128.3	192.5
115	60.9	51.1	76.7

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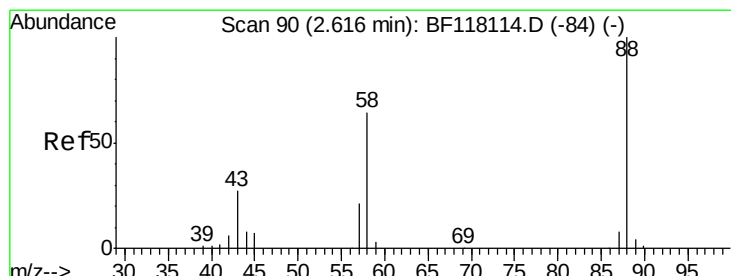
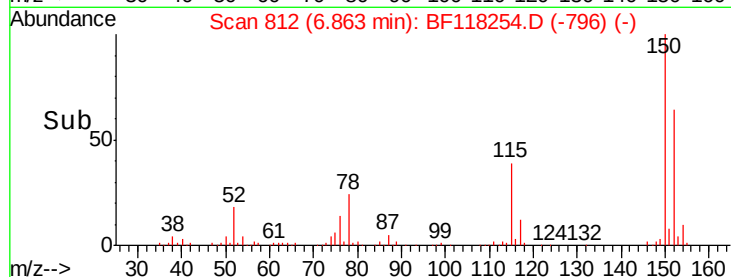
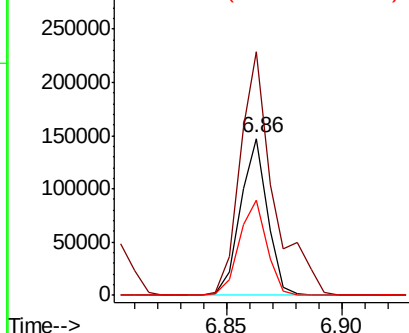


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

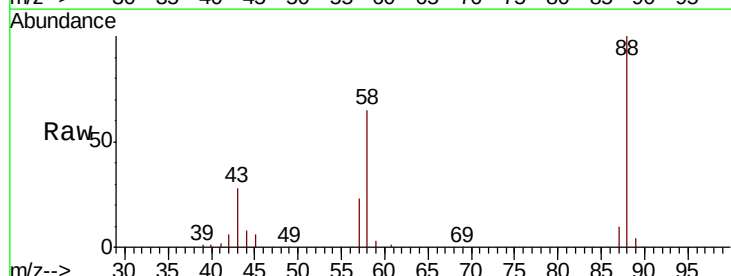
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.326 ng
RT: 2.73 min Scan# 109
Delta R.T. 0.11 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.2	52.2	78.4
43	27.6	21.4	32.2

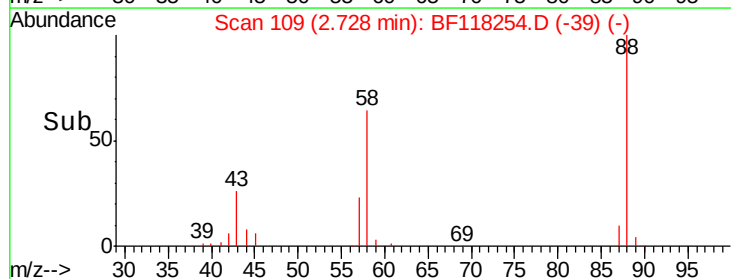
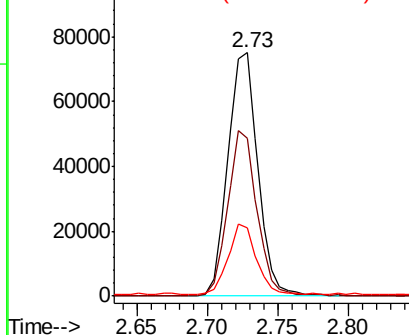


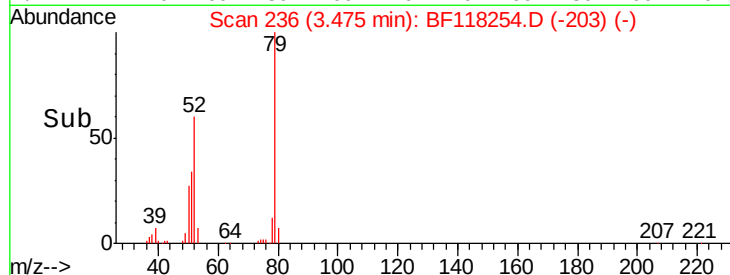
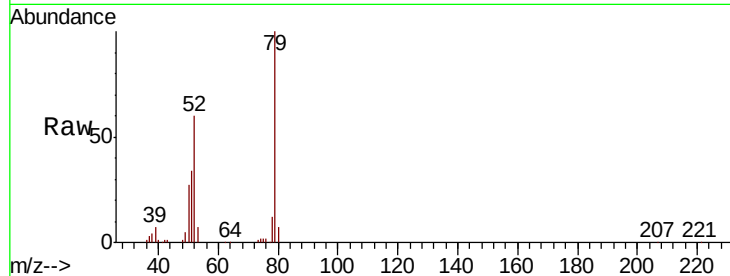
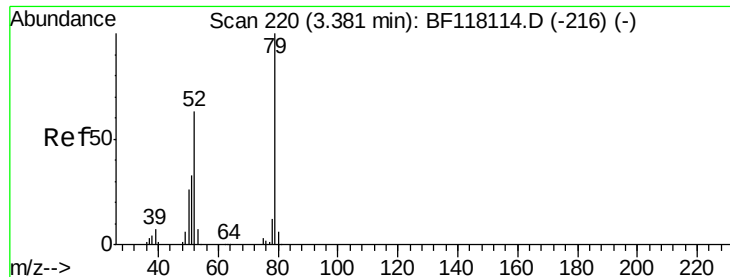
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





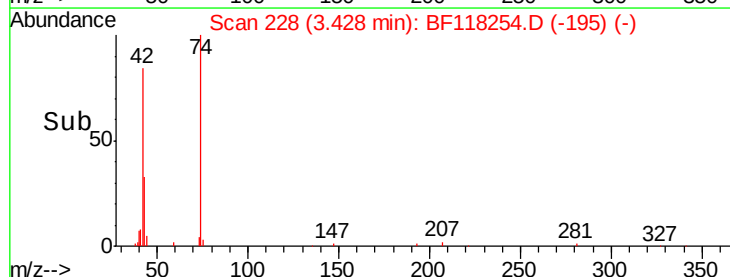
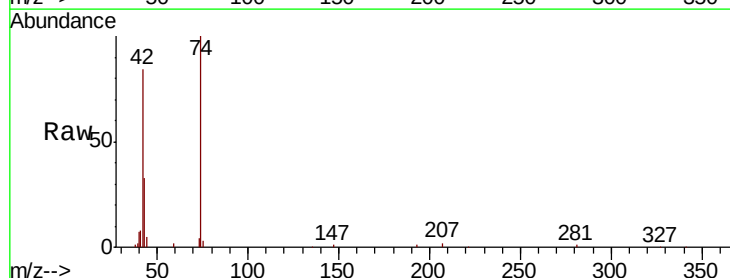
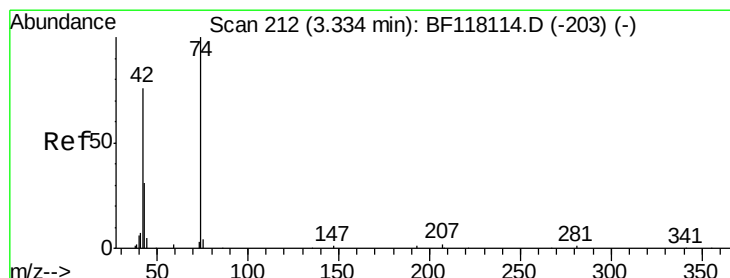
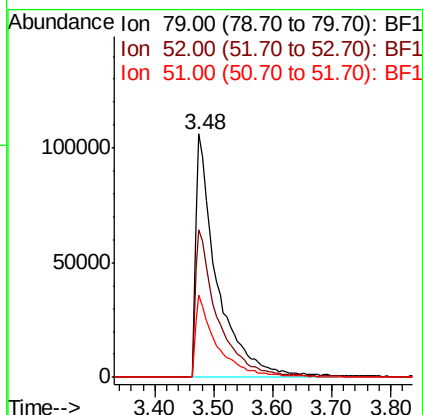
#3
Pvridine
Concen: 35.654 ng
RT: 3.48 min Scan# 236
Delta R.T. 0.09 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.4	50.7	76.1
51	33.9	26.4	39.6

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BNA_F
ClientSampleId :
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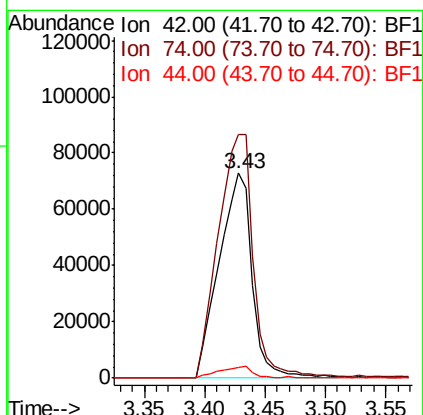
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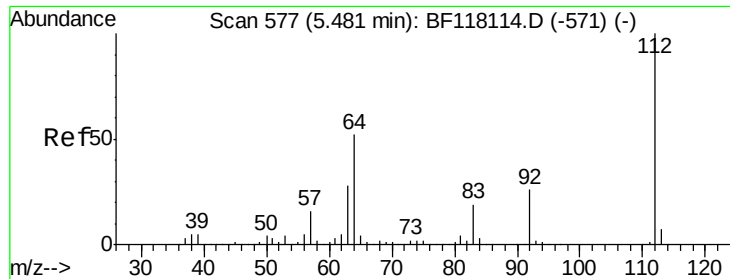
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#4
n-Nitrosodimethylamine
Concen: 42.897 ng
RT: 3.43 min Scan# 228
Delta R.T. 0.09 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	118.7	104.6	157.0
44	5.4	5.1	7.7





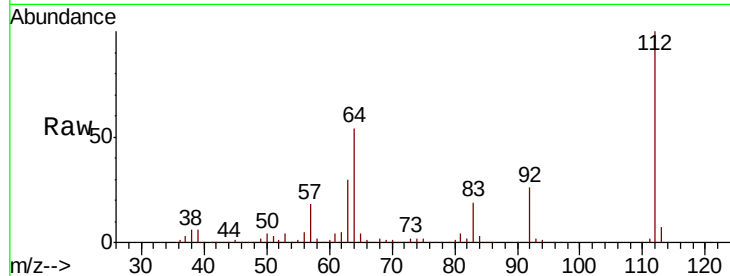
#5
2-Fluorophenol
Concen: 116.248 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

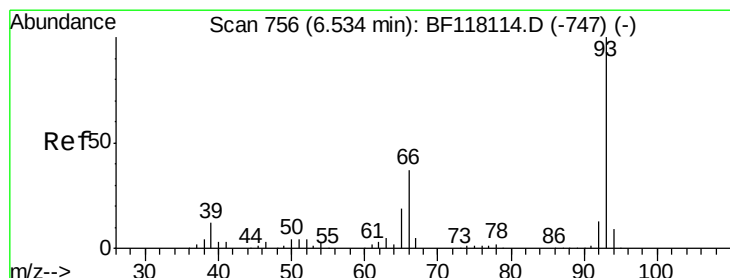
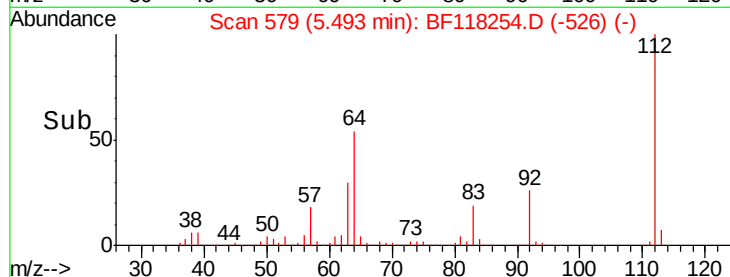
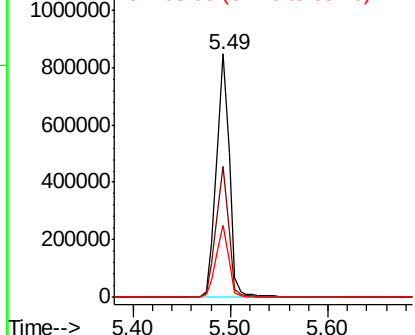
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		798978		
64	53.7	41.3	61.9		
63	29.8	22.4	33.6		

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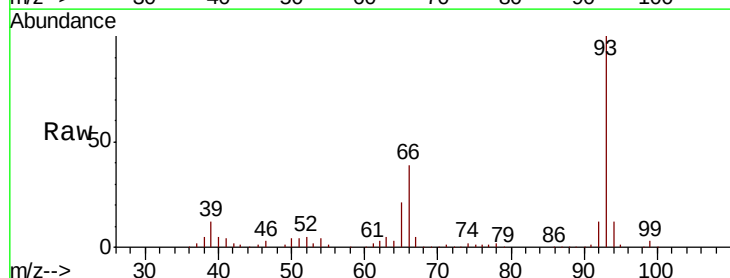


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

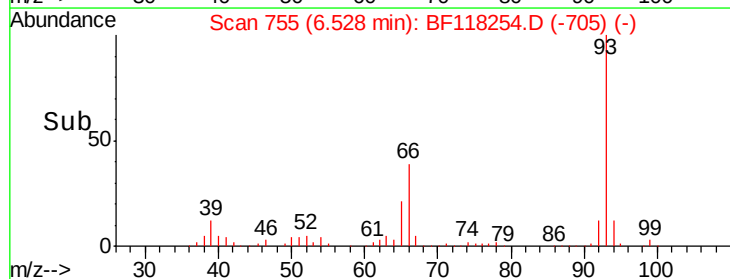
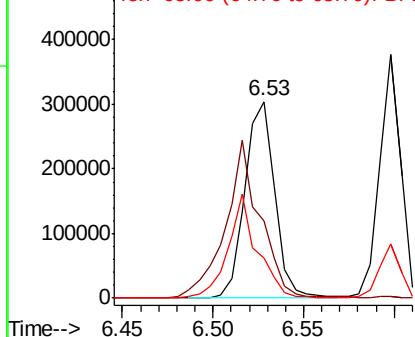


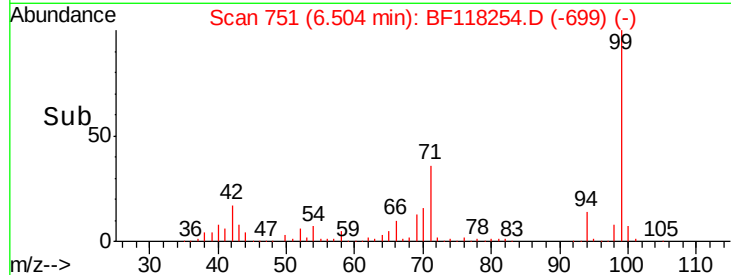
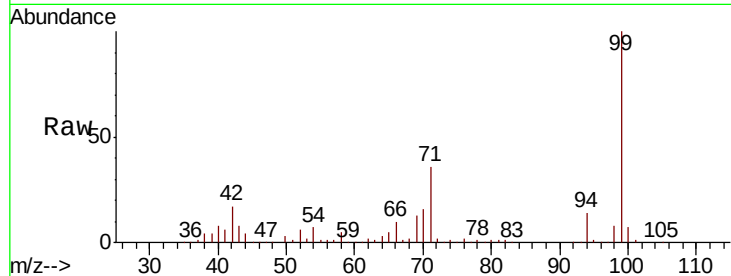
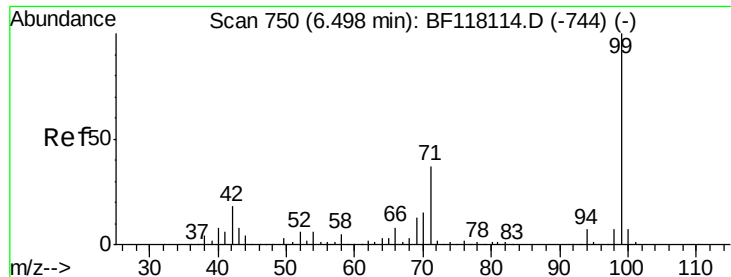
#6
Aniline
Concen: 32.849 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		349313		
66	39.2	30.2	45.2		
65	20.6	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: 116.656 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Tot Ion:	99	Resp:	969777
Ion Ratio	Lower	Upper	
99	100		
42	17.2	14.1	21.1
71	36.2	29.7	44.5

Instrument :

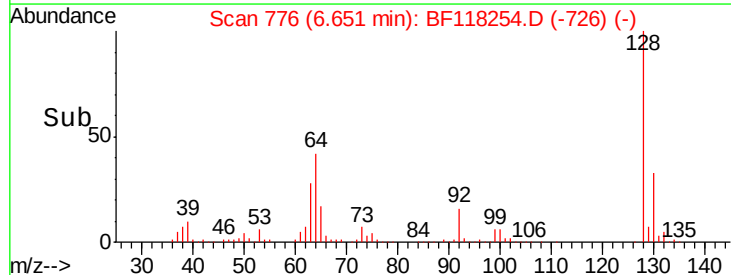
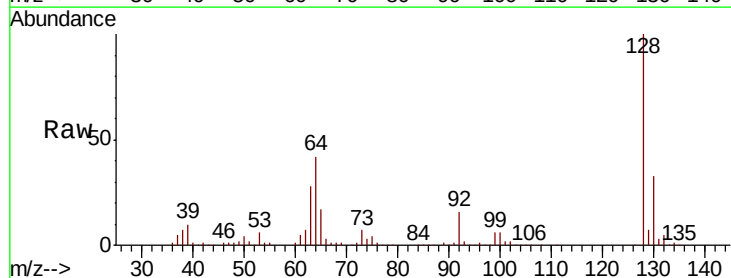
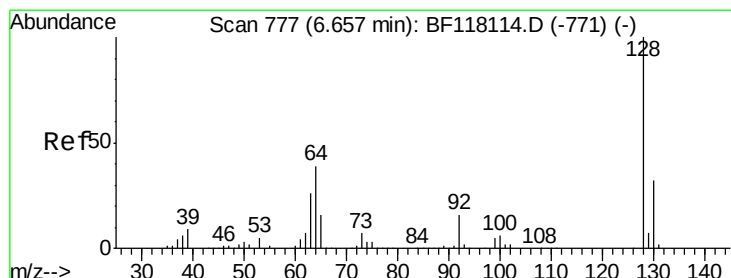
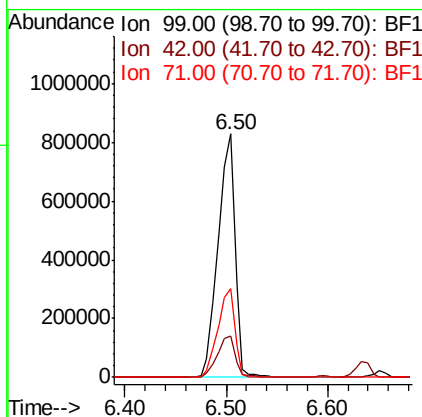
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#8

2-Chlorophenol

Concen: 45.963 ng

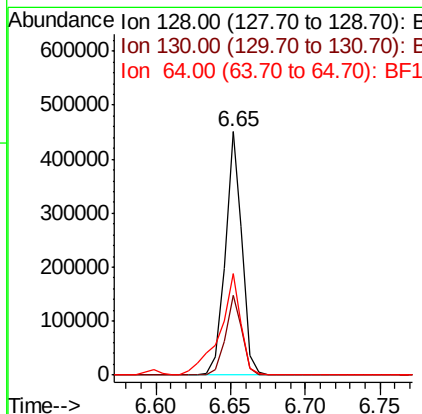
RT: 6.65 min Scan# 776

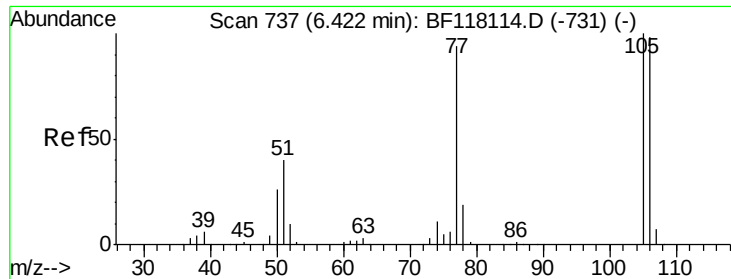
Delta R.T. -0.01 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Tgt Ion:	128	Resp:	356210
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.1	52.1
64	41.6	19.3	59.3





#9

Benzaldehyde

Concen: 55.515 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Instrument :

BNA_F

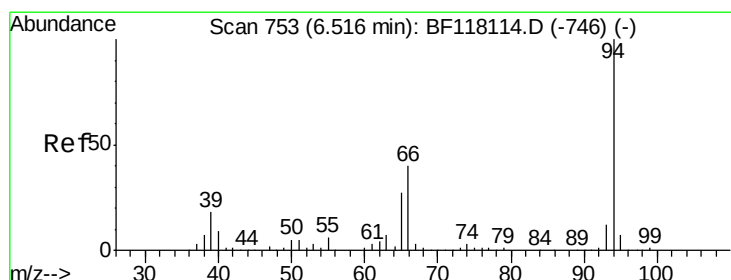
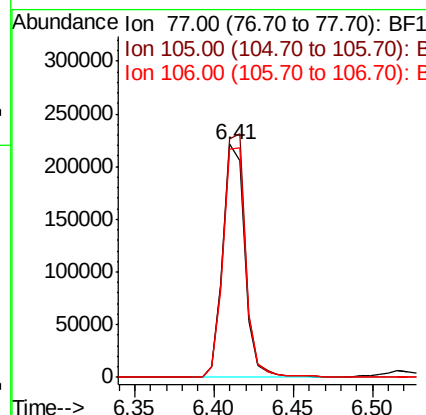
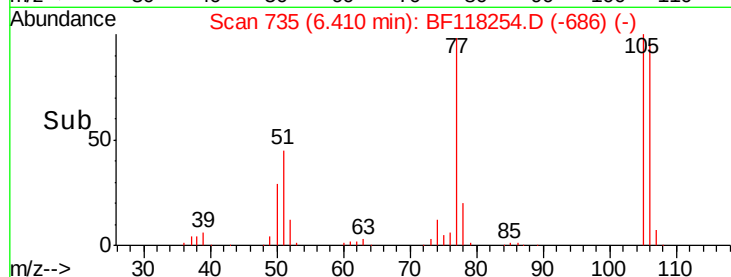
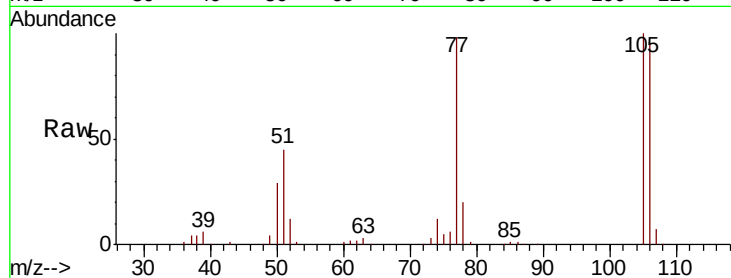
ClientSampleId :

PB125538BS

Tot Ion:	77	Resp:	214356
Ion	Ratio	Lower	Upper
77	100		
105	102.4	86.4	126.4
106	97.8	83.8	123.8

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#10

Phenol

Concen: 44.284 ng

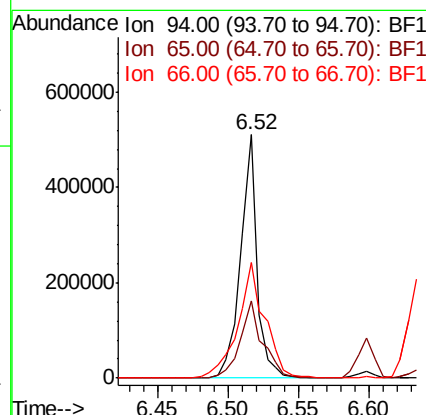
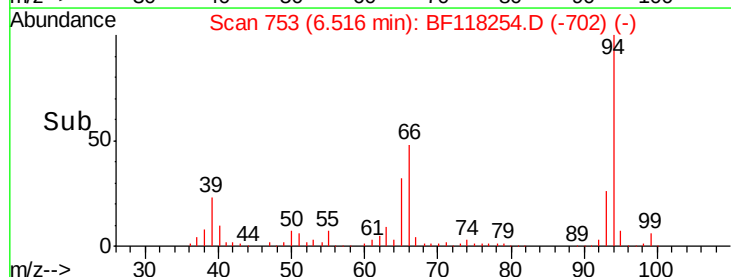
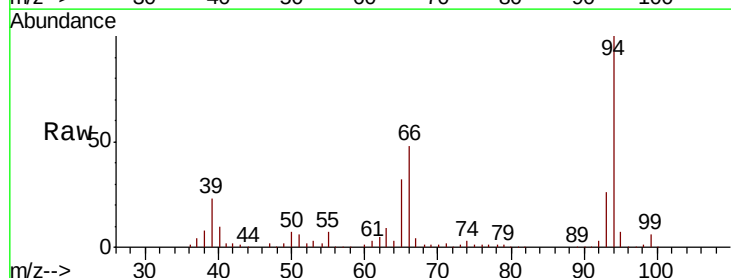
RT: 6.52 min Scan# 753

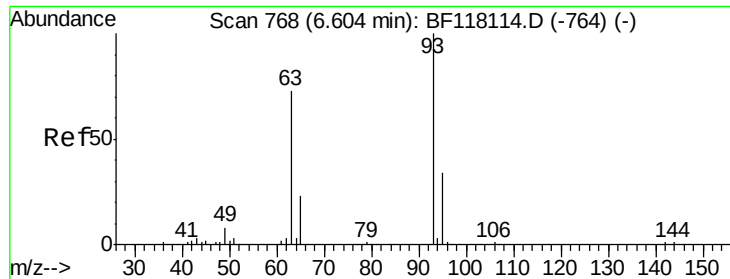
Delta R.T. -0.00 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Tgt Ion:	94	Resp:	419835
Ion	Ratio	Lower	Upper
94	100		
65	31.7	7.3	47.3
66	47.7	20.2	60.2





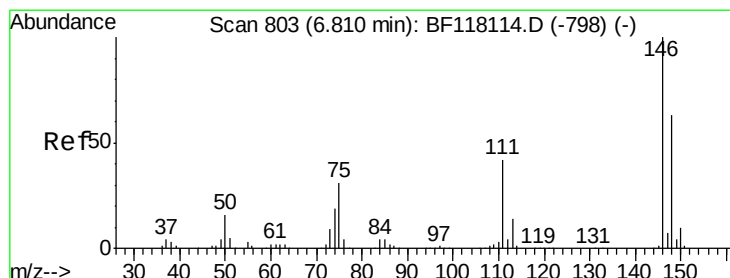
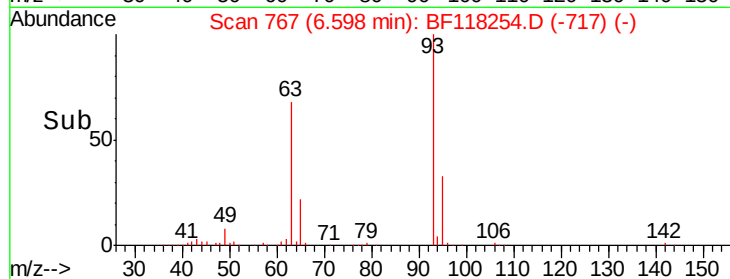
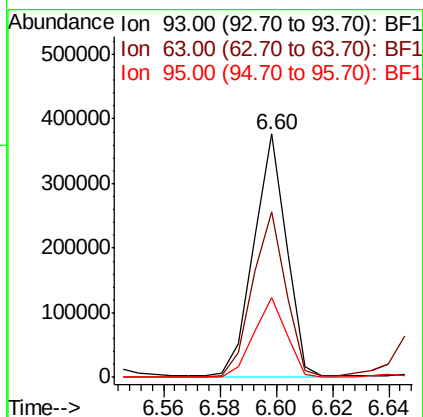
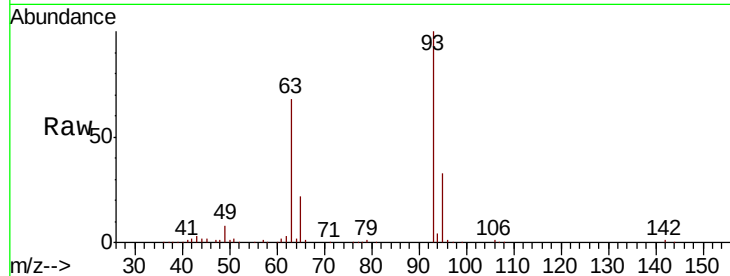
#11
bis(2-Chloroethyl)ether
Concen: 44.568 ng
RT: 6.60 min Scan# 767
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	305593		
63	68.1	53.2	93.2	
95	32.7	13.8	53.8	

