

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF010220\
 Data File : BF118443.D
 Acq On : 2 Jan 2020 18:51
 Operator : JU
 Sample : K6114-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Manual Integrations
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mohammad
 1/3/2020 11:04:20 AM

Quant Time: Jan 03 03:20:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	129038	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	513245	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	274194	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	497952	20.00	ng	0.00
76) Chrysene-d12	14.04	240	317982	20.00	ng	0.00
87) Perylene-d12	15.53	264	311589	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	885930	117.20	ng	0.02
7) Phenol-d6	6.49	99	1040163	110.92	ng	0.00
23) Nitrobenzene-d5	7.42	82	743771	82.88	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	420158	124.08	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1525750	84.94	ng	0.00
79) Terphenyl-d14	12.98	244	1742764	90.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	113009	37.606	ng	# 84
3) Pyridine	3.48	79	230065	28.735	ng	98
4) n-Nitrosodimethylamine	3.40	42	136132	41.124	ng	98
6) Aniline	6.52	93	142148	11.937	ng	# 63
8) 2-Chlorophenol	6.64	128	369138	43.116	ng	97
9) Benzaldehyde	6.40	77	157145	28.582	ng	96
10) Phenol	6.50	94	366872	34.807	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	336592	44.653	ng	97
12) 1,3-Dichlorobenzene	6.79	146	353963	35.898	ng	100
13) 1,4-Dichlorobenzene	6.86	146	366587	36.603	ng	99
14) 1,2-Dichlorobenzene	7.02	146	351852	37.211	ng	99
15) Benzyl Alcohol	7.00	79	308977	43.274	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	331259	41.183	ng	60
17) 2-Methylphenol	7.11	107	292015	42.525	ng	95
18) Hexachloroethane	7.36	117	123750	33.667	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	242470	41.972	ng	96
20) 3+4-Methylphenols	7.27	107	374772	42.643	ng	# 80
22) Acetophenone	7.26	105	519420	41.292	ng	99
24) Nitrobenzene	7.43	77	371828	41.364	ng	100
25) Isophorone	7.67	82	669948	42.838	ng	99
26) 2-Nitrophenol	7.75	139	206186	43.305	ng	98
27) 2,4-Dimethylphenol	7.79	122	326713	50.293	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	424185	41.473	ng	99
29) 2,4-Dichlorophenol	8.00	162	320821	42.907	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	339175	38.941	ng	98
31) Naphthalene	8.16	128	1090559	41.806	ng	100
32) Benzoic acid	7.95	122	184222	35.288	ng	98
33) 4-Chloroaniline	8.22	127	76733	6.862	ng	96
34) Hexachlorobutadiene	8.27	225	186797	36.028	ng	99
35) Caprolactam	8.59	113	87440m	37.458	ng	
36) 4-Chloro-3-methylphenol	8.71	107	348642	43.429	ng	98
37) 2-Methylnaphthalene	8.85	142	772016	43.225	ng	100
38) 1-Methylnaphthalene	8.95	142	726406	43.169	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	339926	41.261	ng	99

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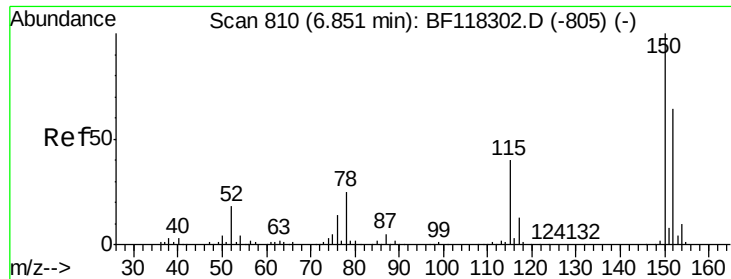
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Quant Time: Jan 03 03:20:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	114766	38.383	ng	98
43) 2,4,6-Trichlorophenol	9.14	196	232503	42.244	ng	99
44) 2,4,5-Trichlorophenol	9.19	196	252553	44.607	ng	98
46) 1,1'-Biphenyl	9.32	154	925367	42.669	ng	99
47) 2-Chloronaphthalene	9.35	162	716629	41.057	ng	98
48) 2-Nitroaniline	9.45	65	205177	41.617	ng	98
49) Acenaphthylene	9.76	152	1132255	43.738	ng	99
50) Dimethylphthalate	9.62	163	884021	42.951	ng	99
51) 2,6-Dinitrotoluene	9.69	165	195358	44.026	ng	100
52) Acenaphthene	9.93	154	666609	42.276	ng	99
53) 3-Nitroaniline	9.86	138	110198	21.159	ng	89
54) 2,4-Dinitrophenol	9.98	184	76690	37.240	ng	96
55) Dibenzofuran	10.10	168	1005848	43.172	ng	96
56) 4-Nitrophenol	10.04	139	236270	73.486	ng	96
57) 2,4-Dinitrotoluene	10.10	165	258131	43.535	ng	# 83
58) Fluorene	10.45	166	811564	43.150	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.23	232	202099	42.011	ng	99
60) Diethylphthalate	10.32	149	893938	43.903	ng	100
61) 4-Chlorophenyl-phenylether	10.44	204	402030	42.820	ng	96
62) 4-Nitroaniline	10.48	138	194174	35.889	ng	98
63) Azobenzene	10.60	77	748000	42.887	ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	65827	24.505	ng	98
66) n-Nitrosodiphenylamine	10.56	169	726199	45.503	ng	100
67) 4-Bromophenyl-phenylether	10.93	248	251994	43.242	ng	94
68) Hexachlorobenzene	11.00	284	290033	42.282	ng	97
69) Atrazine	11.09	200	239449	48.614	ng	97
70) Pentachlorophenol	11.20	266	229332	77.198	ng	98
71) Phenanthrene	11.42	178	1183366	43.593	ng	99
72) Anthracene	11.47	178	1217672	44.815	ng	99
73) Carbazole	11.63	167	1048847	43.502	ng	99
74) Di-n-butylphthalate	11.94	149	1413245	46.229	ng	100
75) Fluoranthene	12.62	202	1131984	41.319	ng	99
77) Benzidine	12.73	184	55980	6.425	ng	96
78) Pyrene	12.84	202	1120360	43.146	ng	100
80) Butylbenzylphthalate	13.45	149	541093	46.280	ng	98
81) Benzo(a)anthracene	14.04	228	977424	43.914	ng	98
82) 3,3'-Dichlorobenzidine	13.99	252	234406	31.061	ng	99
83) Chrysene	14.07	228	911787	42.782	ng	100
84) Bis(2-ethylhexyl)phthalate	14.01	149	781875	50.858	ng	100
85) Di-n-octyl phthalate	14.62	149	1224664	54.154	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	840545	46.287	ng	99
88) Benzo(b)fluoranthene	15.10	252	873819	42.248	ng	99
89) Benzo(k)fluoranthene	15.13	252	897912	45.213	ng	98
90) Benzo(a)pyrene	15.47	252	776935	42.641	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	726561	45.952	ng	97
92) Benzo(g,h,i)perylene	17.50	276	675445	44.223	ng	100

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



#1

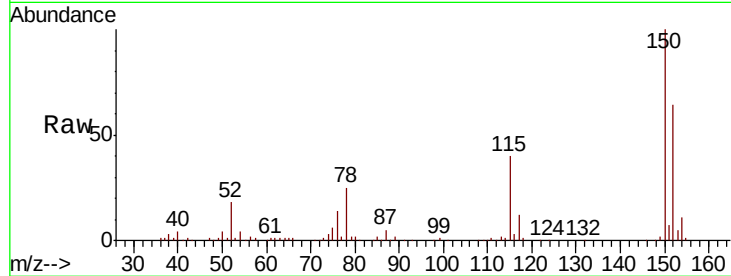
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	125.4	188.2
115	61.9	50.2	75.4

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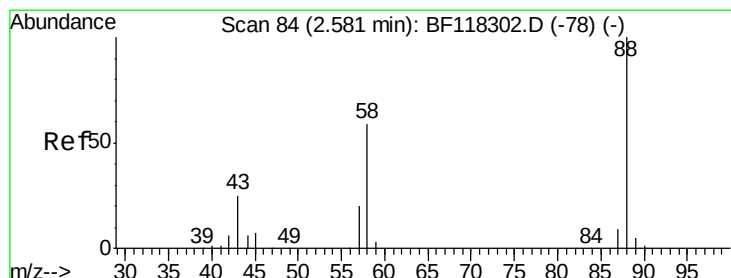
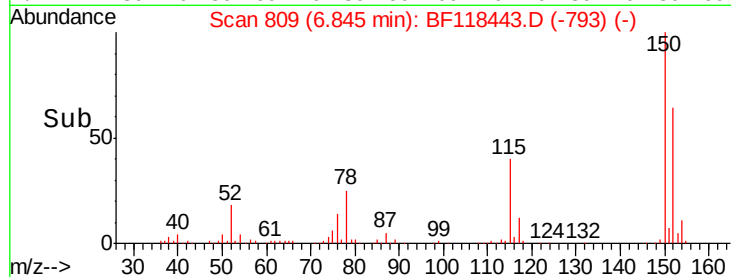
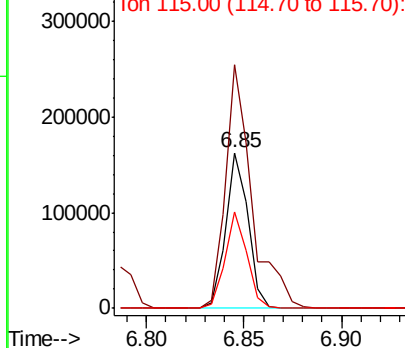


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

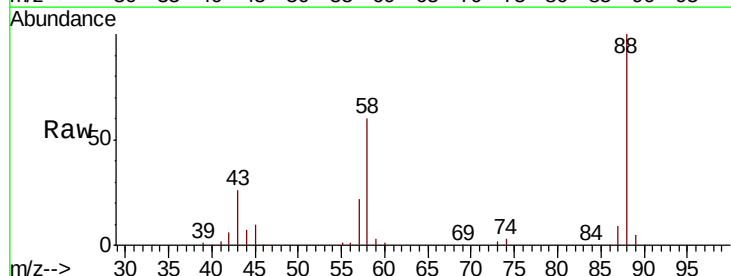
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.606 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.15 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.7	47.6	71.4
43	0.0	20.6	30.8

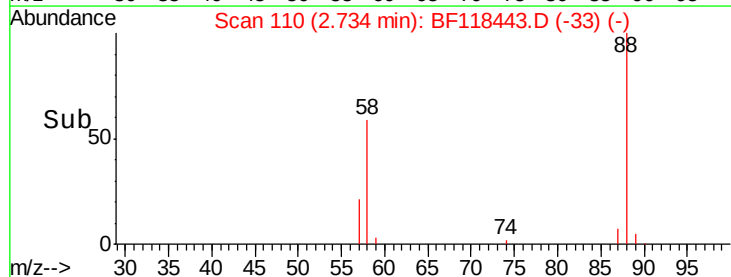
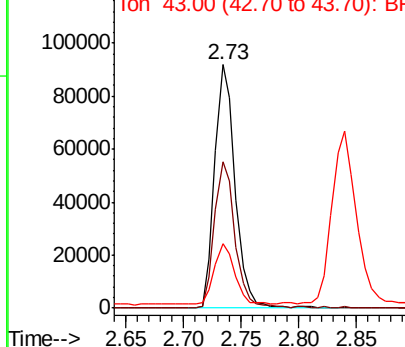


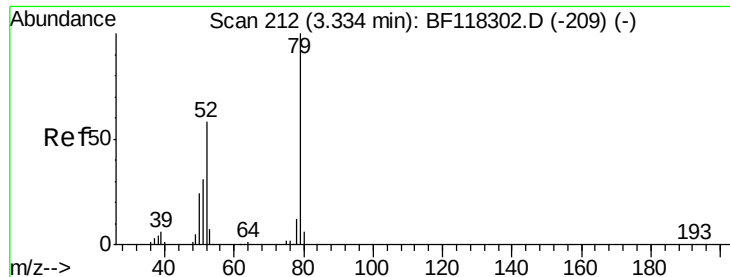
Abundance

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





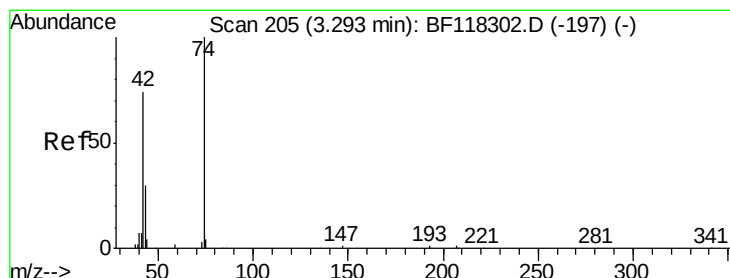
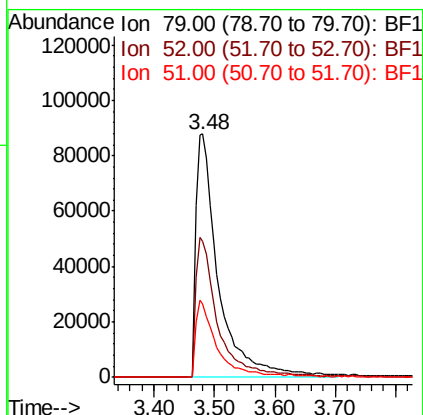
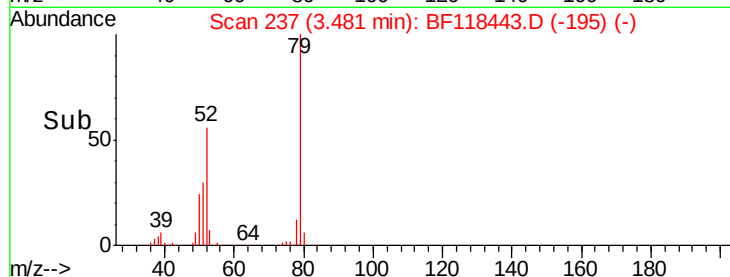
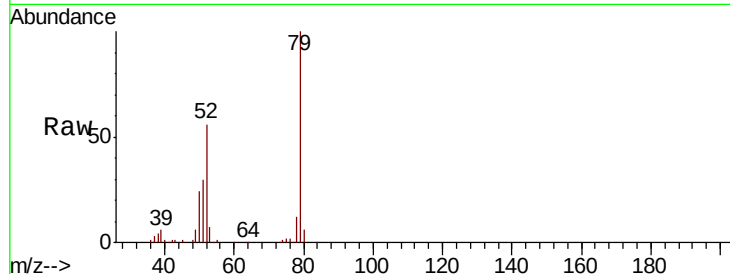
#3
 Pvridine
 Concen: 28.735 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.15 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	56.0	46.4	69.6
51	30.1	24.9	37.3

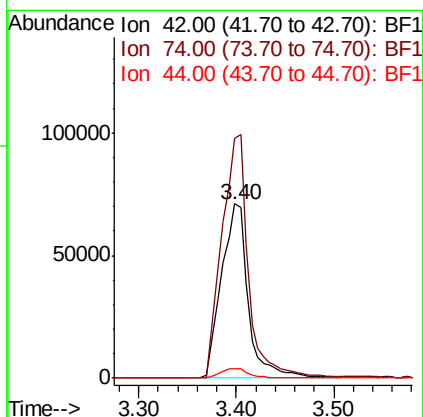
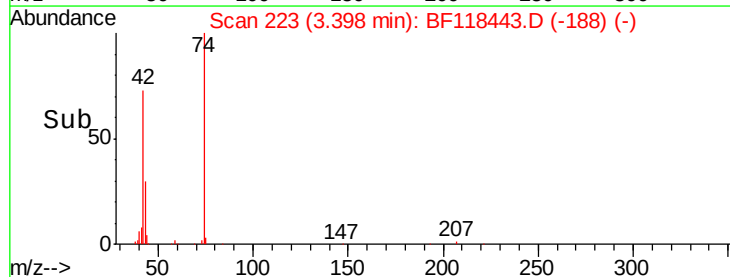
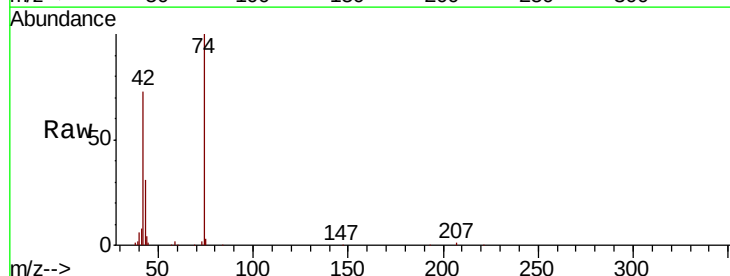
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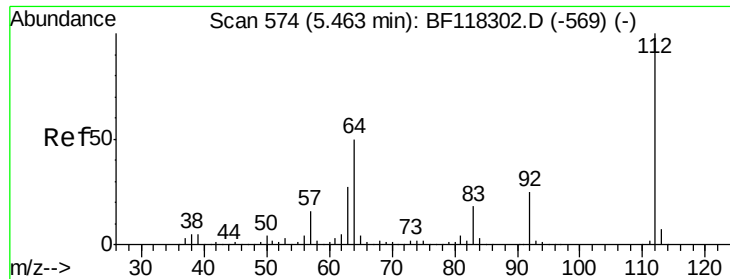
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#4
 n-Nitrosodimethylamine
 Concen: 41.124 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.11 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
42	100		
74	137.2	107.7	161.5
44	5.7	4.8	7.2





#5

2-Fluorophenol

Concen: 117.196 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

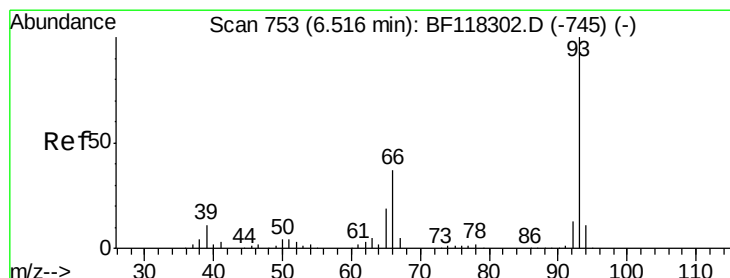
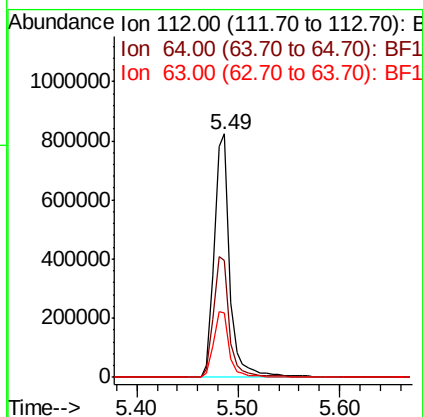
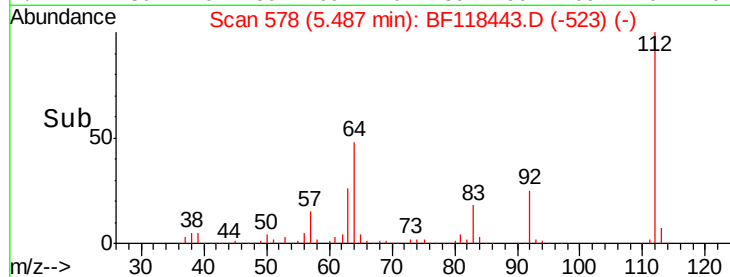
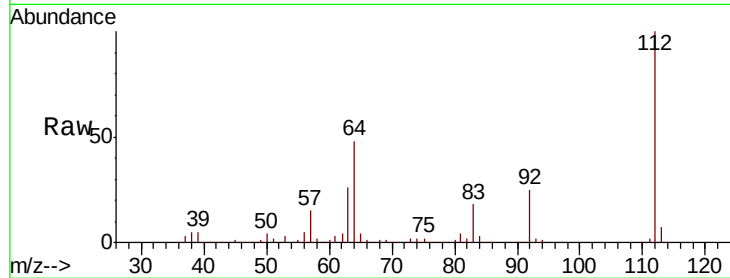
ClientSampleId :

EO-O1-122719MSD

Tot Ion:	112	Resp:	885930
Ion Ratio	Lower	Upper	
112	100		
64	48.2	39.7	59.5
63	26.3	21.7	32.5

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#6

Aniline

Concen: 11.937 ng

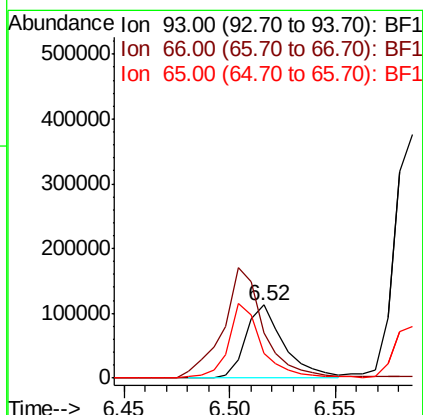
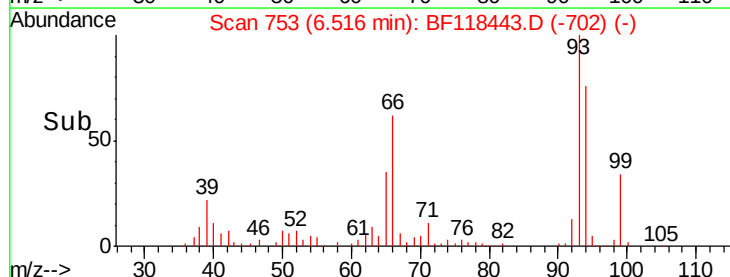
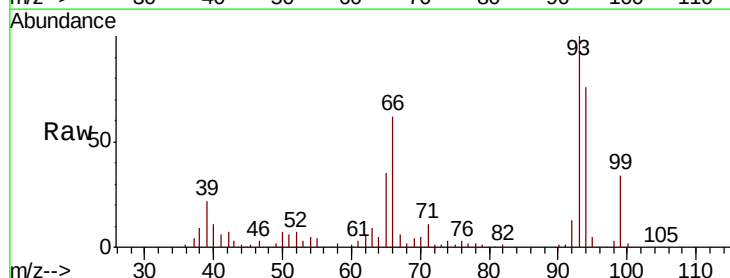
RT: 6.52 min Scan# 753

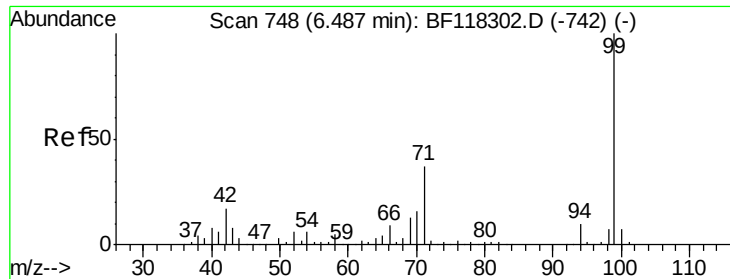
Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Tgt Ion:	93	Resp:	142148
Ion Ratio	Lower	Upper	
93	100		
66	61.7	30.2	45.4#
65	34.5	15.7	23.5#





#7

Phenol-d6

Concen: 110.920 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

Tot Ion: 99 Resp: 1040163

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

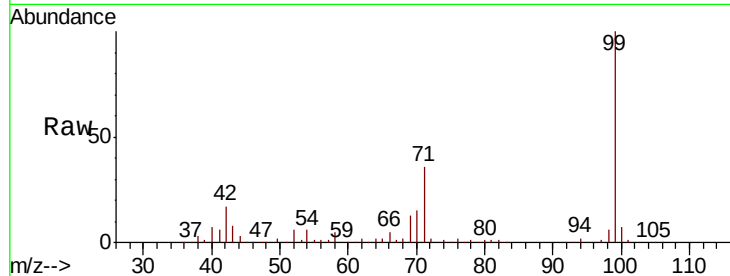
71 36.5 29.4 44.2

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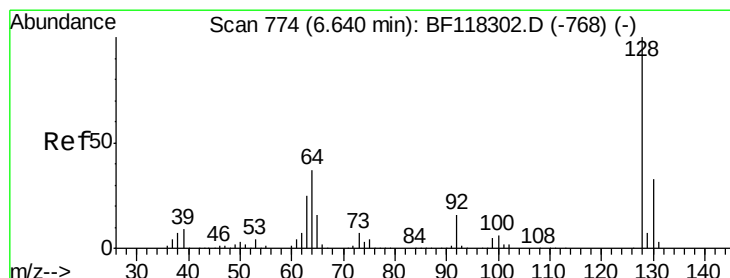
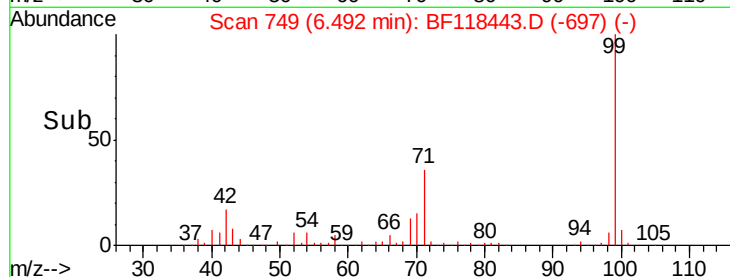
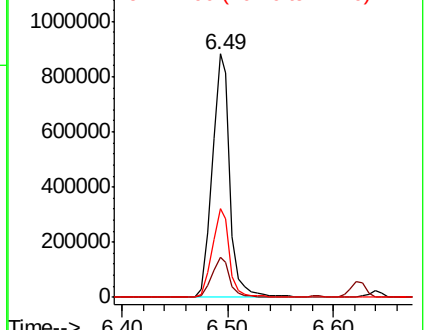
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 43.116 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

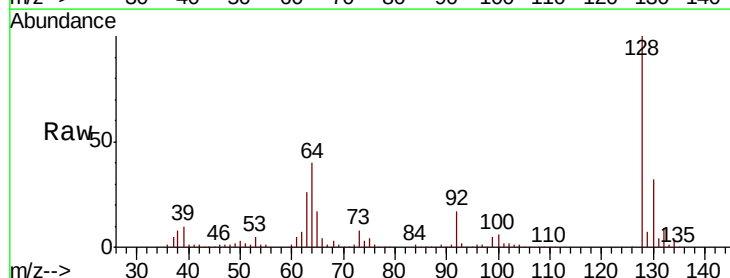
Tgt Ion: 128 Resp: 369138

Ion Ratio Lower Upper

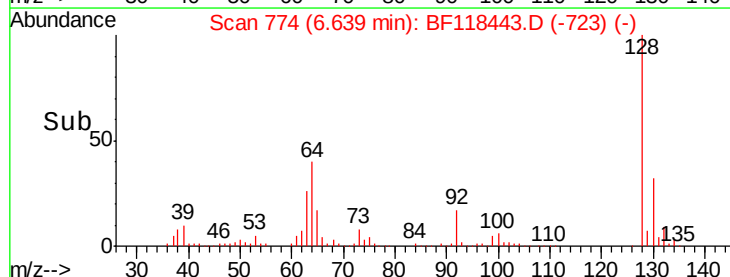
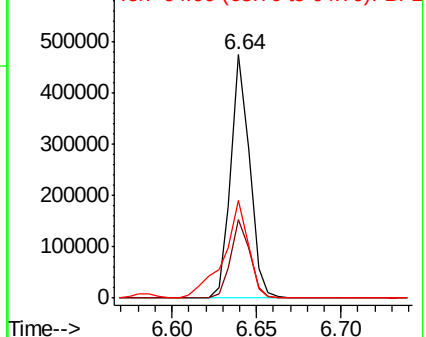
128 100

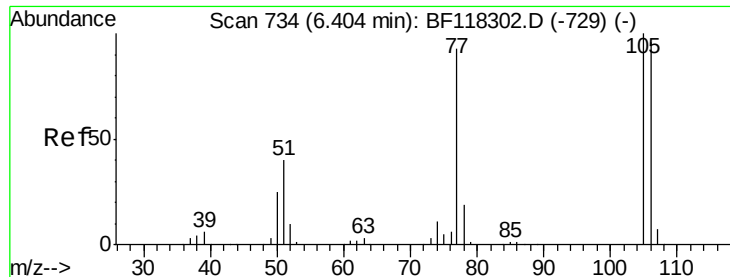
130 32.5 13.2 53.2

64 40.4 17.7 57.7



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





#9

Benzaldehyde

Concen: 28.582 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

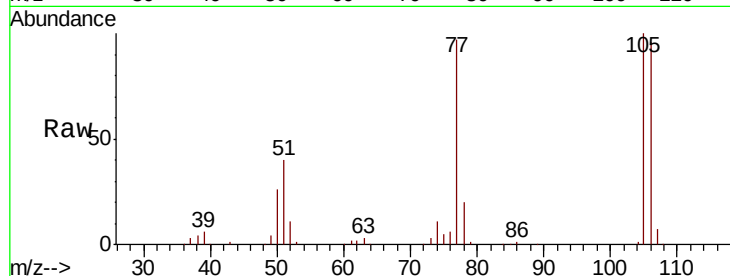
ClientSampleId :

EO-O1-122719MSD

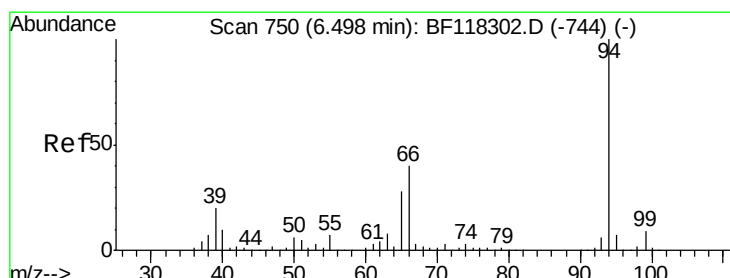
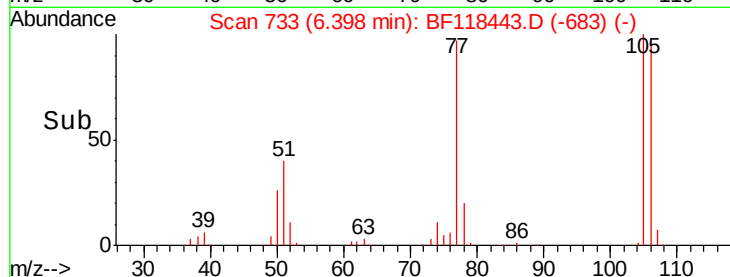
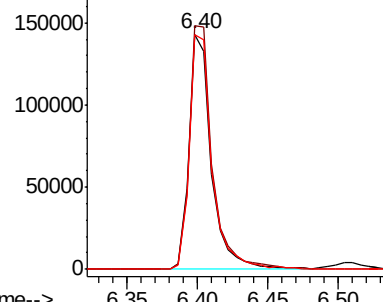
Tot Ion:	77	Resp:	157145
Ion	Ratio	Lower	Upper
77	100		
105	103.6	87.5	127.5
106	99.7	83.6	123.6

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



#10

Phenol

Concen: 34.807 ng

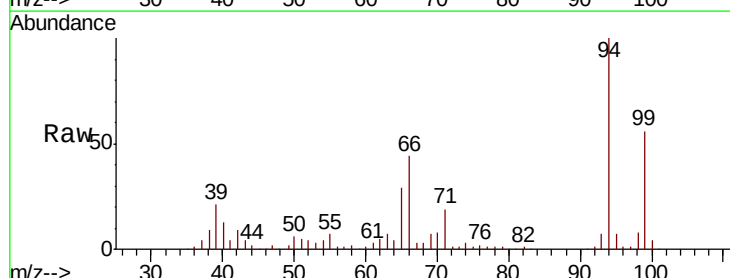
RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

