

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112319\
 Data File : BF117958.D
 Acq On : 23 Nov 2019 16:00
 Operator : JU
 Sample : K5972-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560MS

Manual Integrations
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 11/25/2019 2:32:11 PM

Quant Time: Nov 25 08:17:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	140405	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	556962	20.00	ng	-0.02
39) Acenaphthene-d10	9.96	164	251952	20.00	ng	-0.02
64) Phenanthrene-d10	11.45	188	550446	20.00	ng	-0.02
76) Chrysene-d12	14.10	240	466967	20.00	ng	-0.01
87) Perylene-d12	15.60	264	478105	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	738771	93.14	ng	-0.01
7) Phenol-d6	6.53	99	1054852	110.26	ng	-0.02
23) Nitrobenzene-d5	7.47	82	642963	68.62	ng	-0.02
42) 2,4,6-Tribromophenol	10.75	330	306413	114.87	ng	-0.02
45) 2-Fluorobiphenyl	9.27	172	1066051	75.91	ng	-0.02
79) Terphenyl-d14	13.04	244	1421974	55.65	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.72	88	125945	33.969	ng	97
3) Pyridine	3.48	79	314853	32.372	ng	96
4) n-Nitrosodimethylamine	3.43	42	162203	38.205	ng	96
6) Aniline	6.56	93	201634	15.949	ng	99
8) 2-Chlorophenol	6.69	128	380136	44.166	ng	94
9) Benzaldehyde	6.45	77	188455	27.718	ng	96
10) Phenol	6.55	94	465810	46.854	ng	96
11) bis(2-Chloroethyl)ether	6.64	93	299025	37.455	ng	93
12) 1,3-Dichlorobenzene	6.85	146	427759	42.215	ng	98
13) 1,4-Dichlorobenzene	6.92	146	427755	41.763	ng	100
14) 1,2-Dichlorobenzene	7.07	146	362868	37.044	ng	99
15) Benzyl Alcohol	7.05	79	299794	40.587	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	389512	31.689	ng	93
17) 2-Methylphenol	7.15	107	285290	39.141	ng	97
18) Hexachloroethane	7.42	117	164449	43.706	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	252946	42.856	ng	95
20) 3+4-Methylphenols	7.30	107	398709	44.067	ng	# 87
22) Acetophenone	7.31	105	543947	43.470	ng	96
24) Nitrobenzene	7.49	77	396545	41.026	ng	98
25) Isophorone	7.73	82	734798	42.789	ng	98
26) 2-Nitrophenol	7.80	139	216242	45.965	ng	95
27) 2,4-Dimethylphenol	7.84	122	336841	46.078	ng	96
28) bis(2-Chloroethoxy)methane	7.93	93	398794	36.596	ng	99
29) 2,4-Dichlorophenol	8.05	162	334437	42.176	ng	98
30) 1,2,4-Trichlorobenzene	8.13	180	365269	39.713	ng	99
31) Naphthalene	8.22	128	1193776	45.976	ng	99
32) Benzoic acid	7.96	122	257259	42.029	ng	# 82
33) 4-Chloroaniline	8.26	127	108289	9.316	ng	98
34) Hexachlorobutadiene	8.33	225	179871	33.448	ng	98
35) Caprolactam	8.63	113	104104m	41.309	ng	
36) 4-Chloro-3-methylphenol	8.75	107	305558	37.970	ng	94
37) 2-Methylnaphthalene	8.91	142	709991	40.470	ng	98
38) 1-Methylnaphthalene	9.01	142	642248	38.723	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.08	216	286394	39.141	ng	98

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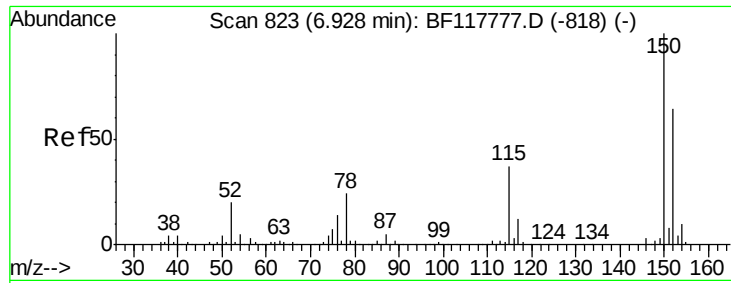
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.06	237	365762	89.201	nq	97
43) 2,4,6-Trichlorophenol	9.19	196	207883	39.666	nq	96
44) 2,4,5-Trichlorophenol	9.23	196	220006	40.432	nq	95
46) 1,1'-Biphenyl	9.37	154	797180	42.647	nq	98
47) 2-Chloronaphthalene	9.40	162	604540	39.313	nq	99
48) 2-Nitroaniline	9.49	65	181587	39.114	nq	99
49) Acenaphthylene	9.82	152	999823	44.596	nq	99
50) Dimethylphthalate	9.67	163	894040	50.602	nq	99
51) 2,6-Dinitrotoluene	9.74	165	163927	42.453	nq	87
52) Acenaphthene	9.99	154	678048	47.212	nq	99
53) 3-Nitroaniline	9.90	138	82552	17.867	nq	97
54) 2,4-Dinitrophenol	10.02	184	178595	89.111	nq	# 85
55) Dibenzofuran	10.17	168	864810	43.485	nq	99
56) 4-Nitrophenol	10.07	139	296946	86.100	nq	94
57) 2,4-Dinitrotoluene	10.15	165	221810	45.157	nq	91
58) Fluorene	10.51	166	681281	44.206	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.28	232	188145	42.082	nq	# 88
60) Diethylphthalate	10.38	149	714477	41.479	nq	100
61) 4-Chlorophenyl-phenylether	10.50	204	331599	42.398	nq	95
62) 4-Nitroaniline	10.52	138	177053	38.271	nq	91
63) Azobenzene	10.66	77	676100	43.144	nq	95
65) 4,6-Dinitro-2-methylphenol	10.55	198	123162	47.929	nq	74
66) n-Nitrosodiphenylamine	10.62	169	624723	38.997	nq	99
67) 4-Bromophenyl-phenylether	10.99	248	236498	39.820	nq	91
68) Hexachlorobenzene	11.06	284	269280	38.883	nq	99
69) Atrazine	11.14	200	256023	48.584	nq	97
70) Pentachlorophenol	11.26	266	328394	81.164	nq	99
71) Phenanthrene	11.48	178	1200931	43.395	nq	98
72) Anthracene	11.53	178	1223410	44.587	nq	99
73) Carbazole	11.68	167	1133724	47.283	nq	100
74) Di-n-butylphthalate	12.01	149	1342392	44.965	nq	99
75) Fluoranthene	12.67	202	1271570	51.552	nq	100
77) Benzdine	12.79	184	418746	27.376	nq	99
78) Pyrene	12.90	202	1313653	34.810	nq	99
80) Butylbenzylphthalate	13.52	149	610157	37.644	nq	99
81) Benzo(a)anthracene	14.09	228	1260523	40.849	nq	99
82) 3,3'-Dichlorobenzidine	14.05	252	191606	17.751	nq	98
83) Chrysene	14.13	228	1161924	38.859	nq	99
84) Bis(2-ethylhexyl)phthalate	14.07	149	838339	42.662	nq	99
85) Di-n-octyl phthalate	14.69	149	1452847	50.327	nq	99
86) Indeno(1,2,3-cd)pyrene	17.13	276	1063322	41.783	nq	98
88) Benzo(b)fluoranthene	15.16	252	1214453	39.097	nq	98
89) Benzo(k)fluoranthene	15.19	252	1105759	37.780	nq	99
90) Benzo(a)pyrene	15.54	252	1103935	40.415	nq	100
91) Dibenzo(a,h)anthracene	17.15	278	860901	36.618	nq	97
92) Benzo(g,h,i)perylene	17.59	276	955570	40.807	nq	99

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



#1

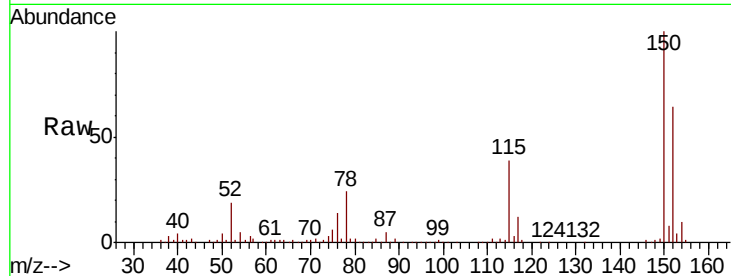
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.02 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.3	187.9
115	61.1	47.0	70.4

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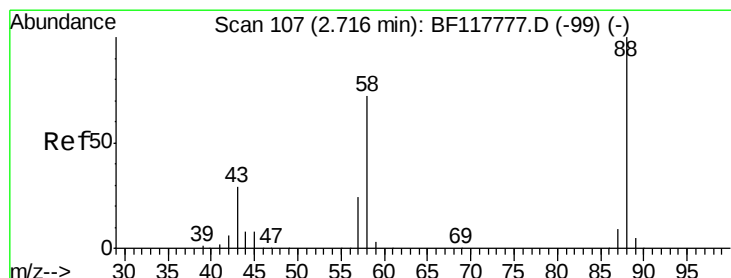
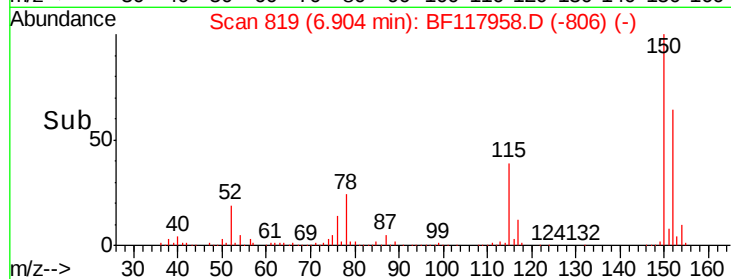
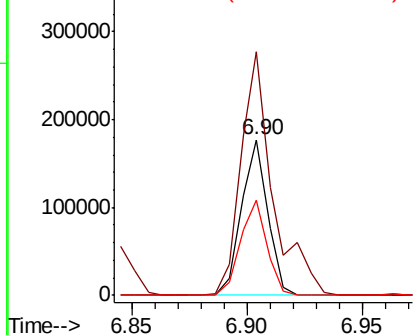


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

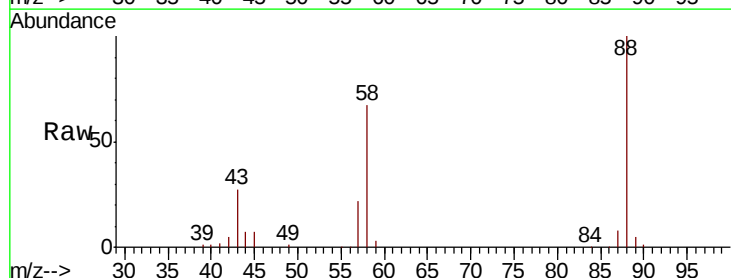
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 33.969 ng
 RT: 2.72 min Scan# 108
 Delta R.T. 0.01 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.7	58.2	87.2
43	27.5	23.3	34.9

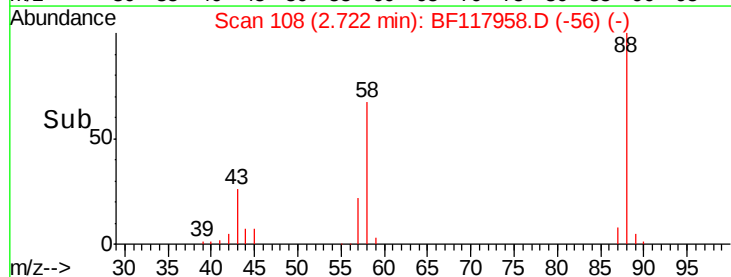
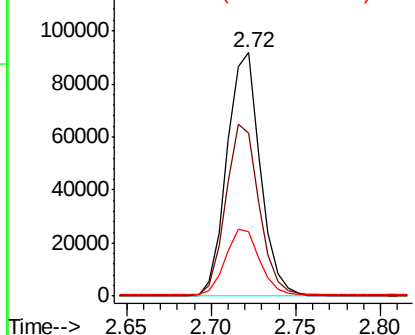


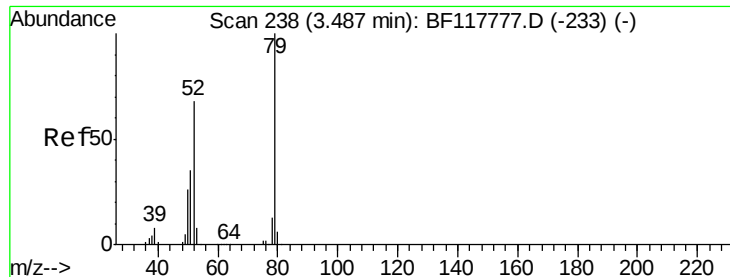
Abundance

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





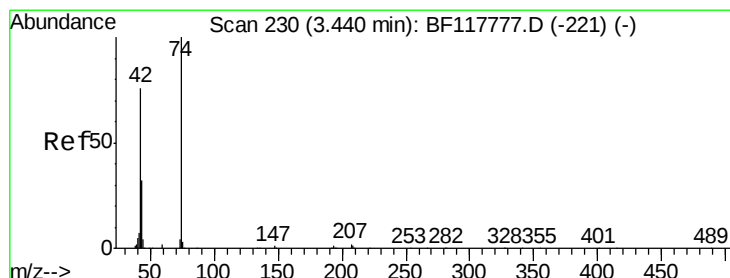
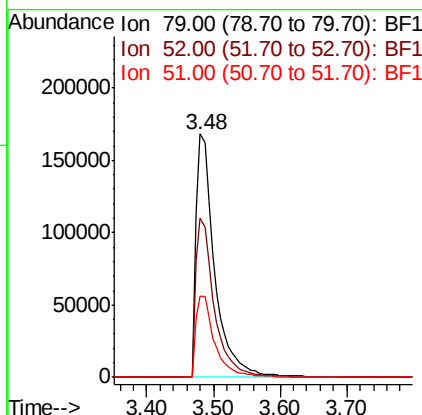
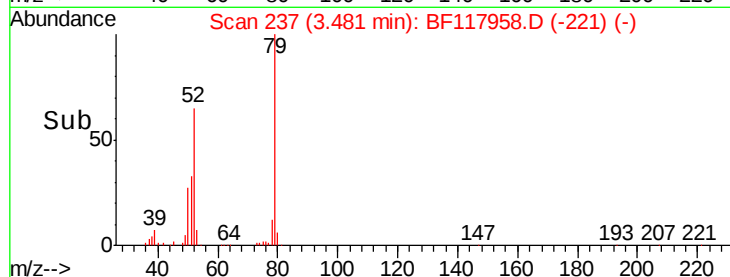
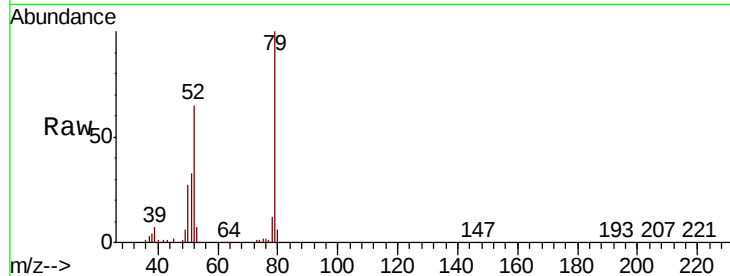
#3
 Pvridine
 Concen: 32.372 ng
 RT: 3.48 min Scan# 237
 Delta R.T. -0.01 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.3	54.8	82.2
51	33.5	28.2	42.4

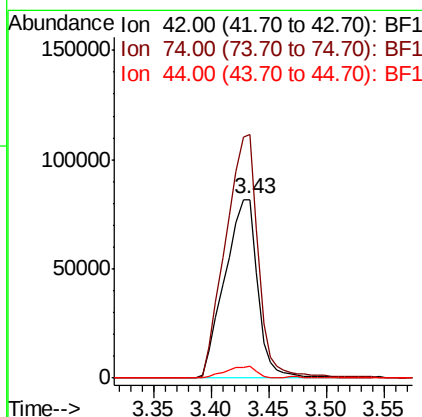
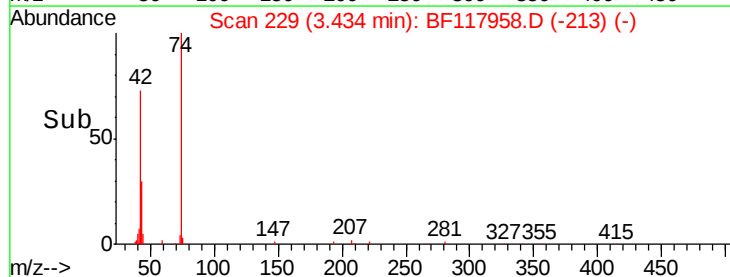
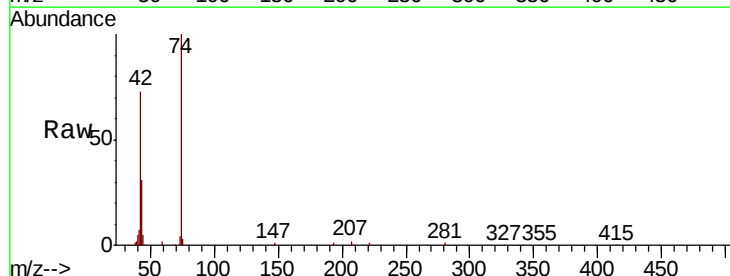
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#4
 n-Nitrosodimethylamine
 Concen: 38.205 ng
 RT: 3.43 min Scan# 229
 Delta R.T. -0.01 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
42	100		
74	136.4	105.1	157.7
44	6.3	4.6	7.0





#5

2-Fluorophenol

Concen: 93.138 ng

RT: 5.52 min Scan# 584

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

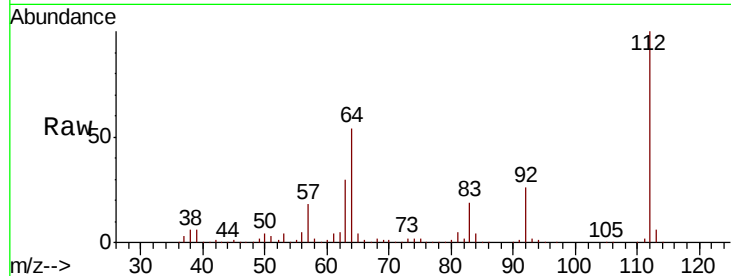
ClientSampleId :

