

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123119\
 Data File : BF118415.D
 Acq On : 31 Dec 2019 19:51
 Operator : JU
 Sample : K6114-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Manual Integrations
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mohammad
 1/2/2020 11:50:10 AM

Quant Time: Jan 01 03:01:26 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	86077	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	359370	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	189912	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	350958	20.00	ng	0.00
76) Chrysene-d12	14.06	240	205044	20.00	ng	0.00
87) Perylene-d12	15.55	264	224094	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	653625	129.62	ng	0.03
7) Phenol-d6	6.50	99	742162	118.64	ng	0.02
23) Nitrobenzene-d5	7.43	82	565499	90.00	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	332702	141.86	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1244968	100.07	ng	0.00
79) Terphenyl-d14	12.99	244	1281410	103.68	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.78	88	63977	31.915	ng	# 83
3) Pyridine	3.52	79	126755	23.733	ng	97
4) n-Nitrosodimethylamine	3.44	42	103452	46.850	ng	# 71
6) Aniline	6.52	93	73328	9.231	ng	# 15
8) 2-Chlorophenol	6.65	128	270460	47.357	ng	93
9) Benzaldehyde	6.41	77	146283	39.886	ng	95
10) Phenol	6.52	94	253520	36.058	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	234755	46.687	ng	99
12) 1,3-Dichlorobenzene	6.80	146	256300	38.967	ng	99
13) 1,4-Dichlorobenzene	6.87	146	257025	38.472	ng	95
14) 1,2-Dichlorobenzene	7.03	146	254737	40.386	ng	99
15) Benzyl Alcohol	7.00	79	241919	50.792	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.13	45	233062	43.437	ng	# 41
17) 2-Methylphenol	7.12	107	204637	44.674	ng	# 87
18) Hexachloroethane	7.36	117	93195	38.008	ng	99
19) n-Nitroso-di-n-propylamine	7.27	70	192637	49.988	ng	96
20) 3+4-Methylphenols	7.27	107	270377	46.119	ng	92
22) Acetophenone	7.27	105	385735	43.795	ng	96
24) Nitrobenzene	7.45	77	277634	44.110	ng	97
25) Isophorone	7.68	82	493590	45.075	ng	96
26) 2-Nitrophenol	7.76	139	145695	43.702	ng	# 87
27) 2,4-Dimethylphenol	7.80	122	220582	48.495	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	298326	41.657	ng	99
29) 2,4-Dichlorophenol	8.01	162	231792	44.274	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	252100	41.337	ng	98
31) Naphthalene	8.16	128	812645	44.491	ng	100
32) Benzoic acid	7.95	122	117796	32.718	ng	95
33) 4-Chloroaniline	8.22	127	53448	6.826	ng	97
34) Hexachlorobutadiene	8.27	225	145274	40.017	ng	97
35) Caprolactam	8.60	113	59258m	36.255	ng	
36) 4-Chloro-3-methylphenol	8.72	107	252232	44.873	ng	100
37) 2-Methylnaphthalene	8.86	142	589696	47.154	ng	98
38) 1-Methylnaphthalene	8.96	142	558765	47.425	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	260731	45.694	ng	99

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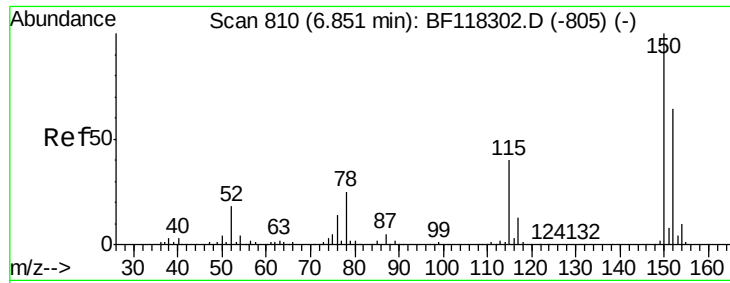
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	88660	41.768	nq	100
43) 2,4,6-Trichlorophenol	9.15	196	172138	45.157	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	186135	47.466	nq	98
46) 1,1'-Biphenyl	9.32	154	713817	47.521	nq	99
47) 2-Chloronaphthalene	9.35	162	543348	44.944	nq	99
48) 2-Nitroaniline	9.45	65	164436	48.155	nq	91
49) Acenaphthylene	9.77	152	848341	47.315	nq	99
50) Dimethylphthalate	9.62	163	695296	48.774	nq	99
51) 2,6-Dinitrotoluene	9.70	165	150186	48.867	nq	93
52) Acenaphthene	9.94	154	492304	45.078	nq	99
53) 3-Nitroaniline	9.87	138	47377	13.134	nq	91
54) 2,4-Dinitrophenol	9.99	184	92486	61.000	nq	92
55) Dibenzofuran	10.12	168	787677	48.812	nq	98
56) 4-Nitrophenol	10.05	139	166021	74.553	nq	97
57) 2,4-Dinitrotoluene	10.11	165	202162	49.227	nq	# 80
58) Fluorene	10.46	166	612696	47.034	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	159079	47.743	nq	97
60) Diethylphthalate	10.33	149	721148	51.134	nq	99
61) 4-Chlorophenyl-phenylether	10.45	204	311948	47.970	nq	98
62) 4-Nitroaniline	10.49	138	127482	34.019	nq	93
63) Azobenzene	10.61	77	595123	49.265	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	71067	37.536	nq	82
66) n-Nitrosodiphenylamine	10.57	169	542820	48.259	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	195240	47.536	nq	99
68) Hexachlorobenzene	11.01	284	204355	42.270	nq	95
69) Atrazine	11.10	200	190062	54.749	nq	98
70) Pentachlorophenol	11.22	266	167915	80.198	nq	99
71) Phenanthrene	11.43	178	864151	45.167	nq	99
72) Anthracene	11.48	178	917876	47.930	nq	99
73) Carbazole	11.63	167	767515	45.167	nq	99
74) Di-n-butylphthalate	11.96	149	1144016	53.096	nq	100
75) Fluoranthene	12.62	202	841433	43.578	nq	98
77) Benzidine	12.74	184	140388	24.987	nq	97
78) Pyrene	12.85	202	816102	48.740	nq	100
80) Butylbenzylphthalate	13.46	149	360535	47.822	nq	98
81) Benzo(a)anthracene	14.04	228	625786	43.601	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	154446	31.738	nq	99
83) Chrysene	14.09	228	523362	38.083	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	590943	59.610	nq	98
85) Di-n-octyl phthalate	14.63	149	855454	58.663	nq	99
86) Indeno(1,2,3-cd)pyrene	17.08	276	530187	45.278	nq	99
88) Benzo(b)fluoranthene	15.12	252	608158	40.884	nq	99
89) Benzo(k)fluoranthene	15.14	252	578194	40.481	nq	98
90) Benzo(a)pyrene	15.49	252	540084	41.215	nq	98
91) Dibenzo(a,h)anthracene	17.09	278	468786	41.225	nq	99
92) Benzo(g,h,i)perylene	17.53	276	439248	39.987	nq	100

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



#1

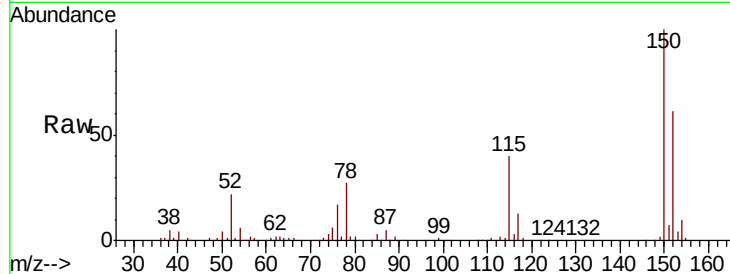
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	125.4	188.2
115	65.7	50.2	75.4

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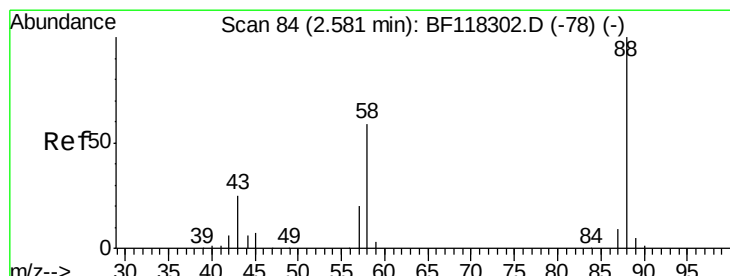
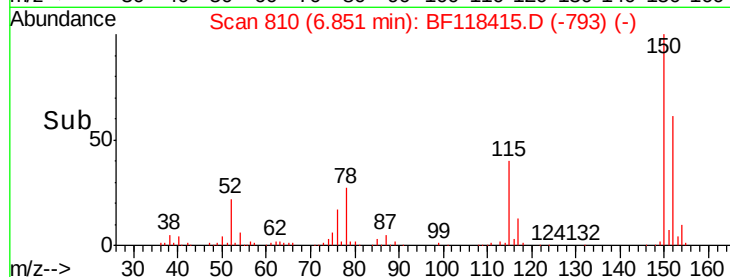
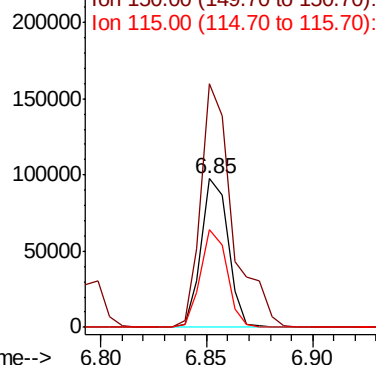


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

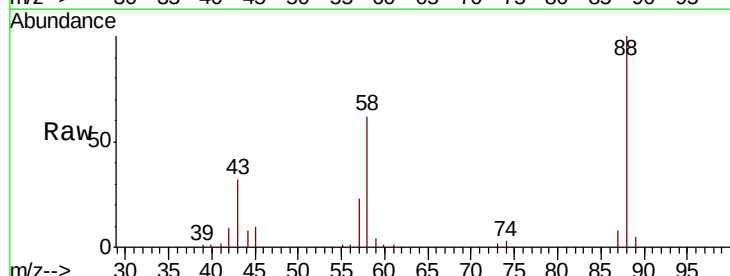
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.915 ng
RT: 2.78 min Scan# 118
Delta R.T. 0.20 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.8	47.6	71.4
43	0.0	20.6	30.8

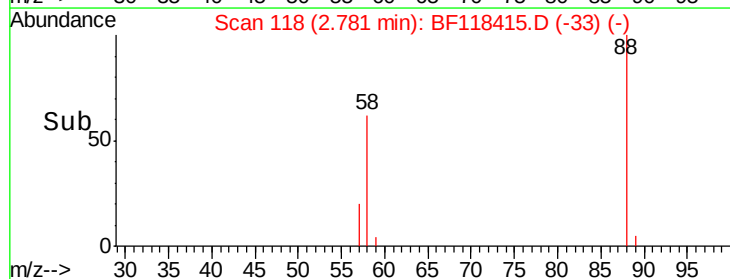
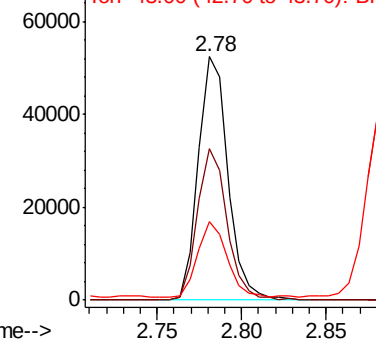


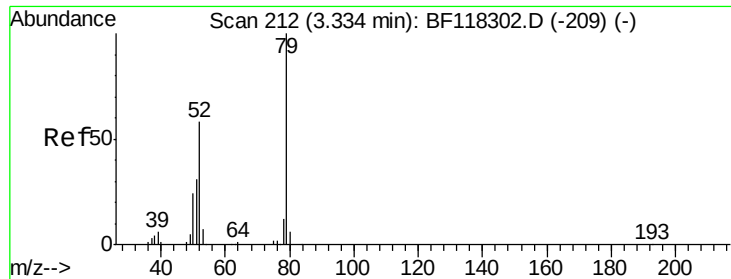
Abundance

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: 23.733 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.18 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

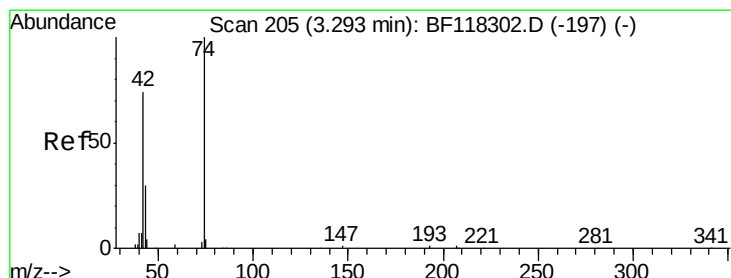
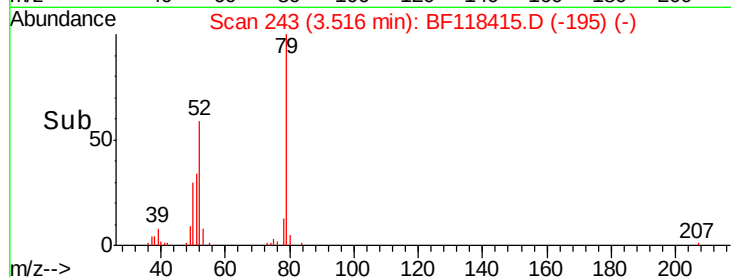
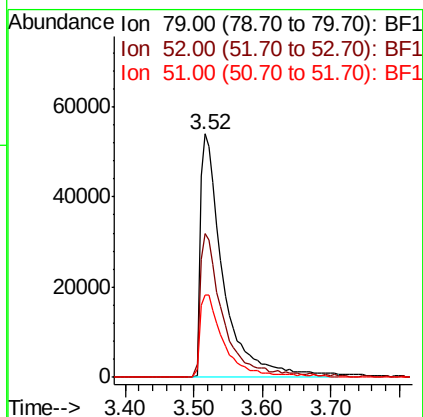
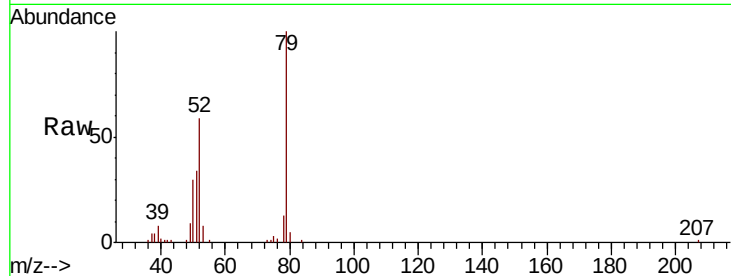
ClientSampleId :

EO-O1-122719MSD

Tot Ion	79	Resp	126755
Ion Ratio	Lower	Upper	
79	100		
52	59.0	46.4	69.6
51	33.6	24.9	37.3

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#4

n-Nitrosodimethylamine

Concen: 46.850 ng

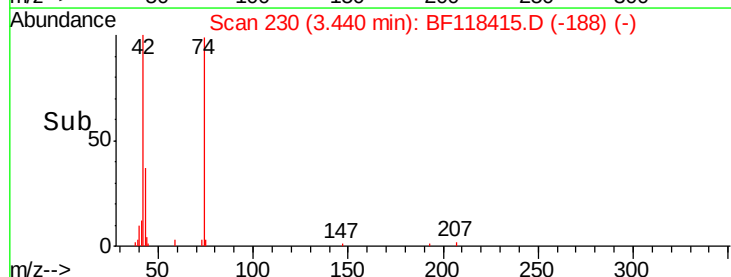
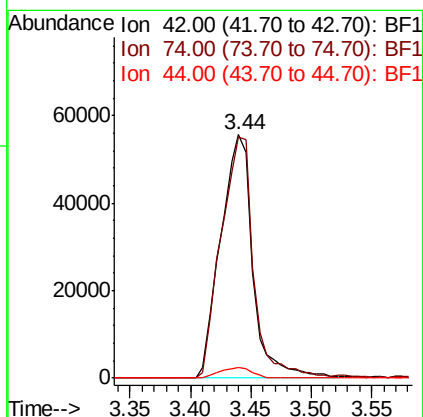
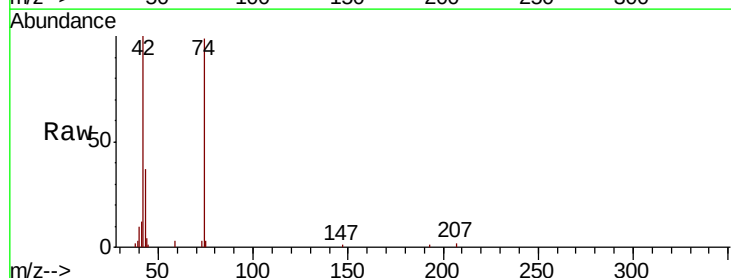
RT: 3.44 min Scan# 230

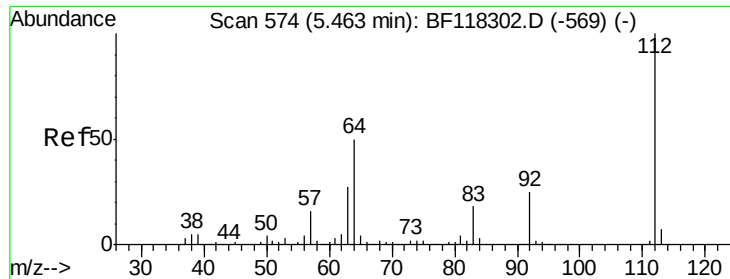
Delta R.T. 0.15 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Tgt Ion	42	Resp	103452
Ion Ratio	Lower	Upper	
42	100		
74	99.0	107.7	161.5#
44	4.3	4.8	7.2#





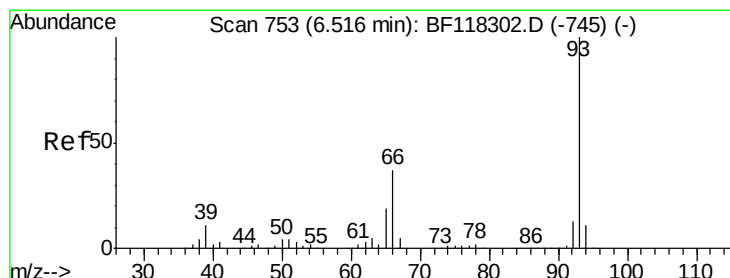
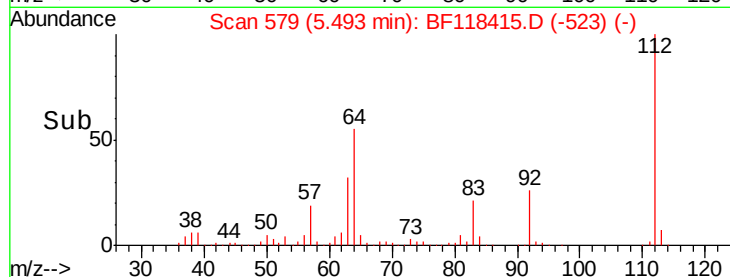
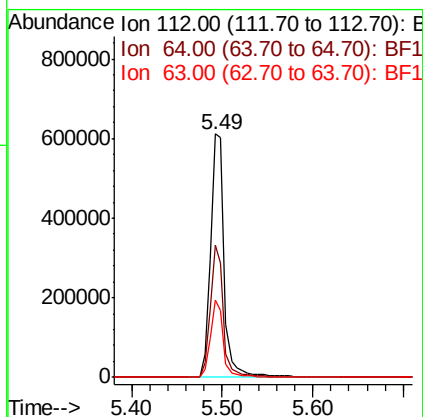
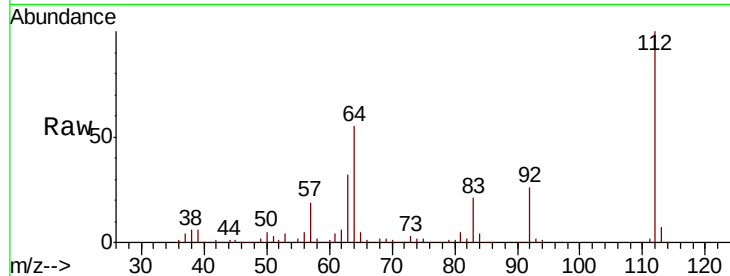
#5
2-Fluorophenol
Concen: 129.620 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.03 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
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ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	54.5	39.7	59.5
63	31.5	21.7	32.5

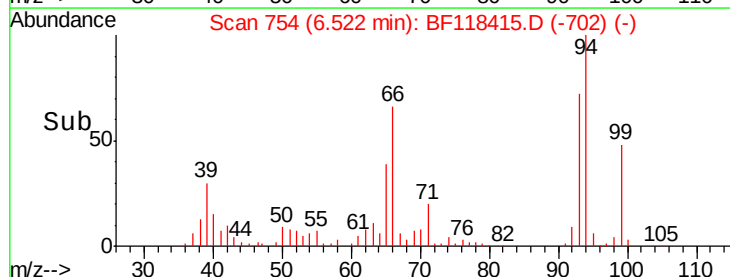
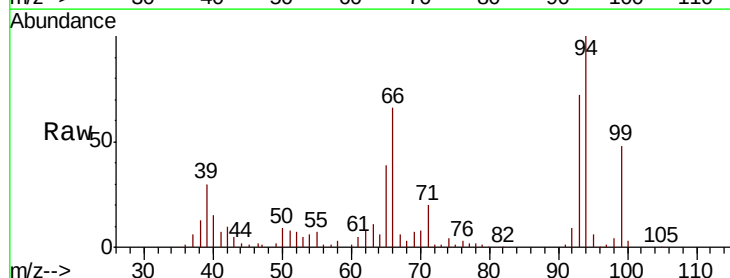
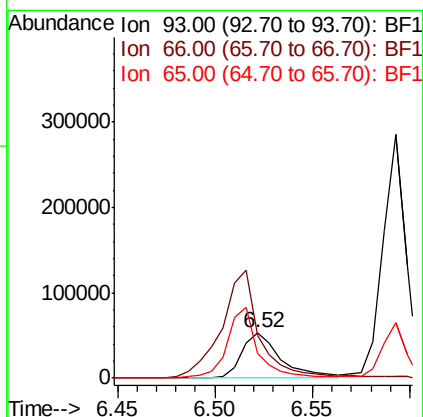
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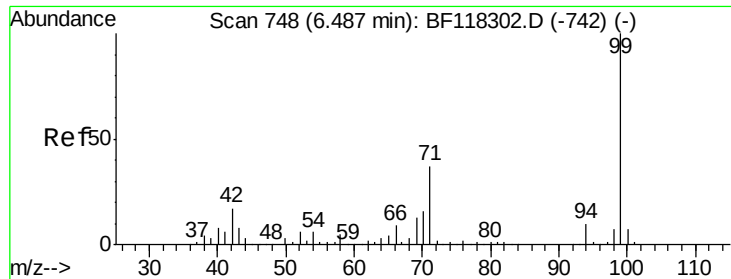
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#6
Aniline
Concen: 9.231 ng
RT: 6.52 min Scan# 754
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	91.9	30.2	45.4#
65	54.6	15.7	23.5#





#7

Phenol-d6

Concen: 118.642 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.02 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

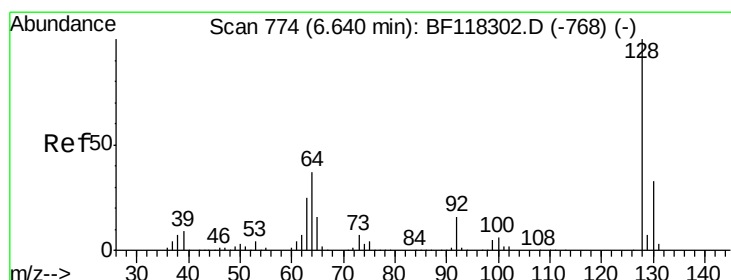
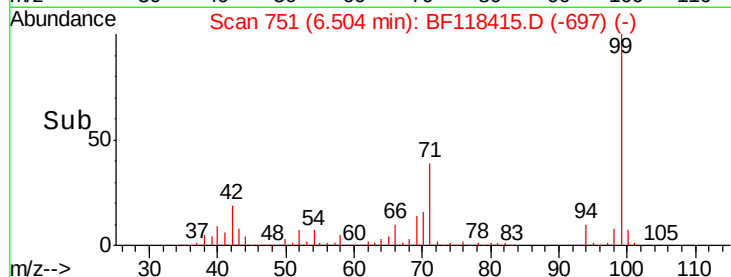
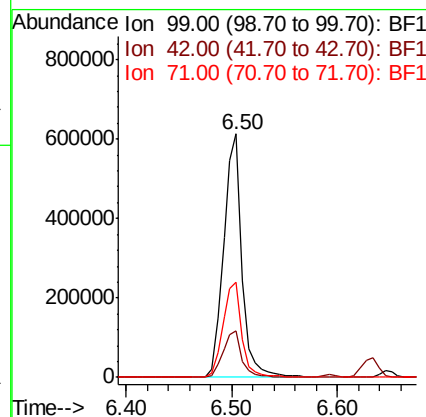
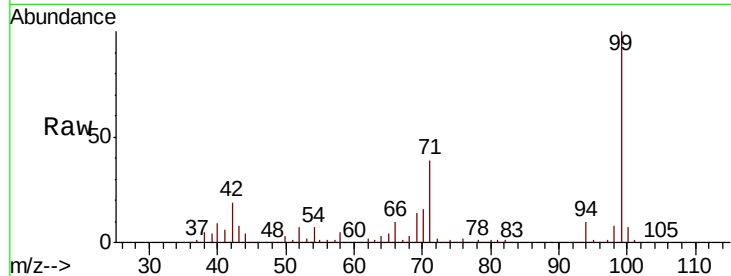
ClientSampleId :

EO-O1-122719MSD

Tot Ion:	99	Resp:	742162
Ion Ratio	Lower	Upper	
99	100		
42	18.9	13.5	20.3
71	39.0	29.4	44.2

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#8

2-Chlorophenol

Concen: 47.357 ng

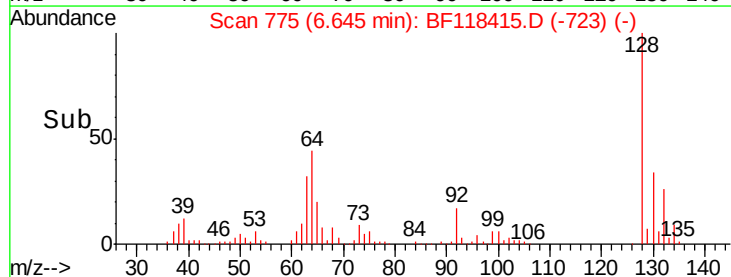
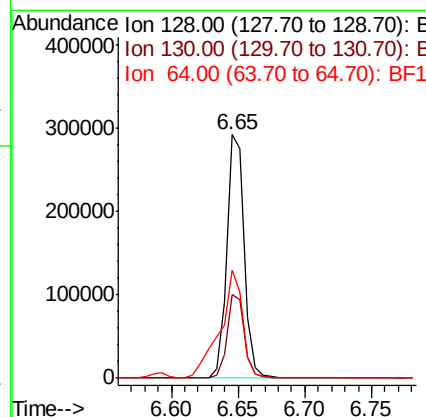
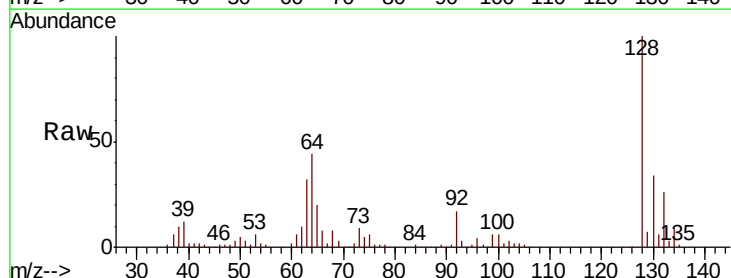
RT: 6.65 min Scan# 775

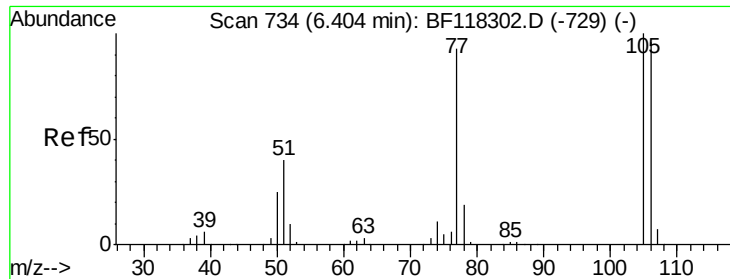
Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Tgt Ion:	128	Resp:	270460
Ion Ratio	Lower	Upper	
128	100		
130	34.2	13.2	53.2
64	44.4	17.7	57.7





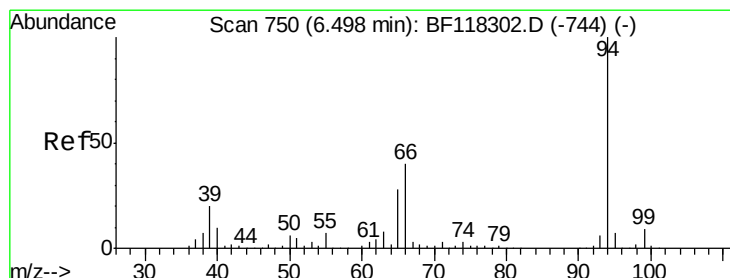
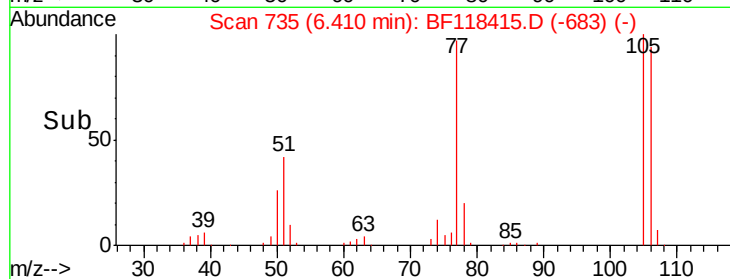
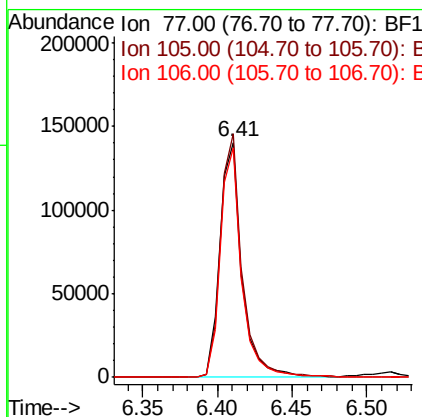
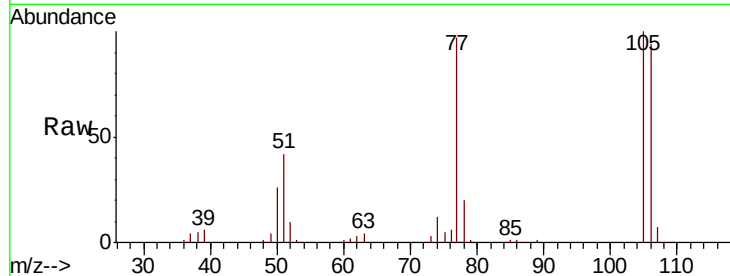
#9
Benzaldehyde
Concen: 39.886 ng
RT: 6.41 min Scan# 735
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.6	87.5	127.5
106	97.6	83.6	123.6