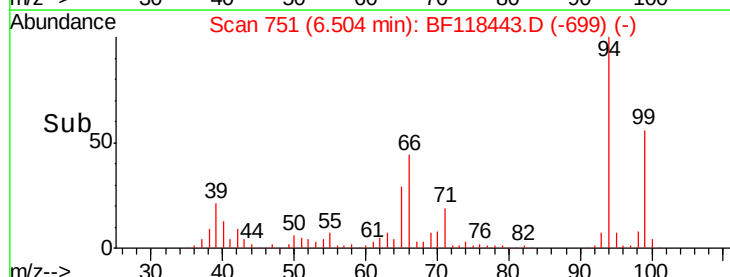
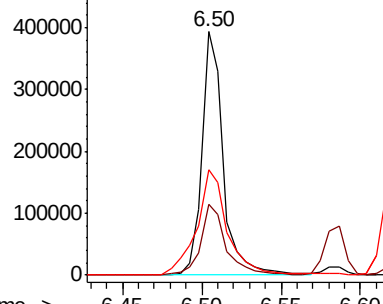
Lab File: BF118443.D

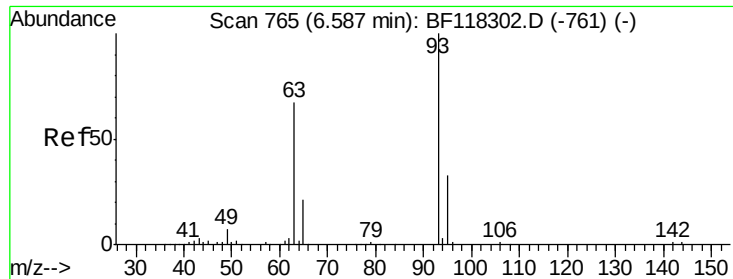
Acq: 2 Jan 2020 18:51

Tgt Ion:	94	Resp:	366872
Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.8	47.8
66	43.5	20.4	60.4



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





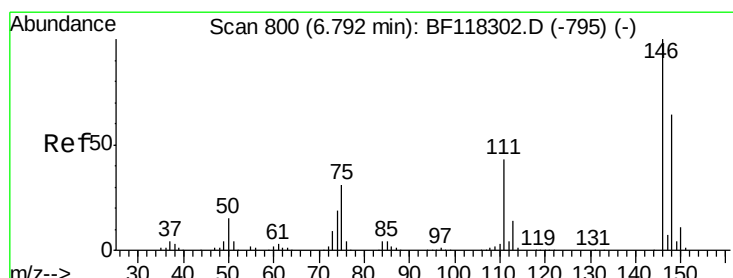
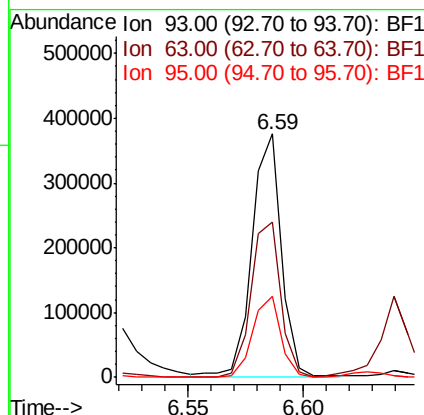
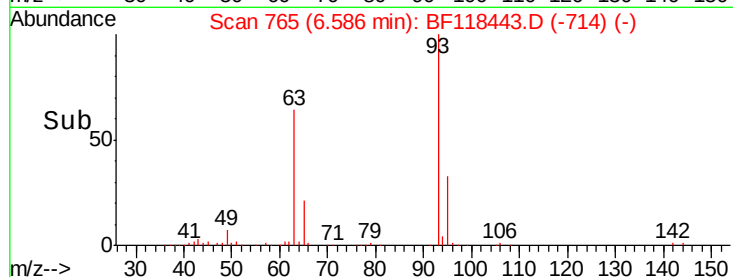
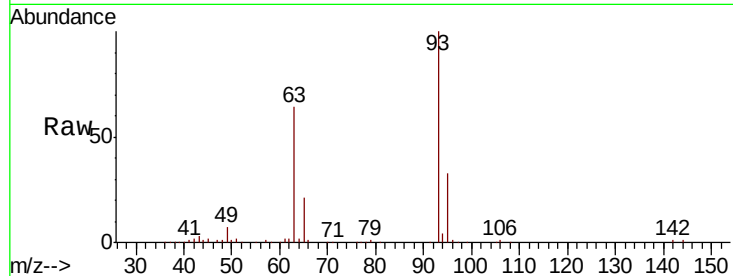
#11
bis(2-Chloroethyl)ether
Concen: 44.653 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	93	Resp	336592
Ion Ratio	Lower	Upper	
93	100		
63	63.8	47.0	87.0
95	33.3	12.8	52.8

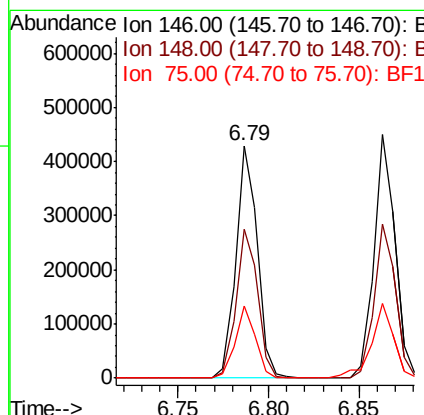
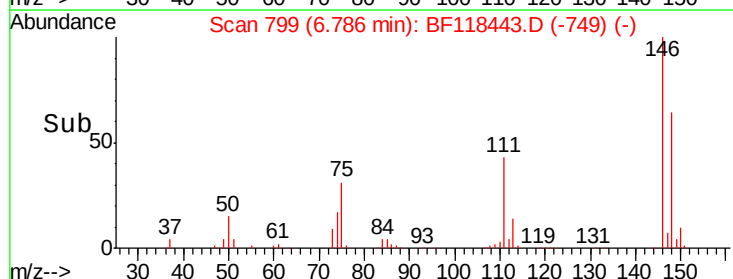
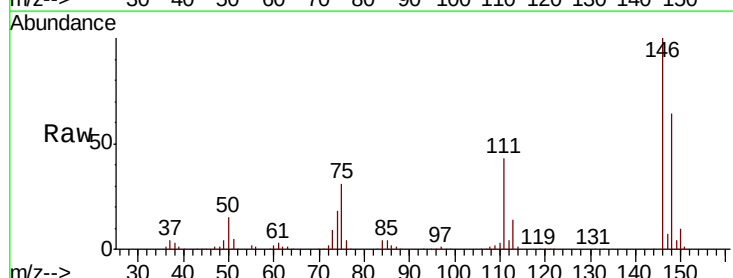
Manual Integrations
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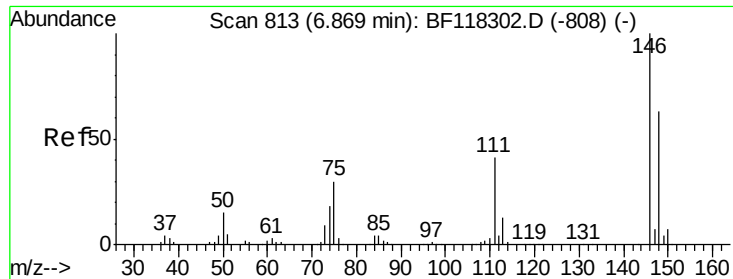
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.898 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	146	Resp	353963
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.4	77.0
75	31.1	24.4	36.6





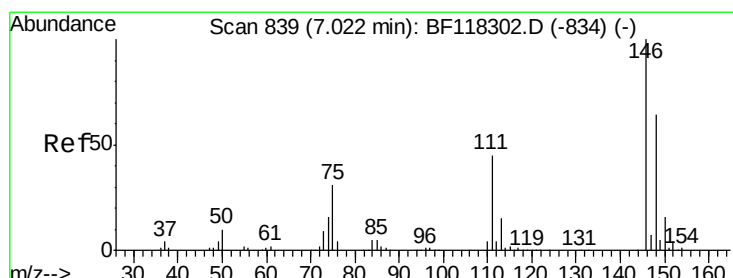
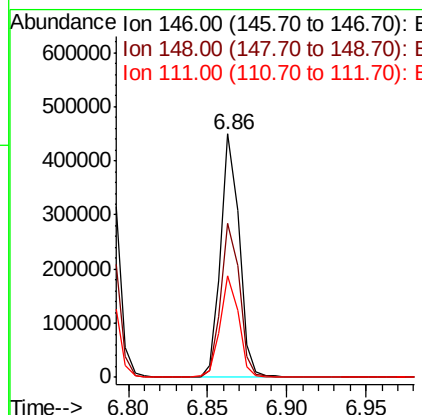
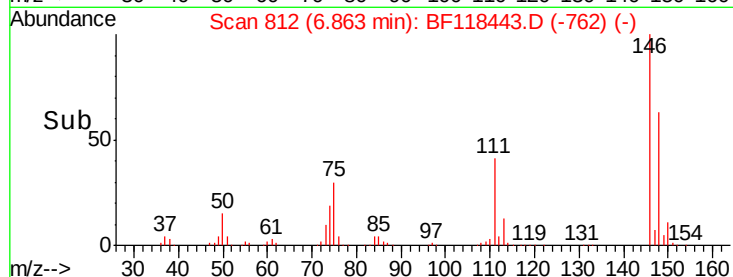
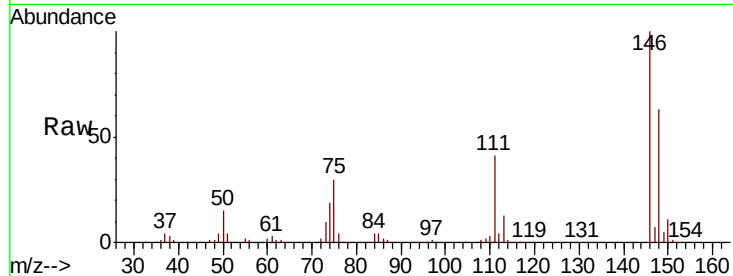
#13
 1,4-Dichlorobenzene
 Concen: 36.603 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.3	75.5
111	41.5	32.8	49.2

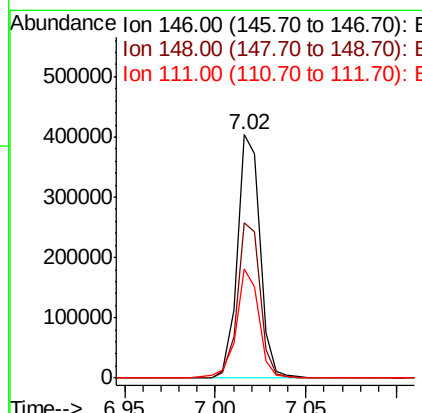
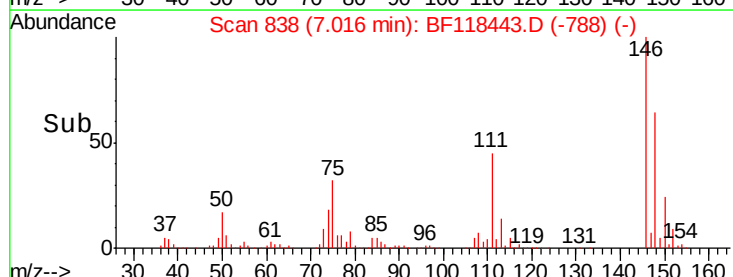
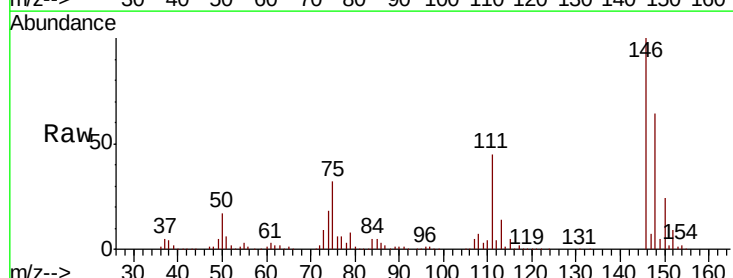
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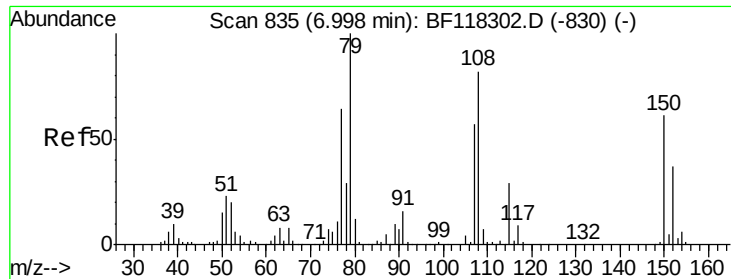
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.211 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.3	76.9
111	44.9	35.7	53.5





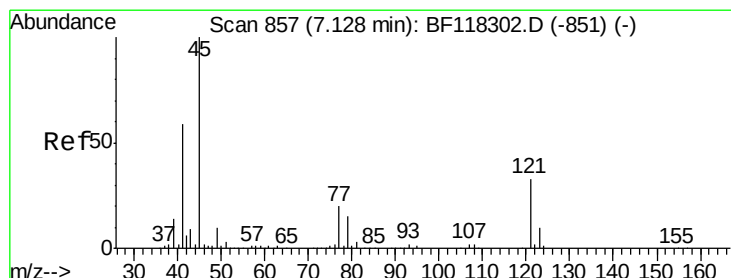
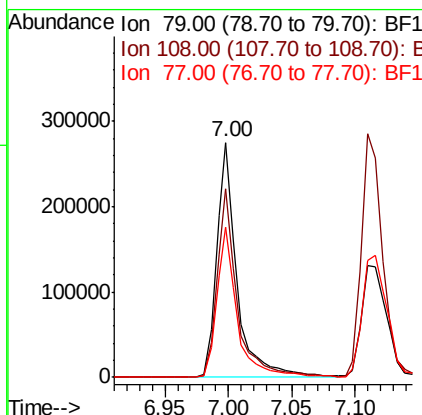
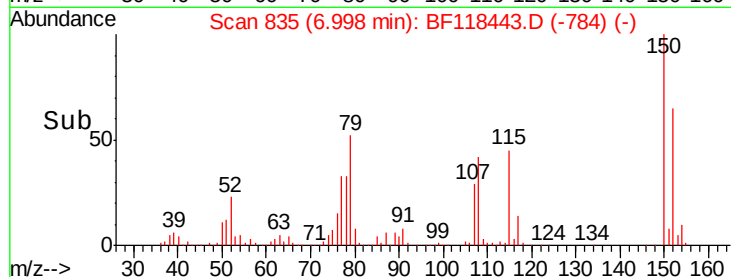
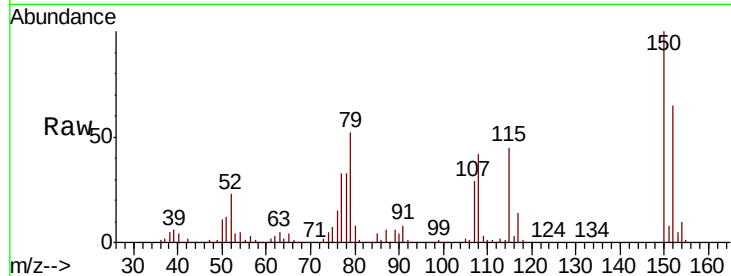
#15
Benzyl Alcohol
Concen: 43.274 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.2	65.4	98.0
77	63.8	51.4	77.0

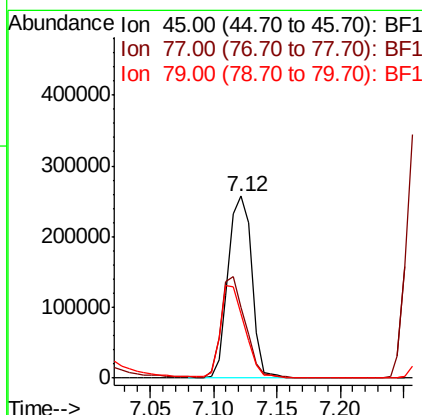
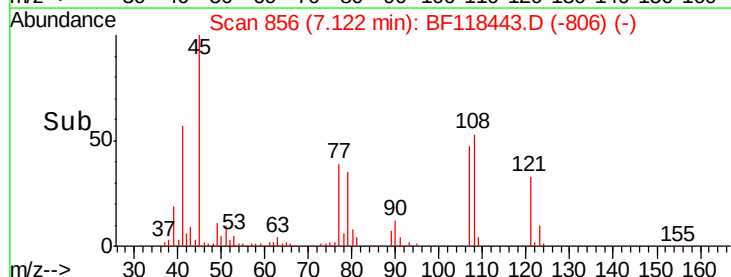
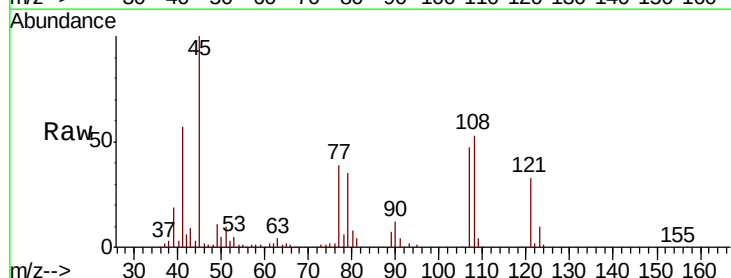
Manual Integrations
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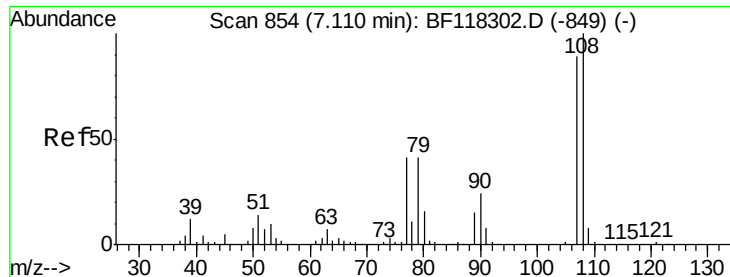
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#16
2,2'-oxybis(1-chloropropane)
Concen: 41.183 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	39.1	1.2	41.2
79	35.1	0.0	37.0





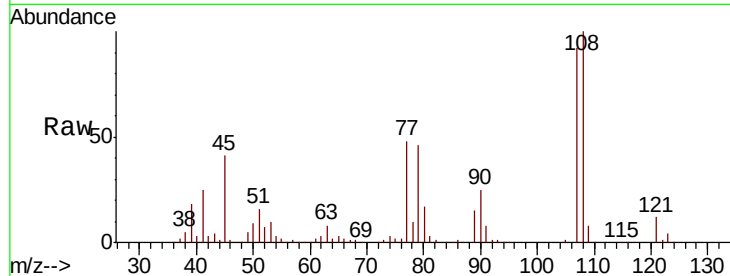
#17
2-Methylphenol
Concen: 42.525 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	292015		
108	108.9	89.7	134.5	
77	52.4	37.2	55.8	
79	50.3	36.7	55.1	

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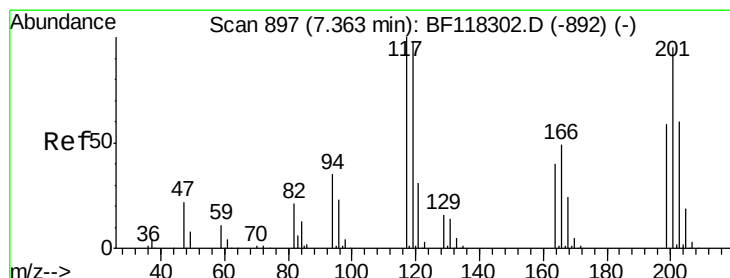
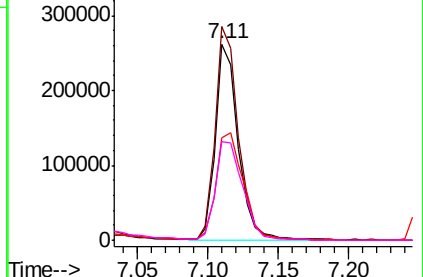
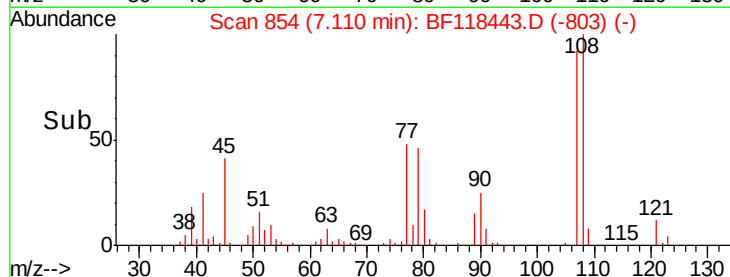
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

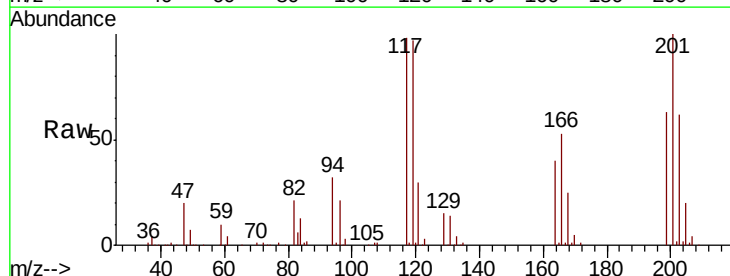
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 33.667 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	123750		
119	99.2	78.0	117.0	
201	101.8	76.2	114.2	

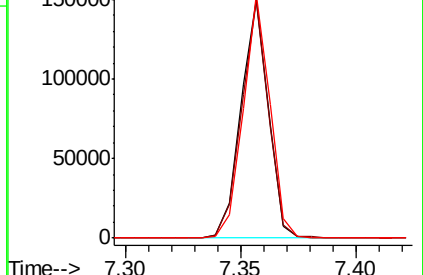
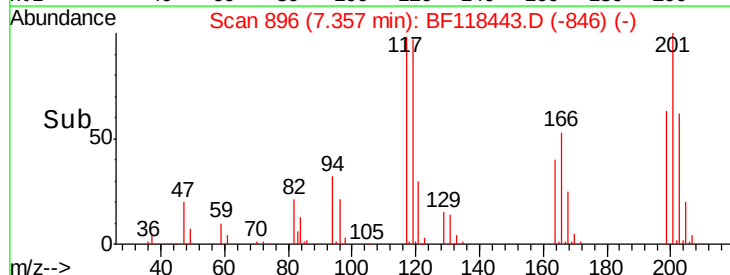


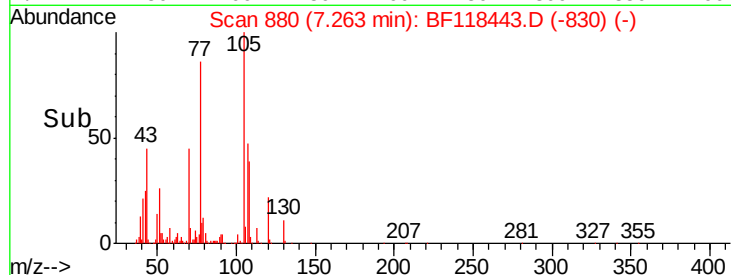
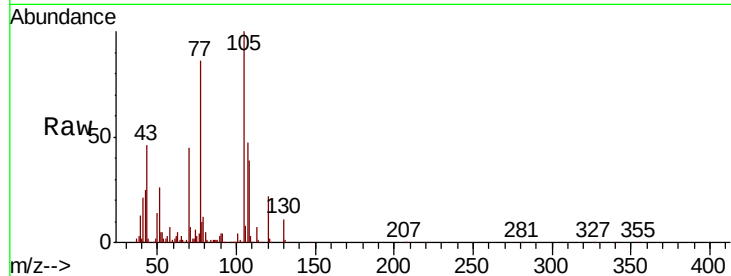
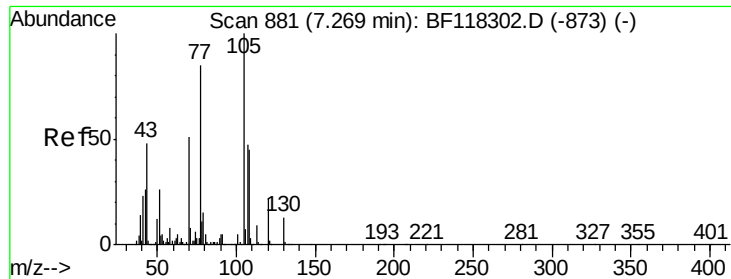
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





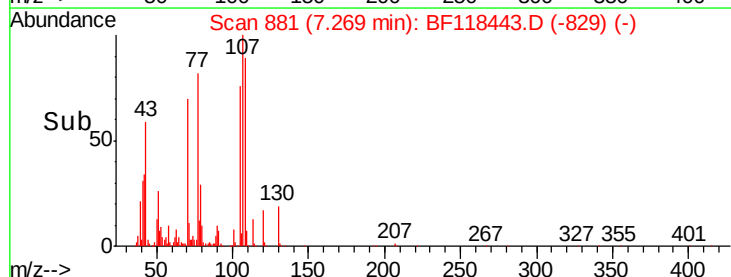
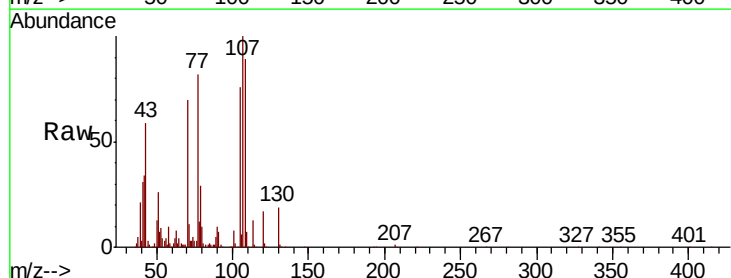
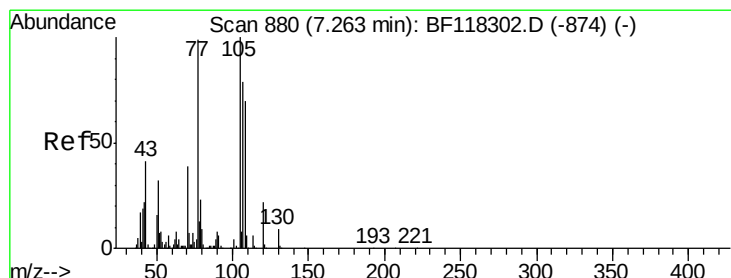
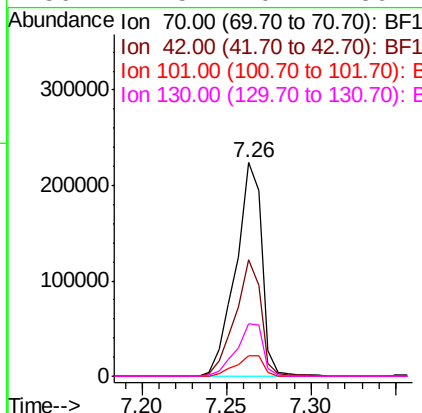
#19
n-Nitroso-di-n-propylamine
Concen: 41.972 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.8	41.1	61.7
101	9.3	8.3	12.5
130	24.5	20.1	30.1

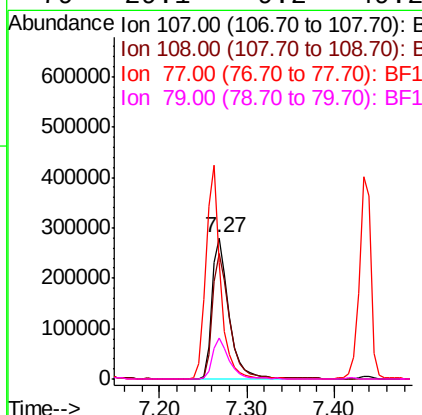
Manual Integrations
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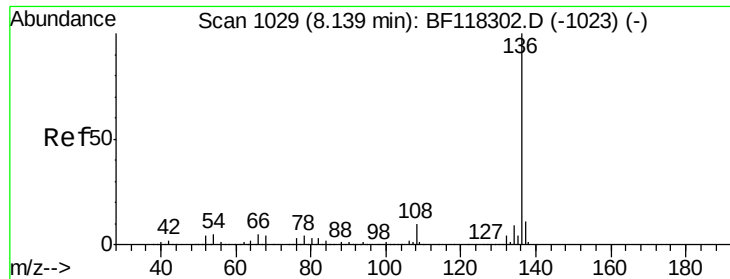
mohammad
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#20
3+4-Methylphenols
Concen: 42.643 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	69.3	109.3
77	82.2	105.9	145.9#
79	29.1	9.2	49.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

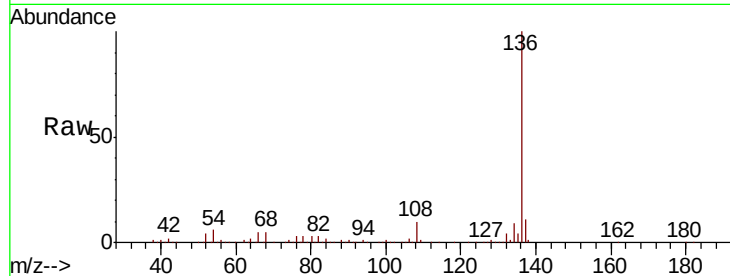
ClientSampleId :

EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	513245		
137	11.0	8.9	13.3	
54	5.6	4.2	6.4	
68	4.6	3.5	5.3	

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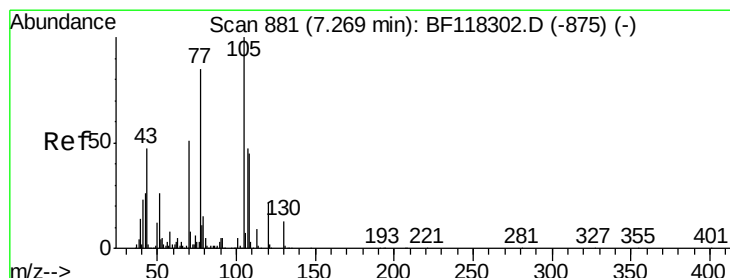
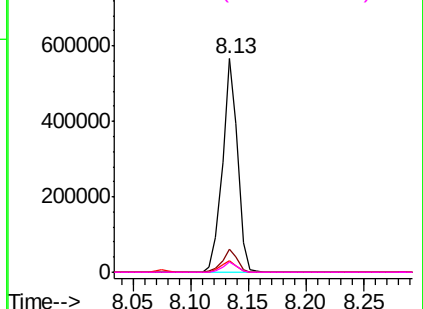
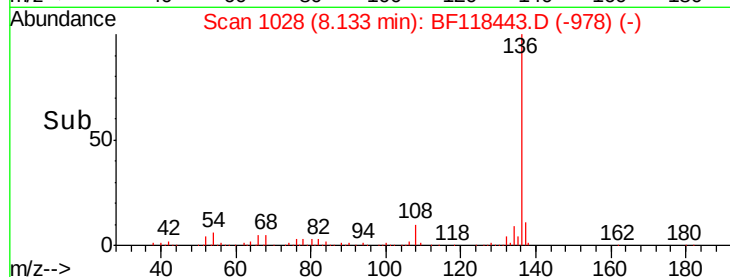
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.292 ng