25441-26560MS

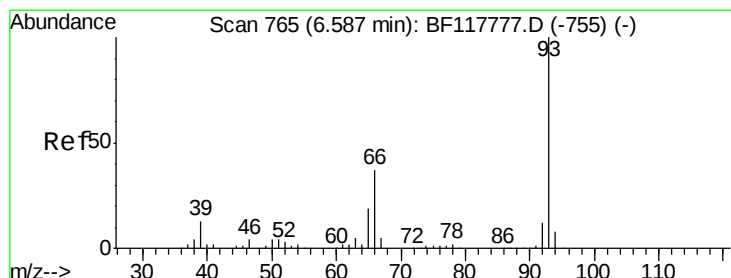
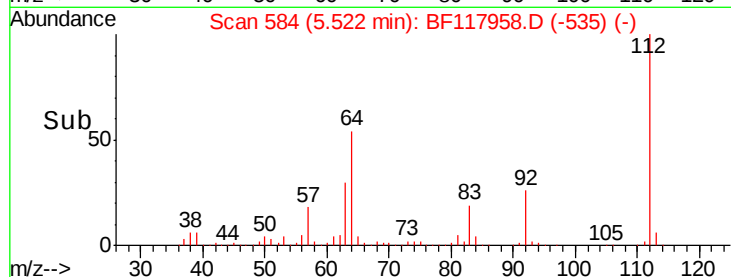
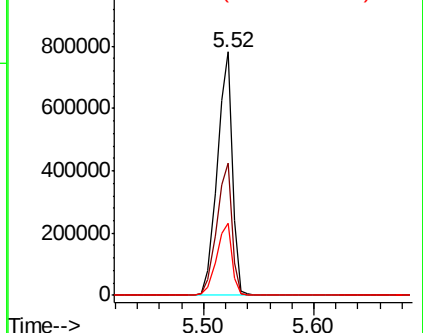
Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		738771		
64	54.3	45.6	68.4		
63	29.7	24.1	36.1		

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



#6

Aniline

Concen: 15.949 ng

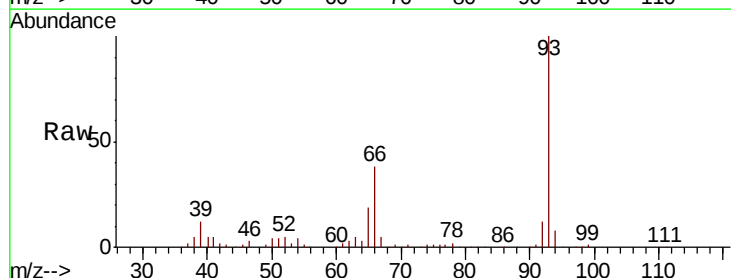
RT: 6.56 min Scan# 761

Delta R.T. -0.02 min

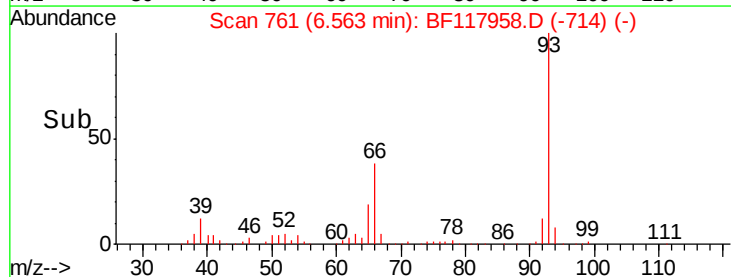
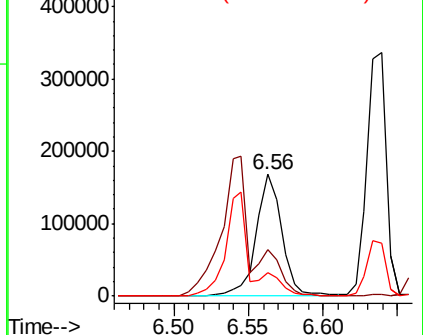
Lab File: BF117958.D

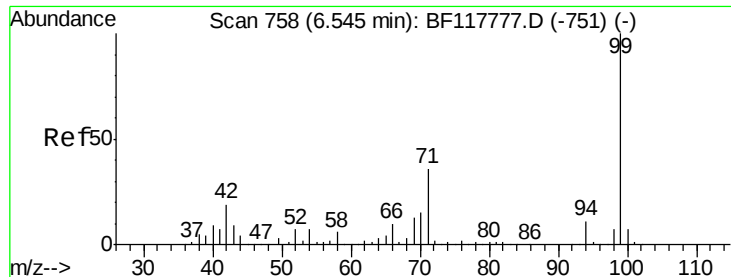
Acq: 23 Nov 2019 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		201634		
66	38.5	30.6	45.8		
65	18.8	15.6	23.4		



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.256 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

25441-26560MS

Tot Ion: 99 Resp: 1054852

Ion Ratio Lower Upper

99 100

42 18.0 14.9 22.3

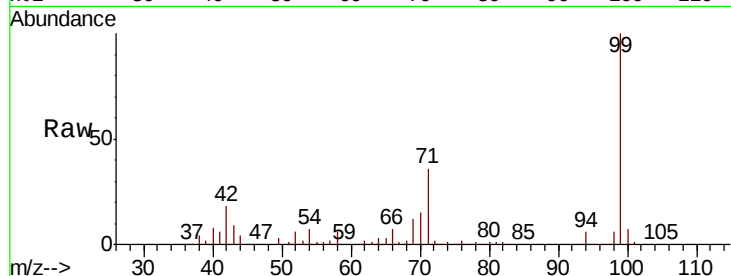
71 36.0 28.6 43.0

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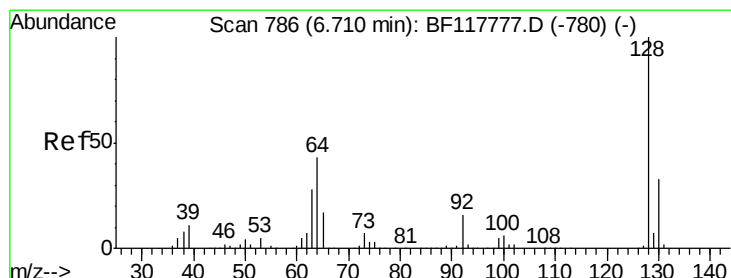
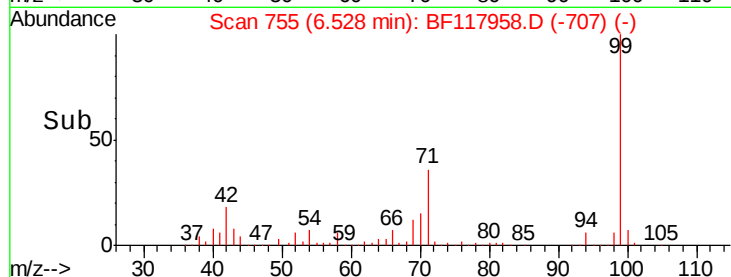
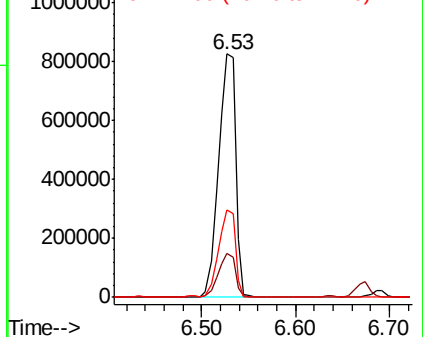
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.166 ng

RT: 6.69 min Scan# 783

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

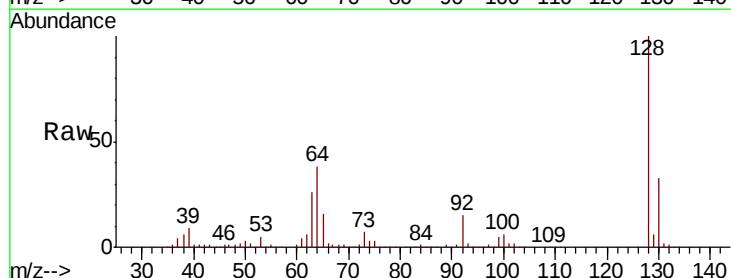
Tgt Ion: 128 Resp: 380136

Ion Ratio Lower Upper

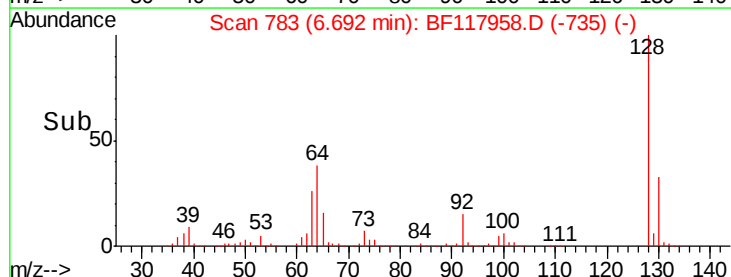
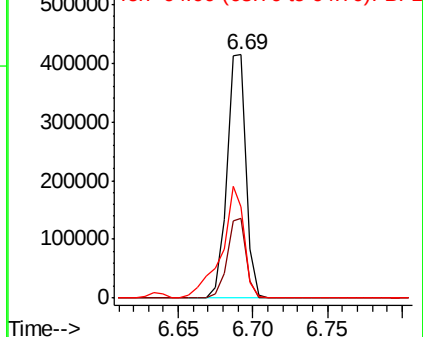
128 100

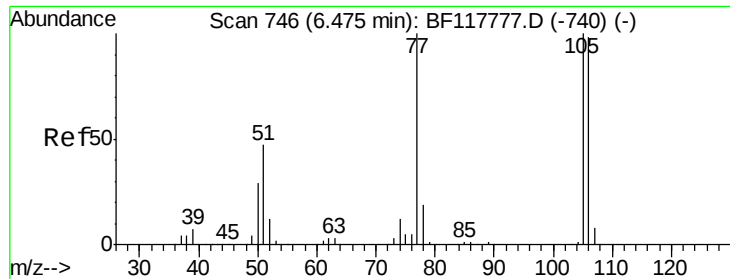
130 33.0 13.2 53.2

64 37.5 23.7 63.7



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





#9

Benzaldehyde

Concen: 27.718 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

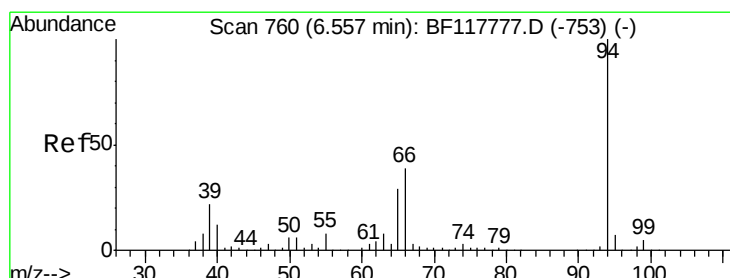
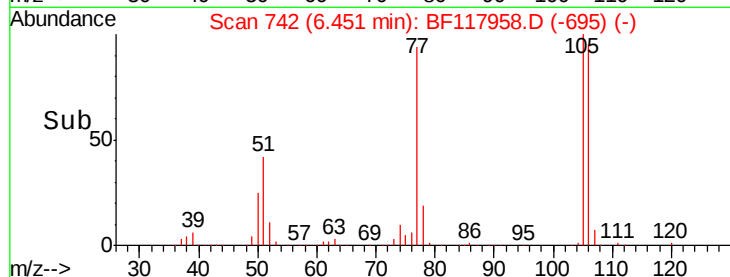
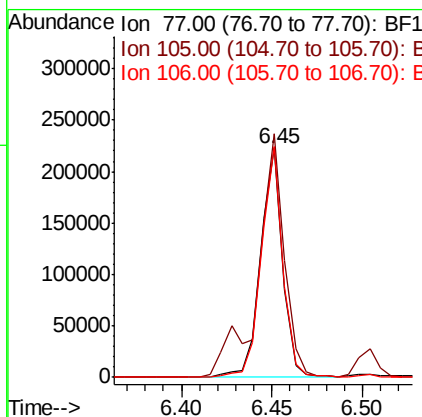
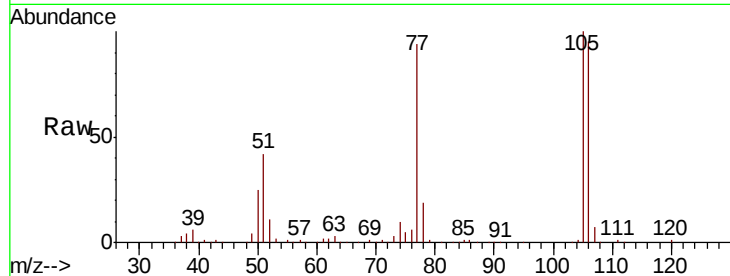
ClientSampleId :

25441-26560MS

Tot Ion:	77	Resp:	188455
Ion	Ratio	Lower	Upper
77	100		
105	106.3	80.2	120.2
106	100.9	78.4	118.4

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#10

Phenol

Concen: 46.854 ng

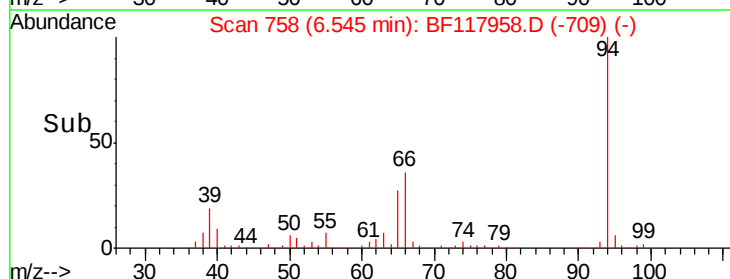
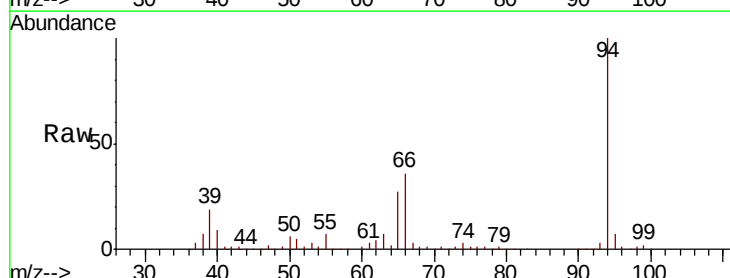
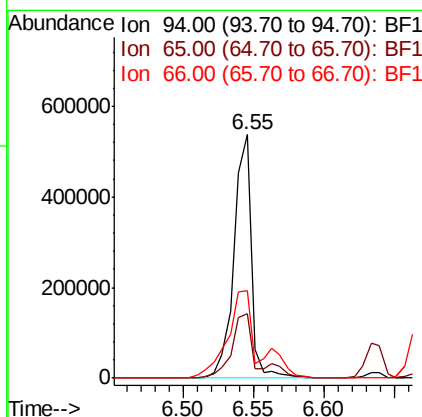
RT: 6.55 min Scan# 758

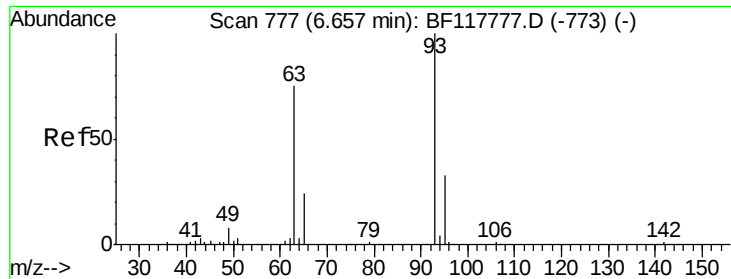
Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Tgt Ion:	94	Resp:	465810
Ion	Ratio	Lower	Upper
94	100		
65	26.7	8.9	48.9
66	36.0	18.7	58.7





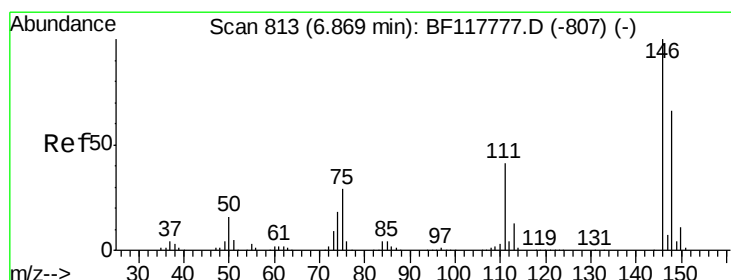
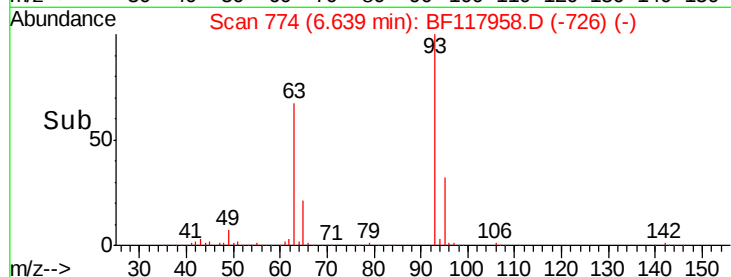
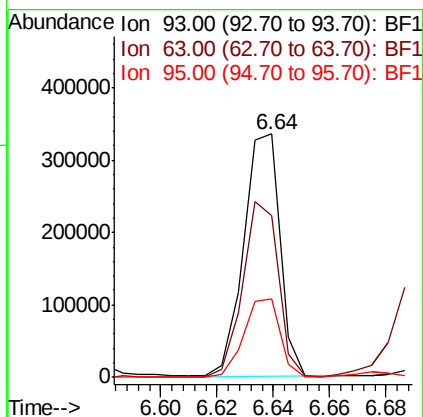
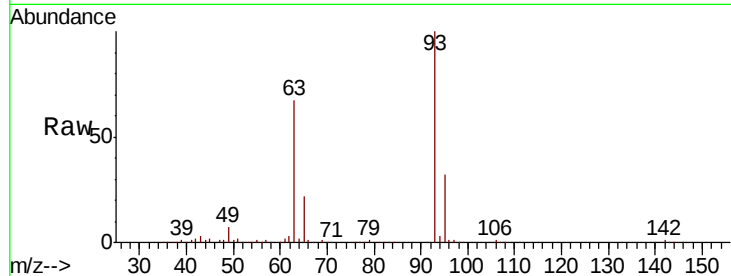
#11
bis(2-Chloroethyl)ether
Concen: 37.455 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	299025		
63	66.7		54.8	94.8
95	32.2		12.7	52.7

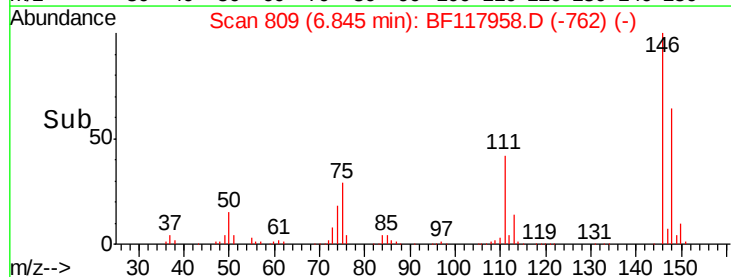
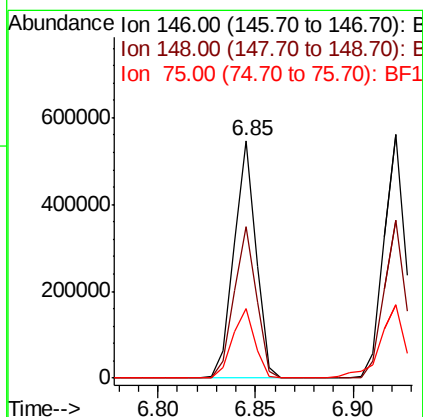
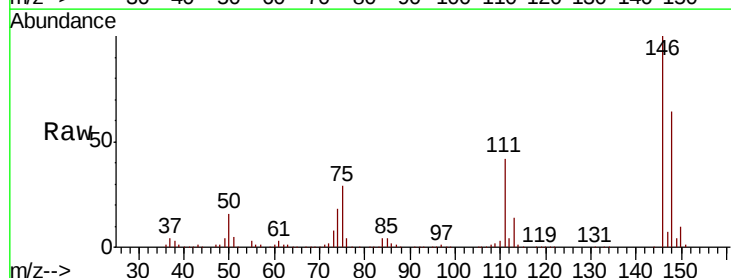
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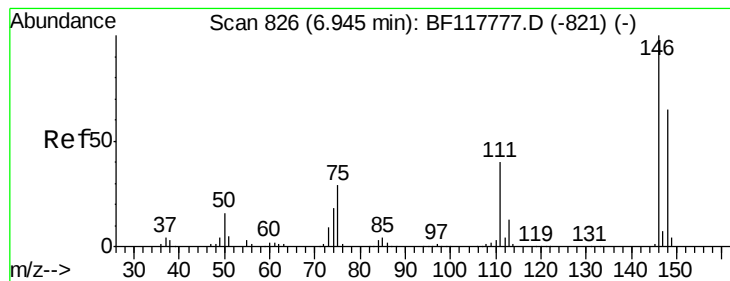
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.215 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	427759		
148	63.7		52.8	79.2
75	29.1		23.4	35.0