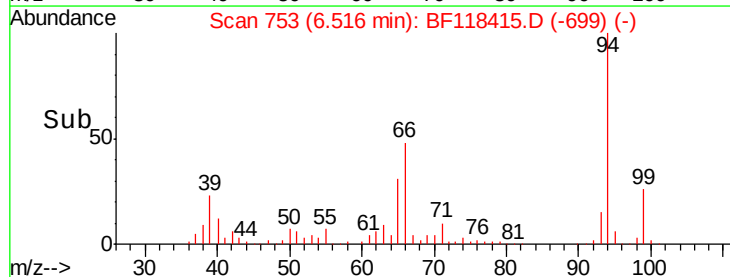
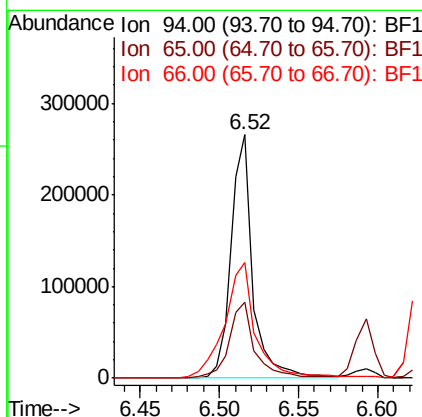
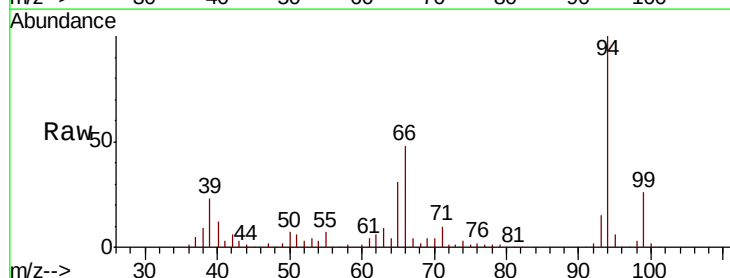
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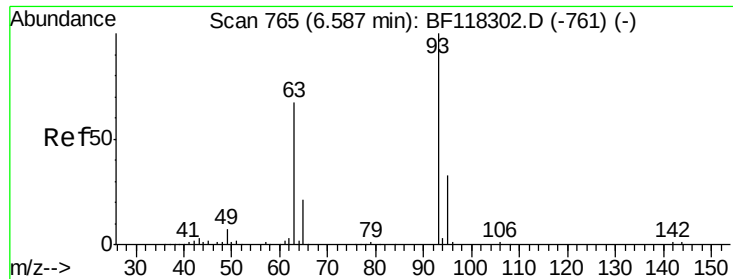
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#10
Phenol
Concen: 36.058 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.2	7.8	47.8
66	47.7	20.4	60.4





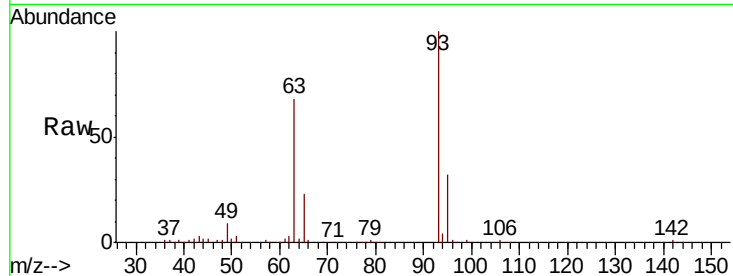
#11
bis(2-Chloroethyl)ether
Concen: 46.687 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
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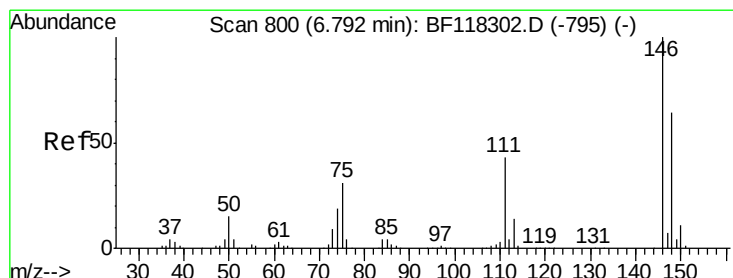
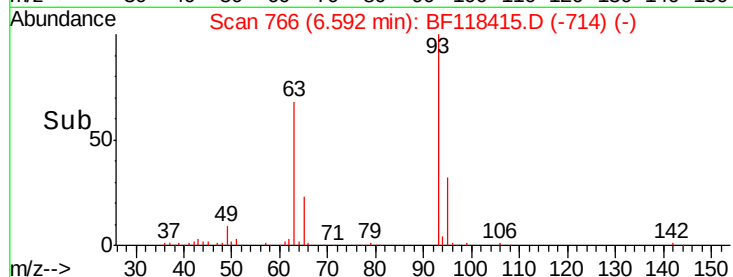
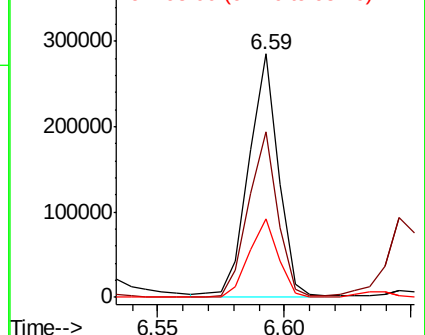
Tot Ion	93	Resp	234755
Ion Ratio	Lower	Upper	
93	100		
63	68.1	47.0	87.0
95	32.2	12.8	52.8

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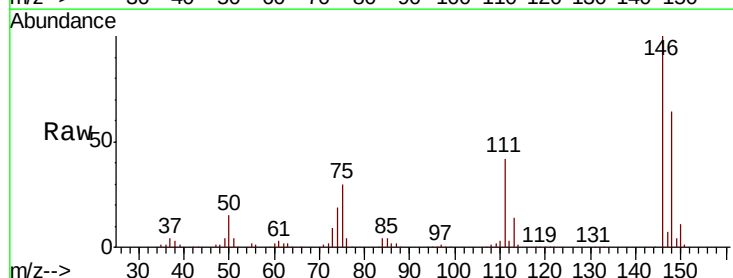


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

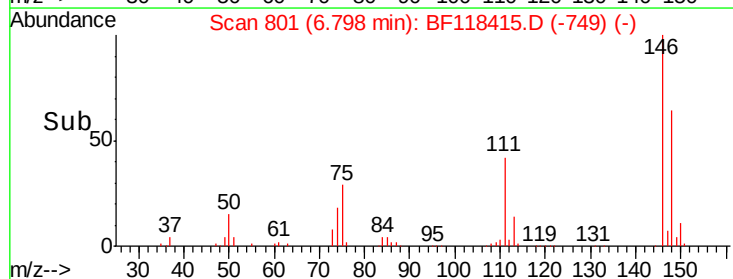
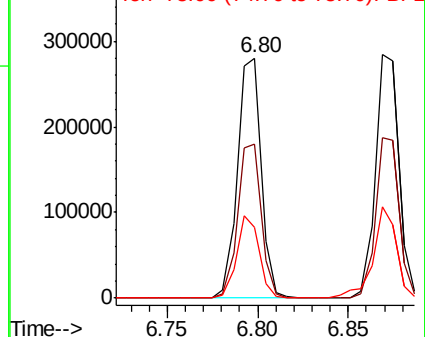


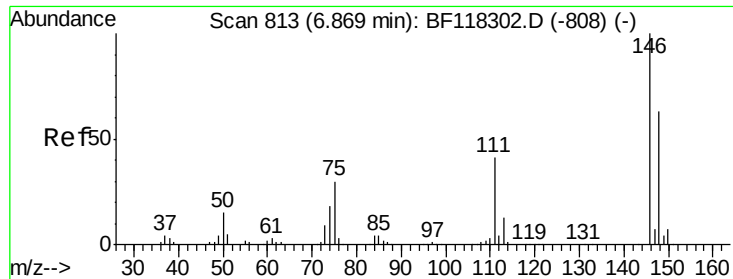
#12
1,3-Dichlorobenzene
Concen: 38.967 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	146	Resp	256300
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.0
75	29.6	24.4	36.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





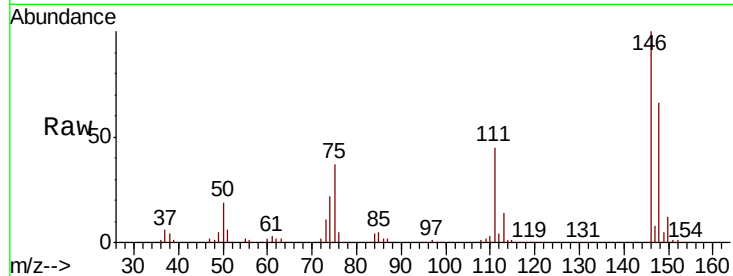
#13
 1,4-Dichlorobenzene
 Concen: 38.472 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

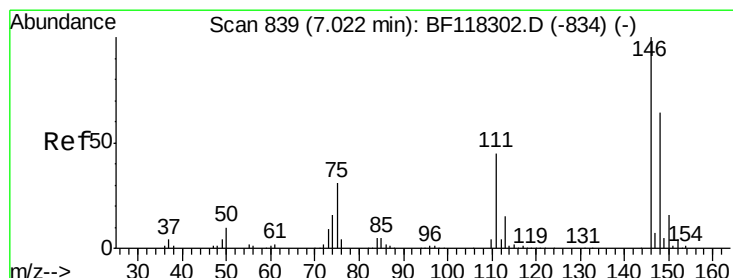
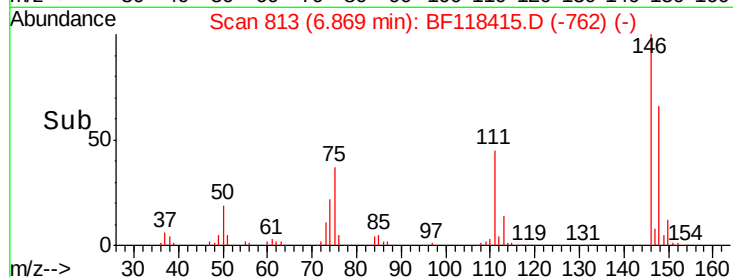
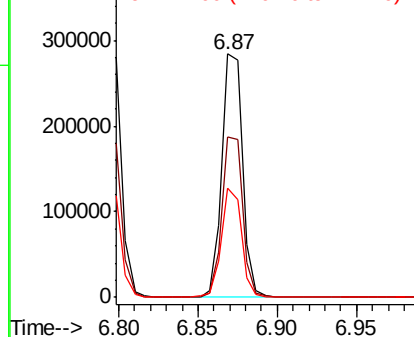
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.3	75.5
111	44.9	32.8	49.2

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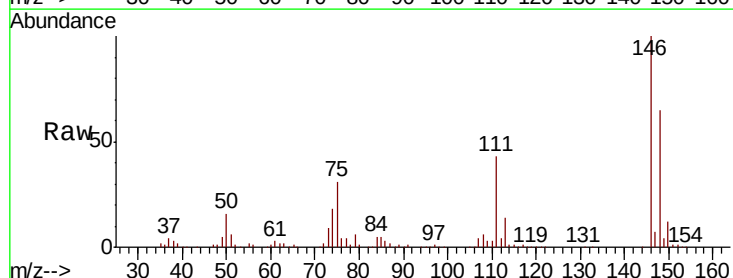


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

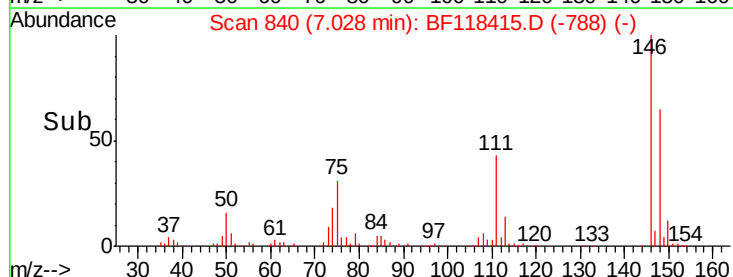
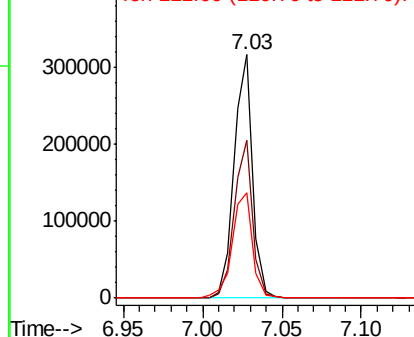


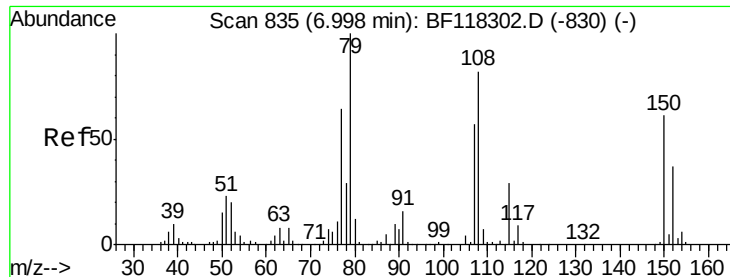
#14
 1,2-Dichlorobenzene
 Concen: 40.386 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.3	76.9
111	43.1	35.7	53.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





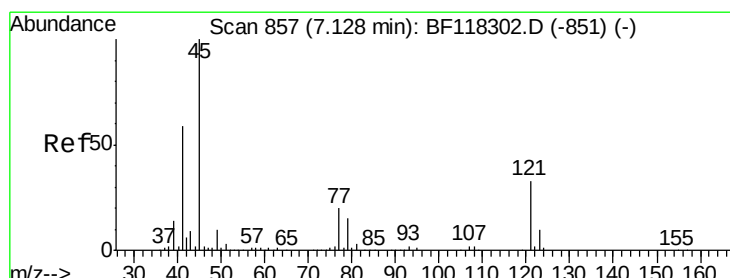
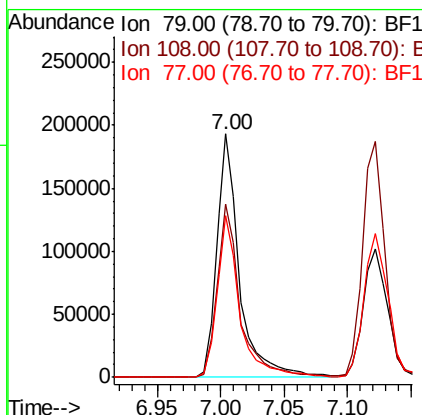
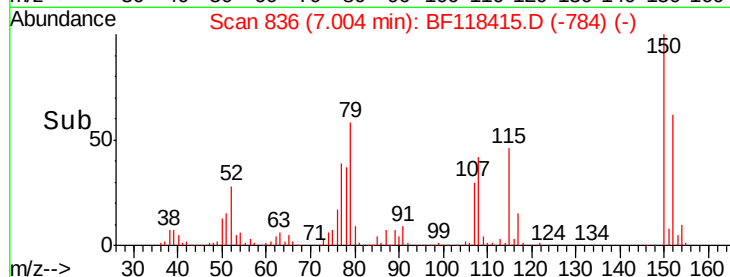
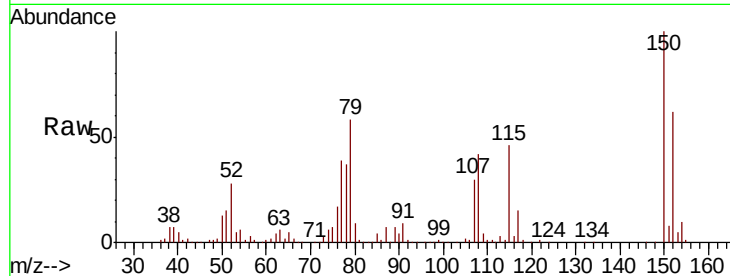
#15
Benzyl Alcohol
Concen: 50.792 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.4	65.4	98.0
77	66.5	51.4	77.0

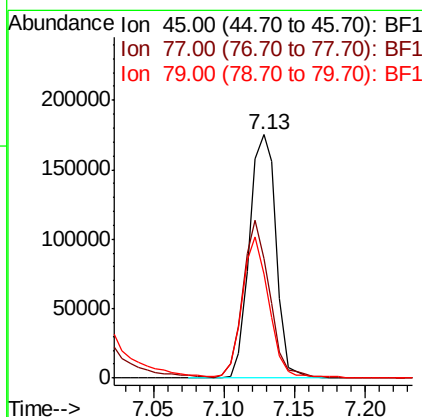
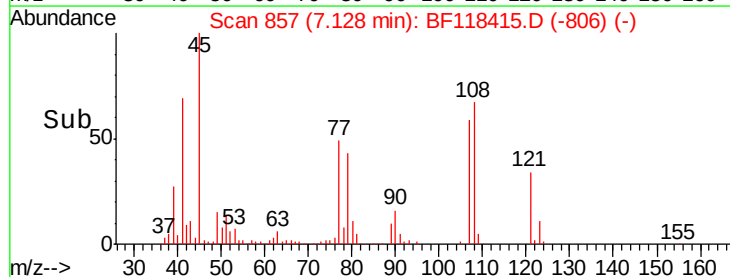
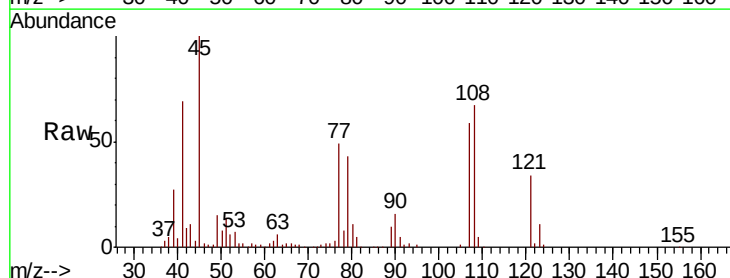
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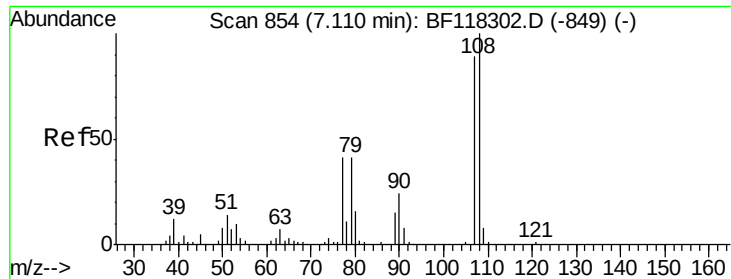
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#16
2,2'-oxybis(1-chloropropane)
Concen: 43.437 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
45	100		
77	49.2	1.2	41.2#
79	42.7	0.0	37.0#





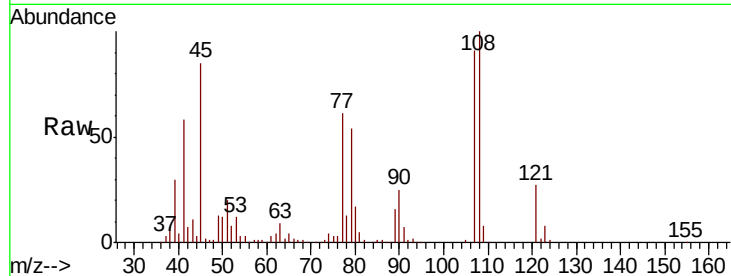
#17
2-Methylphenol
Concen: 44.674 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

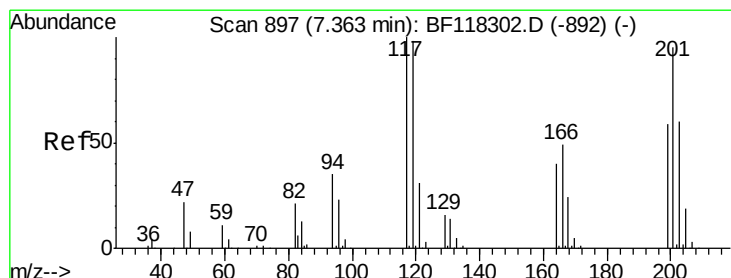
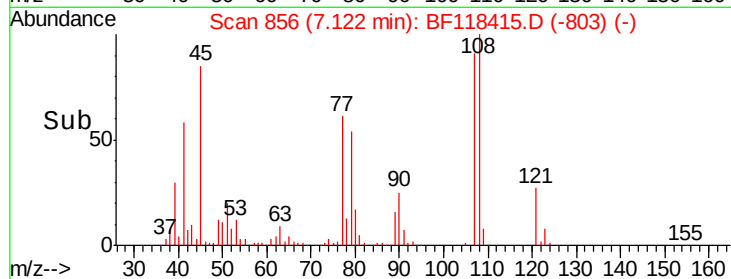
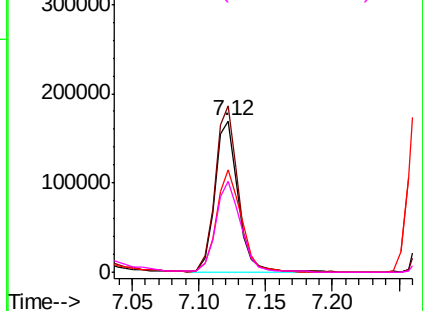
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.1	89.7	134.5
77	67.1	37.2	55.8#
79	59.8	36.7	55.1#

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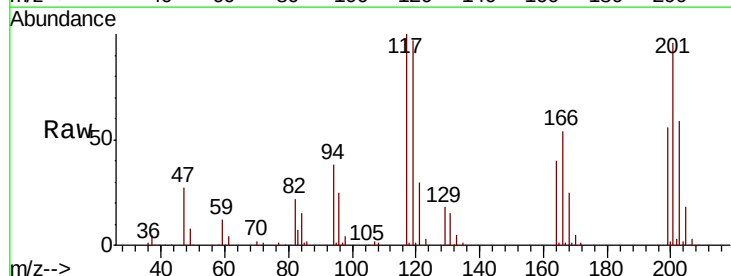


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

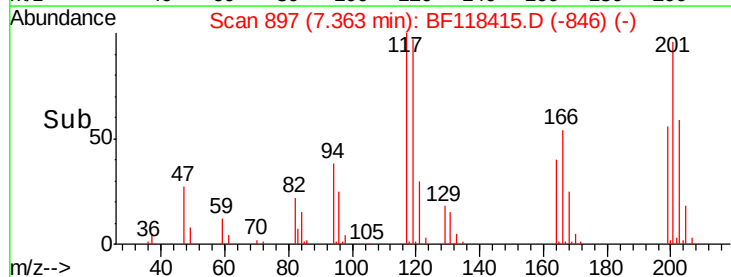
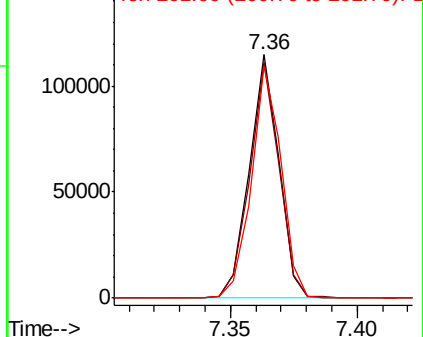


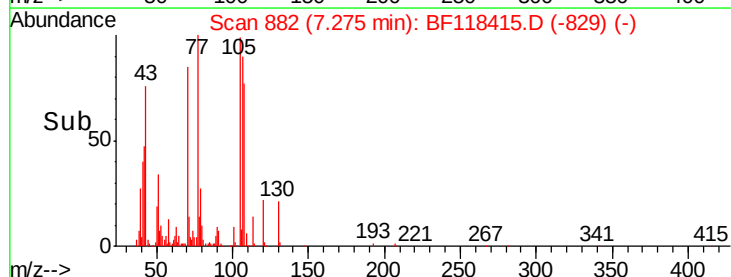
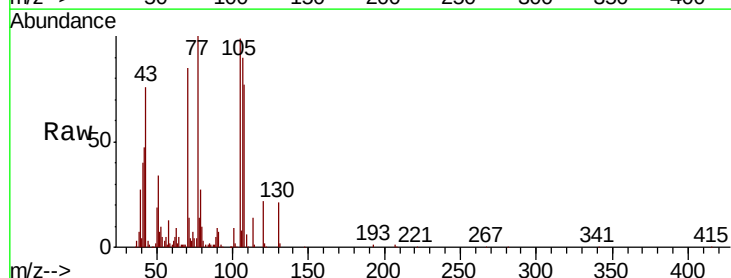
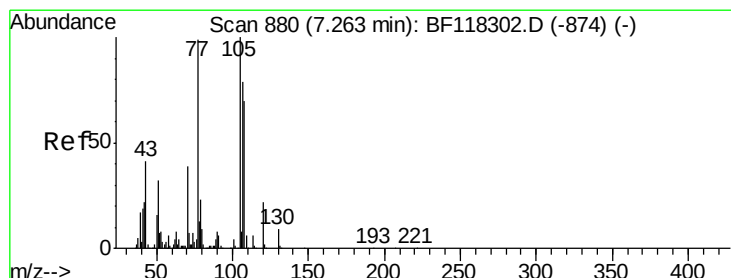
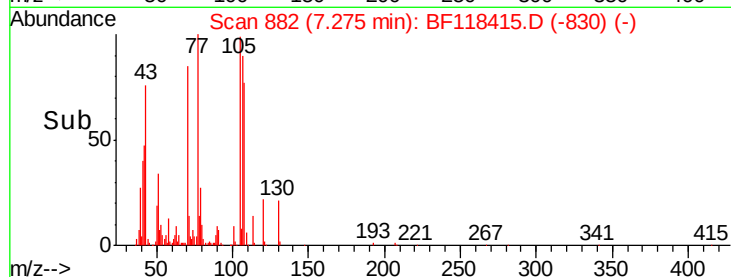
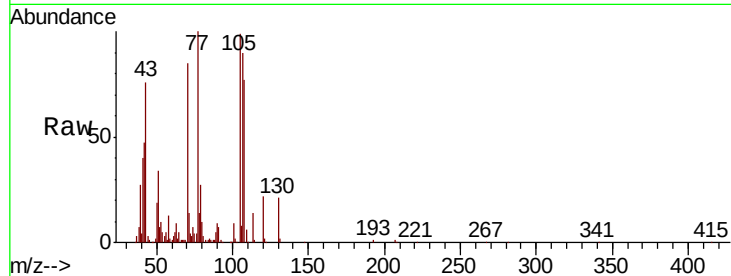
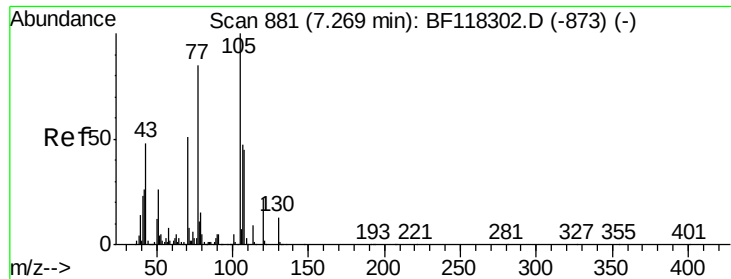
#18
Hexachloroethane
Concen: 38.008 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	78.0	117.0
201	95.6	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





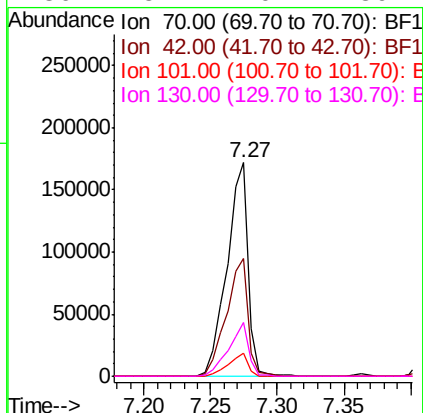
#19
n-Nitroso-di-n-propylamine
Concen: 49.988 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.3	41.1	61.7
101	10.9	8.3	12.5
130	25.1	20.1	30.1

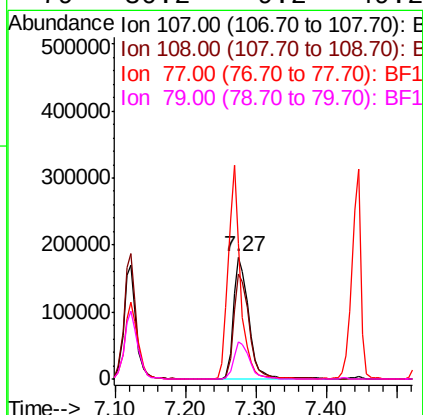
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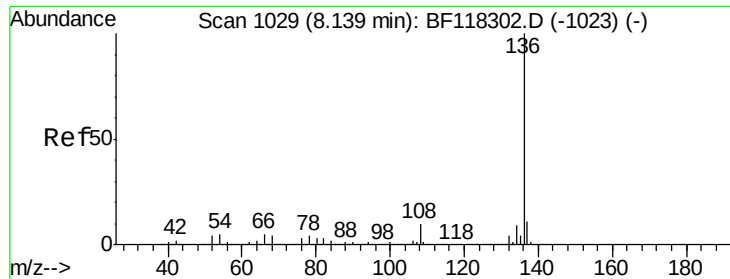
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#20
3+4-Methylphenols
Concen: 46.119 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	69.3	109.3
77	111.4	105.9	145.9
79	30.2	9.2	49.2





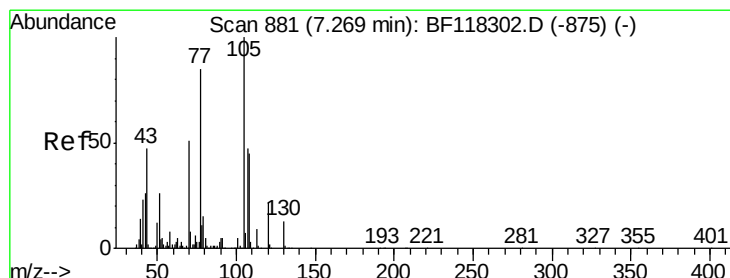
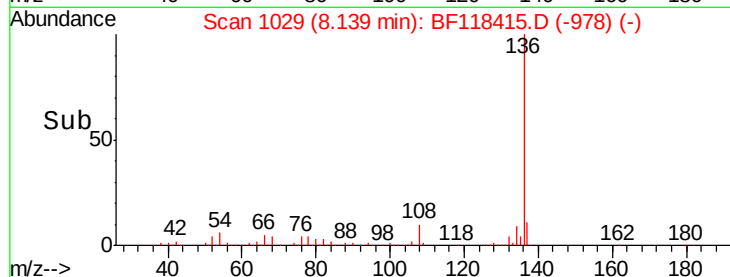
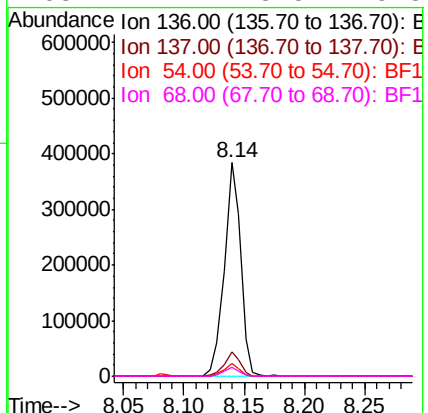
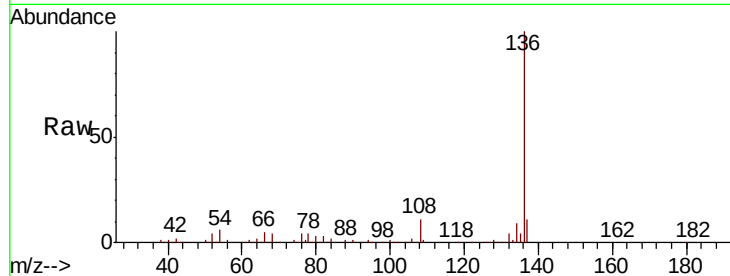
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		359370		
137	11.2	8.9	13.3		
54	5.7	4.2	6.4		
68	4.1	3.5	5.3		