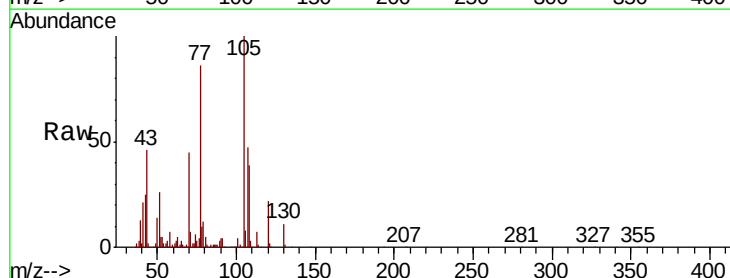
RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	519420		
71	7.4	6.6	9.8	
51	26.4	20.6	30.8	
120	22.3	18.0	27.0	



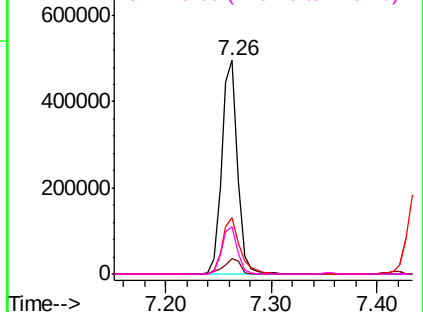
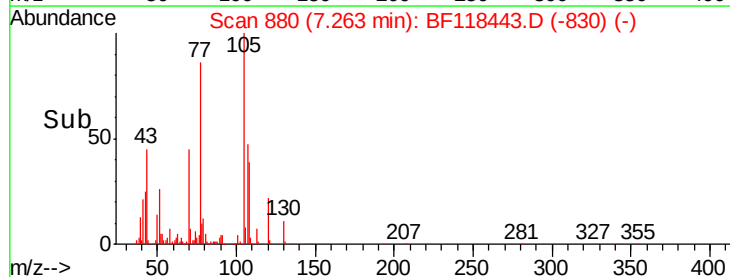
Abundance

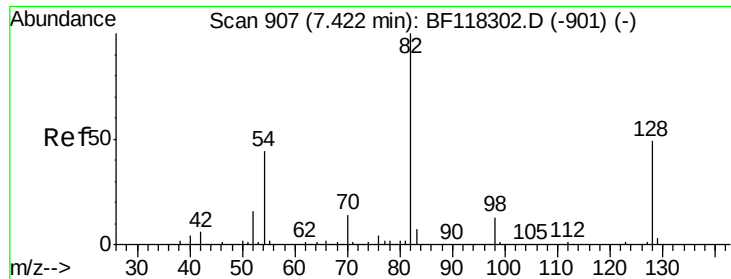
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





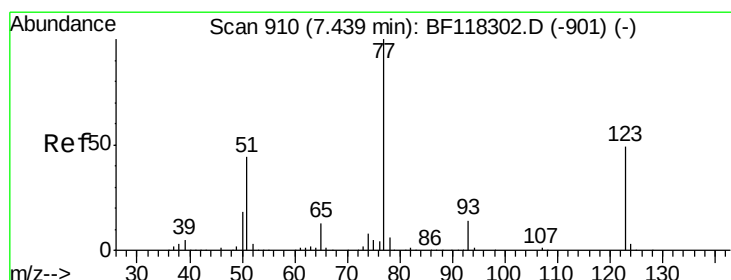
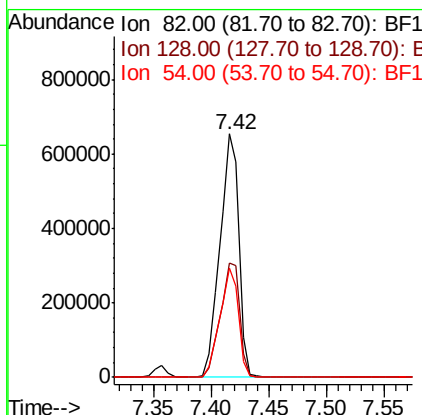
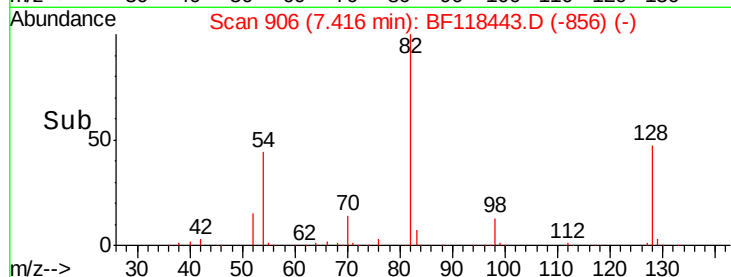
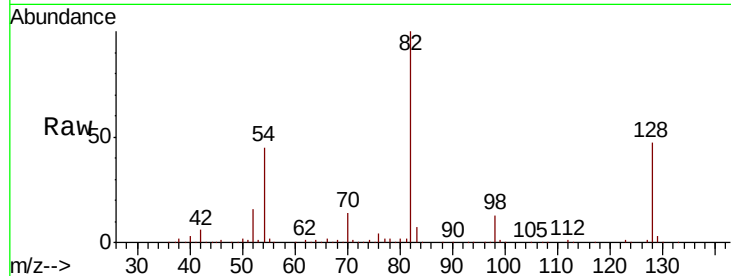
#23
Nitrobenzene-d5
Concen: 82.884 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.6	59.4
54	44.8	34.9	52.3

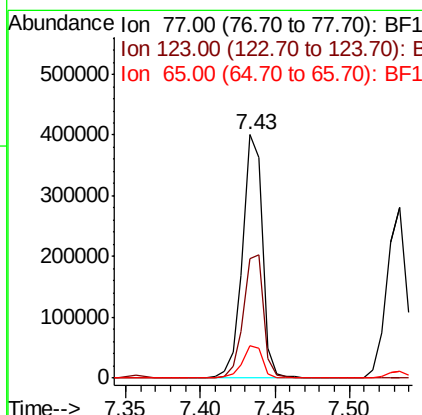
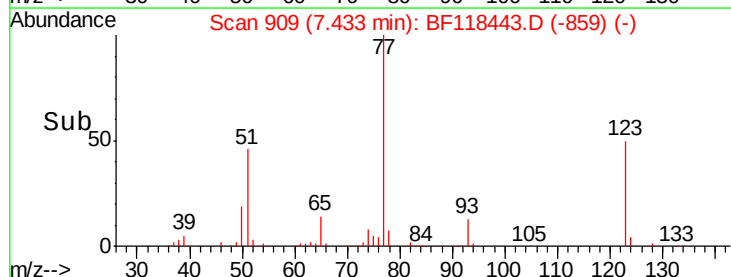
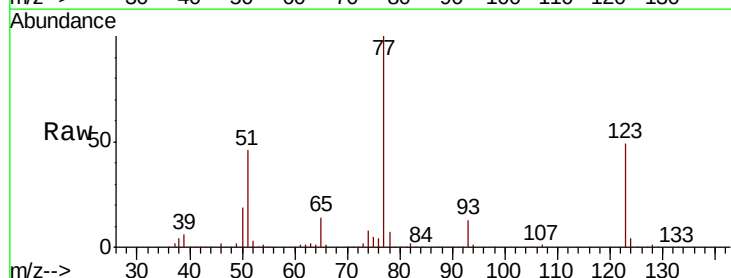
Manual Integrations
APPROVED

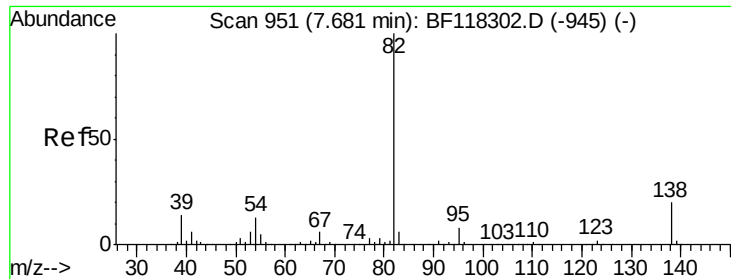
mohammad
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#24
Nitrobenzene
Concen: 41.364 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	39.1	58.7
65	13.6	10.6	16.0





#25

Isophorone

Concen: 42.838 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

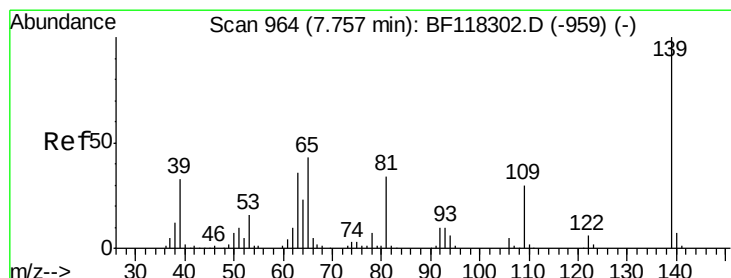
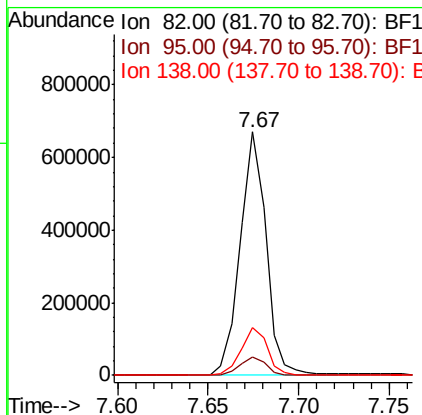
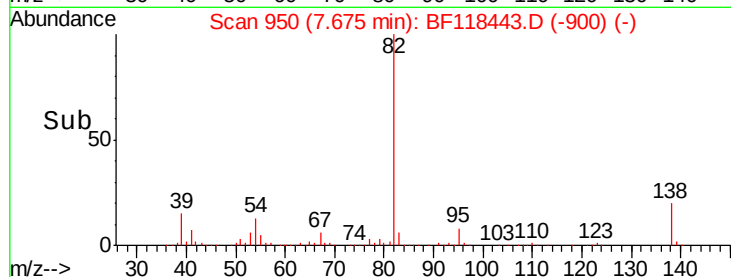
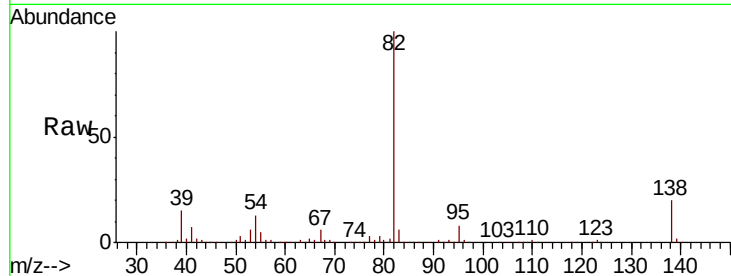
ClientSampleId :

EO-O1-122719MSD

Tot Ion:	82	Resp:	669948
Ion Ratio	Lower	Upper	
82	100		
95	7.7	6.3	9.5
138	19.8	16.2	24.2

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#26

2-Nitrophenol

Concen: 43.305 ng

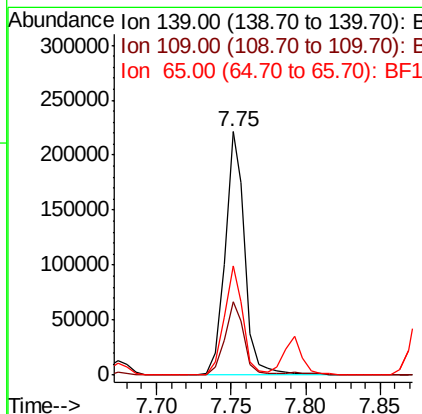
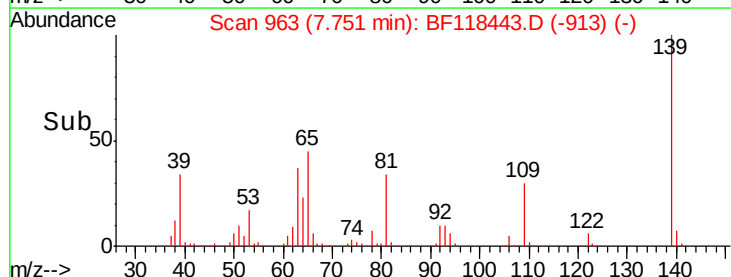
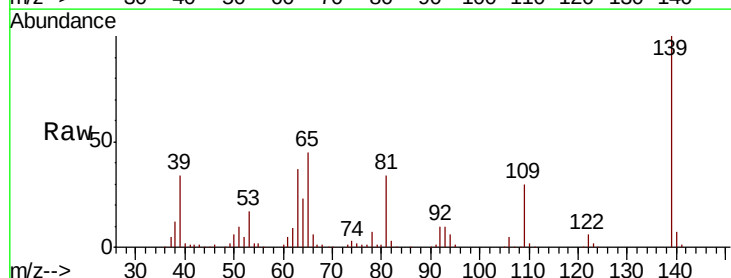
RT: 7.75 min Scan# 963

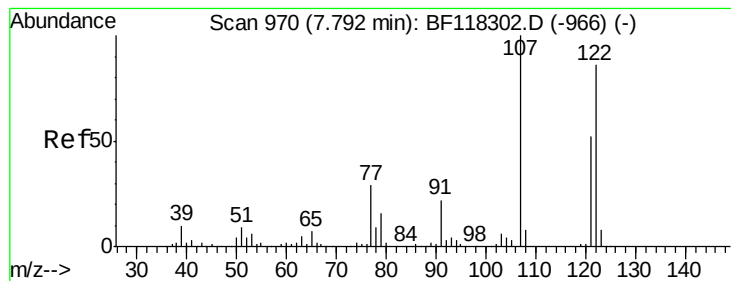
Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Tgt Ion:	139	Resp:	206186
Ion Ratio	Lower	Upper	
139	100		
109	30.4	24.1	36.1
65	45.0	34.6	52.0





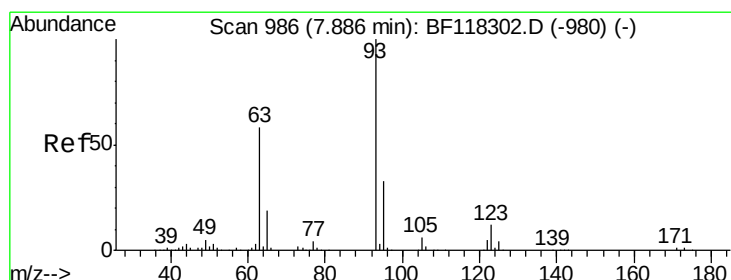
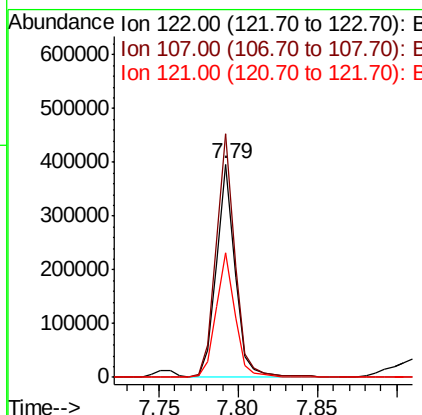
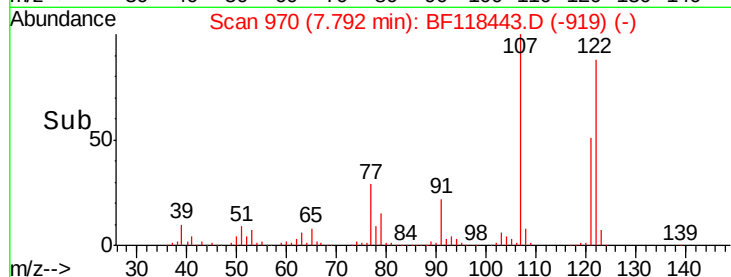
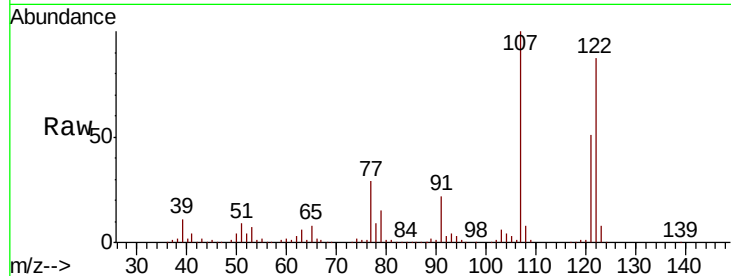
#27
2,4-Dimethylphenol
Concen: 50.293 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	92.9	139.3
121	58.6	47.9	71.9

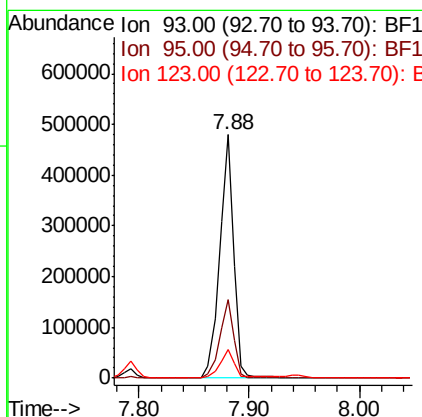
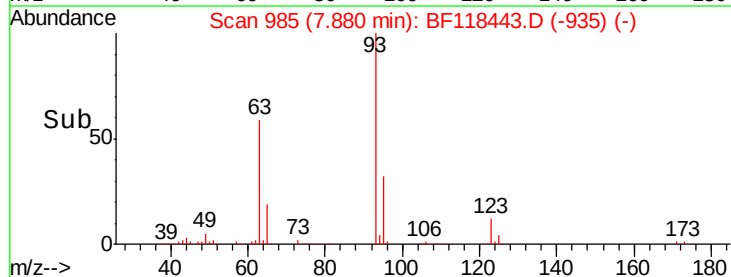
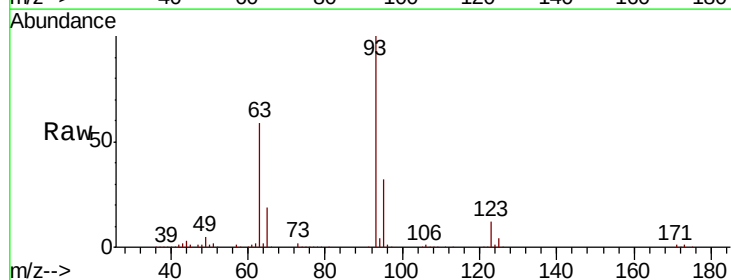
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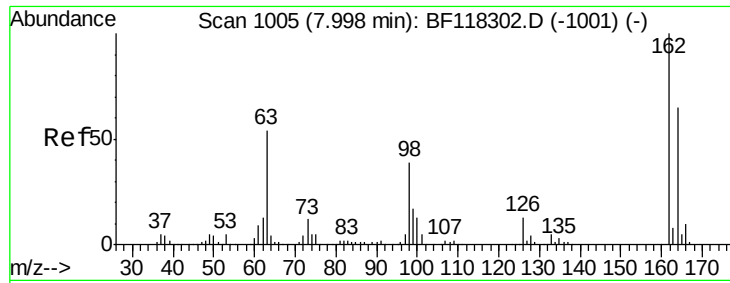
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#28
bis(2-Chloroethoxy)methane
Concen: 41.473 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.4	26.2	39.4
123	11.8	9.8	14.8





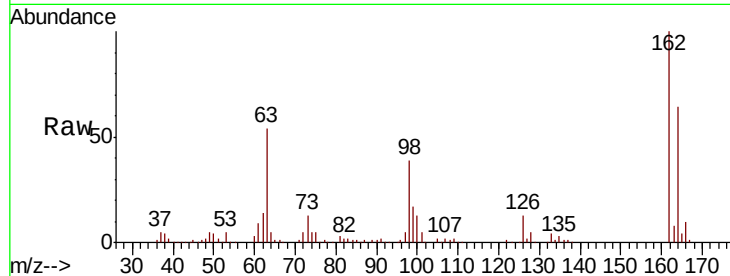
#29
2,4-Dichlorophenol
Concen: 42.907 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

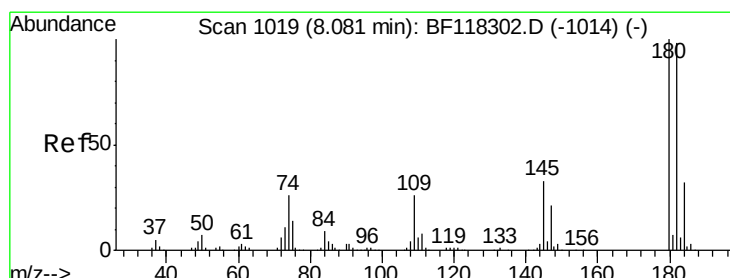
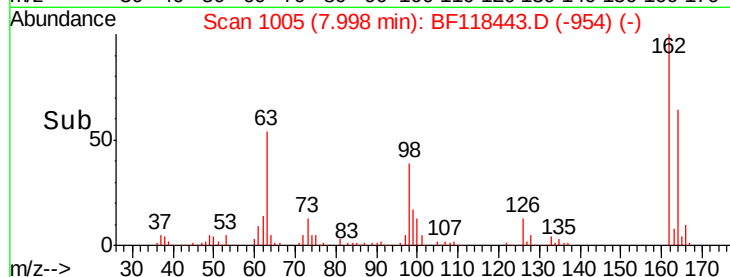
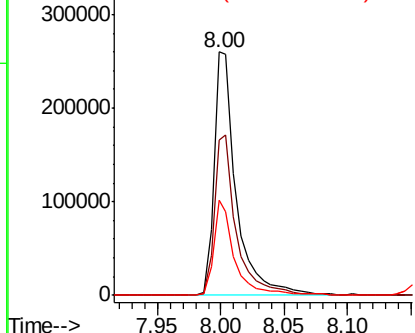
Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		320821		
164	63.7	45.1		85.1	
98	38.9	18.6		58.6	

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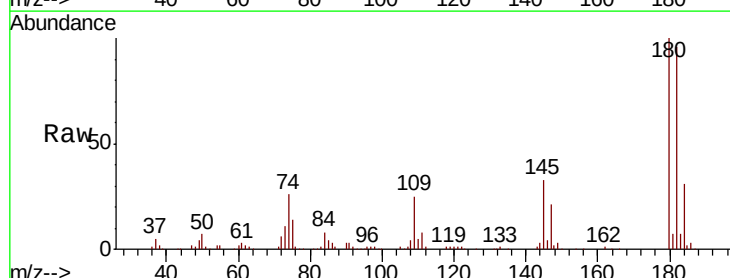


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

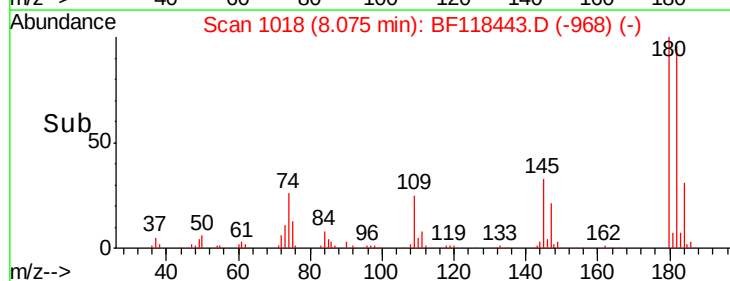
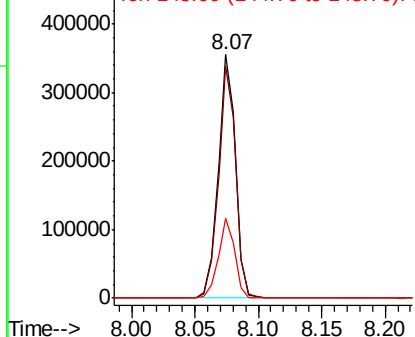


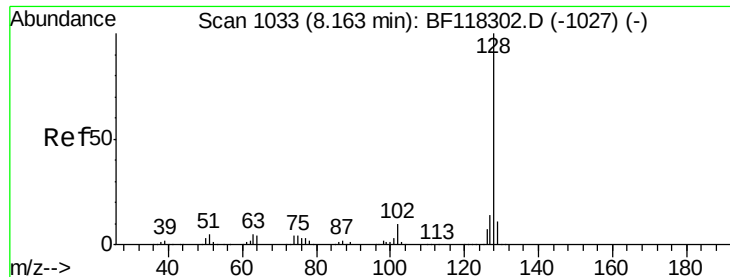
#30
1,2,4-Trichlorobenzene
Concen: 38.941 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		339175		
182	95.5	78.3		117.5	
145	32.5	26.7		40.1	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





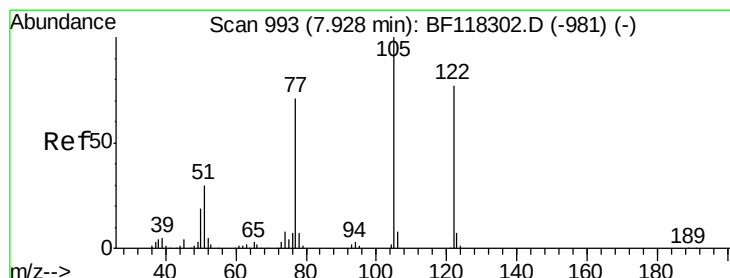
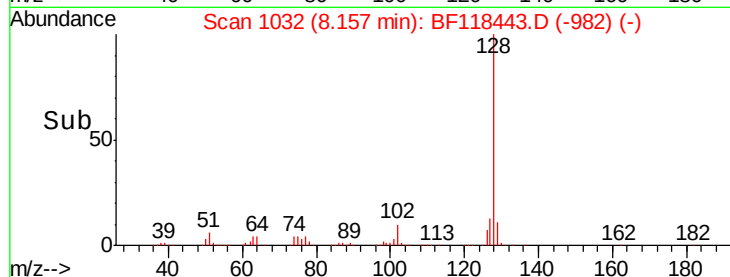
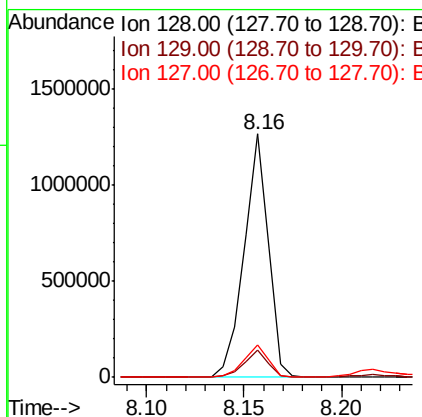
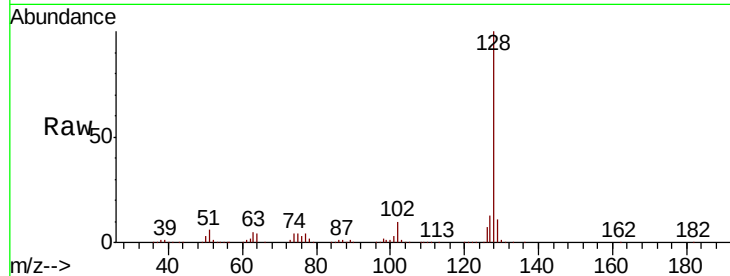
#31
Naphthalene
Concen: 41.806 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.4	11.0	16.4

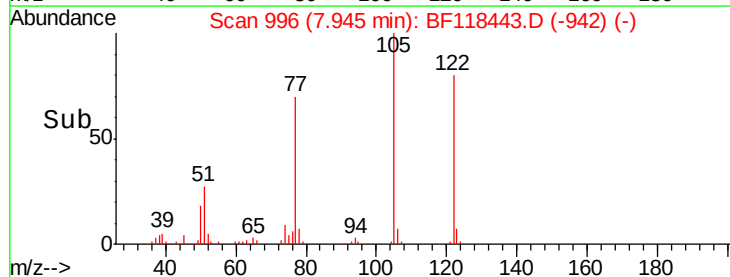
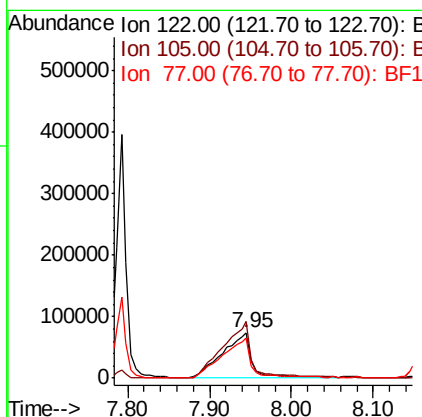
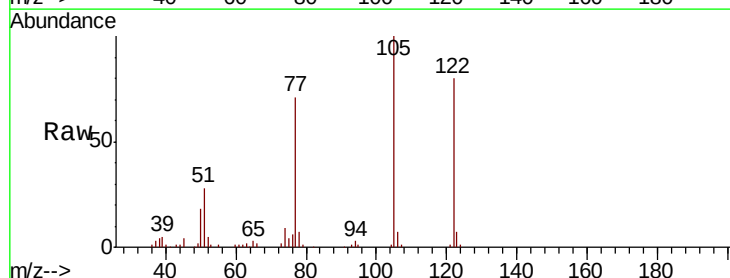
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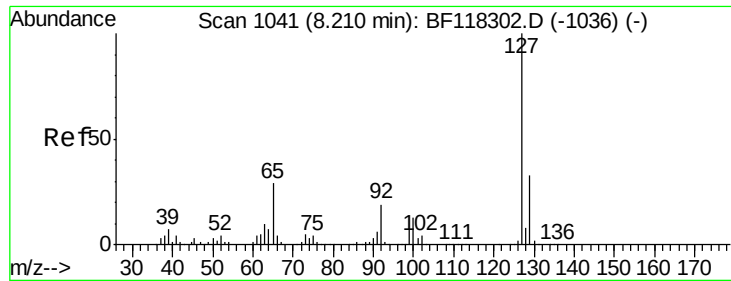
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#32
Benzoic acid
Concen: 35.288 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.02 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.7	106.8	146.8
77	89.1	70.4	110.4





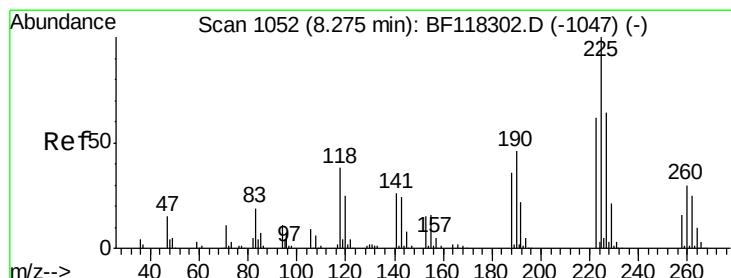
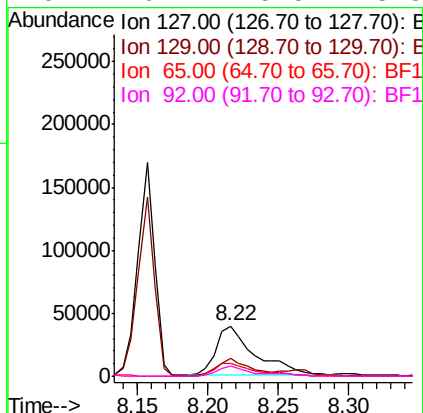
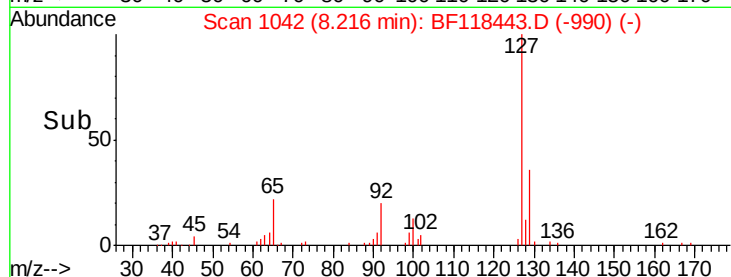
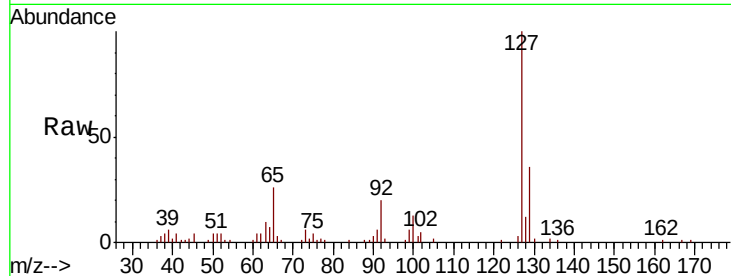
#33
4-Chloroaniline
Concen: 6.862 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.8	26.5	39.7		
65	26.3	22.8	34.2		
92	20.1	15.5	23.3		