#13

1,4-Dichlorobenzene

Concen: 41.763 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

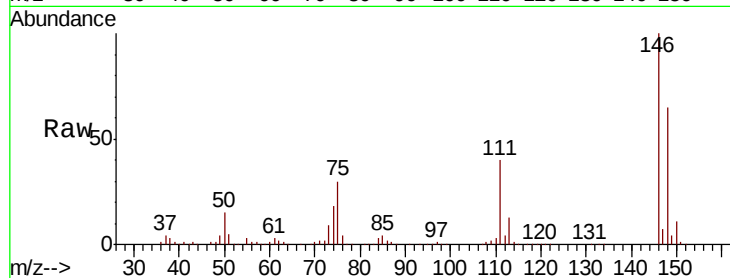
ClientSampleId :

25441-26560MS

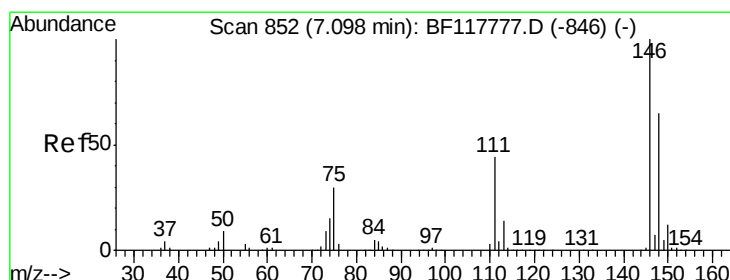
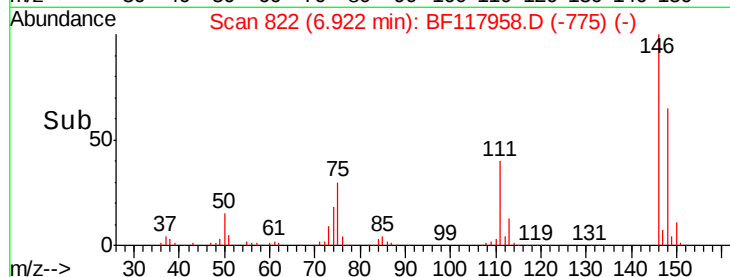
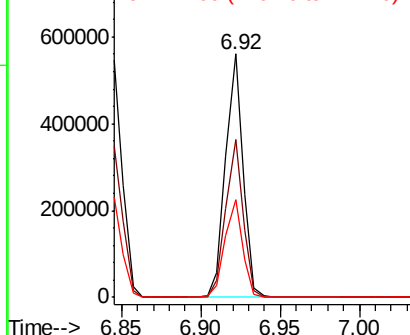
Tot Ion:	146	Resp:	427755
Ion Ratio	Lower	Upper	
146	100		
148	65.1	52.3	78.5
111	40.2	32.2	48.4

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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: 37.044 ng

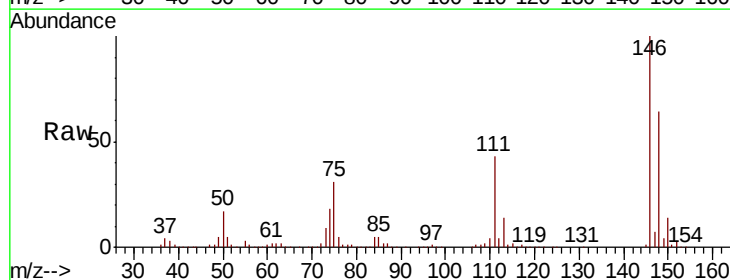
RT: 7.07 min Scan# 848

Delta R.T. -0.02 min

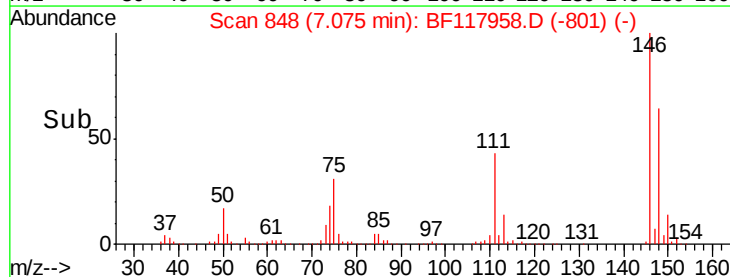
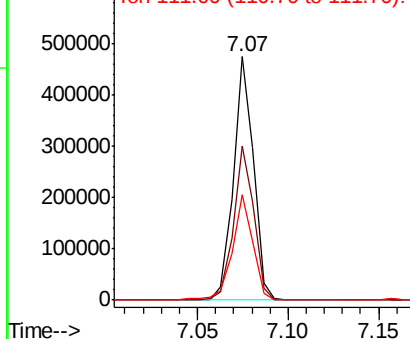
Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Tgt Ion:	146	Resp:	362868
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.8	77.8
111	43.3	35.0	52.6



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: 40.587 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

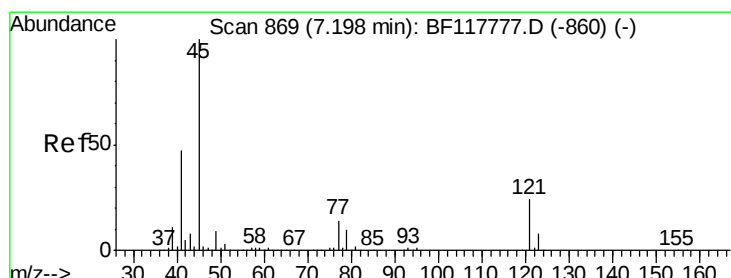
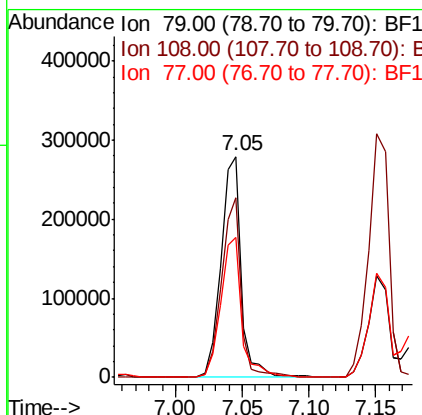
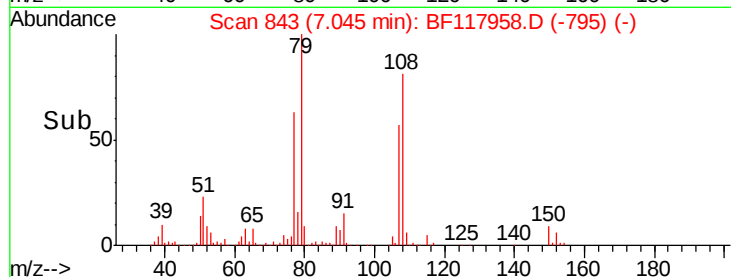
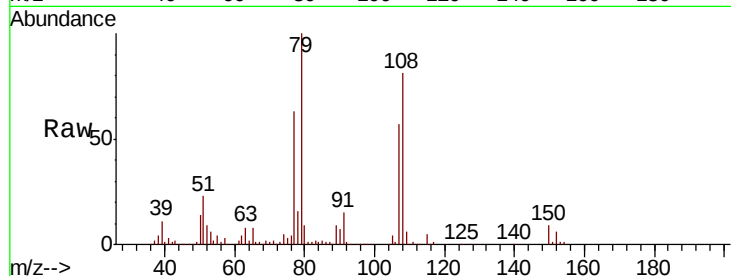
ClientSampleId :

25441-26560MS

Tot Ion:	79	Resp:	299794
Ion Ratio	Lower	Upper	
79	100		
108	81.3	64.1	96.1
77	63.1	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 31.689 ng

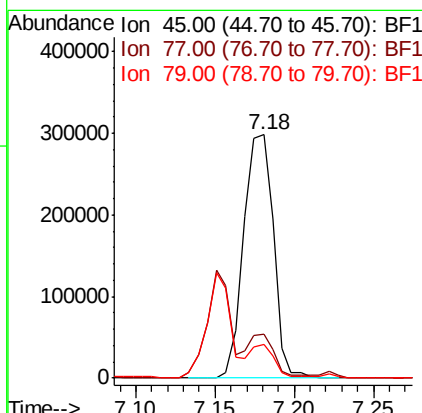
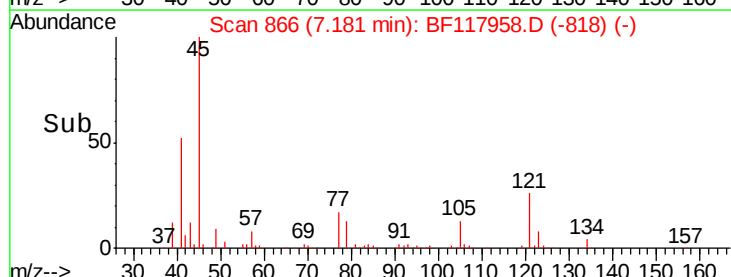
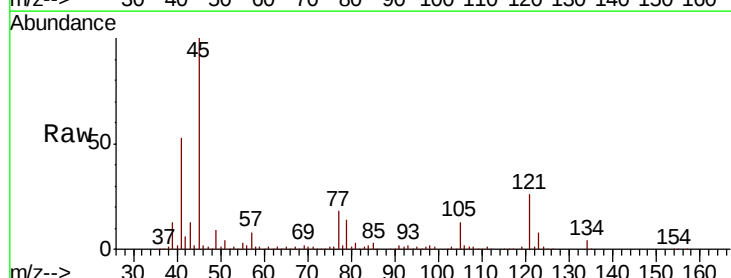
RT: 7.18 min Scan# 866

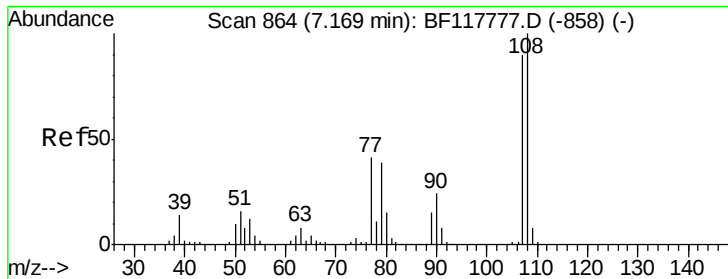
Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Tgt Ion:	45	Resp:	389512
Ion Ratio	Lower	Upper	
45	100		
77	17.9	0.0	35.0
79	14.0	0.0	31.1





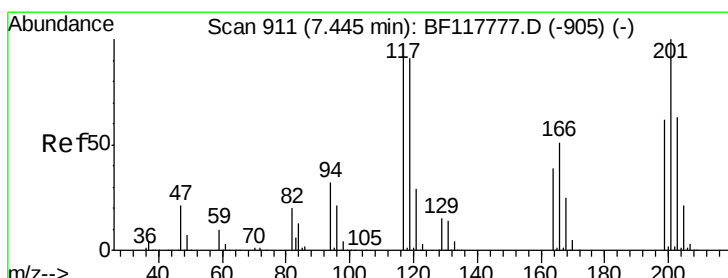
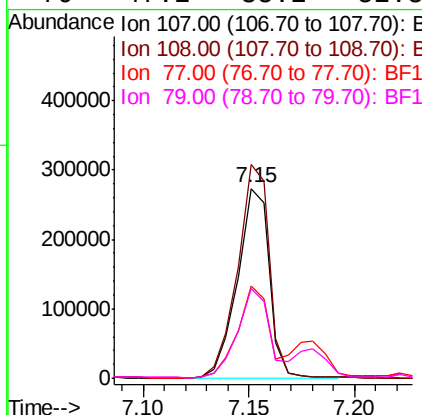
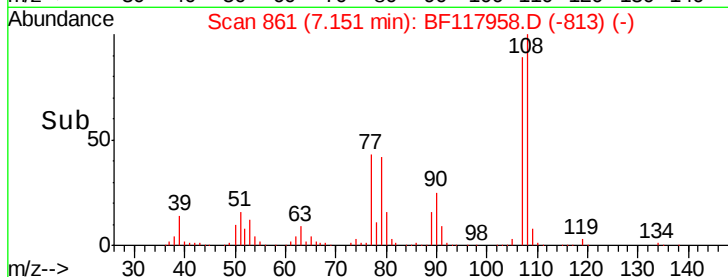
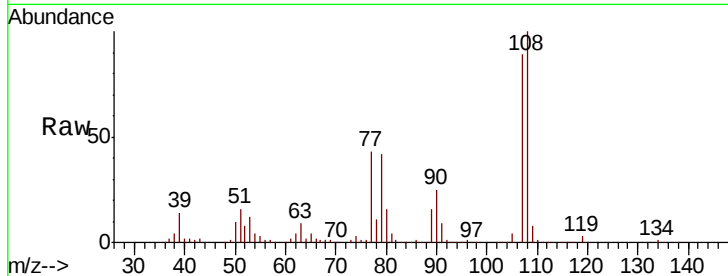
#17
2-Methylphenol
Concen: 39.141 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion:	107	Resp:	285290
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.1	133.7
77	48.3	36.6	54.8
79	47.2	35.2	52.8

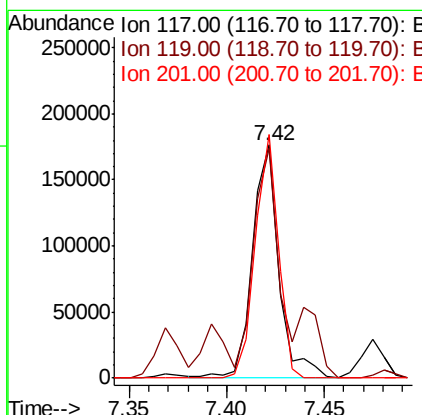
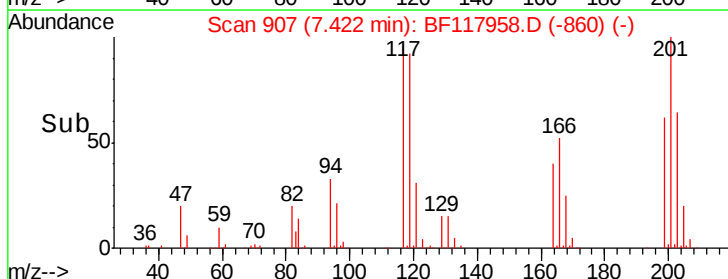
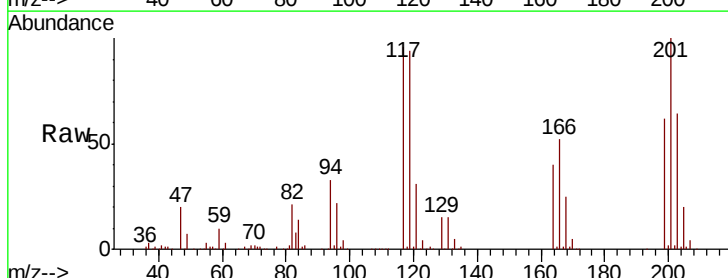
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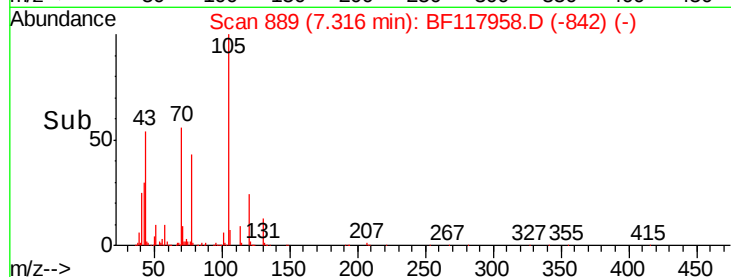
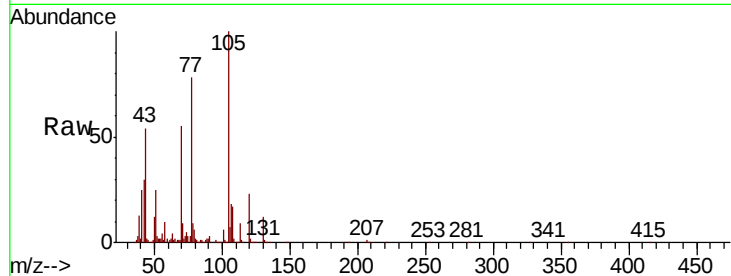
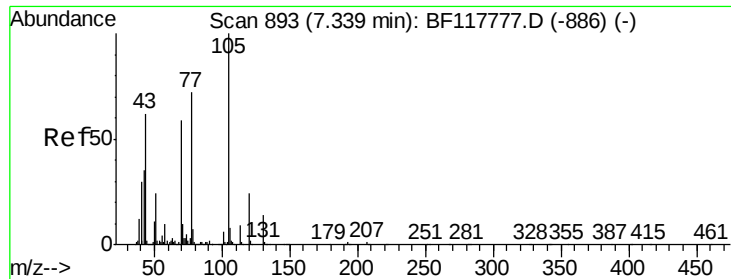
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#18
Hexachloroethane
Concen: 43.706 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion:	117	Resp:	164449
Ion	Ratio	Lower	Upper
117	100		
119	98.2	78.7	118.1
201	104.4	86.5	129.7