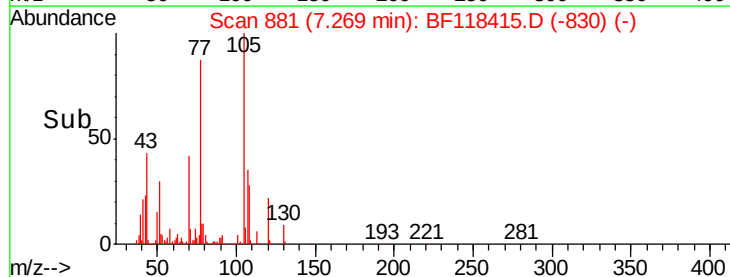
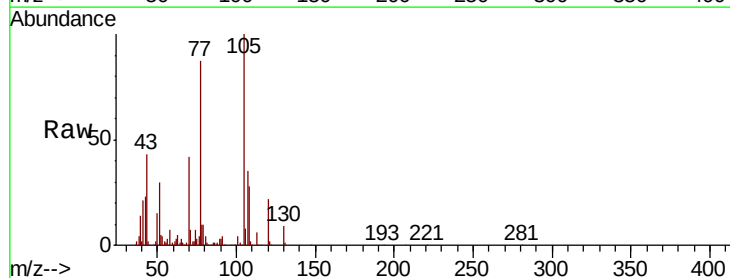
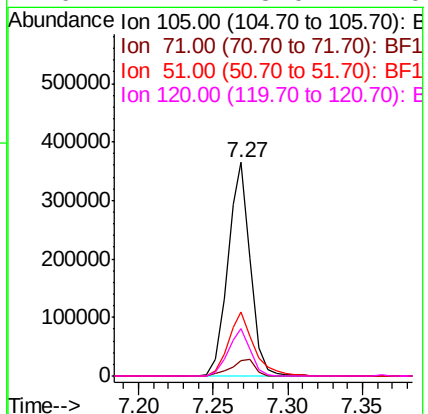
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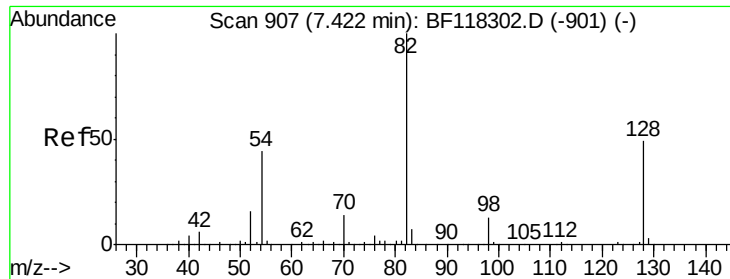
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#22
Acetophenone
Concen: 43.795 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		385735		
71	7.1	6.6	9.8		
51	29.7	20.6	30.8		
120	22.1	18.0	27.0		





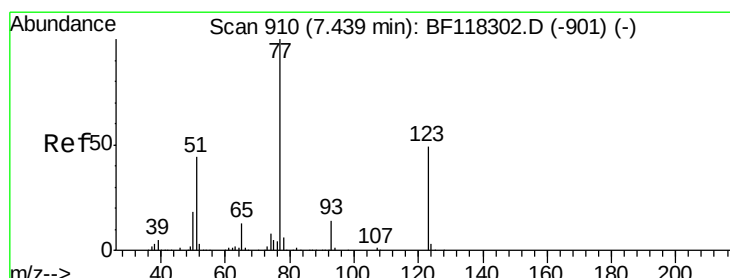
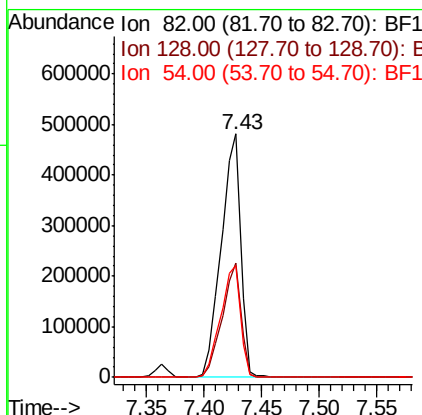
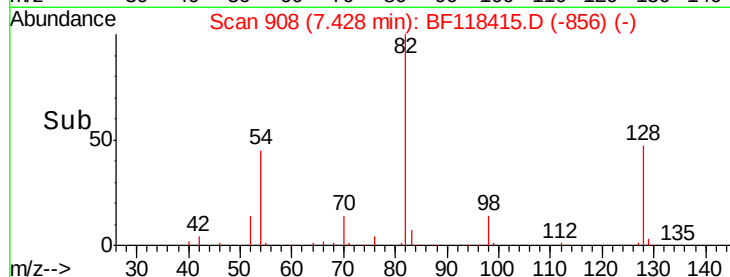
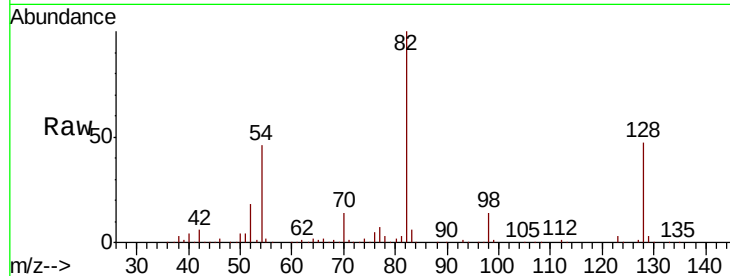
#23
 Nitrobenzene-d5
 Concen: 90.001 ng
 RT: 7.43 min Scan# 908
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	39.6	59.4
54	45.8	34.9	52.3

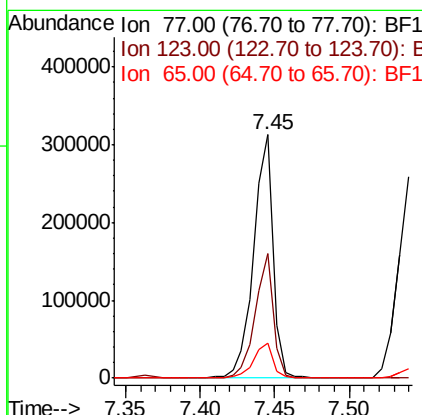
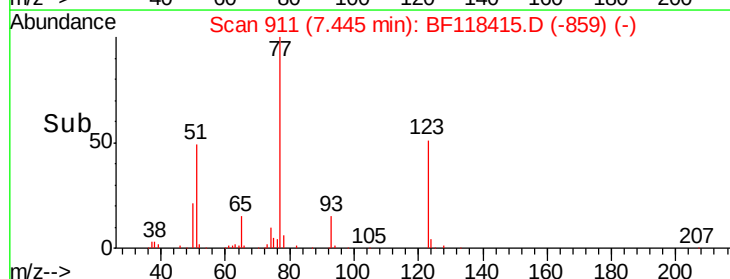
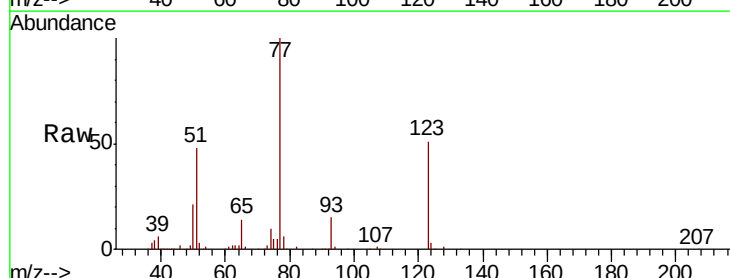
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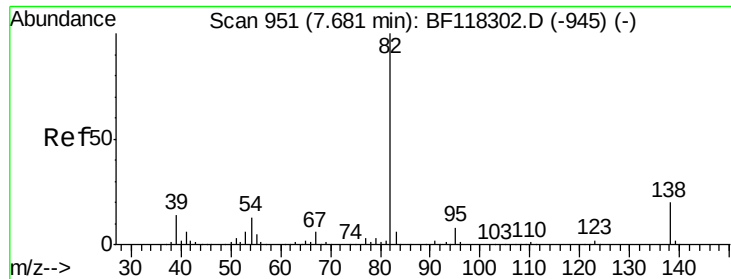
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#24
 Nitrobenzene
 Concen: 44.110 ng
 RT: 7.45 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.9	39.1	58.7
65	14.4	10.6	16.0





#25

Isophorone

Concen: 45.075 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

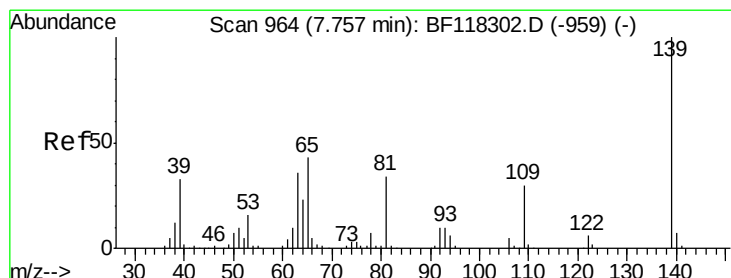
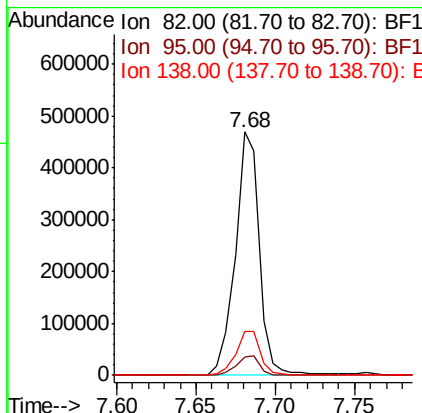
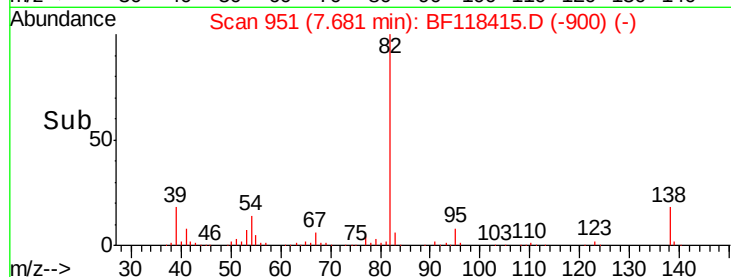
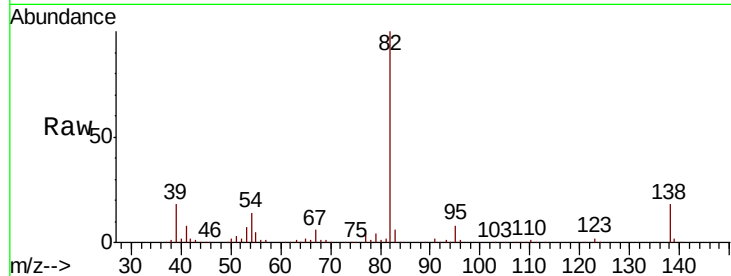
ClientSampleId :

EO-O1-122719MSD

Tot Ion:	82	Resp:	493590
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.3	9.5
138	17.8	16.2	24.2

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#26

2-Nitrophenol

Concen: 43.702 ng

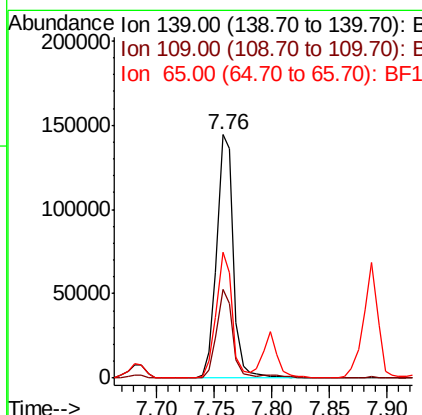
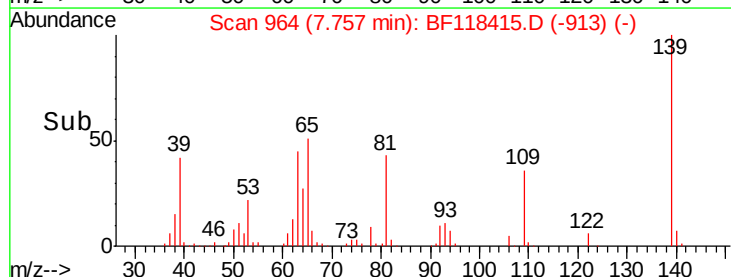
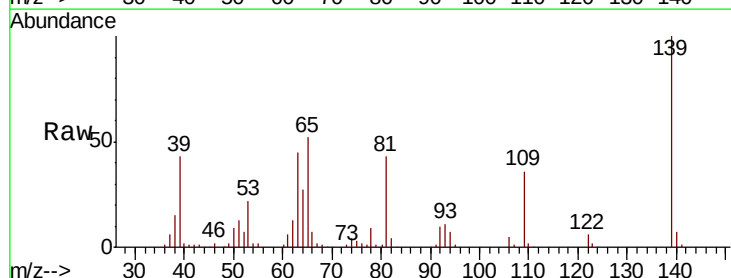
RT: 7.76 min Scan# 964

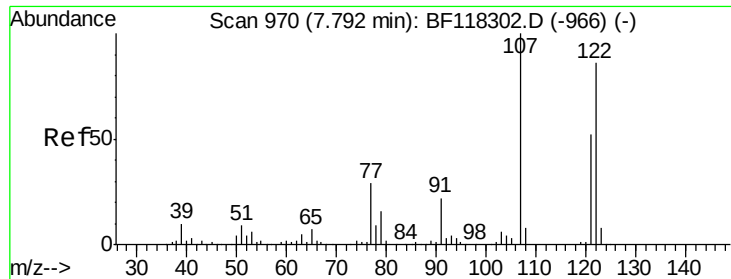
Delta R.T. 0.00 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Tgt Ion:	139	Resp:	145695
Ion Ratio	Lower	Upper	
139	100		
109	36.4	24.1	36.1#
65	51.9	34.6	52.0





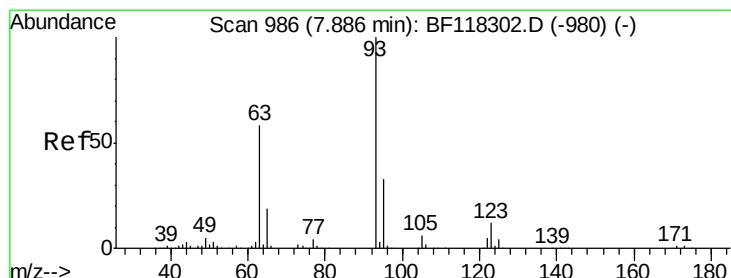
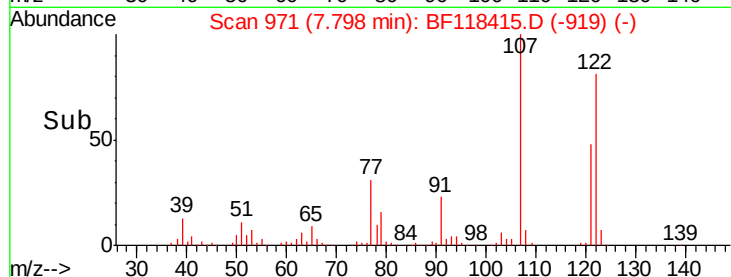
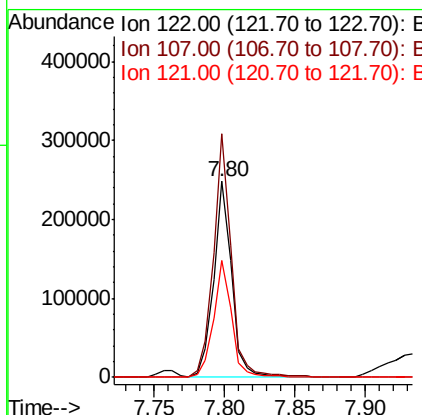
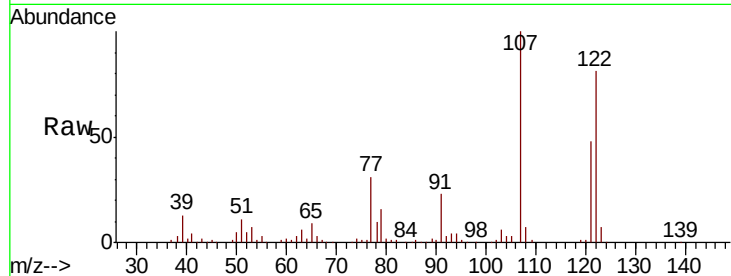
#27
 2,4-Dimethylphenol
 Concen: 48.495 ng
 RT: 7.80 min Scan# 971
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	220582		
107	124.1	92.9	139.3	
121	59.9	47.9	71.9	

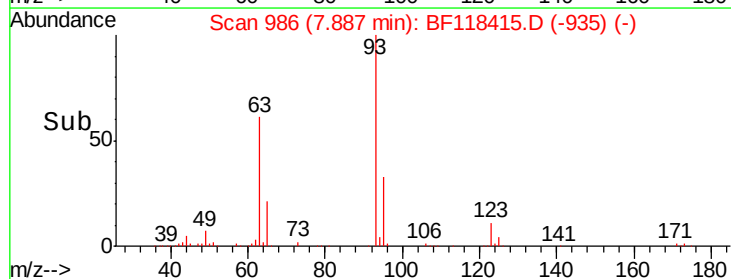
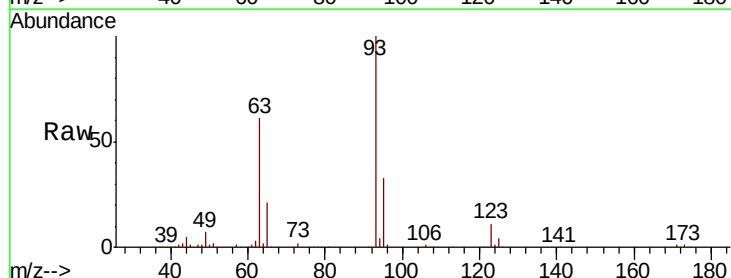
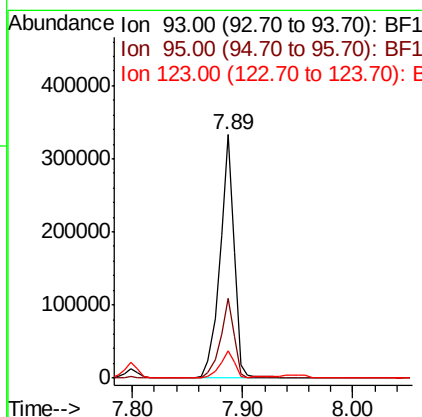
Manual Integrations
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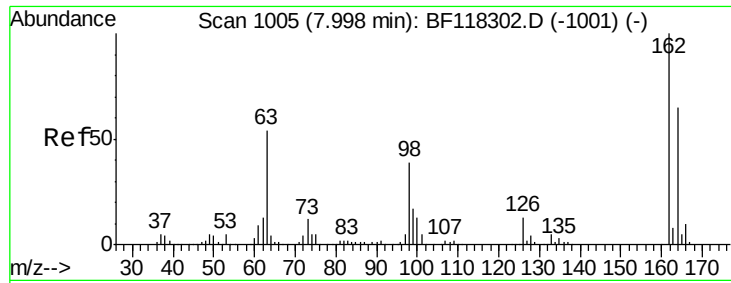
mohammad
 1/2/2020 11:50:10 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.657 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	298326		
95	32.9	26.2	39.4	
123	11.4	9.8	14.8	





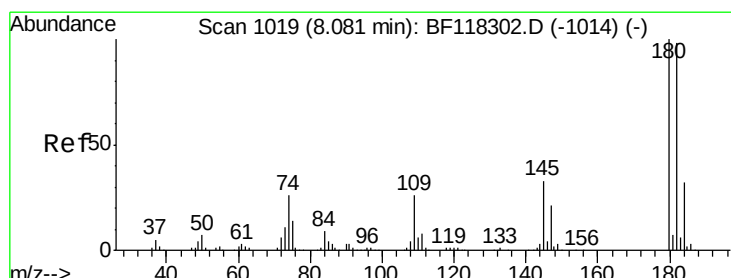
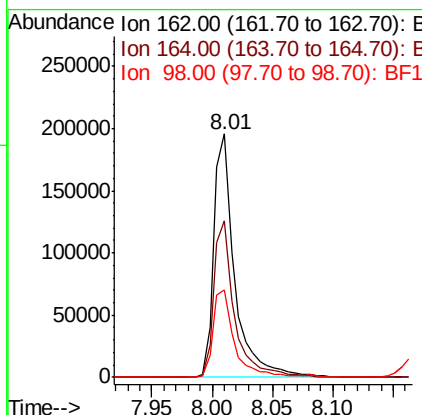
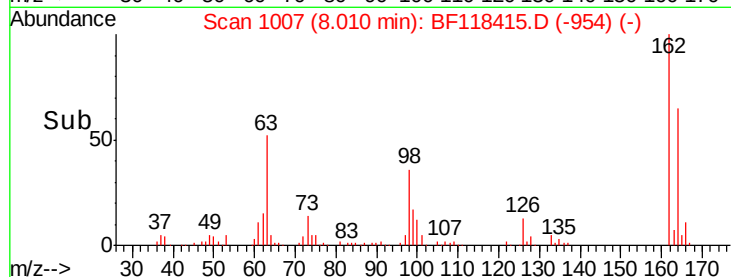
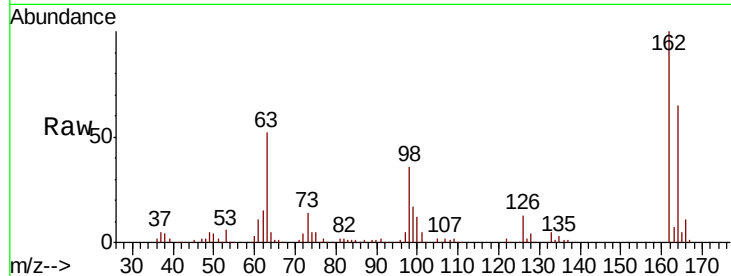
#29
 2,4-Dichlorophenol
 Concen: 44.274 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		231792		
164	64.6	45.1	85.1		
98	36.0	18.6	58.6		

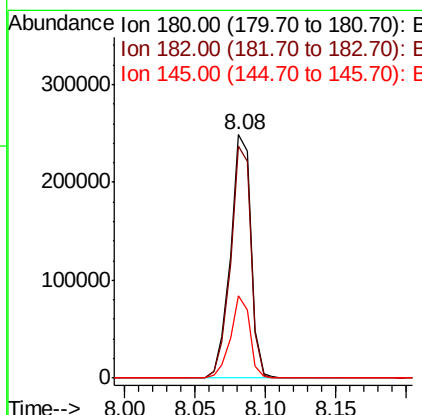
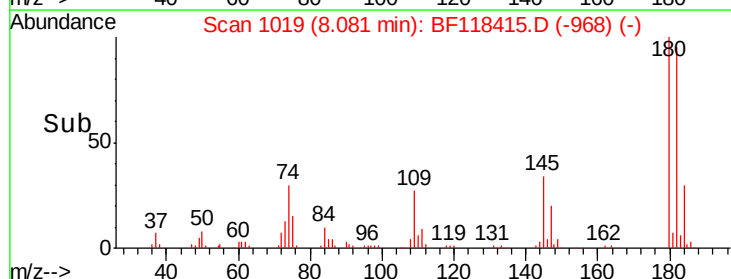
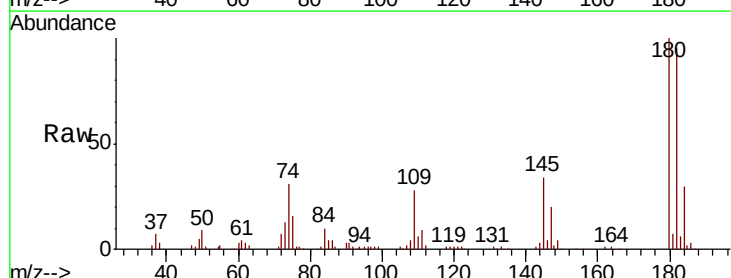
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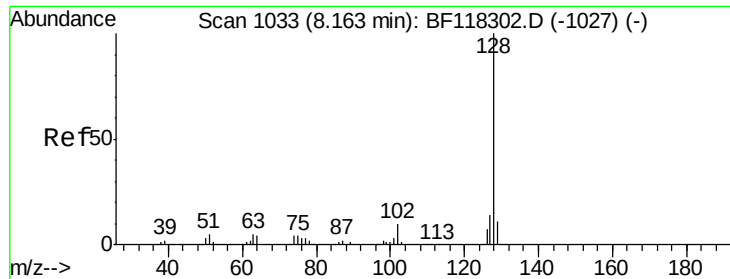
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 41.337 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		252100		
182	95.3	78.3	117.5		
145	33.9	26.7	40.1		





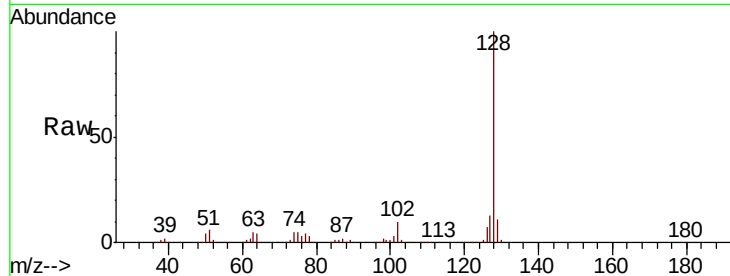
#31
Naphthalene
Concen: 44.491 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

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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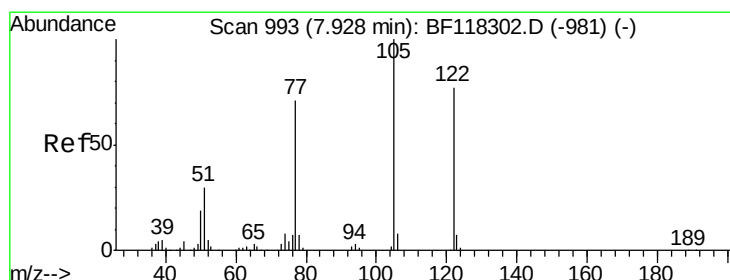
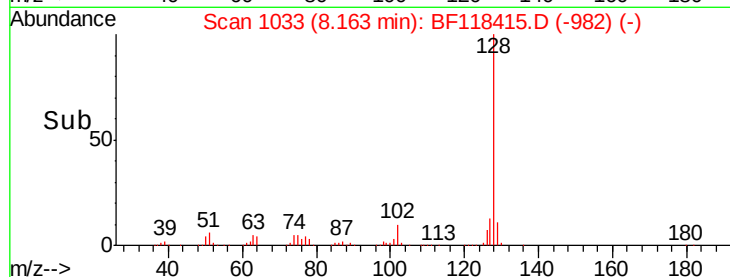
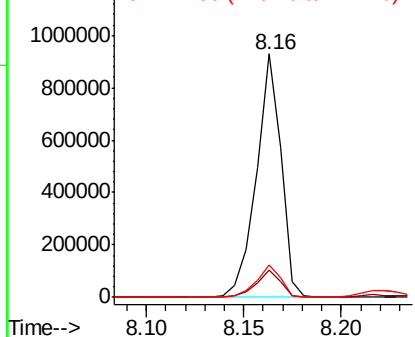


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 32.718 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

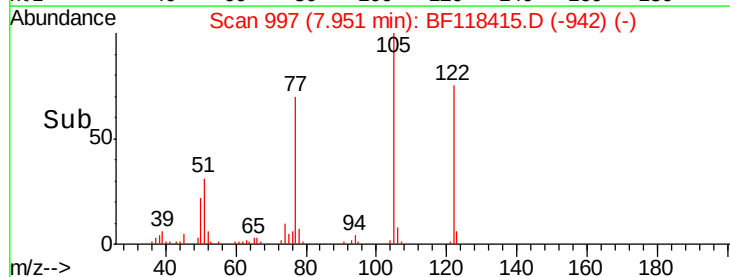
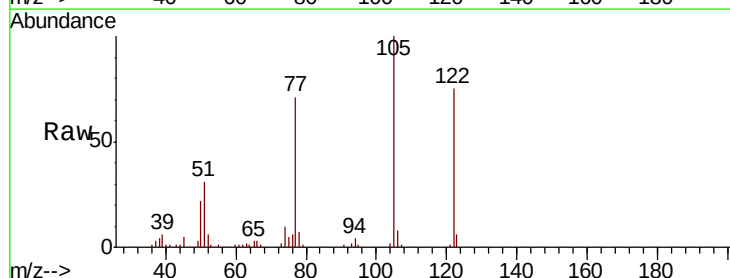
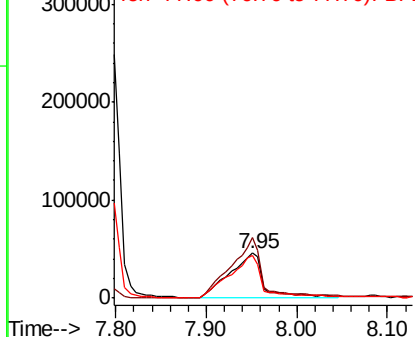
Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.2	106.8	146.8
77	95.0	70.4	110.4

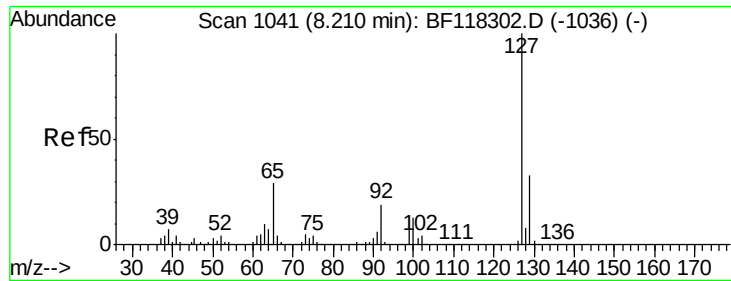
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





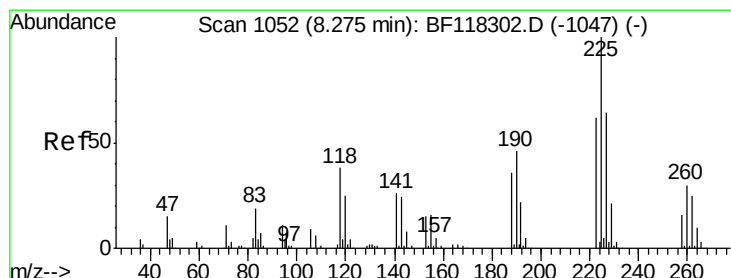
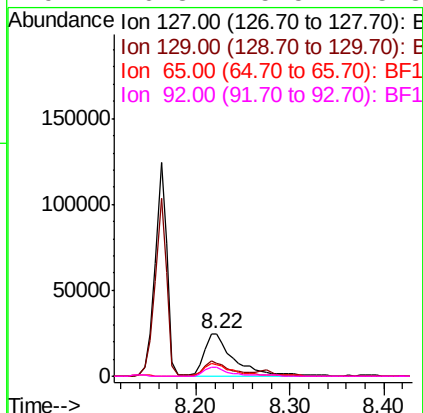
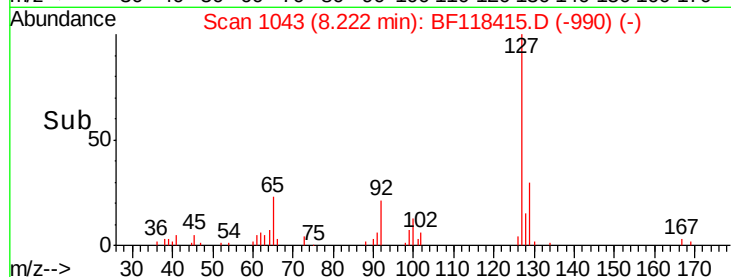
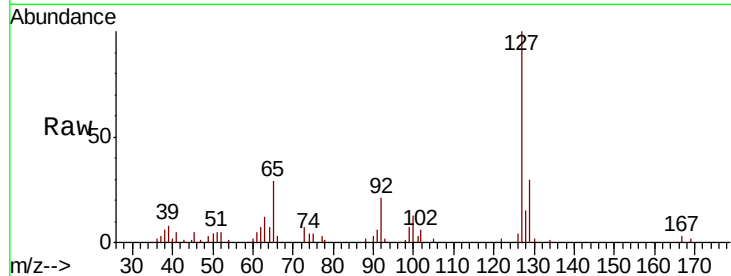
#33
4-Chloroaniline
Concen: 6.826 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.7	26.5	39.7
65	28.5	22.8	34.2
92	20.8	15.5	23.3