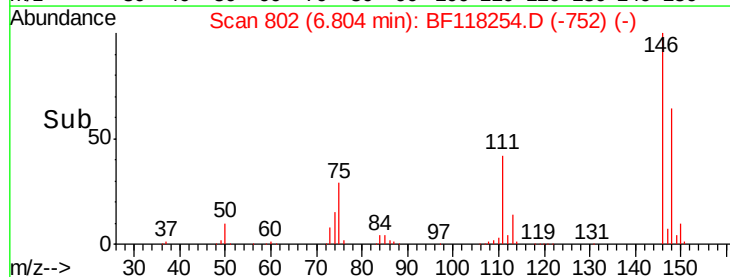
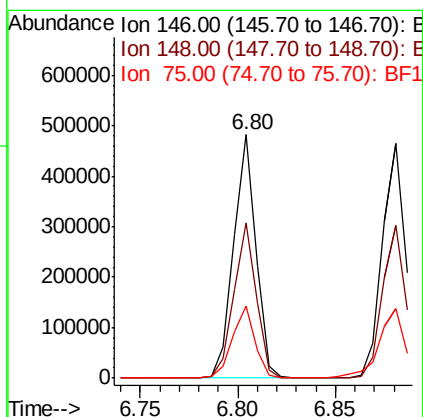
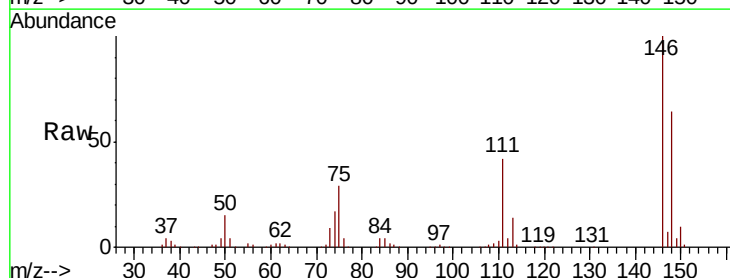
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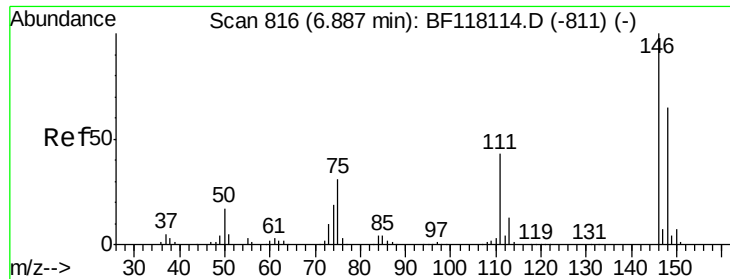
mohammad
12/19/2019 11:16:40 AM



#12
1,3-Dichlorobenzene
Concen: 42.222 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	382245		
148	64.0	50.2	75.4	
75	29.4	24.6	37.0	





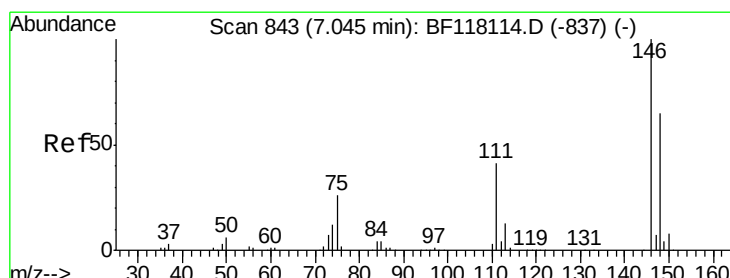
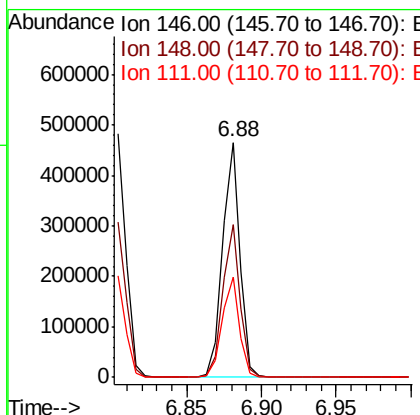
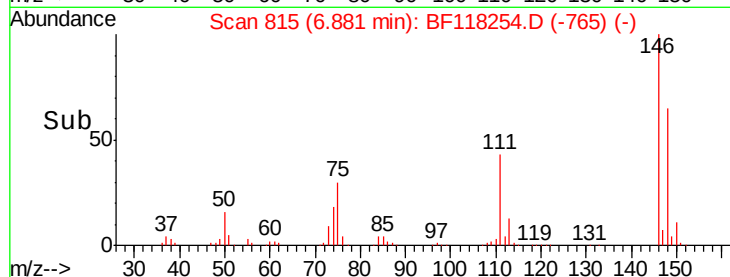
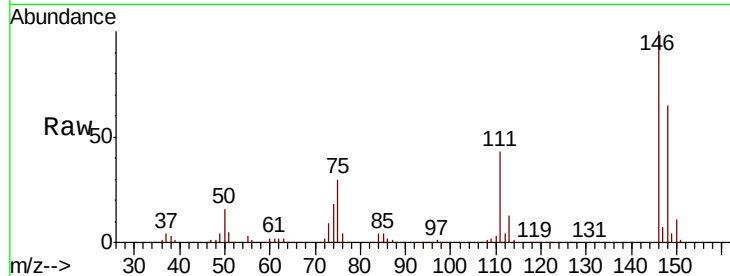
#13
 1,4-Dichlorobenzene
 Concen: 42.405 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB125538BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	52.1	78.1
111	42.7	34.6	52.0

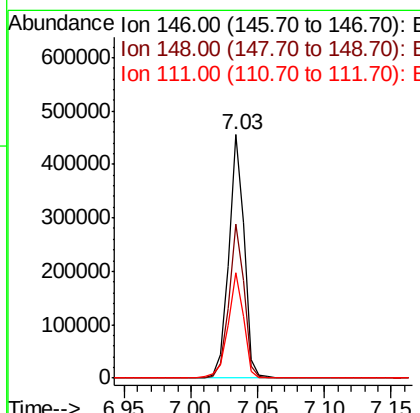
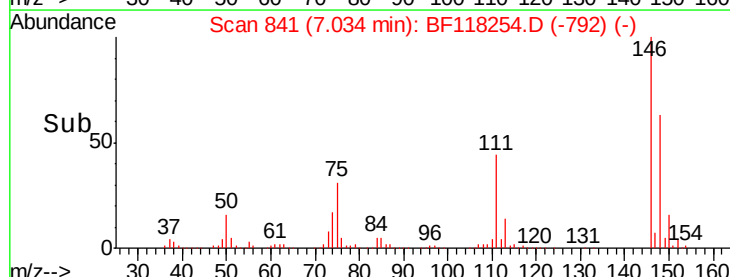
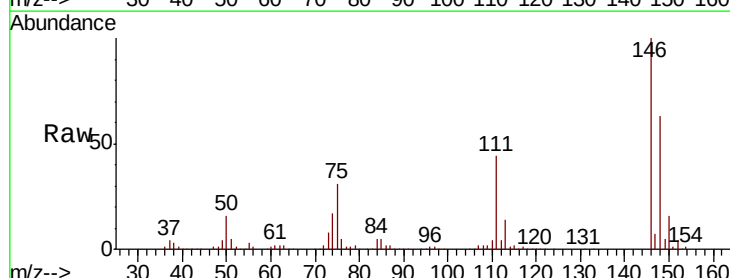
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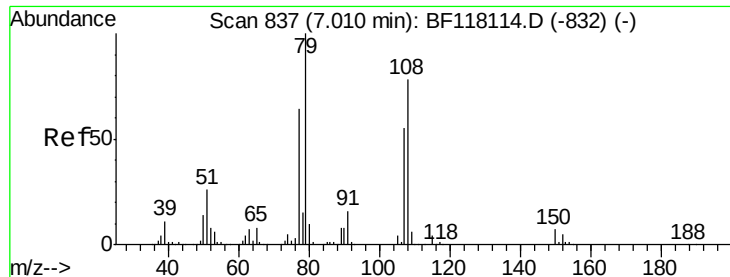
mohammad
 12/19/2019 11:16:40 AM



#14
 1,2-Dichlorobenzene
 Concen: 43.270 ng
 RT: 7.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	43.5	33.1	49.7





#15

Benzyl Alcohol

Concen: 45.959 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Instrument :

BNA_F

ClientSampleId :

PB125538BS

Tot Ion: 79 Resp: 298243

Ion Ratio Lower Upper

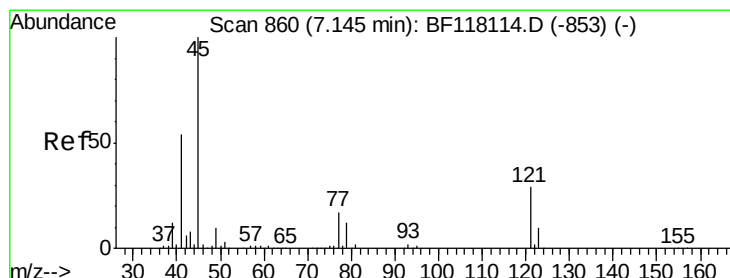
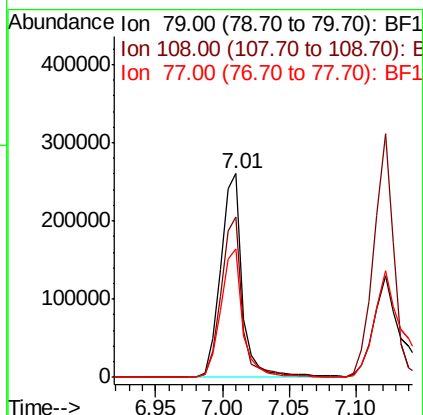
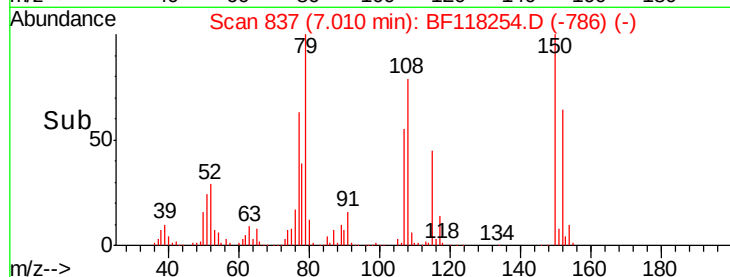
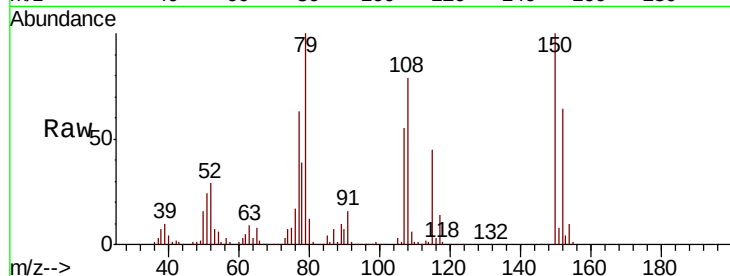
79 100

108 78.9 62.7 94.1

77 63.0 51.4 77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.903 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

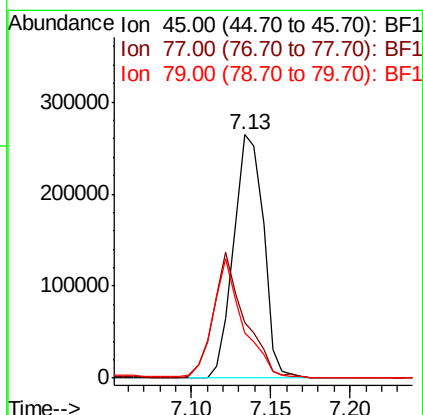
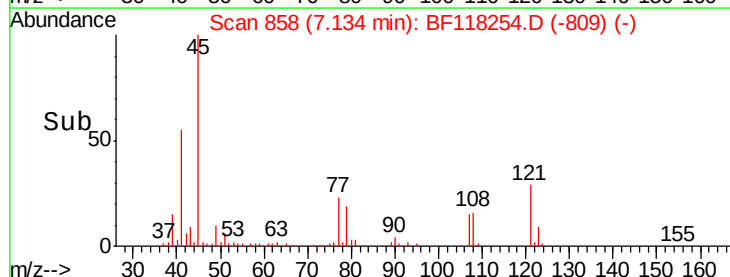
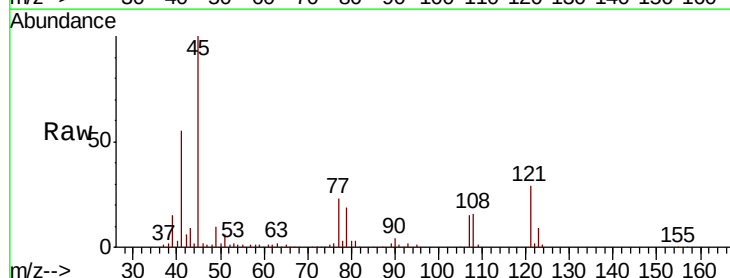
Tgt Ion: 45 Resp: 345462

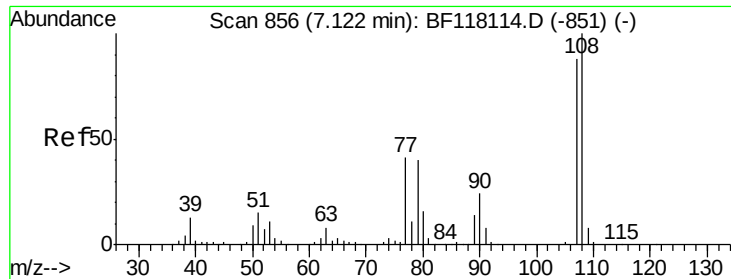
Ion Ratio Lower Upper

45 100

77 22.9 0.0 38.0

79 18.8 0.0 33.2





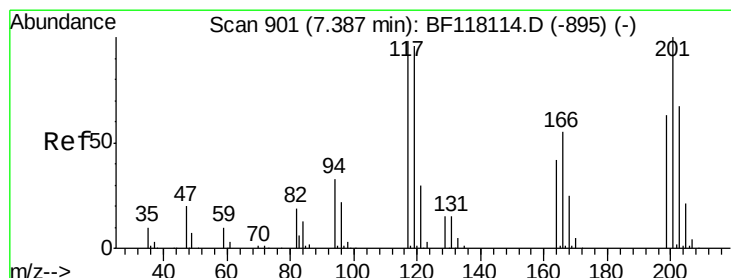
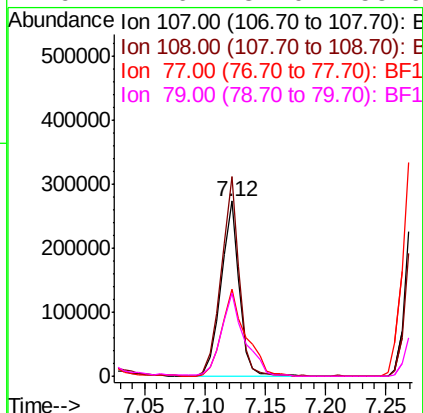
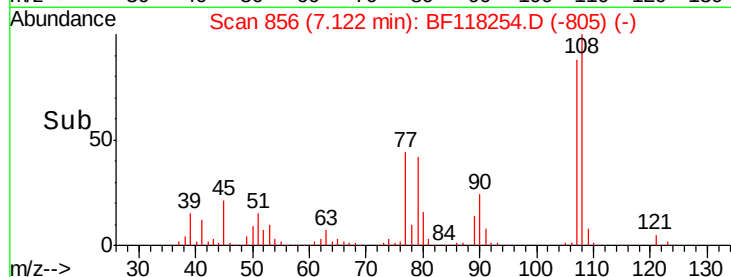
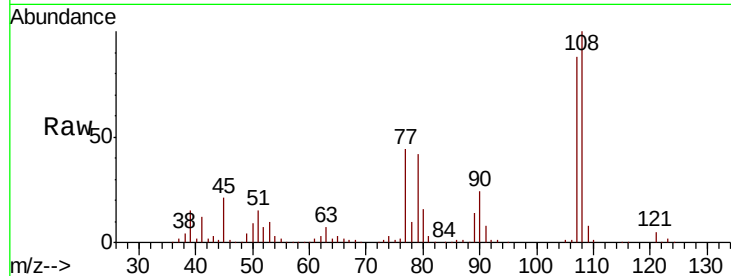
#17
2-Methylphenol
Concen: 45.644 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleID :
PB125538BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	91.1	136.7	
77	49.8	37.8	56.6	
79	47.6	37.0	55.6	

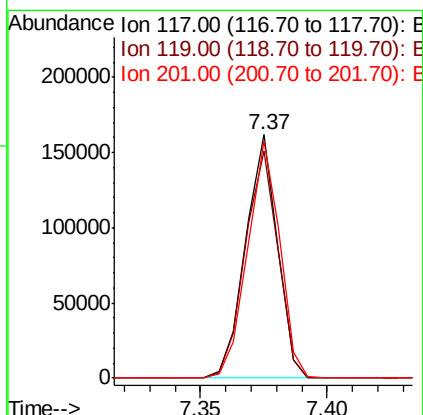
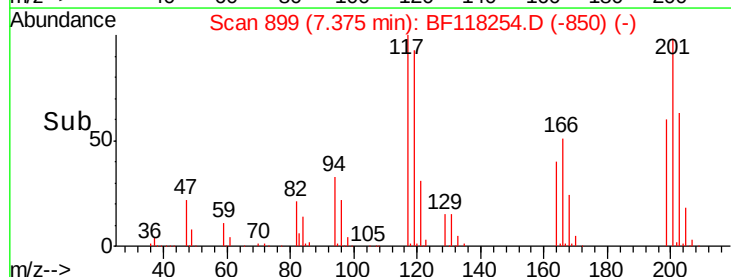
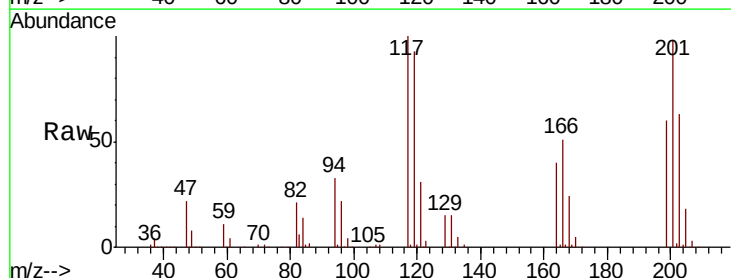
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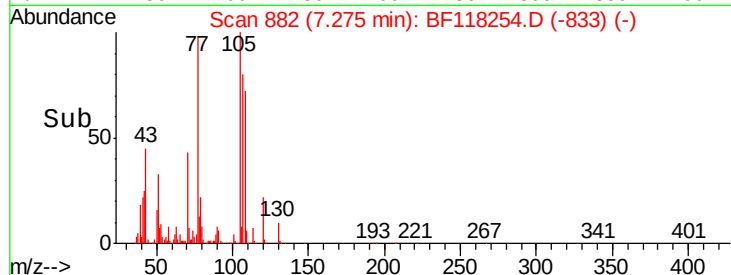
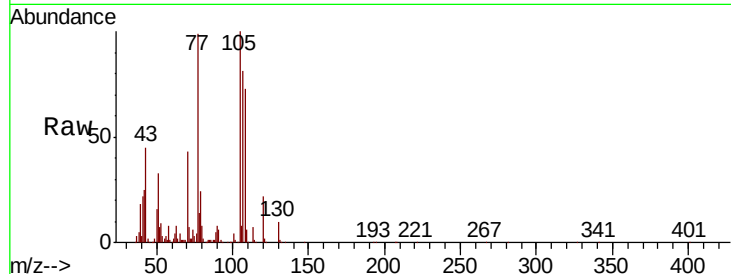
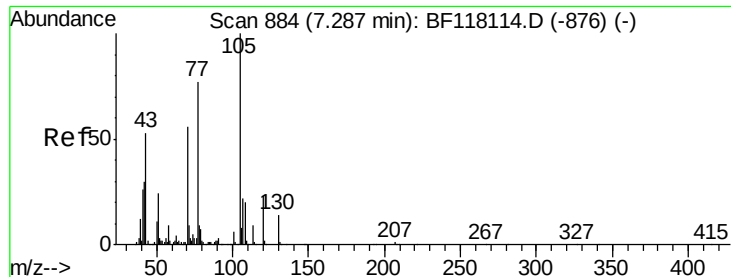
mohammad
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#18
Hexachloroethane
Concen: 42.297 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.0	78.2	117.4	
201	97.5	81.6	122.4	





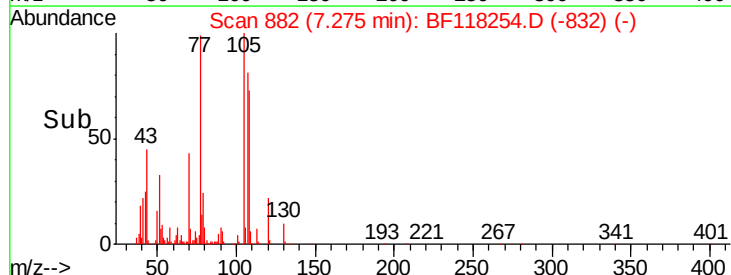
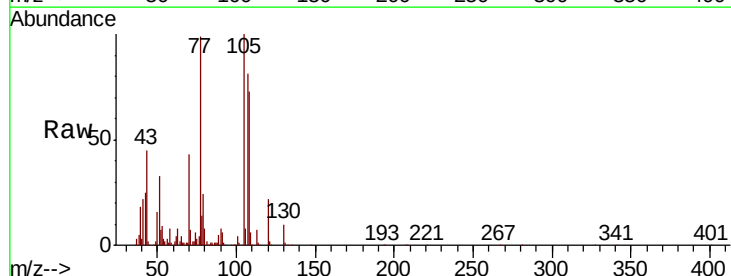
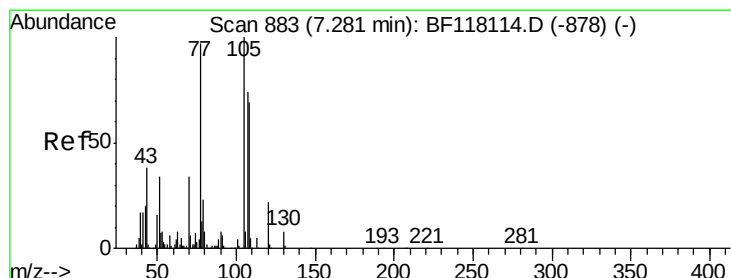
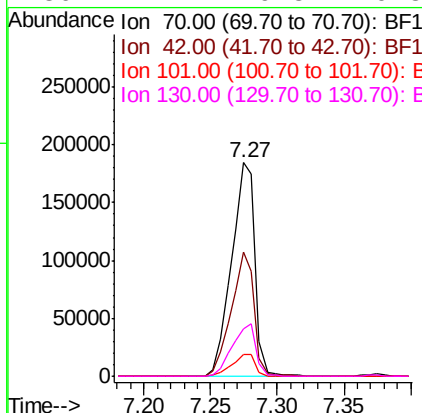
#19
n-Nitroso-di-n-propylamine
Concen: 44.929 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.4	43.2	64.8
101	10.0	8.1	12.1
130	22.4	19.8	29.8

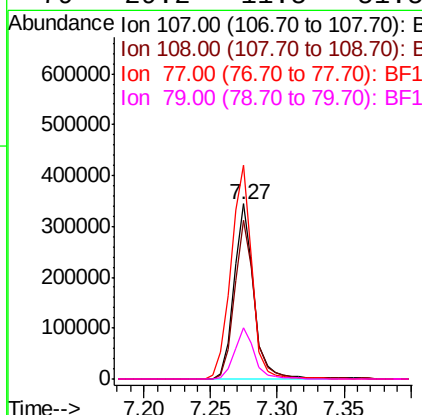
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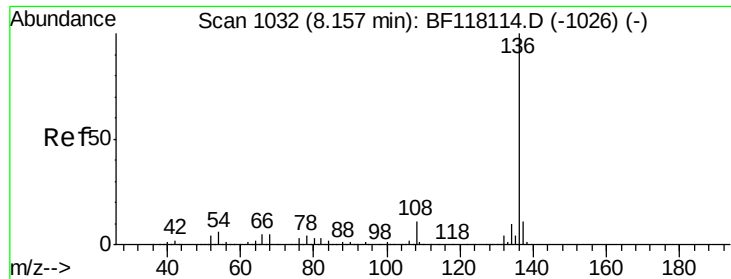
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#20
3+4-Methylphenols
Concen: 45.813 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	73.2	113.2
77	122.0	110.9	150.9
79	29.2	11.5	51.5





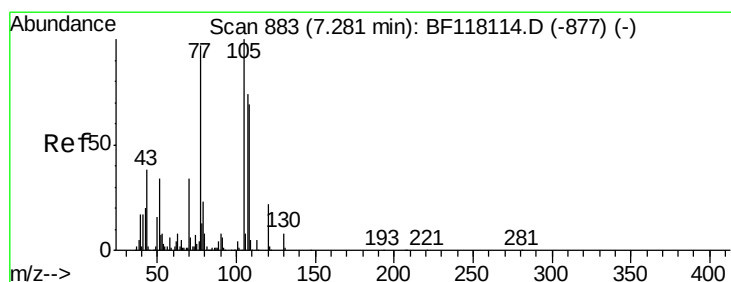
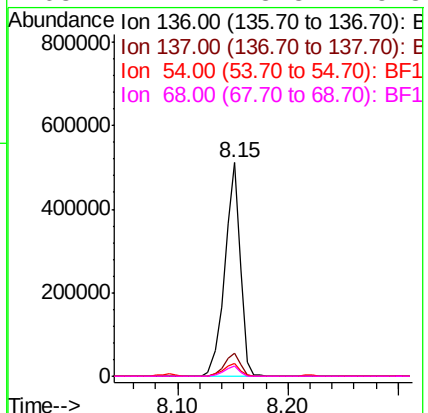
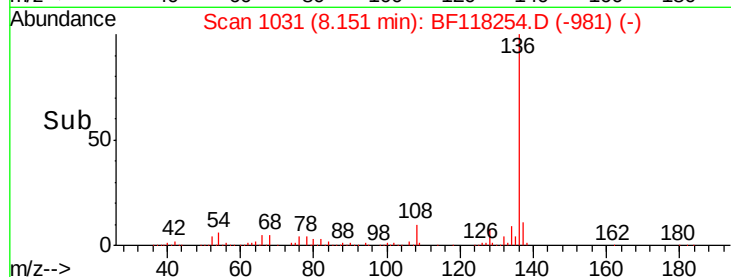
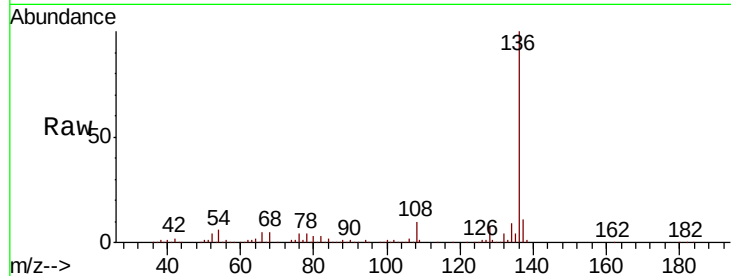
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	499485		
137	10.7		9.0	13.6
54	6.0		5.0	7.6
68	4.7		3.8	5.8

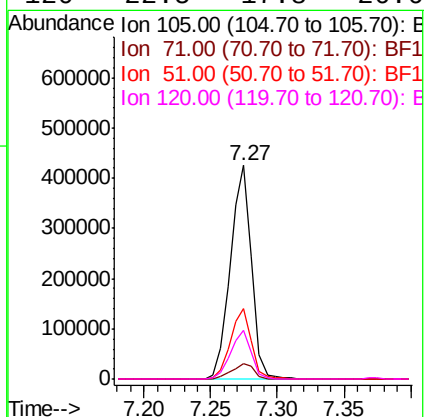
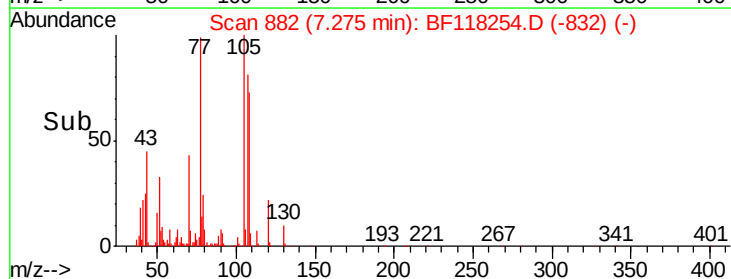
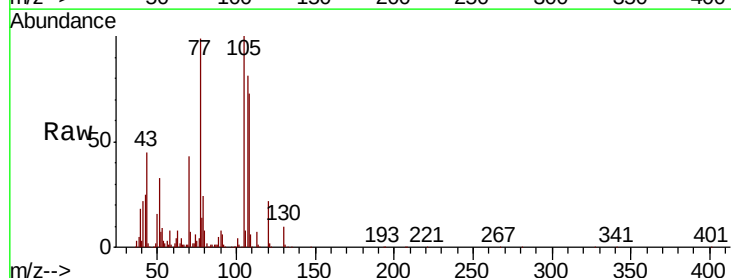
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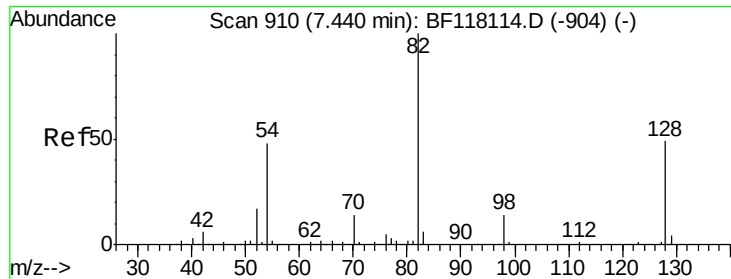
mohammad
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#22
Acetophenone
Concen: 39.460 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	473524		
71	7.3		4.7	7.1#
51	32.9		27.1	40.7
120	22.5		17.8	26.6





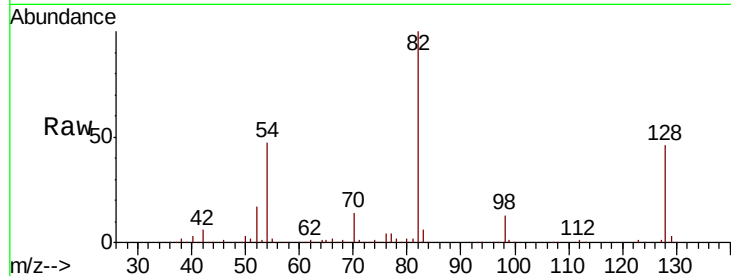
#23
Nitrobenzene-d5
Concen: 73.507 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