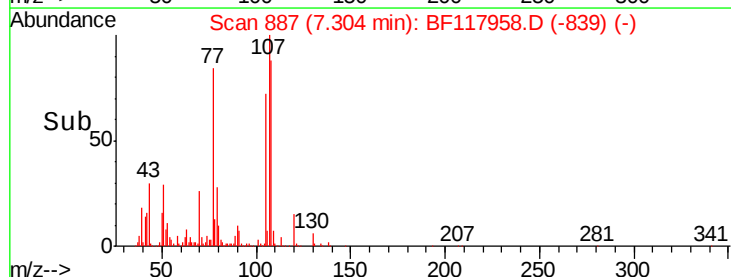
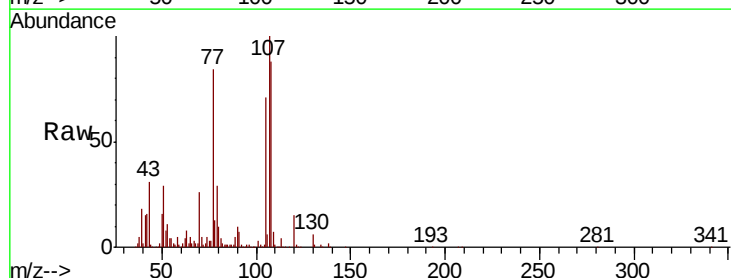
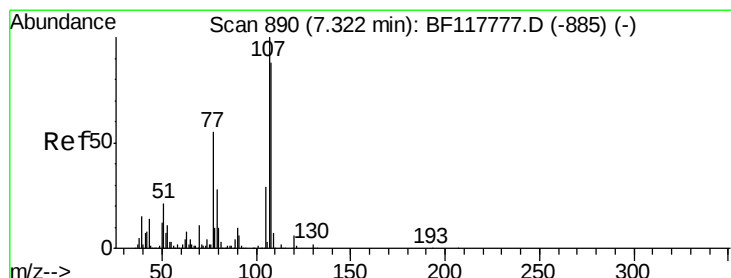
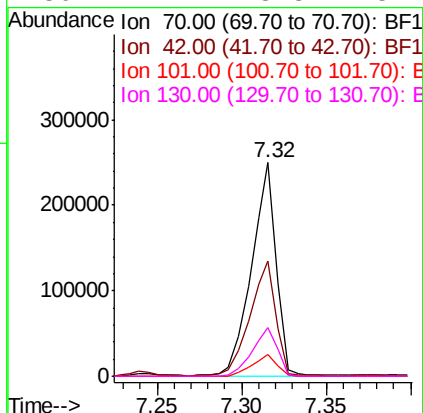
#19
n-Nitroso-di-n-propylamine
Concen: 42.856 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	54.2	47.4	71.2
101	10.4	8.4	12.6
130	22.7	18.8	28.2

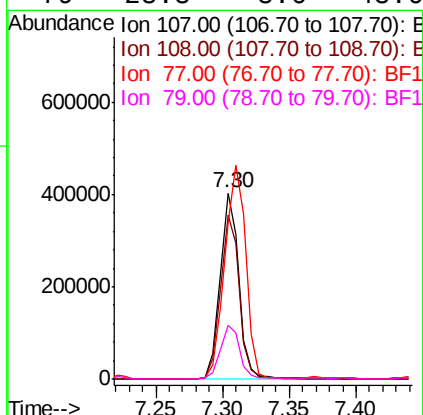
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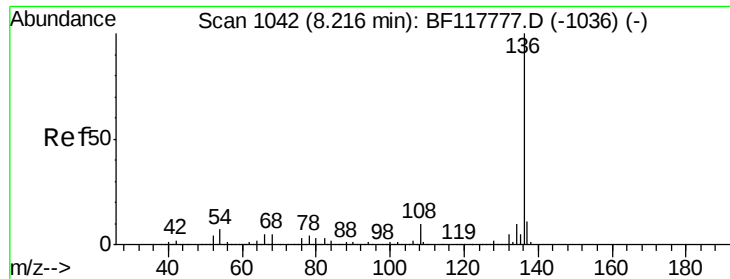
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#20
3+4-Methylphenols
Concen: 44.067 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.4	108.4
77	84.0	35.2	75.2#
79	28.8	8.6	48.6





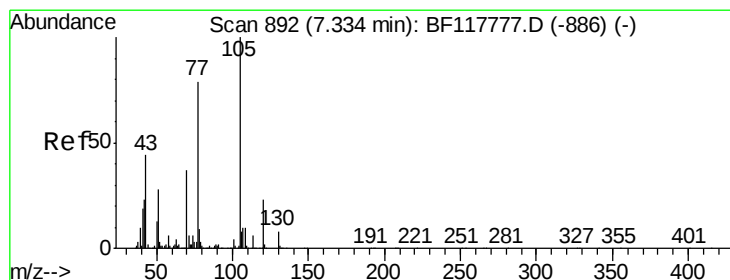
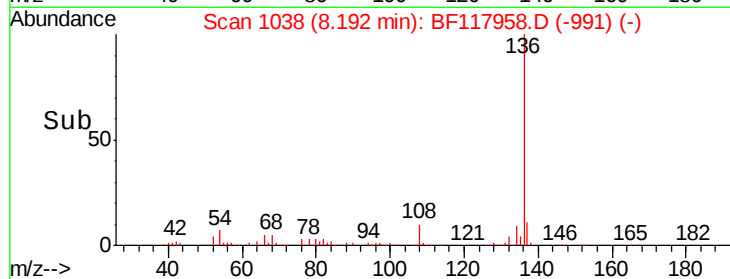
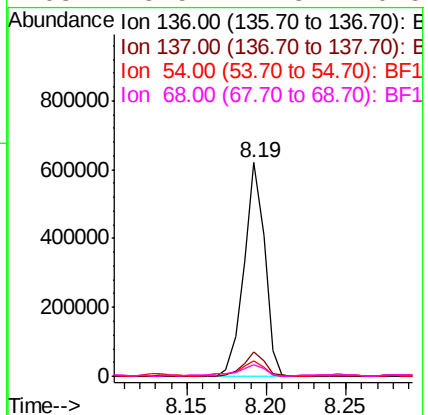
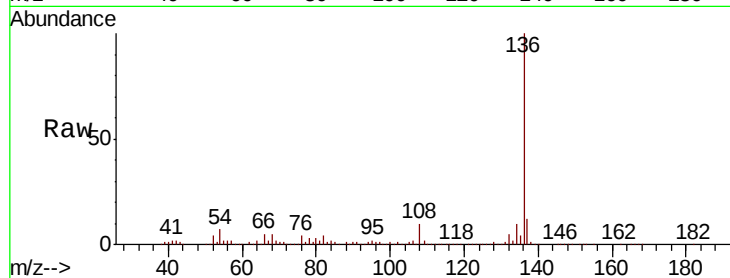
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	9.0	13.4	
54	7.2	5.4	8.2	
68	5.5	4.3	6.5	

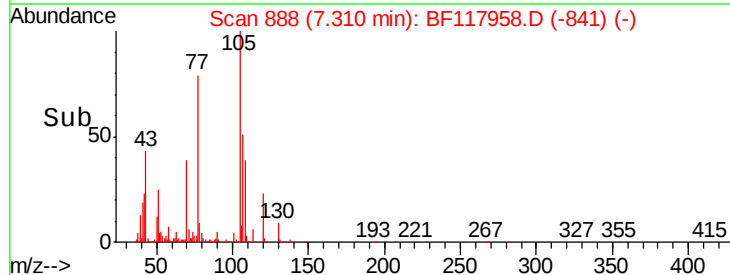
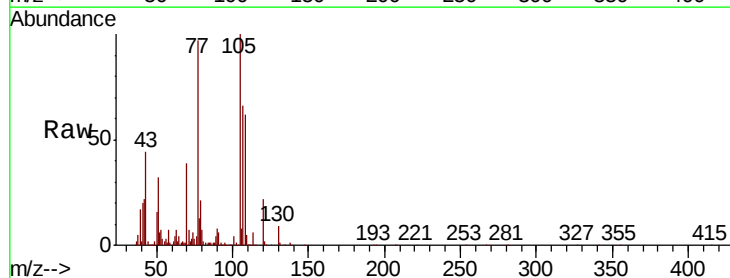
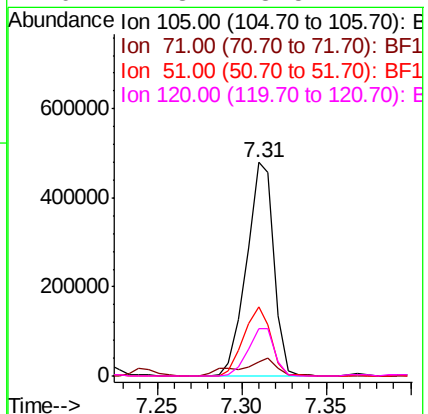
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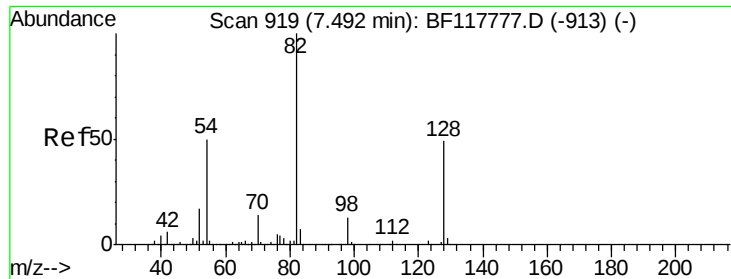
mohammad
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#22
Acetophenone
Concen: 43.470 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	6.8	4.9	7.3	
51	32.2	22.7	34.1	
120	22.3	18.5	27.7	





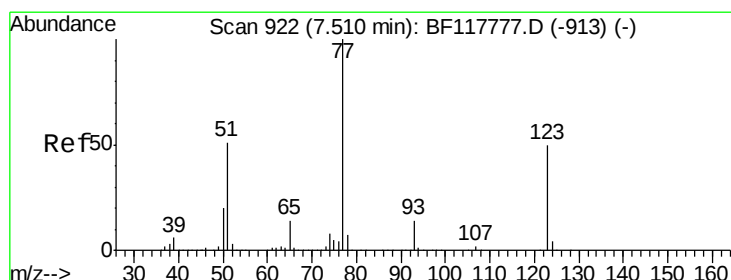
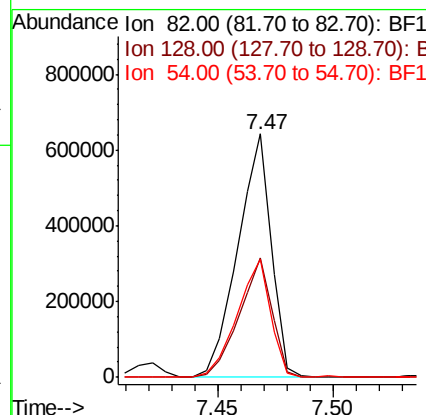
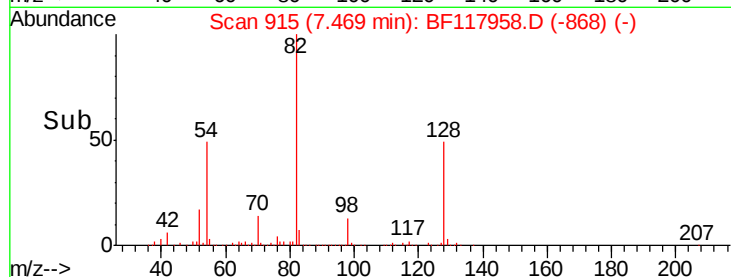
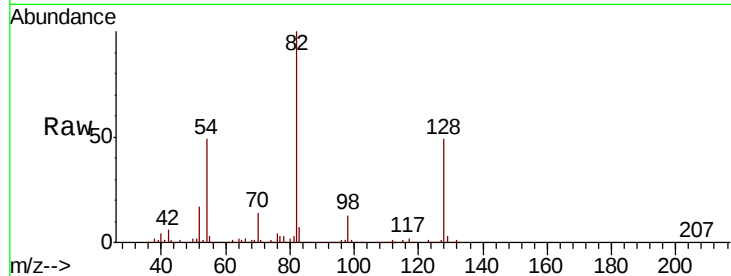
#23
Nitrobenzene-d5
Concen: 68.625 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	49.2	38.9	58.3
54	48.8	39.8	59.6

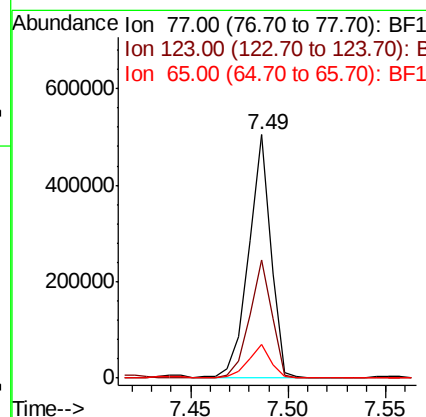
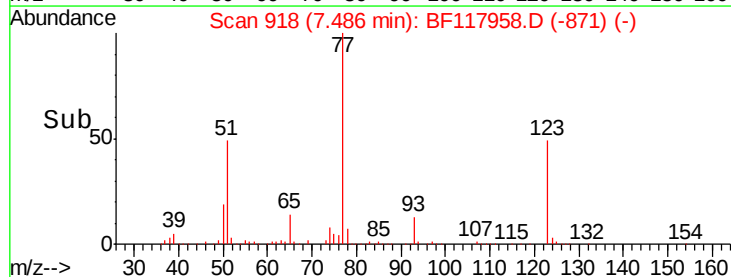
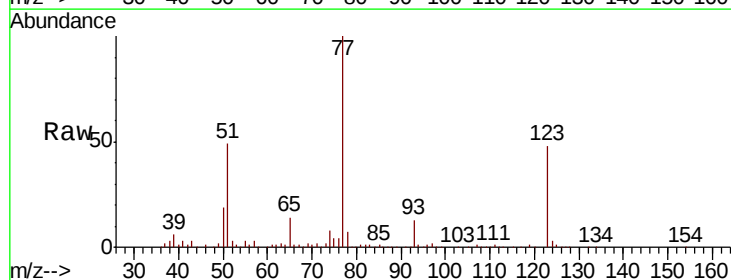
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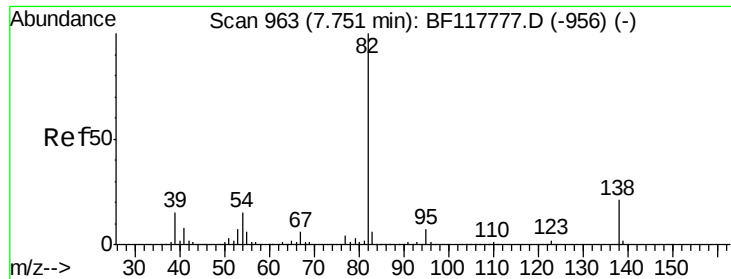
mohammad
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#24
Nitrobenzene
Concen: 41.026 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.5	40.3	60.5
65	14.0	10.9	16.3





#25

Isophorone

Concen: 42.789 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

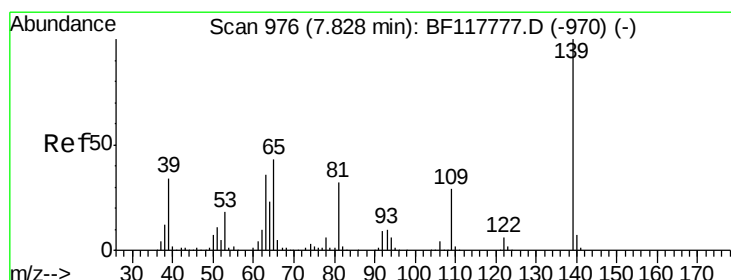
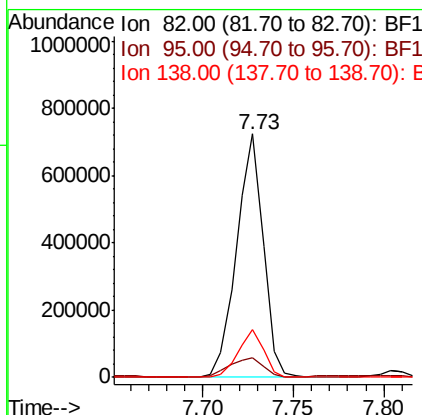
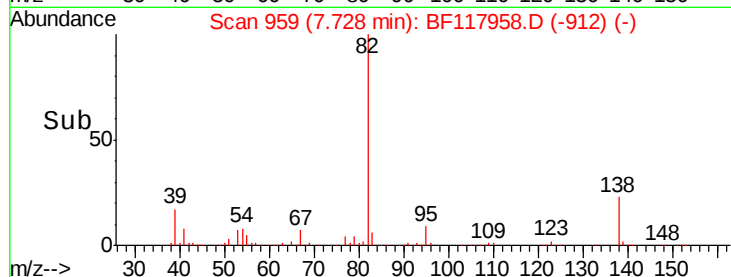
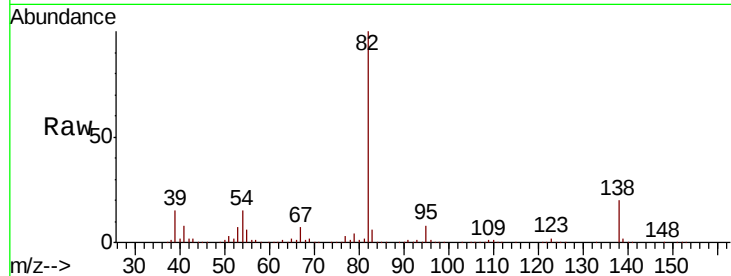
ClientSampleId :

25441-26560MS

Tot Ion:	82	Resp:	734798
Ion Ratio	Lower	Upper	
82	100		
95	8.0	5.8	8.8
138	19.8	16.5	24.7

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#26

2-Nitrophenol

Concen: 45.965 ng

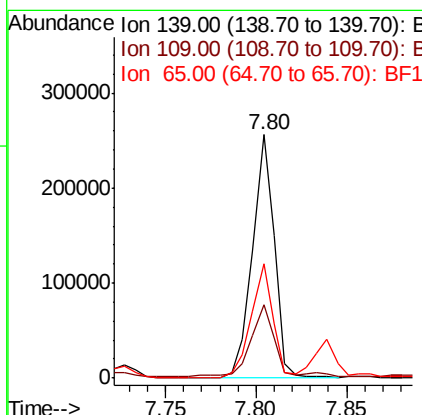
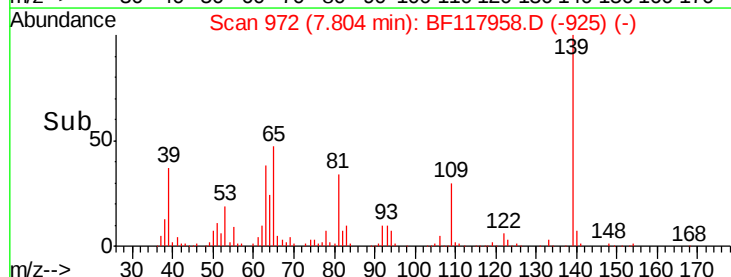
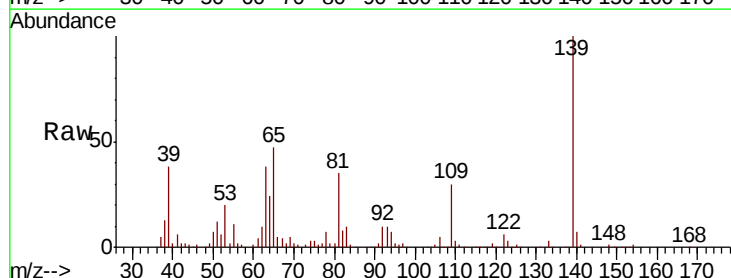
RT: 7.80 min Scan# 972

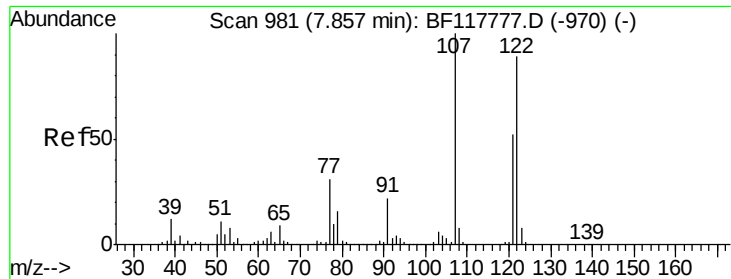
Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Tgt Ion:	139	Resp:	216242
Ion Ratio	Lower	Upper	
139	100		
109	30.4	23.0	34.4
65	46.9	34.7	52.1