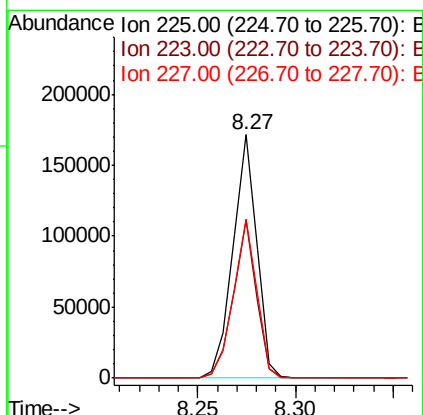
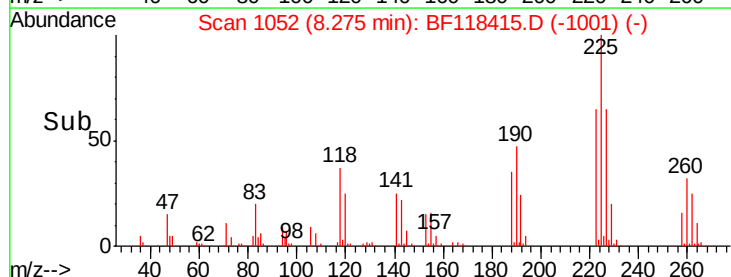
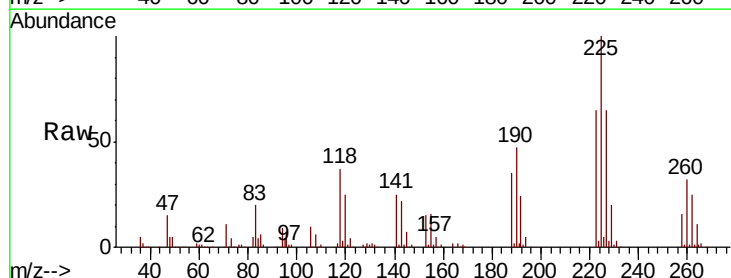
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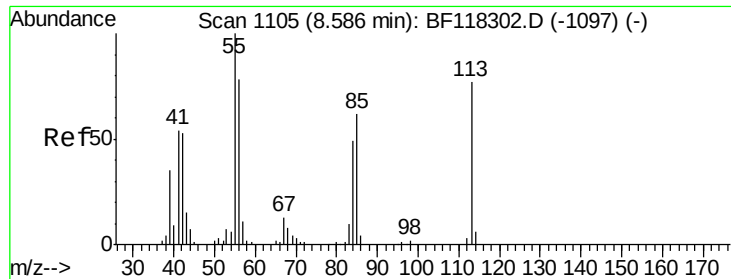
mohammad
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#34
Hexachlorobutadiene
Concen: 40.017 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.5	74.3
227	65.2	51.0	76.4





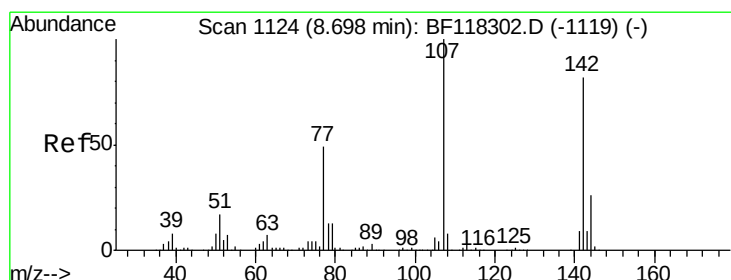
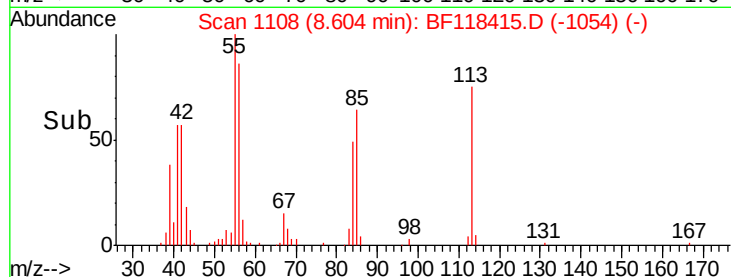
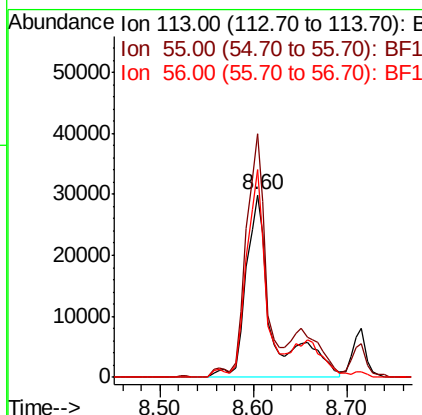
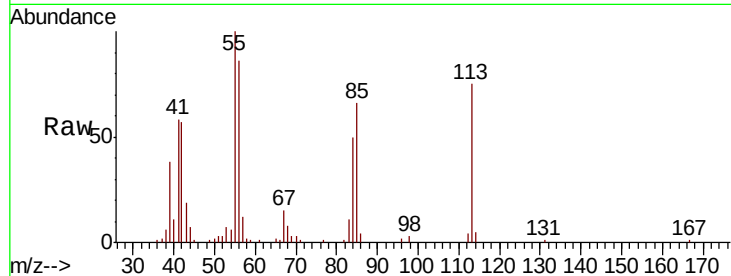
#35
Caprolactam
Concen: 36.255 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	133.5	109.8	149.8
56	114.2	81.7	121.7

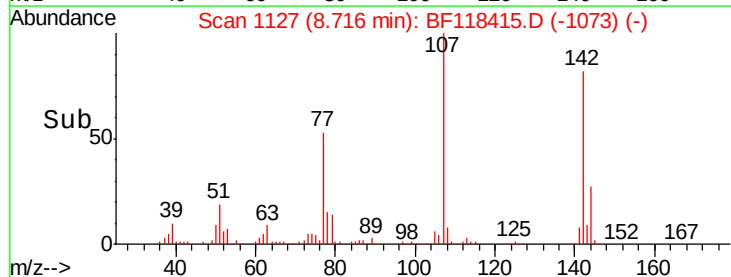
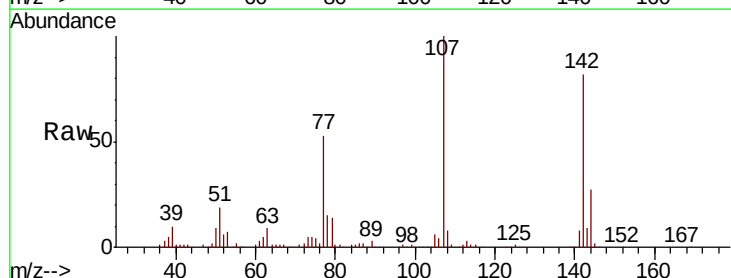
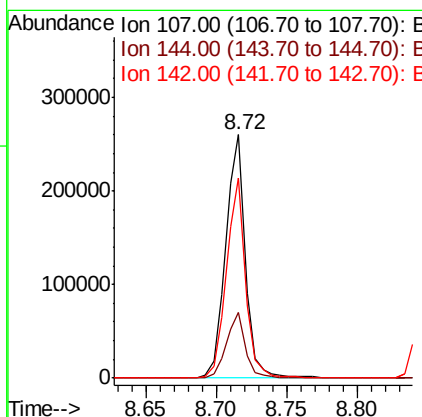
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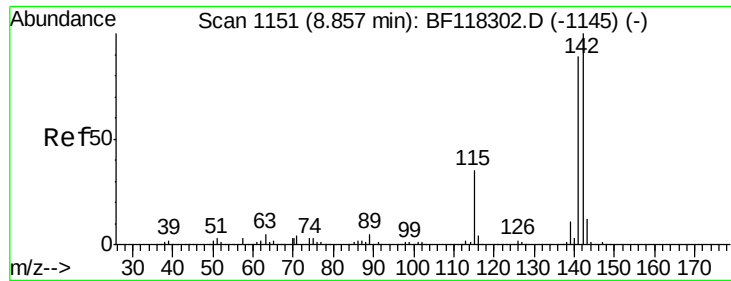
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 44.873 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.2	31.8
142	82.0	65.4	98.2





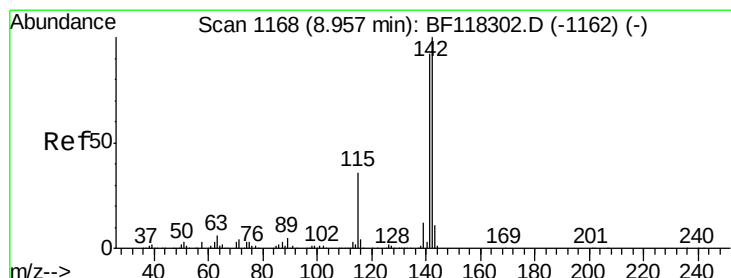
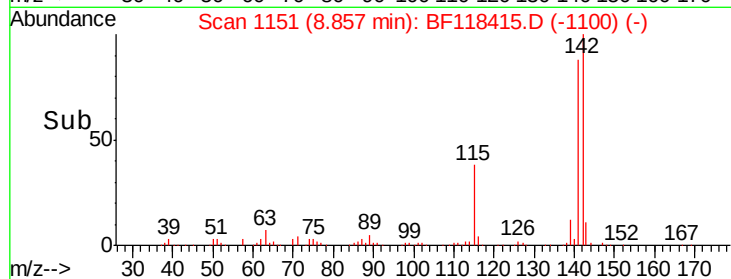
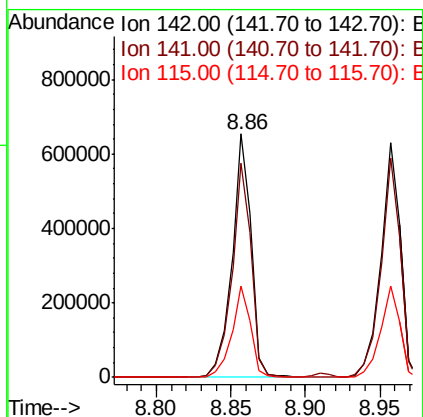
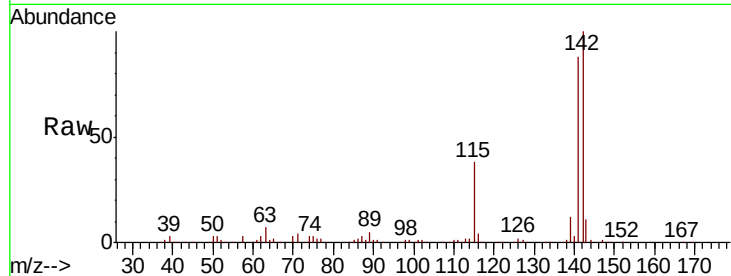
#37
2-Methylnaphthalene
Concen: 47.154 ng
RT: 8.86 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.2	106.8
115	37.6	28.0	42.0

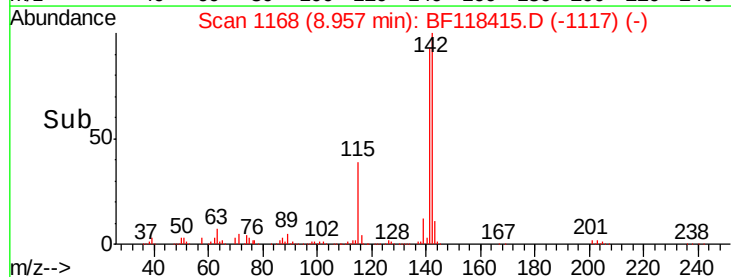
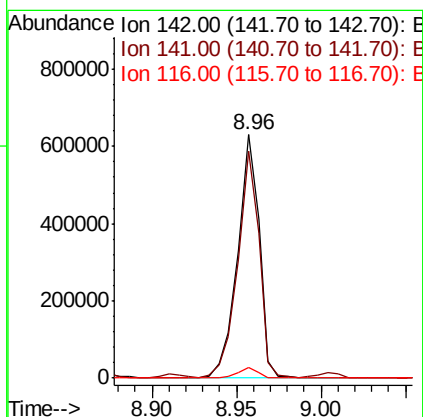
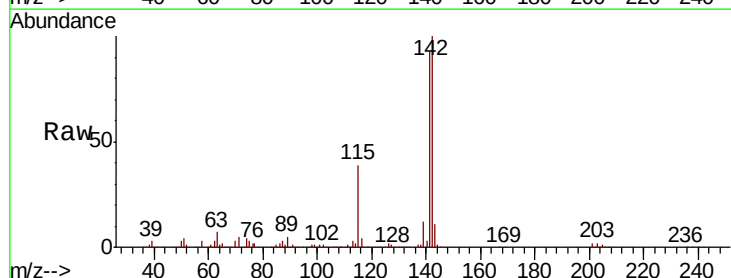
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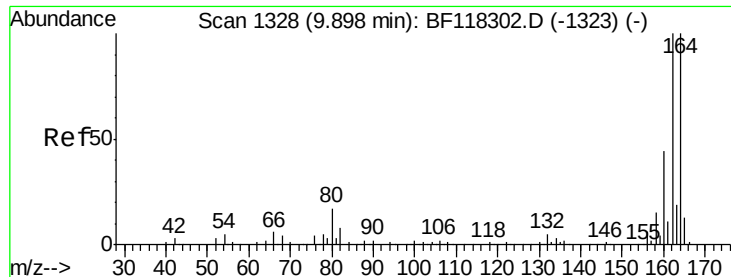
mohammad
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#38
1-Methylnaphthalene
Concen: 47.425 ng
RT: 8.96 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.3	73.4	110.2
116	4.2	2.9	4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

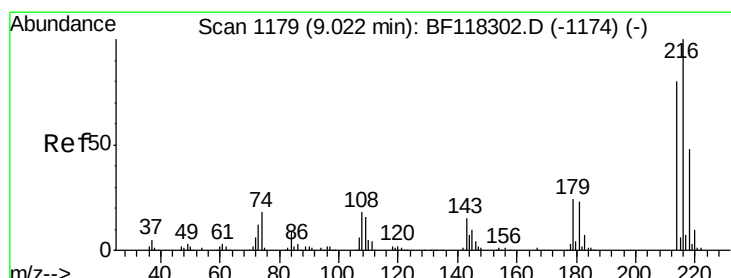
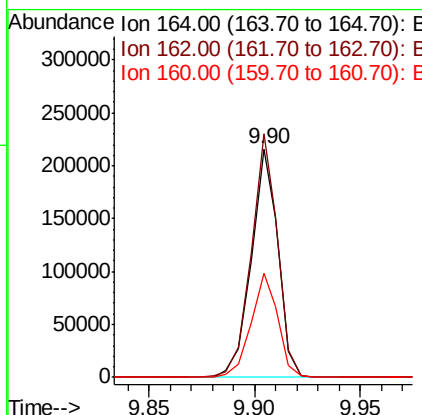
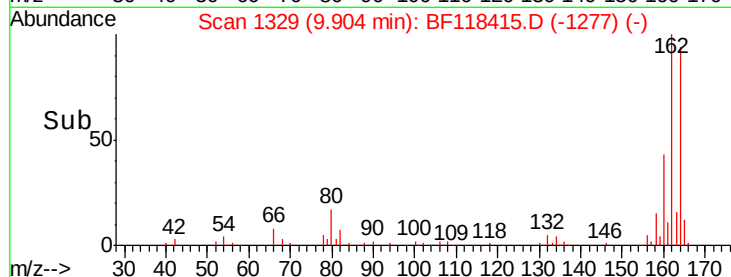
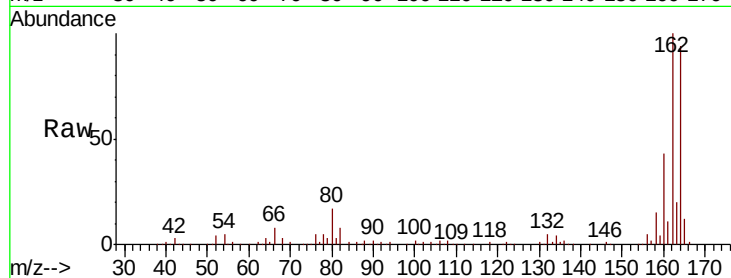
ClientSampleId :

EO-O1-122719MSD

Tot Ion:	164	Resp:	189912
Ion Ratio	Lower	Upper	
164	100		
162	106.4	80.0	120.0
160	45.8	34.8	52.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.694 ng

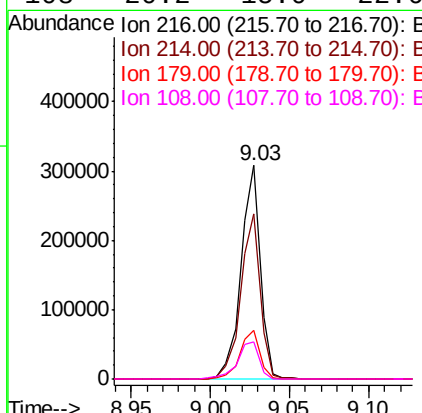
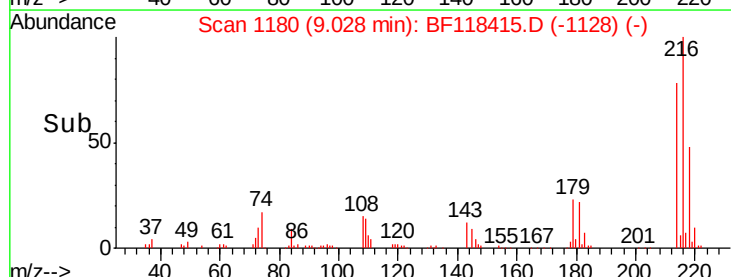
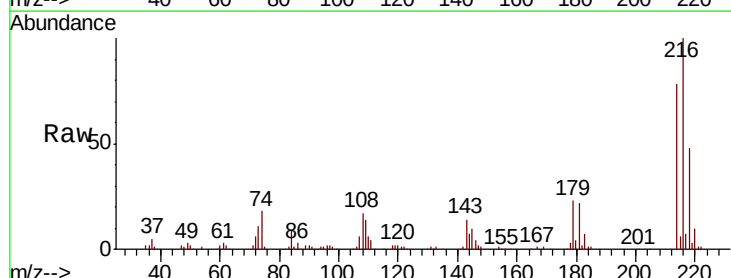
RT: 9.03 min Scan# 1180

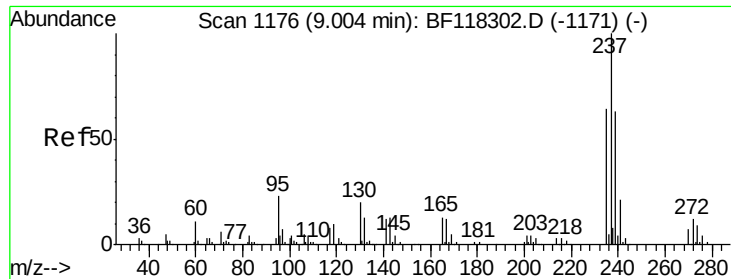
Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Tgt Ion:	216	Resp:	260731
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.3	94.9
179	23.3	18.9	28.3
108	20.2	15.0	22.6





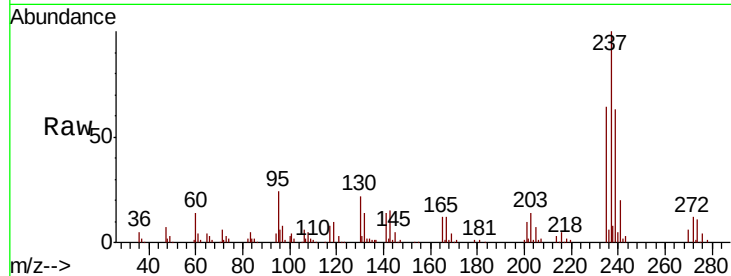
#41
Hexachlorocyclopentadiene
Concen: 41.768 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

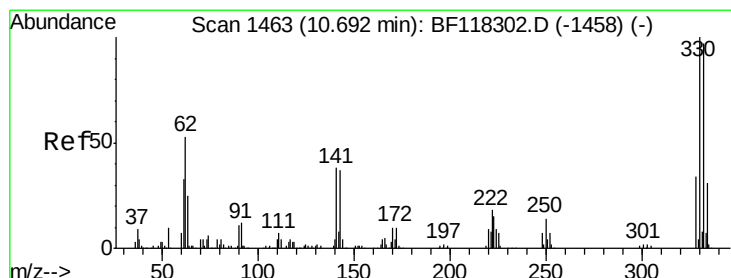
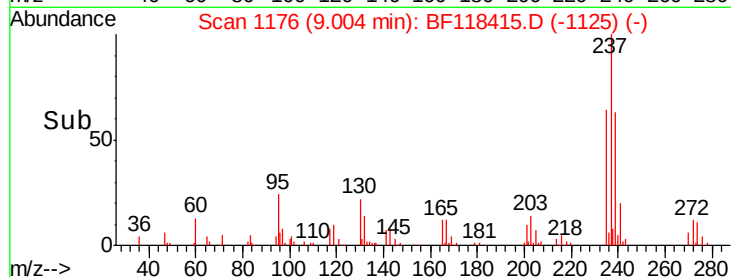
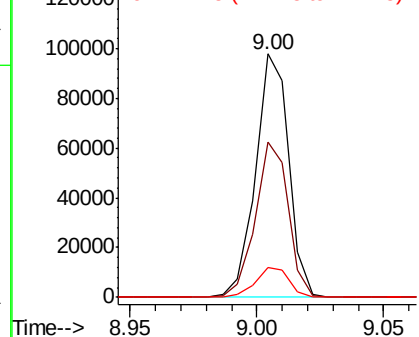
Tot Ion:	237	Resp:	88660
Ion Ratio	Lower	Upper	
237	100		
235	63.7	43.8	83.8
272	12.3	0.0	31.7

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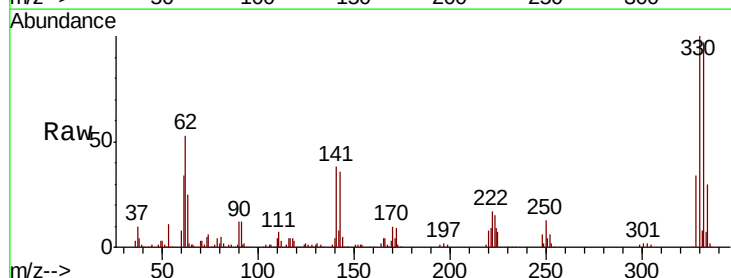


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

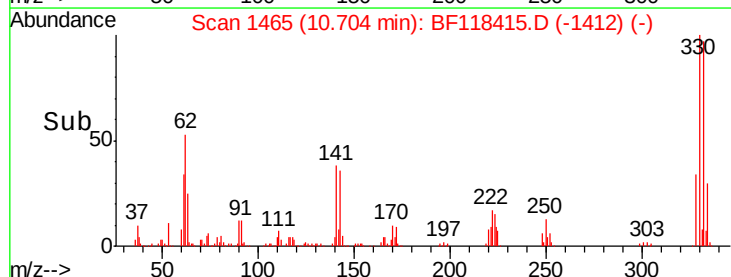
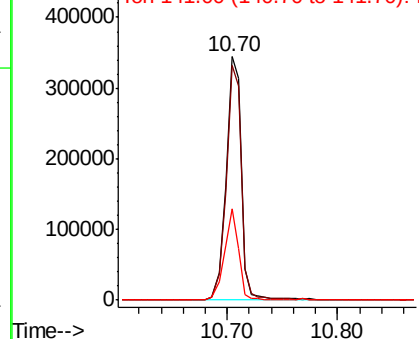


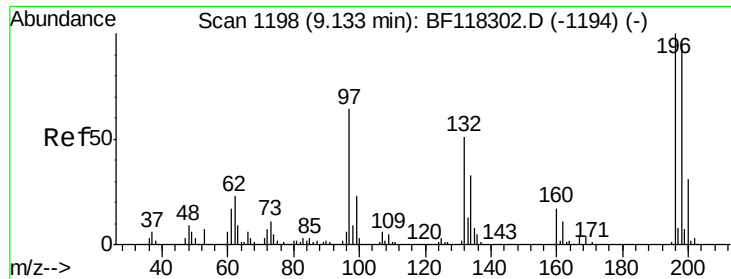
#42
2,4,6-Tribromophenol
Concen: 141.861 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:	330	Resp:	332702
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.6	114.8
141	34.5	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





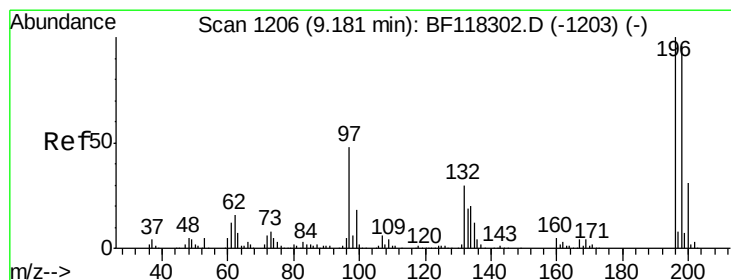
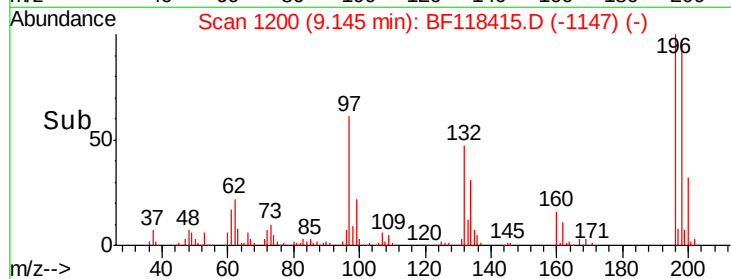
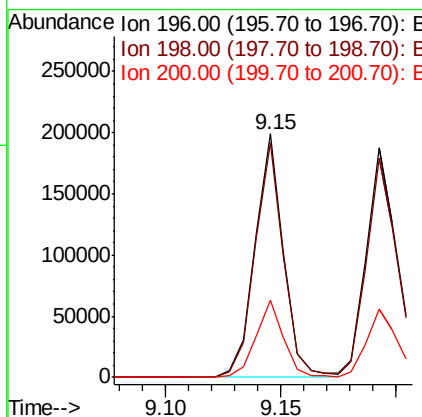
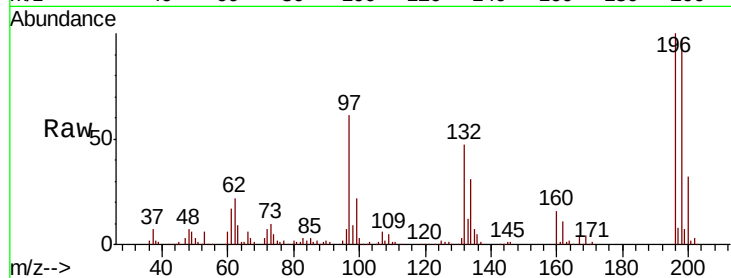
#43
 2,4,6-Trichlorophenol
 Concen: 45.157 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion:	196	Resp:	172138
Ion Ratio	Lower	Upper	
196	100		
198	96.6	76.7	115.1
200	31.6	24.8	37.2

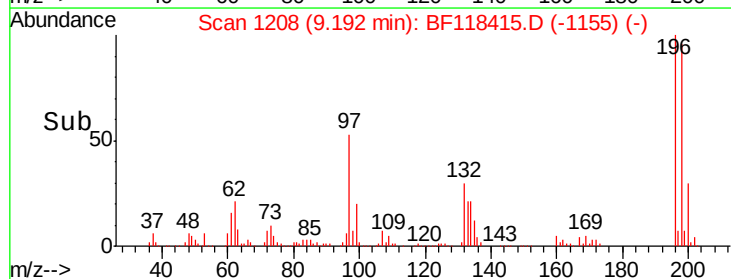
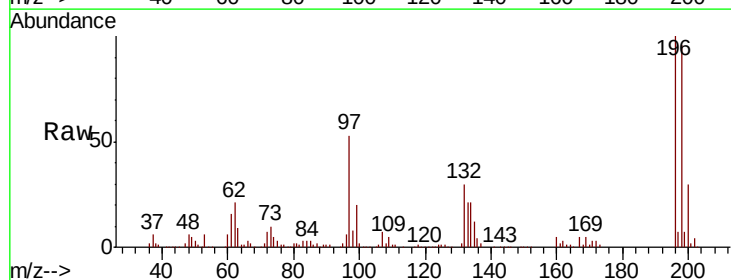
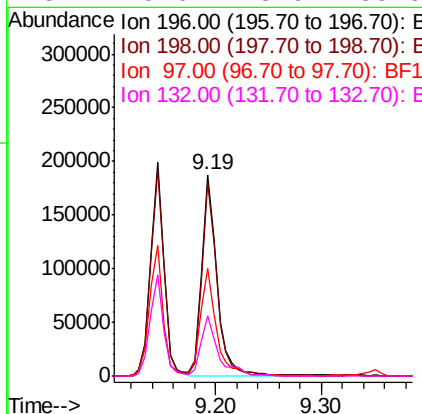
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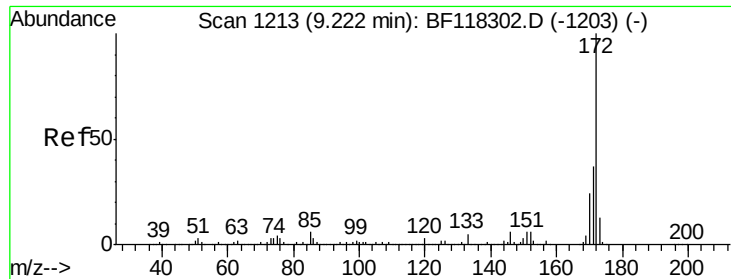
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#44
 2,4,5-Trichlorophenol
 Concen: 47.466 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion:	196	Resp:	186135
Ion Ratio	Lower	Upper	
196	100		
198	95.7	77.0	115.4
97	53.2	38.9	58.3
132	29.6	23.9	35.9





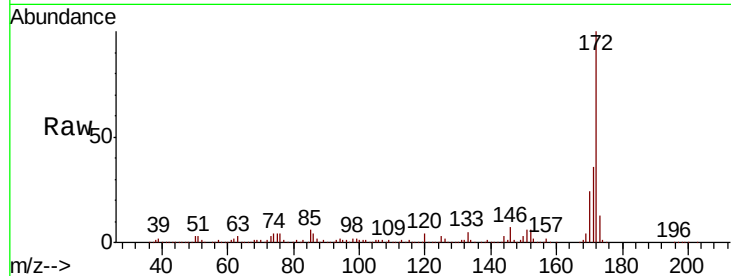
#45
2-Fluorobiphenyl
Concen: 100.068 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.3	43.9
170	23.8	19.2	28.8