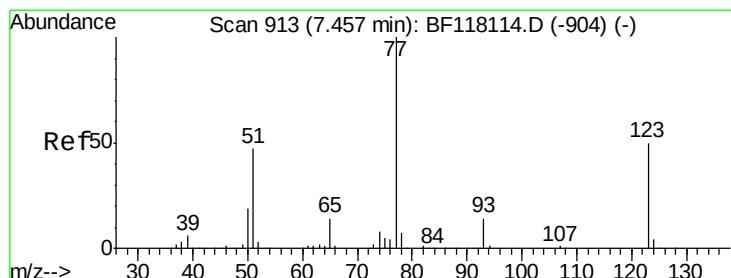
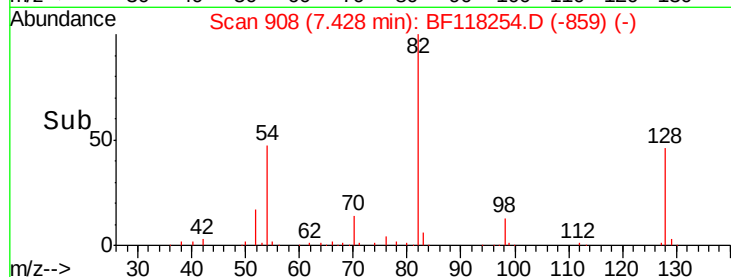
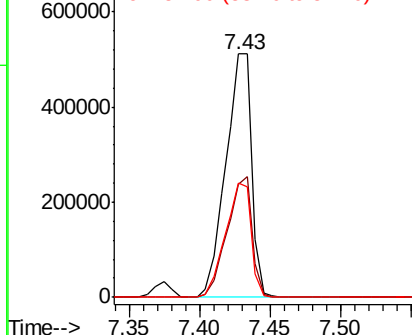
Tot Ion	Ratio	Resp	Lower	Upper
82	100	652629		
128	46.3		39.1	58.7
54	46.8		38.2	57.2

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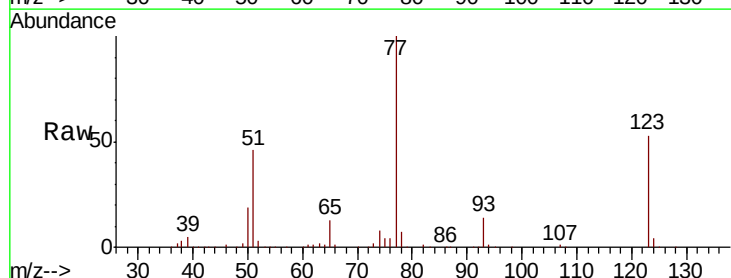


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

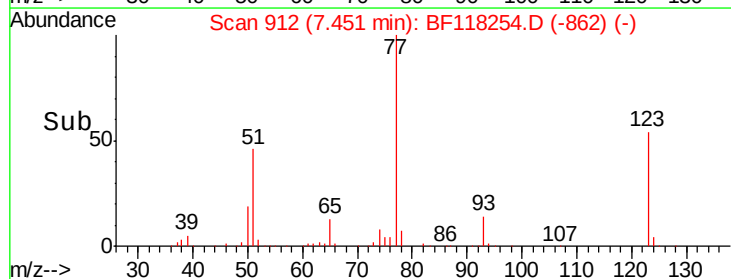
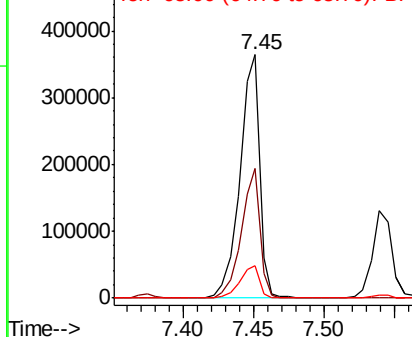


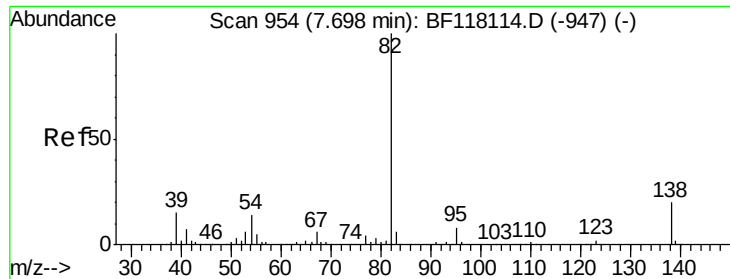
#24
Nitrobenzene
Concen: 40.213 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	350779		
123	53.4		40.1	60.1
65	13.1		10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.608 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Instrument :

BNA_F

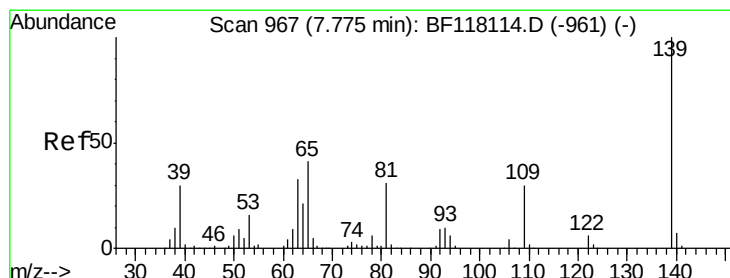
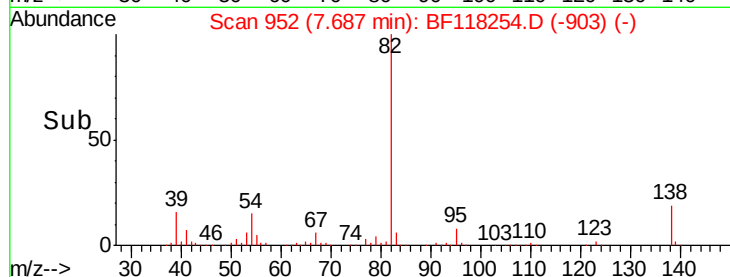
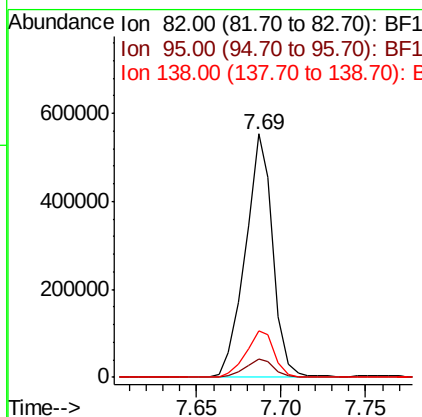
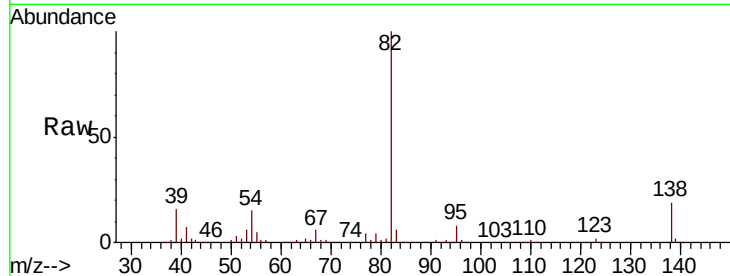
ClientSampleId :

PB125538BS

Tot Ion:	82	Resp:	626241
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.3	9.5
138	18.8	16.3	24.5

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#26

2-Nitrophenol

Concen: 42.778 ng

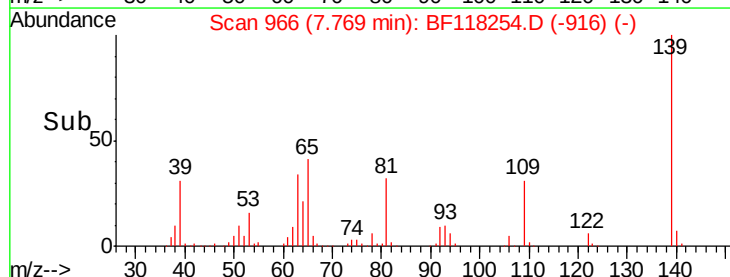
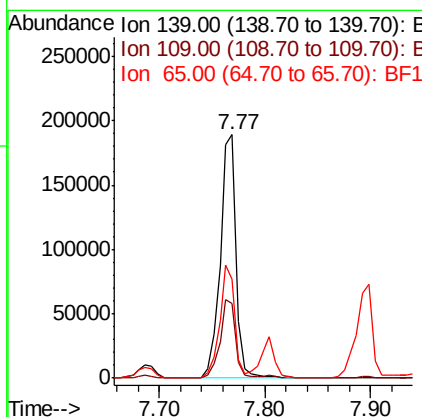
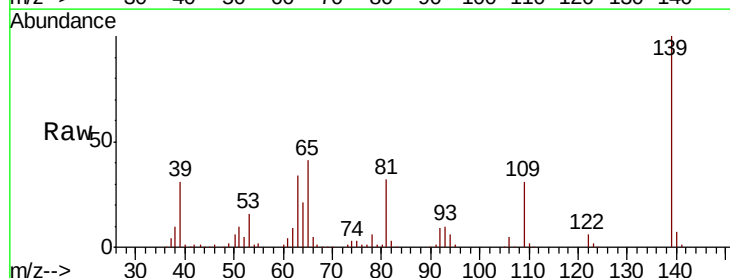
RT: 7.77 min Scan# 966

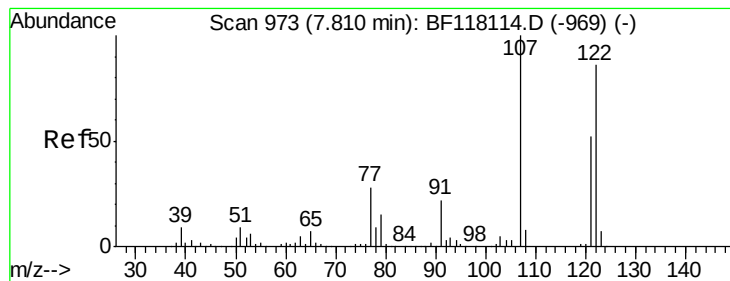
Delta R.T. -0.01 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Tgt Ion:	139	Resp:	199446
Ion Ratio	Lower	Upper	
139	100		
109	30.6	23.9	35.9
65	40.9	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 49.136 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Instrument :

BNA_F

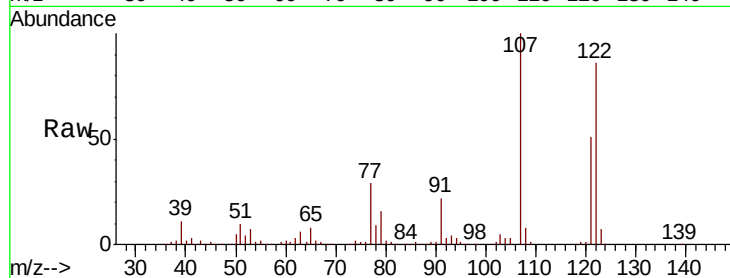
ClientSampleId :

PB125538BS

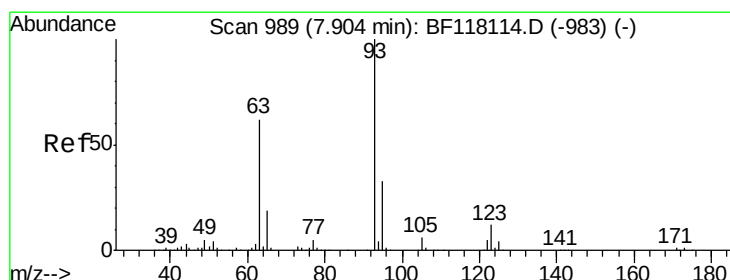
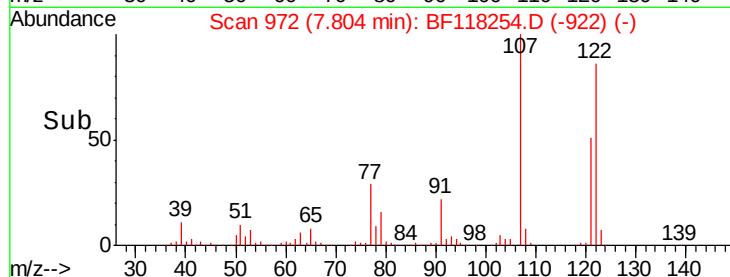
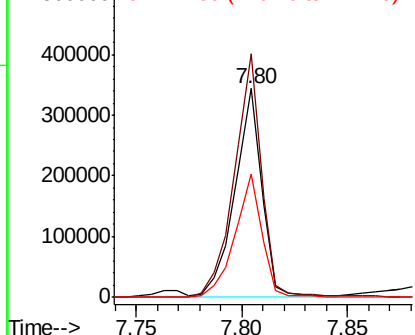
Tot Ion:	122	Resp:	305577
Ion Ratio	Lower	Upper	
122	100		
107	116.8	92.9	139.3
121	59.4	48.3	72.5

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.965 ng

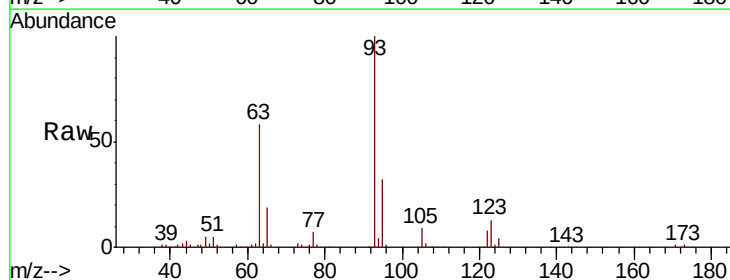
RT: 7.90 min Scan# 988

Delta R.T. -0.01 min

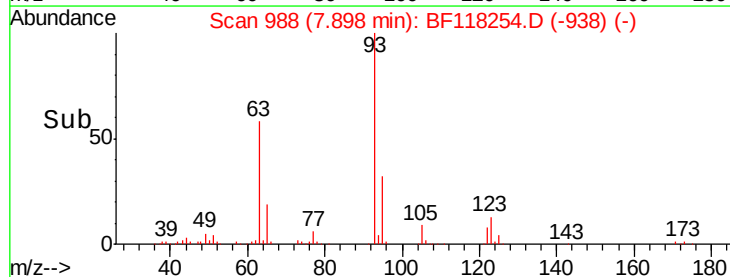
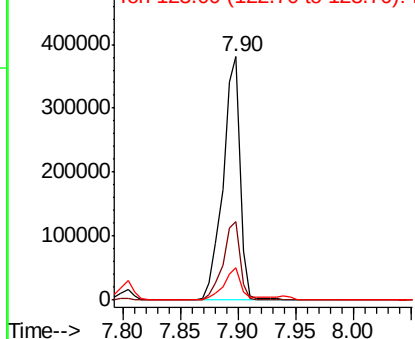
Lab File: BF118254.D

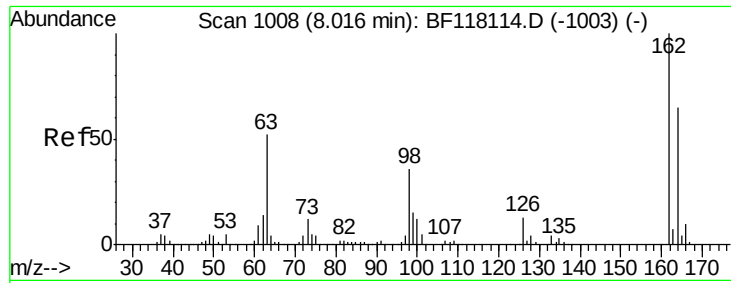
Acq: 18 Dec 2019 12:36

Tgt Ion:	93	Resp:	393044
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.7	40.1
123	13.1	10.0	15.0



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





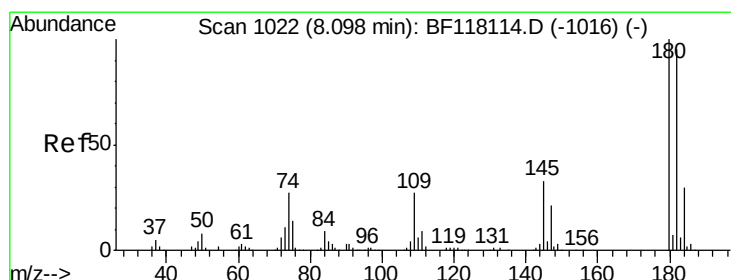
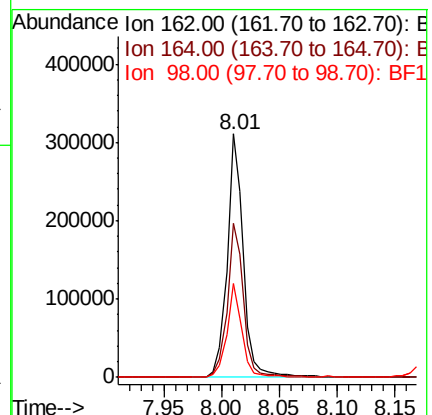
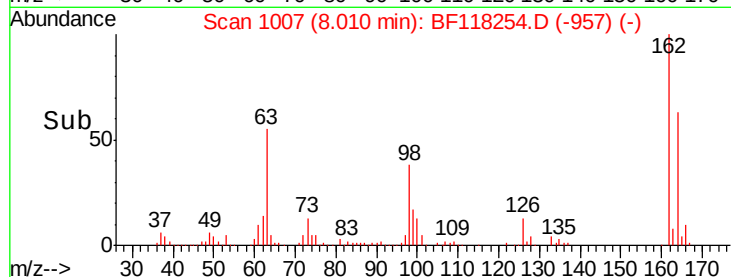
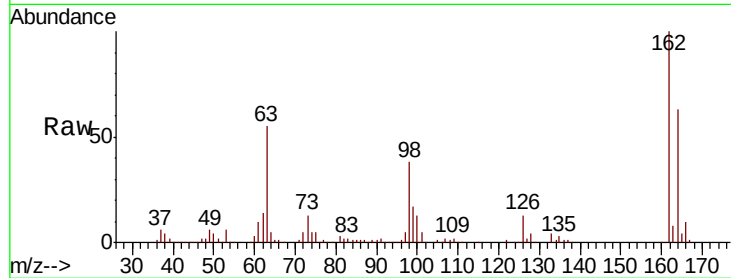
#29
2,4-Dichlorophenol
Concen: 41.563 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		301337		
164	63.5	45.2	85.2		
98	38.3	15.9	55.9		

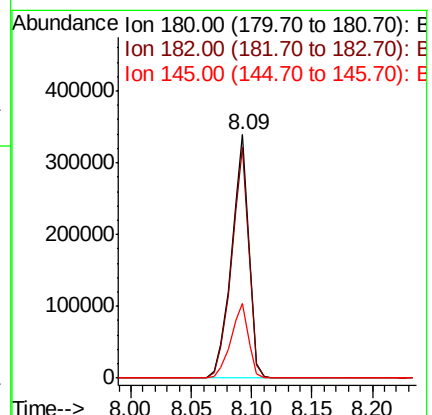
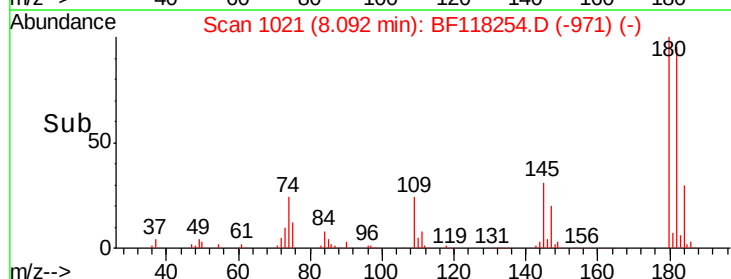
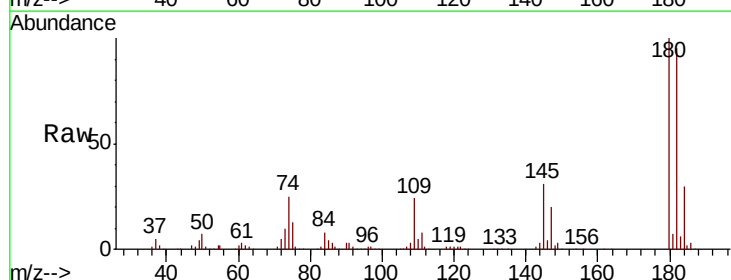
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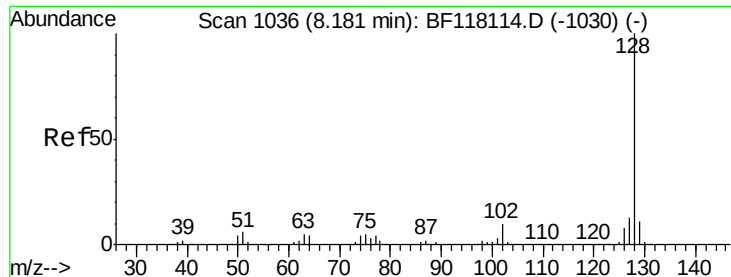
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#30
1,2,4-Trichlorobenzene
Concen: 39.570 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		335273		
182	94.9	76.1	114.1		
145	30.8	26.1	39.1		





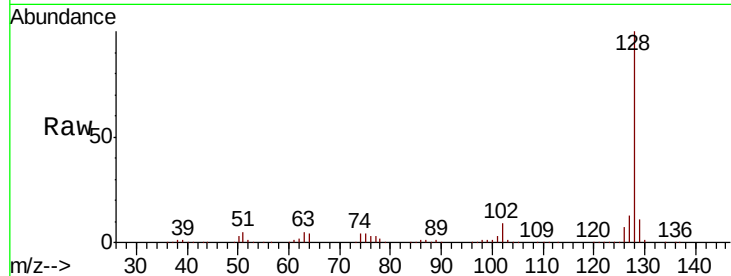
#31
Naphthalene
Concen: 41.820 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.1	10.6	16.0

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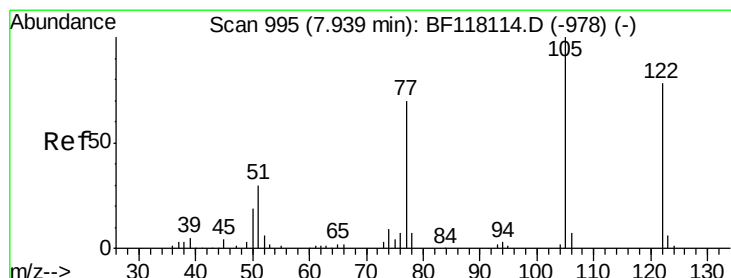
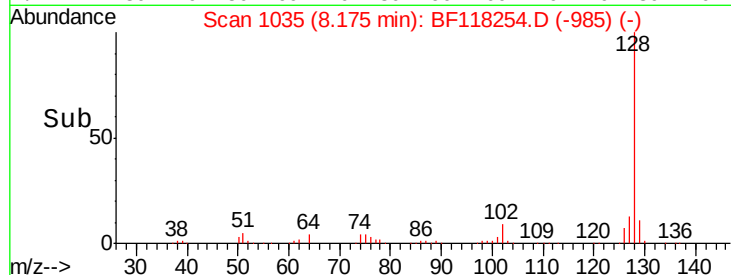
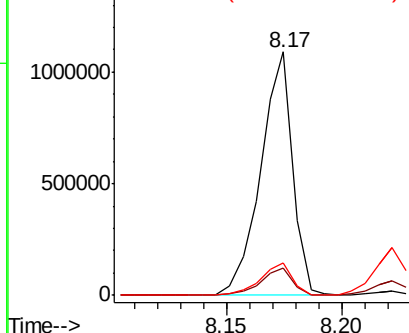


Abundance

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: 36.478 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

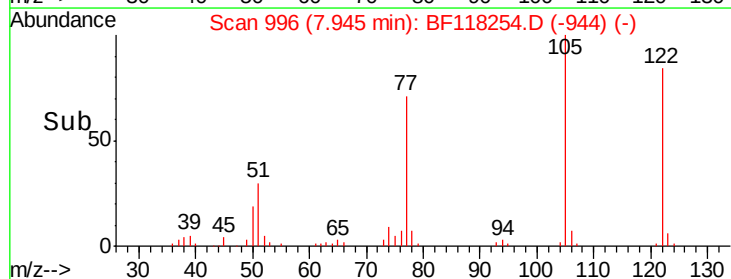
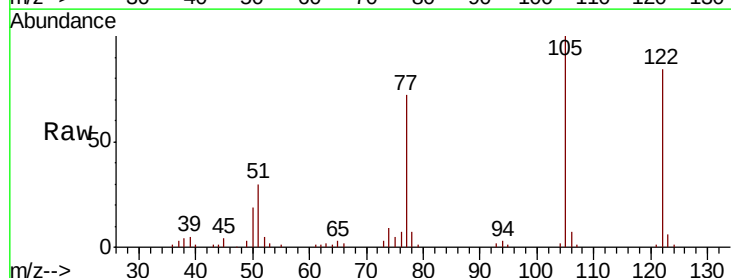
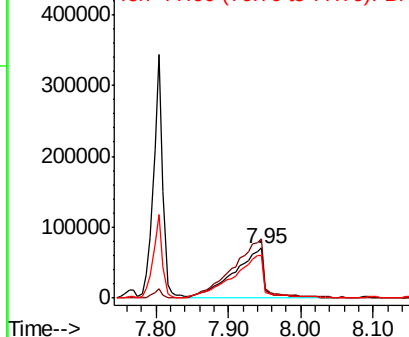
Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.6	104.7	144.7
77	85.6	69.1	109.1

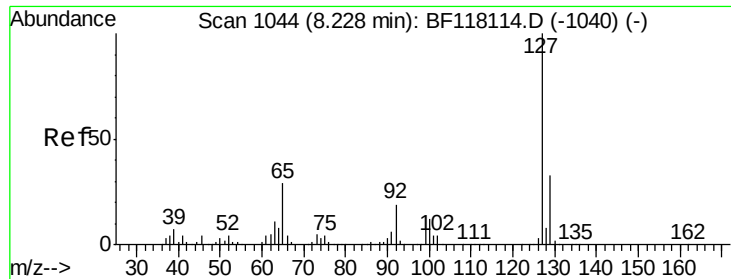
Abundance

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





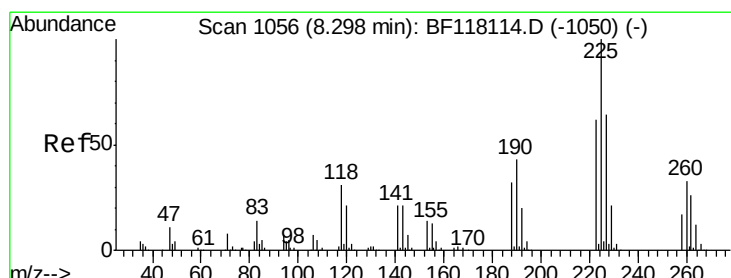
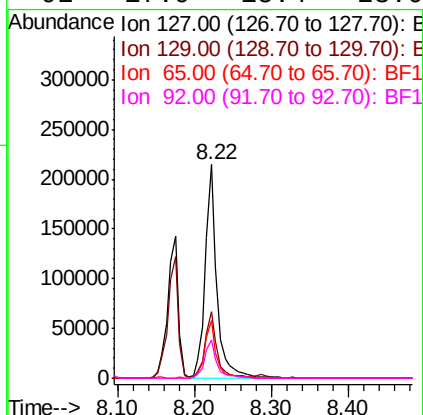
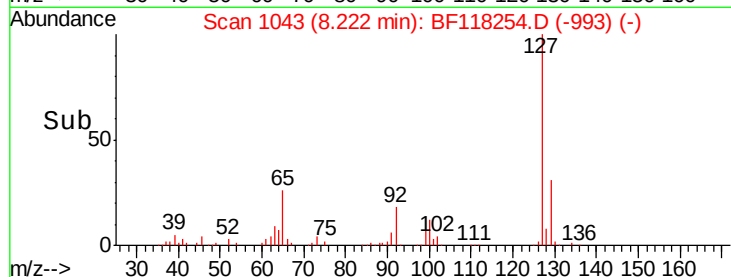
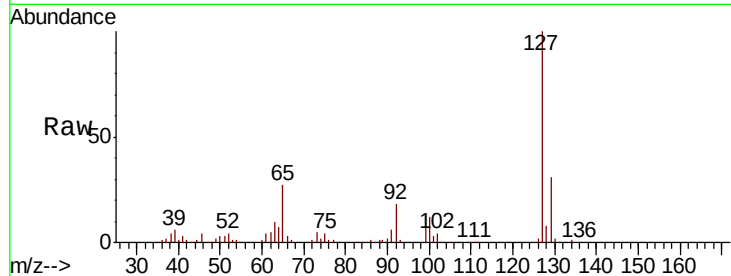
#33
4-Chloroaniline
Concen: 21.235 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.1	26.6	40.0		
65	27.0	23.2	34.8		
92	17.9	15.4	23.0		

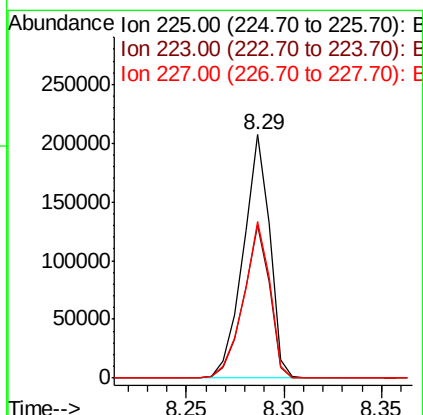
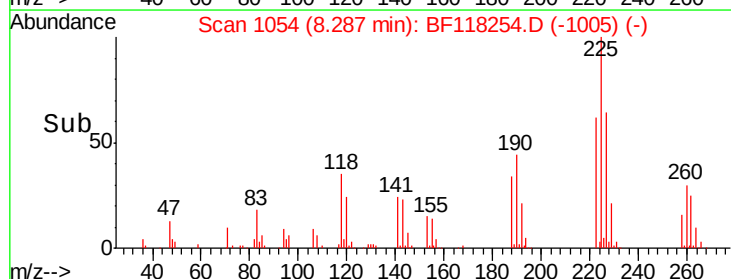
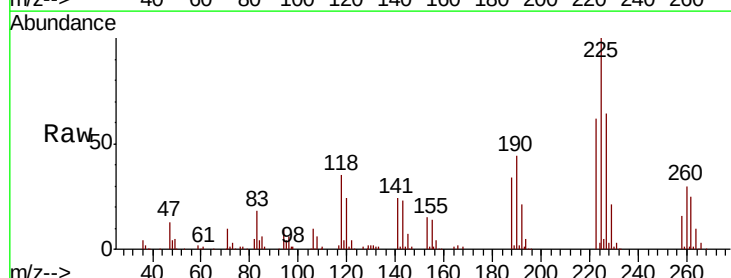
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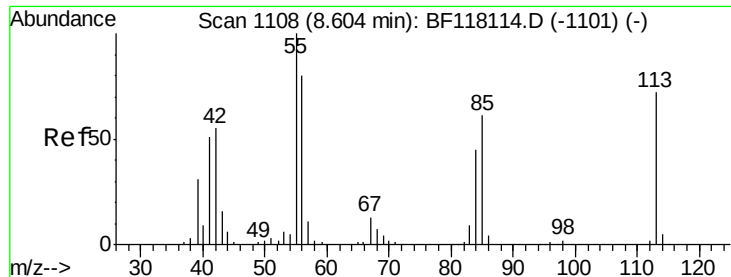
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#34
Hexachlorobutadiene
Concen: 38.359 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5	49.6	74.4		
227	64.3	51.0	76.6		