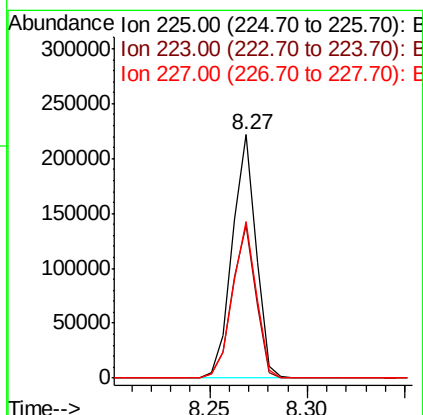
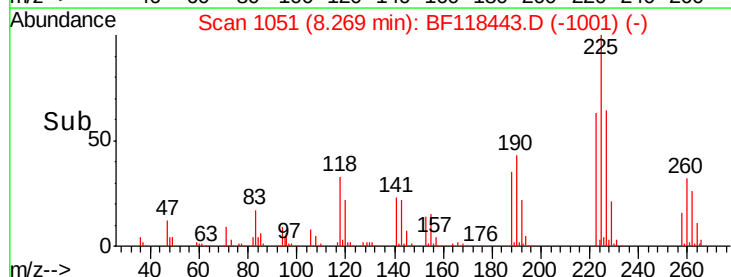
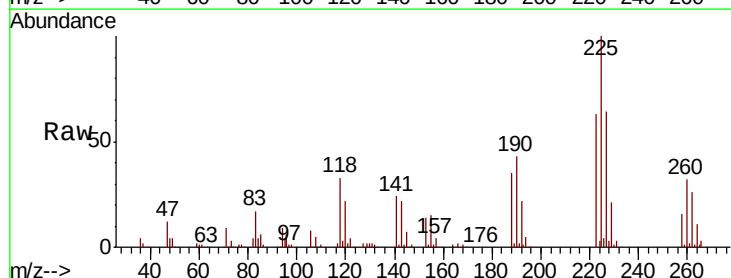
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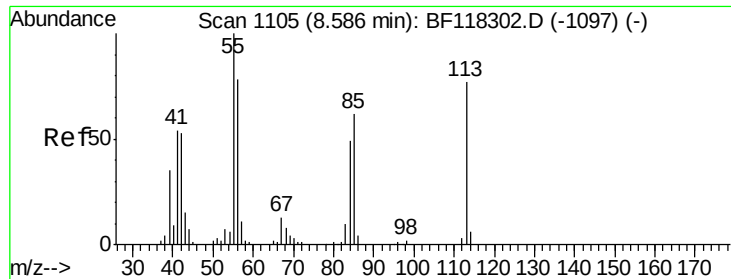
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#34
Hexachlorobutadiene
Concen: 36.028 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	49.5	74.3		
227	64.3	51.0	76.4		





#35

Caprolactam

Concen: 37.458 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

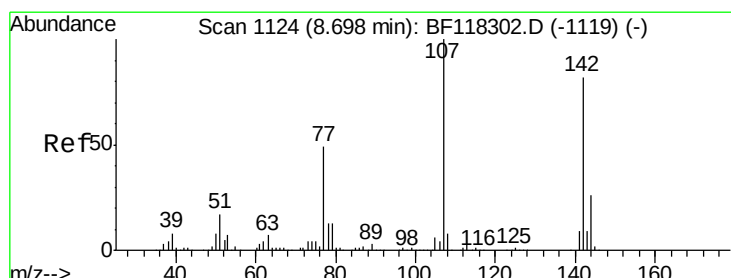
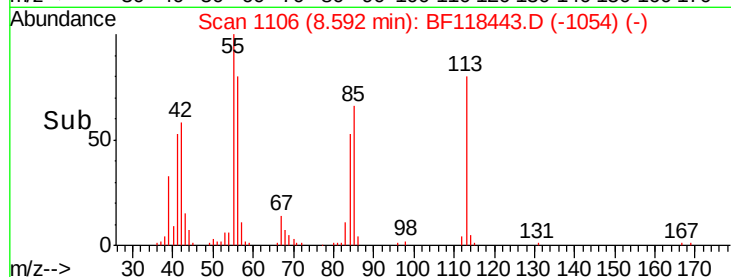
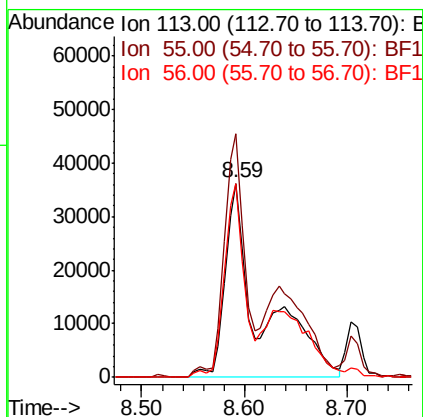
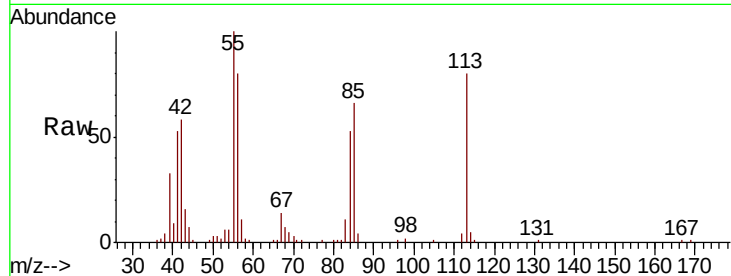
ClientSampleId :

EO-O1-122719MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	125.5	109.8	149.8	
56	100.1	81.7	121.7	

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#36

4-Chloro-3-methylphenol

Concen: 43.429 ng/ml

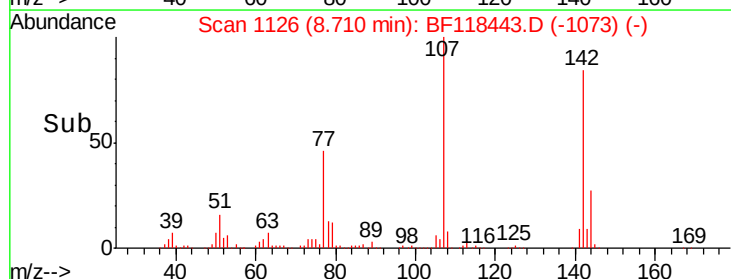
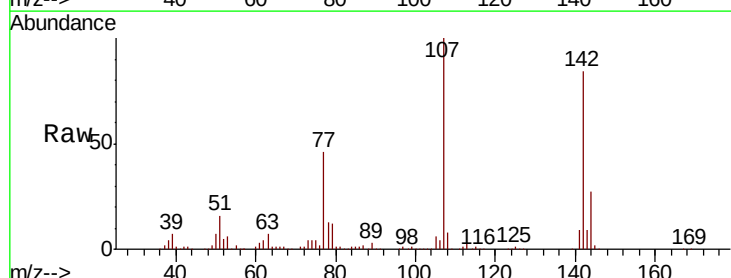
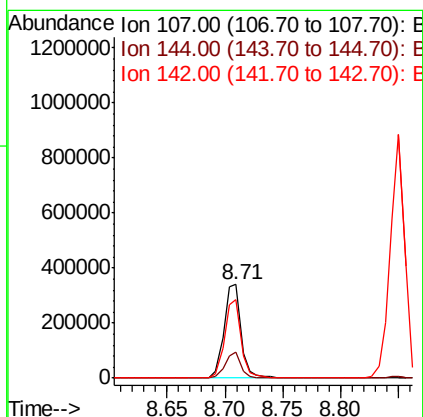
RT: 8.71 min Scan# 1126

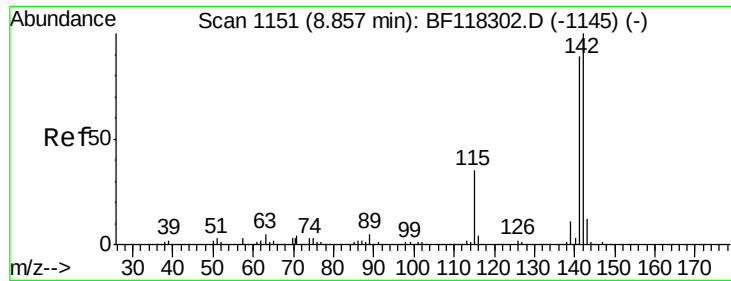
Delta R.T. 0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.5	21.2	31.8	
142	83.7	65.4	98.2	





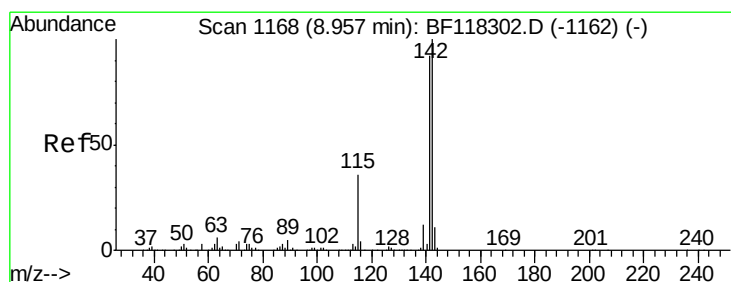
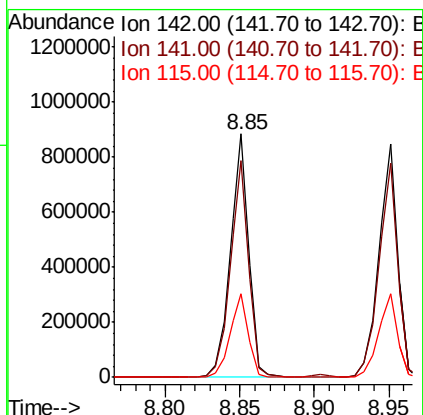
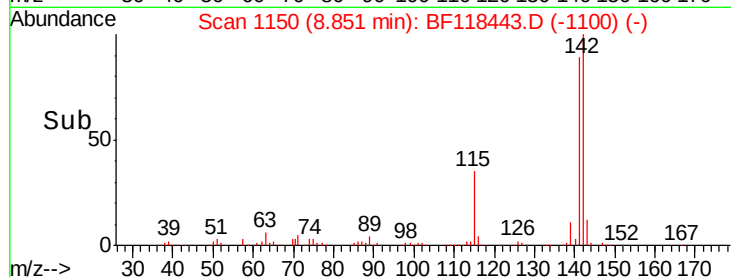
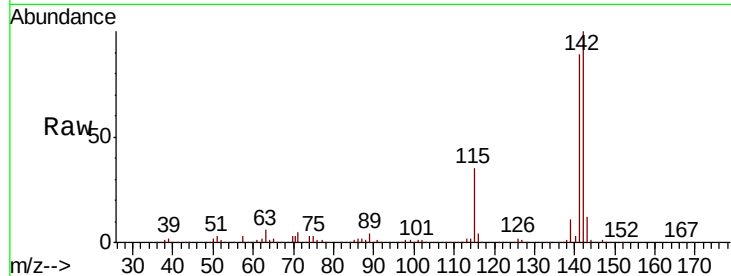
#37
2-Methylnaphthalene
Concen: 43.225 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.2	106.8
115	34.5	28.0	42.0

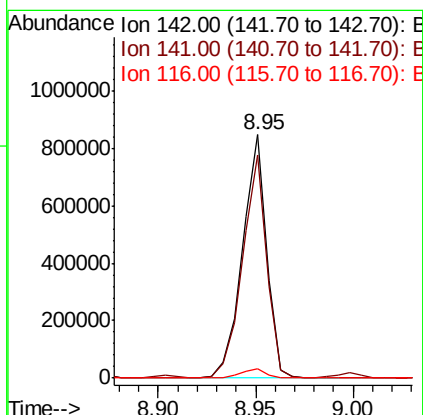
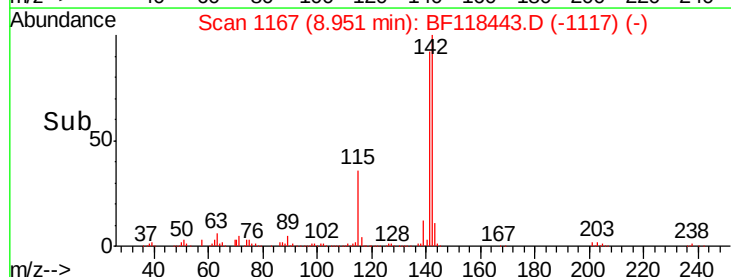
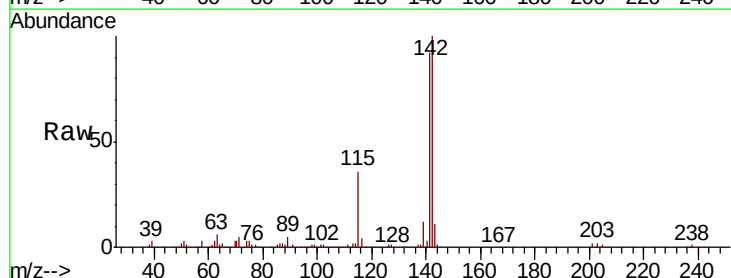
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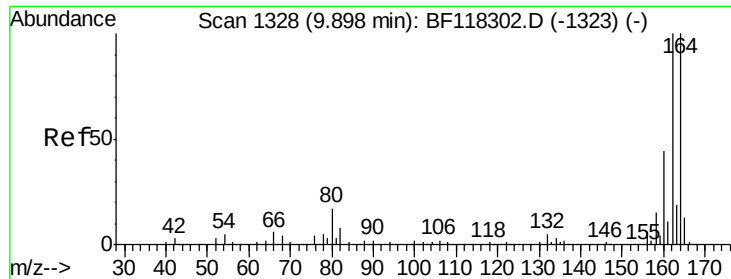
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#38
1-Methylnaphthalene
Concen: 43.169 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.2
116	3.8	2.9	4.3





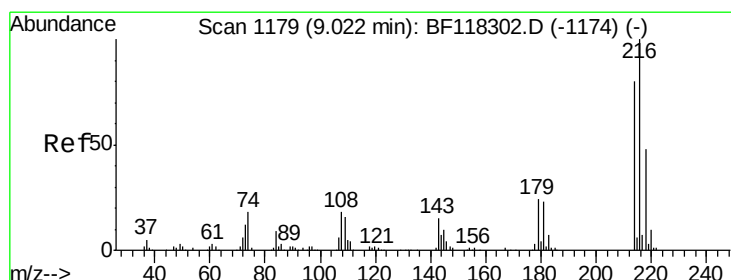
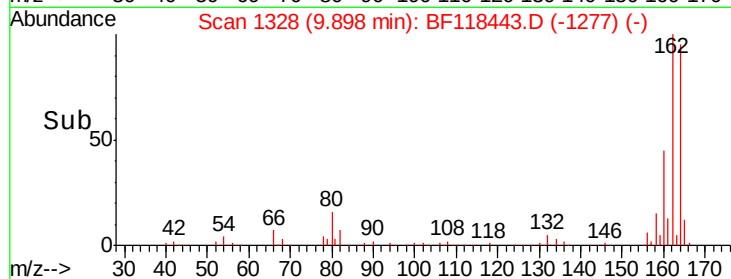
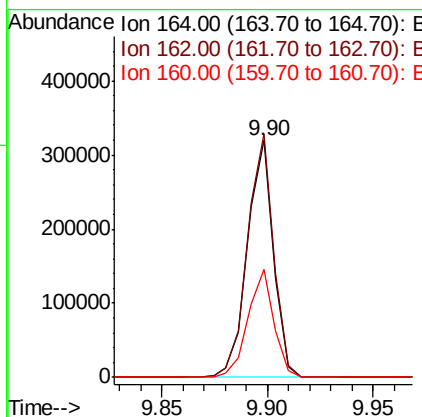
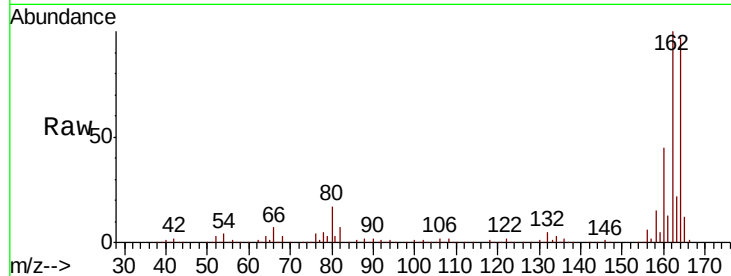
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.0	120.0
160	45.7	34.8	52.2

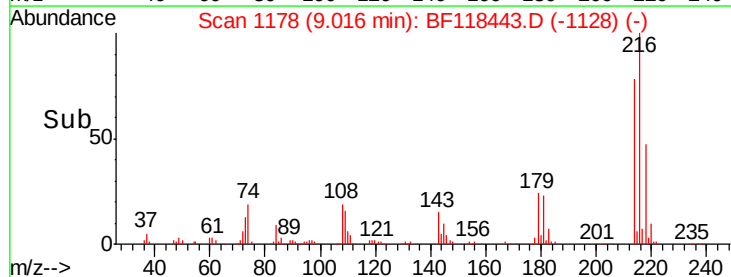
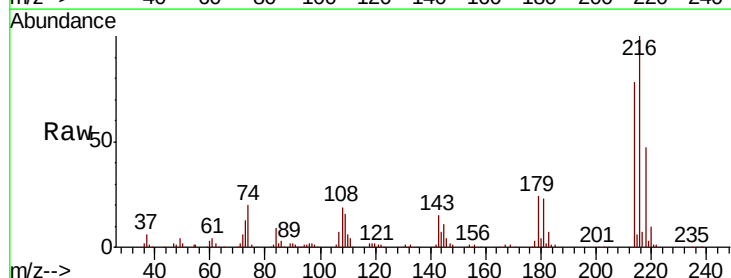
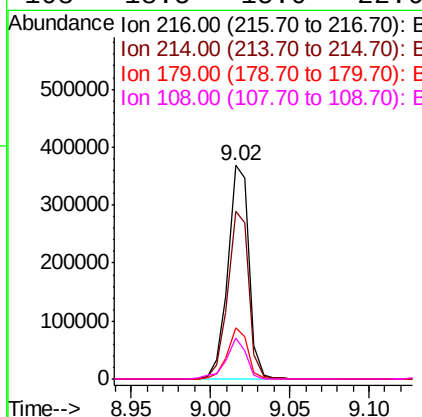
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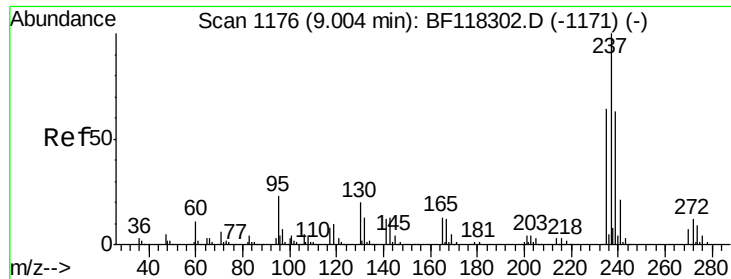
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.261 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.3	94.9
179	23.0	18.9	28.3
108	18.5	15.0	22.6





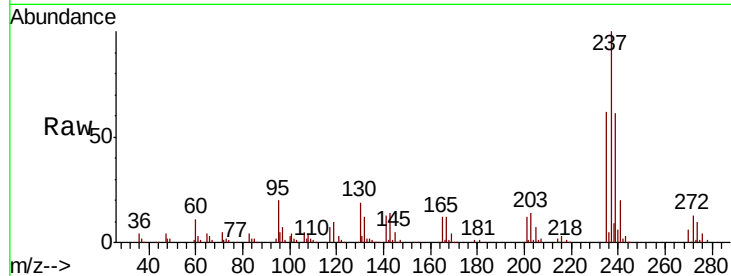
#41
Hexachlorocyclopentadiene
Concen: 38.383 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

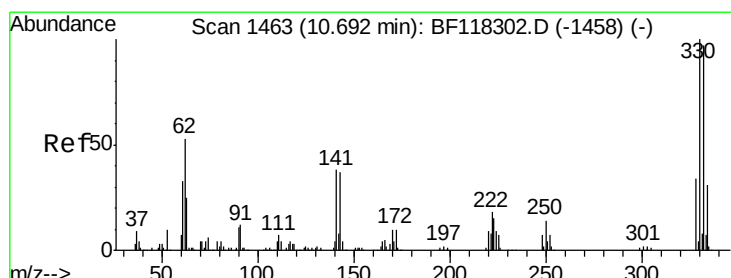
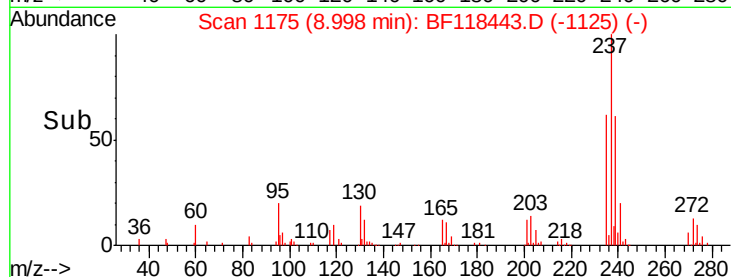
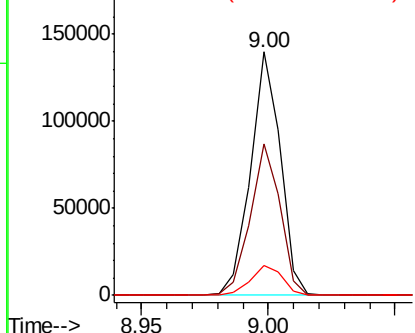
Tot Ion:	237	Resp:	114766
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.8	83.8
272	12.5	0.0	31.7

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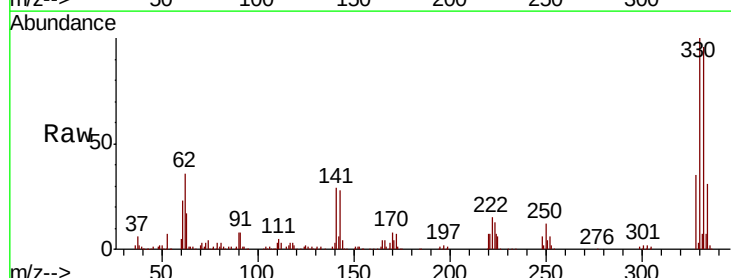


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

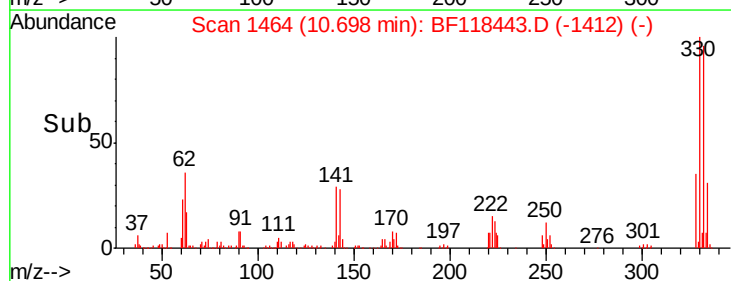
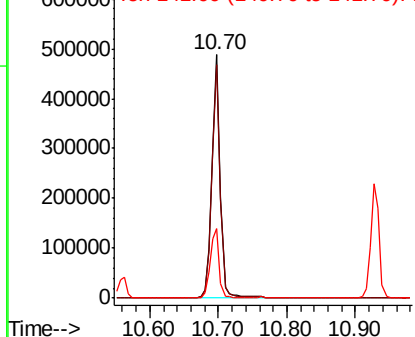


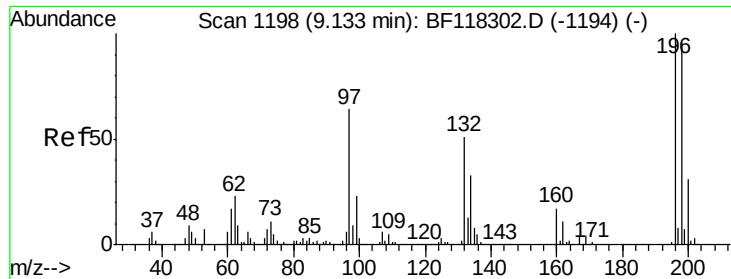
#42
2,4,6-Tribromophenol
Concen: 124.083 ng
RT: 10.70 min Scan# 1464
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion:	330	Resp:	420158
Ion Ratio	Lower	Upper	
330	100		
332	96.0	76.6	114.8
141	30.9	26.0	39.0



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





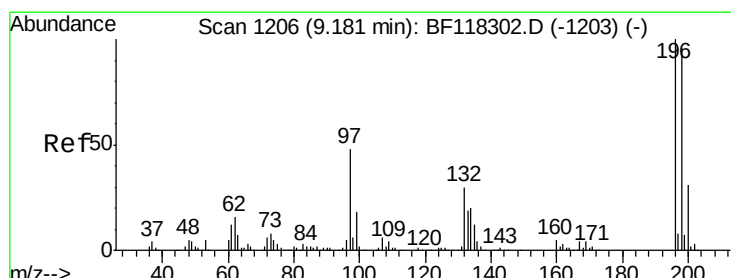
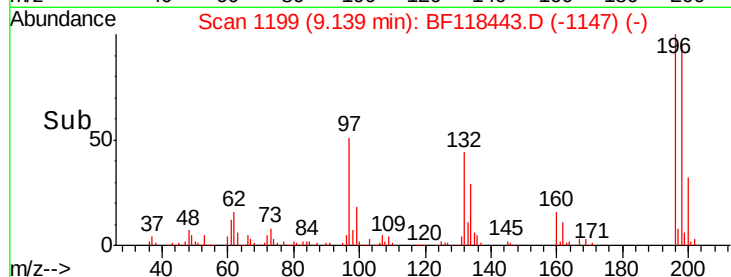
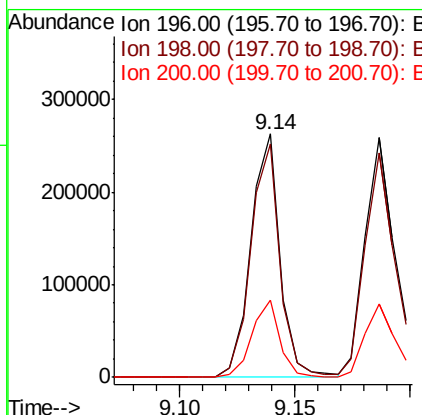
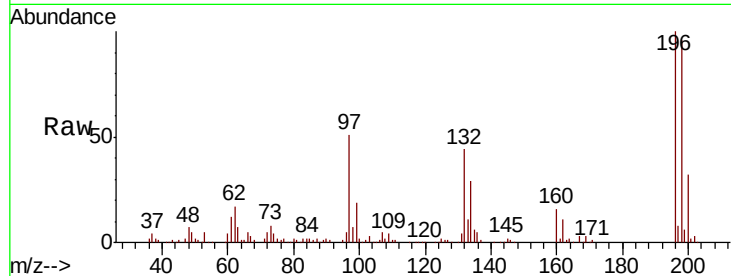
#43
 2,4,6-Trichlorophenol
 Concen: 42.244 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	232503		
198	95.7	76.7	115.1	
200	31.9	24.8	37.2	

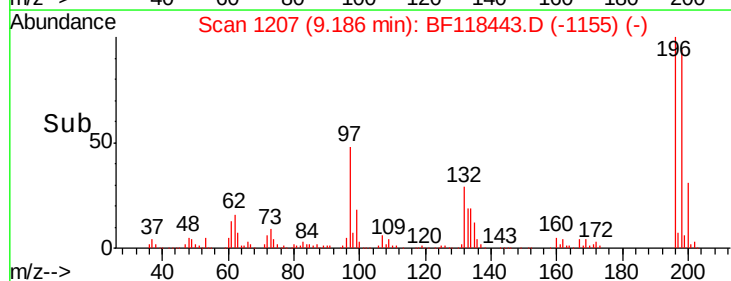
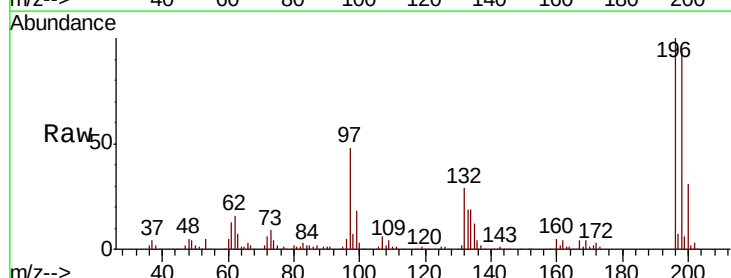
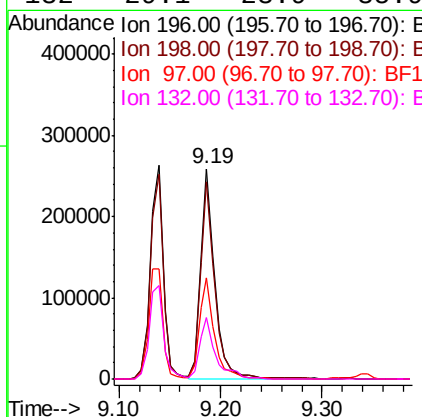
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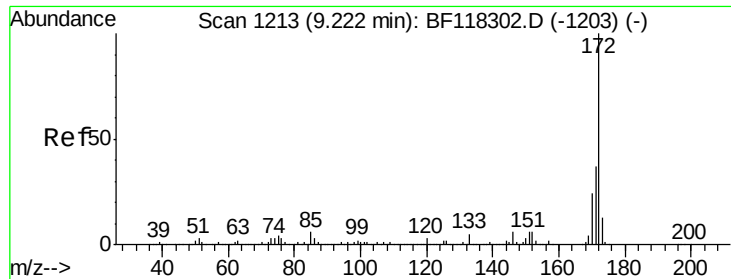
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 44.607 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252553		
198	93.7	77.0	115.4	
97	48.3	38.9	58.3	
132	29.1	23.9	35.9	