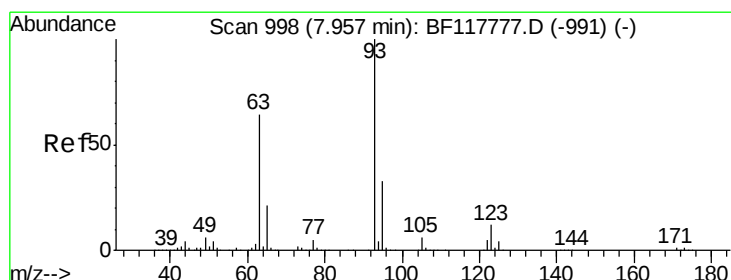
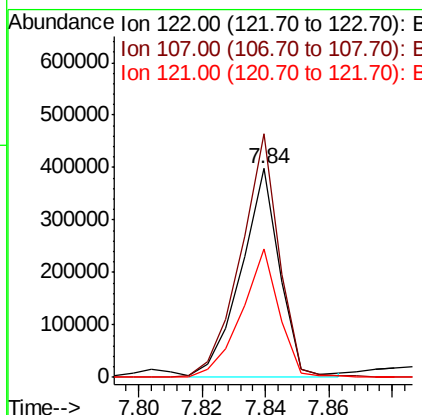
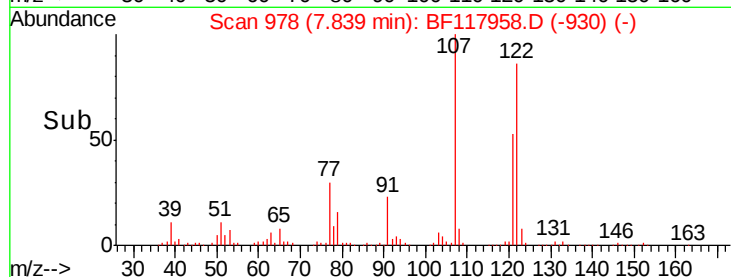
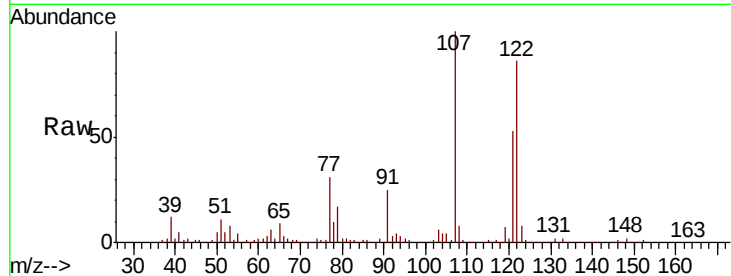
#27
2,4-Dimethylphenol
Concen: 46.078 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	116.6	90.0	135.0		
121	61.7	46.7	70.1		

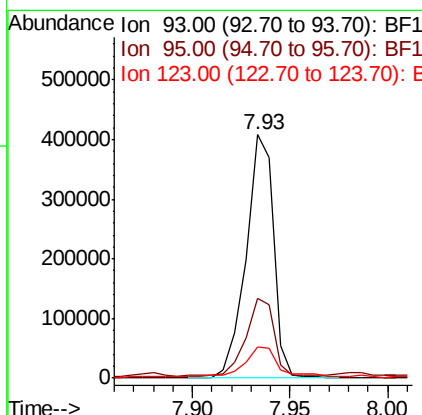
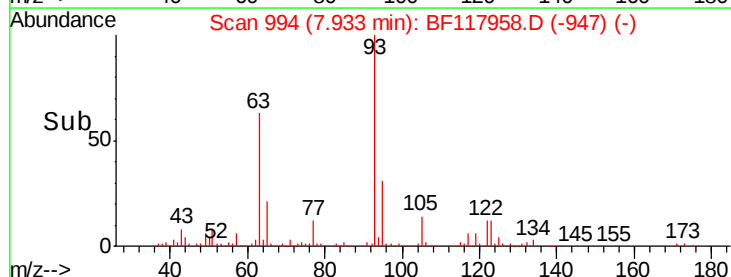
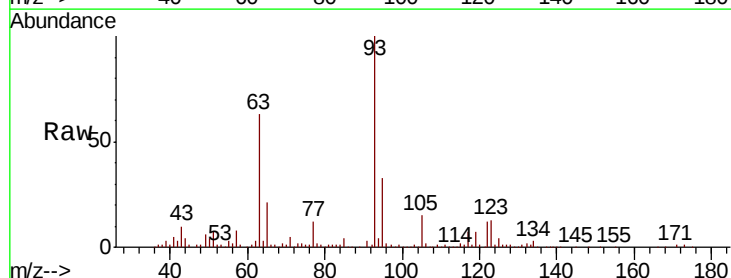
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#28
bis(2-Chloroethoxy)methane
Concen: 36.596 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.6	26.6	40.0		
123	12.6	10.3	15.5		





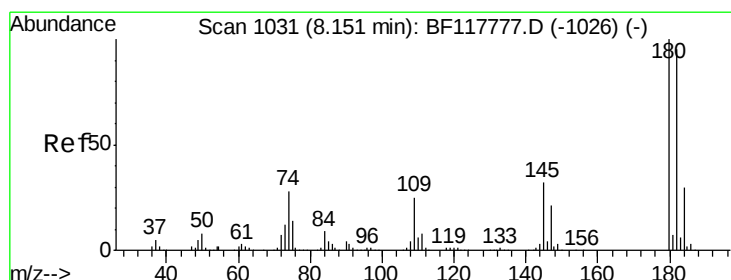
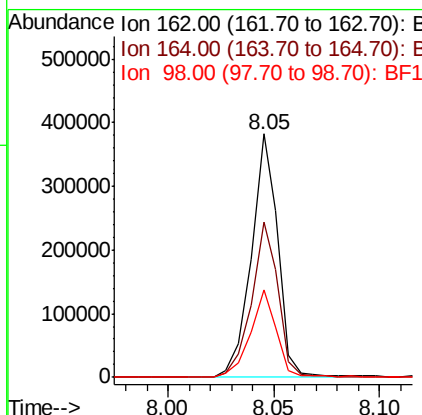
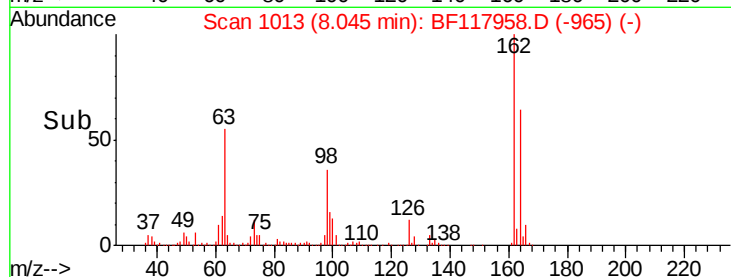
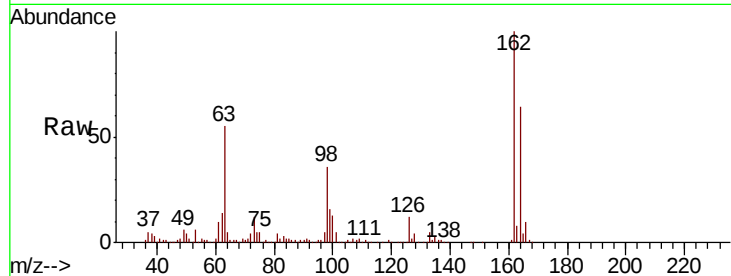
#29
2,4-Dichlorophenol
Concen: 42.176 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	334437		
164	64.0	45.1	85.1	
98	35.8	17.2	57.2	

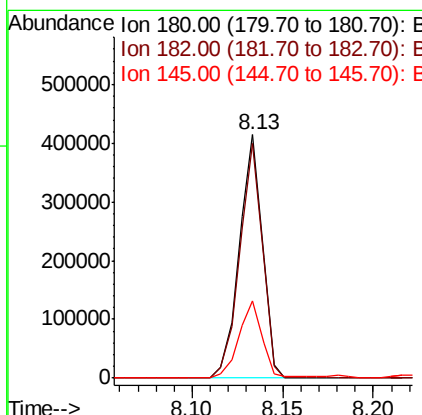
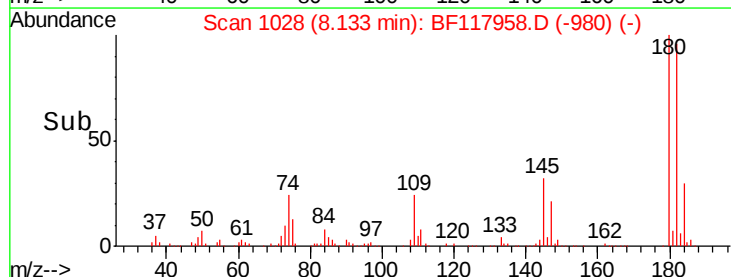
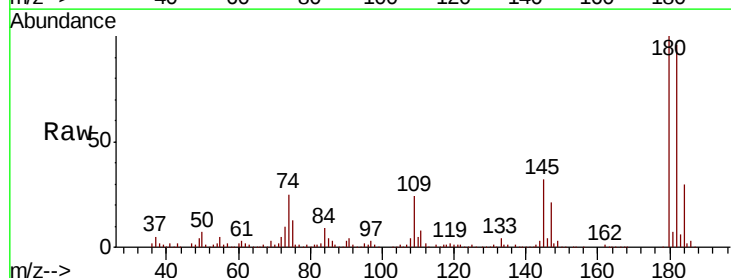
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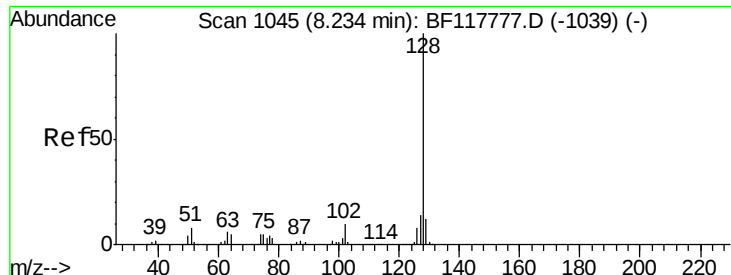
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#30
1,2,4-Trichlorobenzene
Concen: 39.713 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	365269		
182	96.1	75.8	113.6	
145	31.6	25.5	38.3	





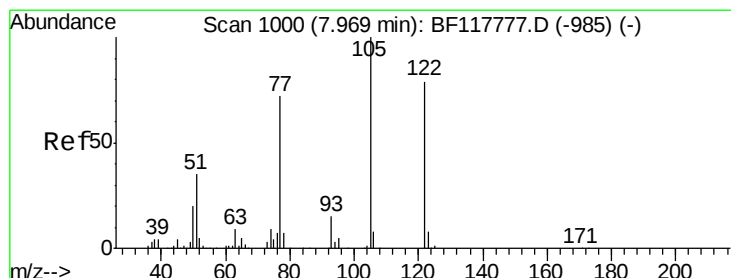
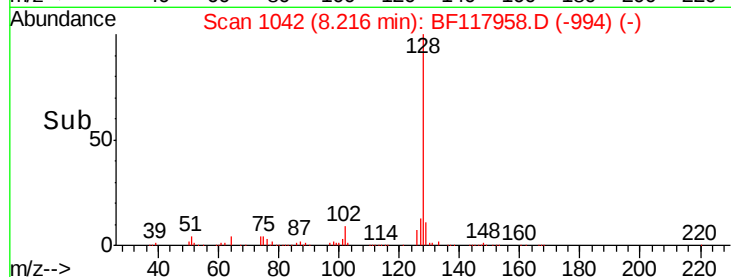
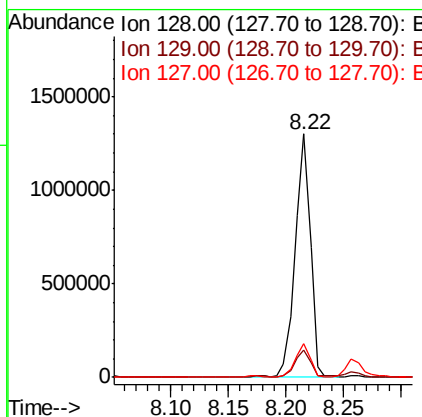
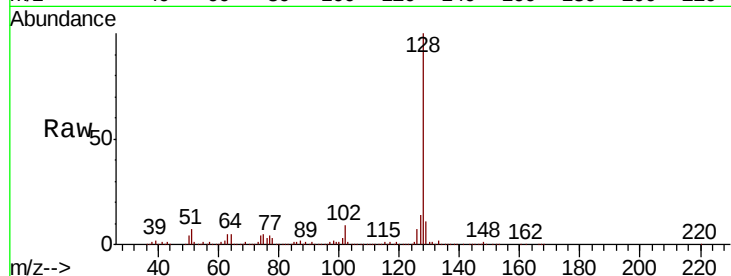
#31
Naphthalene
Concen: 45.976 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.7	11.3	16.9

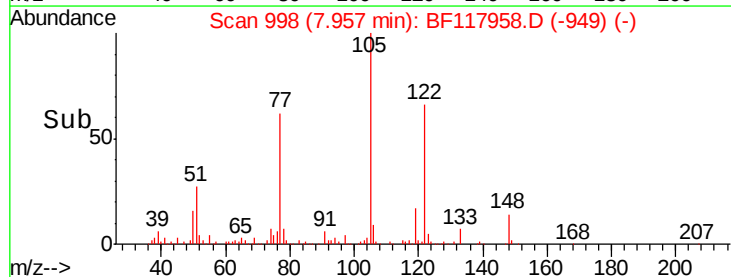
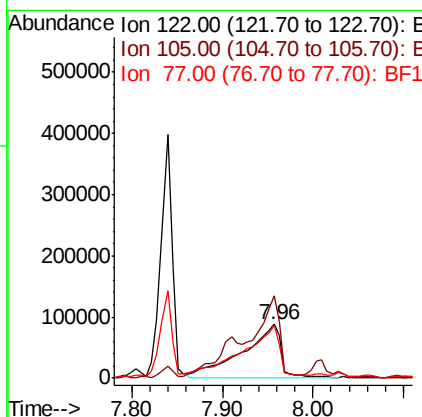
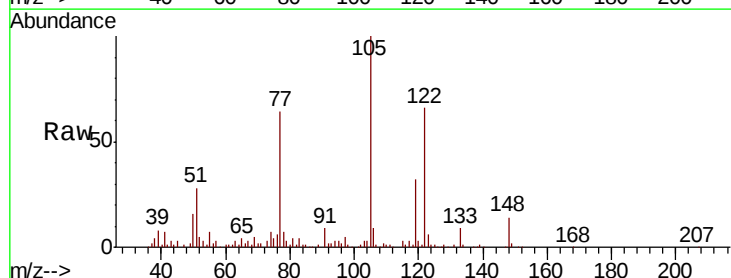
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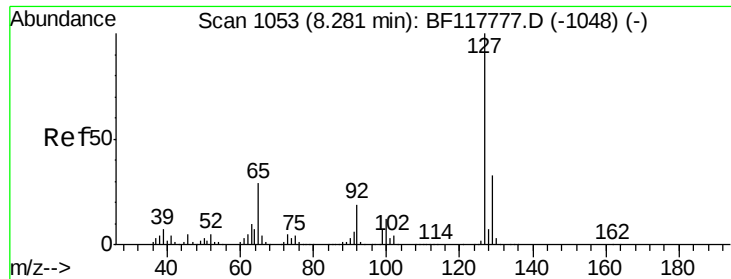
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#32
Benzoic acid
Concen: 42.029 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	152.5	102.7	142.7#
77	97.2	70.5	110.5





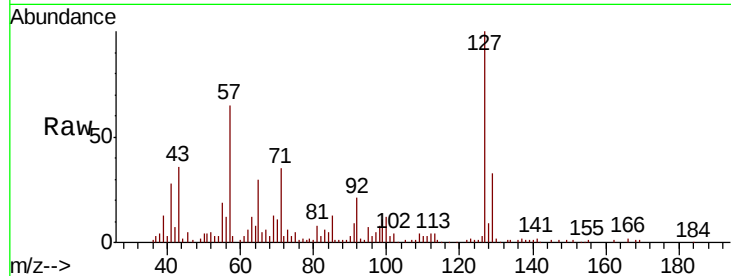
#33
4-Chloroaniline
Concen: 9.316 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

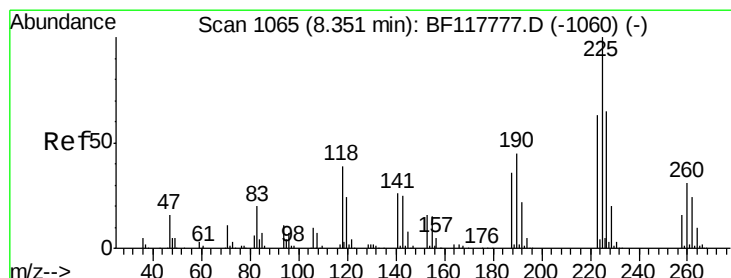
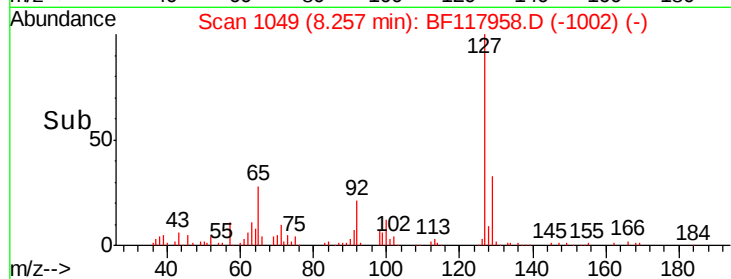
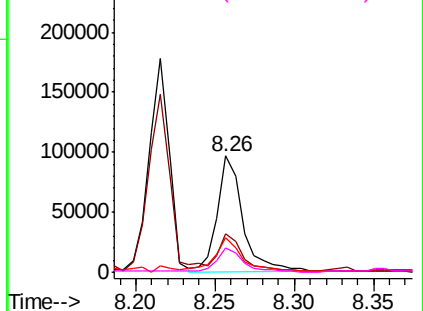
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.8	26.5	39.7		
65	29.6	22.9	34.3		
92	20.8	15.0	22.6		

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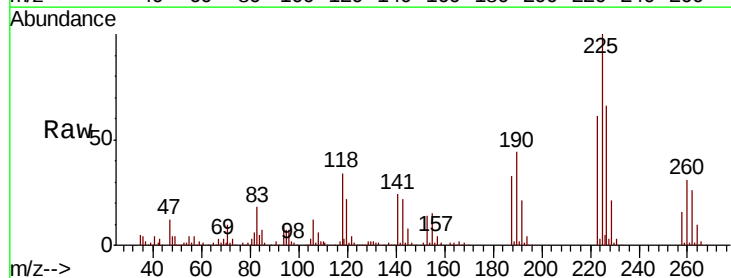