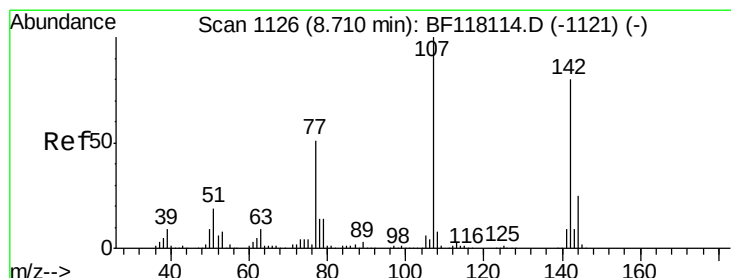
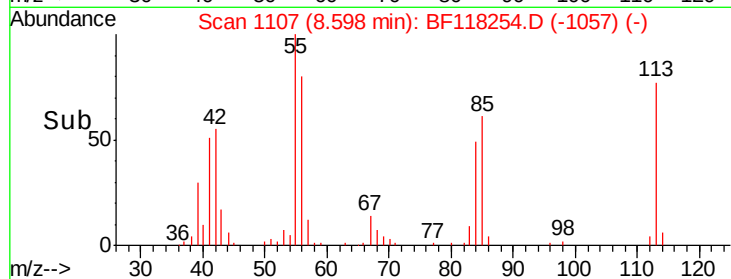
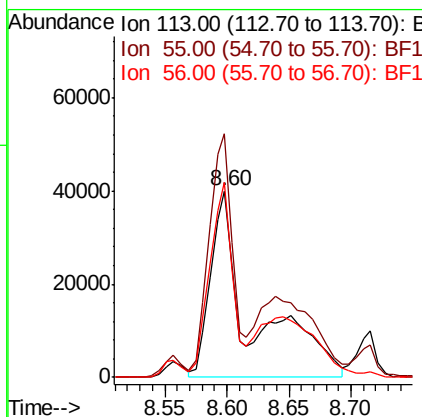
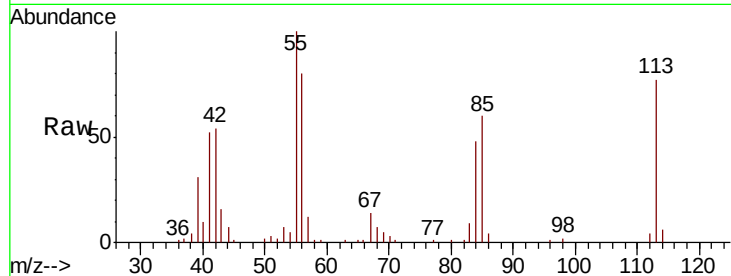
#35
Caprolactam
Concen: 41.163 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	130.6	118.9	158.9
56	104.5	91.4	131.4

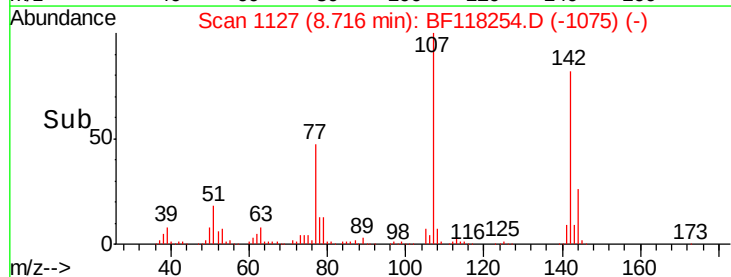
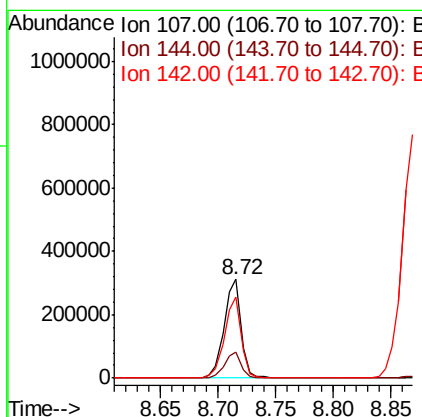
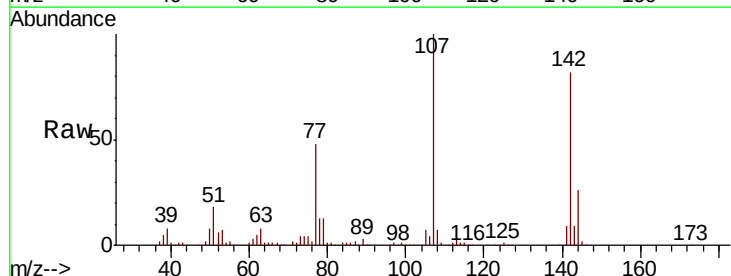
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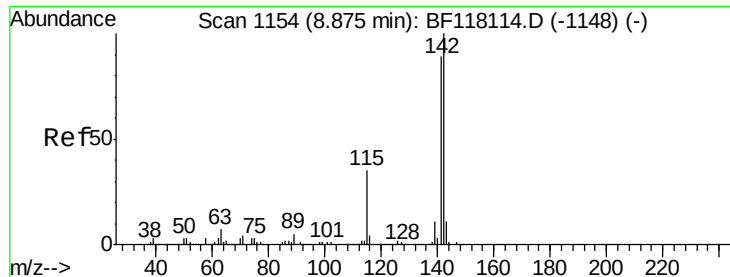
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 41.948 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.3	30.5
142	82.2	63.7	95.5





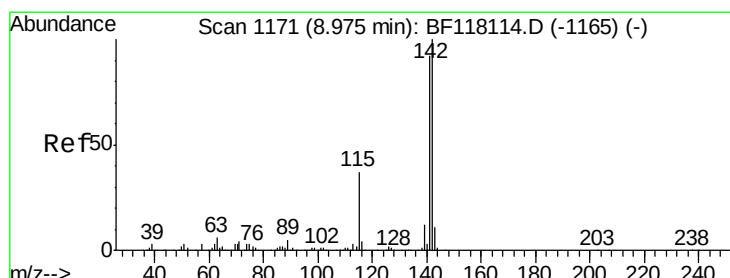
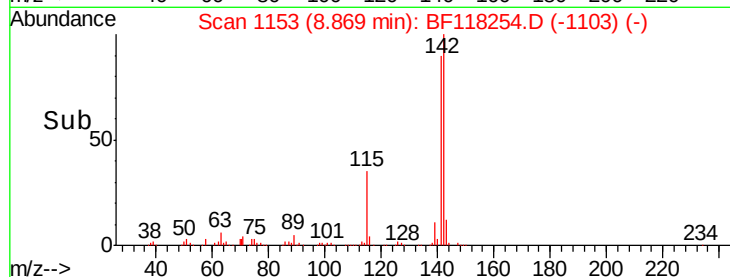
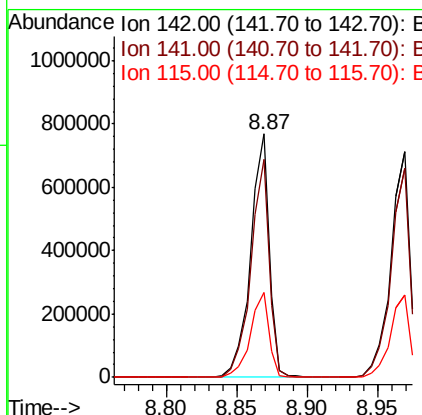
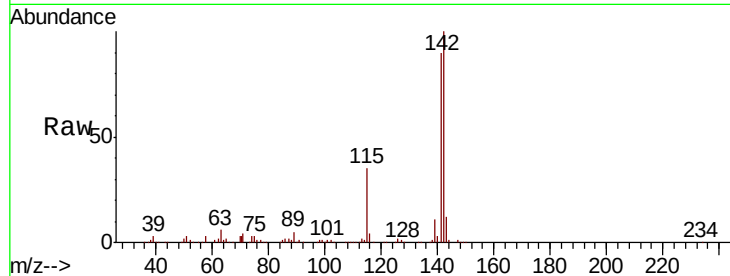
#37
2-Methylnaphthalene
Concen: 42.191 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.0
115	35.1	28.2	42.4

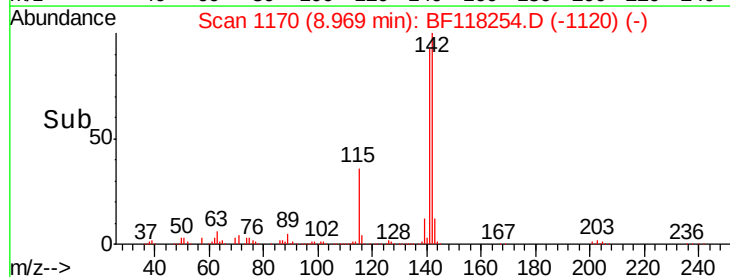
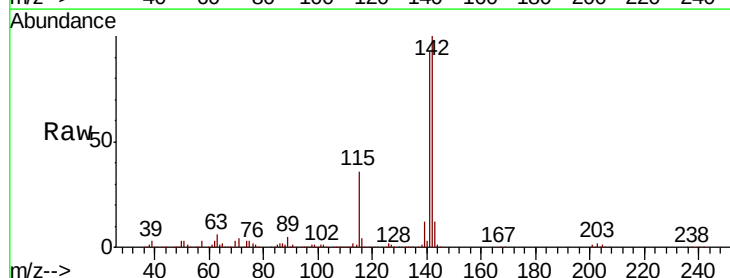
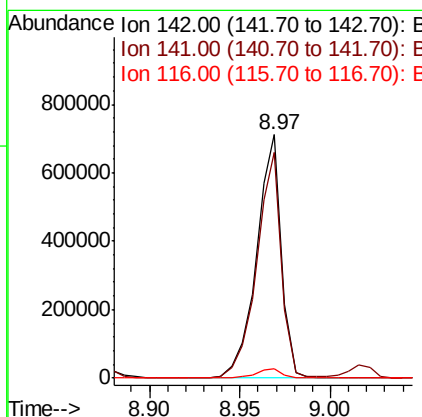
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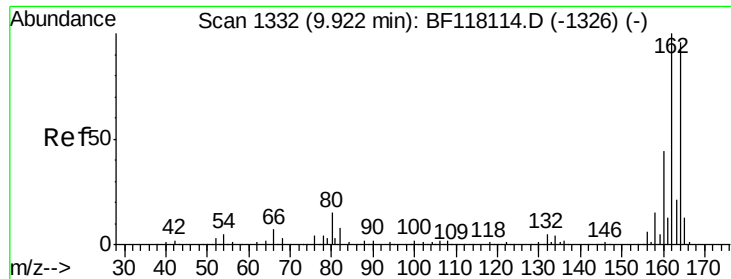
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#38
1-Methylnaphthalene
Concen: 42.129 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.0	111.0
116	3.7	3.2	4.8





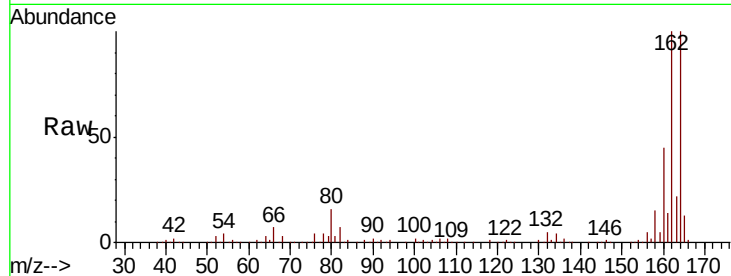
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	83.4	125.0
160	44.9	36.6	54.8

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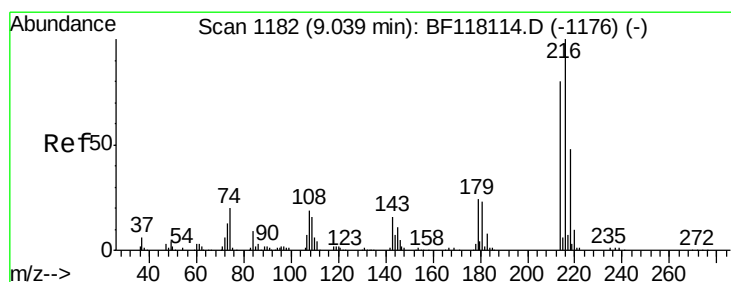
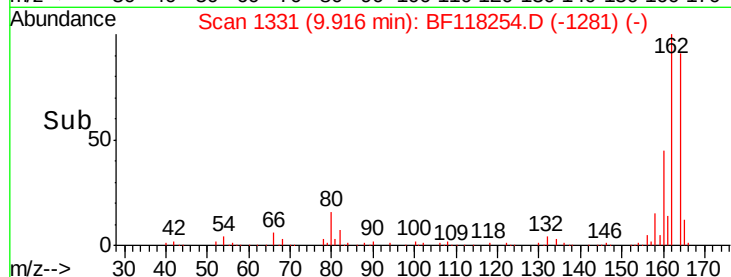
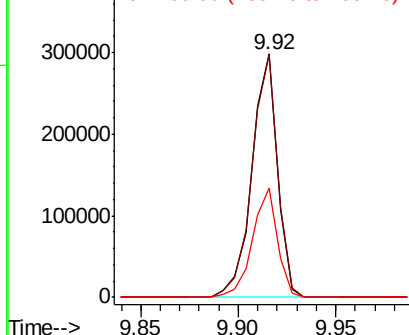


Abundance

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: 38.483 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	23.0	18.6	27.8
108	20.7	15.4	23.0

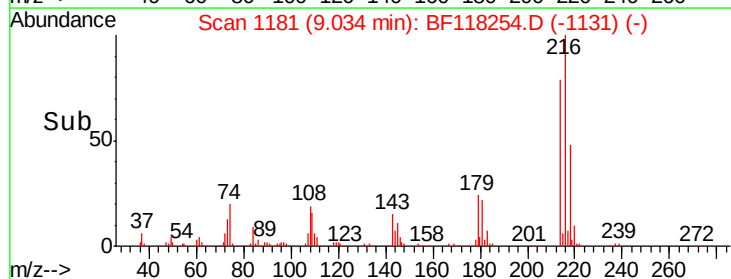
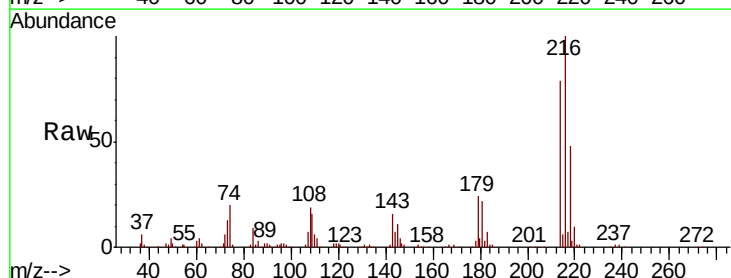
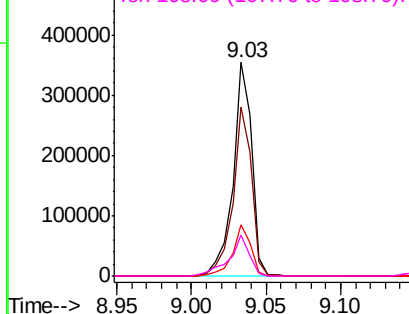
Abundance

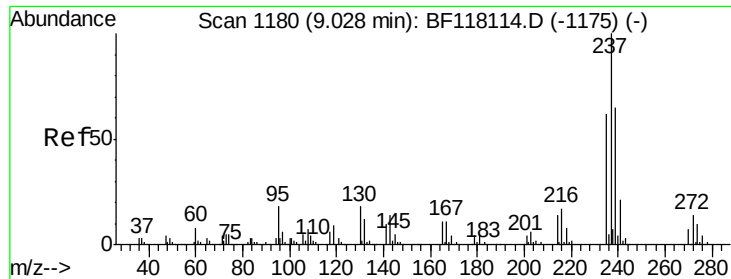
Ion 216.00 (215.70 to 216.70): E

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





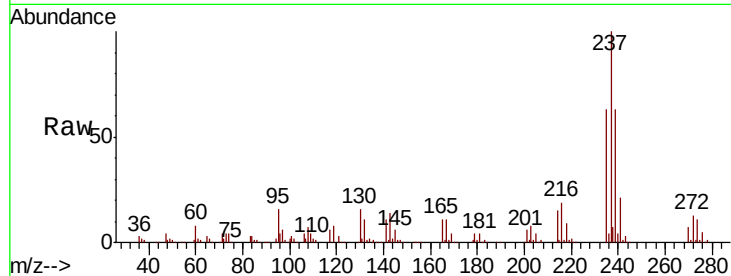
#41
Hexachlorocyclopentadiene
Concen: 79.262 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

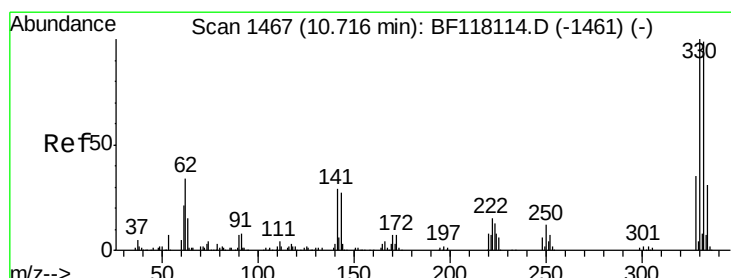
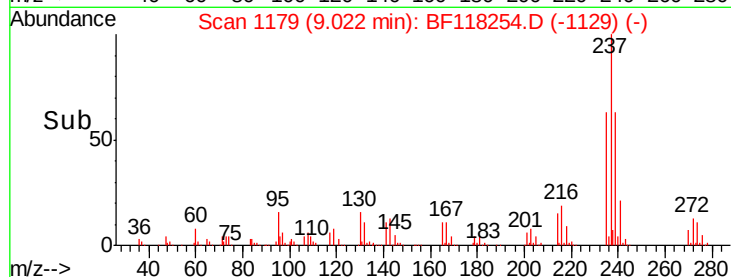
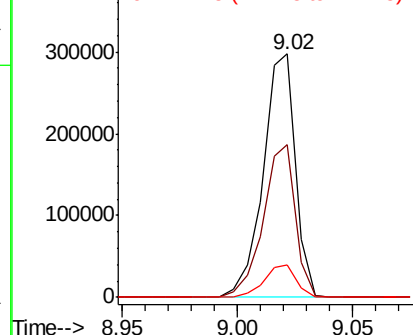
Tot Ion:	237	Resp:	290538
Ion Ratio	Lower	Upper	
237	100		
235	62.7	41.5	81.5
272	13.1	0.0	33.7

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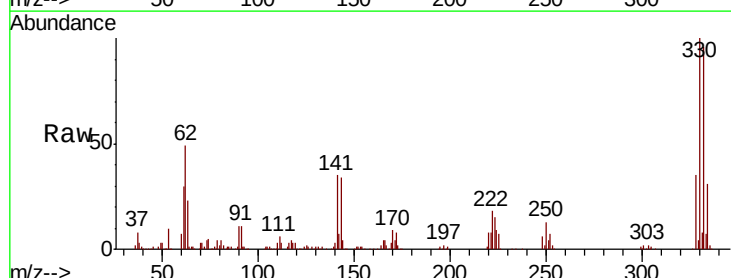


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

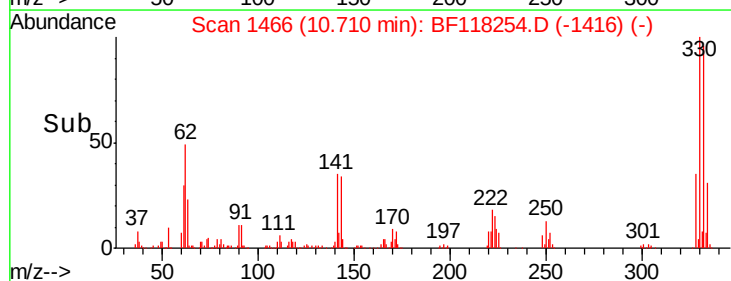
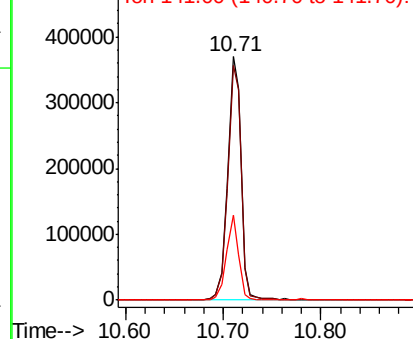


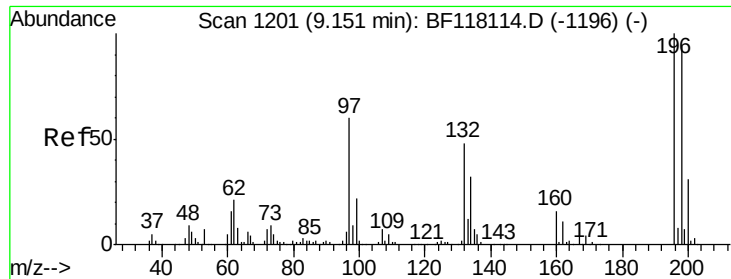
#42
2,4,6-Tribromophenol
Concen: 106.853 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion:	330	Resp:	350555
Ion Ratio	Lower	Upper	
330	100		
332	96.3	78.1	117.1
141	32.4	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





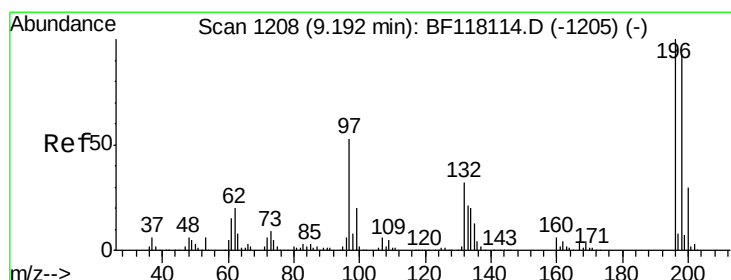
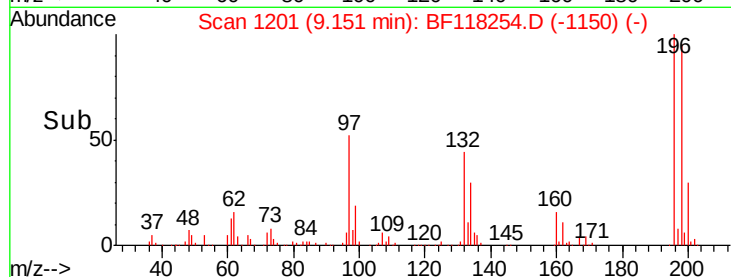
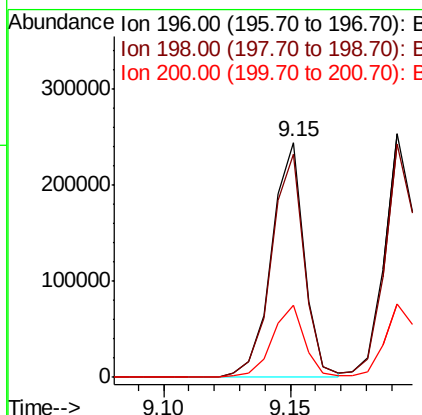
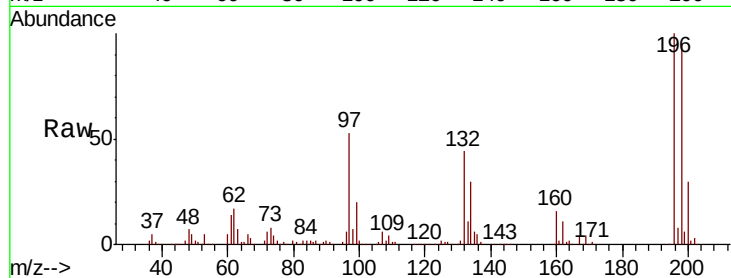
#43
2,4,6-Trichlorophenol
Concen: 39.742 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	217083		
198	95.1	75.0	112.4	
200	30.5	24.5	36.7	

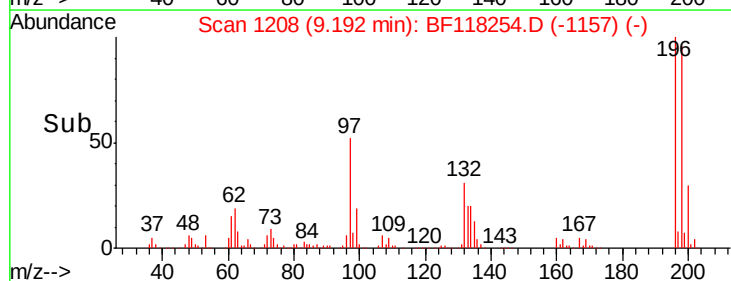
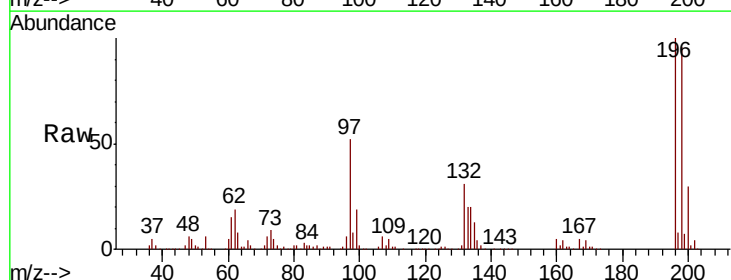
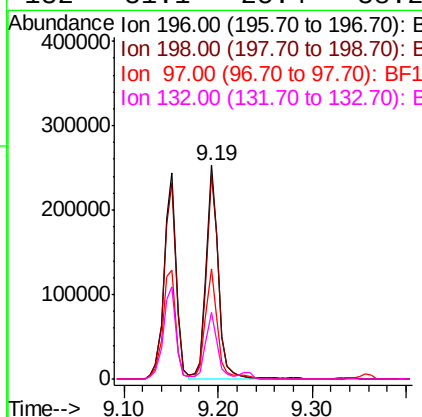
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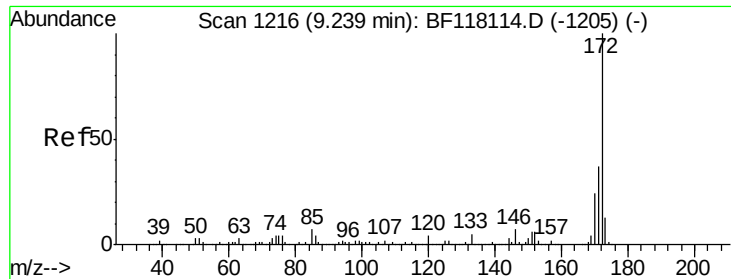
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 41.047 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	232295		
198	95.8	74.2	111.4	
97	51.5	42.5	63.7	
132	31.1	25.4	38.2	





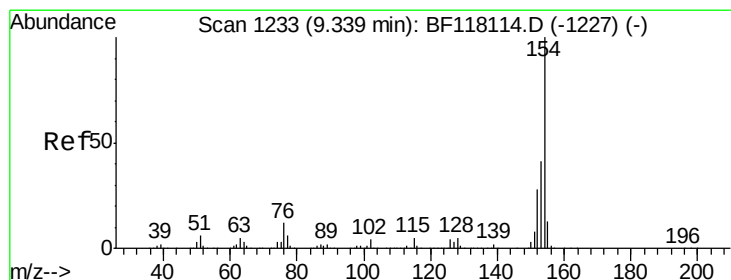
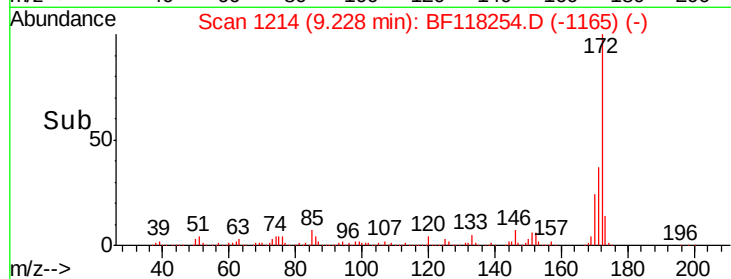
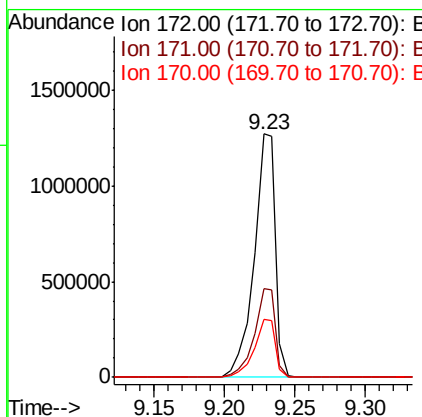
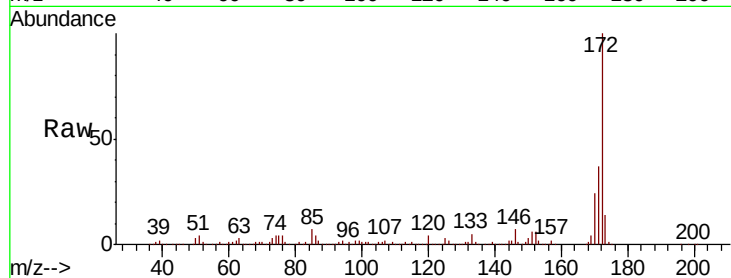
#45
2-Fluorobiphenyl
Concen: 75.998 ng
RT: 9.23 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.0	19.4	29.2