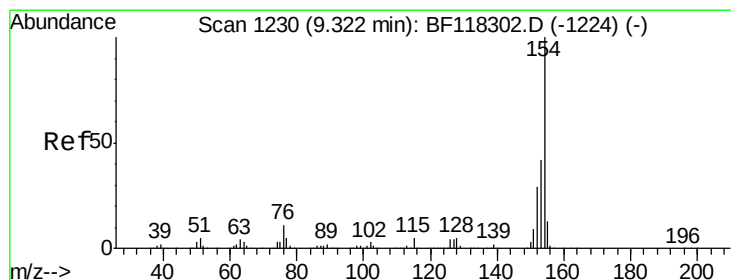
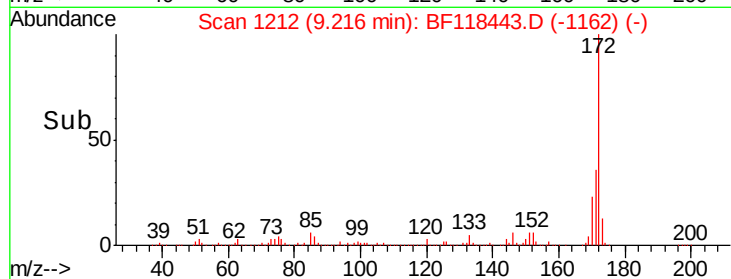
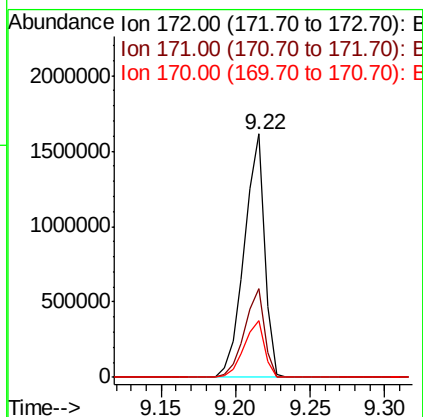
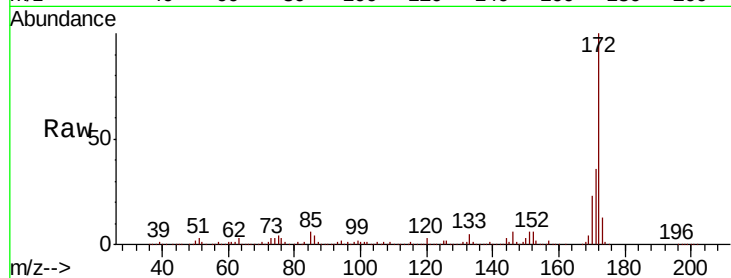
#45
2-Fluorobiphenyl
Concen: 84.940 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.3	43.9
170	23.3	19.2	28.8

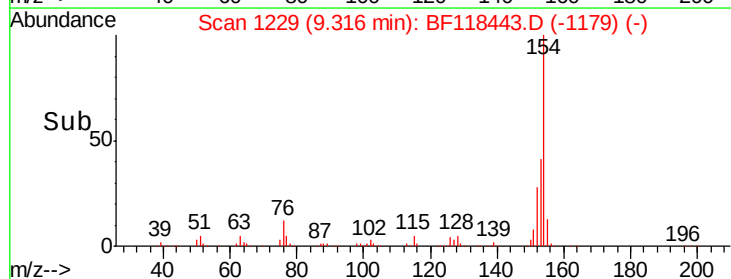
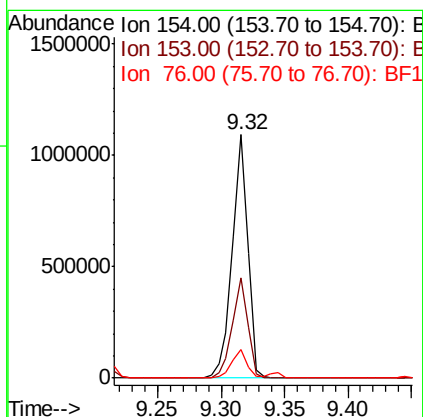
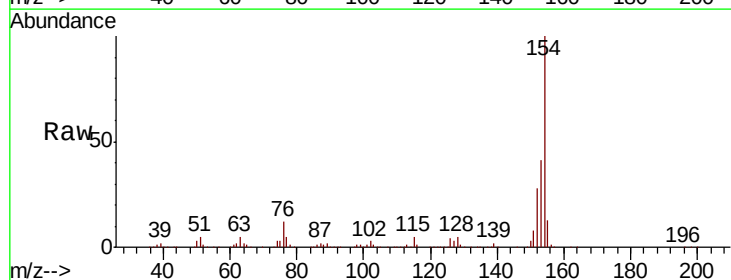
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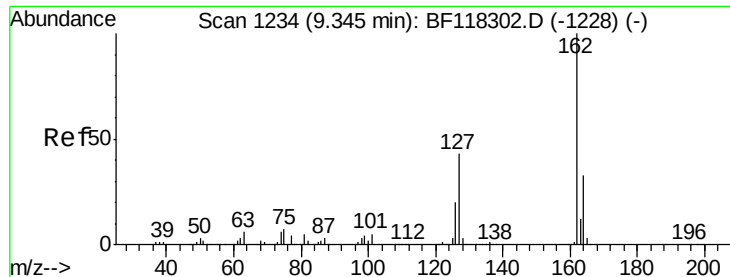
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#46
1,1'-Biphenyl
Concen: 42.669 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.8	61.8
76	11.6	0.0	30.9





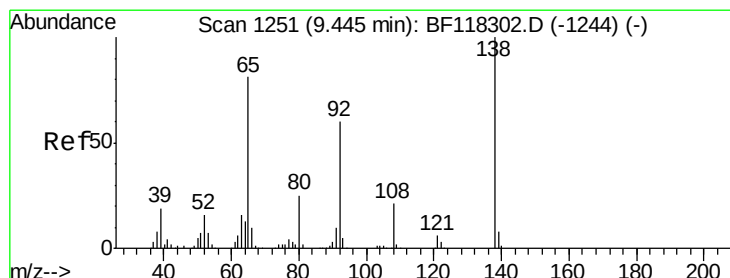
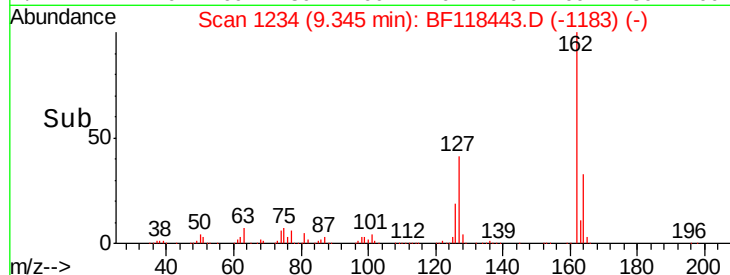
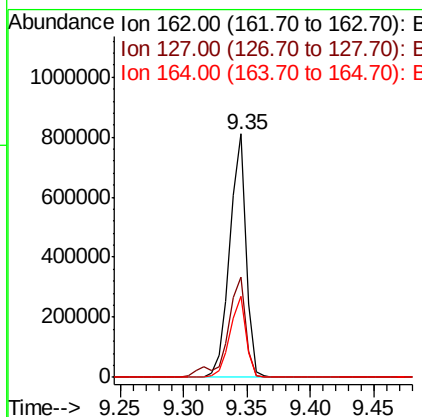
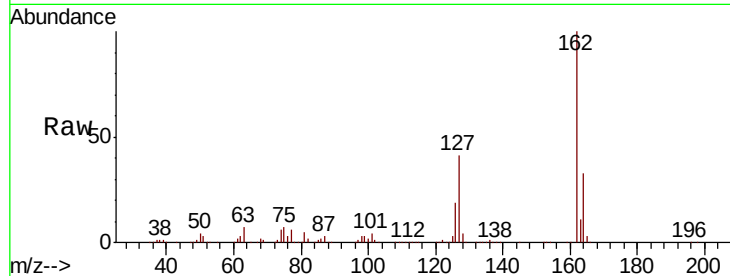
#47
2-Chloronaphthalene
Concen: 41.057 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	716629		
127	41.3		35.0	52.4
164	33.3		26.6	40.0

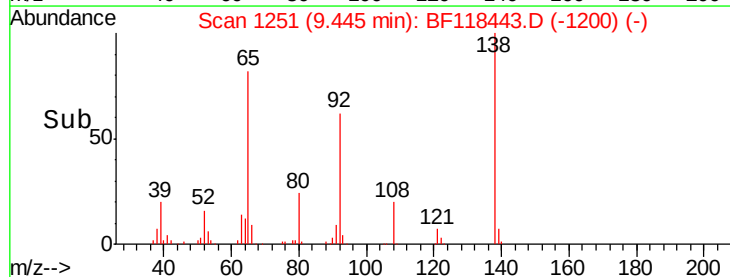
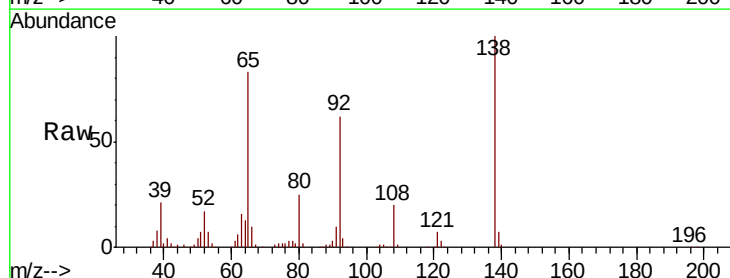
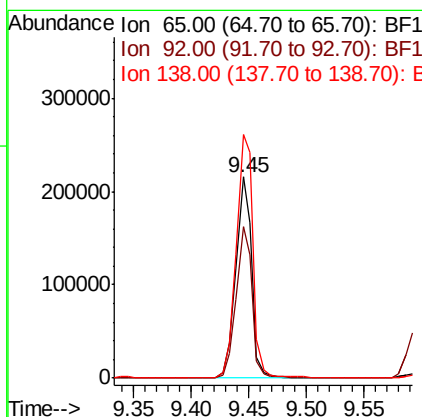
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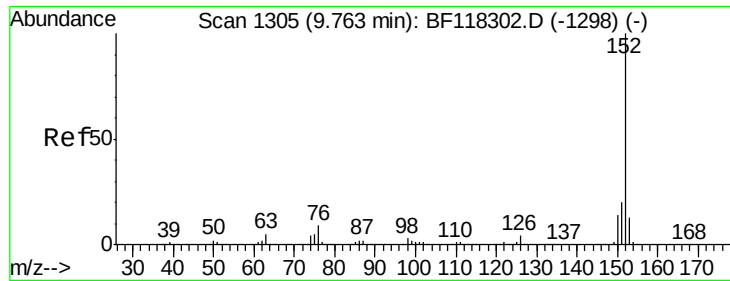
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#48
2-Nitroaniline
Concen: 41.617 ng
RT: 9.45 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	205177		
92	75.5		58.7	88.1
138	121.1		98.5	147.7





#49

Acenaphthylene

Concen: 43.738 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

ClientSampleId :

EO-O1-122719MSD

Tot Ion:152 Resp: 1132255

Ion Ratio Lower Upper

152 100

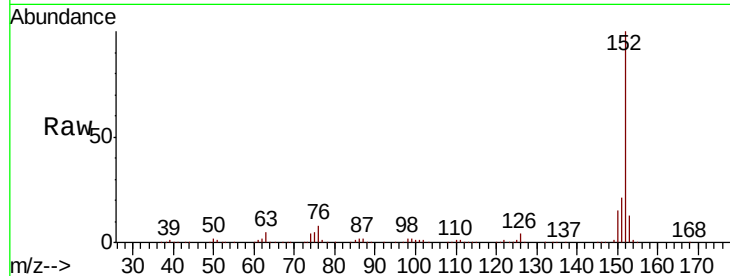
151 20.6 16.2 24.2

153 13.2 10.5 15.7

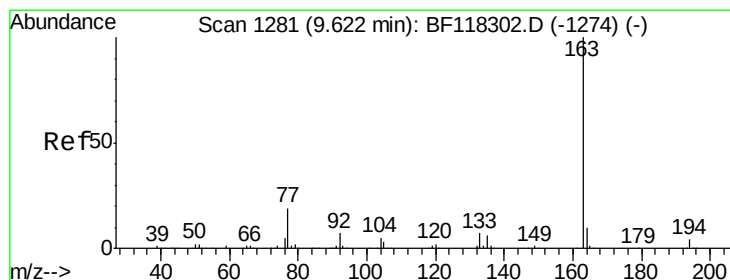
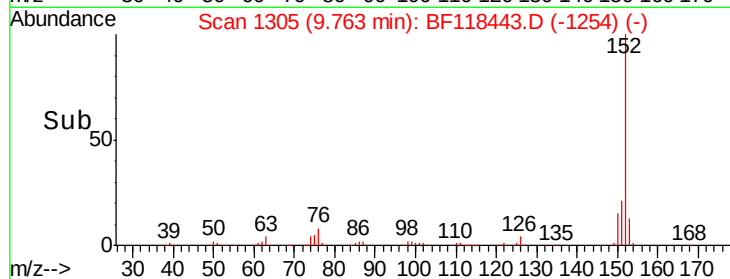
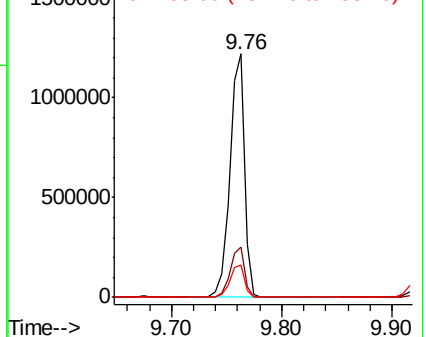
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.951 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

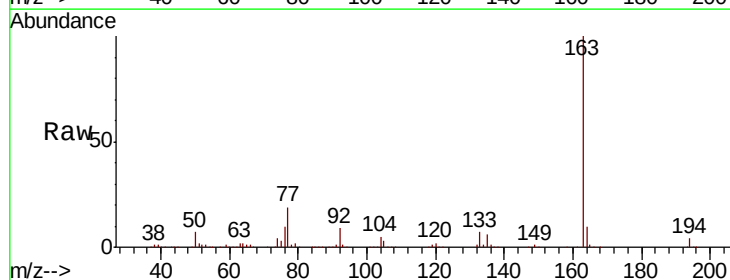
Tgt Ion:163 Resp: 884021

Ion Ratio Lower Upper

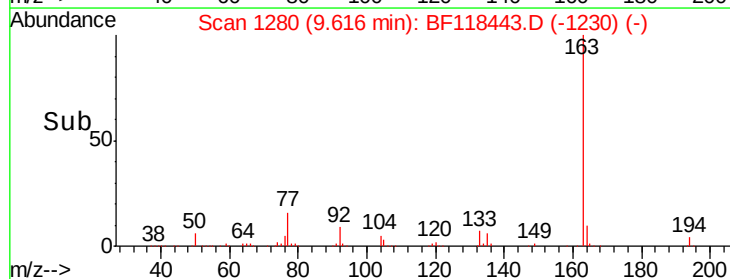
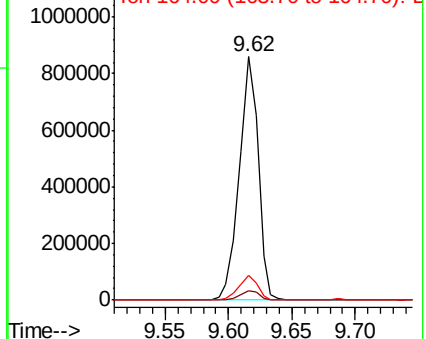
163 100

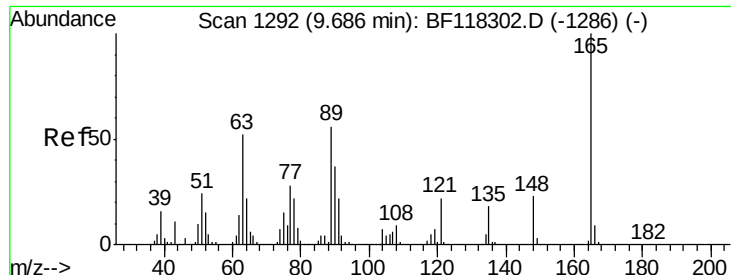
194 3.8 3.2 4.8

164 10.2 7.9 11.9



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





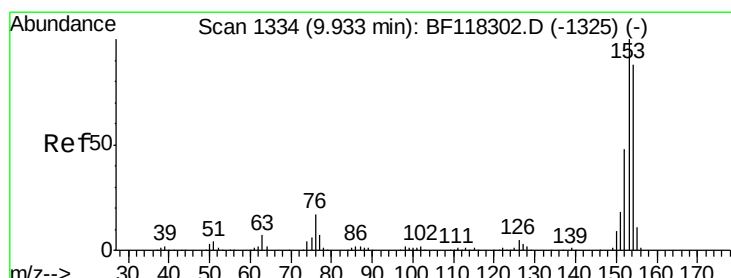
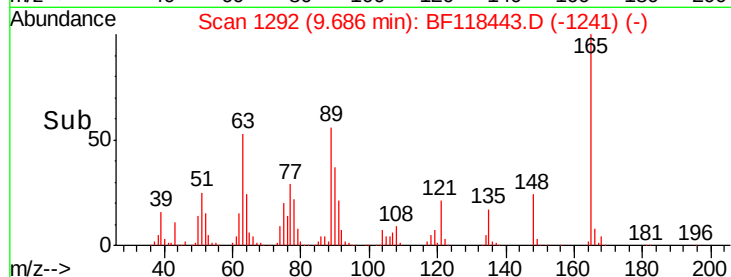
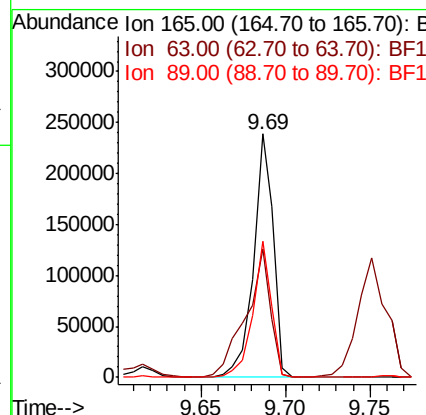
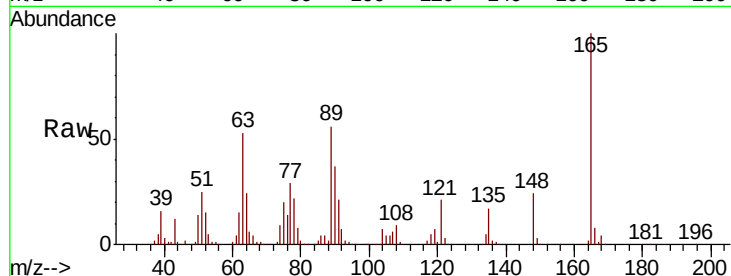
#51
2,6-Dinitrotoluene
Concen: 44.026 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	195358		
63	53.0	42.2	63.4	
89	55.8	44.4	66.6	

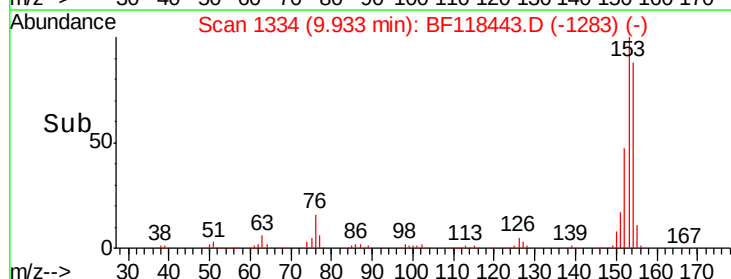
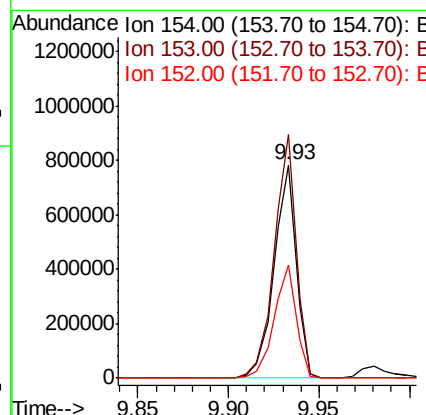
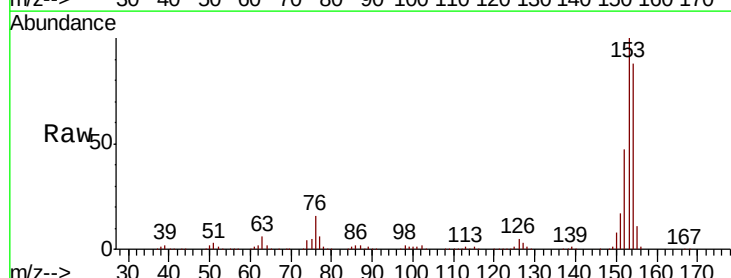
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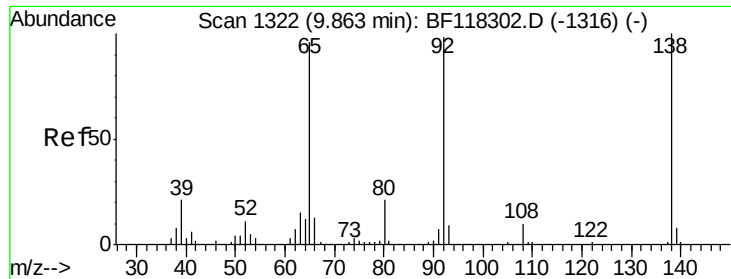
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#52
Acenaphthene
Concen: 42.276 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	666609		
153	114.1	90.6	136.0	
152	53.1	43.1	64.7	





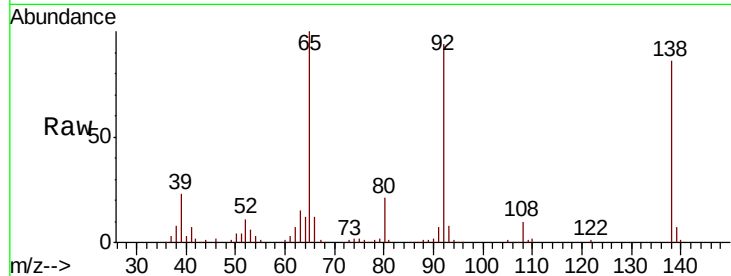
#53
3-Nitroaniline
Concen: 21.159 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.7	7.8	11.8
92	108.6	78.2	117.2

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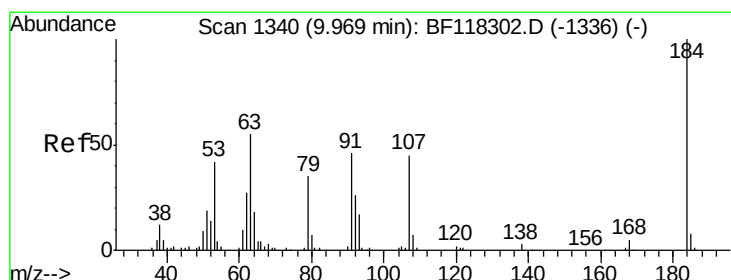
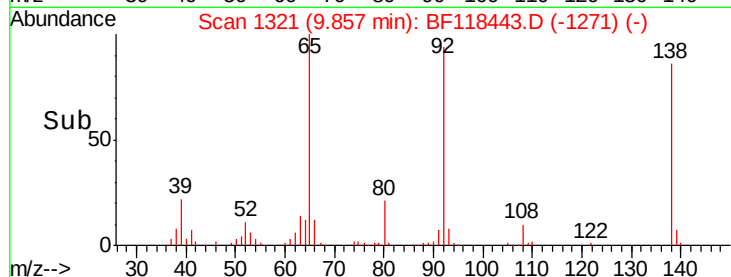
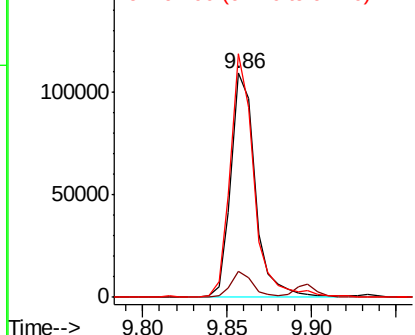


Abundance

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: 37.240 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

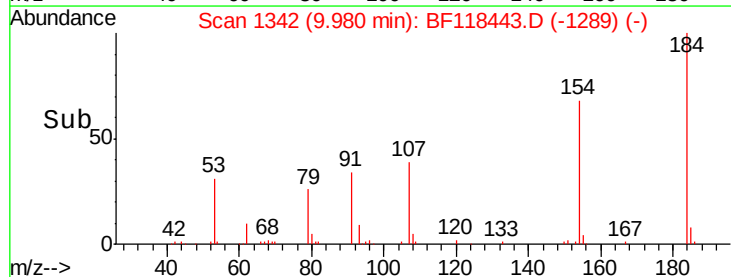
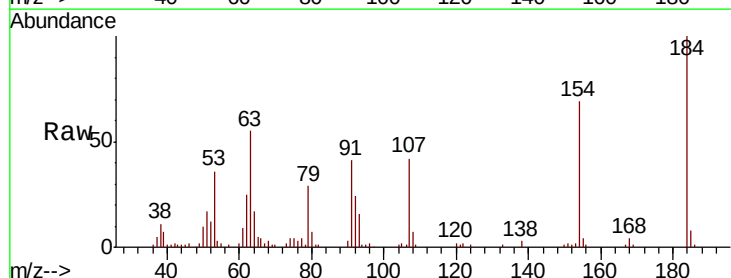
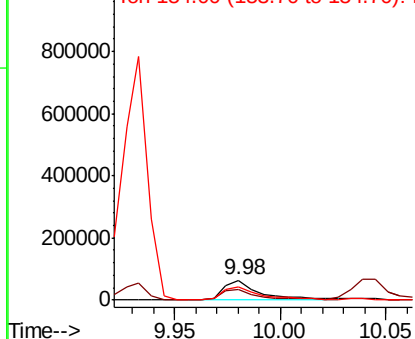
Tgt Ion	Ratio	Lower	Upper
184	100		
63	55.0	48.8	73.2
154	68.9	55.0	82.4

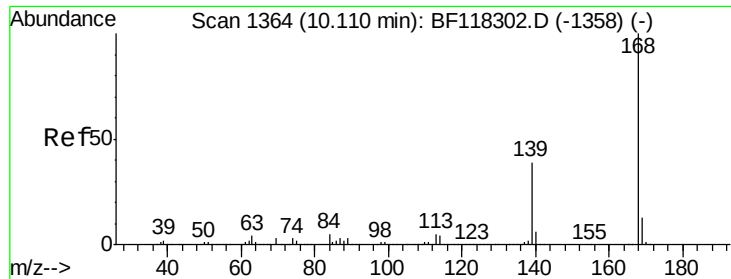
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





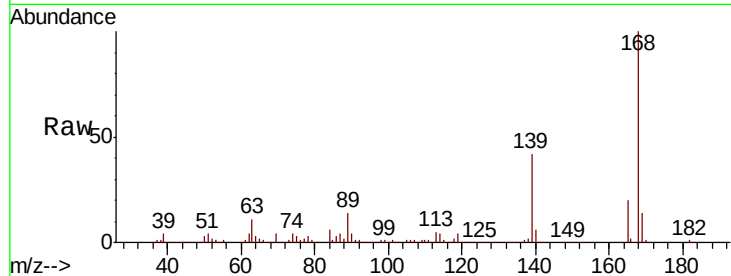
#55
Dibenzofuran
Concen: 43.172 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.1	31.5	47.3
169	13.9	10.4	15.6

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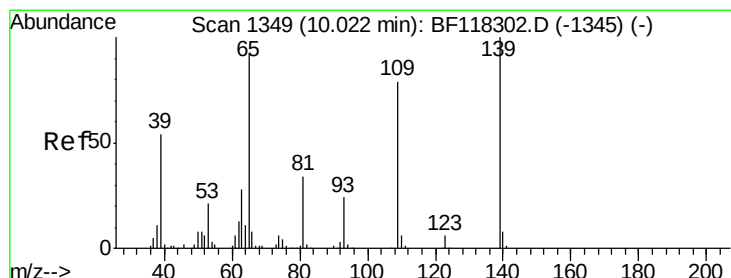
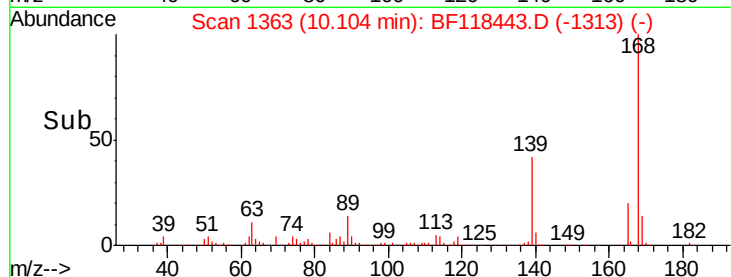
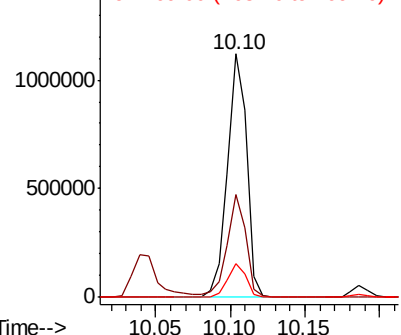


Abundance

Ion 168.00 (167.70 to 168.70): E

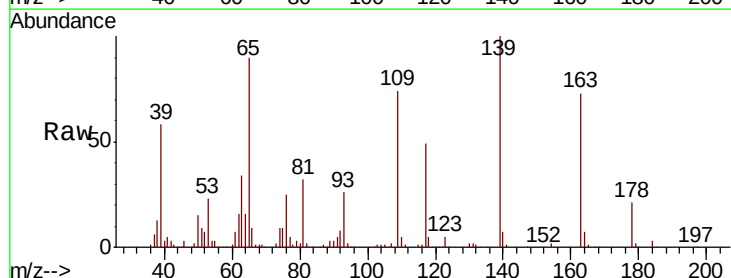
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 73.486 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.0	59.3	99.3
65	90.0	72.4	112.4

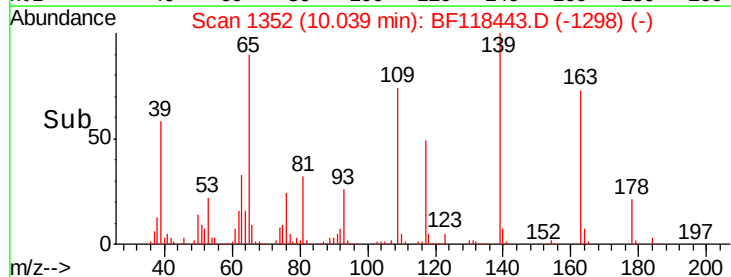
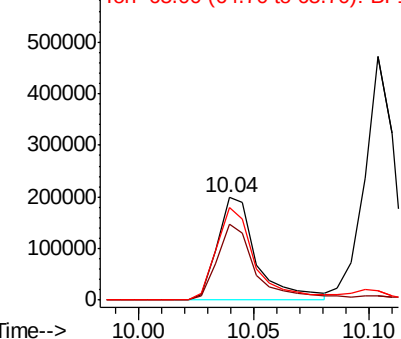


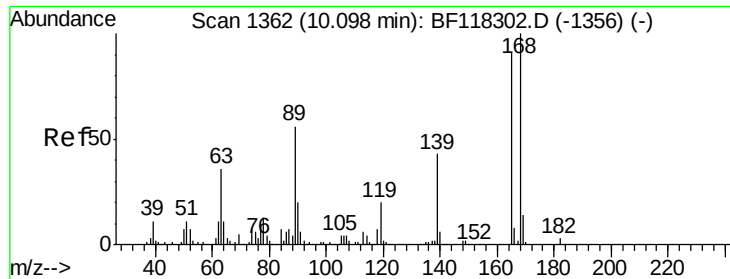
Abundance

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: 43.535 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