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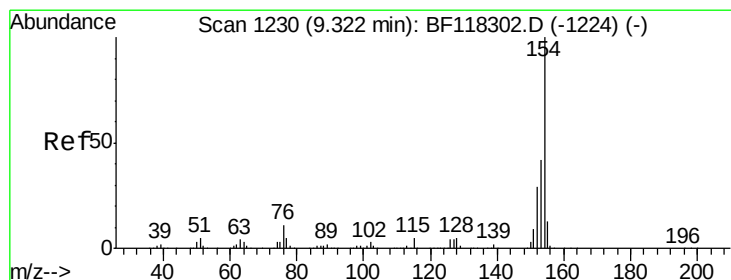
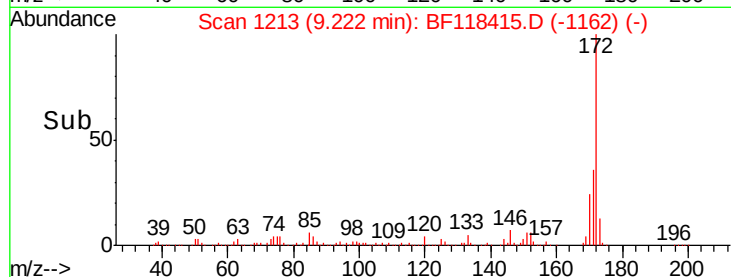
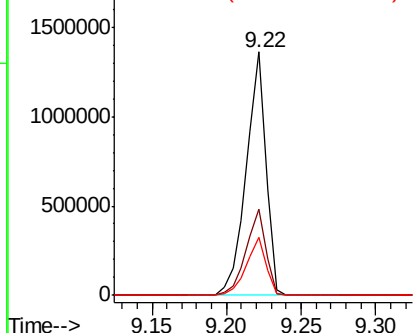


Abundance

Ion 172.00 (171.70 to 172.70): E

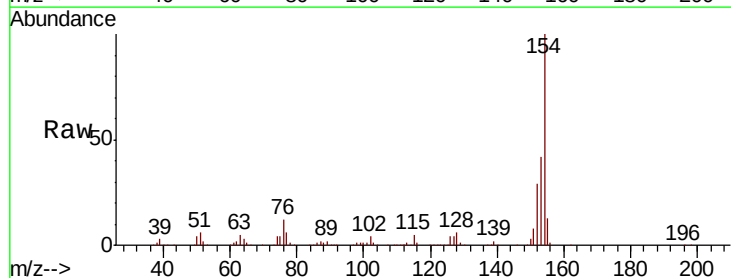
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 47.521 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.8	61.8
76	12.0	0.0	30.9

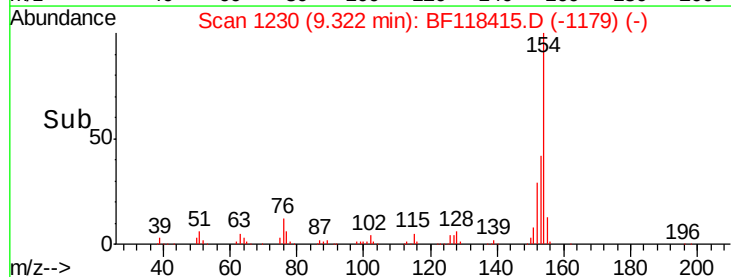
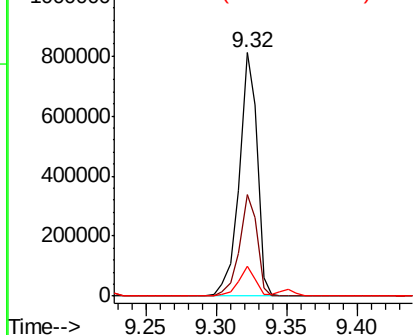


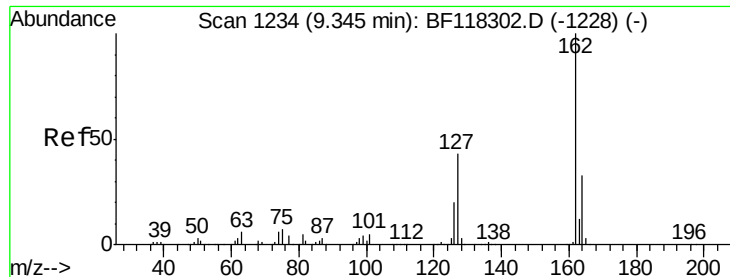
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





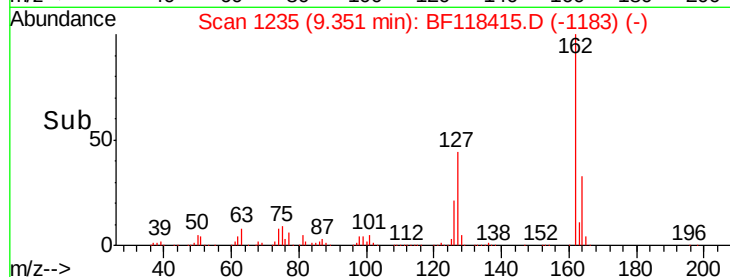
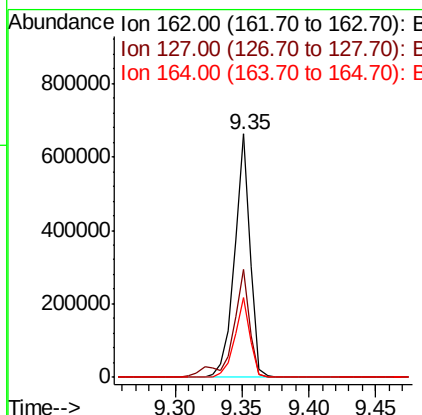
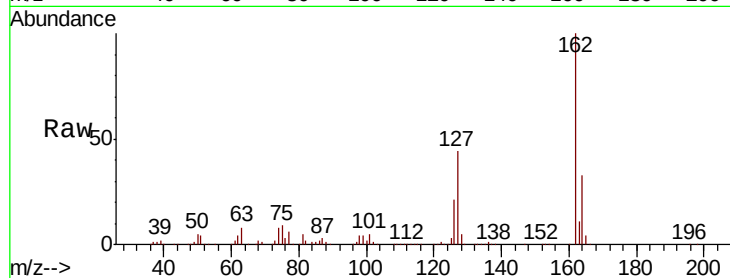
#47
2-Chloronaphthalene
Concen: 44.944 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	543348		
127	44.4	35.0	52.4	
164	32.9	26.6	40.0	

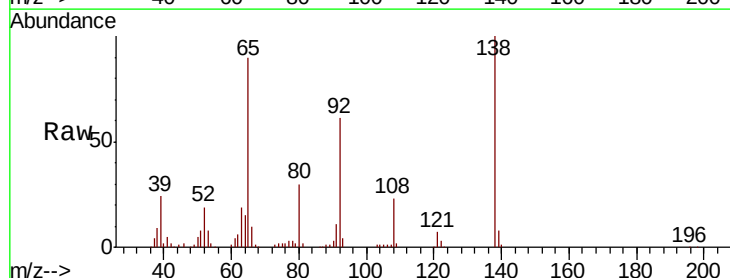
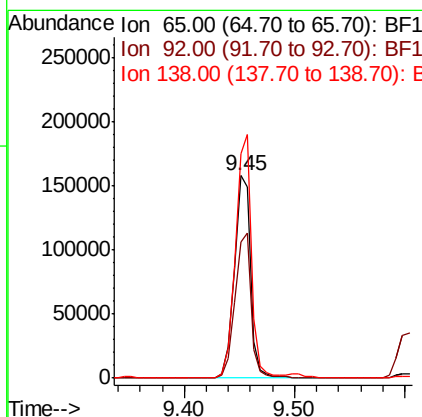
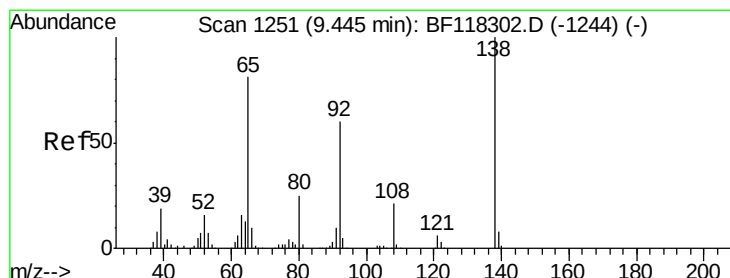
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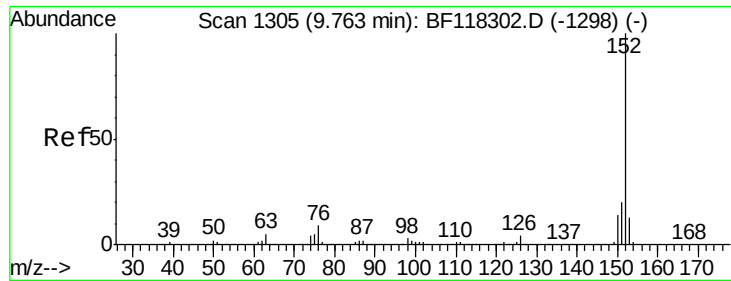
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#48
2-Nitroaniline
Concen: 48.155 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	164436		
92	67.4	58.7	88.1	
138	111.0	98.5	147.7	





#49

Acenaphthylene

Concen: 47.315 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

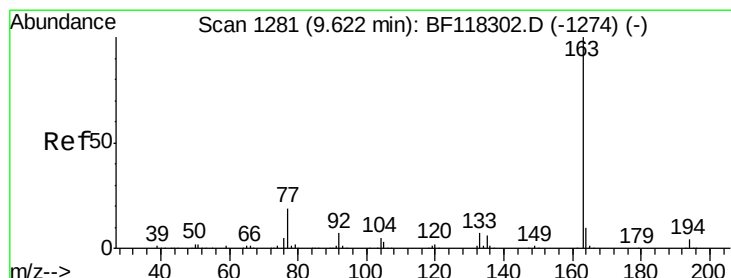
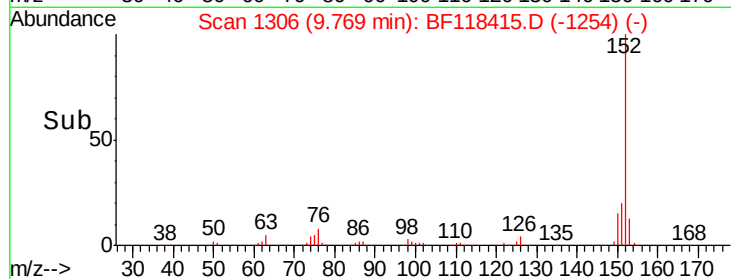
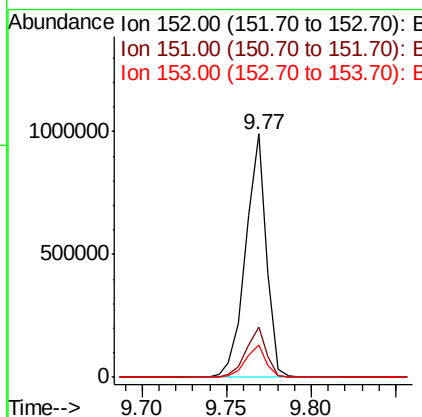
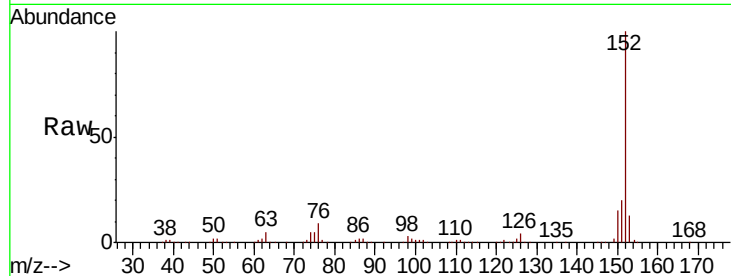
ClientSampleId :

EO-O1-122719MSD

Tot Ion:	152	Resp:	848341
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.2
153	13.5	10.5	15.7

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#50

Dimethylphthalate

Concen: 48.774 ng

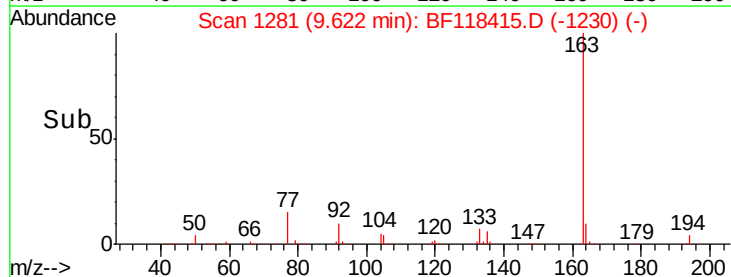
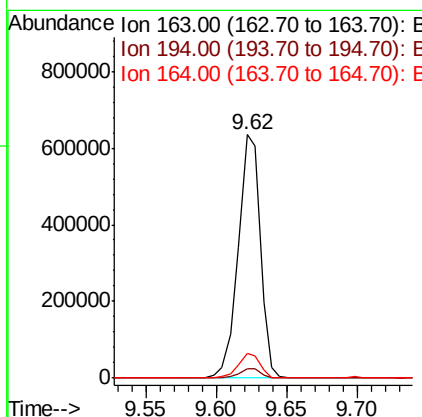
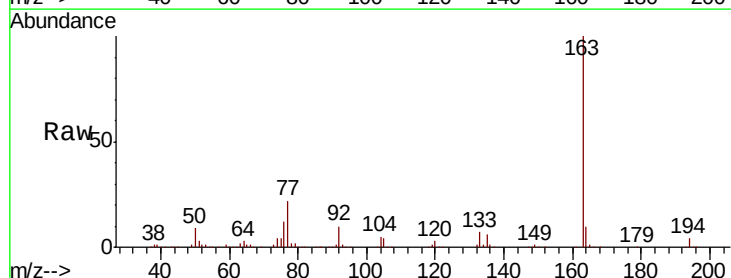
RT: 9.62 min Scan# 1281

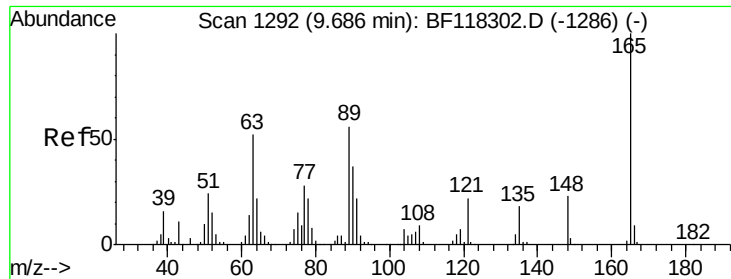
Delta R.T. 0.00 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Tgt Ion:	163	Resp:	695296
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	10.2	7.9	11.9





#51

2,6-Dinitrotoluene

Concen: 48.867 ng

RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

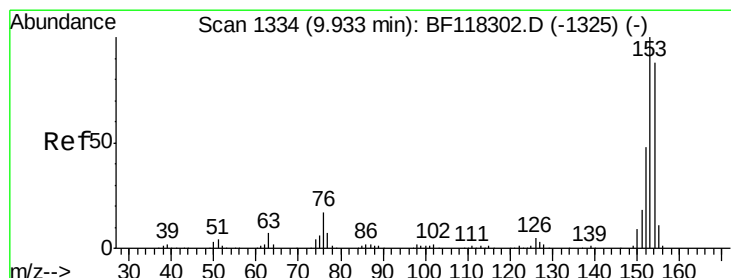
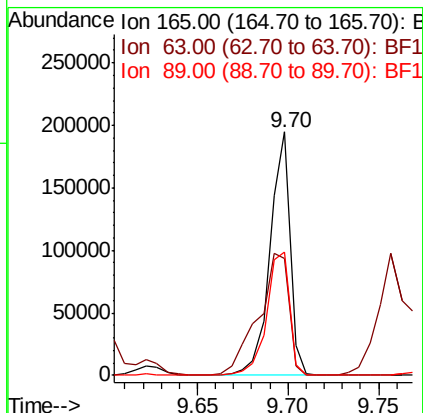
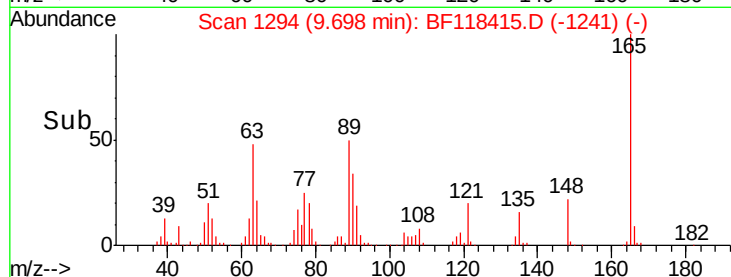
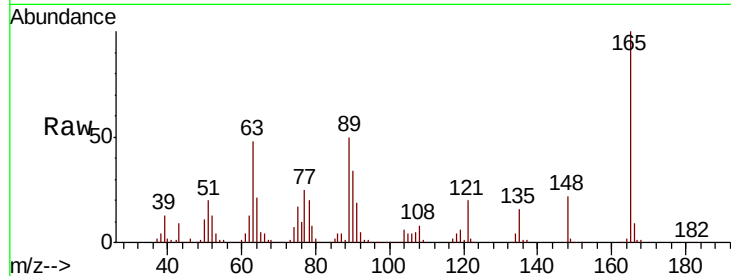
ClientSampleId :

EO-O1-122719MSD

Tot Ion:	165	Resp:	150186
Ion Ratio	Lower	Upper	
165	100		
63	47.9	42.2	63.4
89	50.4	44.4	66.6

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#52

Acenaphthene

Concen: 45.078 ng

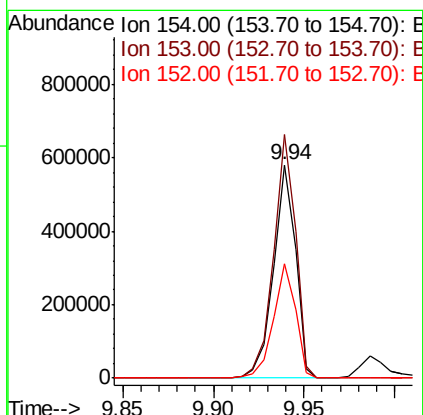
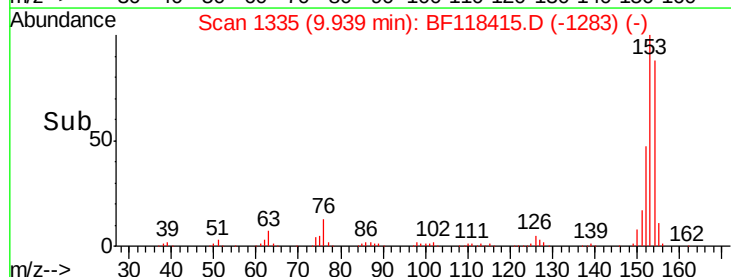
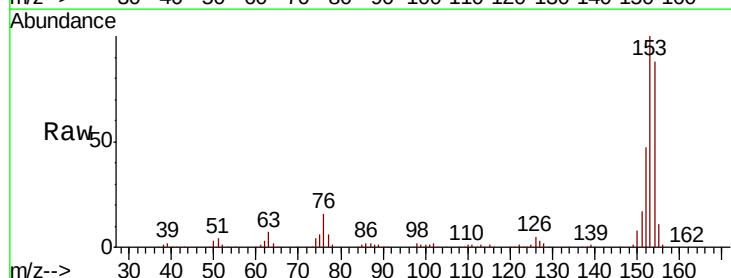
RT: 9.94 min Scan# 1335

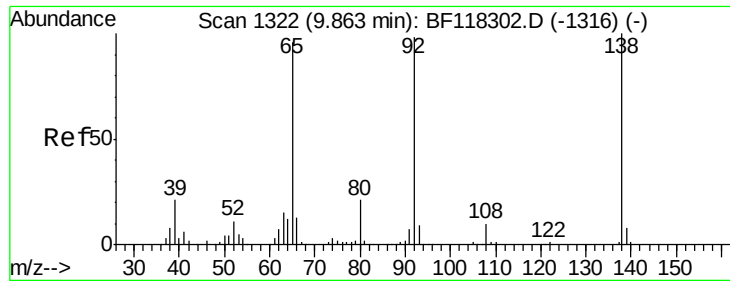
Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Tgt Ion:	154	Resp:	492304
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.6	136.0
152	53.8	43.1	64.7





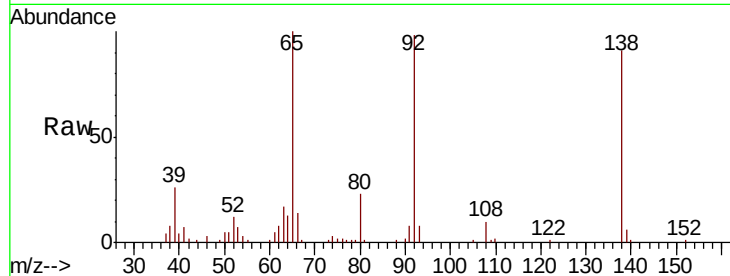
#53
3-Nitroaniline
Concen: 13.134 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

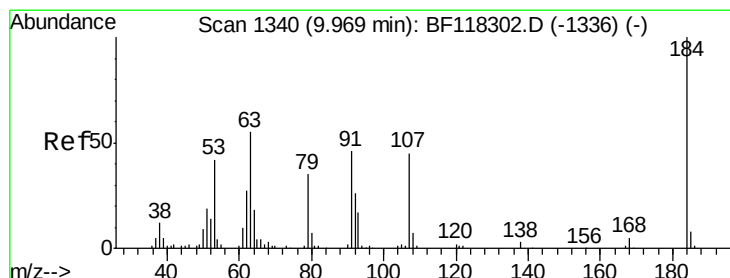
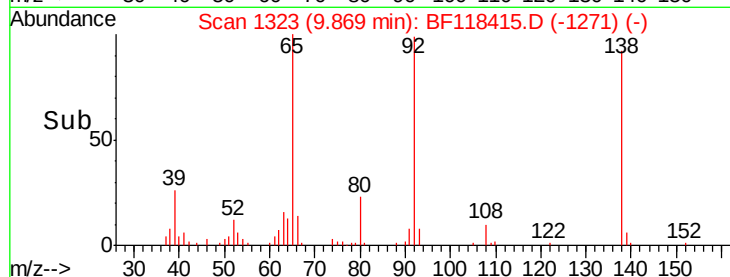
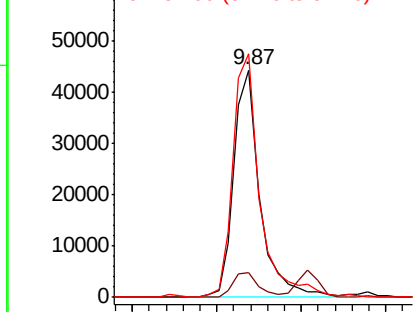
Tot Ion:138 Resp: 47377
Ion Ratio Lower Upper
138 100
108 10.8 7.8 11.8
92 107.2 78.2 117.2

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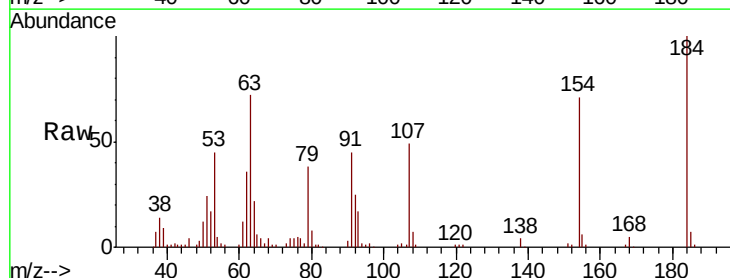


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

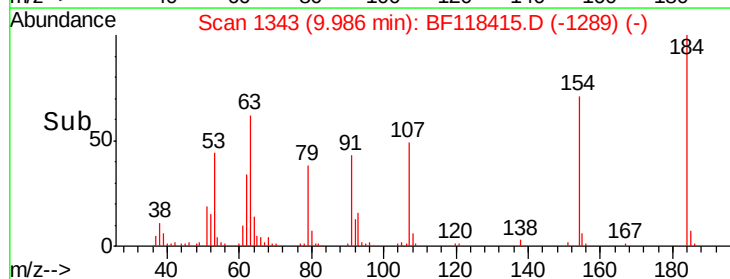
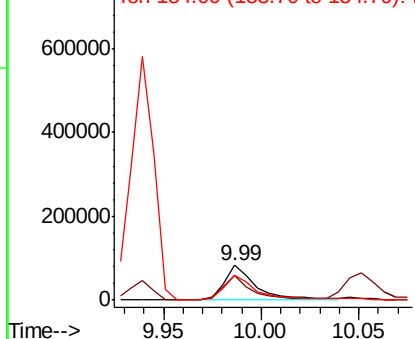


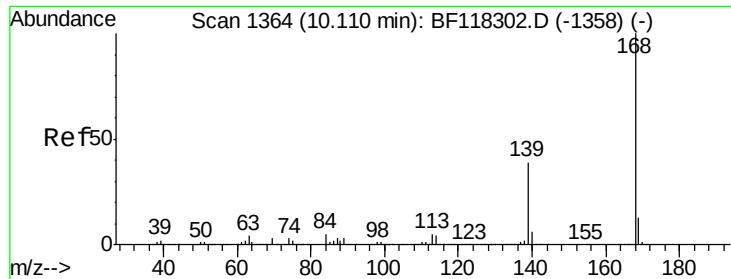
#54
2,4-Dinitrophenol
Concen: 61.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:184 Resp: 92486
Ion Ratio Lower Upper
184 100
63 71.7 48.8 73.2
154 71.3 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





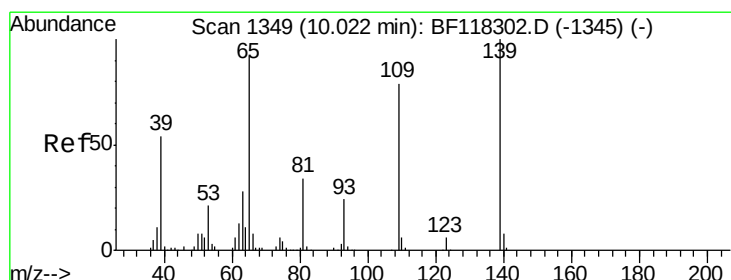
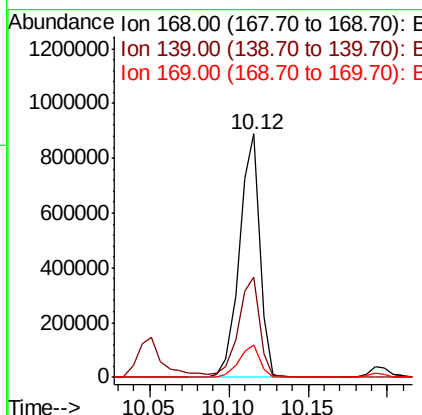
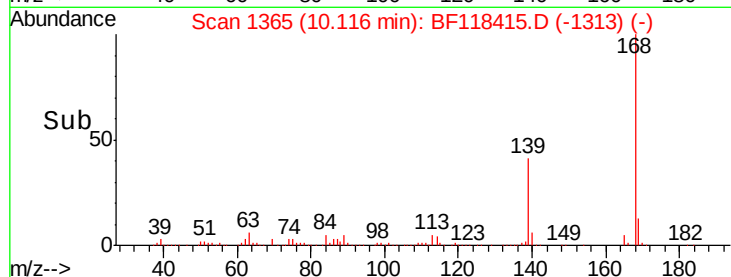
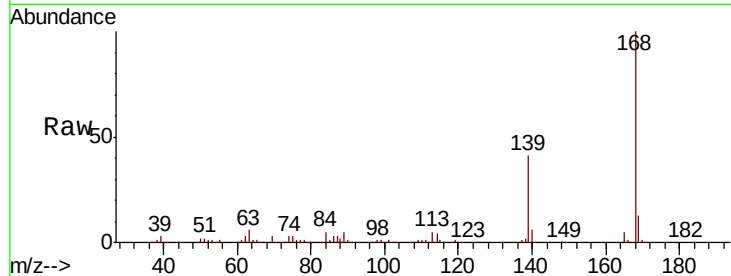
#55
Dibenzofuran
Concen: 48.812 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	787677		
139	41.2		31.5	47.3
169	13.1		10.4	15.6

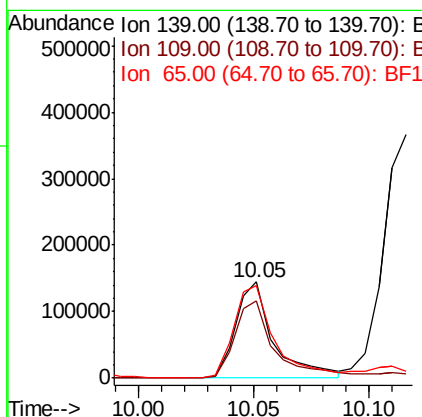
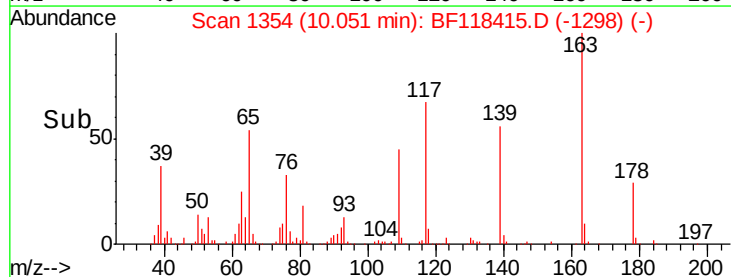
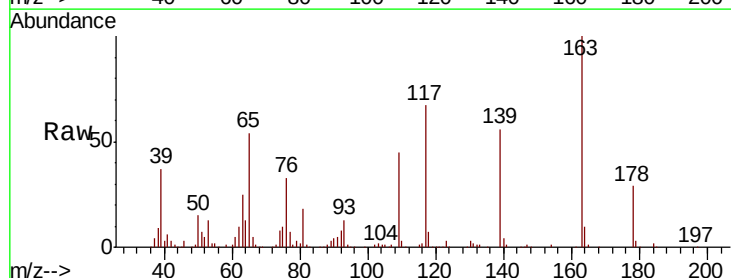
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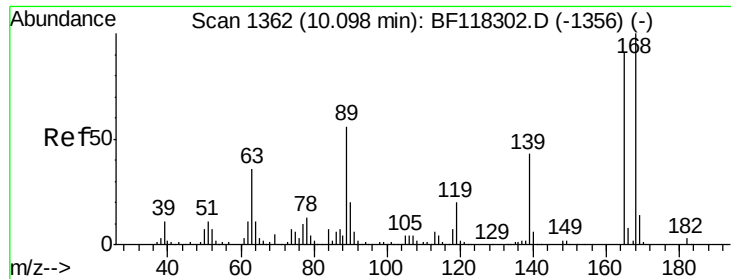
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#56
4-Nitrophenol
Concen: 74.553 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.03 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	166021		
109	80.9		59.3	99.3
65	96.3		72.4	112.4