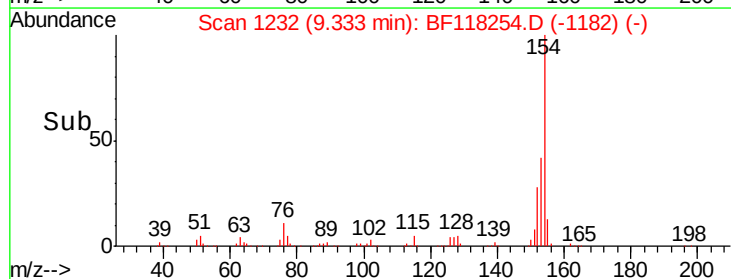
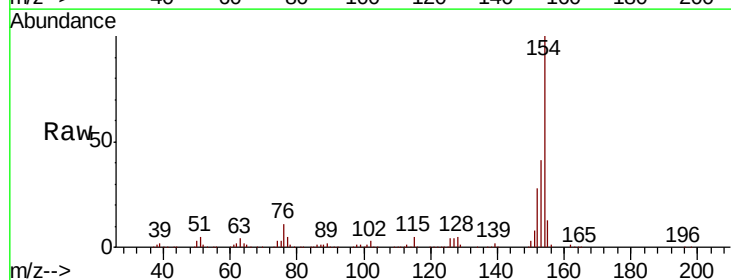
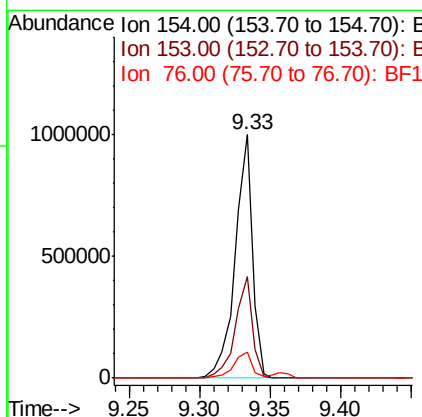
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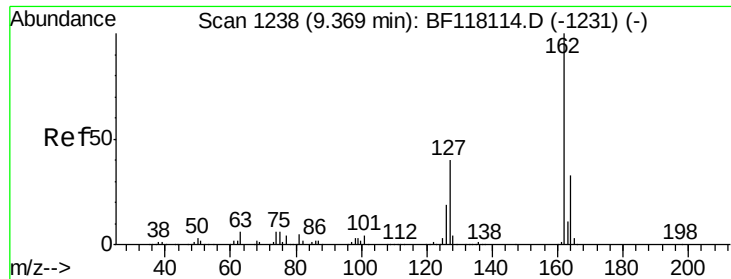
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12/19/2019 11:16:40 AM



#46
1,1'-Biphenyl
Concen: 40.076 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.7	60.7
76	10.8	0.0	31.9





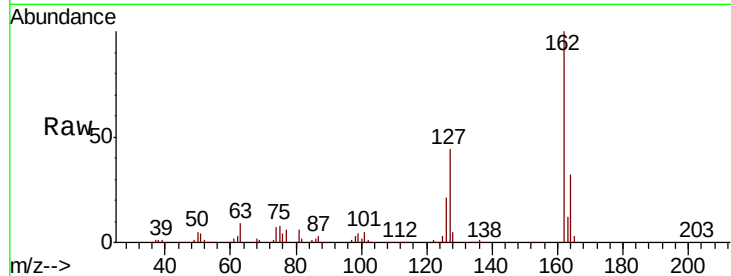
#47
2-Chloronaphthalene
Concen: 38.787 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.5	32.0	48.0	
164	32.5	26.1	39.1	

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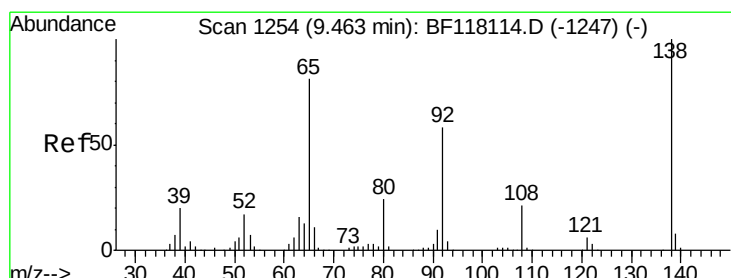
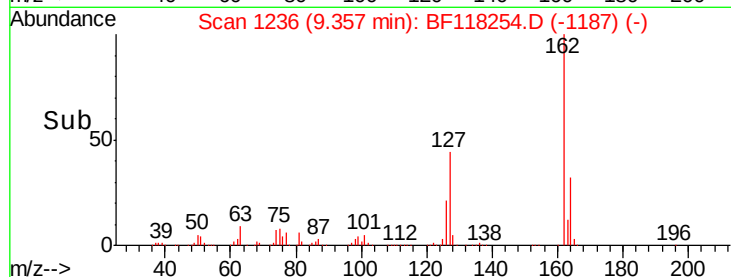
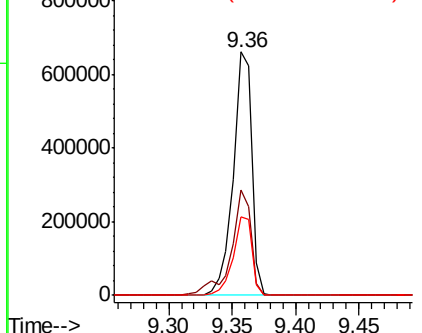


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.182 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

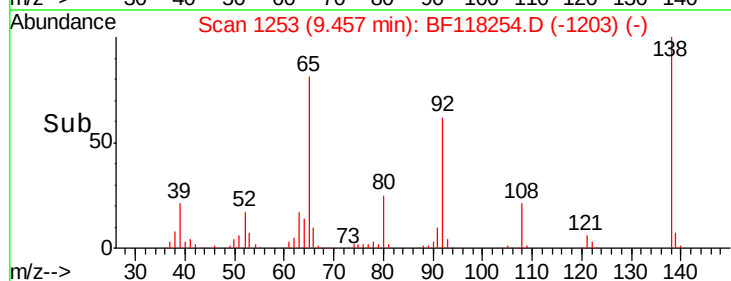
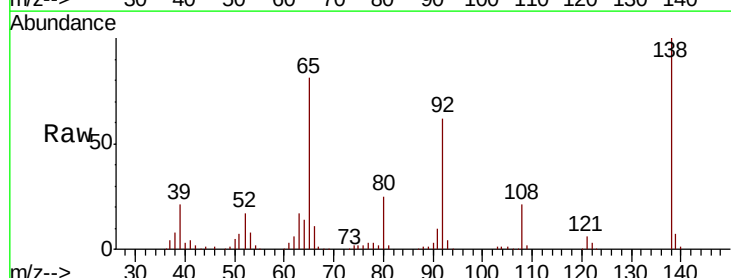
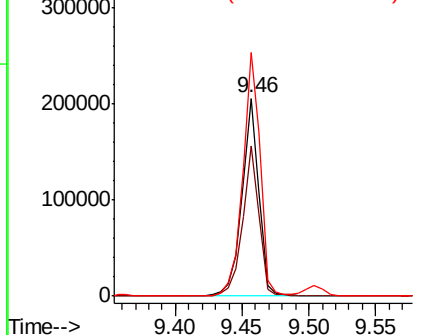
Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	75.9	57.8	86.6	
138	122.9	98.8	148.2	

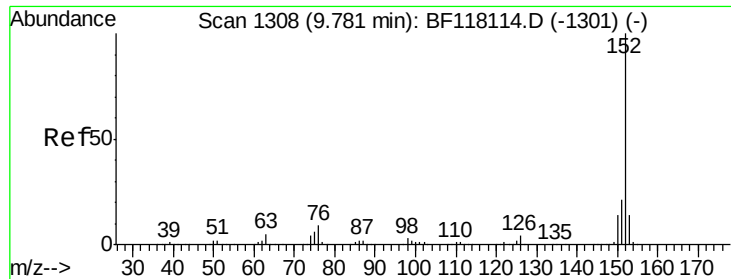
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





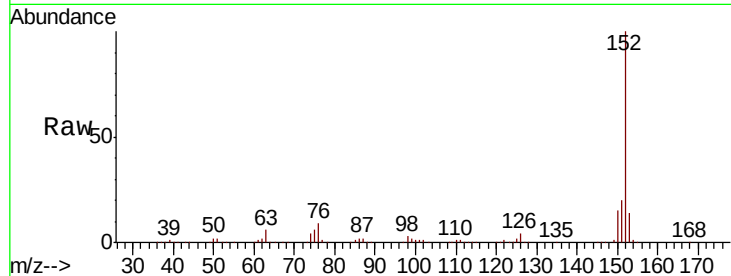
#49
Acenaphthylene
Concen: 41.394 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

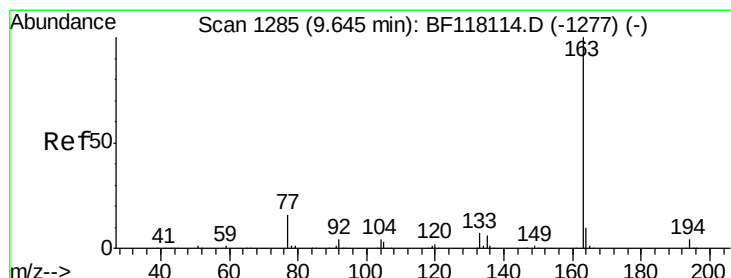
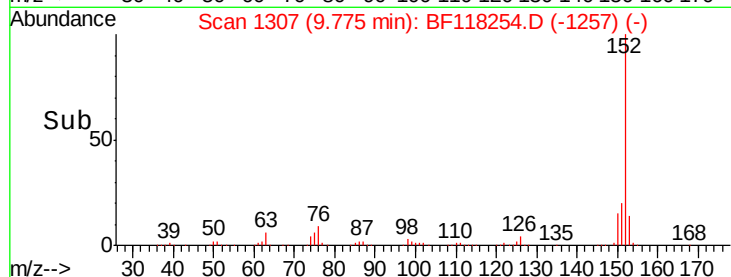
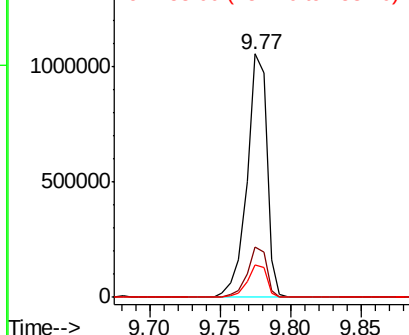
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.5	10.8	16.2

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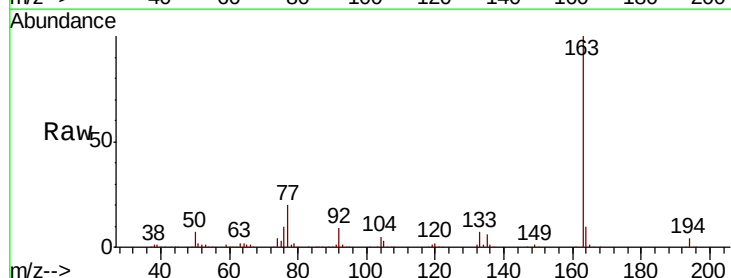


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

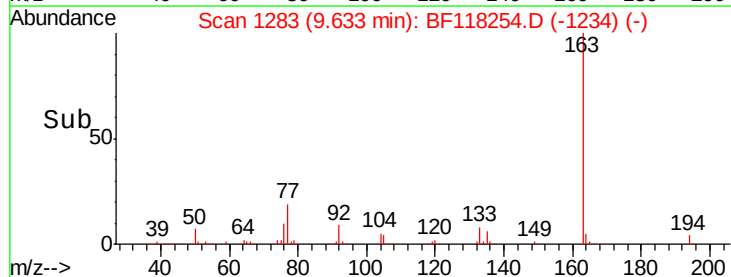
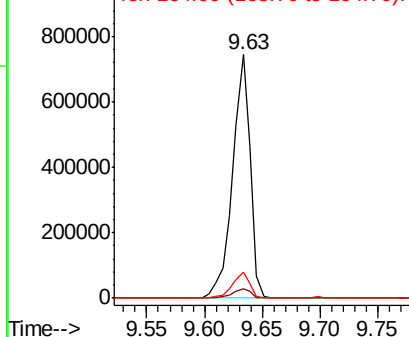


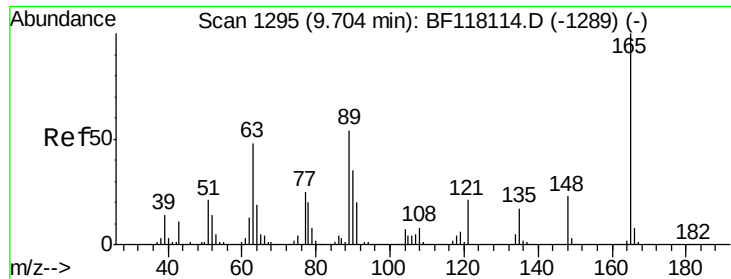
#50
Dimethylphthalate
Concen: 39.232 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	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





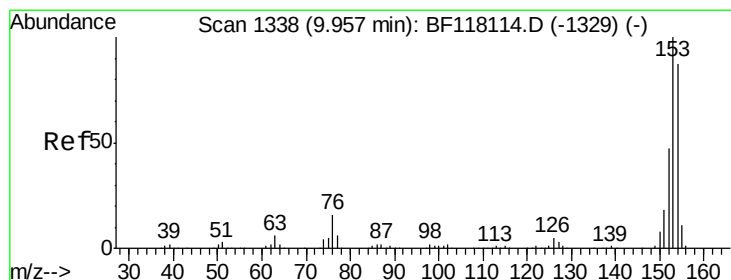
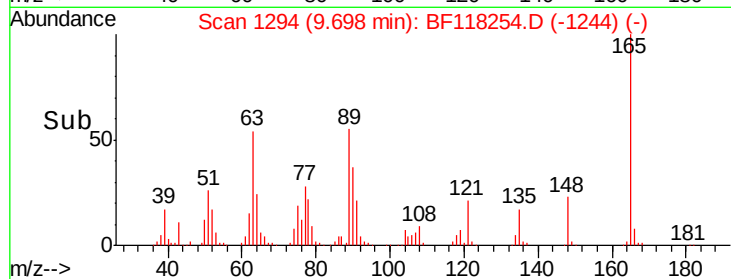
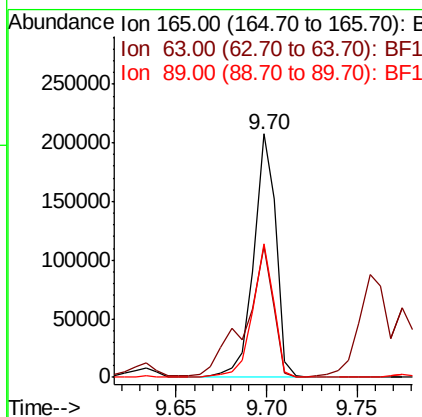
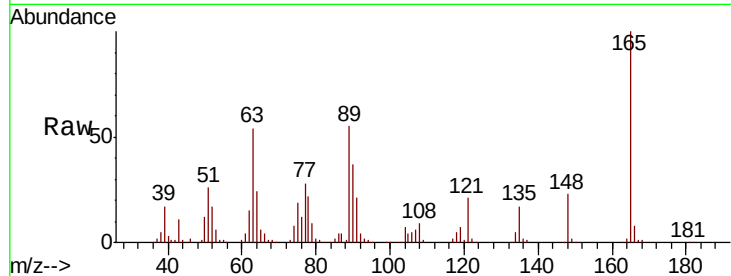
#51
 2,6-Dinitrotoluene
 Concen: 40.610 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB125538BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	54.0	41.4	62.0
89	55.0	42.9	64.3

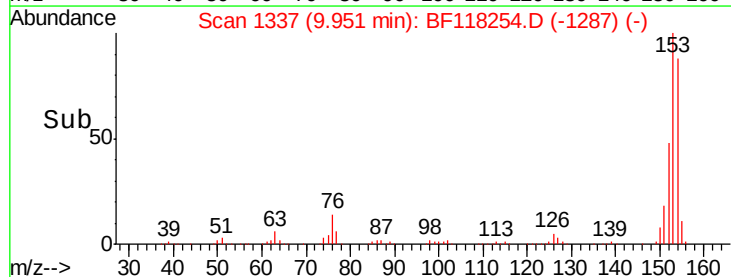
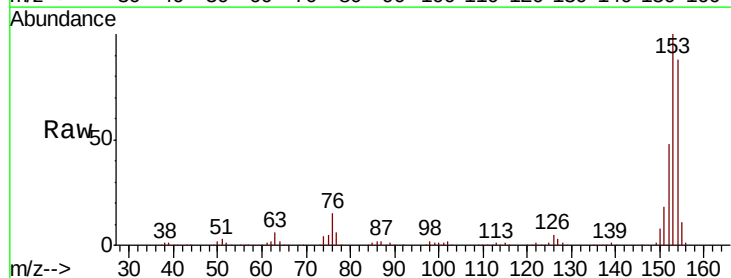
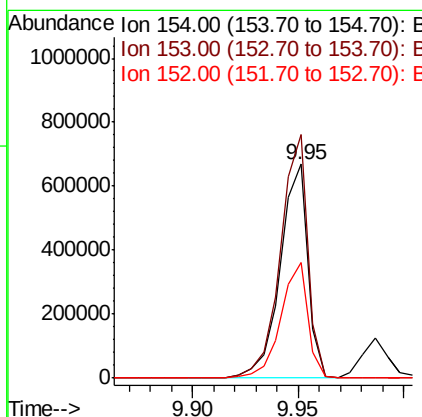
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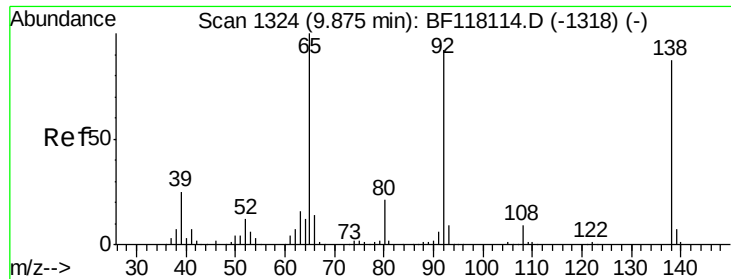
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#52
 Acenaphthene
 Concen: 39.636 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.8	91.8	137.6
152	54.1	43.3	64.9





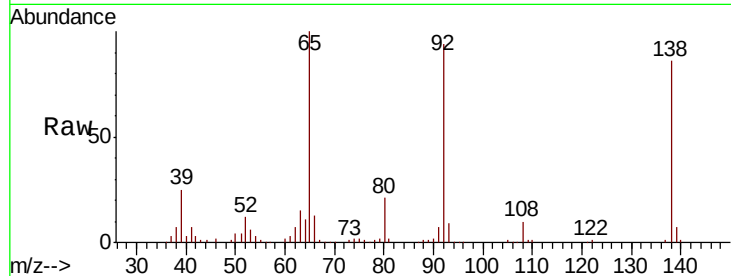
#53
3-Nitroaniline
Concen: 22.496 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

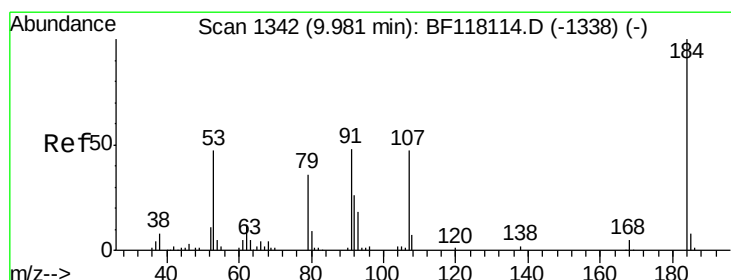
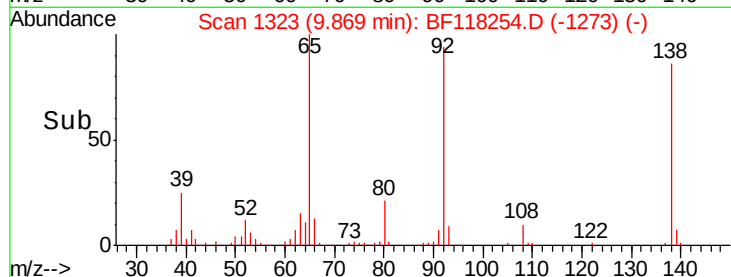
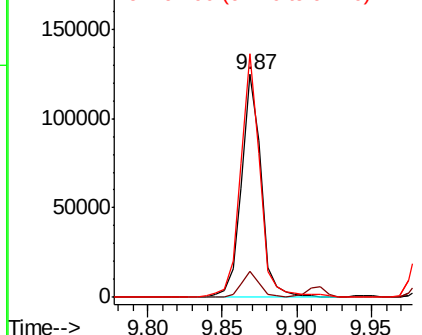
Tot Ion	Ratio	Resp	Lower	Upper
138	100	114835		
108	11.7	8.2	12.4	
92	109.4	84.9	127.3	

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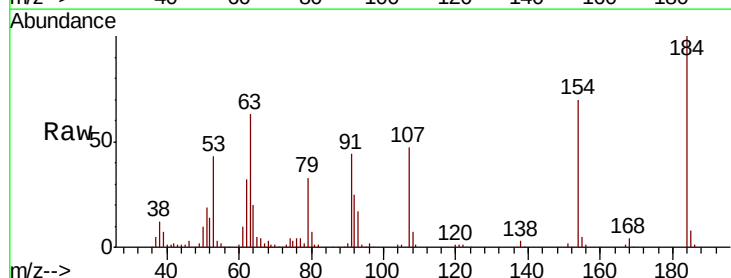


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

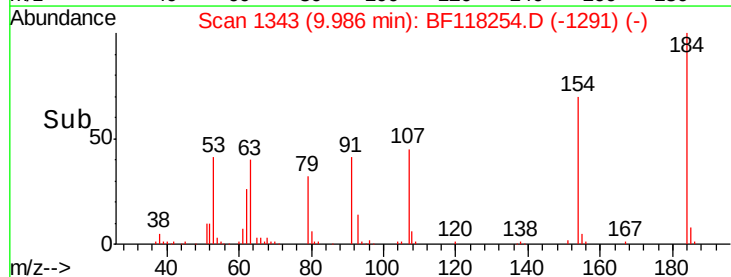
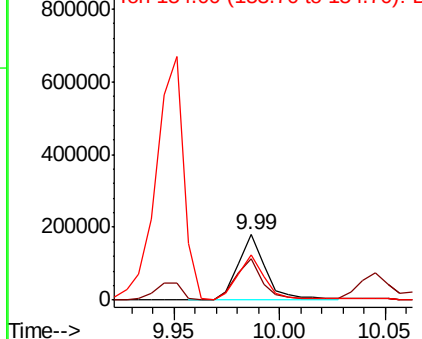


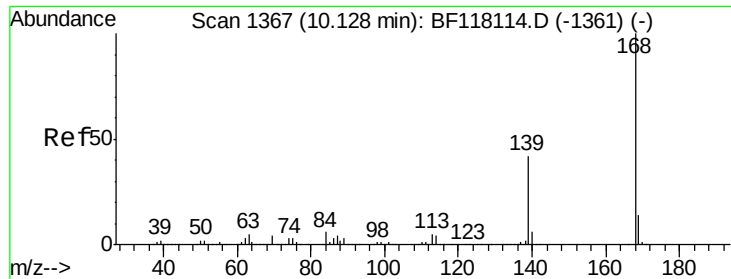
#54
2,4-Dinitrophenol
Concen: 75.988 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	163981		
63	63.4	53.9	80.9	
154	69.8	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





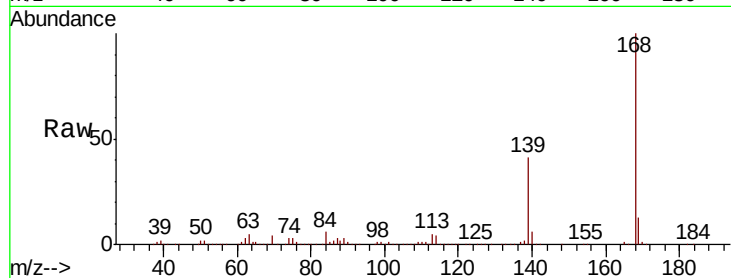
#55
Dibenzenofuran
Concen: 40.918 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	924786		
139	41.4		33.4	50.0
169	13.4		11.0	16.6

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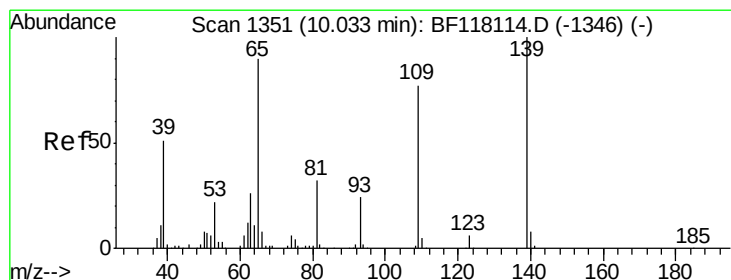
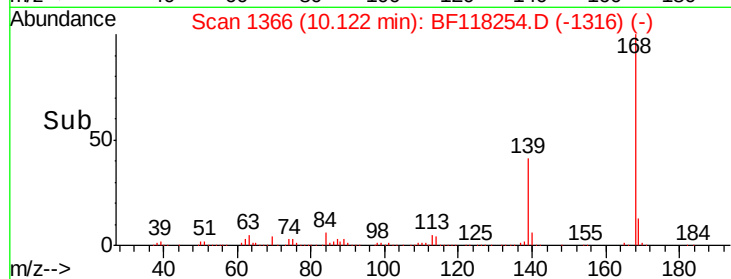
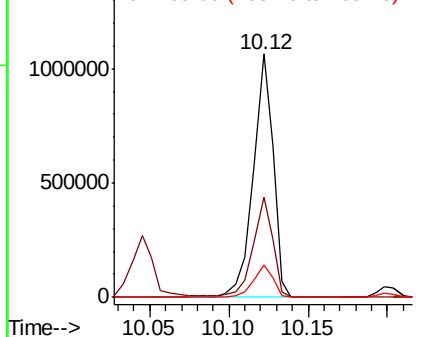


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 74.821 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

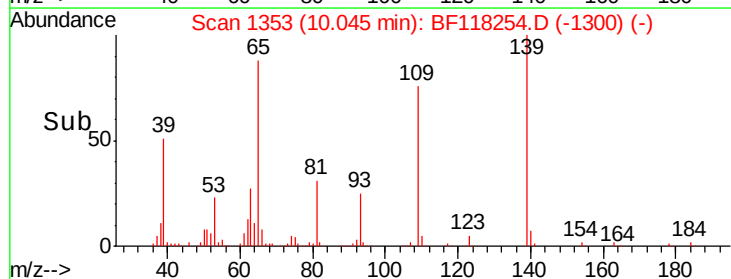
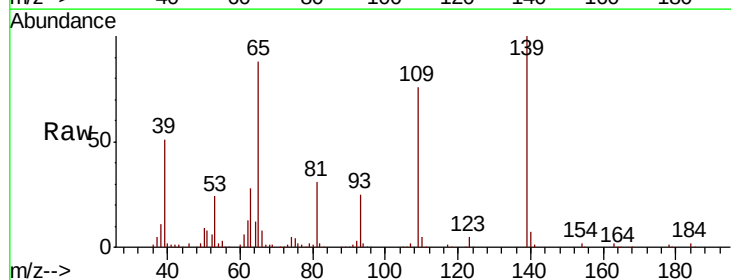
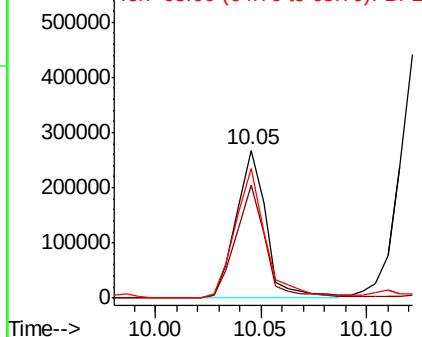
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	265058		
109	76.3		57.3	97.3
65	87.7		70.2	110.2

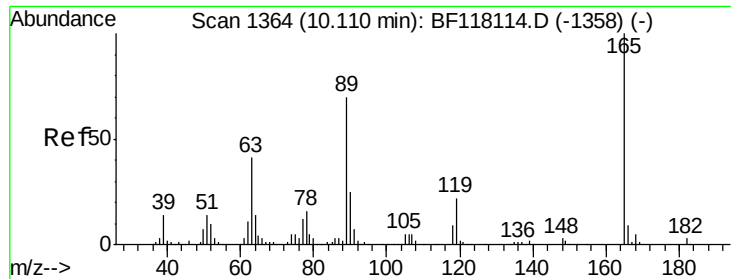
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





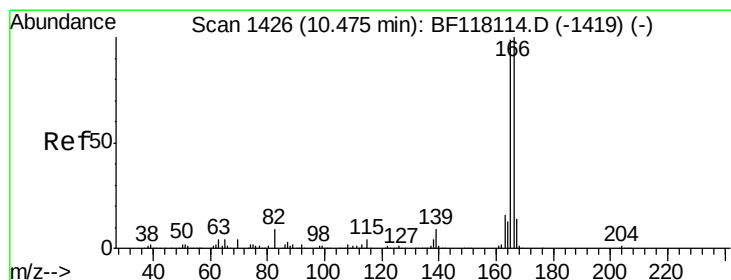
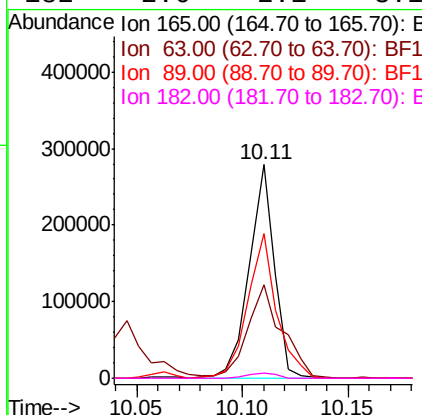
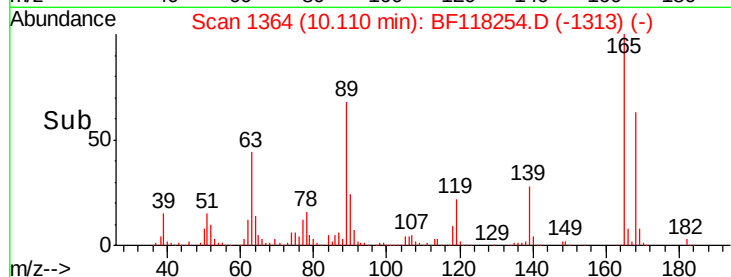
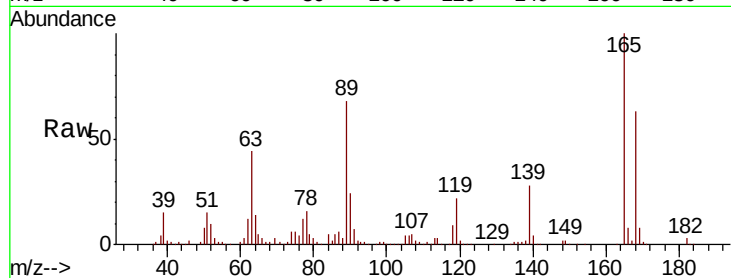
#57
2,4-Dinitrotoluene
Concen: 40.039 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	231803		
63	43.6		32.6	49.0
89	67.9		56.1	84.1
182	2.6		2.1	3.1