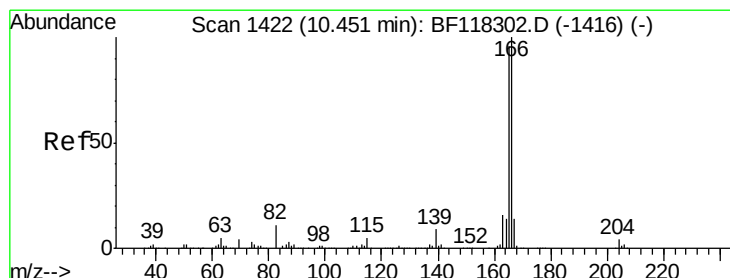
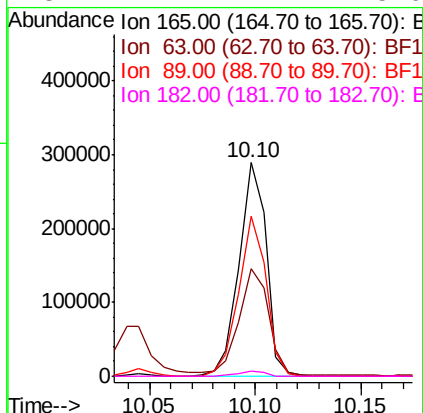
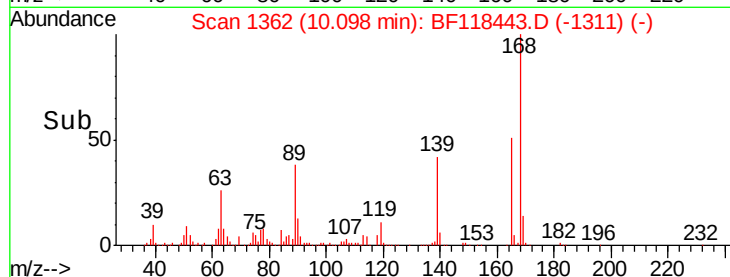
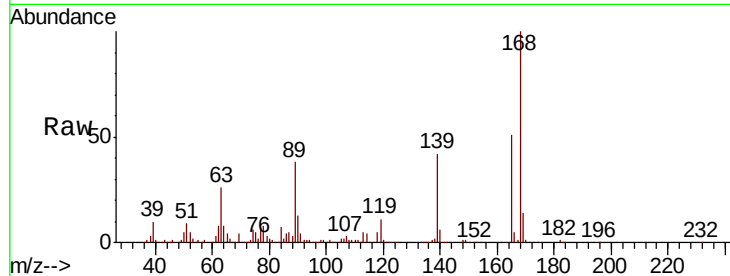
ClientSampleId :

EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	258131		
63	50.2	32.0	48.0#	
89	75.1	49.3	73.9#	
182	2.4	2.4	3.6#	

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#58

Fluorene

Concen: 43.150 ng

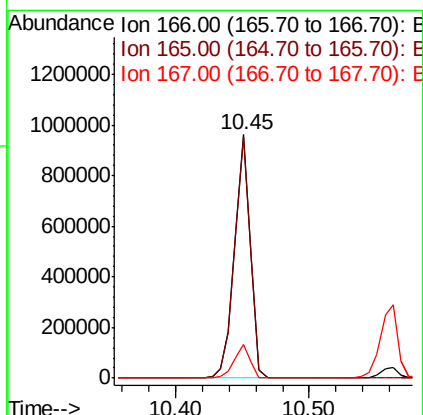
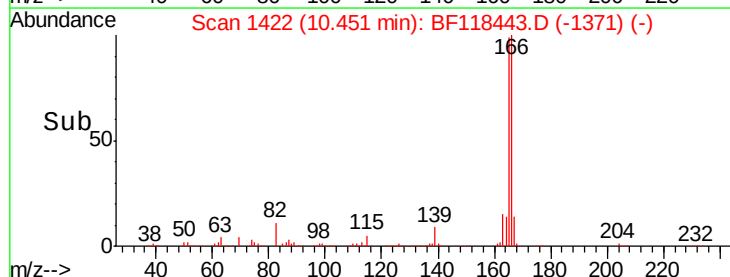
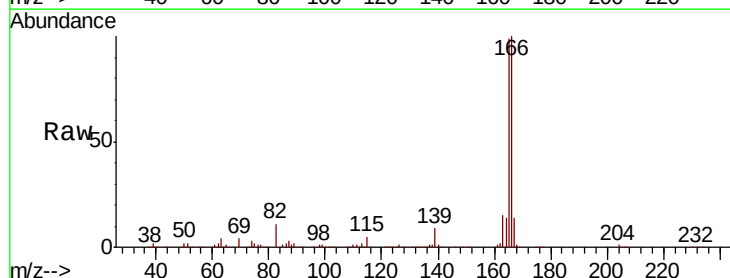
RT: 10.45 min Scan# 1422

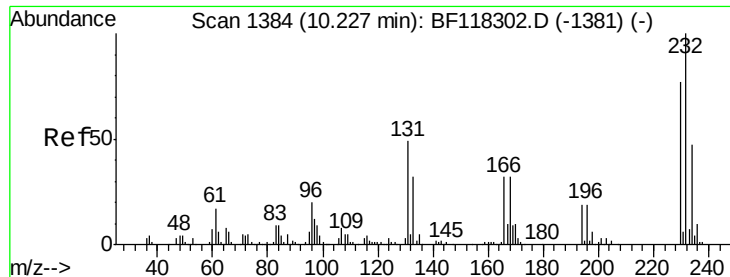
Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	811564		
165	99.1	77.0	115.4	
167	13.7	10.9	16.3	





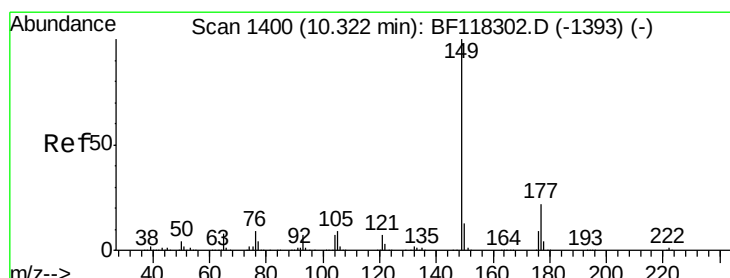
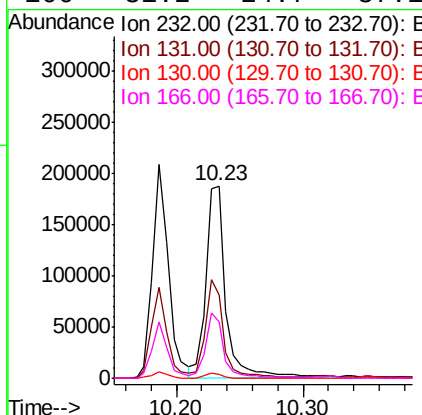
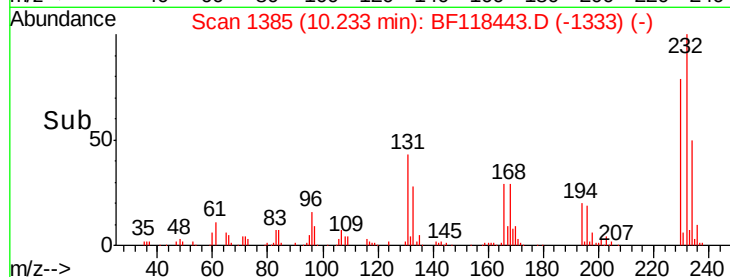
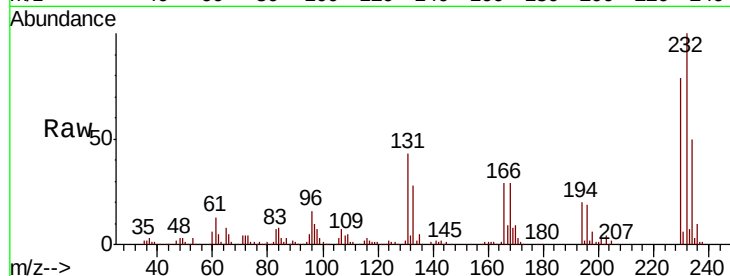
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.011 ng
RT: 10.23 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.1	37.7	56.5
130	2.6	2.0	3.0
166	31.2	24.7	37.1

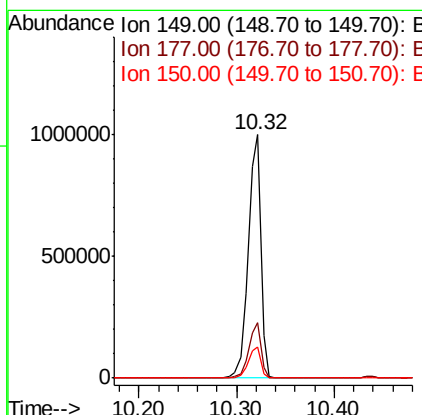
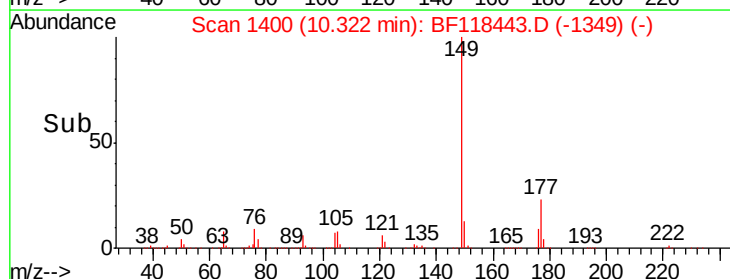
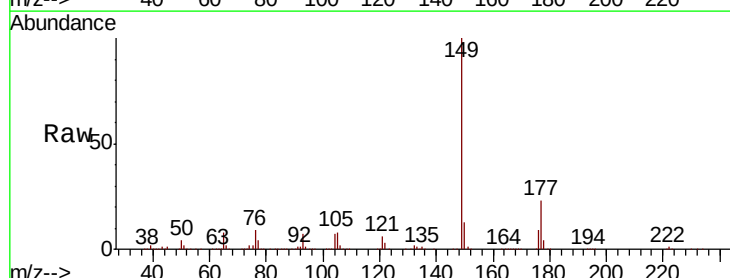
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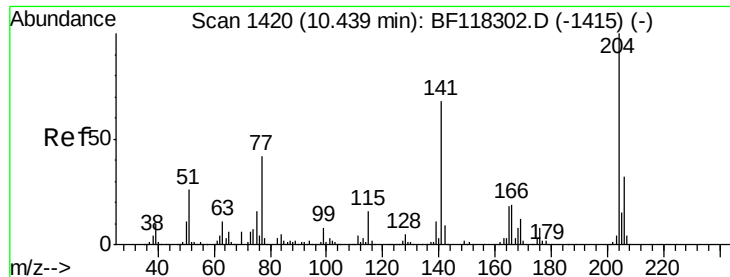
mohammad
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#60
Diethylphthalate
Concen: 43.903 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.9	26.9
150	12.8	10.2	15.2





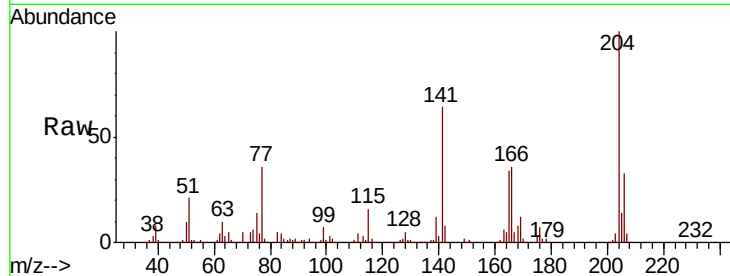
#61
4-Chlorophenyl-phenylether
Concen: 42.820 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	25.8	38.8
141	63.7	54.2	81.4

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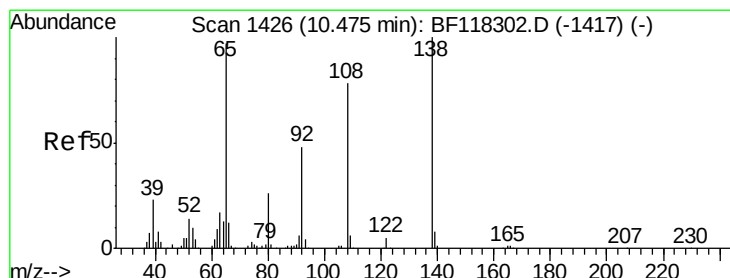
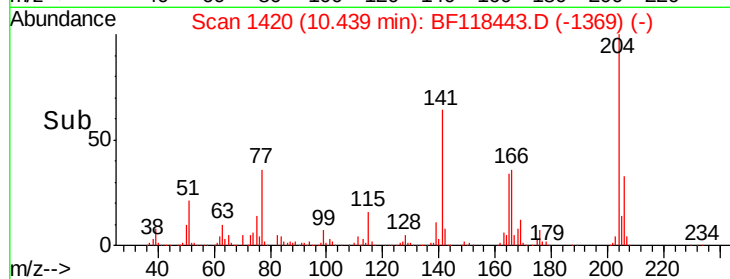
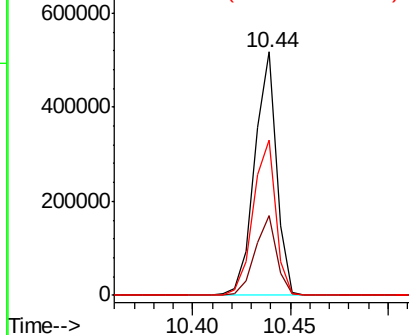


Abundance

Ion 204.00 (203.70 to 204.70): E

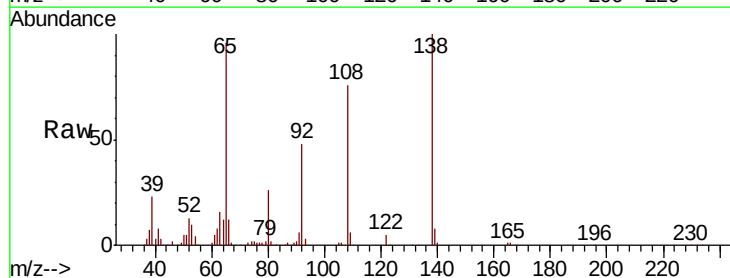
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 35.889 ng
RT: 10.48 min Scan# 1427
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.6	27.9	67.9
108	75.9	58.1	98.1

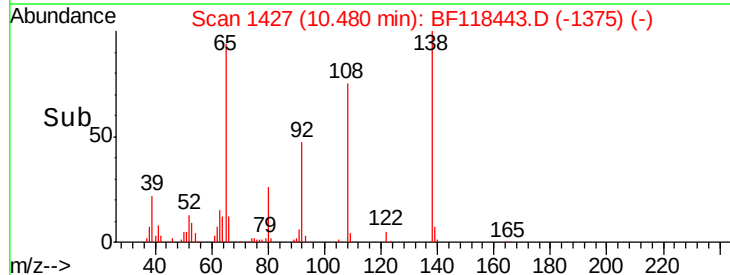
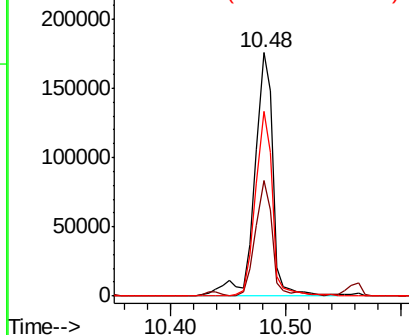


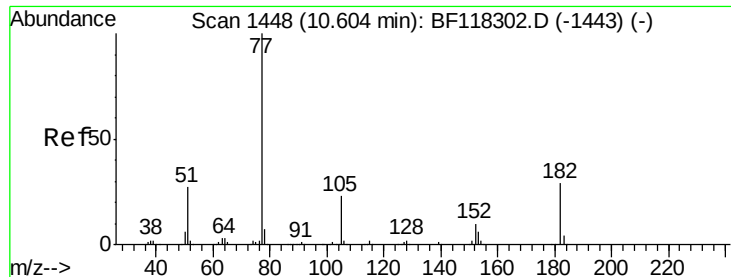
Abundance

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





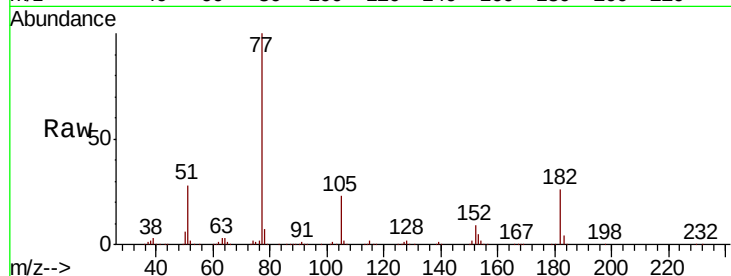
#63
Azobenzene
Concen: 42.887 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

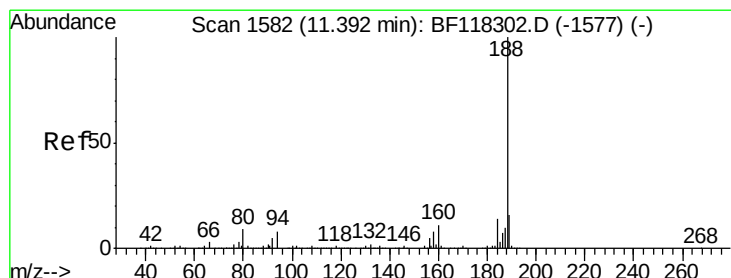
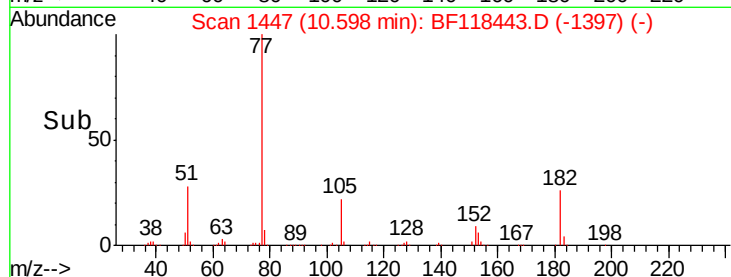
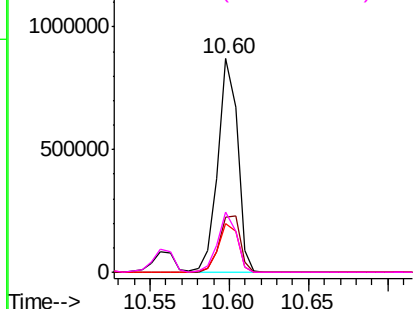
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.9	9.2	49.2
105	23.1	3.2	43.2
51	27.9	7.1	47.1

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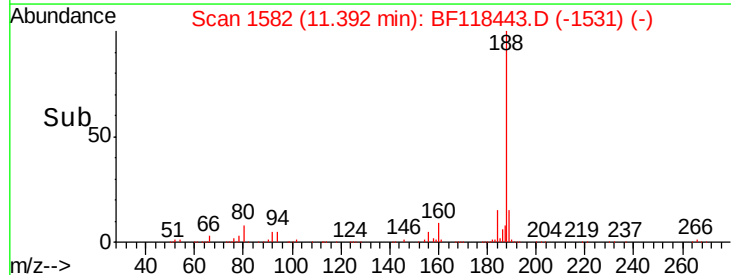
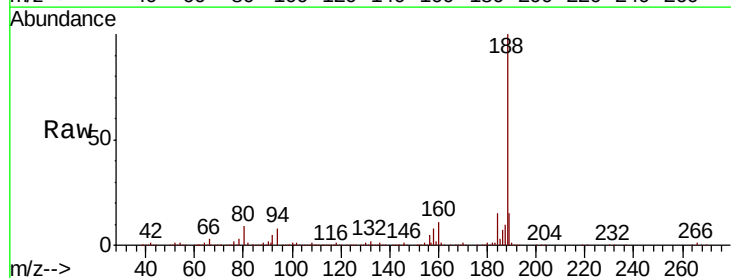
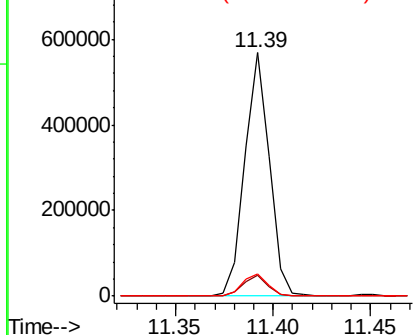
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

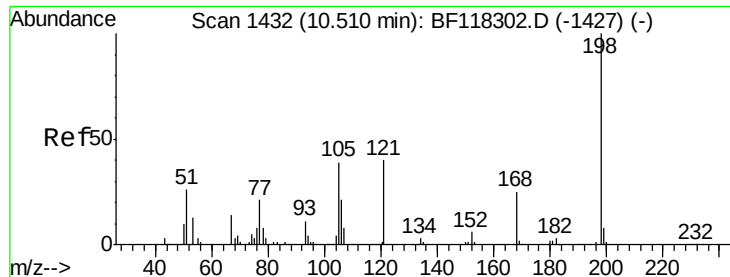


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.7	10.1
80	9.0	7.2	10.8

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





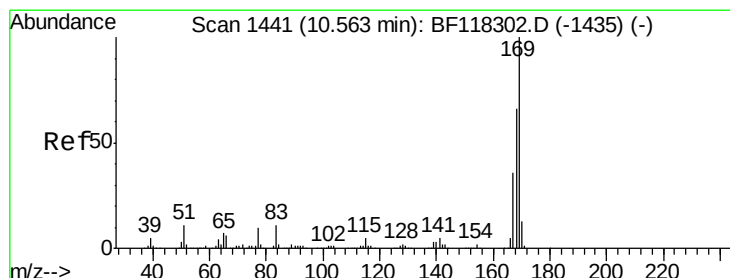
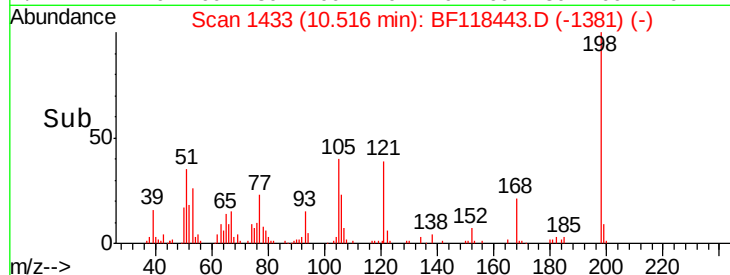
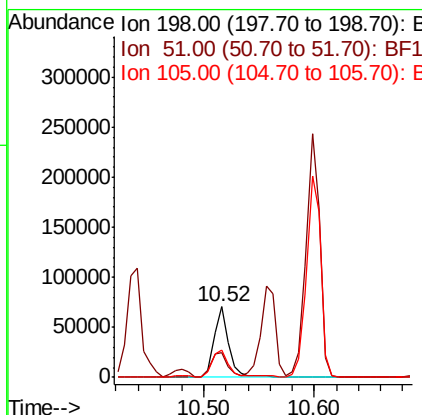
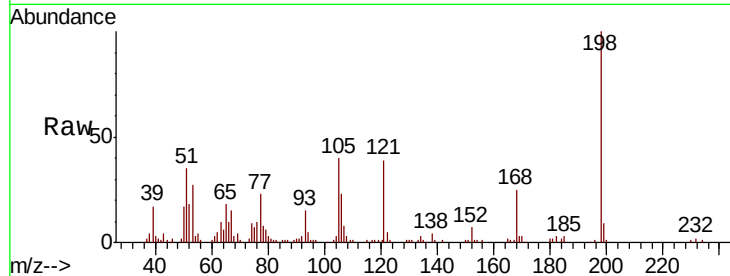
#65
 4,6-Dinitro-2-methylphenol
 Concen: 24.505 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. 0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	35.1	12.8	52.8
105	39.5	20.3	60.3

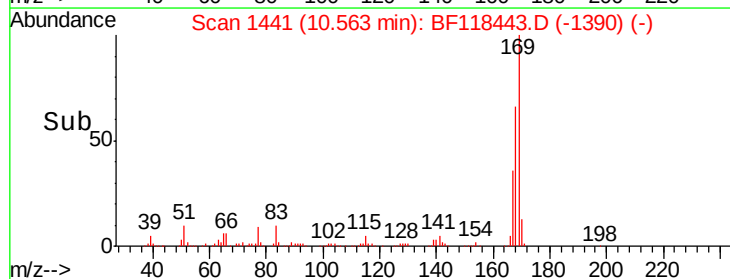
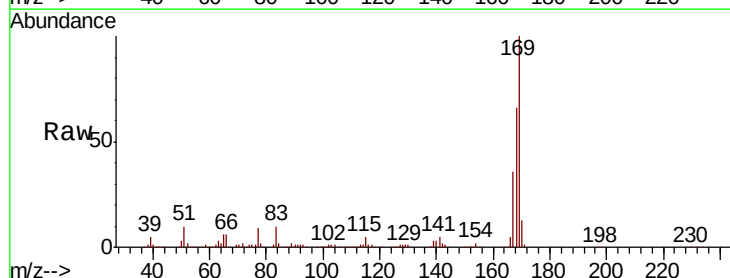
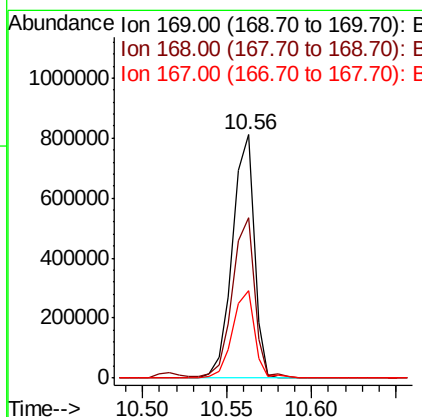
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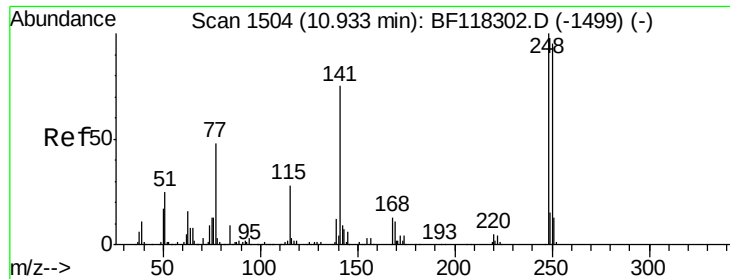
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#66
 n-Nitrosodiphenylamine
 Concen: 45.503 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.00 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.9	52.6	79.0
167	35.9	28.4	42.6





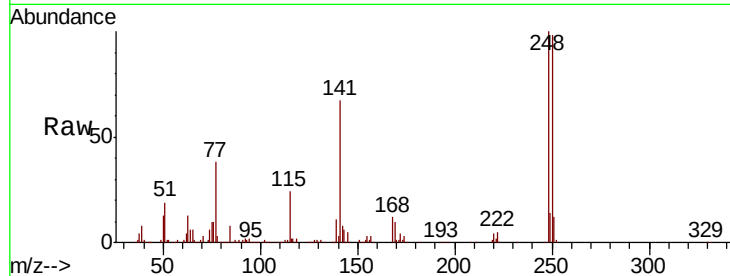
#67
 4-Bromophenyl-phenylether
 Concen: 43.242 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

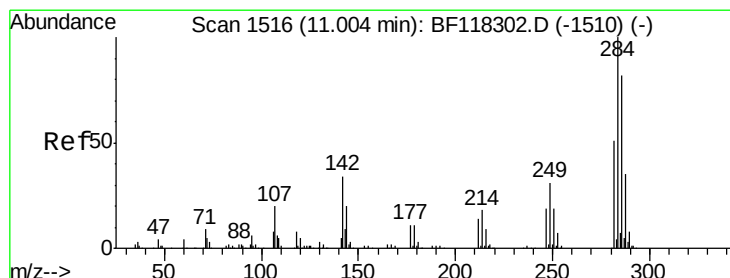
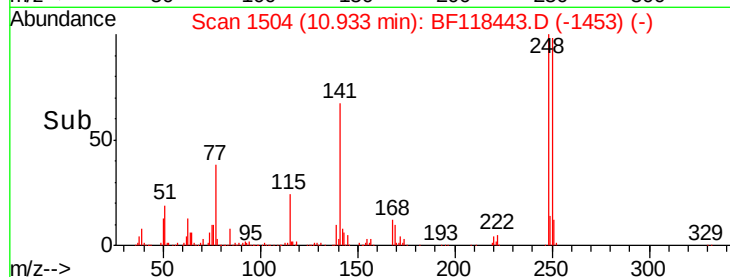
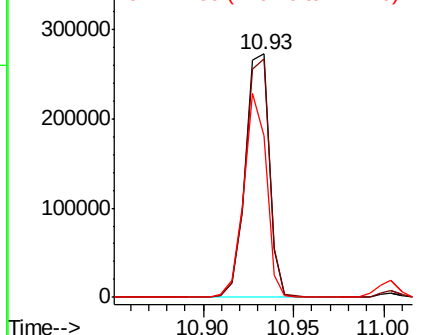
Tot Ion:	248	Resp:	251994
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.4	114.6
141	66.6	60.2	90.2

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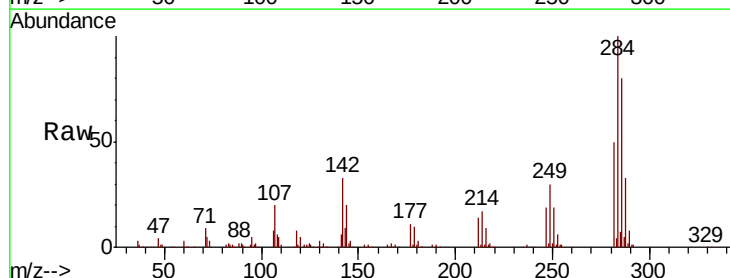


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

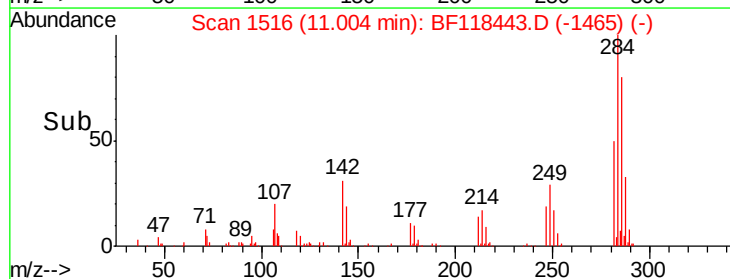
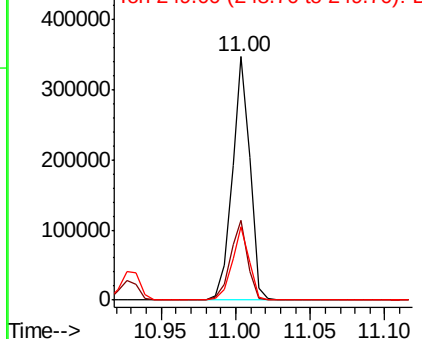


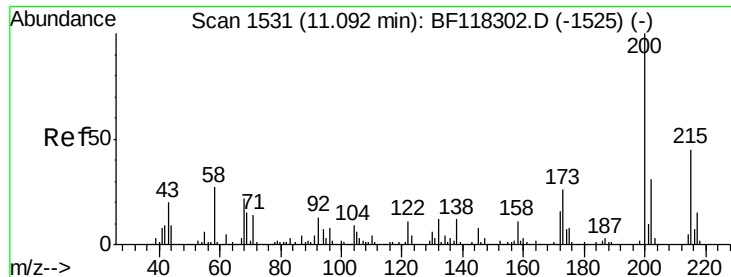
#68
 Hexachlorobenzene
 Concen: 42.282 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion:	284	Resp:	290033
Ion Ratio	Lower	Upper	
284	100		
142	32.6	27.3	40.9
249	29.9	25.0	37.6