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

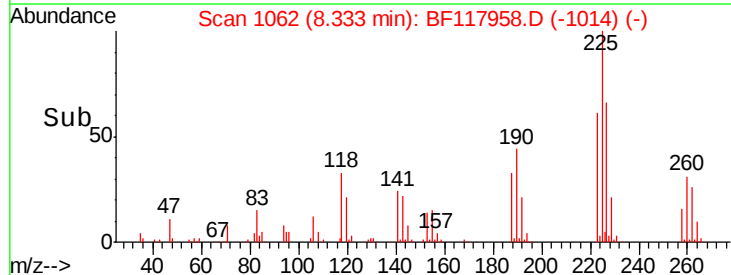
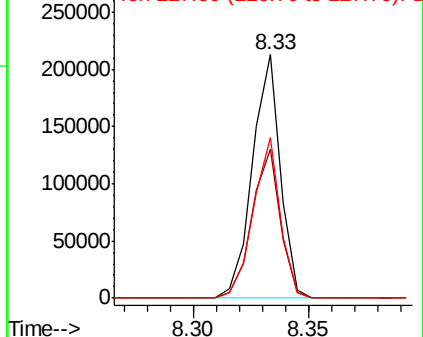


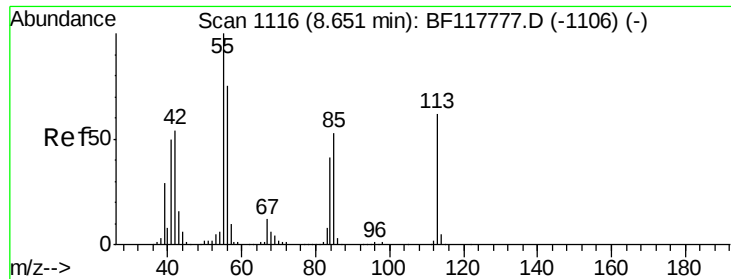
#34
Hexachlorobutadiene
Concen: 33.448 ng
RT: 8.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.2	50.0	75.0		
227	65.8	51.8	77.6		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





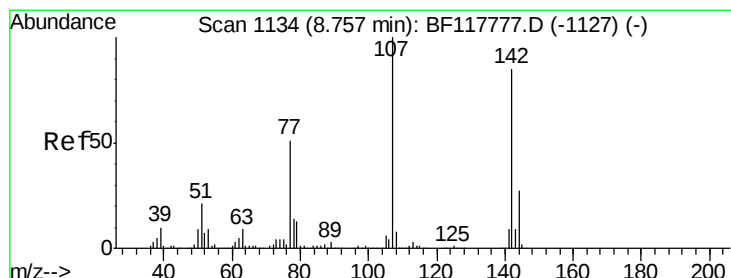
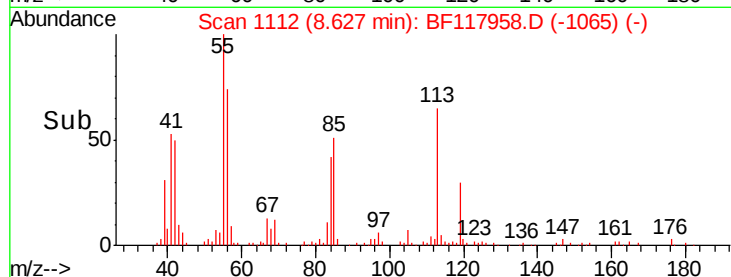
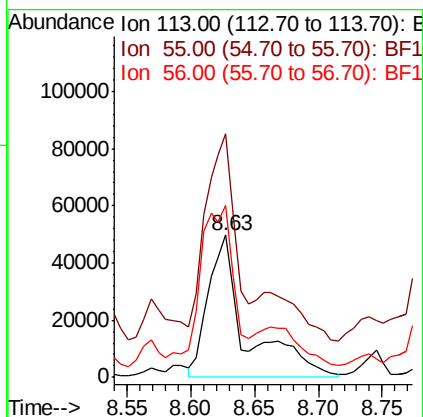
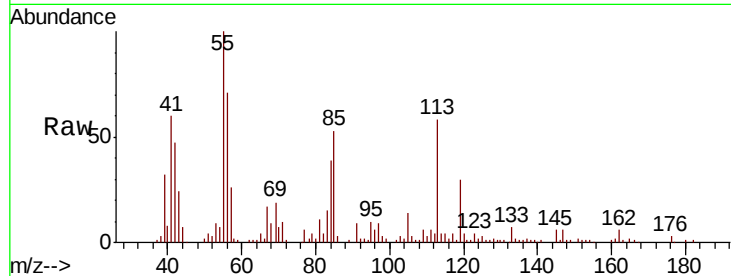
#35
Caprolactam
Concen: 41.309 ng/ml
RT: 8.63 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	171.3	141.1	181.1
56	120.9	100.5	140.5

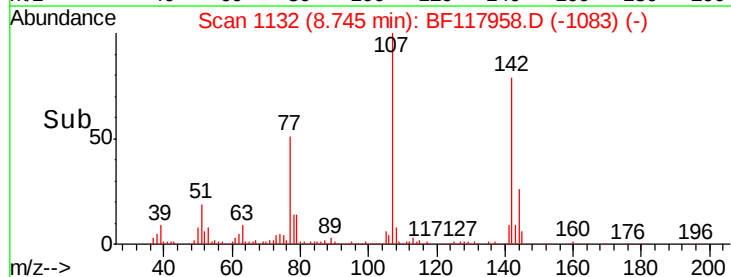
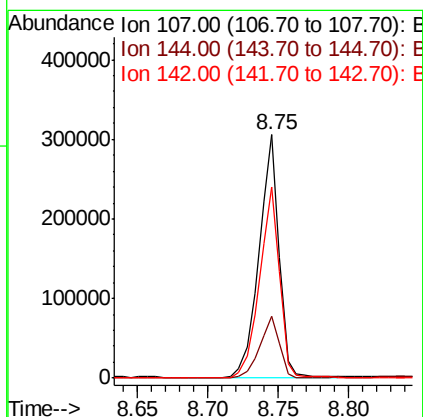
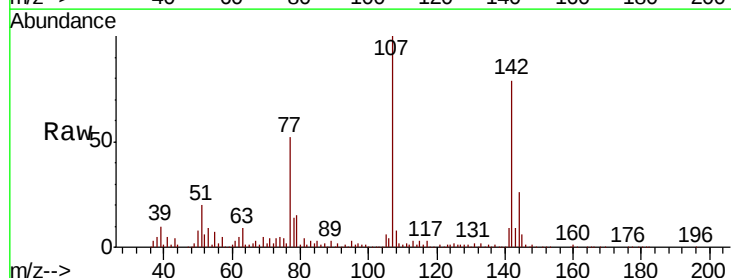
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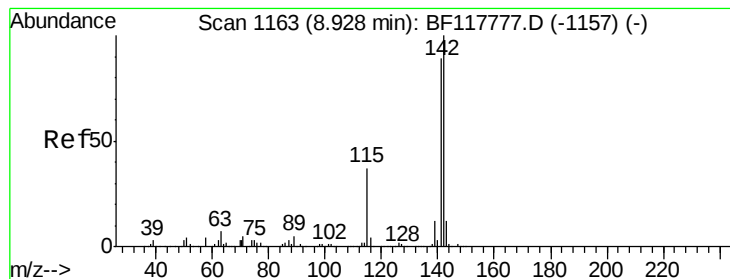
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#36
4-Chloro-3-methylphenol
Concen: 37.970 ng/ml
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	21.9	32.9
142	78.6	67.7	101.5





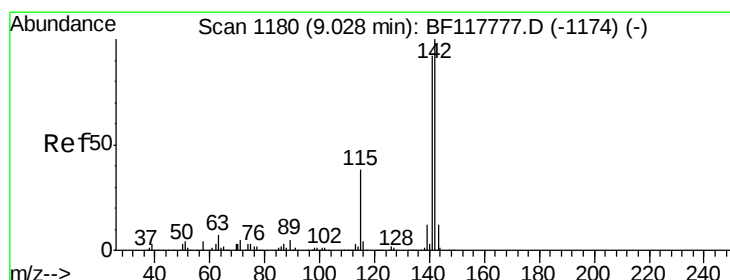
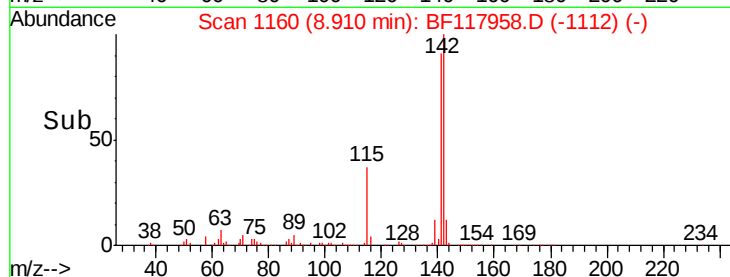
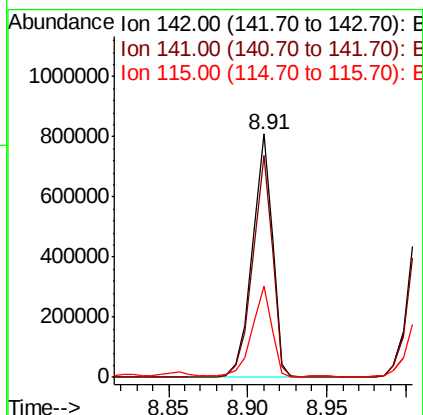
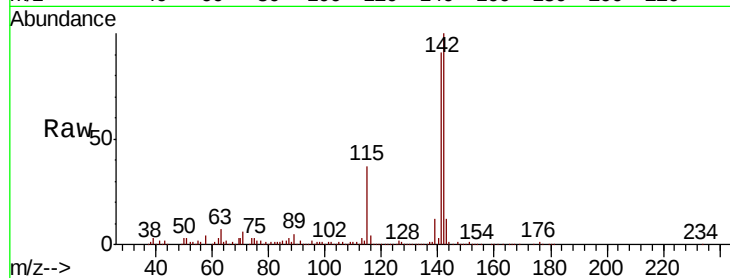
#37
2-Methylnaphthalene
Concen: 40.470 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.1	106.7
115	37.3	29.2	43.8

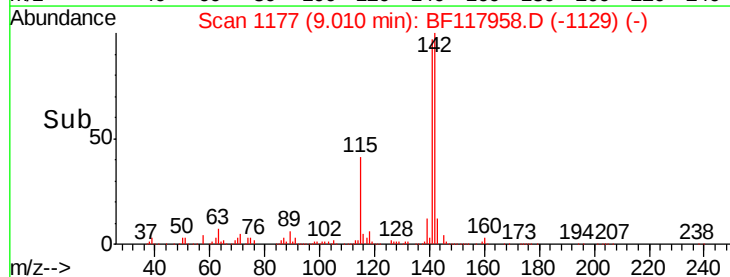
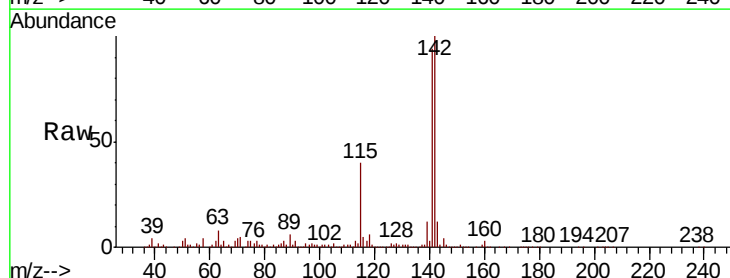
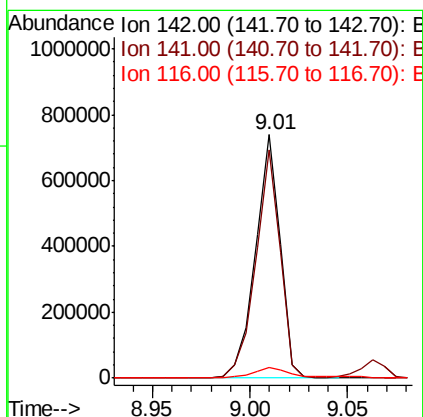
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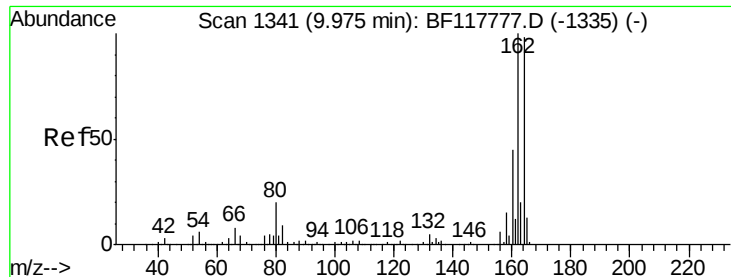
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#38
1-Methylnaphthalene
Concen: 38.723 ng
RT: 9.01 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	73.5	110.3
116	4.6	3.2	4.8





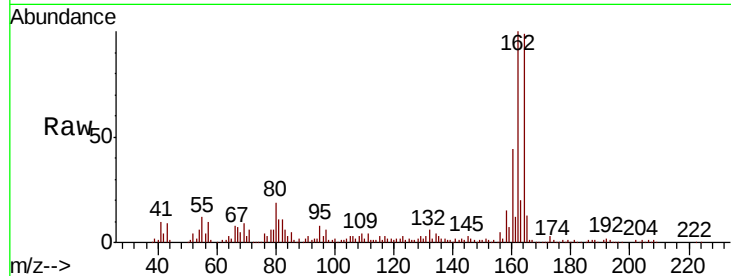
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.0	81.3	121.9	
160	44.6	36.6	55.0	

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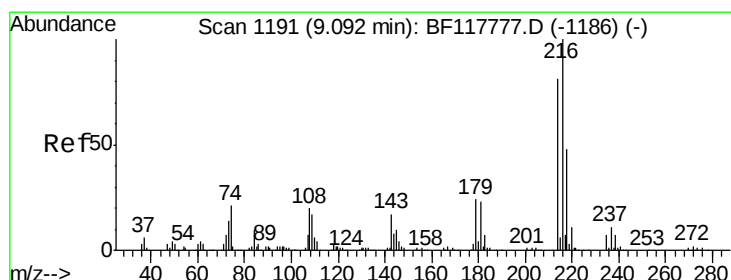
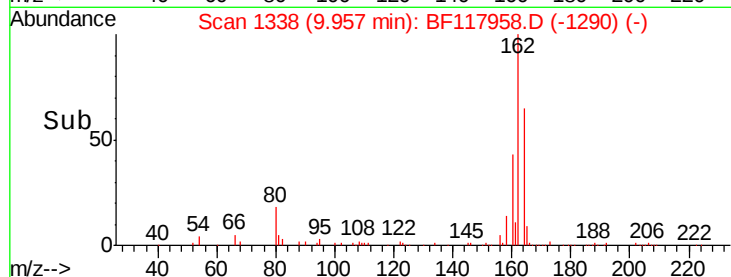
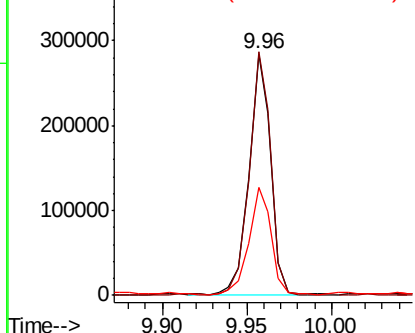


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.141 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	77.1	63.4	95.0	
179	23.3	18.2	27.4	
108	21.8	16.0	24.0	

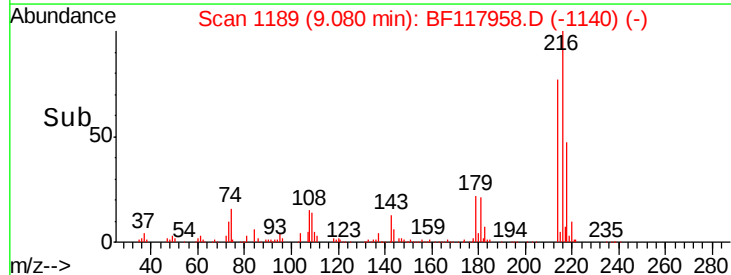
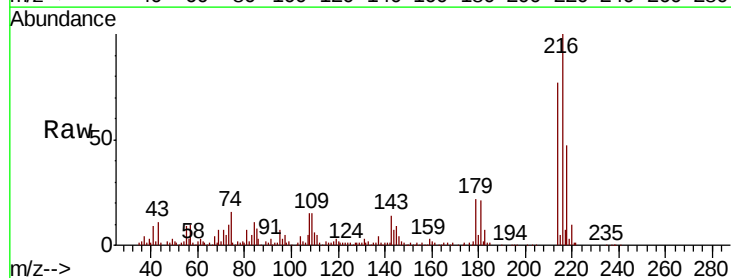
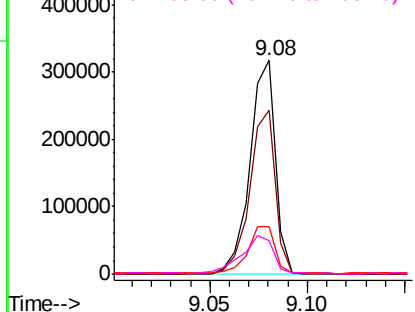
Abundance

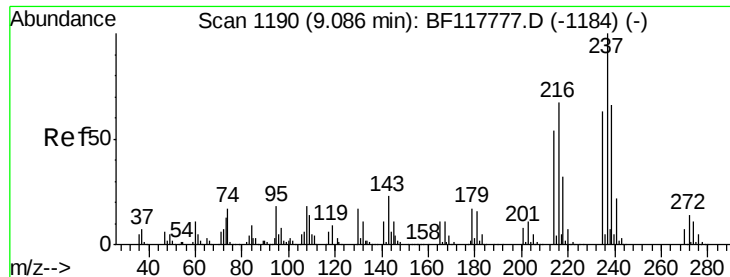
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 89.201 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

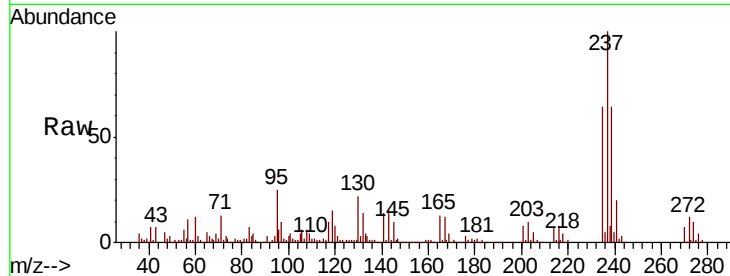
ClientSampleId :