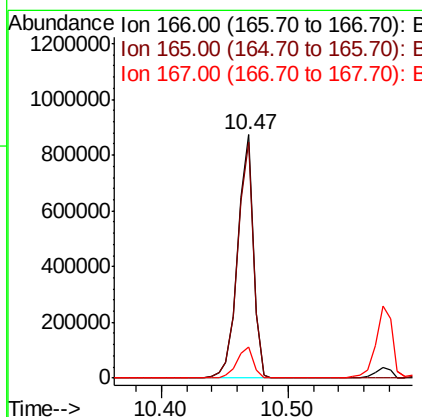
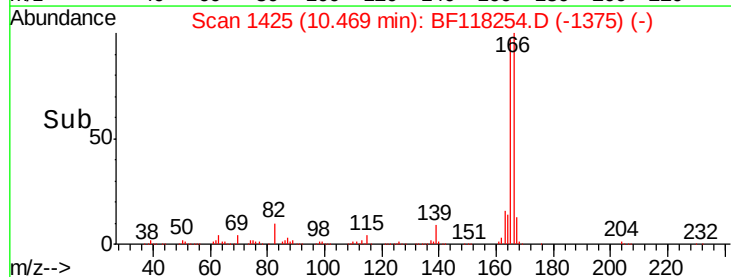
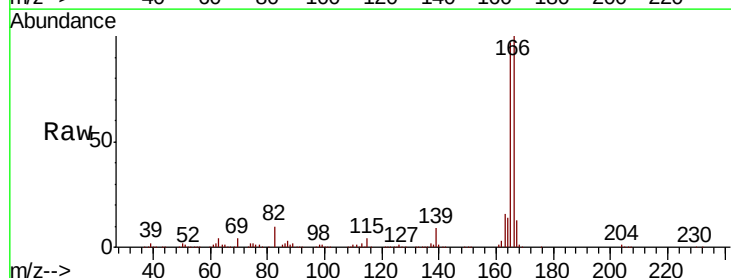
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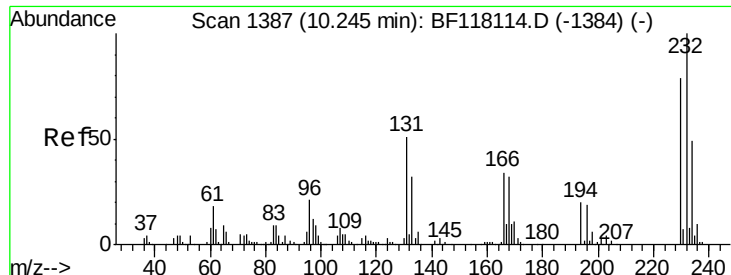
mohammad
12/19/2019 11:16:40 AM



#58
Fluorene
Concen: 40.995 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	736308		
165	97.0		79.0	118.4
167	13.0		10.9	16.3





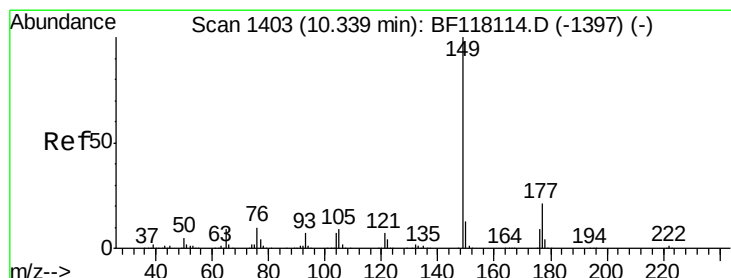
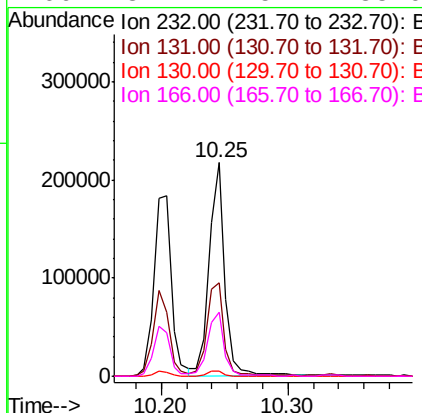
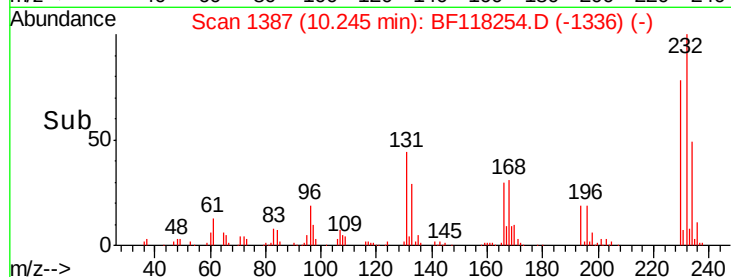
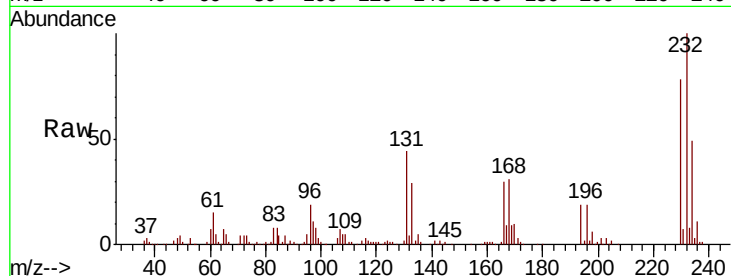
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.565 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB125538BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	189397		
131	47.8		38.8	58.2
130	2.4		1.9	2.9
166	31.2		25.4	38.0

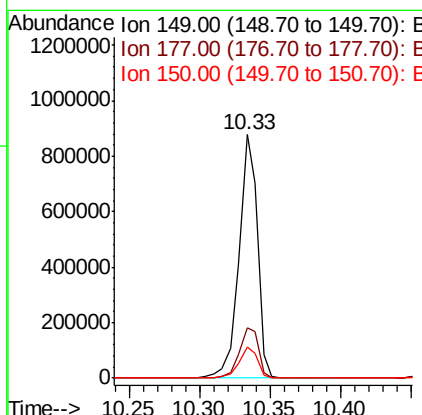
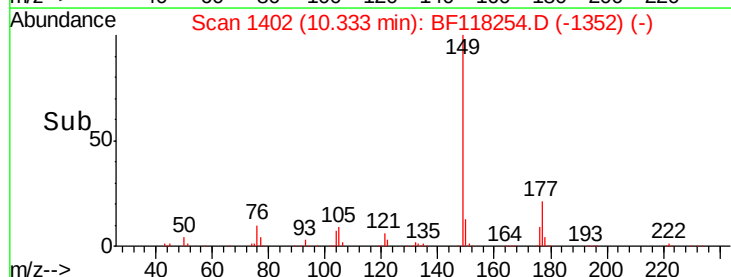
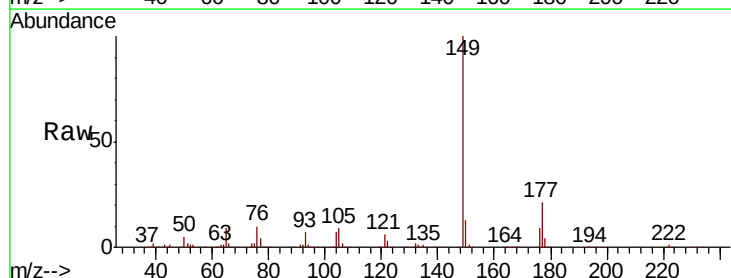
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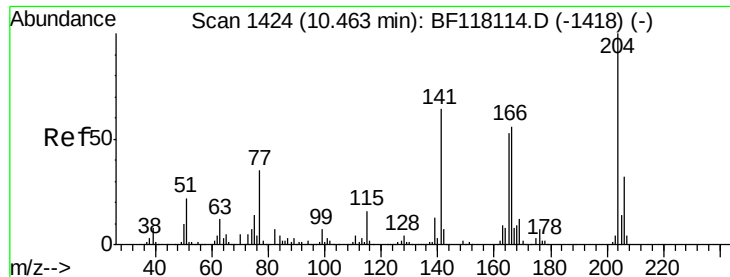
mohammad
 12/19/2019 11:16:40 AM



#60
 Diethylphthalate
 Concen: 40.167 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.01 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	789428		
177	20.9		17.0	25.4
150	12.6		10.1	15.1





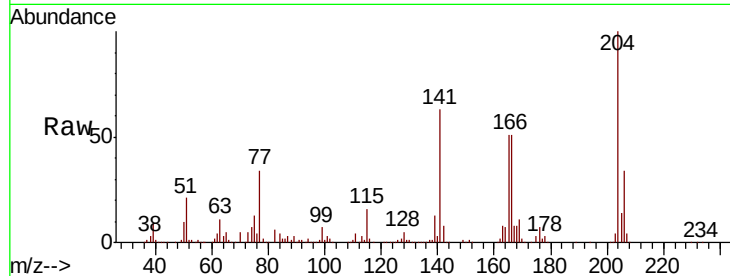
#61
4-Chlorophenyl-phenylether
Concen: 40.629 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.0	39.0
141	62.6	51.0	76.6

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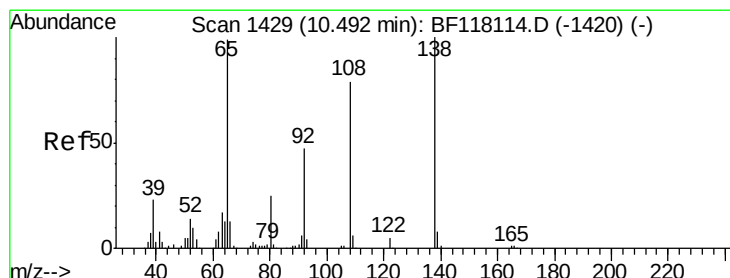
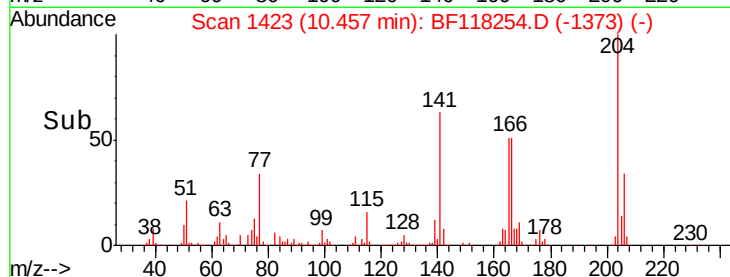
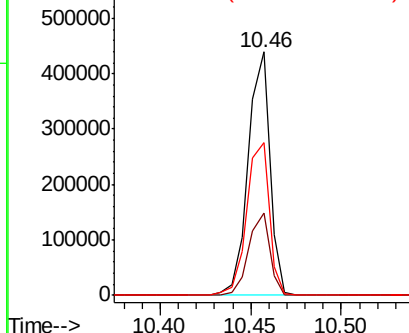


Abundance

Ion 204.00 (203.70 to 204.70): E

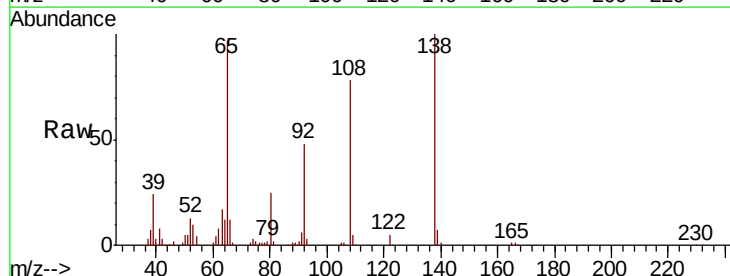
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.110 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.7	27.1	67.1
108	78.1	59.0	99.0

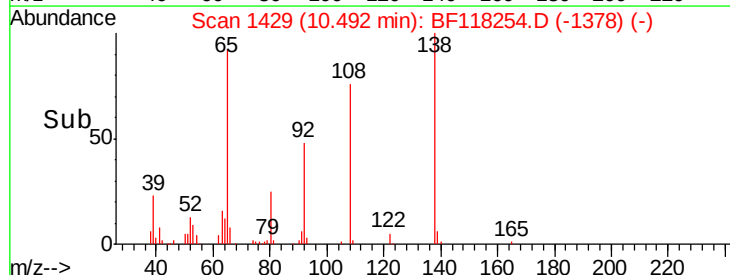
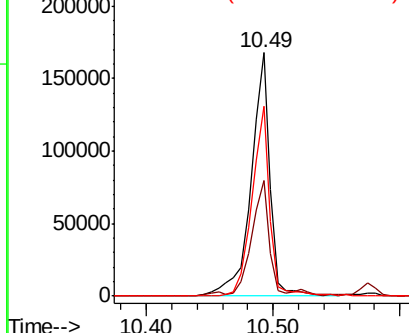


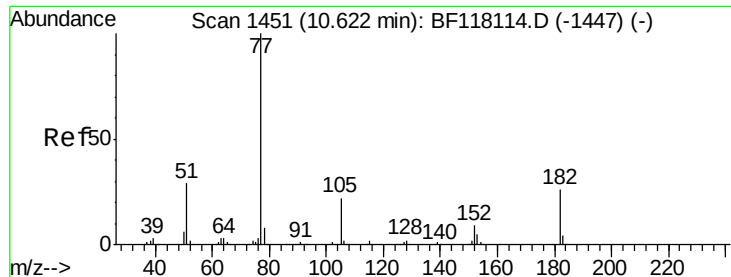
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





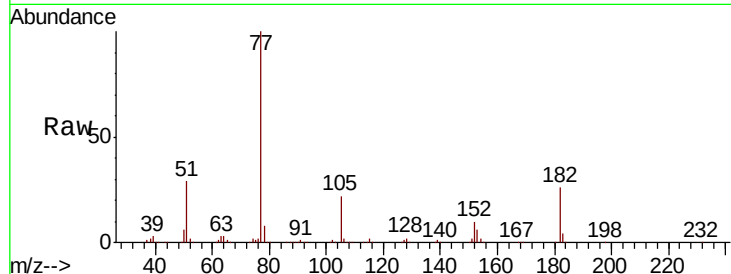
#63
Azobenzene
Concen: 40.891 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

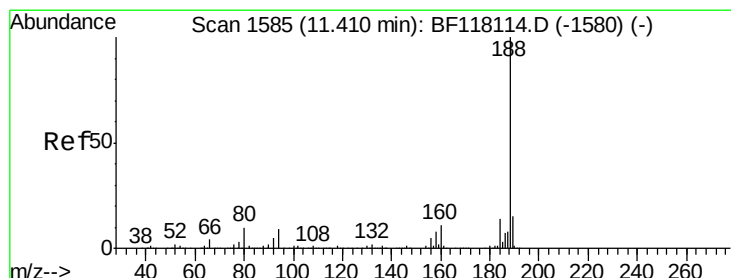
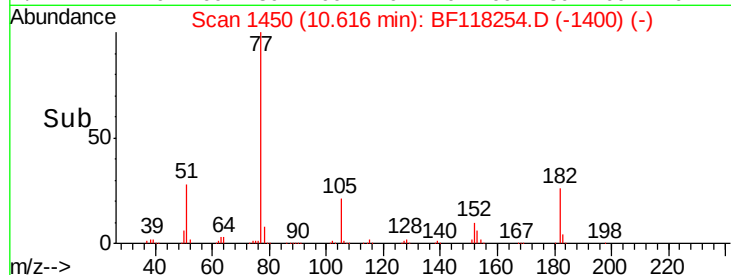
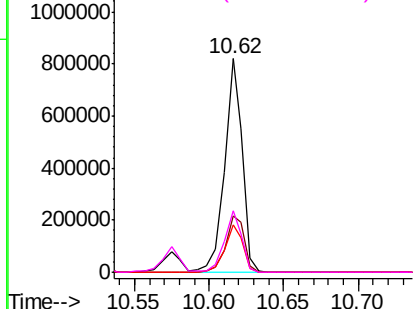
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	5.7	45.7
105	22.2	2.2	42.2
51	28.6	9.6	49.6

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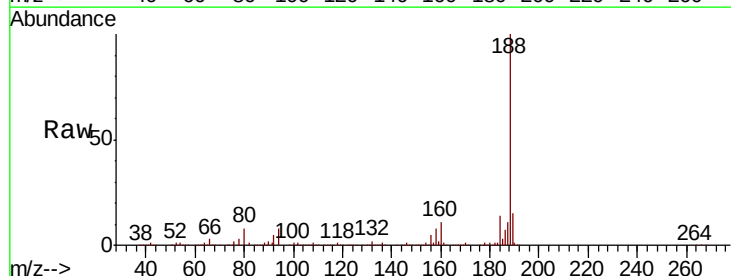


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

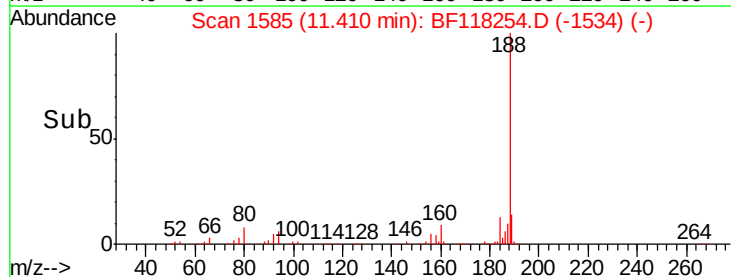
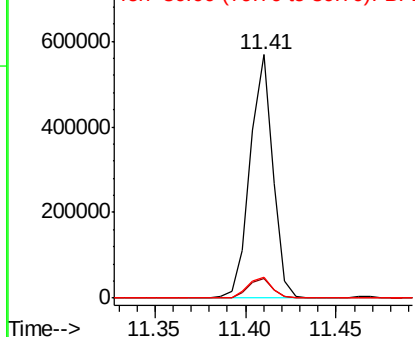


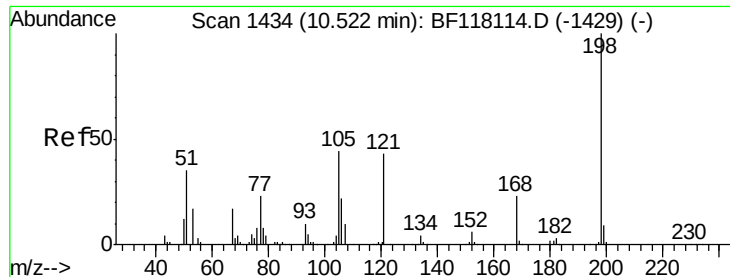
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.1	10.7
80	8.4	7.9	11.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





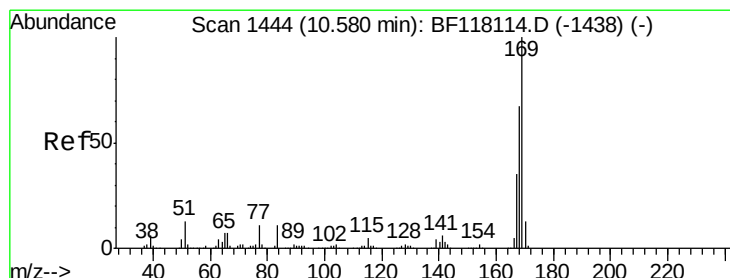
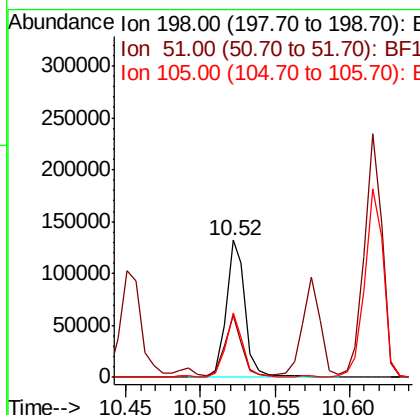
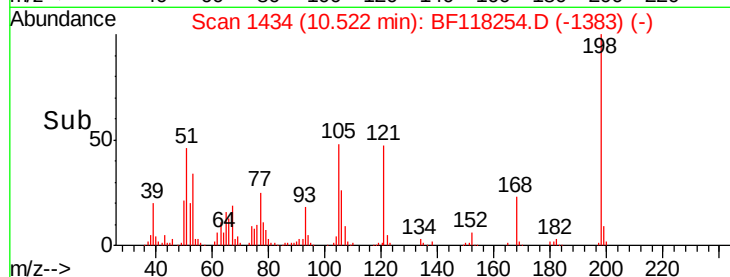
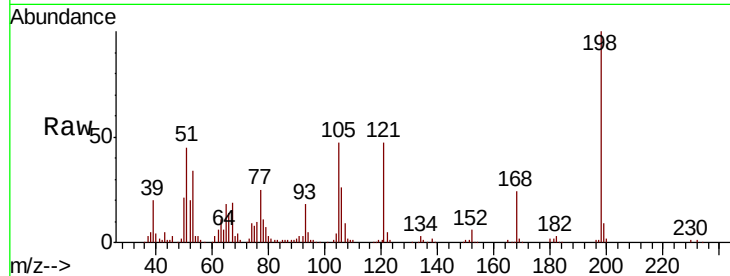
#65
4,6-Dinitro-2-methylphenol
Concen: 43.590 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampled :
PB125538BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	119879		
51	45.4	22.0	62.0	
105	47.4	25.6	65.6	

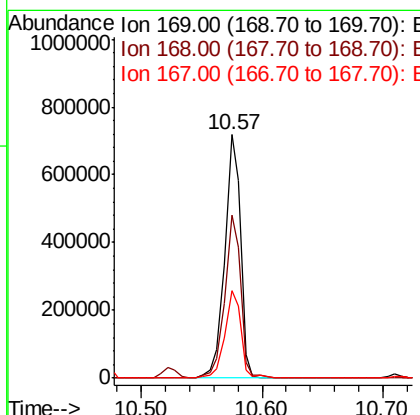
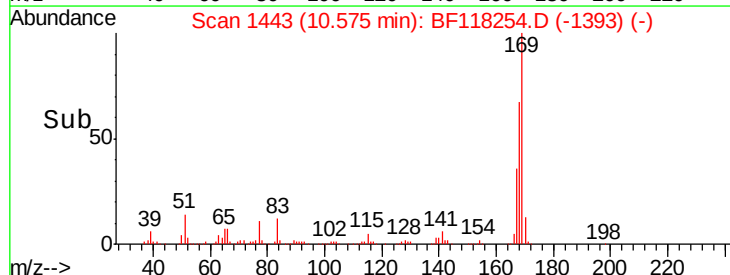
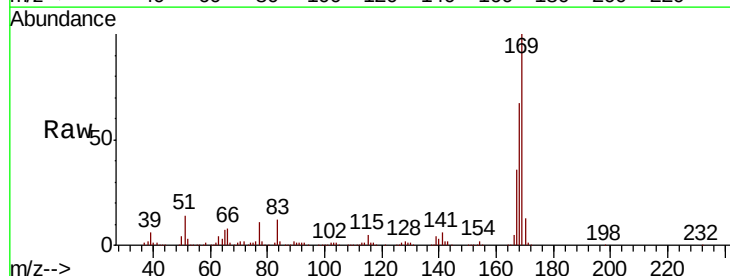
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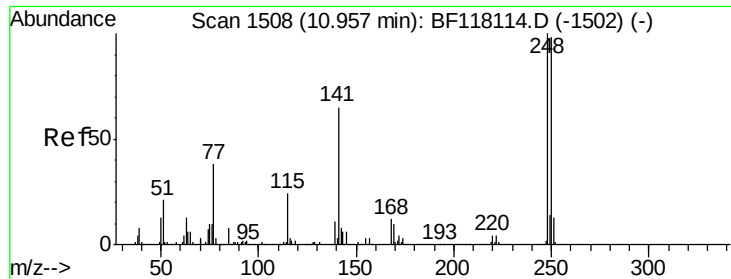
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 41.635 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	647484		
168	67.0	53.4	80.2	
167	35.8	28.4	42.6	





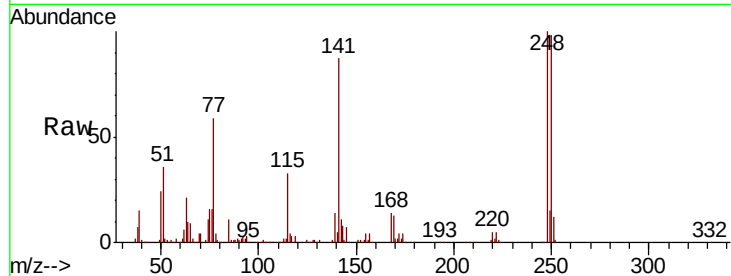
#67
4-Bromophenyl-phenylether
Concen: 40.224 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

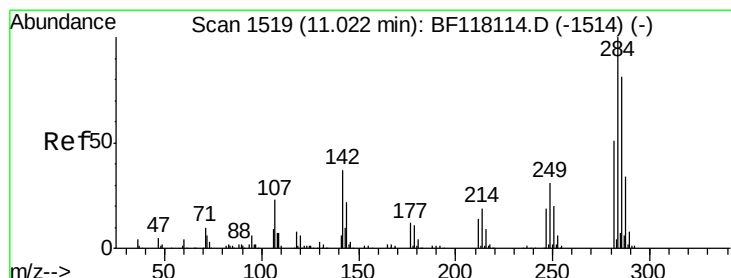
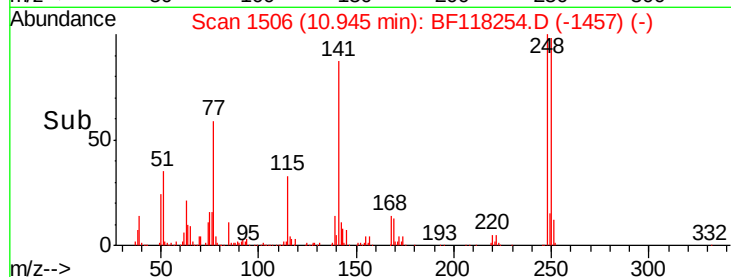
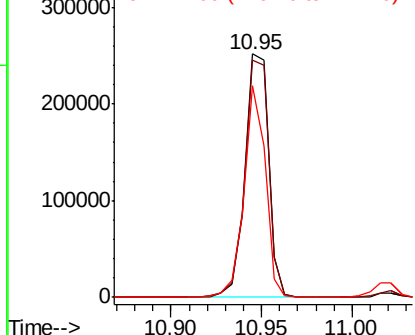
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	78.3	117.5
141	87.1	52.2	78.4

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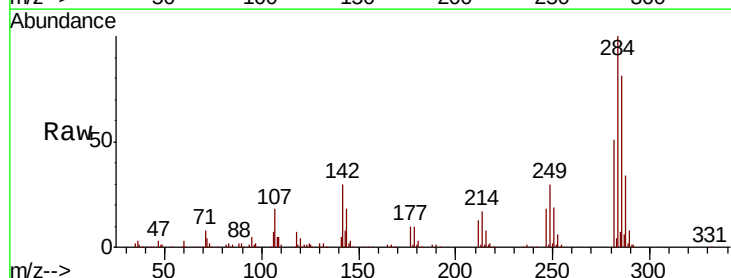


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

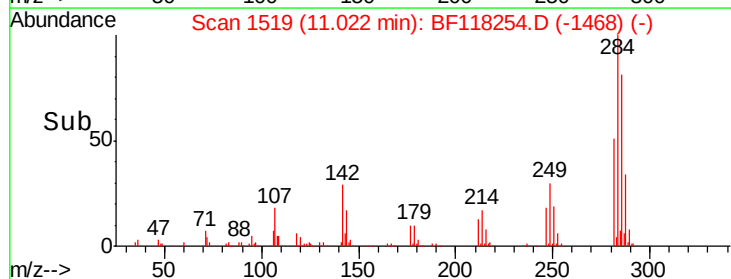
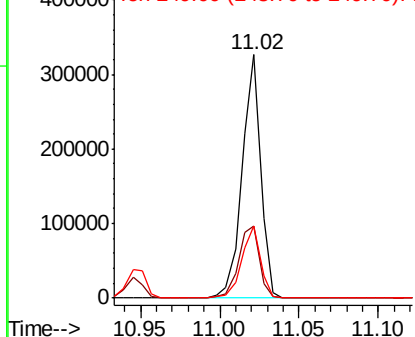


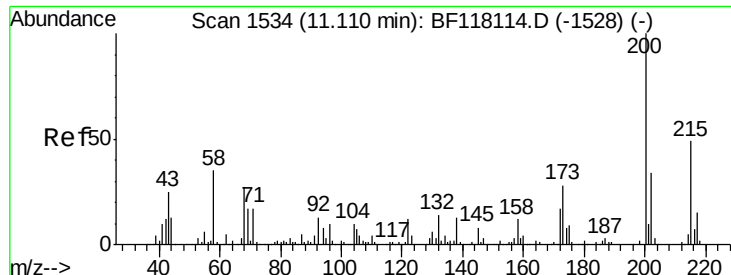
#68
Hexachlorobenzene
Concen: 39.485 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	29.7	44.5
249	29.8	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