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





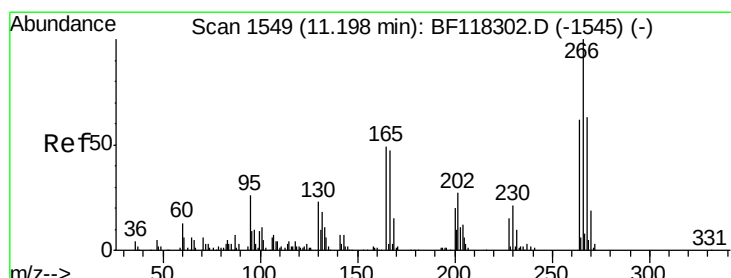
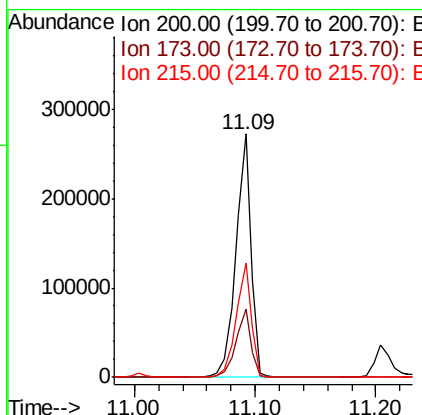
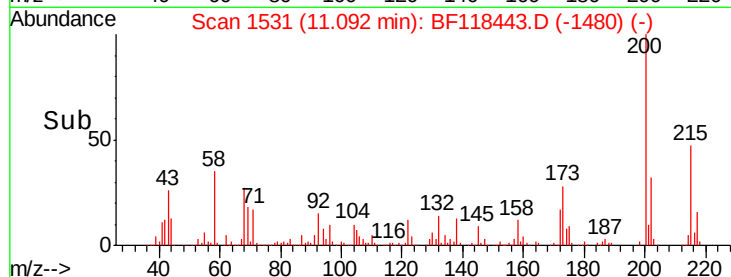
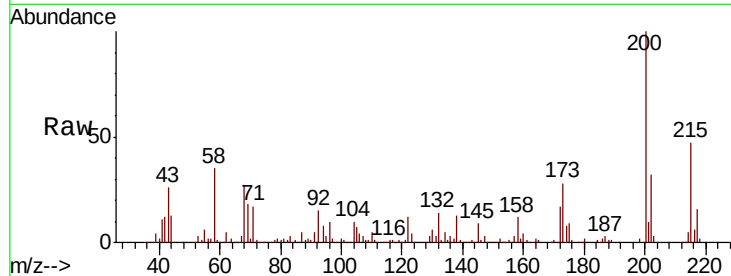
#69
Atrazine
Concen: 48.614 ng
RT: 11.09 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	5.8	45.8
215	46.8	25.1	65.1

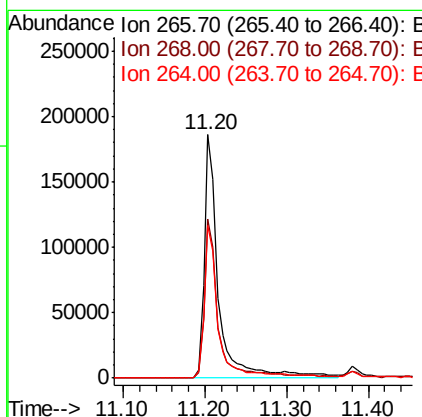
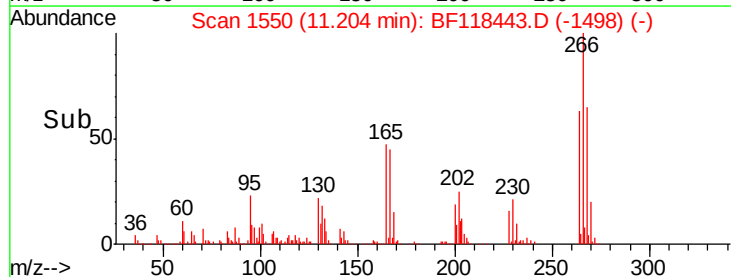
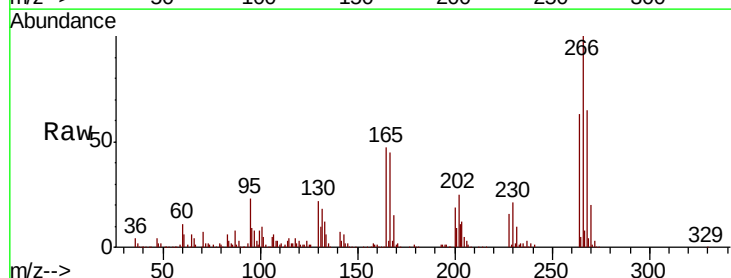
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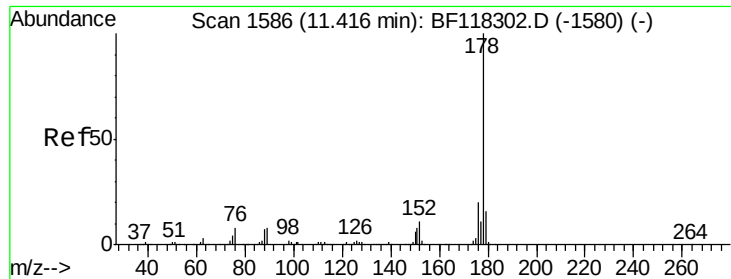
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#70
Pentachlorophenol
Concen: 77.198 ng
RT: 11.20 min Scan# 1550
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.6	76.0
264	63.0	49.9	74.9





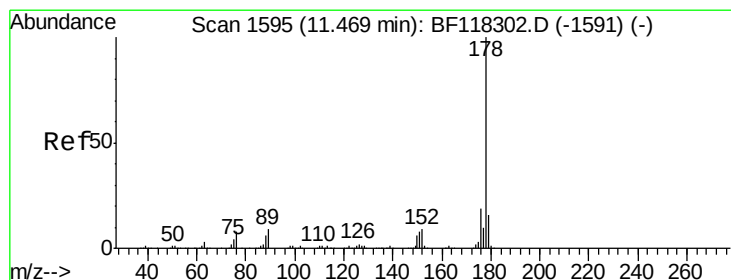
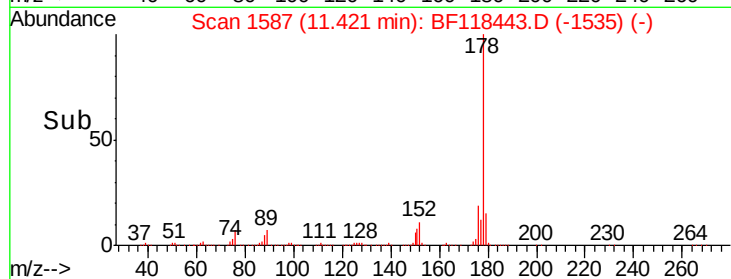
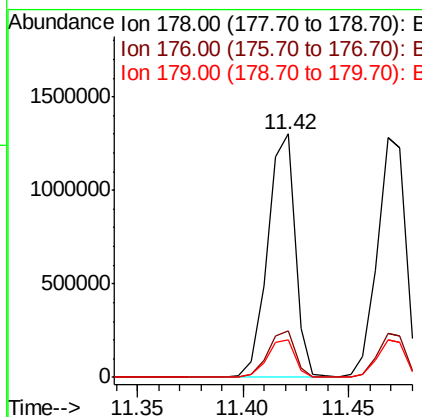
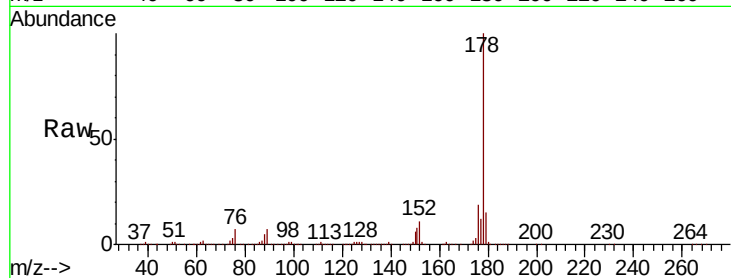
#71
Phenanthrene
Concen: 43.593 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.4	12.6	19.0

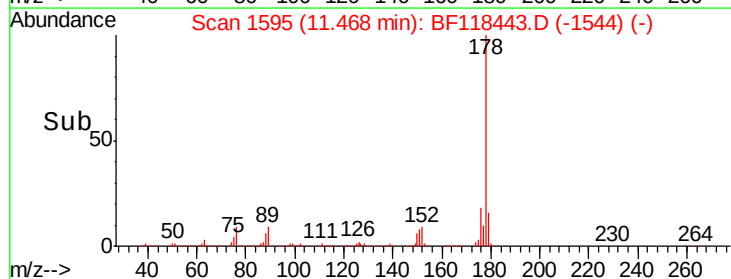
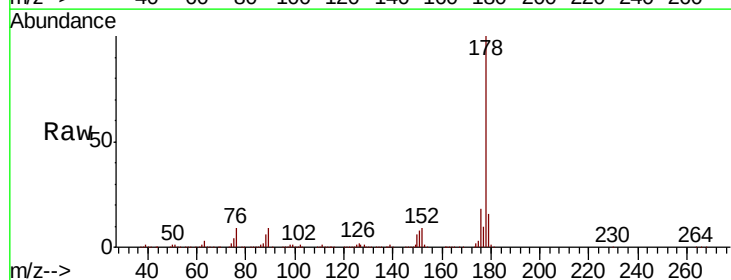
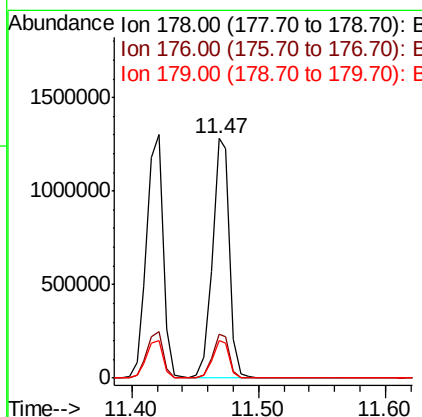
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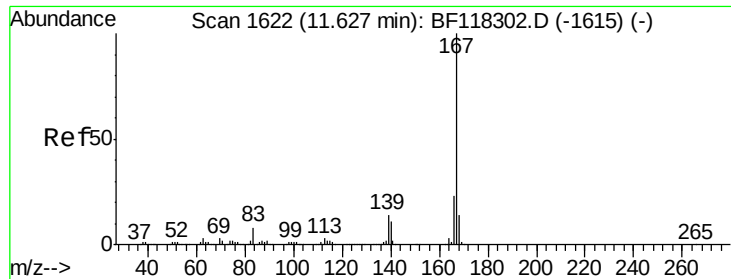
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#72
Anthracene
Concen: 44.815 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.8	12.9	19.3





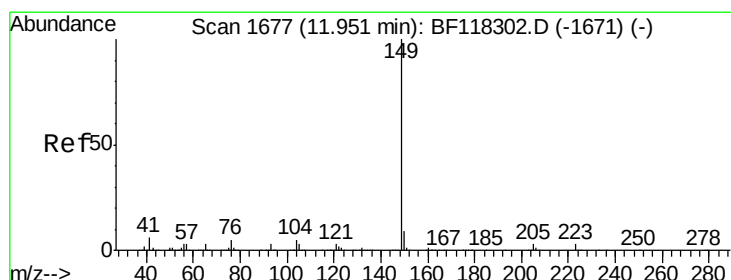
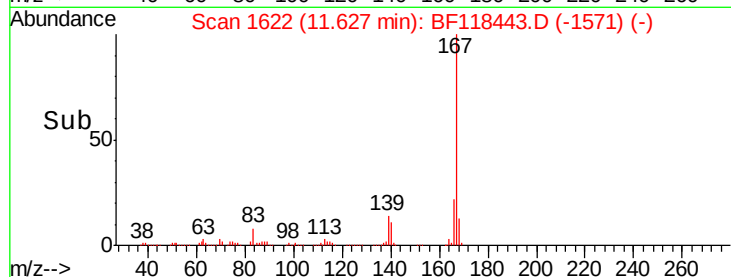
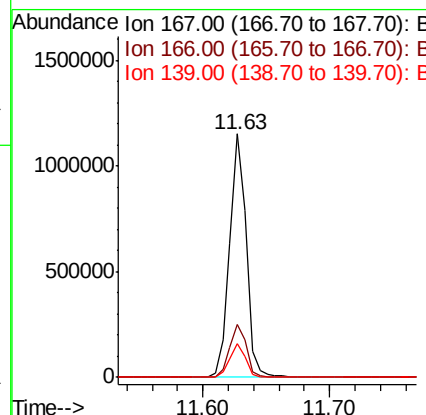
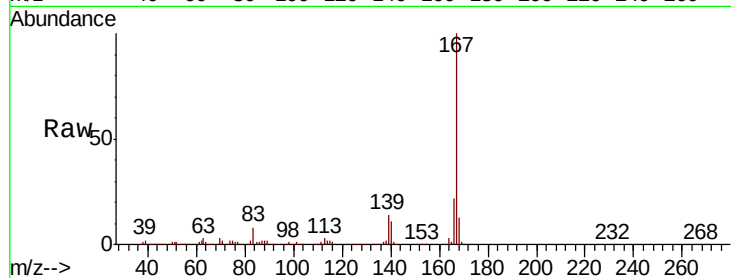
#73
 Carbazole
 Concen: 43.502 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.1	27.1
139	14.1	11.5	17.3

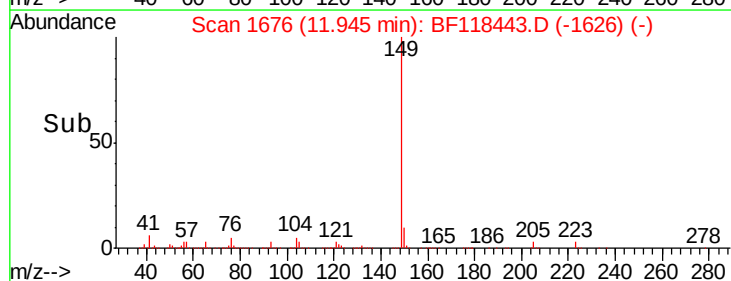
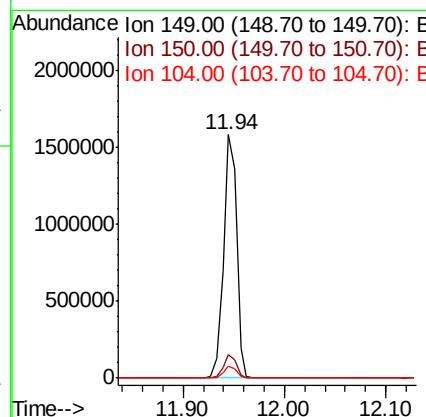
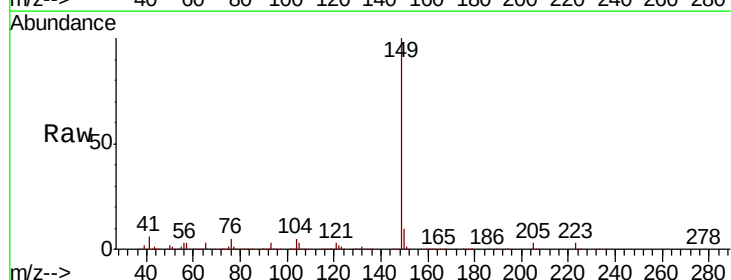
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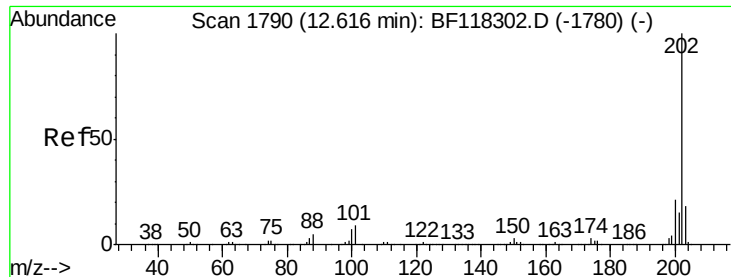
mohammad
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#74
 Di-n-butylphthalate
 Concen: 46.229 ng
 RT: 11.94 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	5.0	4.0	6.0





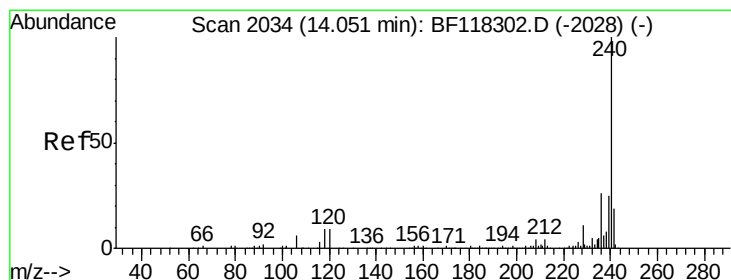
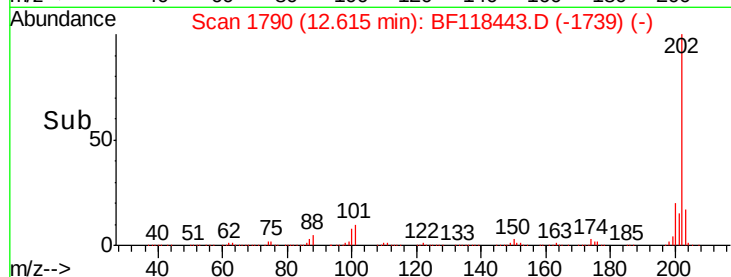
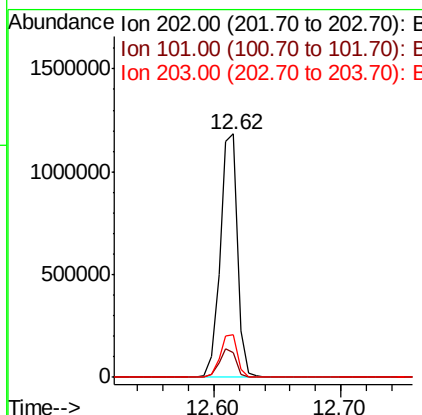
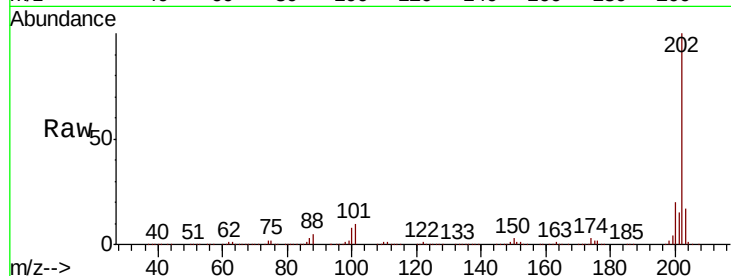
#75
 Fluoranthene
 Concen: 41.319 ng
 RT: 12.62 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	29.5
203	17.4	0.0	37.6

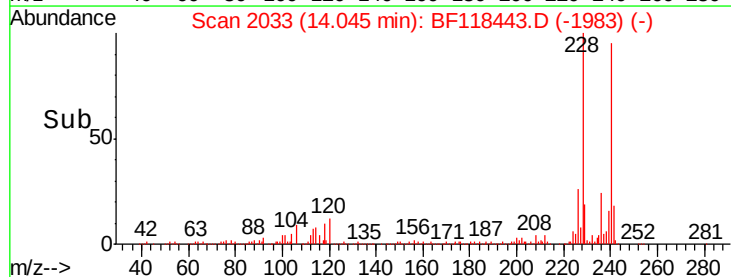
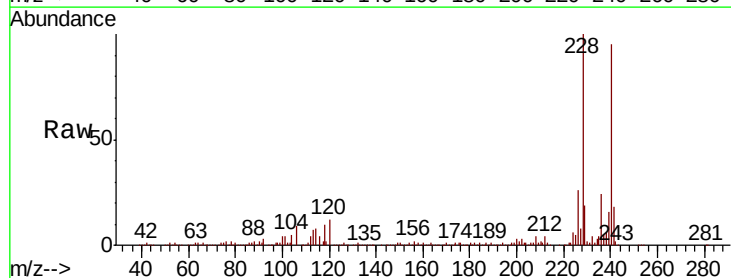
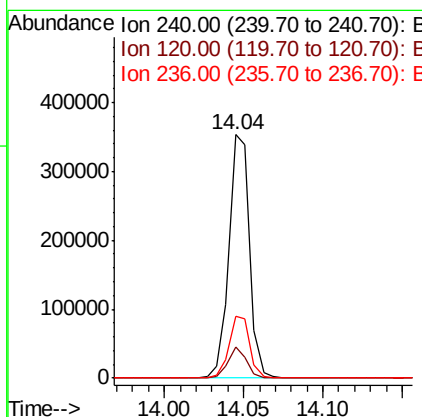
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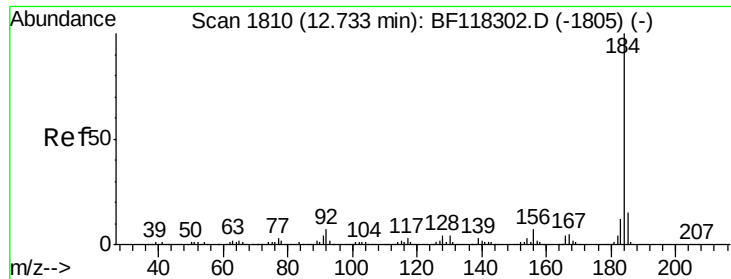
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	7.1	10.7#
236	25.2	21.0	31.6





#77

Benzidine

Concen: 6.425 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

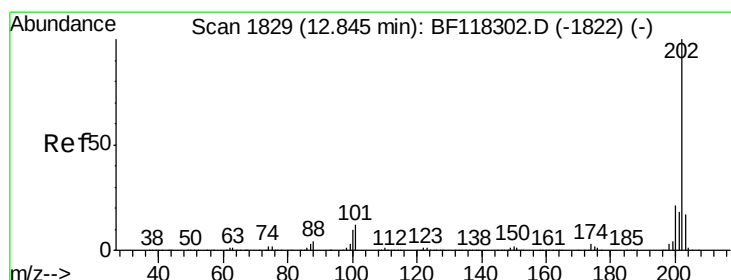
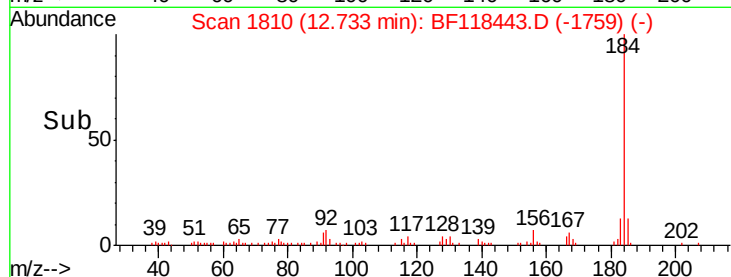
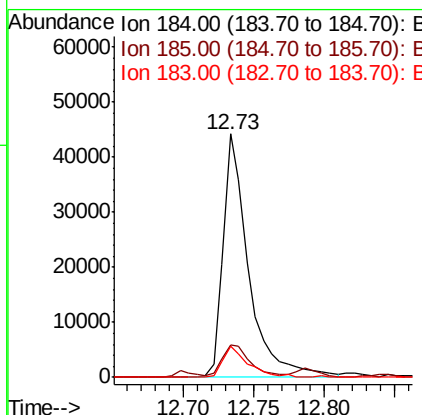
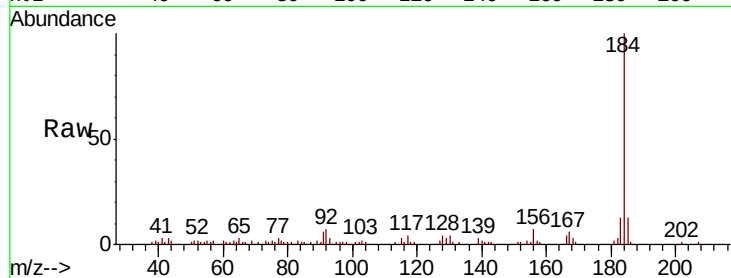
ClientSampleId :

EO-O1-122719MSD

Tot Ion:	184	Resp:	55980
Ion Ratio	Lower	Upper	
184	100		
185	13.2	12.3	18.5
183	12.6	9.4	14.2

Manual Integrations
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#78

Pyrene

Concen: 43.146 ng

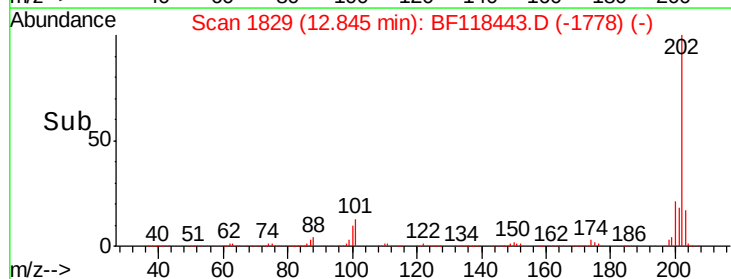
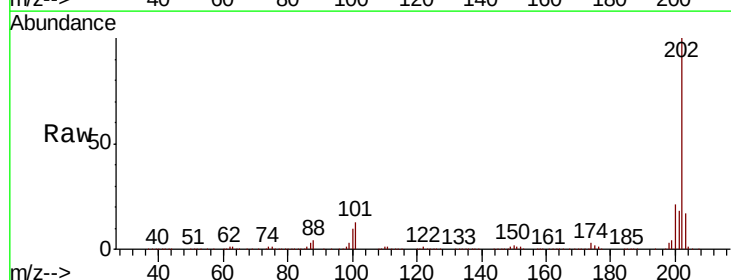
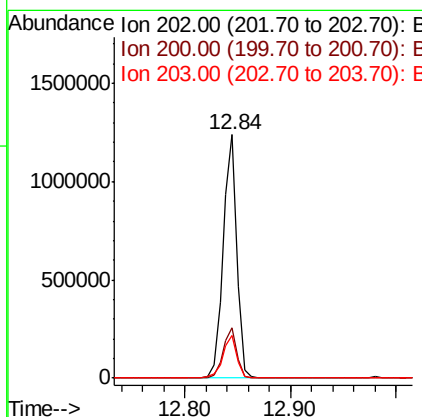
RT: 12.84 min Scan# 1829

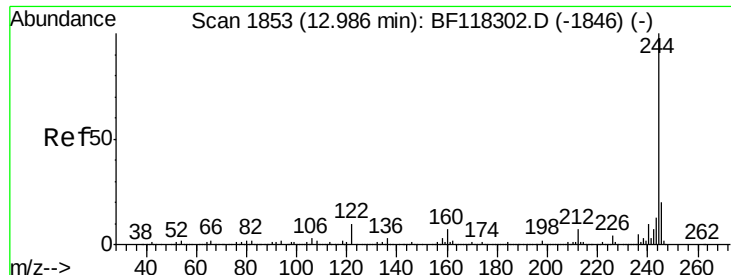
Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Tgt Ion:	202	Resp:	1120360
Ion Ratio	Lower	Upper	
202	100		
200	20.7	16.8	25.2
203	17.3	13.9	20.9





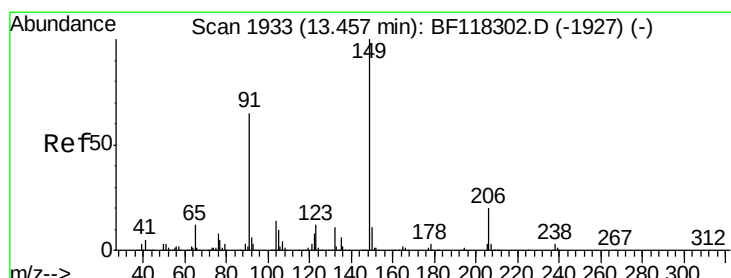
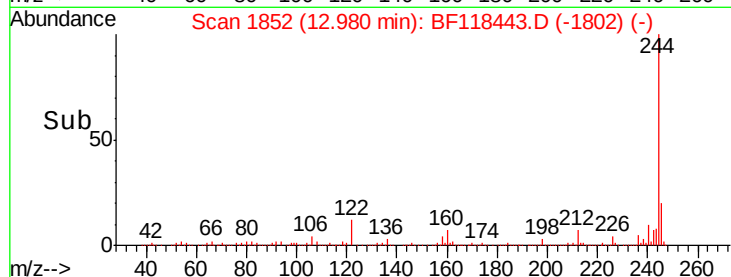
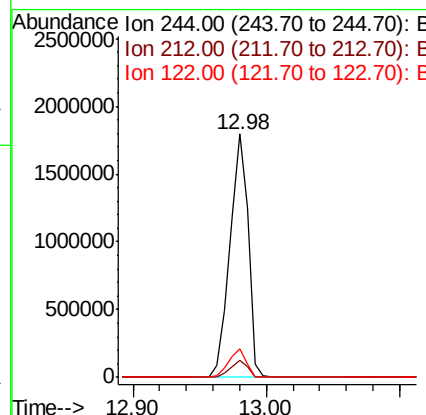
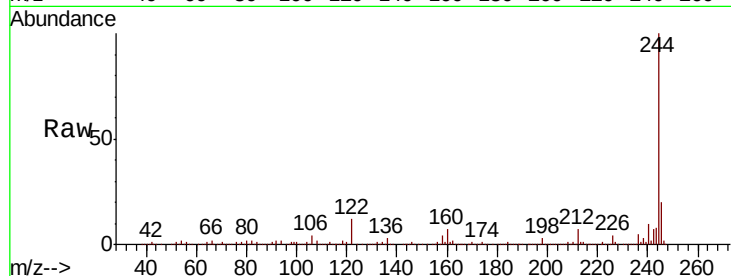
#79
 Terphenyl-d14
 Concen: 90.926 ng
 RT: 12.98 min Scan# 1852
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	11.9	7.8	11.8