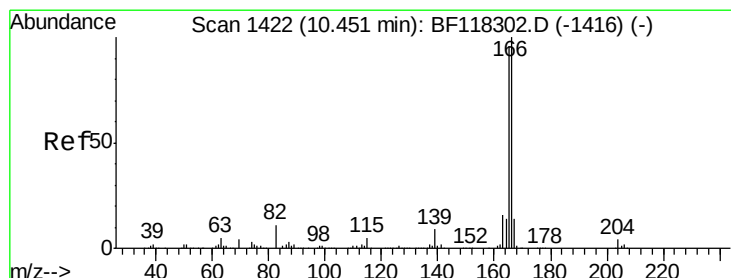
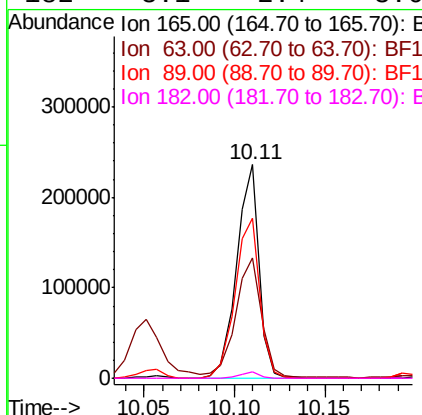
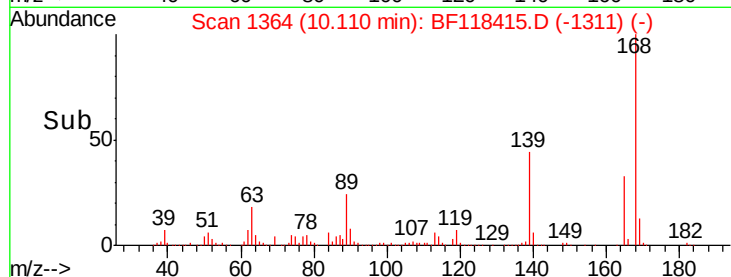
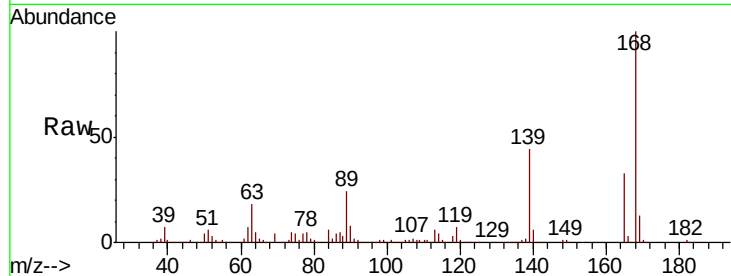
#57
 2,4-Dinitrotoluene
 Concen: 49.227 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.4	32.0	48.0#	
89	74.7	49.3	73.9#	
182	3.1	2.4	3.6	

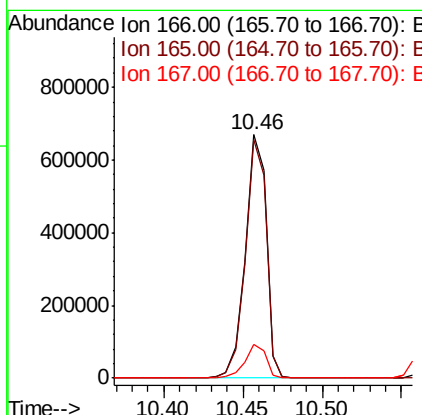
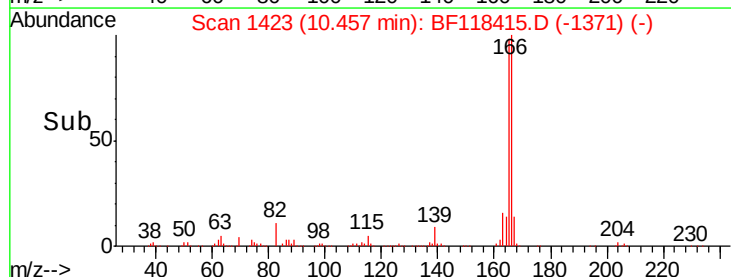
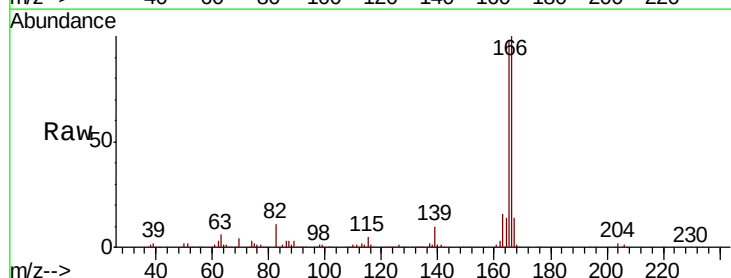
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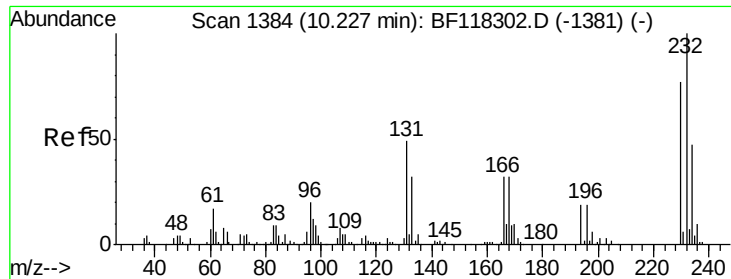
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#58
 Fluorene
 Concen: 47.034 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.2	77.0	115.4	
167	13.9	10.9	16.3	





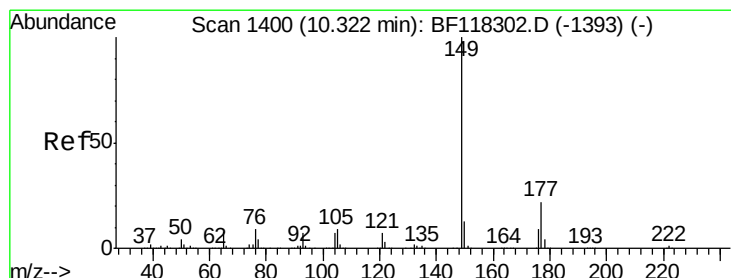
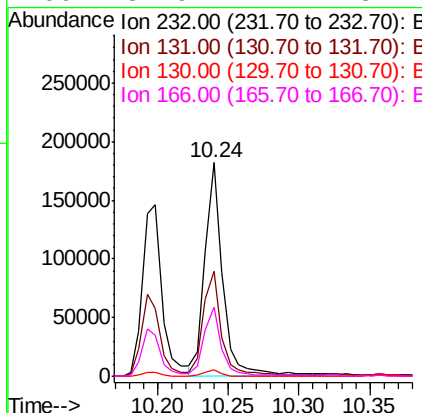
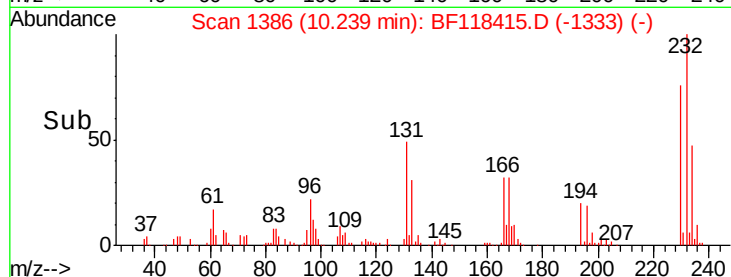
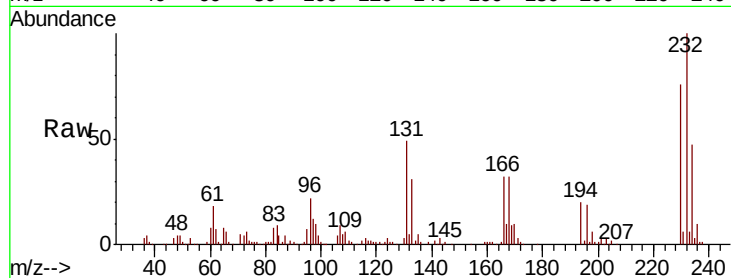
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.743 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	49.6	37.7	56.5
130	2.6	2.0	3.0
166	31.9	24.7	37.1

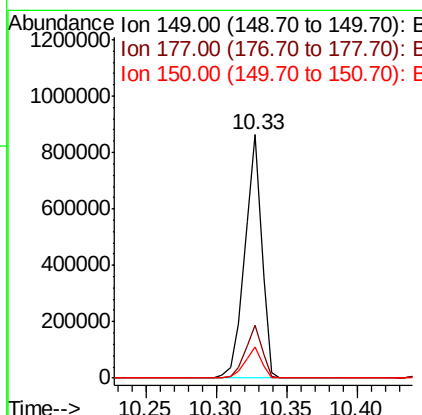
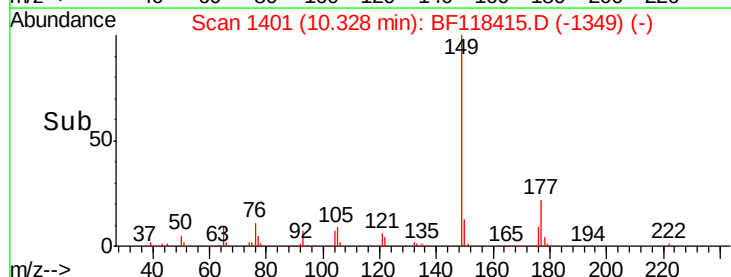
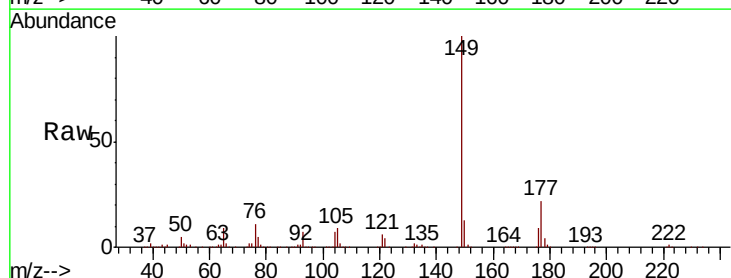
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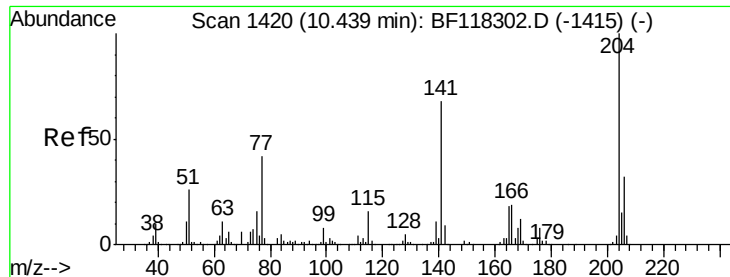
mohammad
1/2/2020 11:50:10 AM



#60
Diethylphthalate
Concen: 51.134 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.9	26.9
150	12.7	10.2	15.2





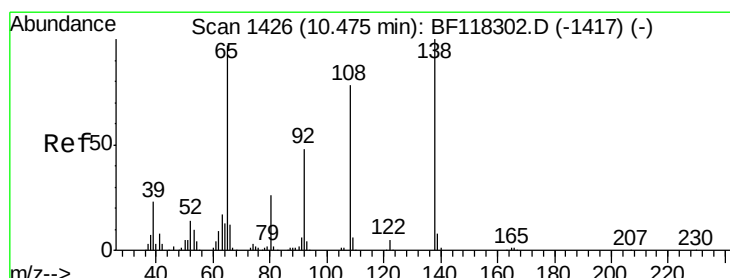
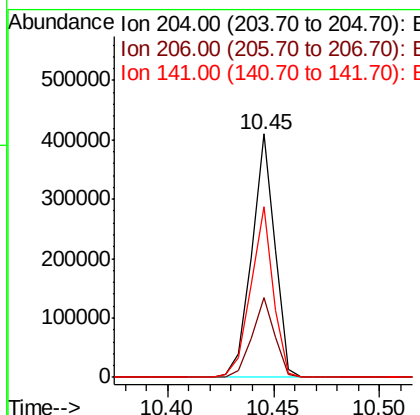
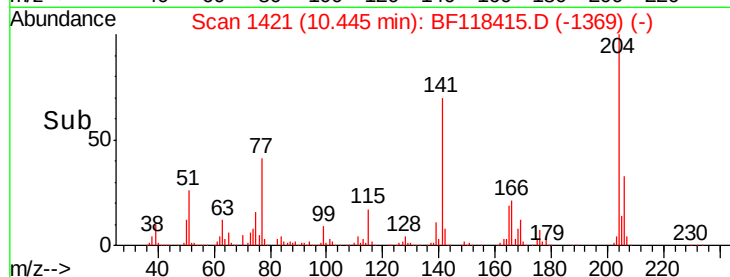
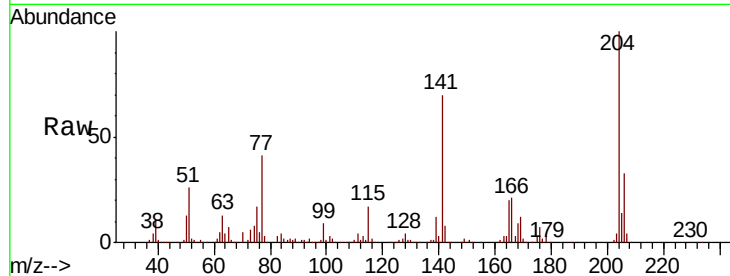
#61
4-Chlorophenyl-phenylether
Concen: 47.970 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	25.8	38.8
141	70.0	54.2	81.4

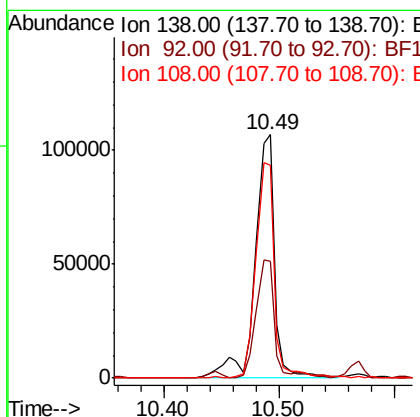
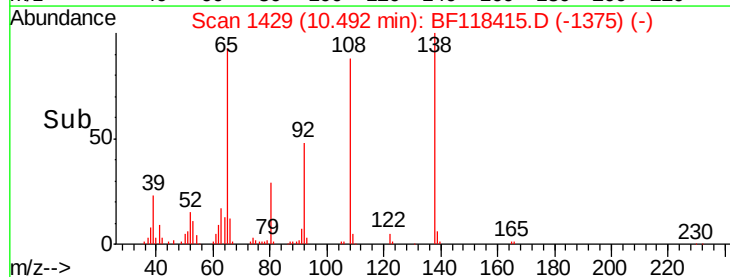
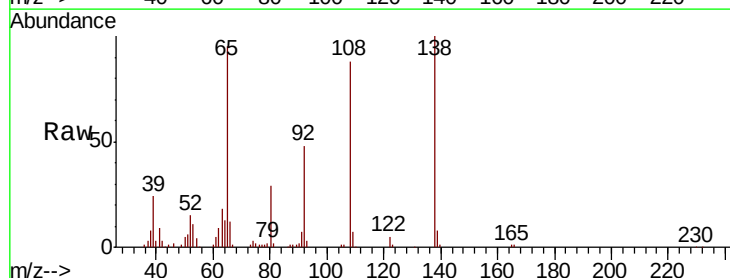
Manual Integrations
APPROVED

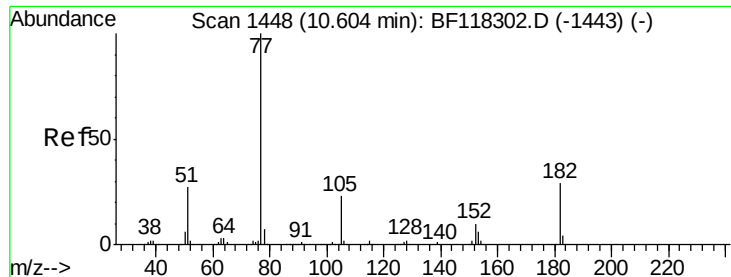
mohammad
1/2/2020 11:50:10 AM



#62
4-Nitroaniline
Concen: 34.019 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.9	27.9	67.9
108	87.7	58.1	98.1





#63

Azobenzene

Concen: 49.265 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

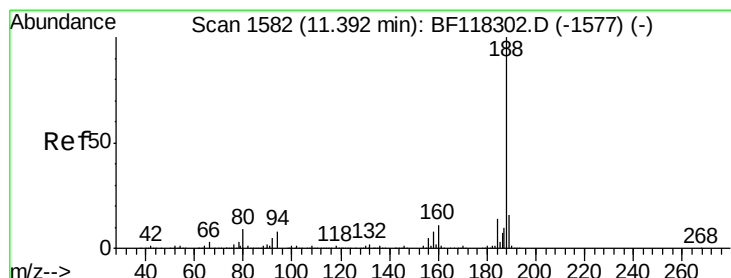
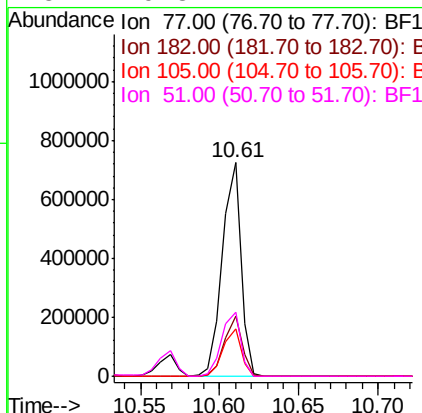
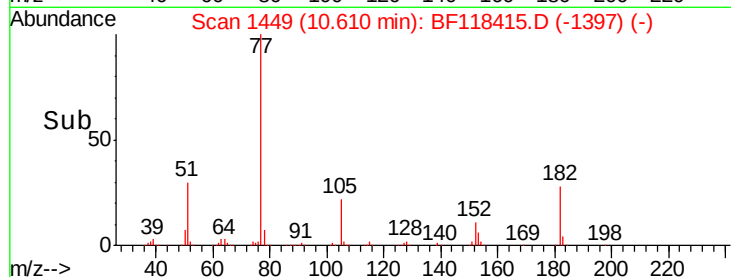
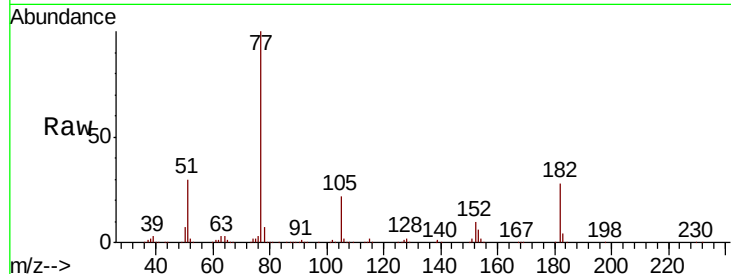
ClientSampleId :

EO-O1-122719MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		595123		
182	28.4	9.2	49.2		
105	21.9	3.2	43.2		
51	29.8	7.1	47.1		

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#64

Phenanthrene-d10

Concen: 20.000 ng

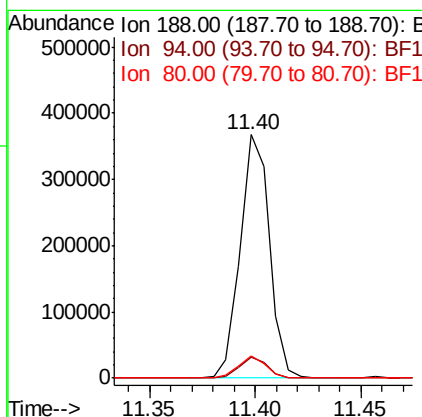
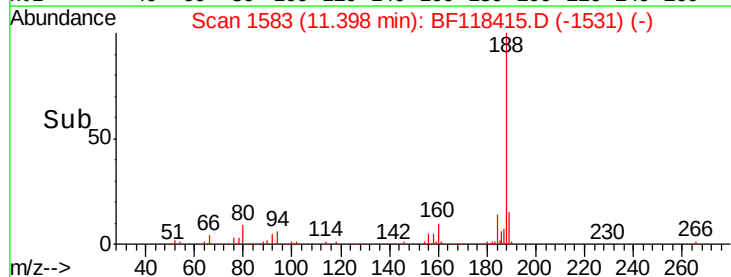
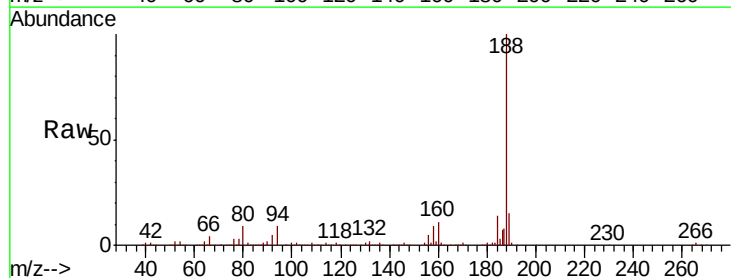
RT: 11.40 min Scan# 1583

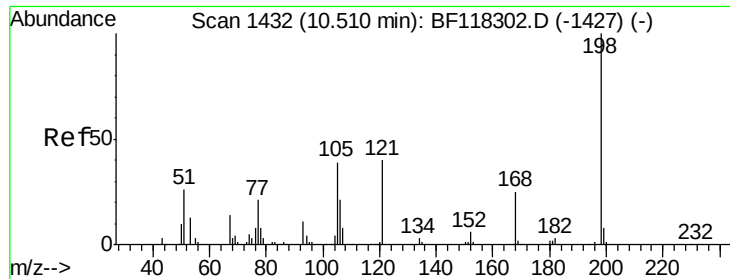
Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		350958		
94	8.6	6.7	10.1		
80	9.4	7.2	10.8		





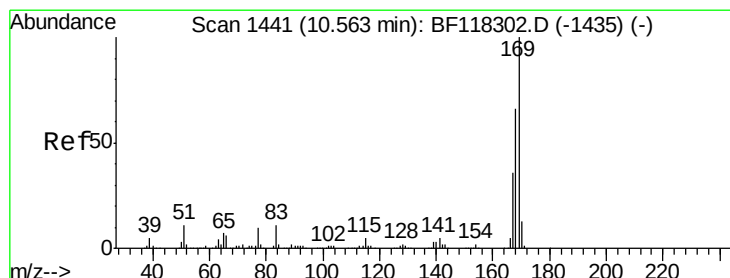
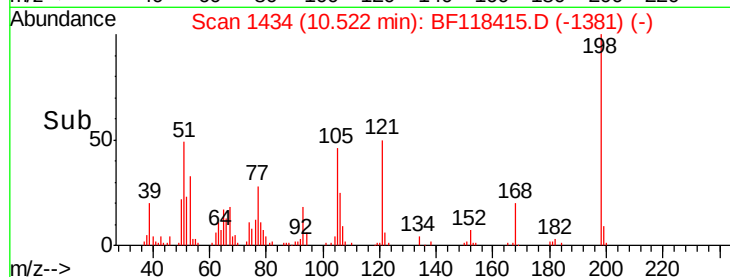
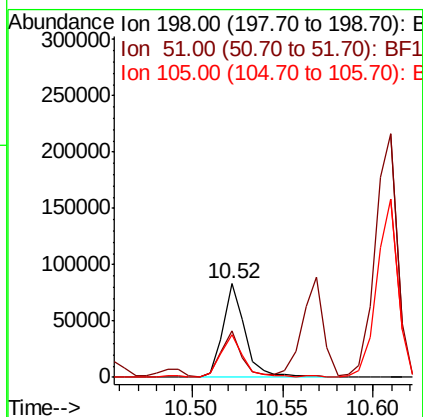
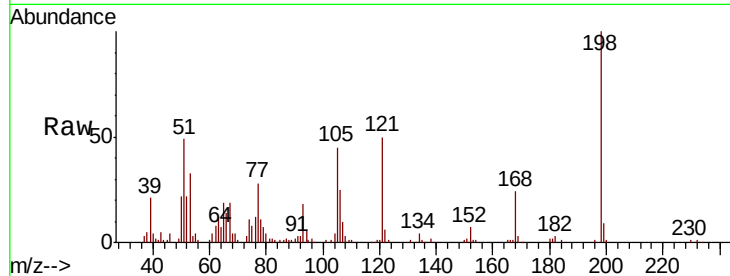
#65
4,6-Dinitro-2-methylphenol
Concen: 37.536 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	49.2	12.8	52.8
105	45.4	20.3	60.3

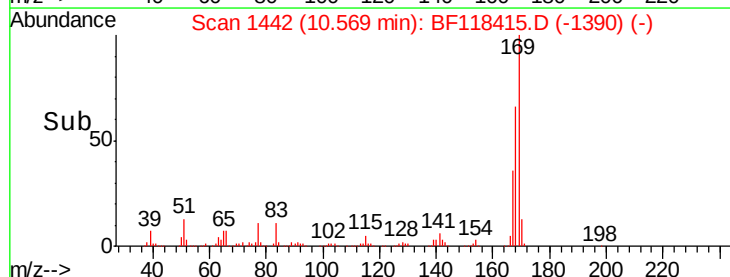
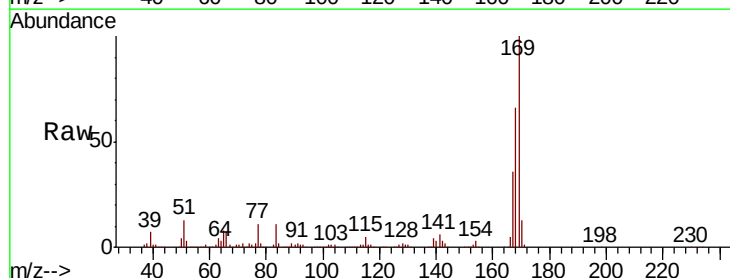
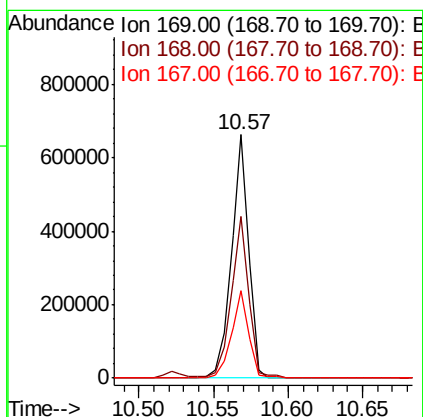
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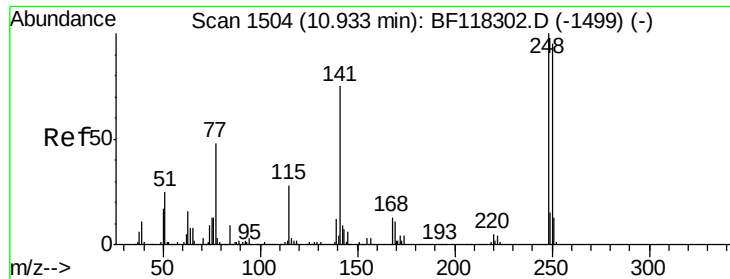
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#66
n-Nitrosodiphenylamine
Concen: 48.259 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.6	79.0
167	36.0	28.4	42.6





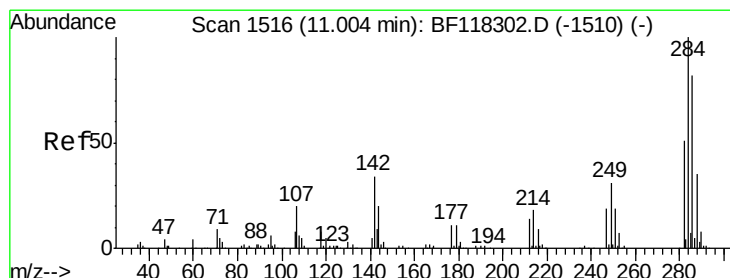
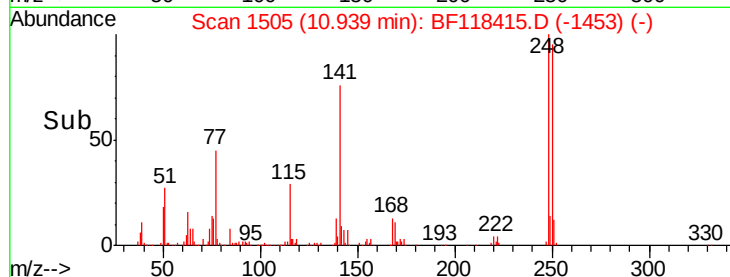
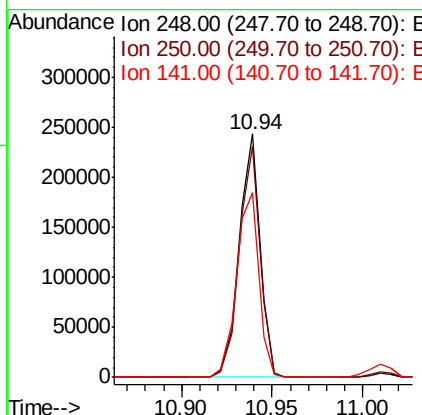
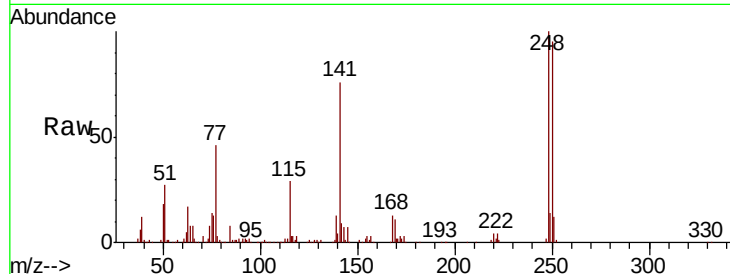
#67
4-Bromophenyl-phenylether
Concen: 47.536 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion:	248	Resp:	195240
Ion Ratio	Lower	Upper	
248	100		
250	94.8	76.4	114.6
141	75.7	60.2	90.2

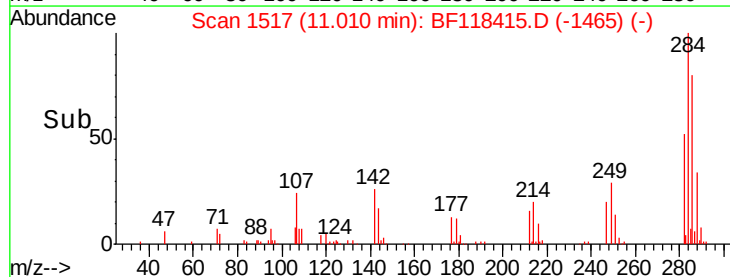
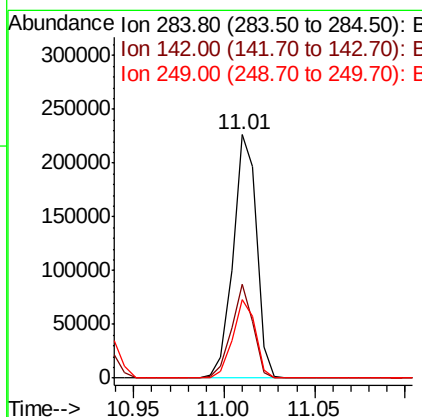
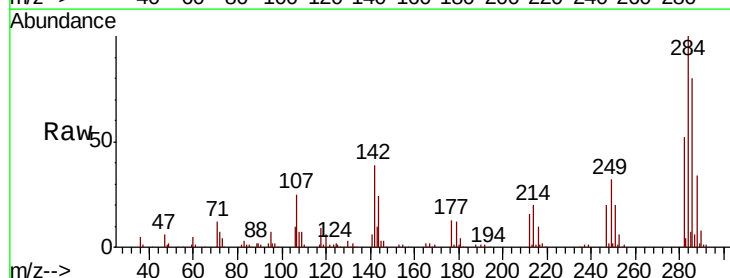
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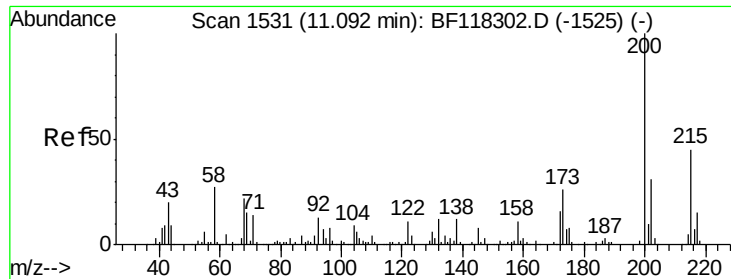
mohammad
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#68
Hexachlorobenzene
Concen: 42.270 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion:	284	Resp:	204355
Ion Ratio	Lower	Upper	
284	100		
142	38.6	27.3	40.9
249	32.4	25.0	37.6