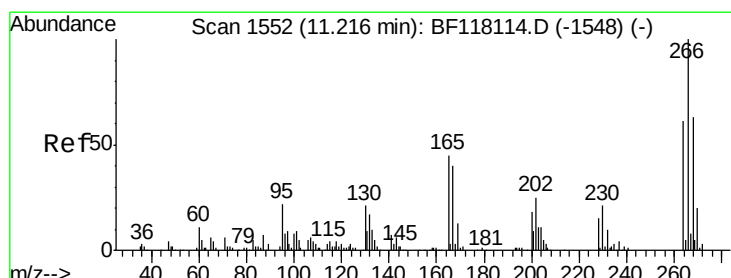
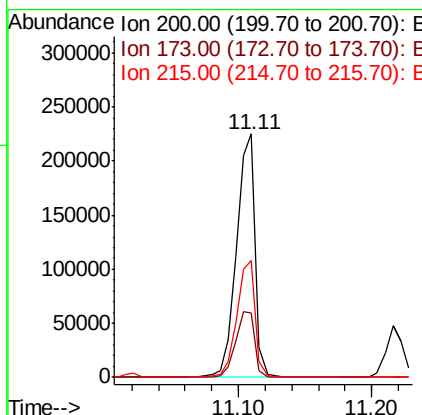
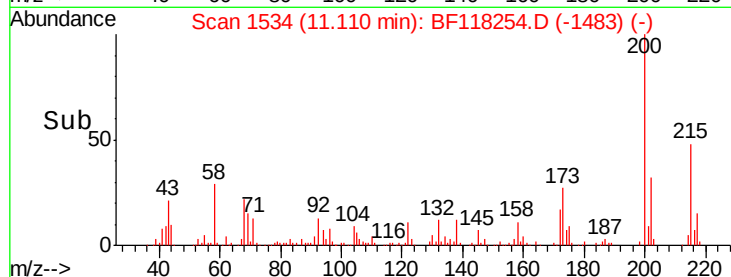
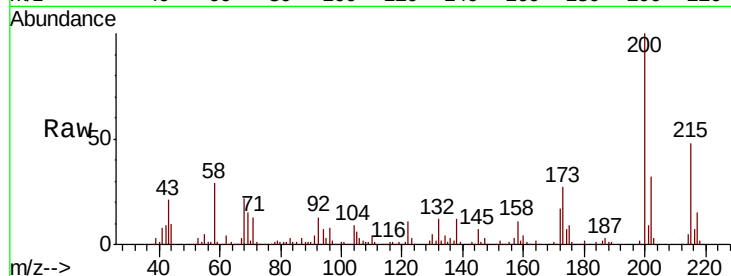
#69
Atrazine
Concen: 59.617 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	8.1	48.1
215	48.0	29.0	69.0

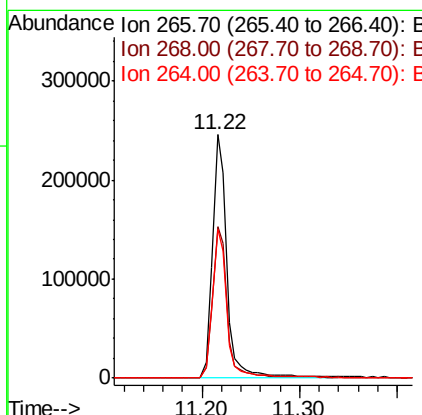
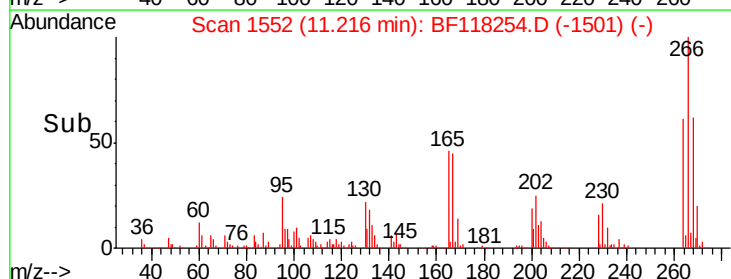
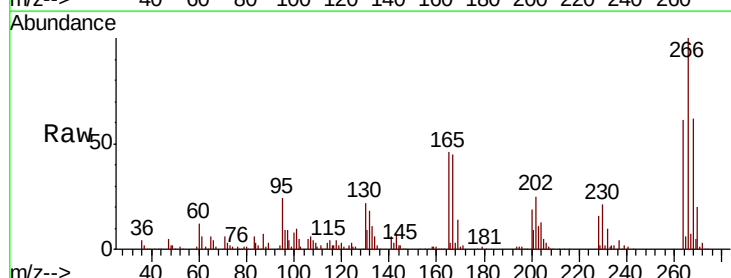
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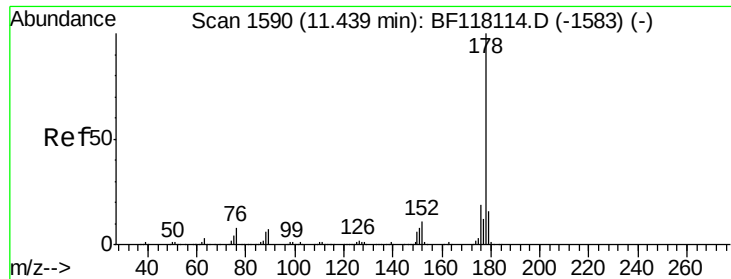
mohammad
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#70
Pentachlorophenol
Concen: 80.941 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.4	50.7	76.1
264	61.1	48.7	73.1





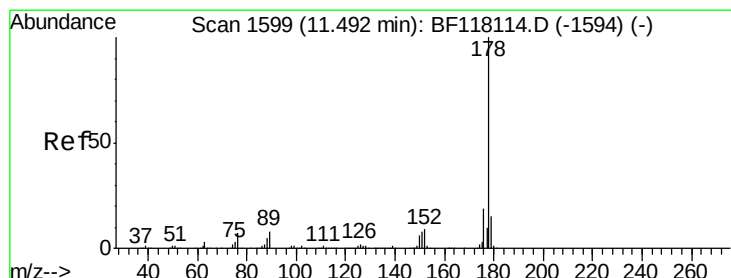
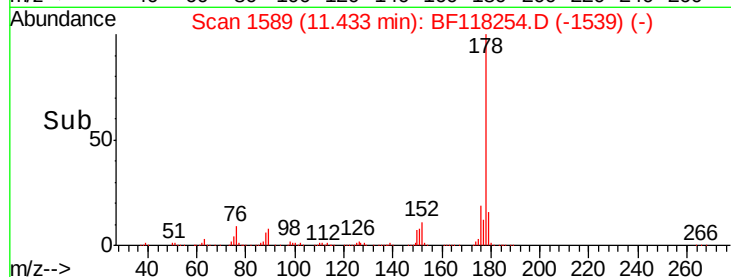
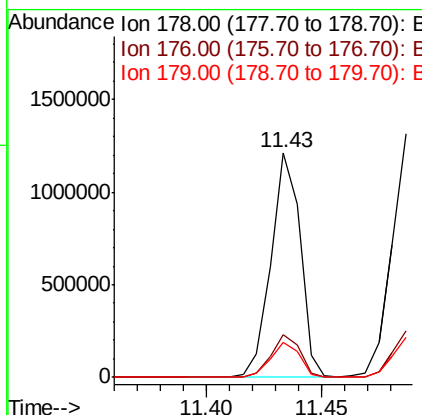
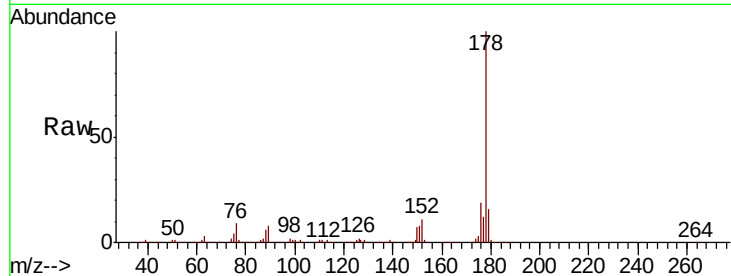
#71
Phenanthrene
Concen: 40.422 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion:178 Resp: 1070063
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.8 12.6 18.8

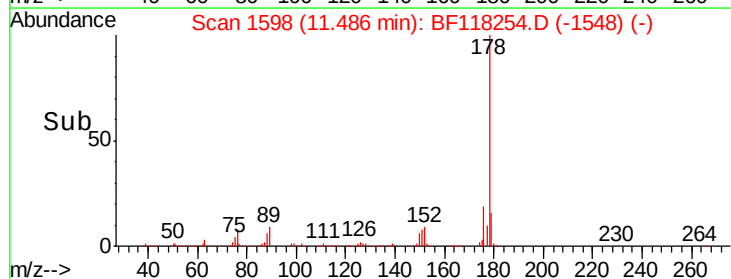
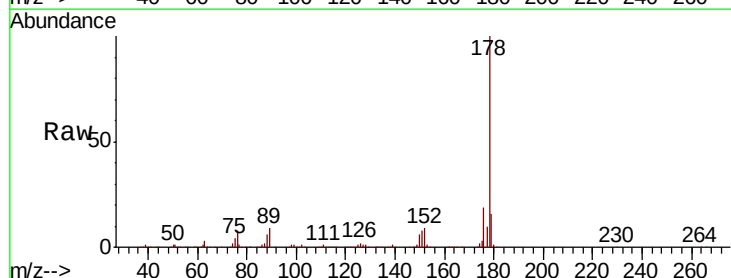
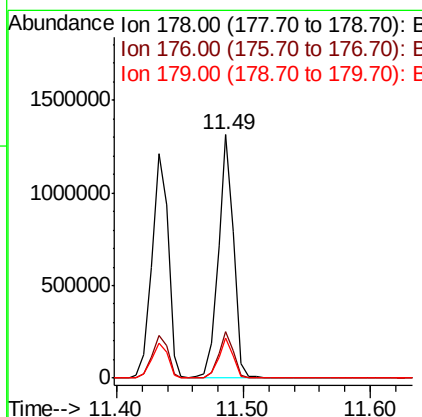
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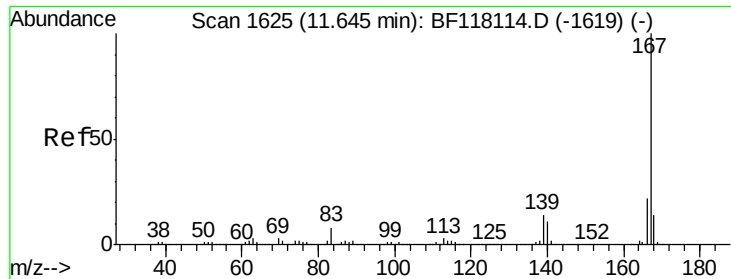
mohammad
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#72
Anthracene
Concen: 42.093 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion:178 Resp: 1111618
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 16.4 12.2 18.4





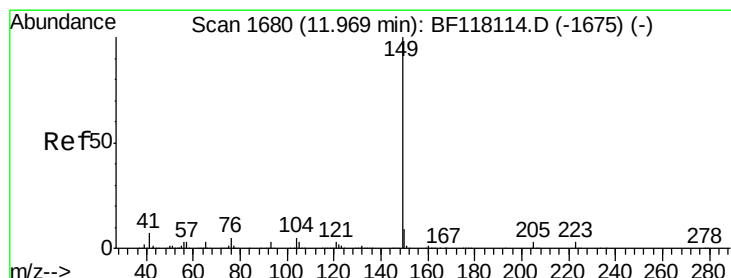
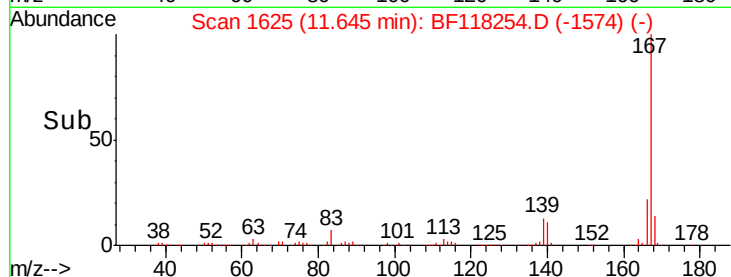
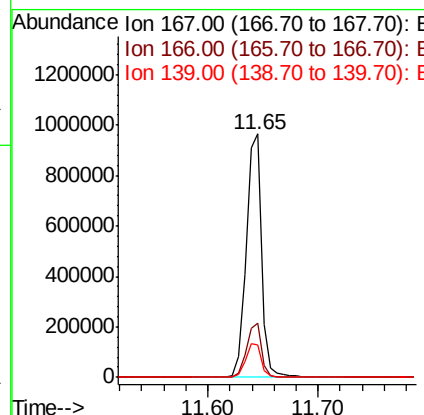
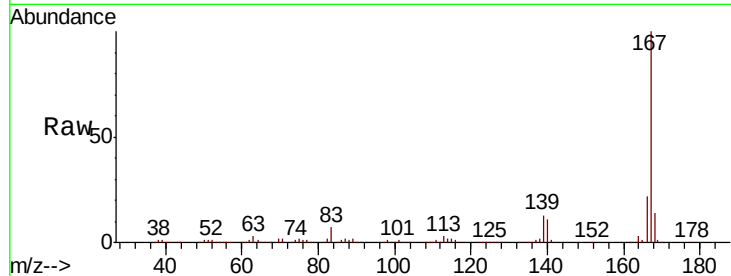
#73
 Carbazole
 Concen: 40.033 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB125538BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	13.3	11.4	17.0

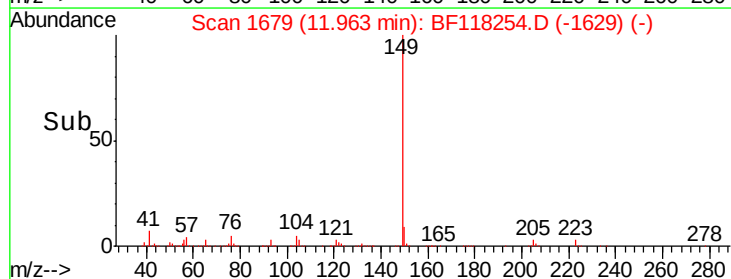
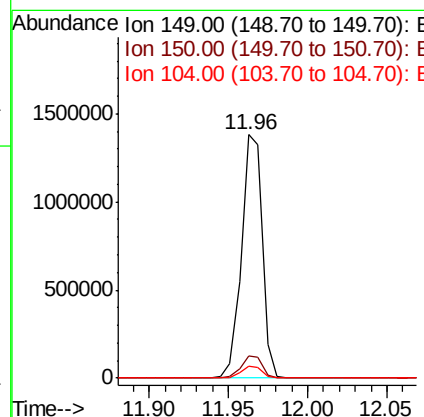
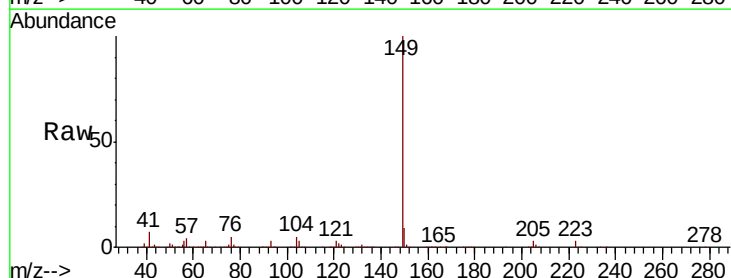
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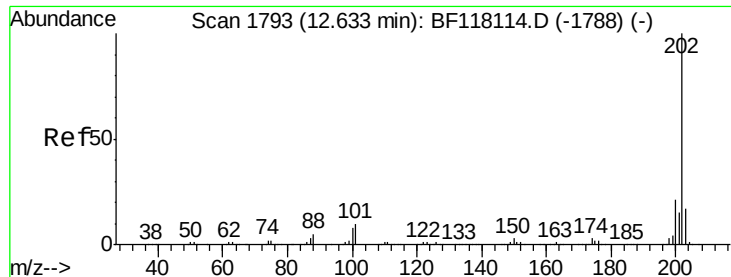
mohammad
 12/19/2019 11:16:40 AM



#74
 Di-n-butylphthalate
 Concen: 42.334 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.4	11.2
104	5.0	4.3	6.5





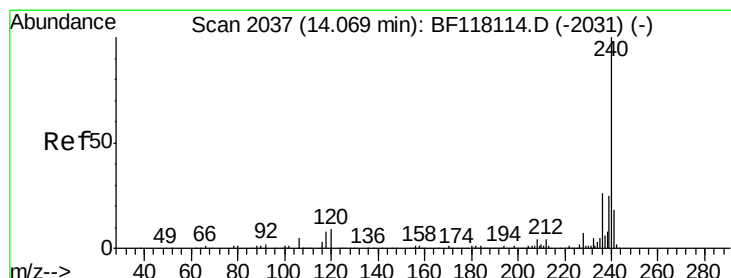
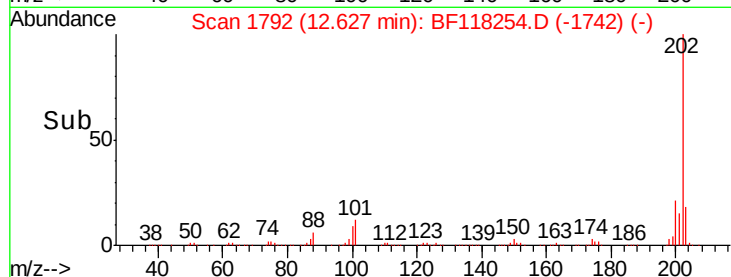
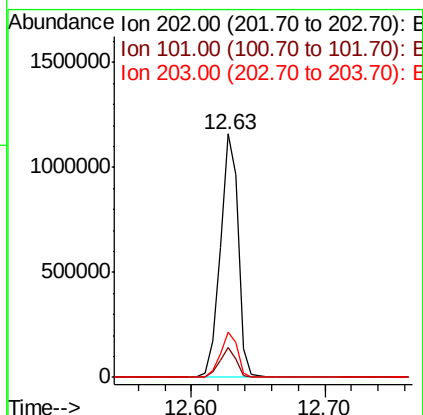
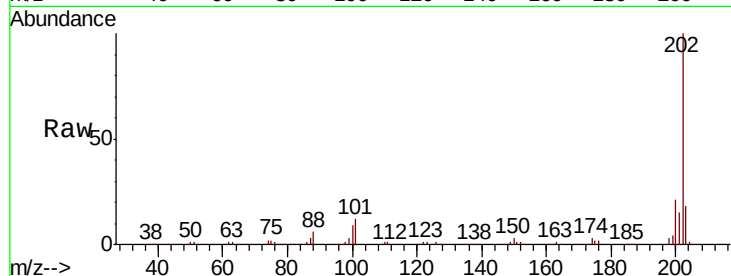
#75
 Fluoranthene
 Concen: 40.433 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB125538BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1094356		
101	12.1		0.0	30.4
203	18.3		0.0	37.2

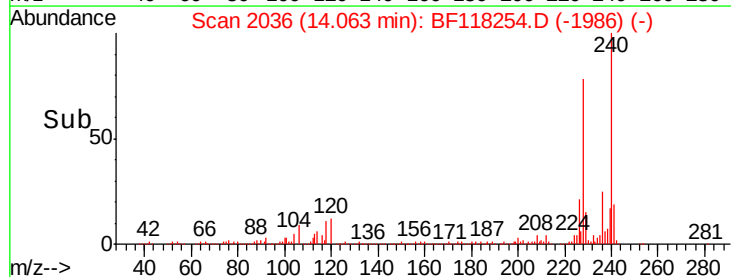
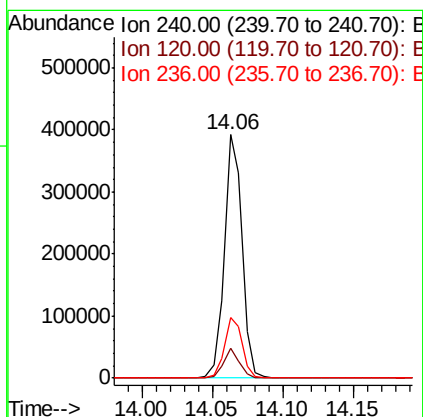
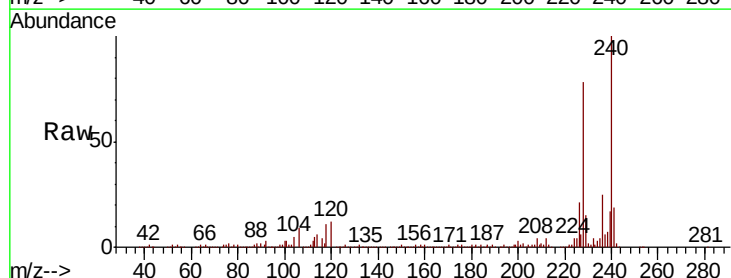
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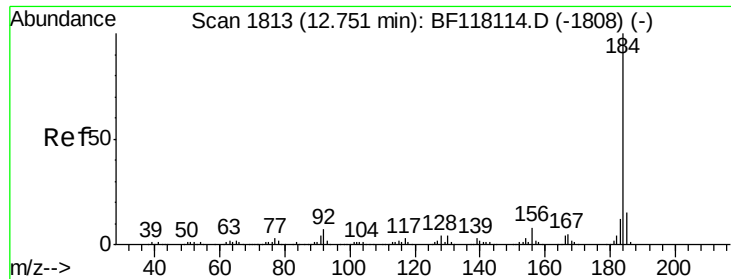
mohammad
 12/19/2019 11:16:40 AM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	340399		
120	12.5		7.1	10.7#
236	24.9		21.0	31.6





#77

Benzidine

Concen: 39.003 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Instrument :

BNA_F

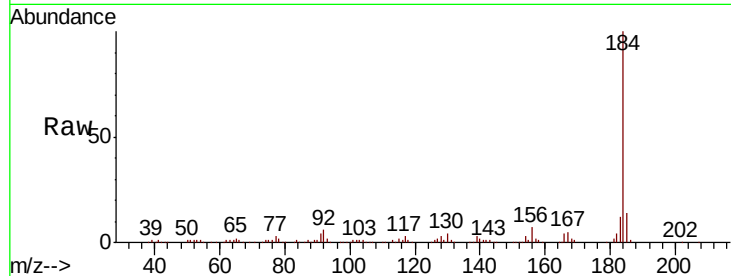
ClientSampleId :

PB125538BS

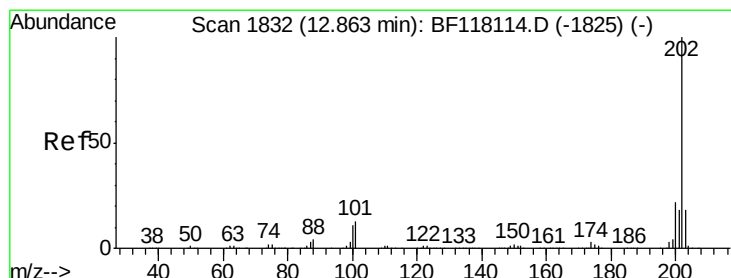
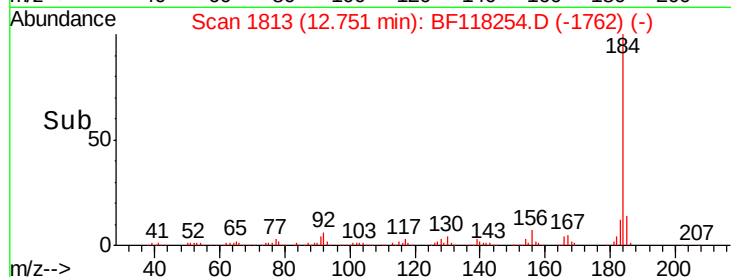
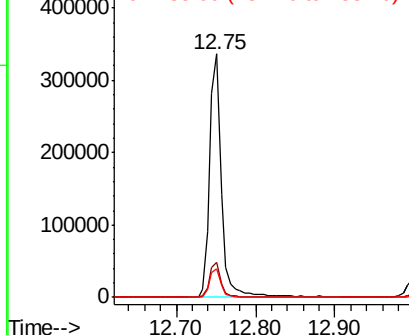
Tot Ion:	184	Resp:	349512
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.3	18.5
183	12.0	9.9	14.9

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.457 ng

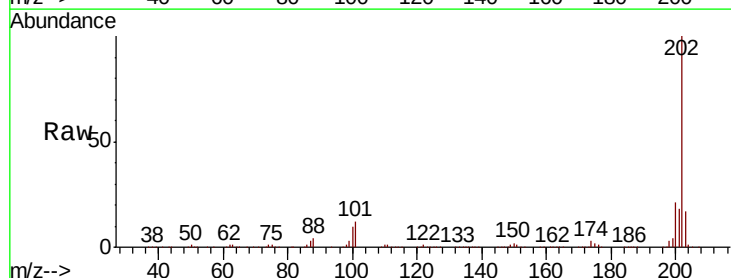
RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

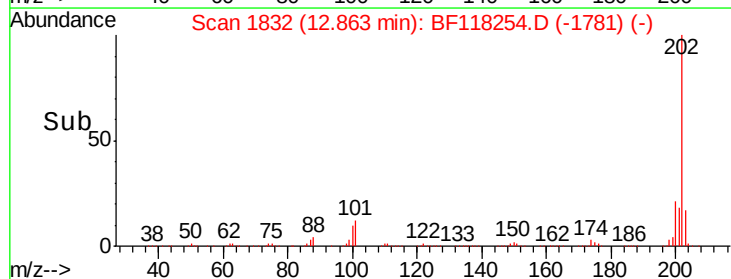
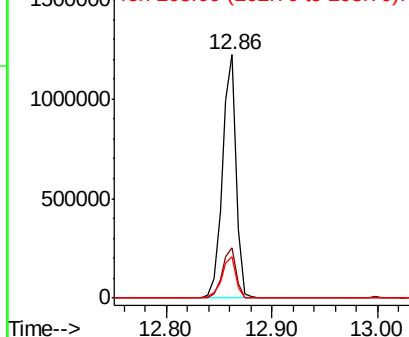
Lab File: BF118254.D

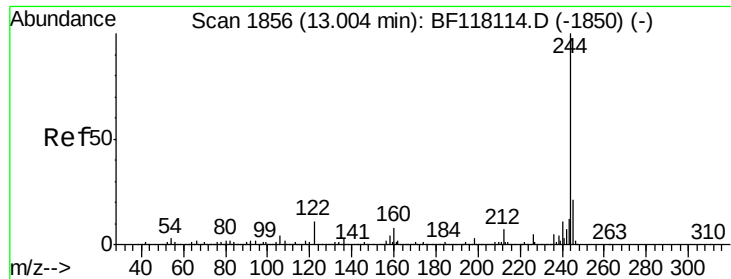
Acq: 18 Dec 2019 12:36

Tgt Ion:	202	Resp:	1112080
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.5	26.3
203	17.1	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





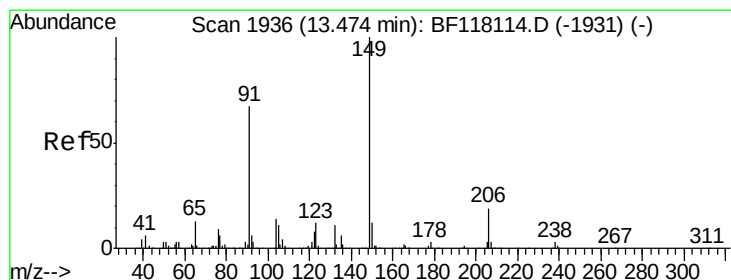
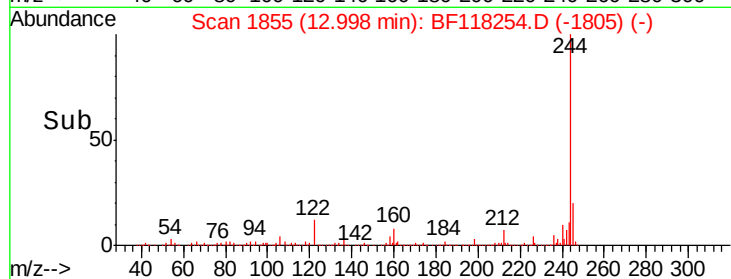
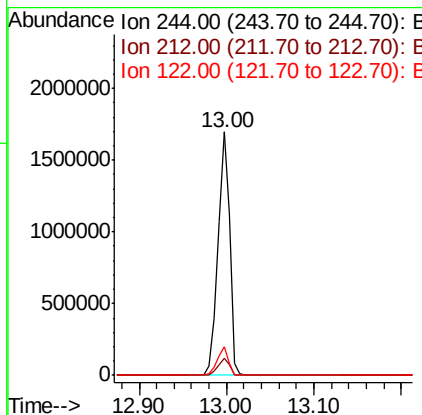
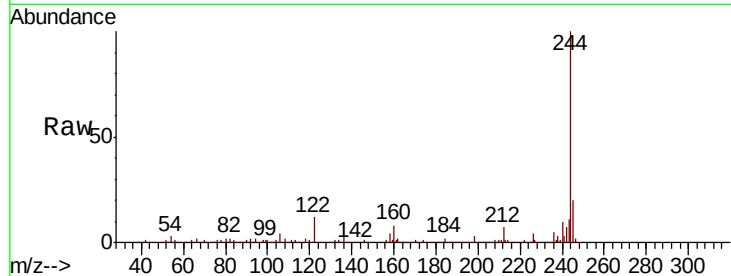
#79
 Terphenyl-d14
 Concen: 79.684 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Instrument :
 BNA_F
 ClientSampleId :
 PB125538BS

Tot Ion:244 Resp: 1577346
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.9 9.0 13.6

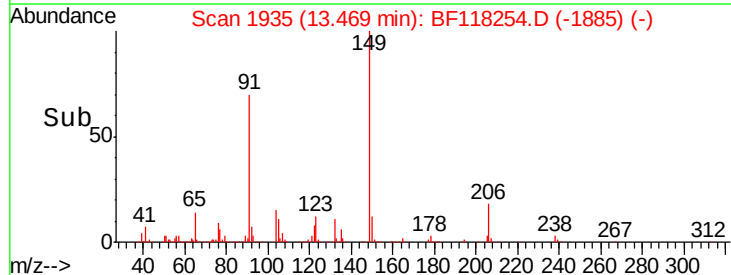
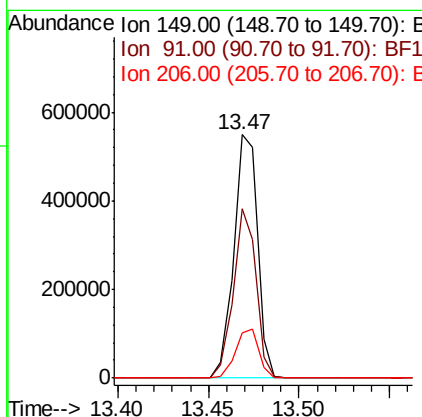
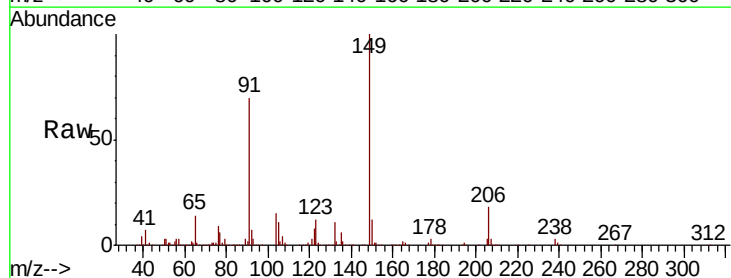
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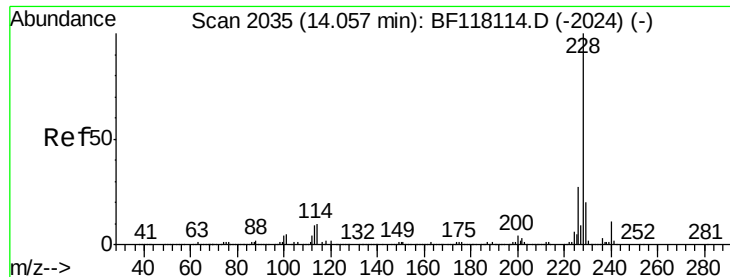
mohammad
 12/19/2019 11:16:40 AM