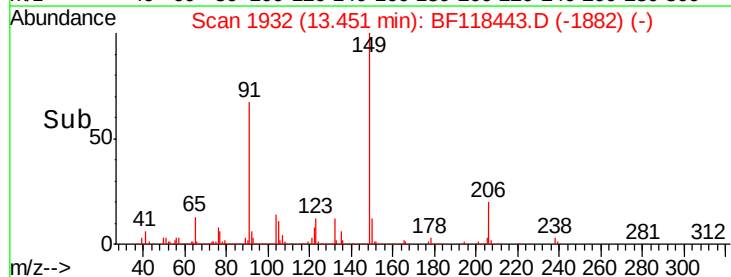
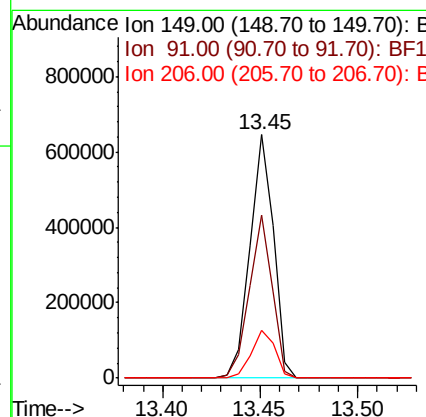
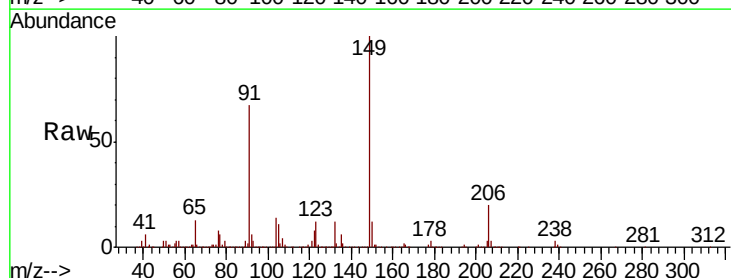
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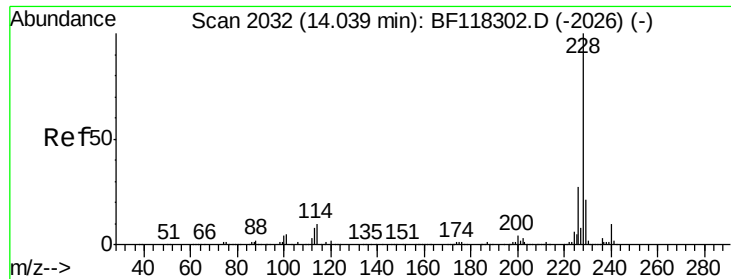
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#80
 Butylbenzylphthalate
 Concen: 46.280 ng
 RT: 13.45 min Scan# 1932
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	51.8	77.6
206	19.6	15.7	23.5





#81

Benzo(a)anthracene

Concen: 43.914 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Instrument :

BNA_F

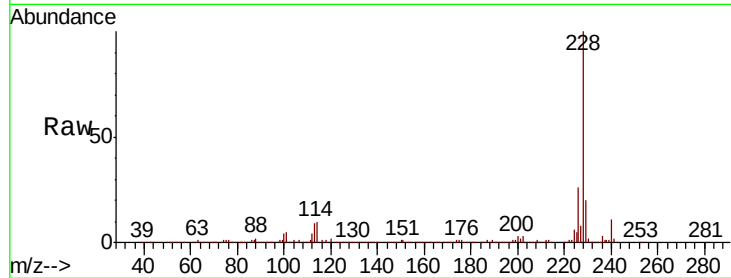
ClientSampleId :

EO-O1-122719MSD

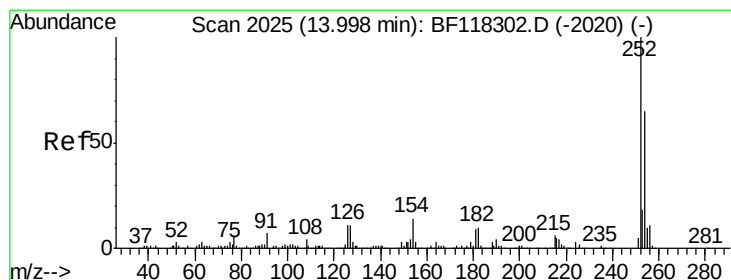
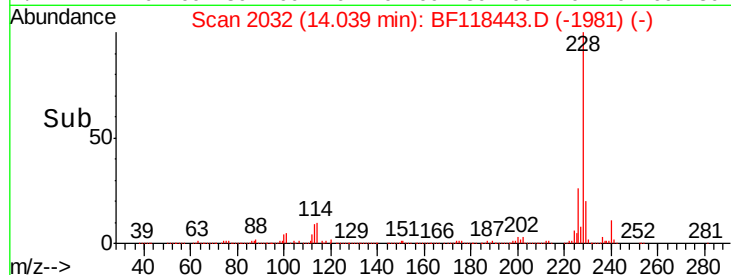
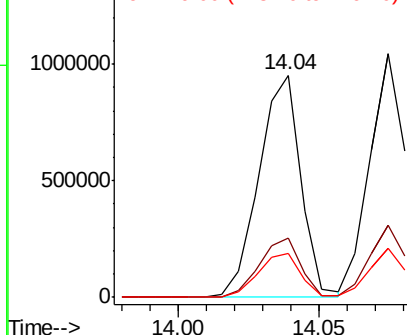
Tot Ion:	228	Resp:	977424
Ion Ratio	Lower	Upper	
228	100		
226	26.4	22.0	33.0
229	19.6	16.6	24.8

Manual Integrations
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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: 31.061 ng

RT: 13.99 min Scan# 2024

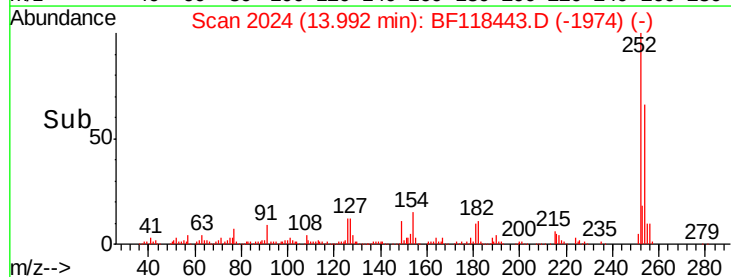
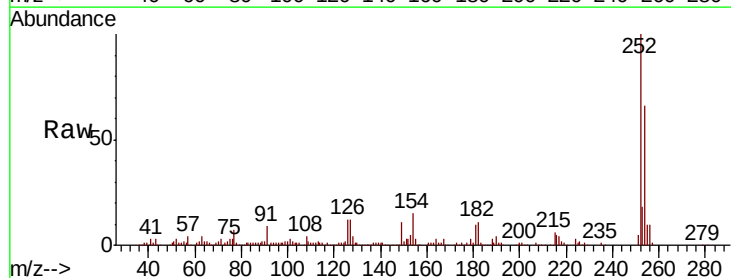
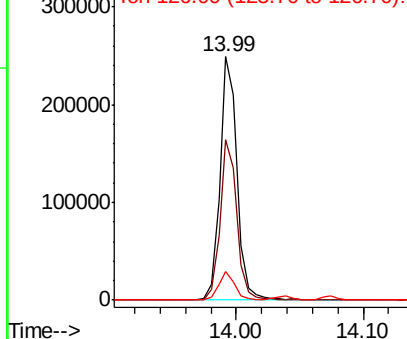
Delta R.T. -0.01 min

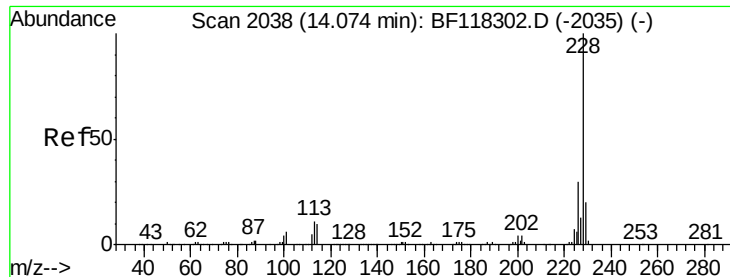
Lab File: BF118443.D

Acq: 2 Jan 2020 18:51

Tgt Ion:	252	Resp:	234406
Ion Ratio	Lower	Upper	
252	100		
254	65.8	51.8	77.8
126	12.0	8.7	13.1

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





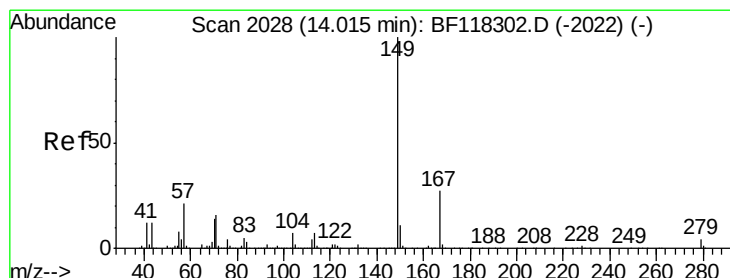
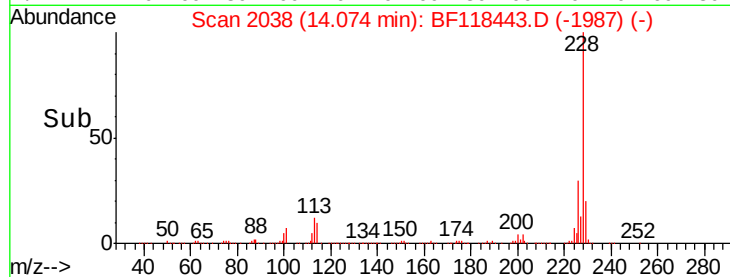
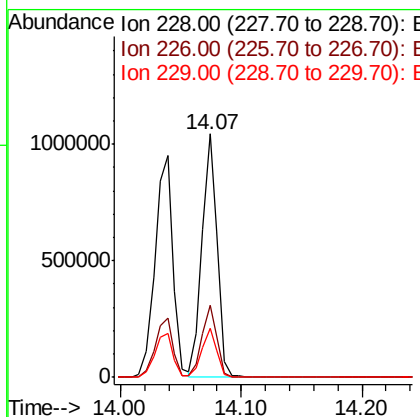
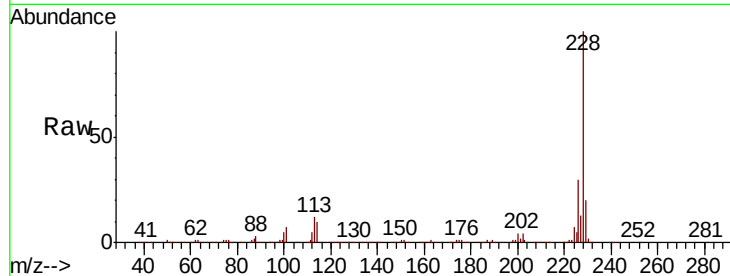
#83
 Chrvsene
 Concen: 42.782 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.00 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	20.0	16.1	24.1

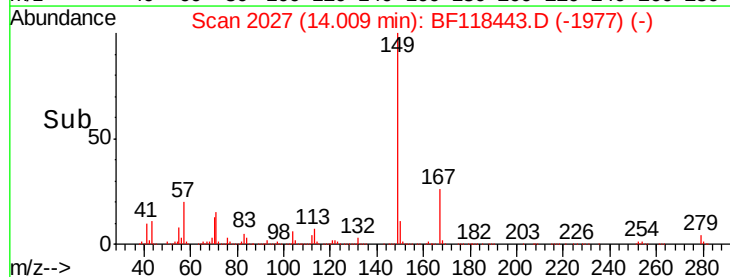
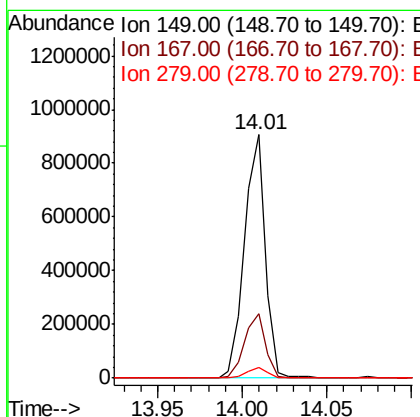
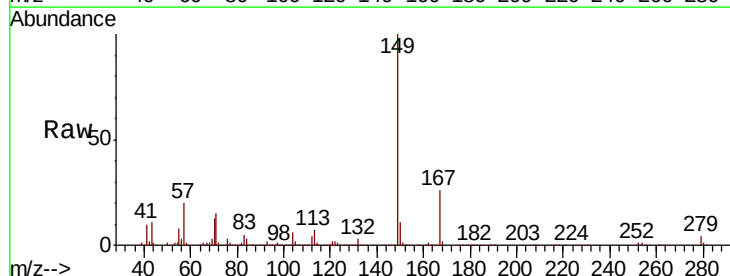
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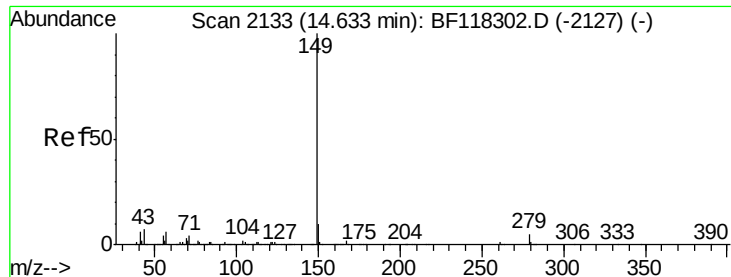
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.858 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.01 min
 Lab File: BF118443.D
 Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	4.4	3.4	5.2





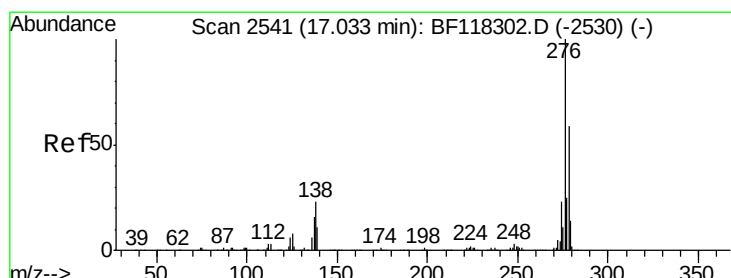
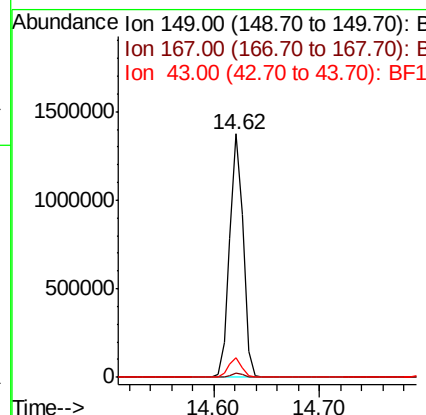
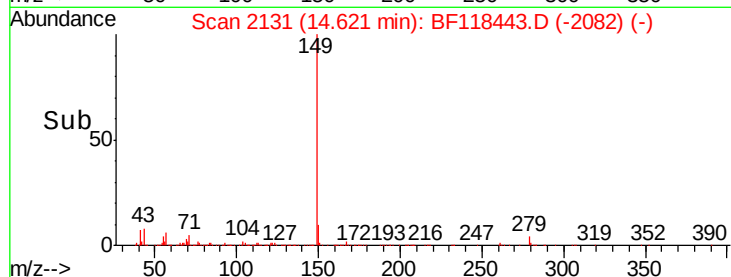
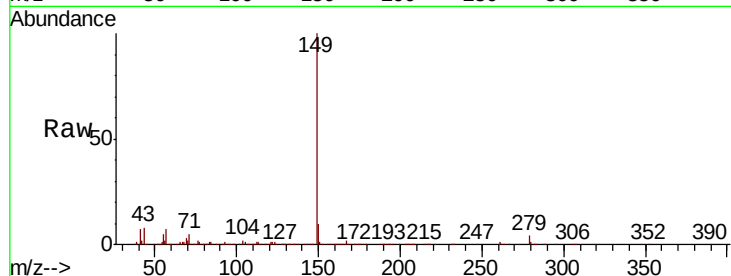
#85
Di-n-octyl phthalate
Concen: 54.154 ng
RT: 14.62 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	7.5	6.1	9.1

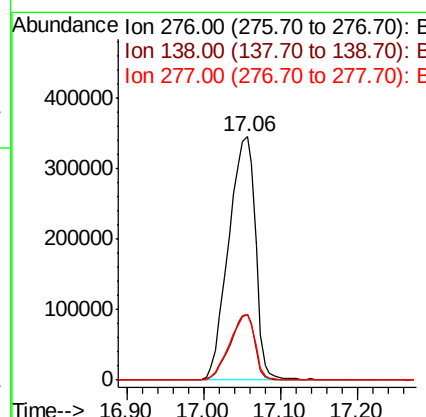
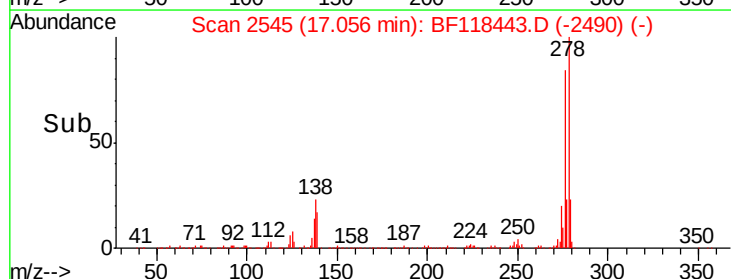
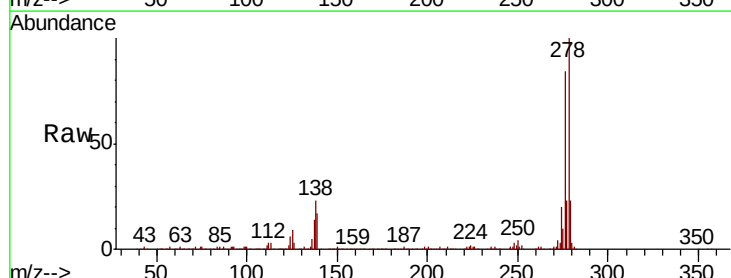
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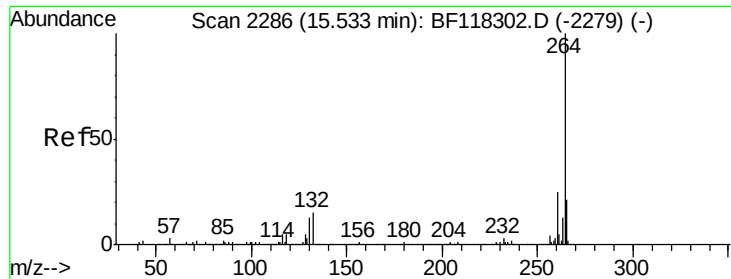
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.287 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.02 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.5	29.3
277	25.8	20.6	30.8





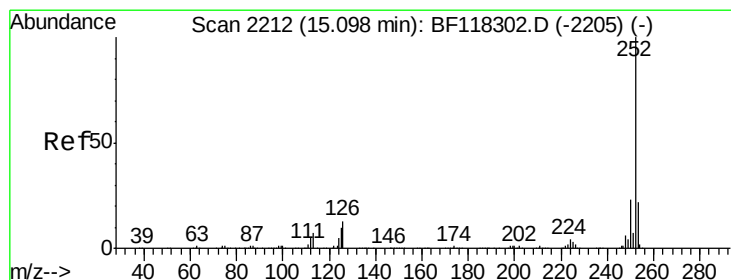
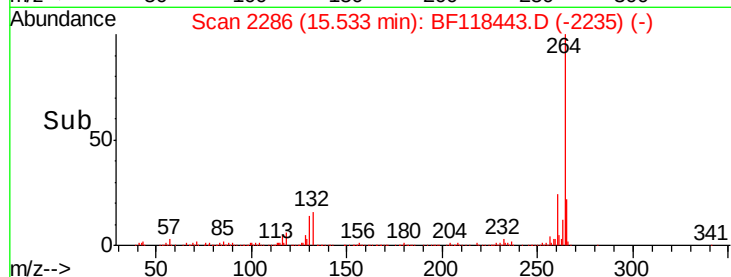
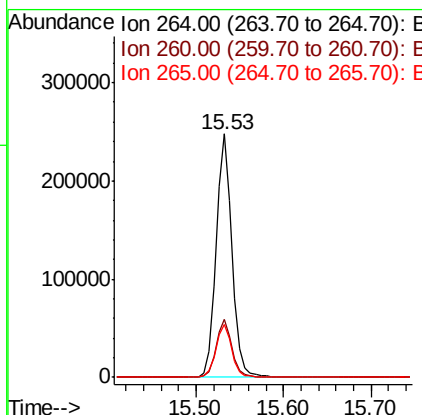
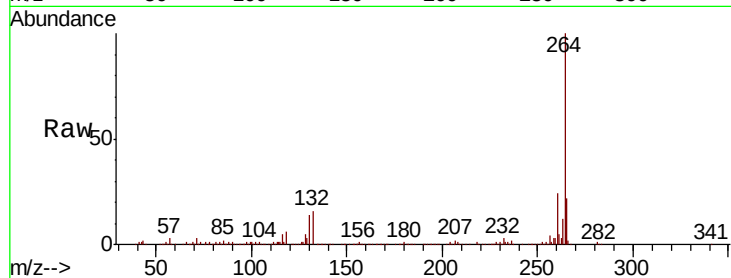
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.8	29.6
265	21.9	17.0	25.4

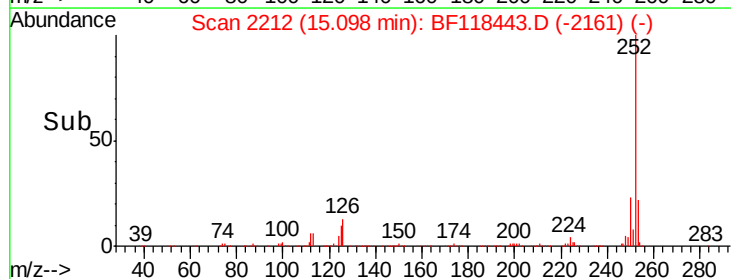
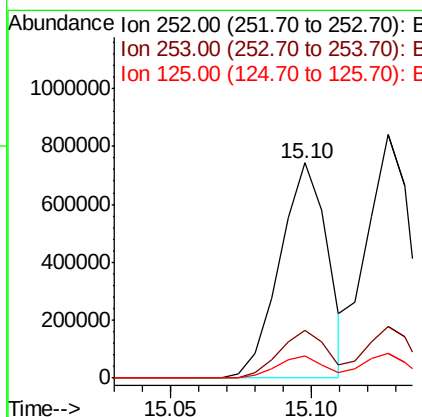
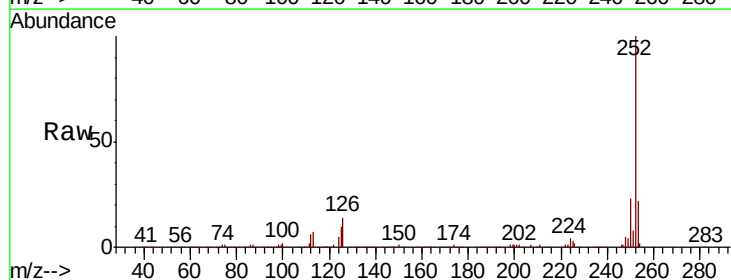
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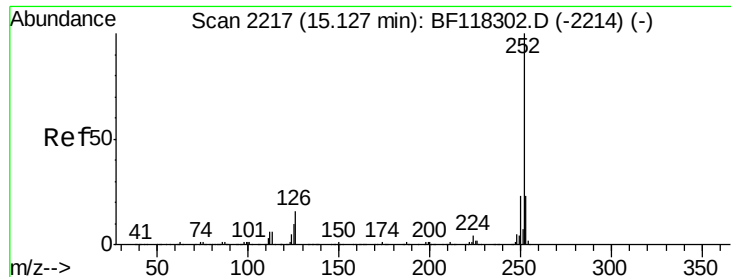
mohammad
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#88
Benzo(b)fluoranthene
Concen: 42.248 ng
RT: 15.10 min Scan# 2212
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.1	7.7	11.5





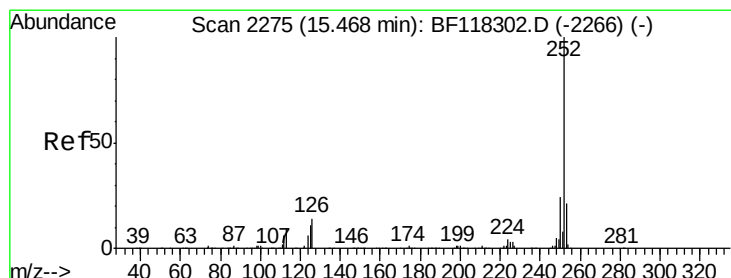
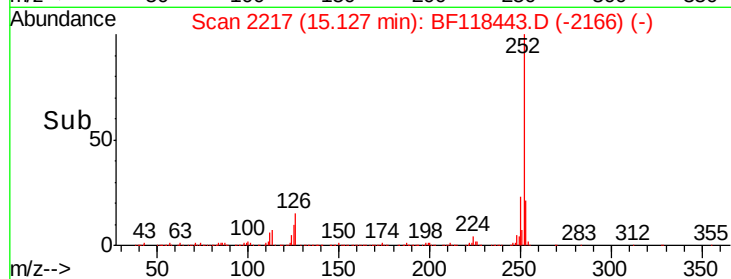
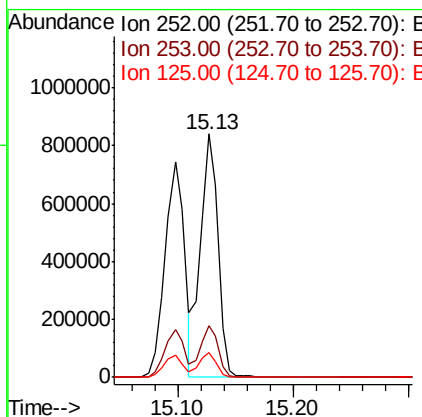
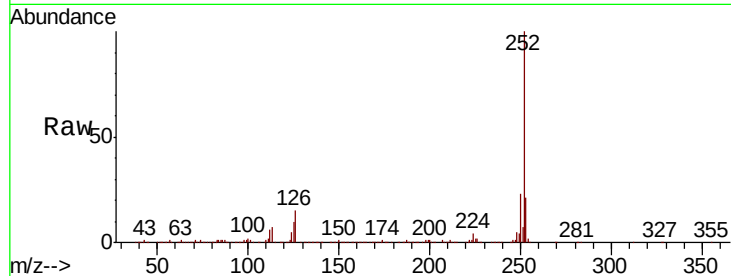
#89
Benzo(k)fluoranthene
Concen: 45.213 ng
RT: 15.13 min Scan# 2217
Delta R.T. -0.00 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.0	27.0
125	10.3	8.0	12.0

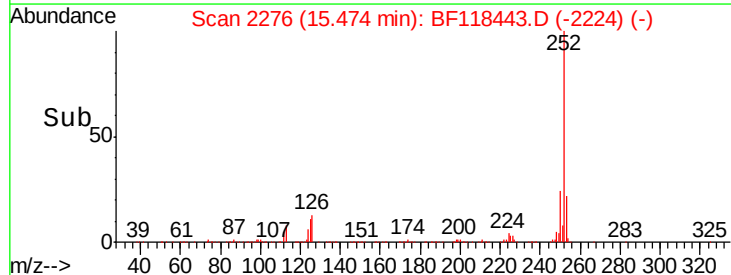
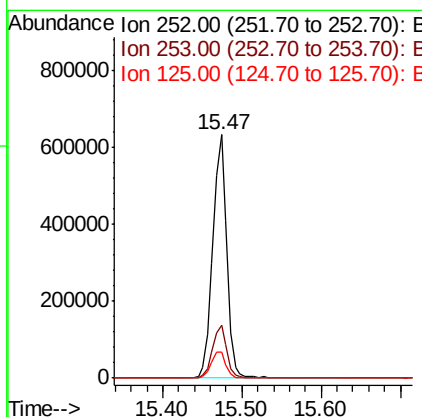
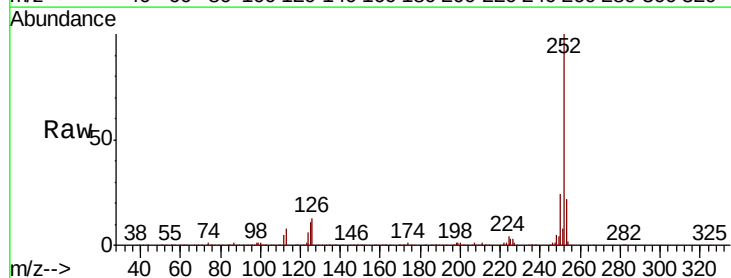
Manual Integrations
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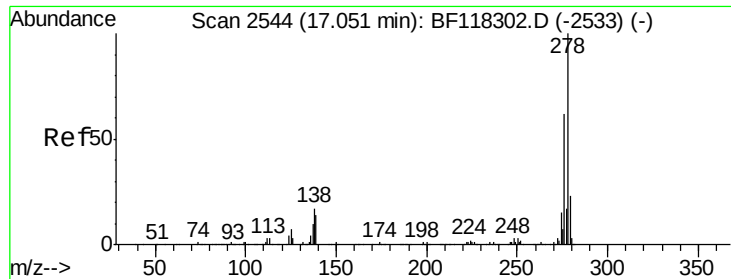
mohammad
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#90
Benzo(a)pyrene
Concen: 42.641 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	10.7	9.0	13.4





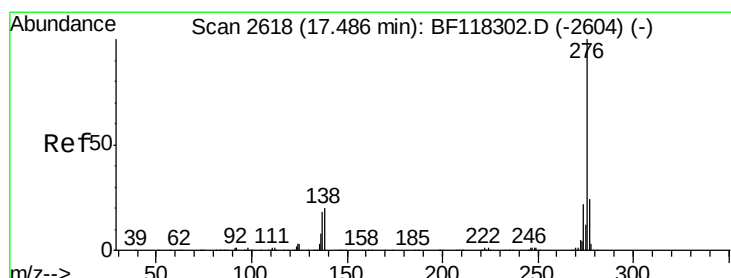
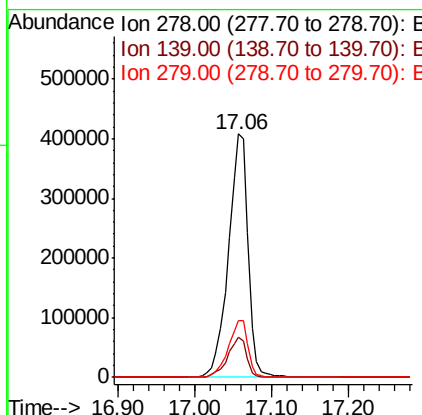
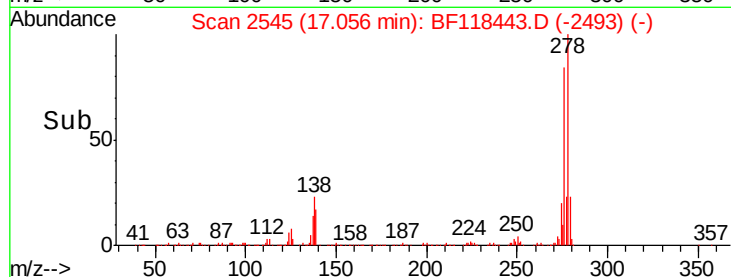
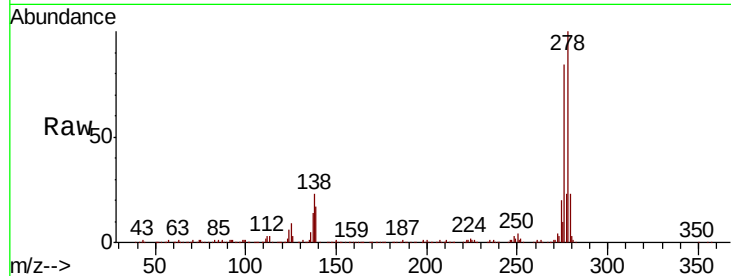
#91
Dibenzo(a,h)anthracene
Concen: 45.952 ng
RT: 17.06 min Scan# 2545
Delta R.T. 0.01 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	11.5	17.3
279	23.3	18.3	27.5

Manual Integrations
APPROVED

mohammad
1/3/2020 11:04:20 AM



#92
Benzo(g,h,i)perylene
Concen: 44.223 ng
RT: 17.50 min Scan# 2621
Delta R.T. 0.02 min
Lab File: BF118443.D
Acq: 2 Jan 2020 18:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.1	28.7
138	20.0	16.1	24.1