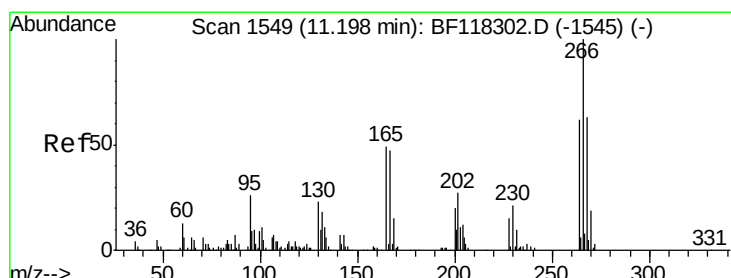
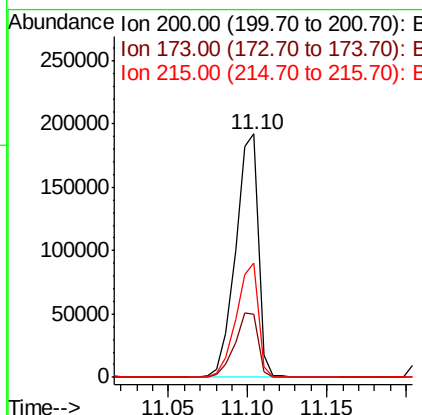
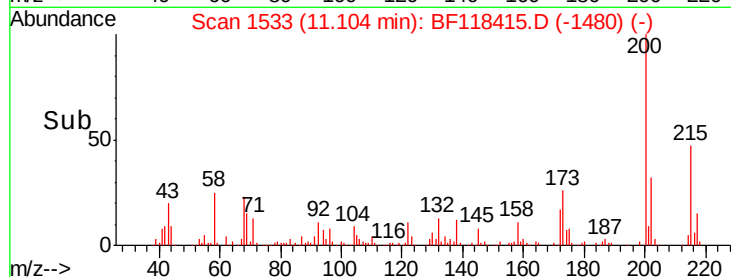
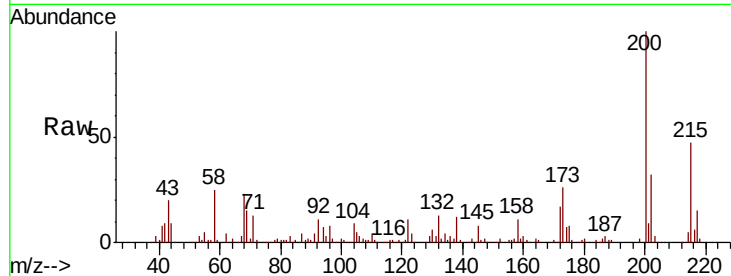
#69
Atrazine
Concen: 54.749 ng
RT: 11.10 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100			
173	26.1	5.8	45.8	
215	47.1	25.1	65.1	

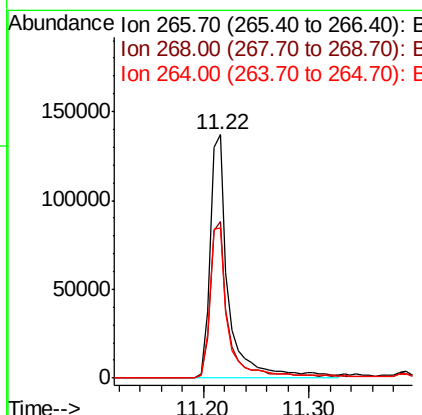
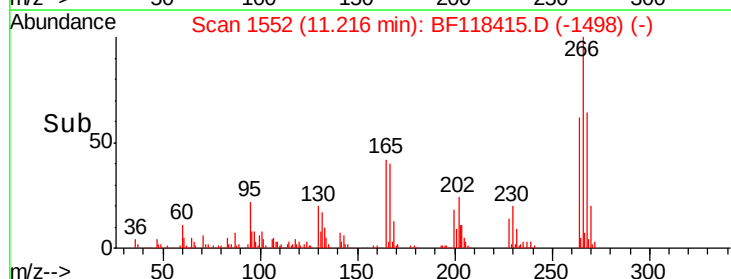
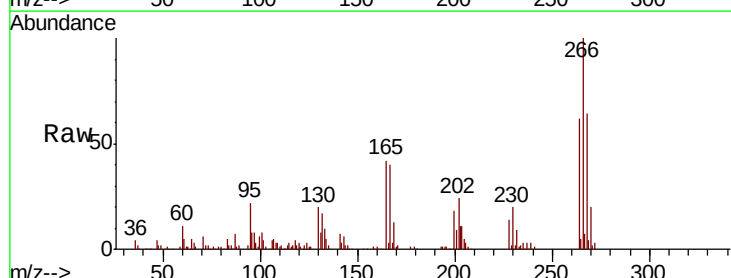
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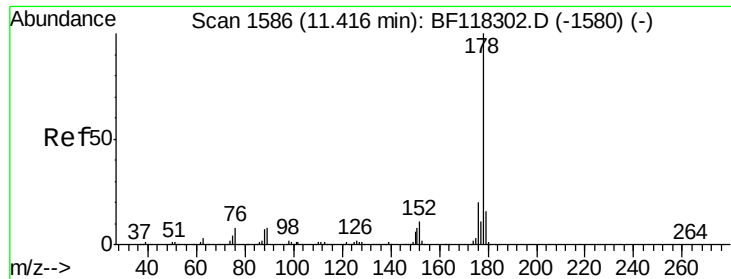
mohammad
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#70
Pentachlorophenol
Concen: 80.198 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	64.4	50.6	76.0	
264	61.9	49.9	74.9	





#71

Phenanthrene

Concen: 45.167 ng

RT: 11.43 min Scan# 1588

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

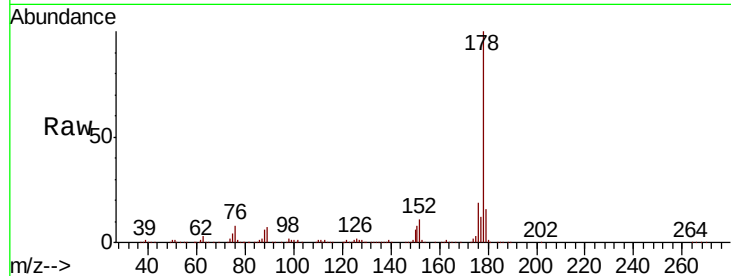
ClientSampleId :

EO-O1-122719MSD

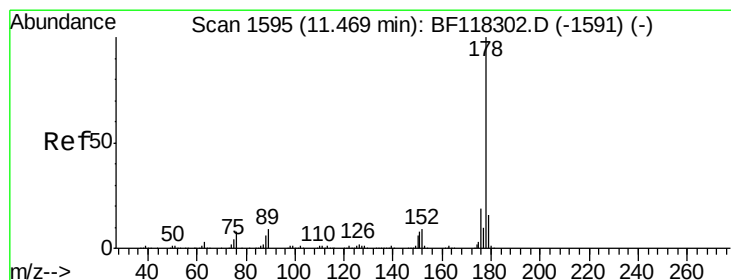
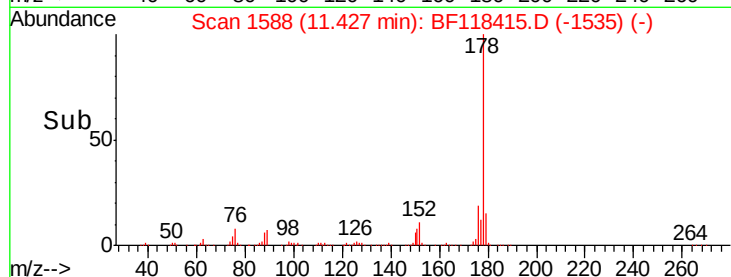
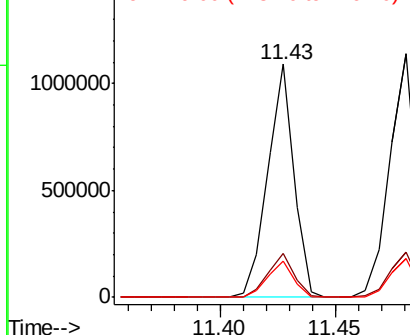
Tot Ion:178	Resp:	864151
Ion Ratio	Lower	Upper
178	100	
176	19.1	15.6 23.4
179	15.6	12.6 19.0

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.930 ng

RT: 11.48 min Scan# 1597

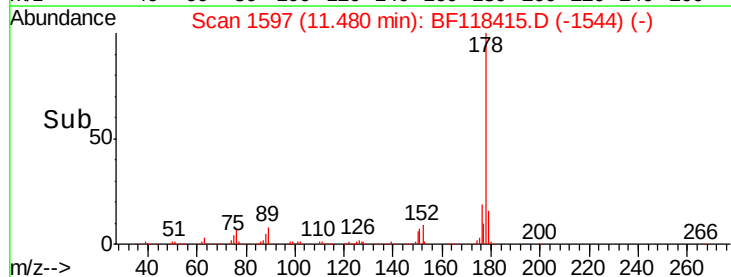
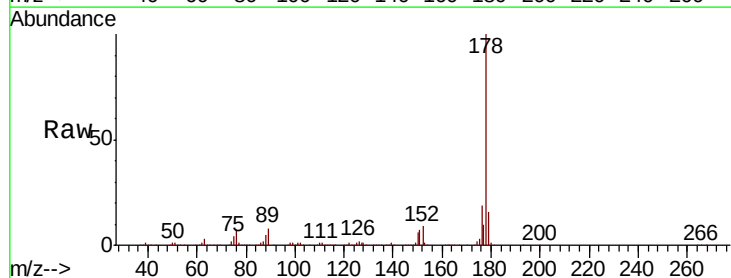
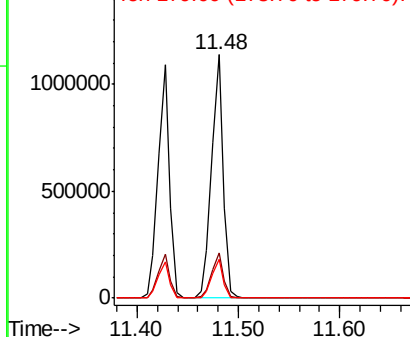
Delta R.T. 0.01 min

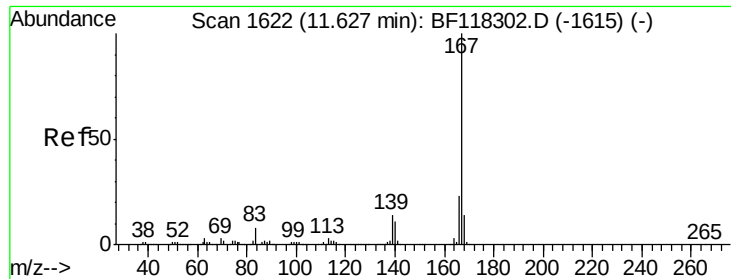
Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Tgt Ion:178	Resp:	917876
Ion Ratio	Lower	Upper
178	100	
176	18.6	15.2 22.8
179	15.8	12.9 19.3

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





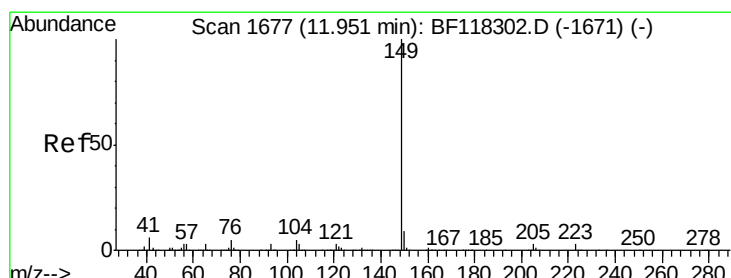
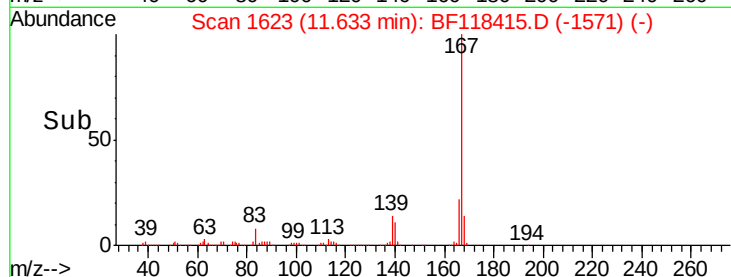
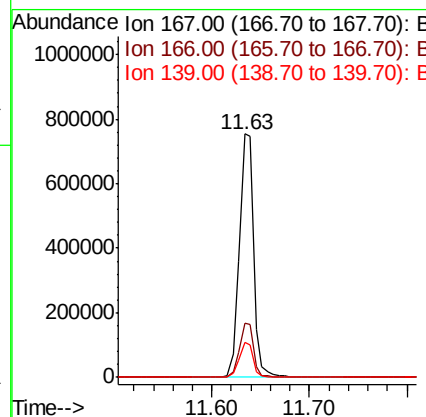
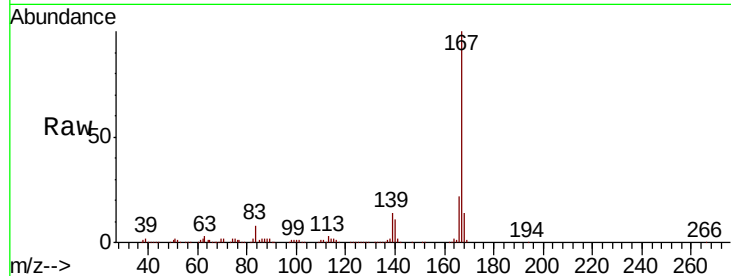
#73
 Carbazole
 Concen: 45.167 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.1	27.1
139	14.2	11.5	17.3

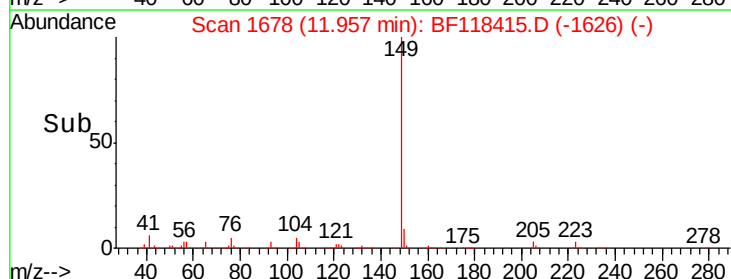
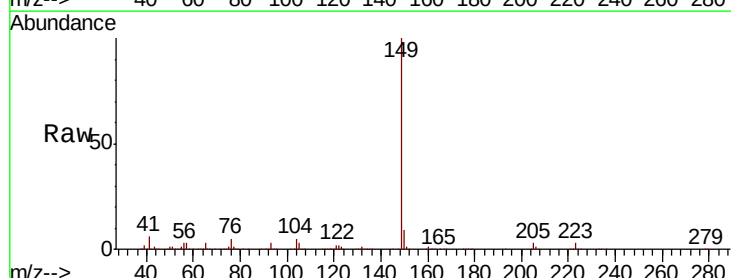
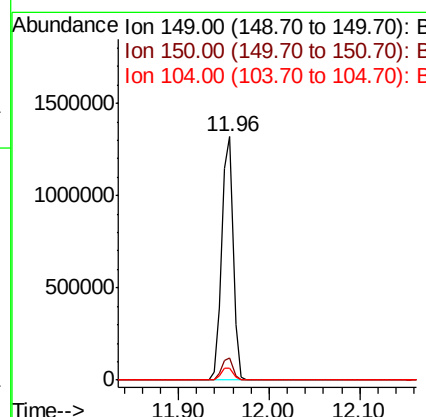
Manual Integrations
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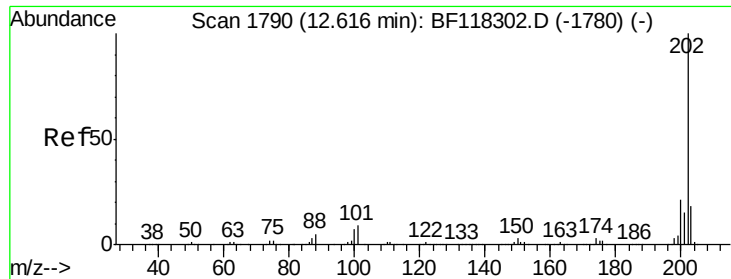
mohammad
 1/2/2020 11:50:10 AM



#74
 Di-n-butylphthalate
 Concen: 53.096 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.0	4.0	6.0





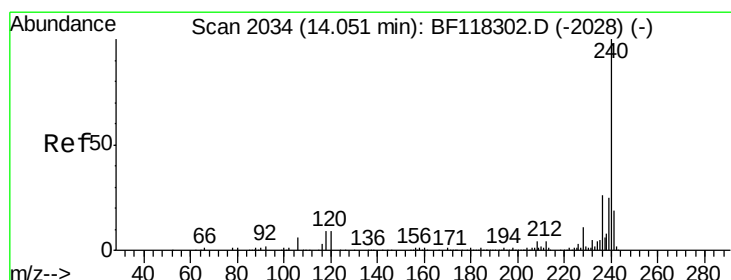
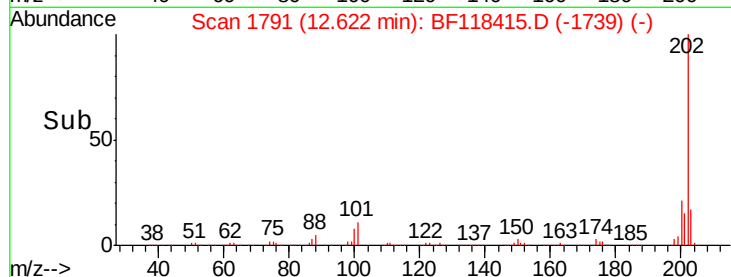
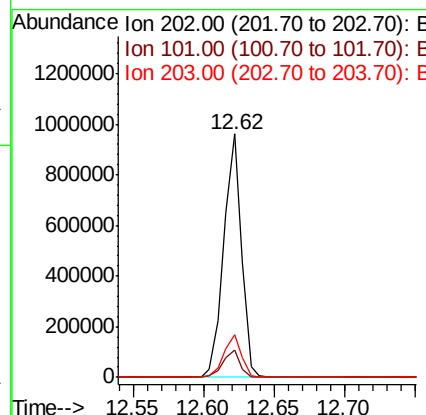
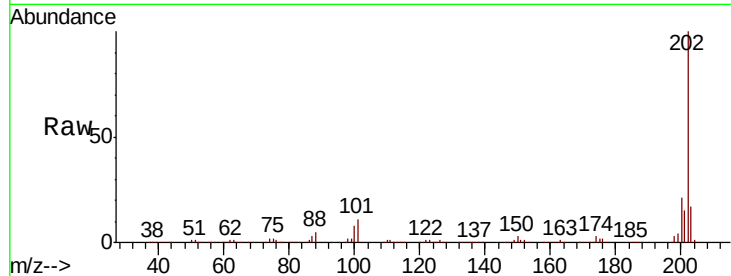
#75
Fluoranthene
Concen: 43.578 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	841433		
101	11.0	0.0	29.5	
203	17.4	0.0	37.6	

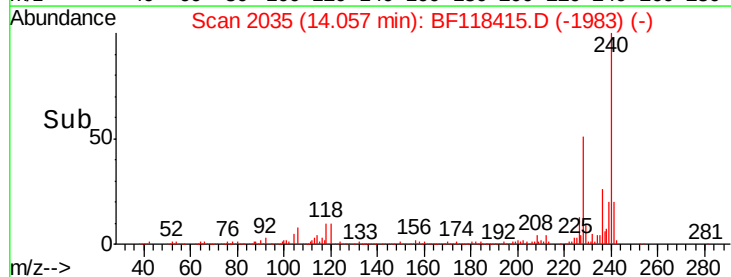
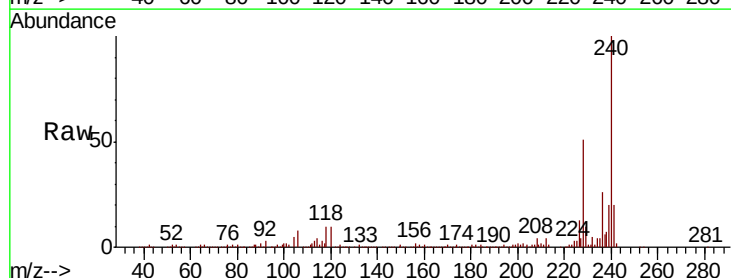
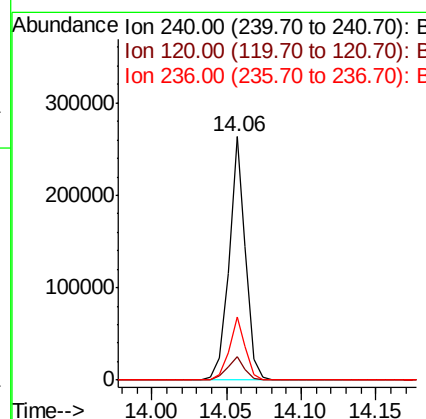
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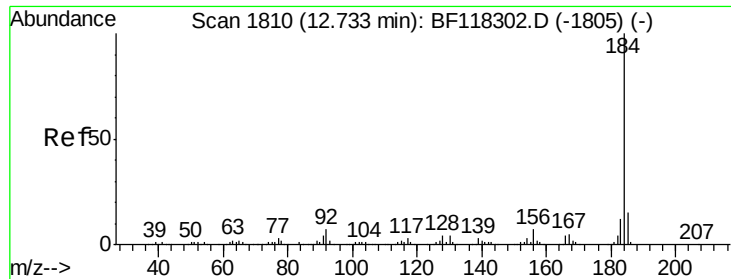
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	205044		
120	9.6	7.1	10.7	
236	25.9	21.0	31.6	





#77

Benzidine

Concen: 24.987 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

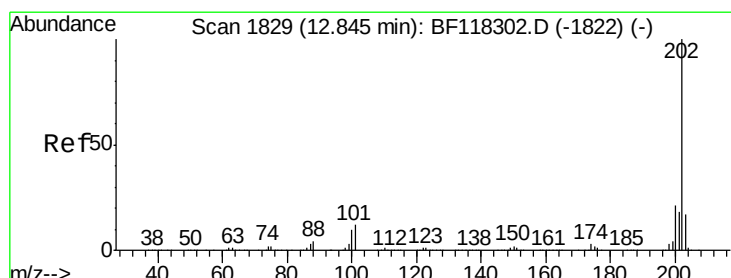
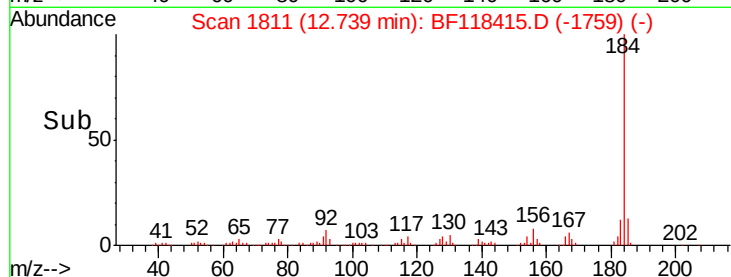
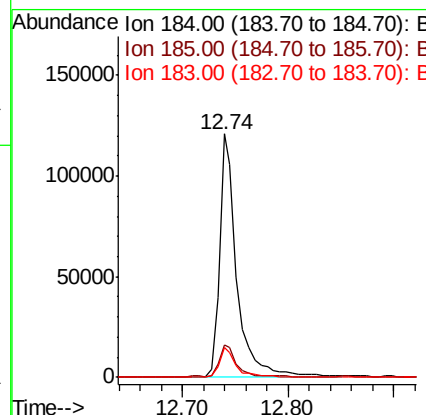
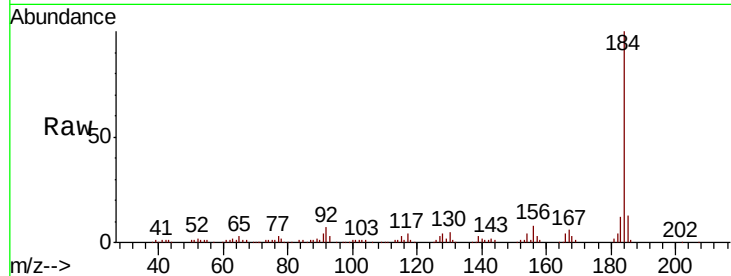
ClientSampleId :

EO-O1-122719MSD

Tot Ion:	184	Resp:	140388
Ion Ratio	Lower	Upper	
184	100		
185	13.5	12.3	18.5
183	12.4	9.4	14.2

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#78

Pyrene

Concen: 48.740 ng

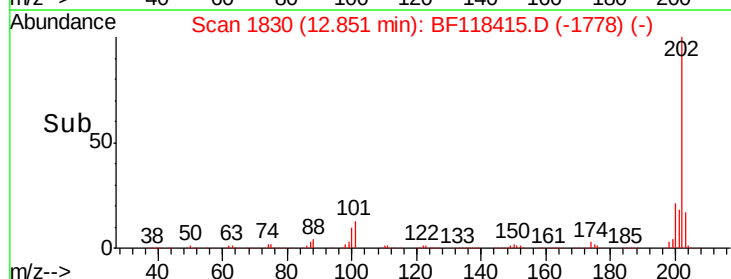
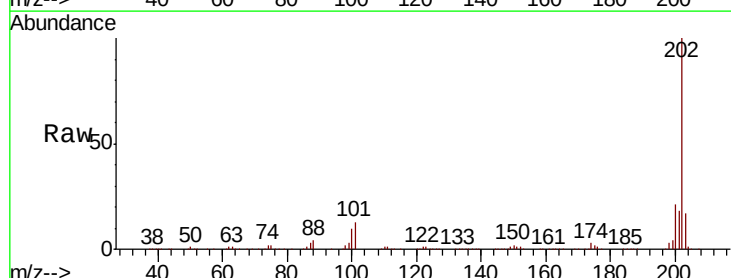
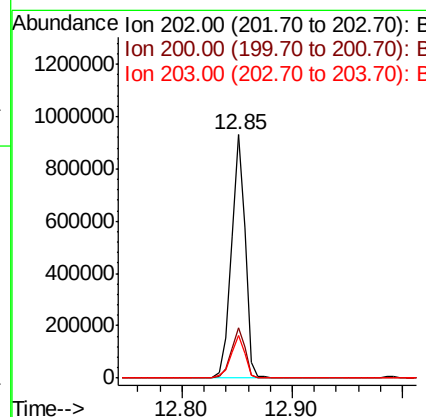
RT: 12.85 min Scan# 1830

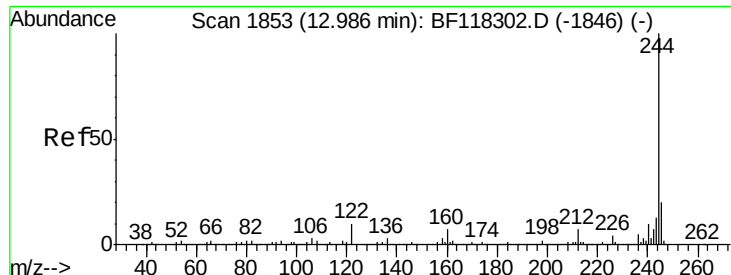
Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Tgt Ion:	202	Resp:	816102
Ion Ratio	Lower	Upper	
202	100		
200	20.9	16.8	25.2
203	17.3	13.9	20.9





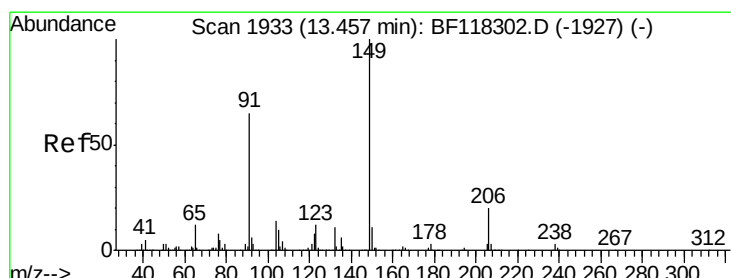
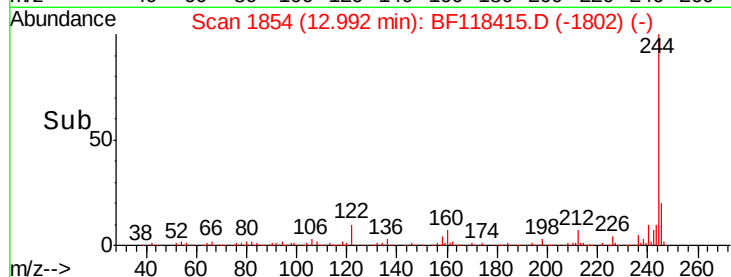
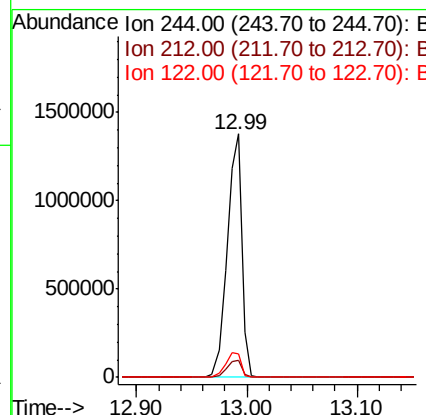
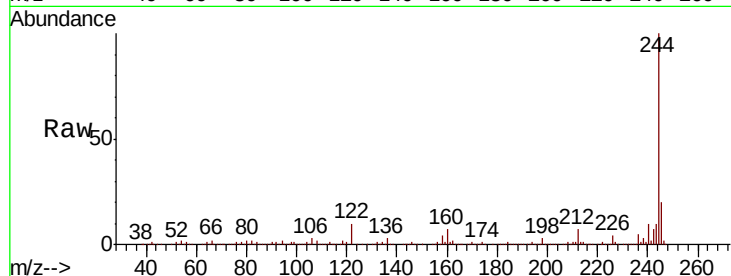
#79
 Terphenyl-d14
 Concen: 103.680 ng
 RT: 12.99 min Scan# 1854
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.2
122	9.8	7.8	11.8