25441-26560MS

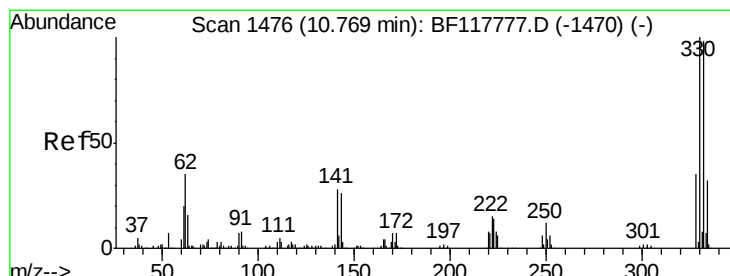
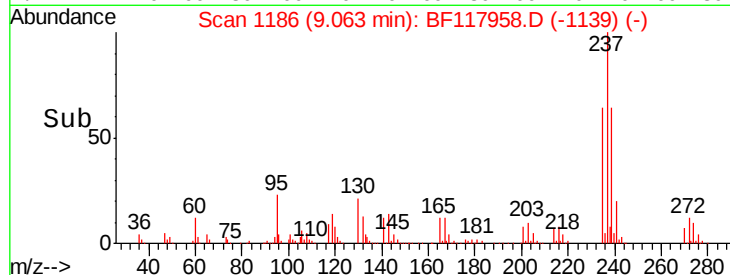
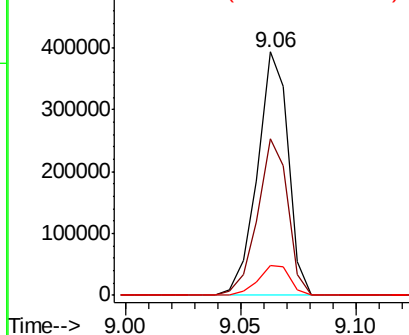
Tot Ion:	237	Resp:	365762
Ion Ratio	Lower	Upper	
237	100		
235	64.5	42.6	82.6
272	12.3	0.0	34.3

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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: 114.874 ng

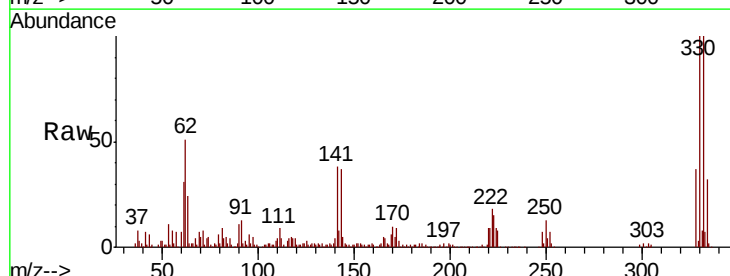
RT: 10.75 min Scan# 1473

Delta R.T. -0.02 min

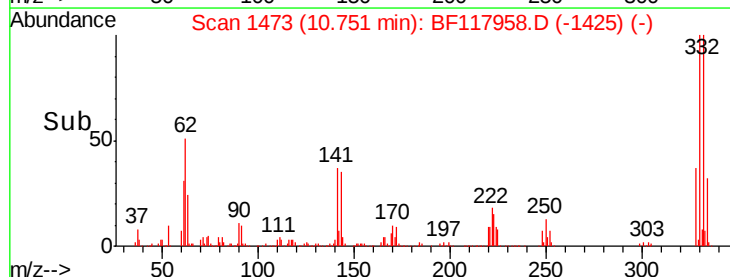
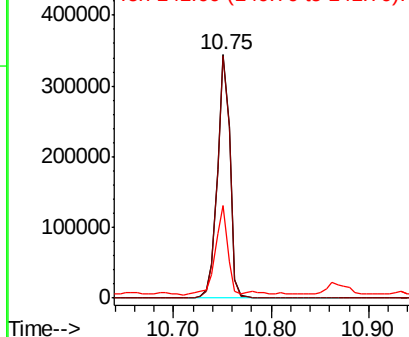
Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Tgt Ion:	330	Resp:	306413
Ion Ratio	Lower	Upper	
330	100		
332	99.3	76.7	115.1
141	36.0	27.7	41.5



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





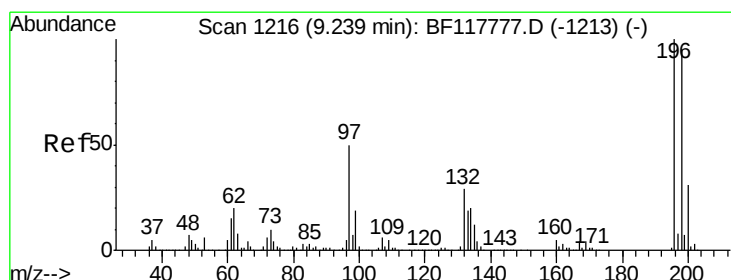
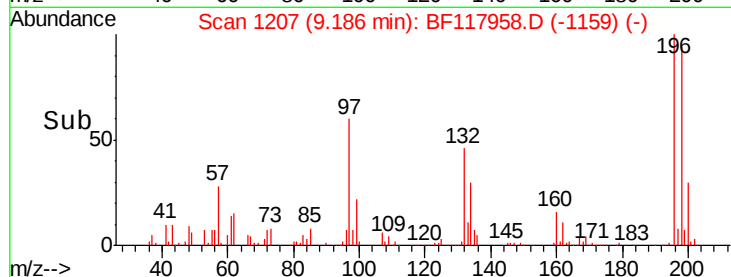
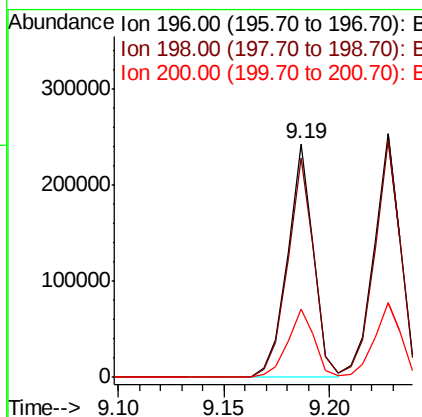
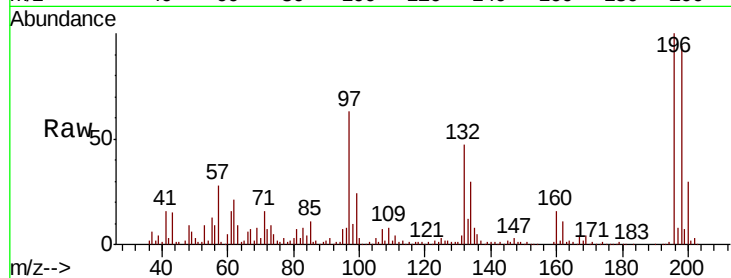
#43
 2,4,6-Trichlorophenol
 Concen: 39.666 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

Instrument :
 BNA_F
 ClientSampleId :
 25441-26560MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	207883		
198	93.8		77.8	116.6
200	29.5		25.4	38.0

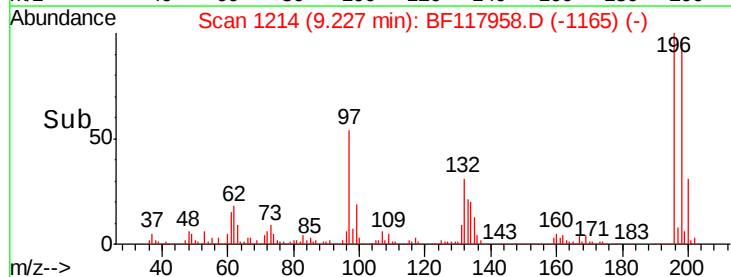
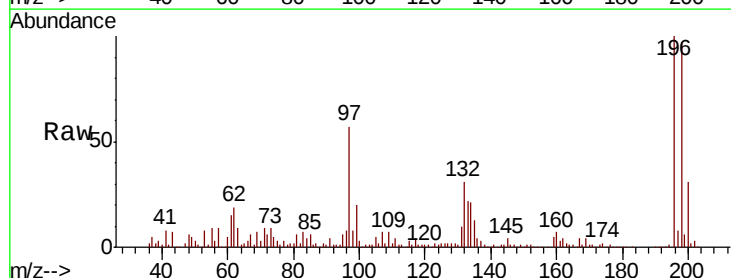
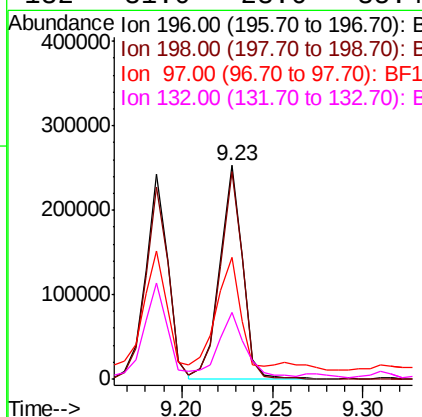
Manual Integrations
 APPROVED

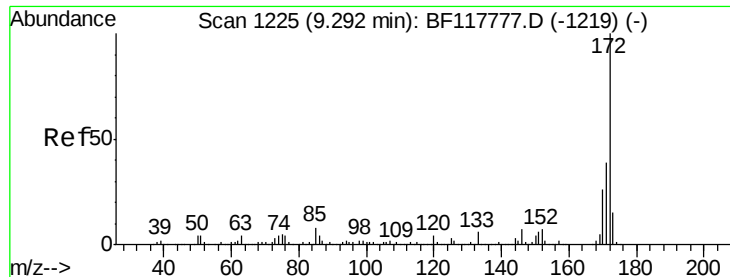
mohammad
 11/25/2019 2:32:11 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.432 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF117958.D
 Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	220006		
198	97.4		76.3	114.5
97	57.2		40.0	60.0
132	31.0		23.6	35.4





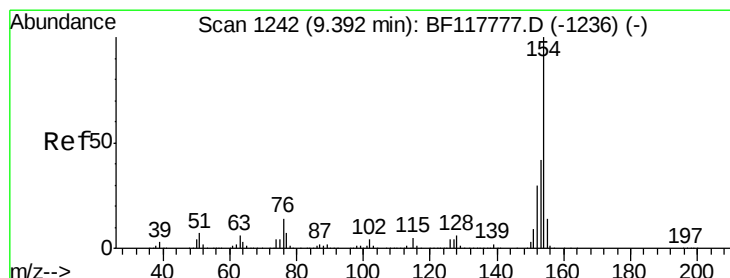
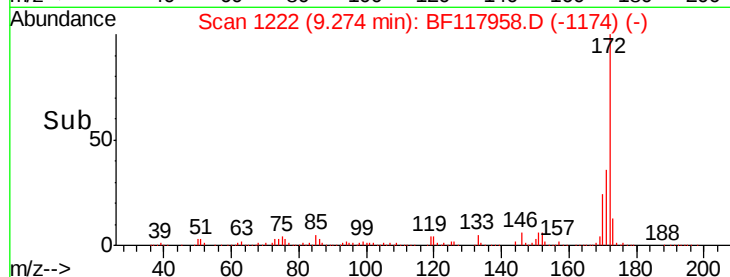
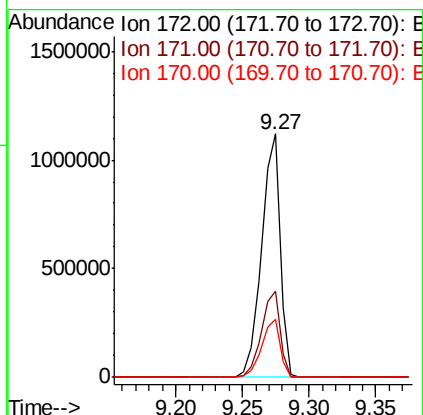
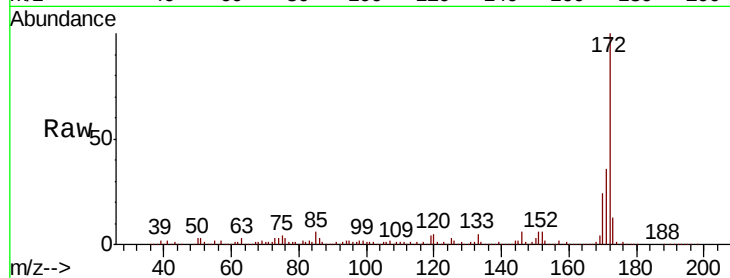
#45
2-Fluorobiphenyl
Concen: 75.909 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.9	46.3
170	23.7	21.0	31.4

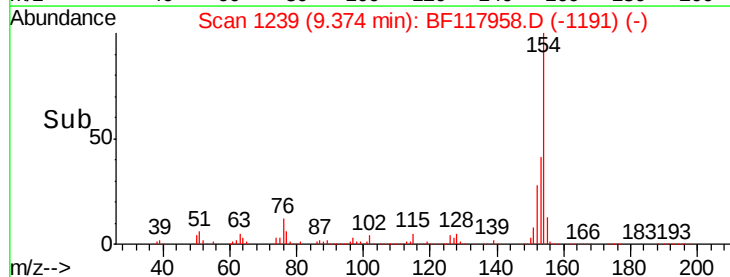
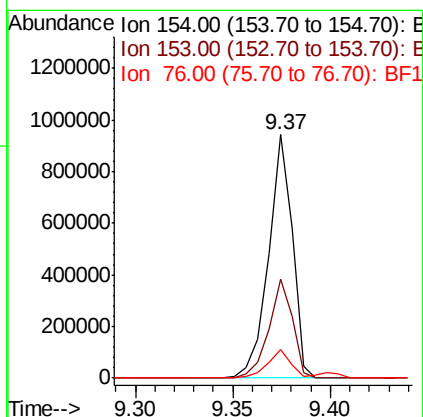
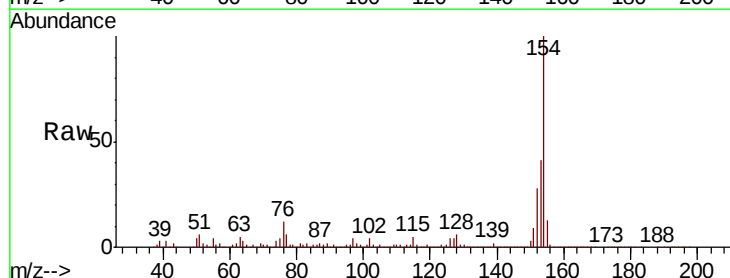
Manual Integrations
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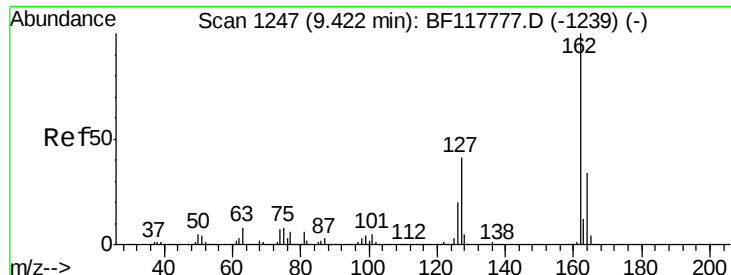
mohammad
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#46
1,1'-Biphenyl
Concen: 42.647 ng
RT: 9.37 min Scan# 1239
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.9	61.9
76	11.9	0.0	33.6





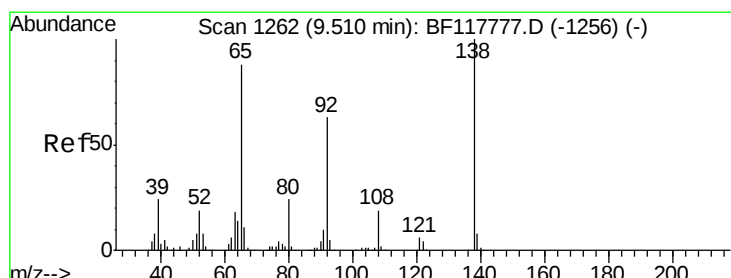
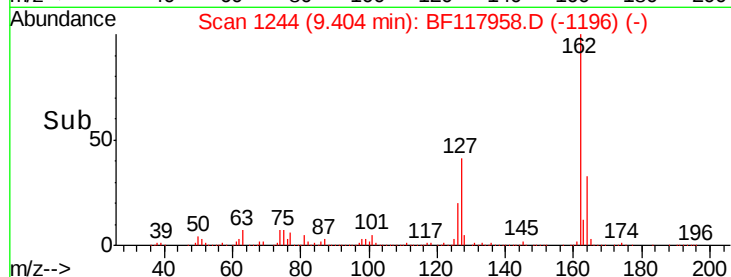
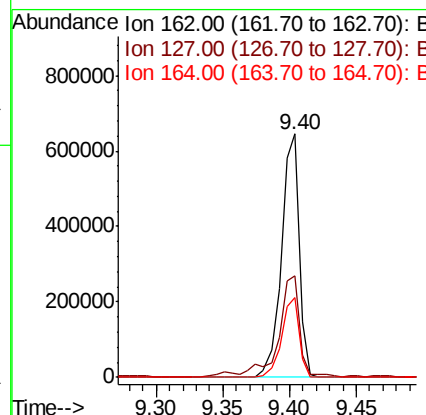
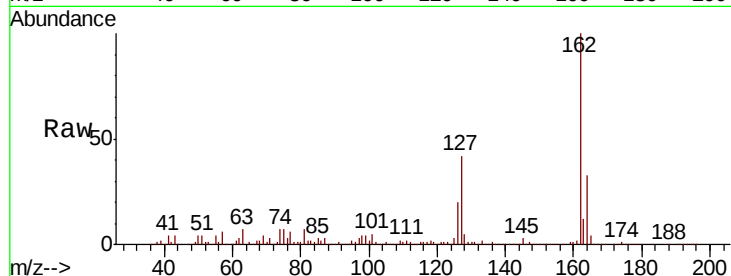
#47
2-Chloronaphthalene
Concen: 39.313 ng
RT: 9.40 min Scan# 1244
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.7	33.2	49.8	
164	33.0	27.3	40.9	

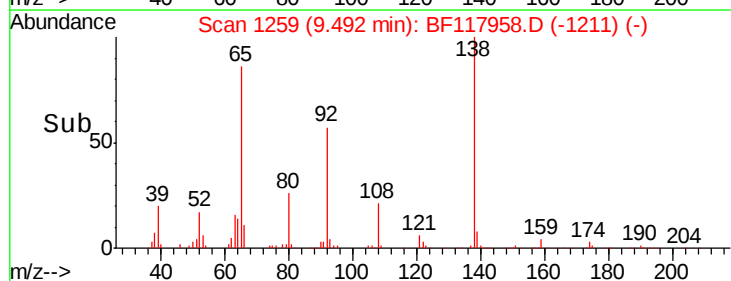
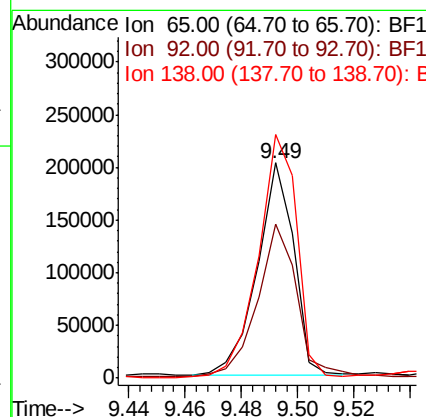
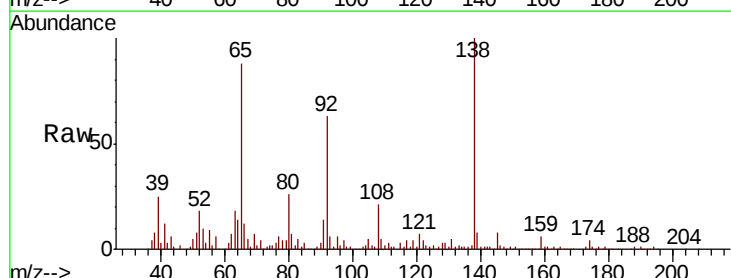
Manual Integrations
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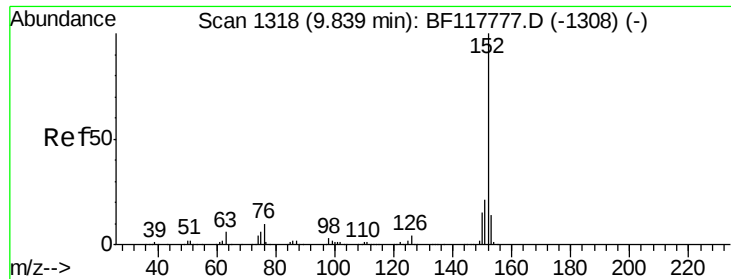
mohammad
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#48
2-Nitroaniline
Concen: 39.114 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	71.8	56.6	84.8	
138	113.3	90.5	135.7	