#80
 Butylbenzylphthalate
 Concen: 41.468 ng
 RT: 13.47 min Scan# 1935
 Delta R.T. -0.01 min
 Lab File: BF118254.D
 Acq: 18 Dec 2019 12:36

Tgt Ion:149 Resp: 503773
 Ion Ratio Lower Upper
 149 100
 91 69.7 53.9 80.9
 206 18.3 15.2 22.8





#81

Benzo(a)anthracene

Concen: 39.366 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Instrument :

BNA_F

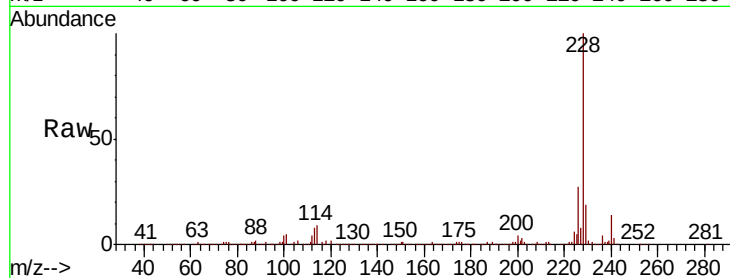
ClientSampleId :

PB125538BS

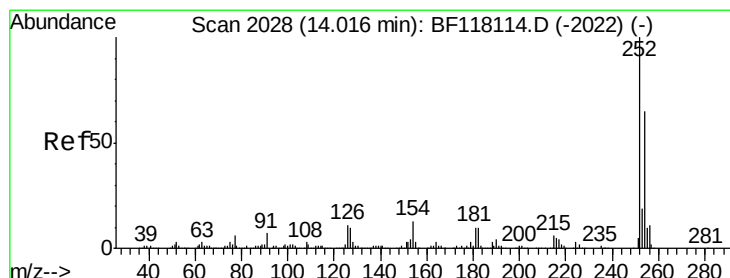
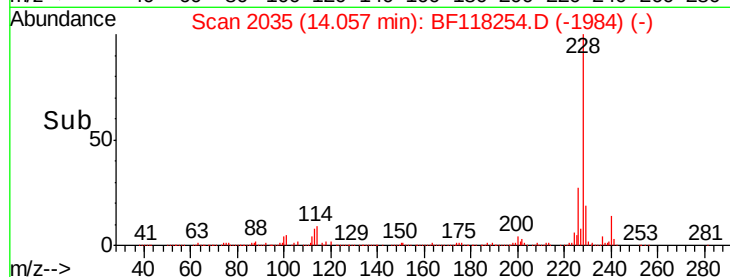
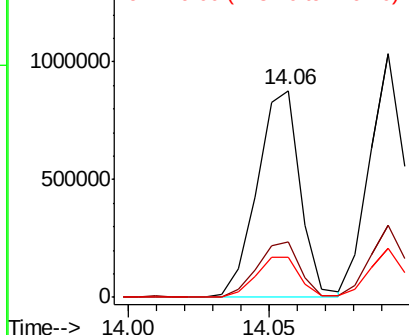
Tot Ion:	228	Resp:	926572
Ion Ratio	Lower	Upper	
228	100		
226	26.9	21.8	32.8
229	19.5	15.8	23.8

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.178 ng

RT: 14.01 min Scan# 2027

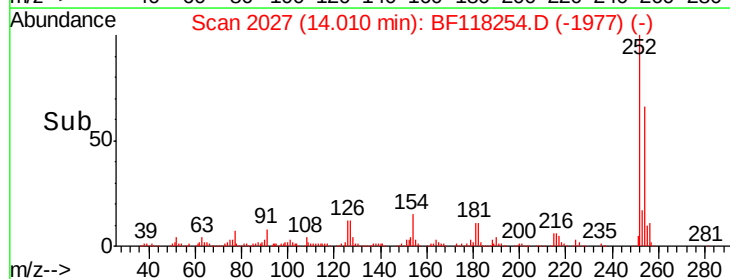
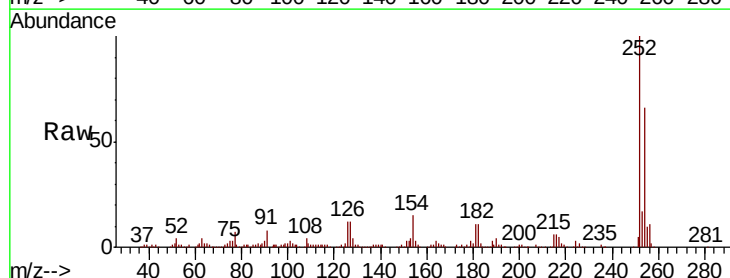
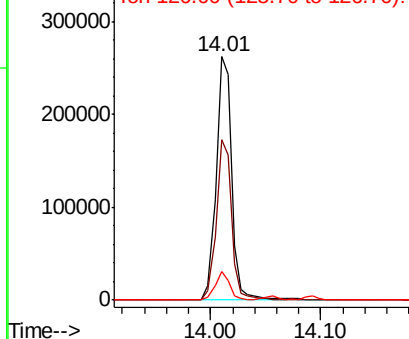
Delta R.T. -0.01 min

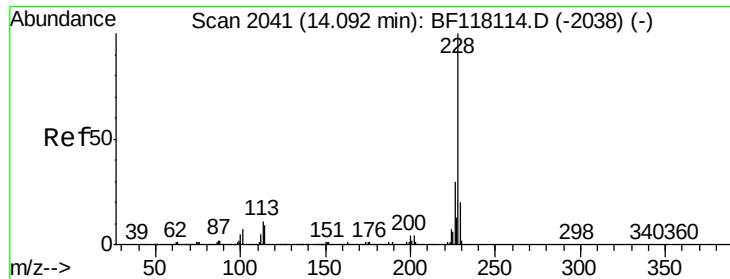
Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Tgt Ion:	252	Resp:	256471
Ion Ratio	Lower	Upper	
252	100		
254	66.1	52.2	78.4
126	11.8	8.6	13.0

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





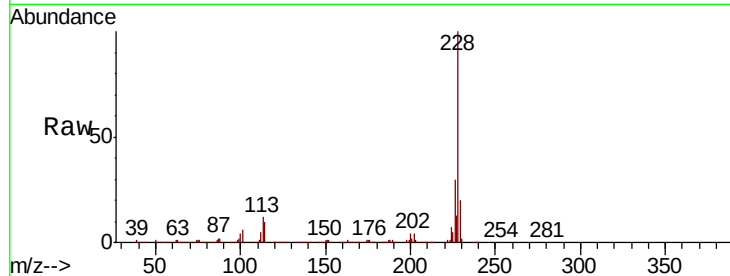
#83
Chrysene
Concen: 38.655 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	869098		
226	29.5		23.8	35.8
229	19.9		15.7	23.5

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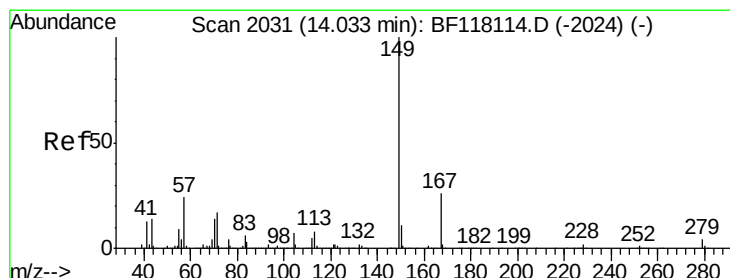
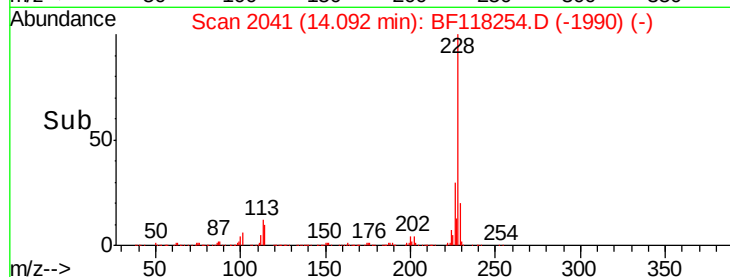
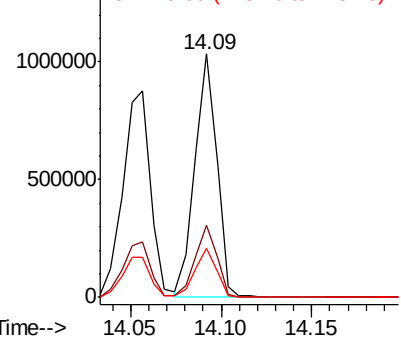


Abundance

Ion 228.00 (227.70 to 228.70): E

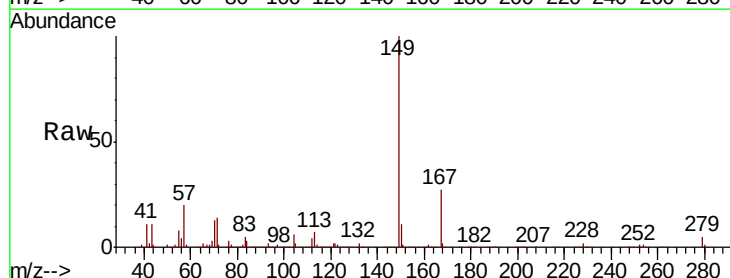
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.708 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	700171		
167	27.5		20.8	31.2
279	4.9		2.9	4.3#

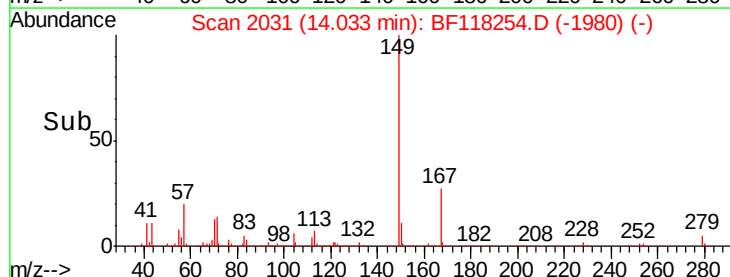
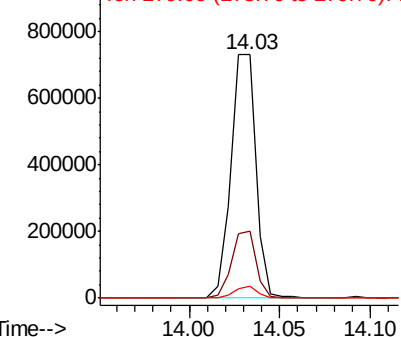


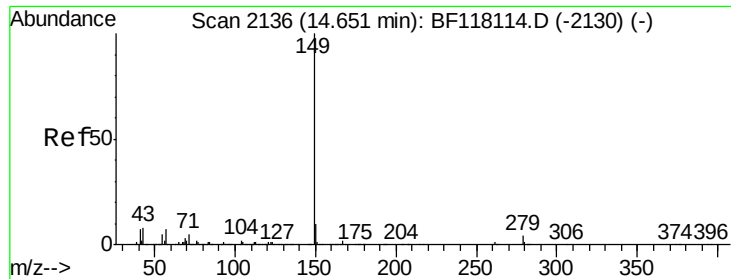
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





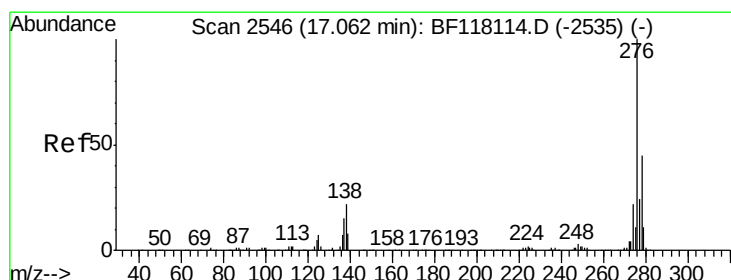
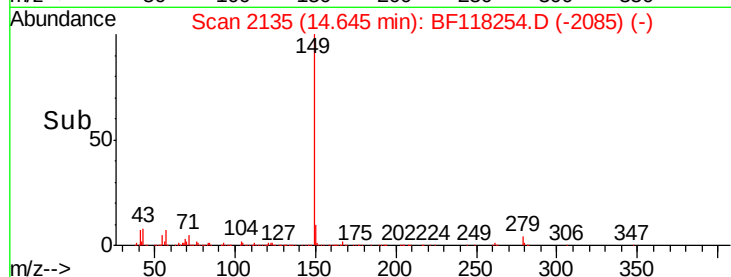
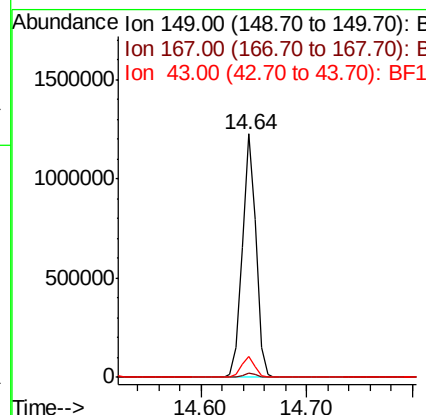
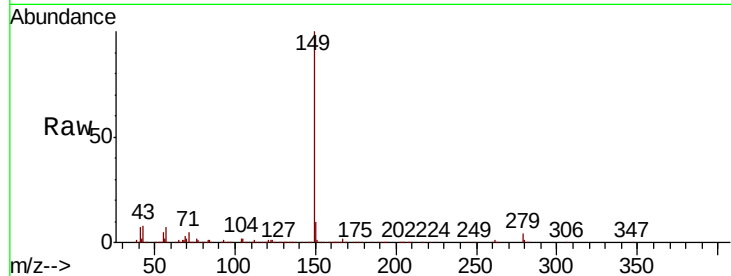
#85
Di-n-octyl phthalate
Concen: 43.840 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.5	9.7

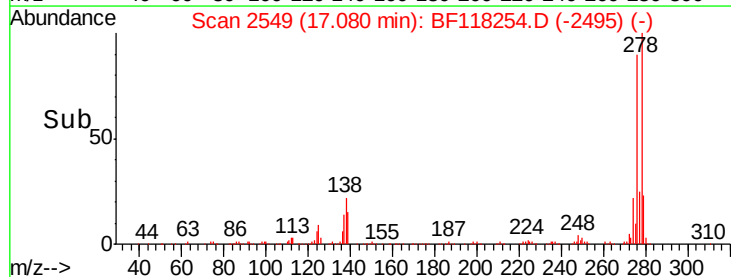
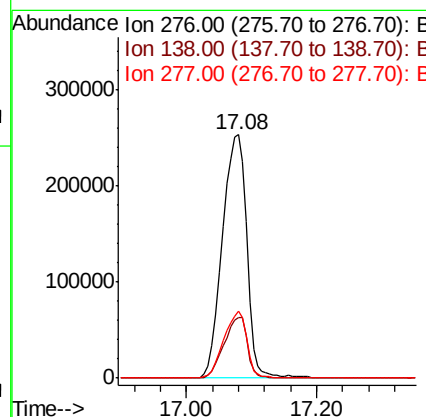
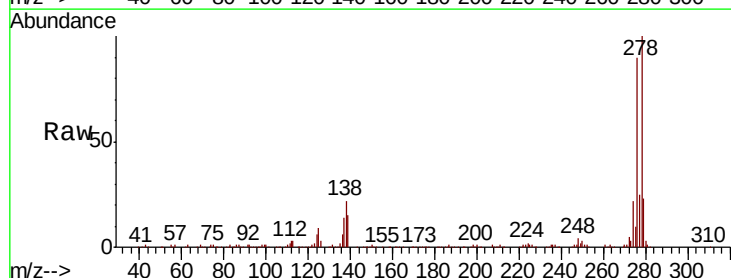
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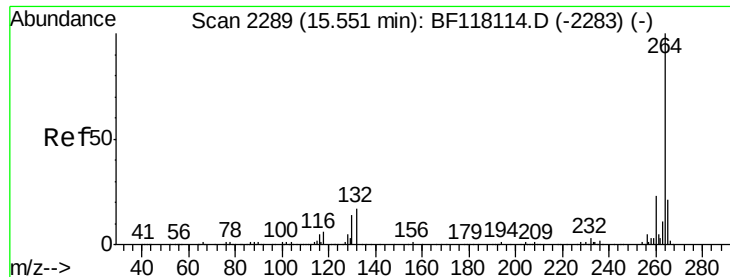
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 34.908 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.02 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.9	28.3
277	25.9	20.4	30.6





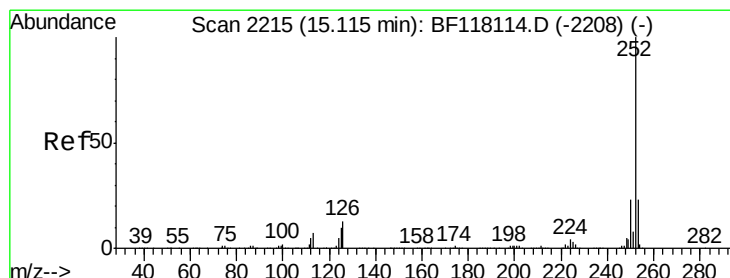
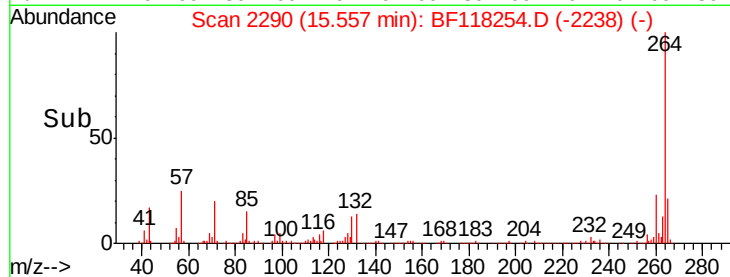
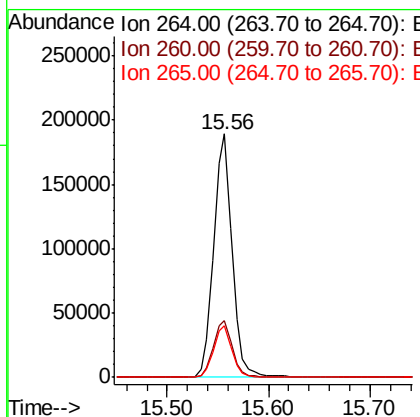
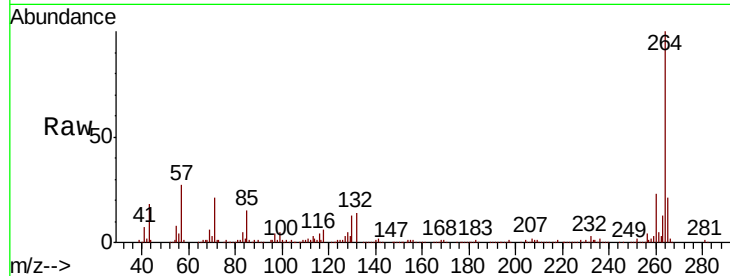
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.0	16.8	25.2

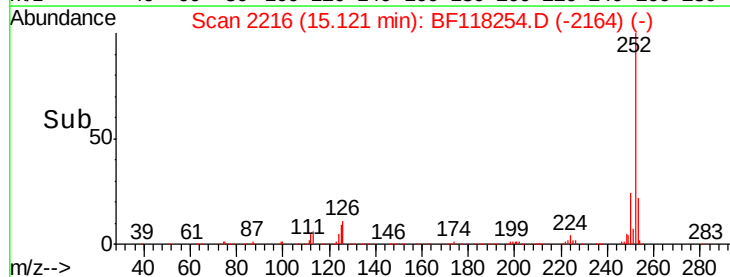
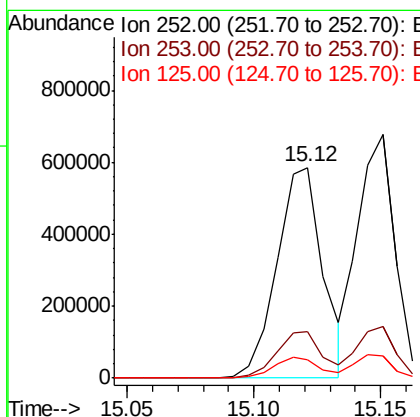
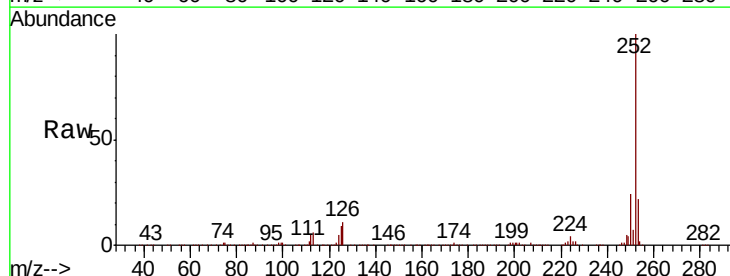
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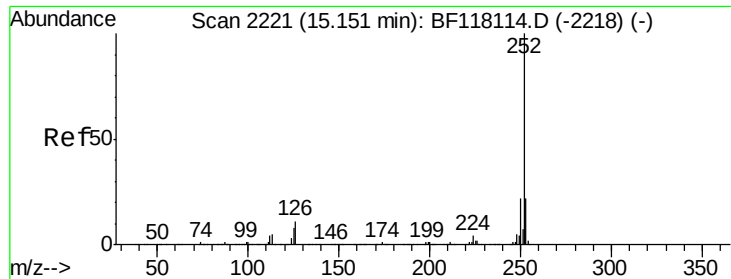
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.724 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	8.7	8.3	12.5





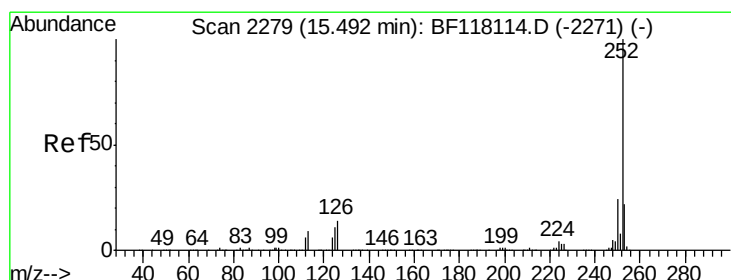
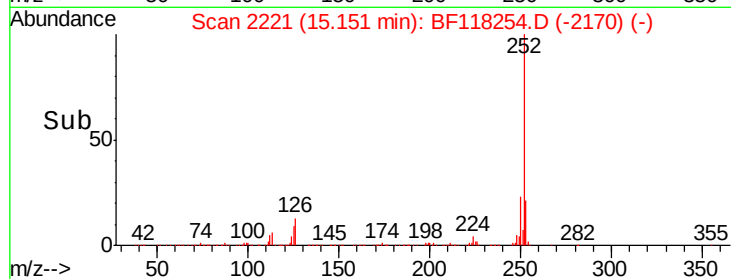
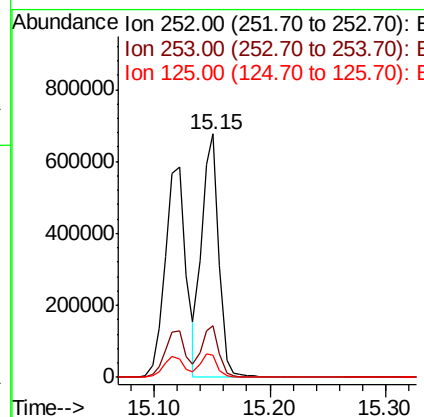
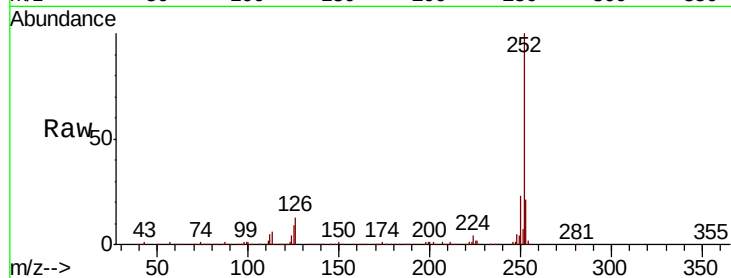
#89
Benzo(k)fluoranthene
Concen: 46.177 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Instrument :
BNA_F
ClientSampleId :
PB125538BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	9.2	6.7	10.1

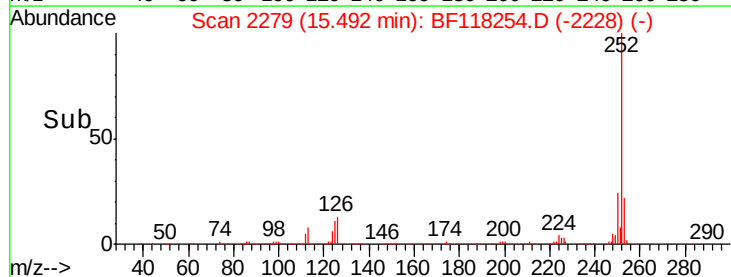
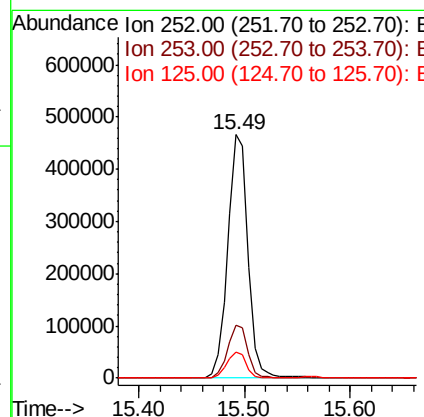
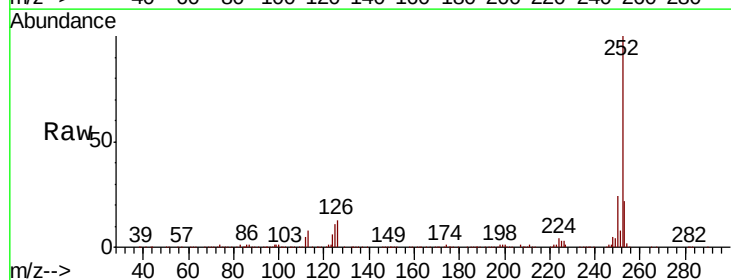
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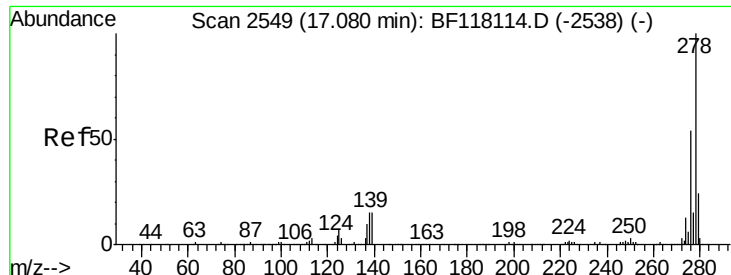
mohammad
12/19/2019 11:16:40 AM



#90
Benzo(a)pyrene
Concen: 44.207 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF118254.D
Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	10.8	9.1	13.7





#91

Dibenzo(a,h)anthracene

Concen: 47.467 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Instrument :

BNA_F

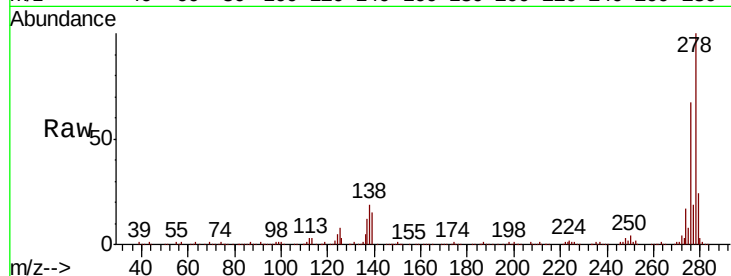
ClientSampleId :

PB125538BS

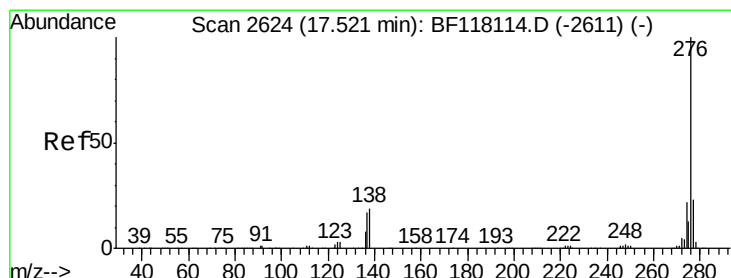
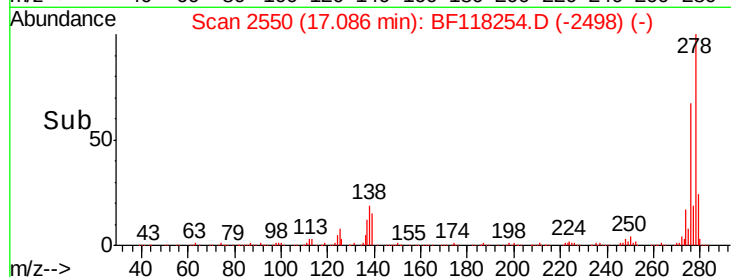
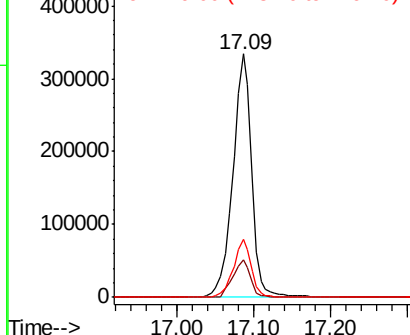
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.7	17.5
279	23.8	19.0	28.4

Manual Integrations
APPROVED

mohammad
12/19/2019 11:16:40 AM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 47.974 ng

RT: 17.53 min Scan# 2626

Delta R.T. 0.01 min

Lab File: BF118254.D

Acq: 18 Dec 2019 12:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.2	27.4
138	20.1	15.5	23.3

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