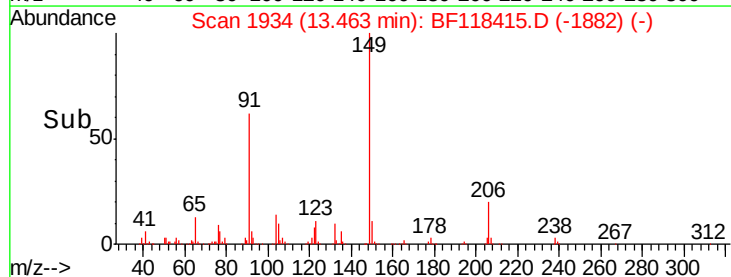
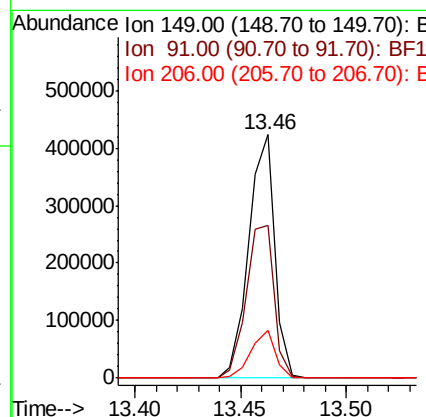
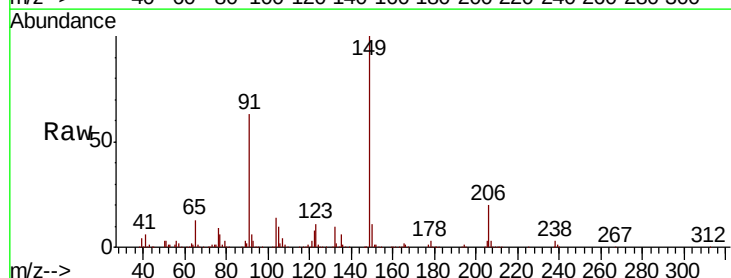
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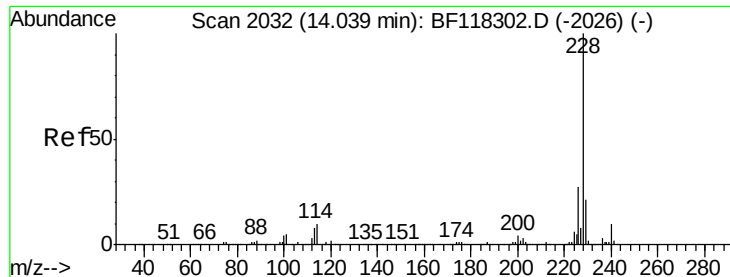
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#80
 Butylbenzylphthalate
 Concen: 47.822 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
91	62.5	51.8	77.6
206	19.6	15.7	23.5





#81

Benzo(a)anthracene

Concen: 43.601 ng

RT: 14.04 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Instrument :

BNA_F

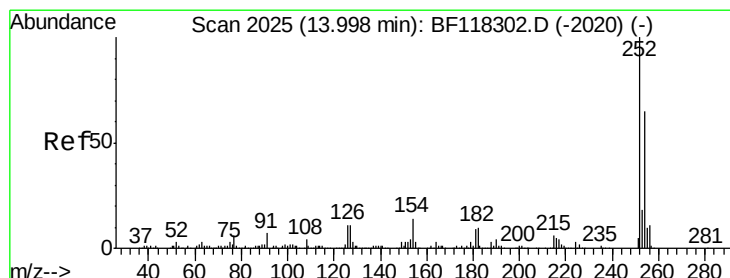
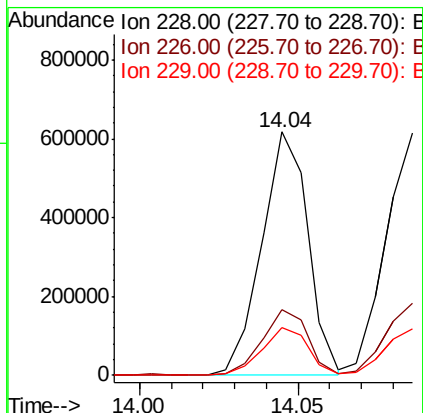
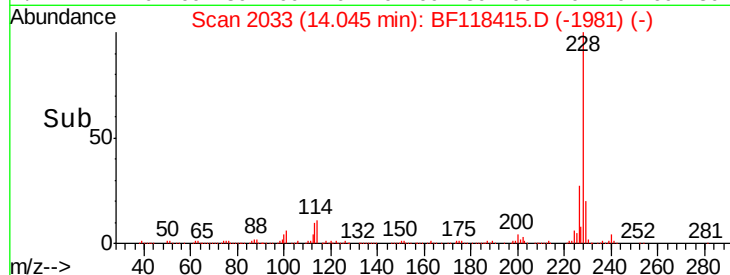
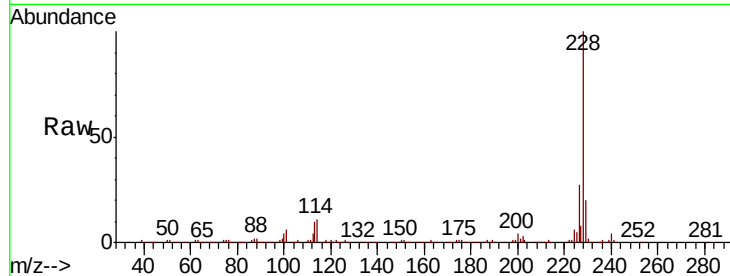
ClientSampleId :

EO-O1-122719MSD

Tot Ion:	228	Resp:	625786
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.0	33.0
229	19.8	16.6	24.8

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#82

3,3'-Dichlorobenzidine

Concen: 31.738 ng

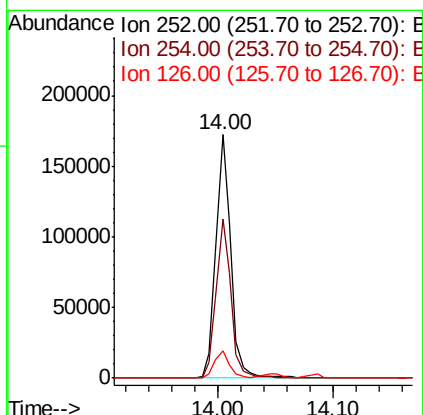
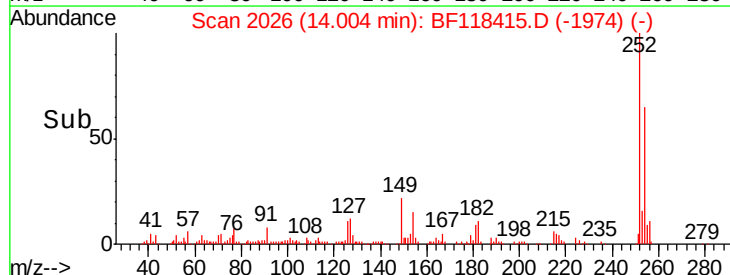
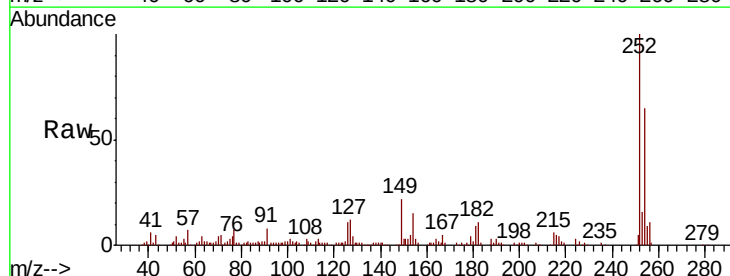
RT: 14.00 min Scan# 2026

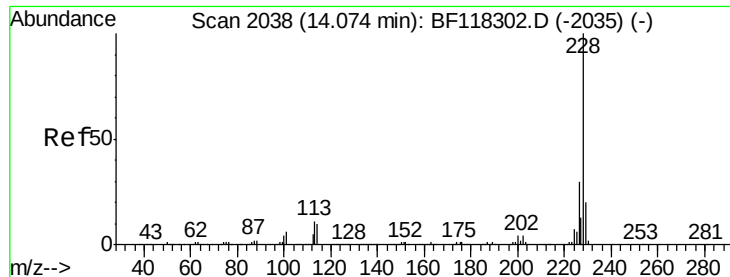
Delta R.T. 0.01 min

Lab File: BF118415.D

Acq: 31 Dec 2019 19:51

Tgt Ion:	252	Resp:	154446
Ion Ratio	Lower	Upper	
252	100		
254	65.3	51.8	77.8
126	11.4	8.7	13.1





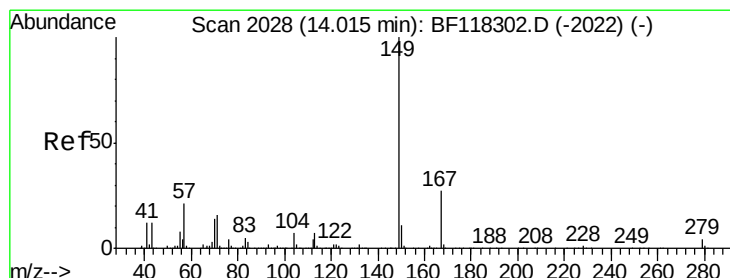
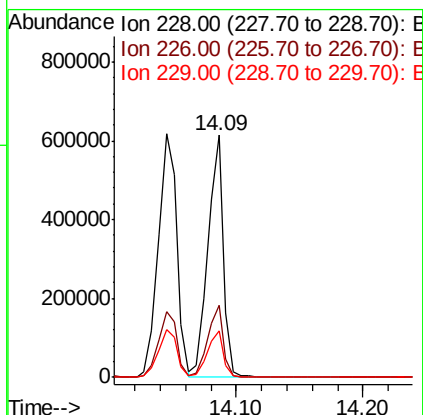
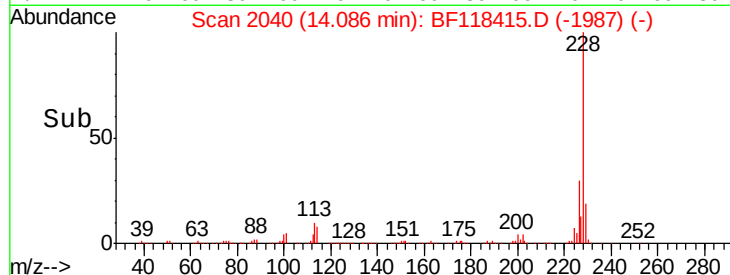
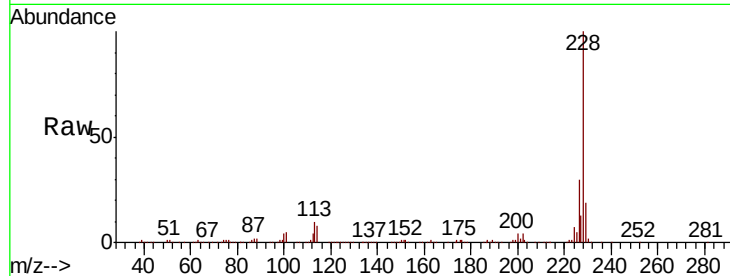
#83
 Chrysene
 Concen: 38.083 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. 0.01 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Instrument :
 BNA_F
 ClientSampleId :
 EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.9	35.9
229	19.5	16.1	24.1

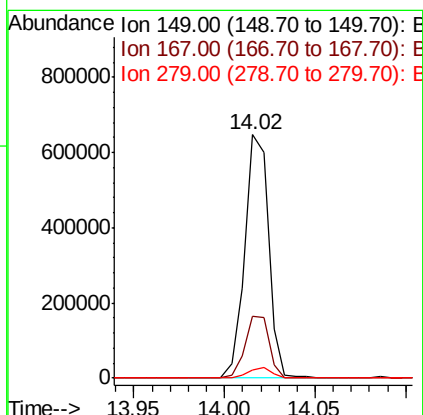
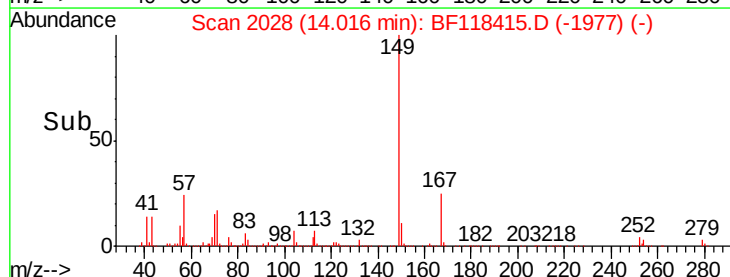
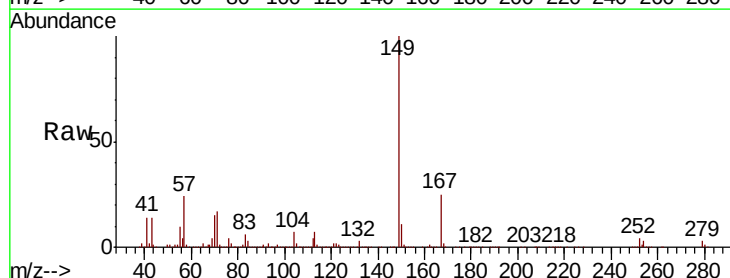
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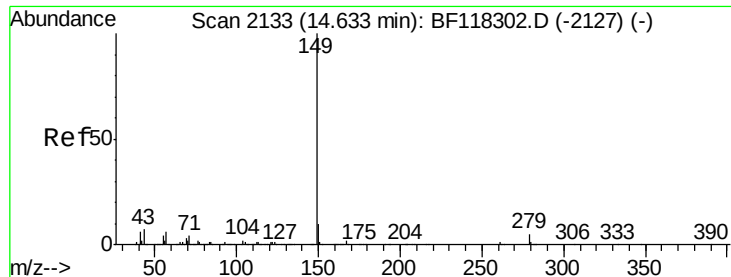
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 59.610 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BF118415.D
 Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.3	31.9
279	3.5	3.4	5.2





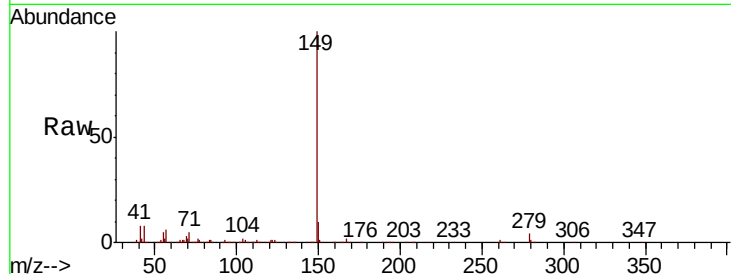
#85
Di-n-octyl phthalate
Concen: 58.663 ng
RT: 14.63 min Scan# 2133
Delta R.T. 0.00 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

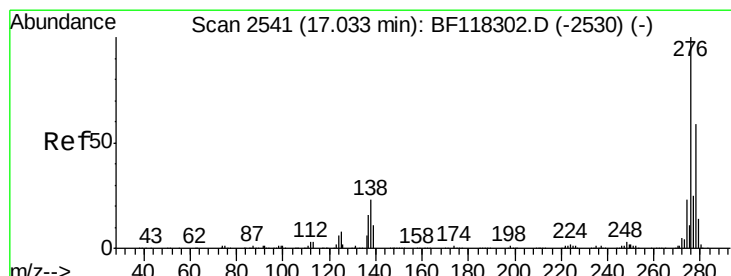
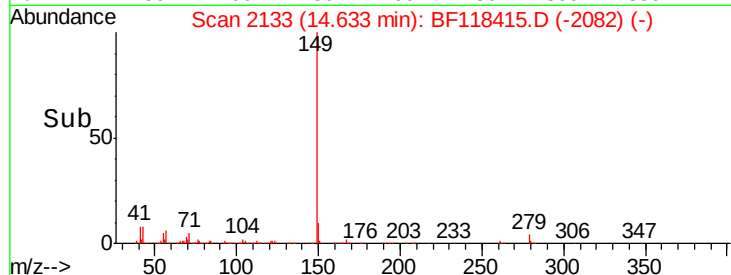
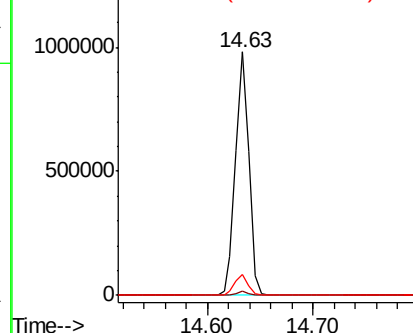
Tot Ion	Ratio	Resp	Lower	Upper
149	100	855454		
167	1.6		1.2	1.8
43	8.1		6.1	9.1

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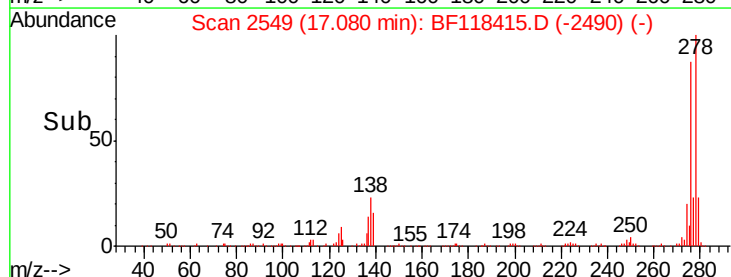
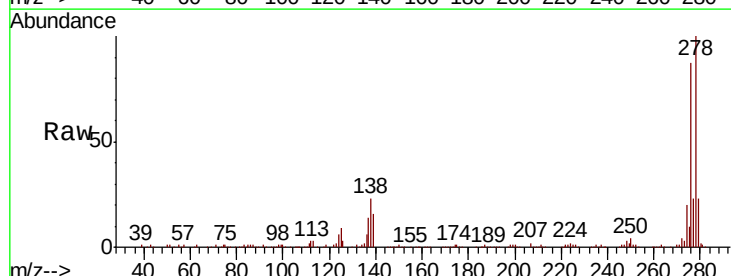
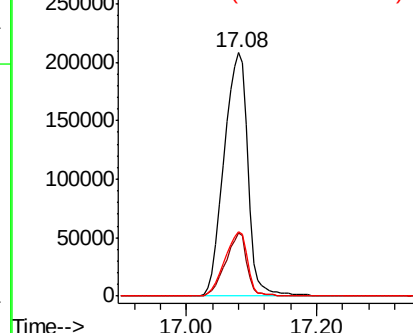
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

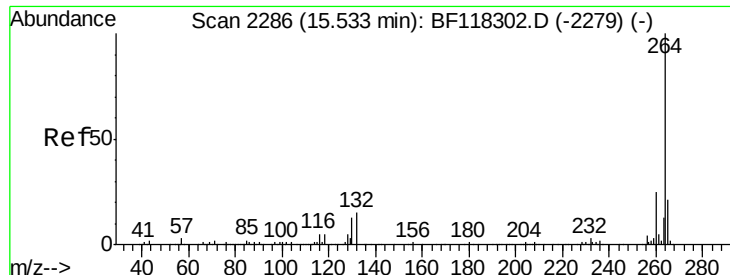


#86
Indeno(1,2,3-cd)pyrene
Concen: 45.278 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.05 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	530187		
138	23.3		19.5	29.3
277	25.4		20.6	30.8

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





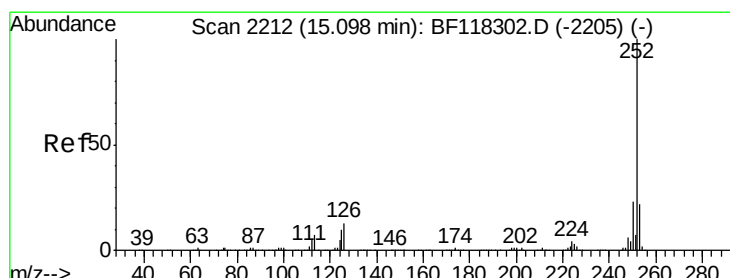
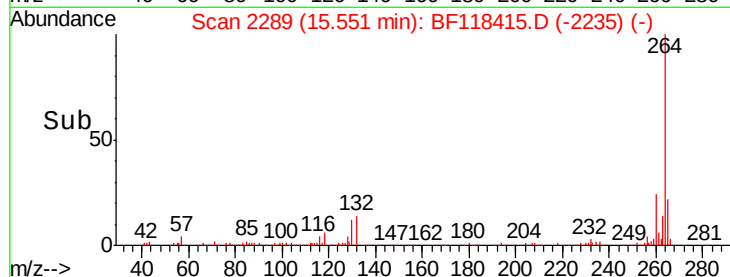
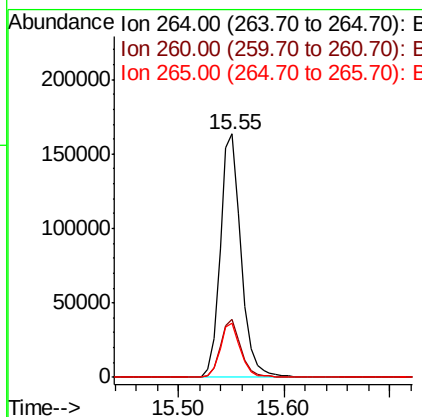
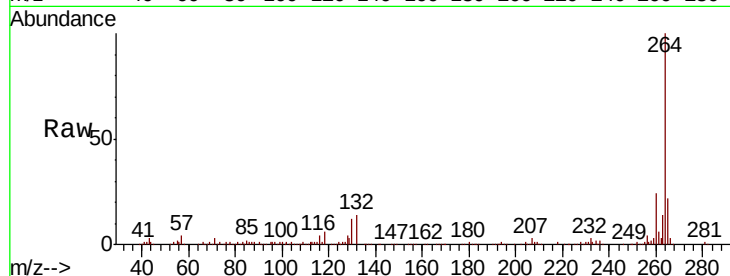
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.55 min Scan# 2289
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	22.4	17.0	25.4

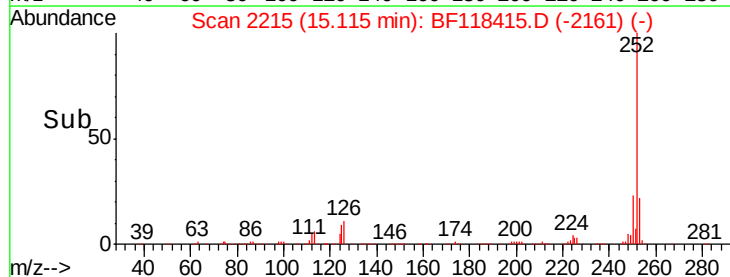
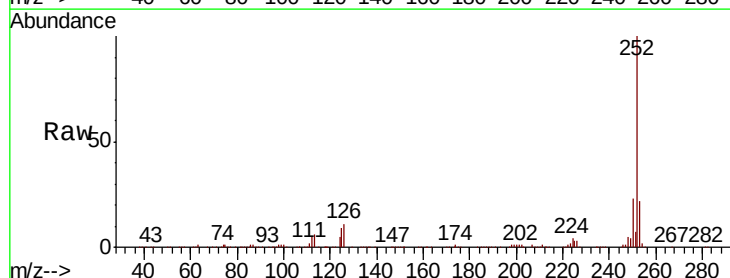
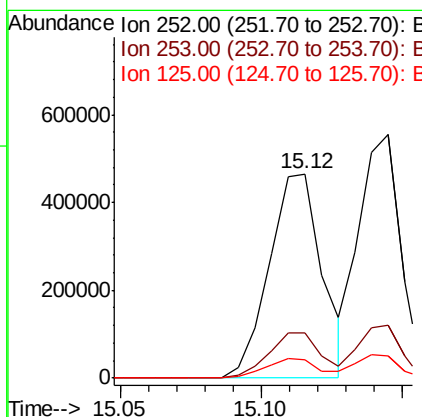
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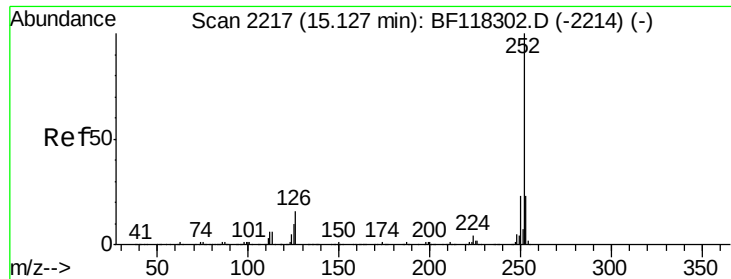
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#88
Benzo(b)fluoranthene
Concen: 40.884 ng
RT: 15.12 min Scan# 2215
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.0	7.7	11.5





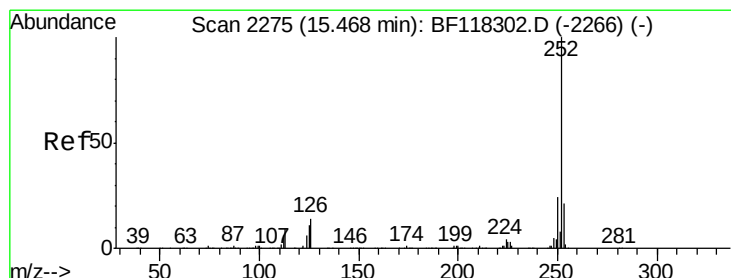
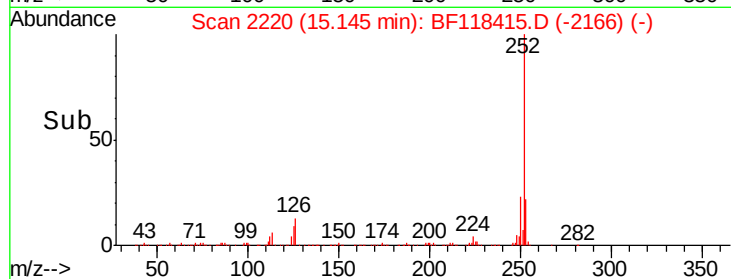
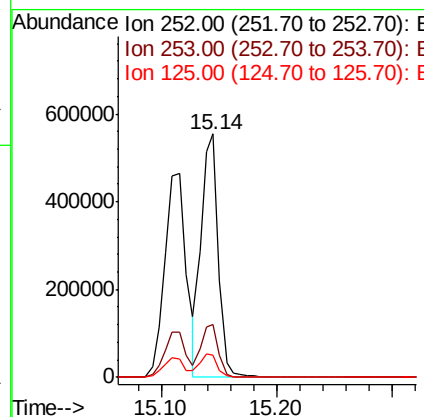
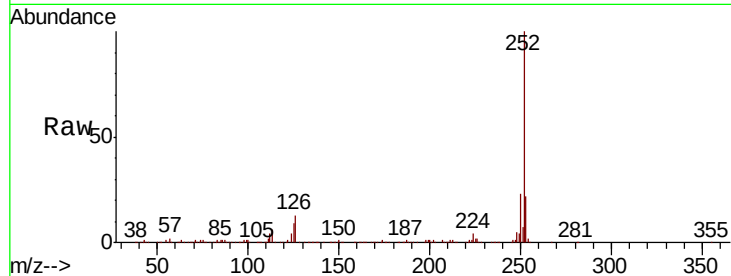
#89
Benzo(k)fluoranthene
Concen: 40.481 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	8.9	8.0	12.0

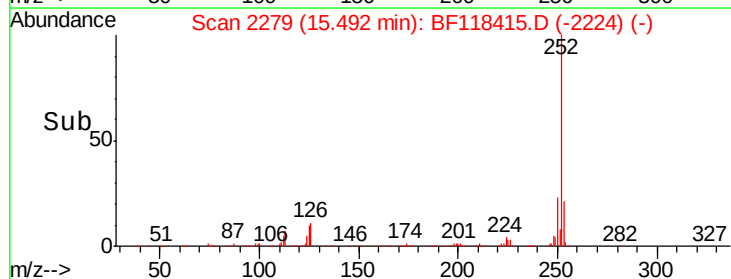
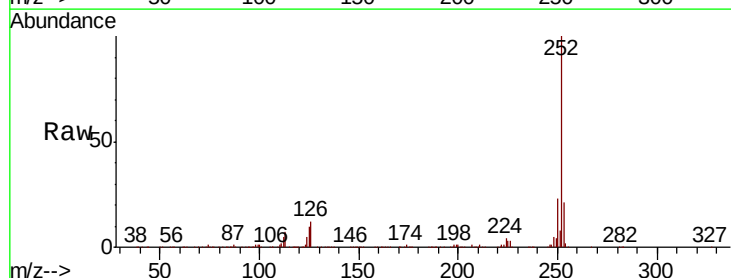
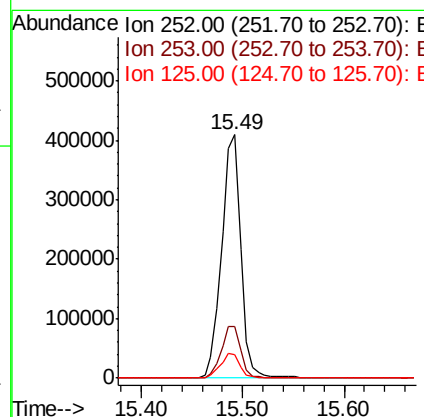
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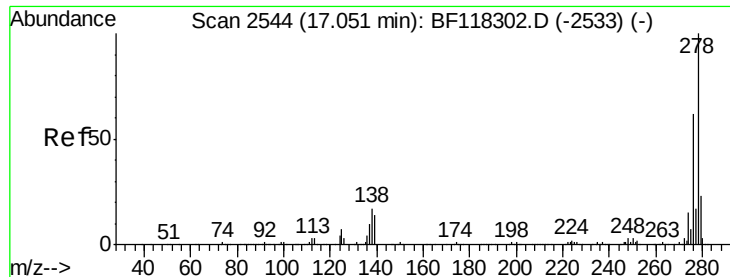
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#90
Benzo(a)pyrene
Concen: 41.215 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.02 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	9.7	9.0	13.4





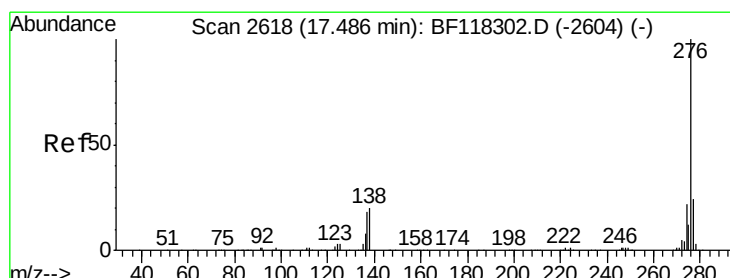
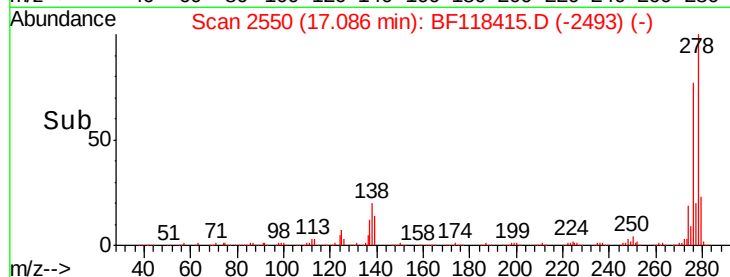
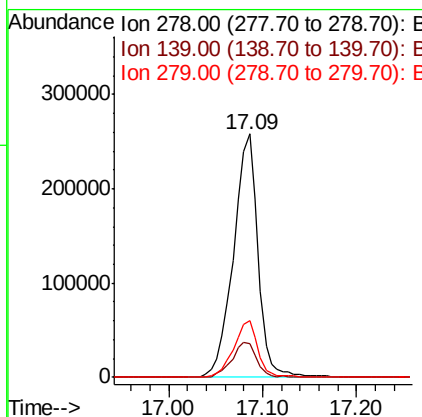
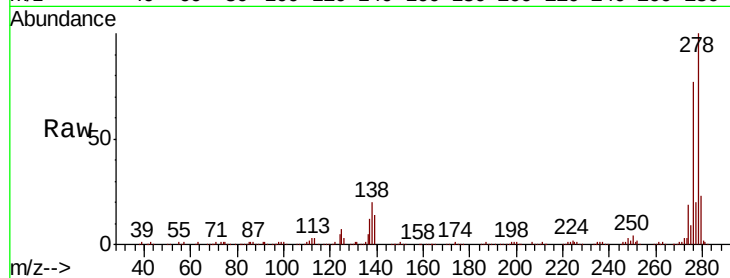
#91
Dibenzo(a,h)anthracene
Concen: 41.225 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.04 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Instrument :
BNA_F
ClientSampleId :
EO-O1-122719MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.5	17.3
279	23.2	18.3	27.5

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#92
Benzo(g,h,i)perylene
Concen: 39.987 ng
RT: 17.53 min Scan# 2626
Delta R.T. 0.05 min
Lab File: BF118415.D
Acq: 31 Dec 2019 19:51

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.1	28.7
138	19.8	16.1	24.1