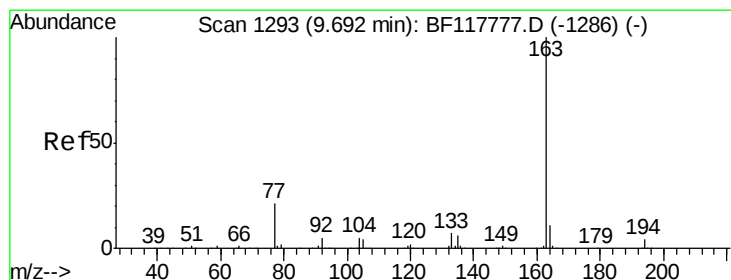
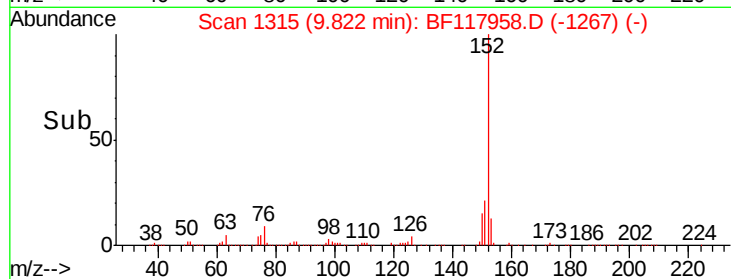
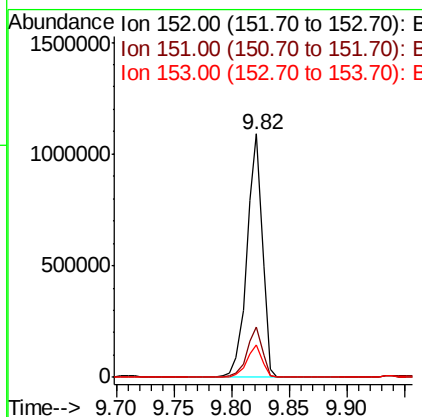
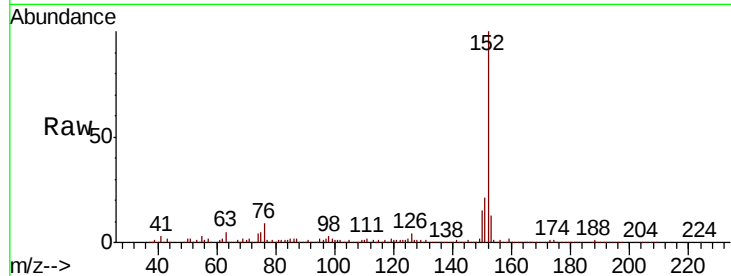
#49
Acenaphthylene
Concen: 44.596 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	13.4	11.0	16.6

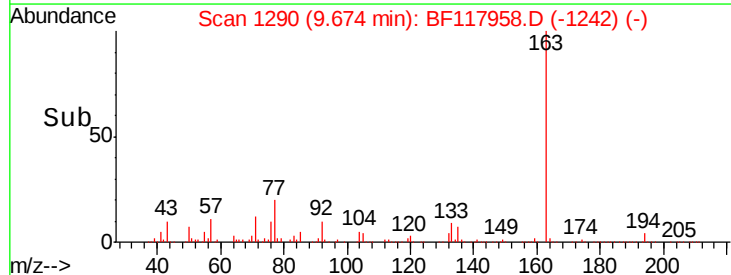
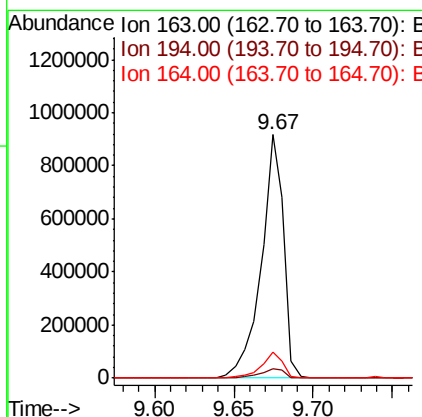
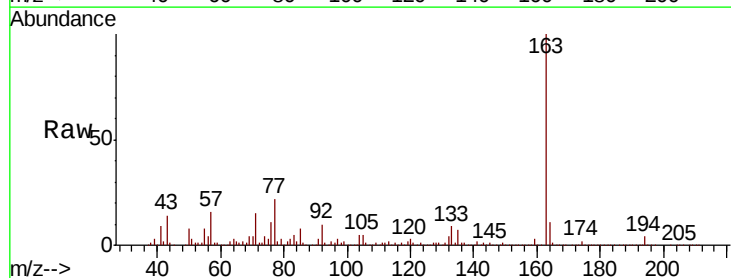
Manual Integrations
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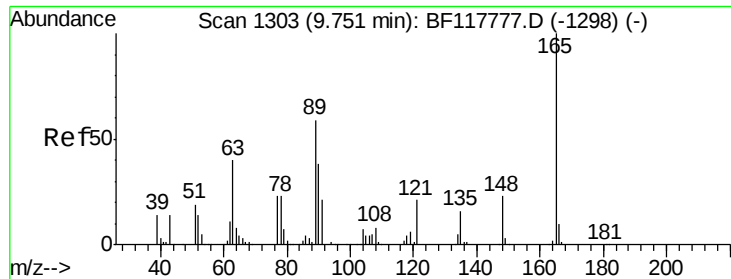
mohammad
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#50
Dimethylphthalate
Concen: 50.602 ng
RT: 9.67 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.5	8.7	13.1





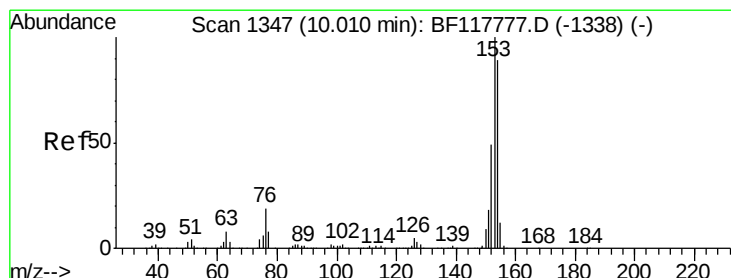
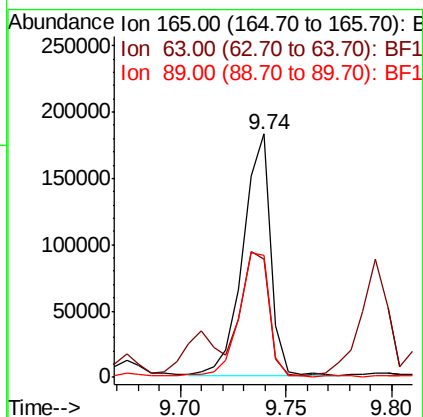
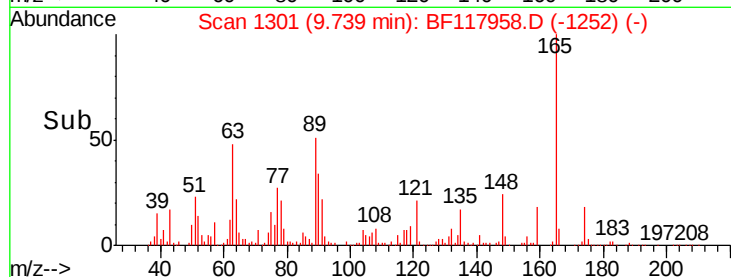
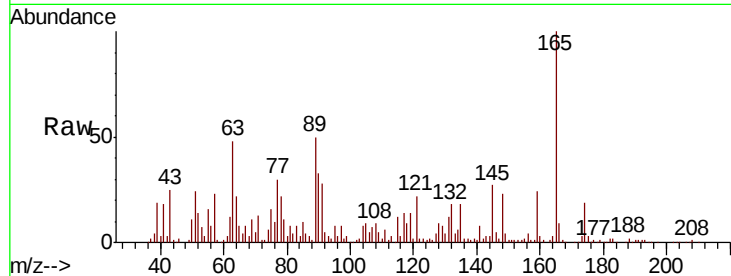
#51
2,6-Dinitrotoluene
Concen: 42.453 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	163927		
63	48.3	46.0	69.0	
89	50.1	47.7	71.5	

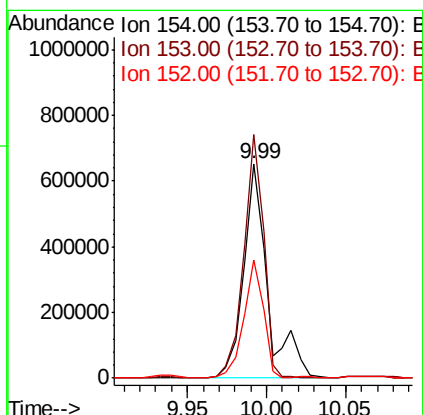
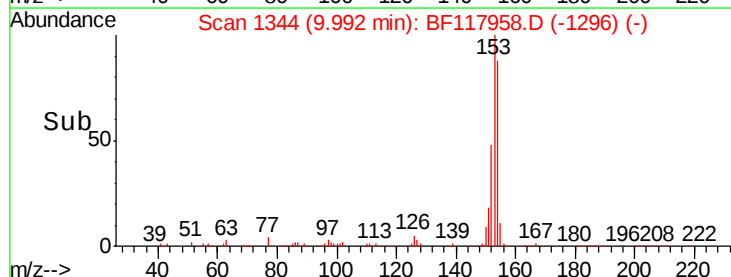
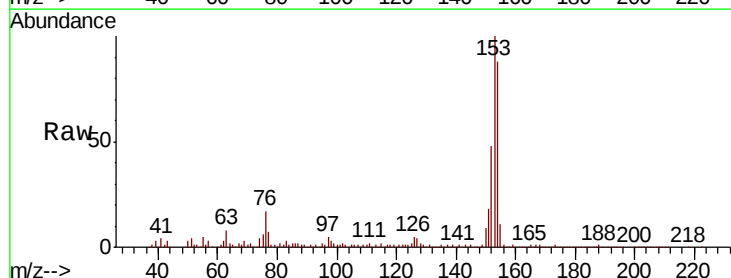
Manual Integrations
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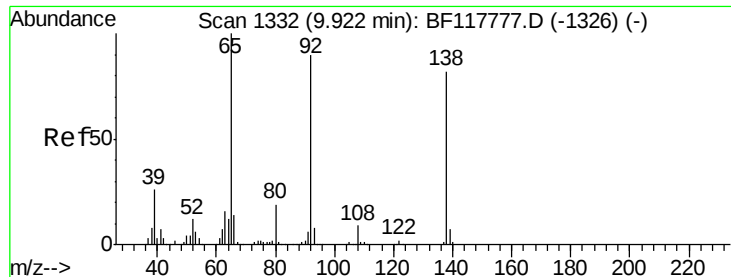
mohammad
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#52
Acenaphthene
Concen: 47.212 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	678048		
153	113.4	90.1	135.1	
152	55.0	44.0	66.0	





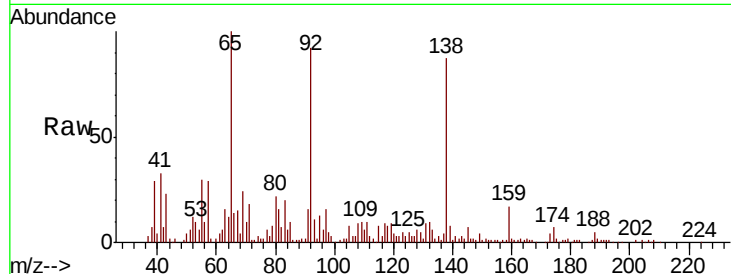
#53
3-Nitroaniline
Concen: 17.867 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

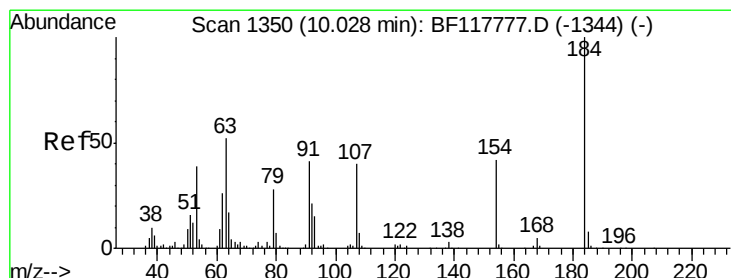
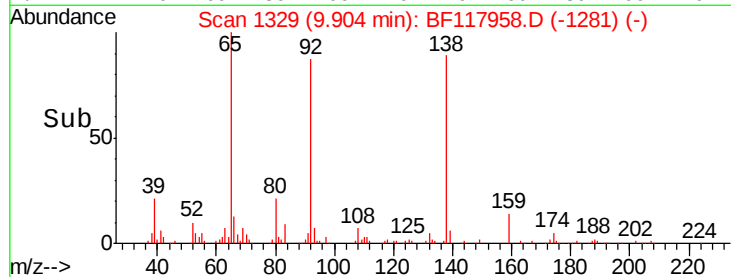
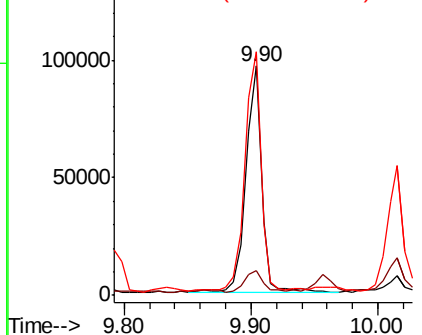
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.6	12.8
92	106.3	87.9	131.9

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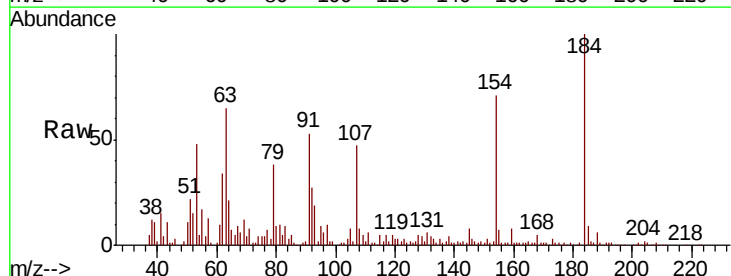


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

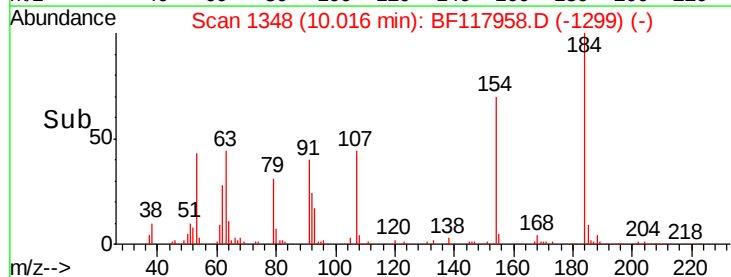
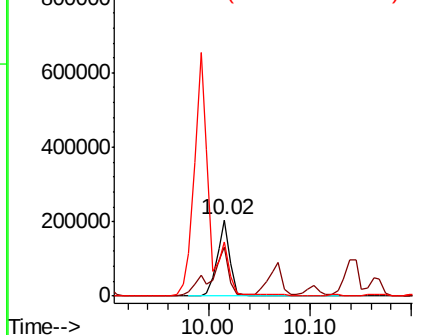


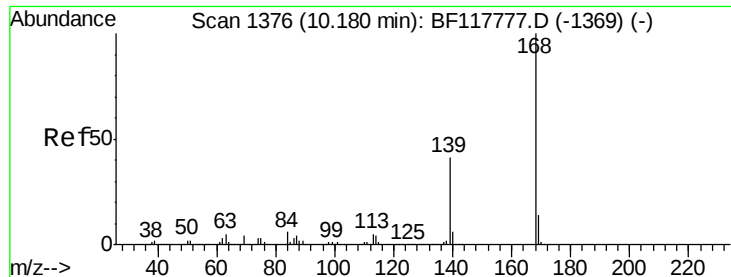
#54
2,4-Dinitrophenol
Concen: 89.111 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.2	43.0	64.6#
154	71.3	48.0	72.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





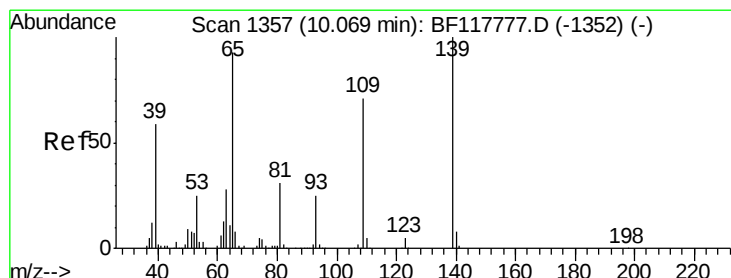
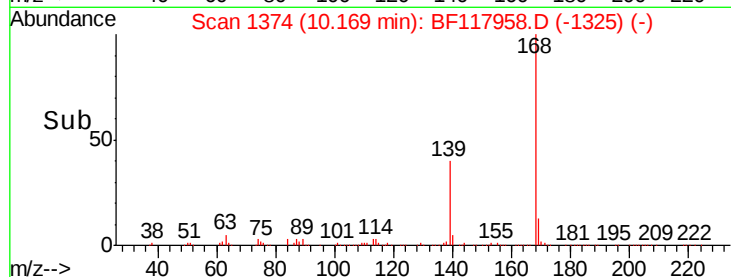
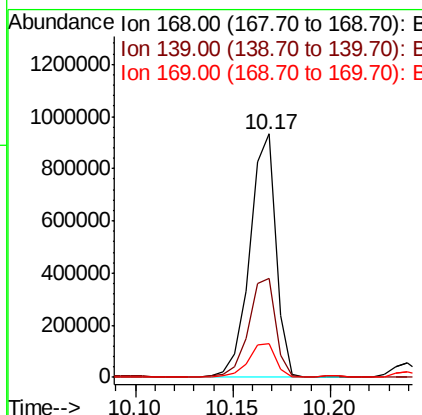
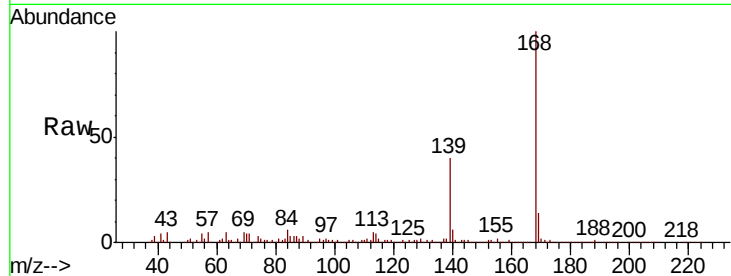
#55
Dibenzofuran
Concen: 43.485 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	33.0	49.6
169	13.7	11.5	17.3

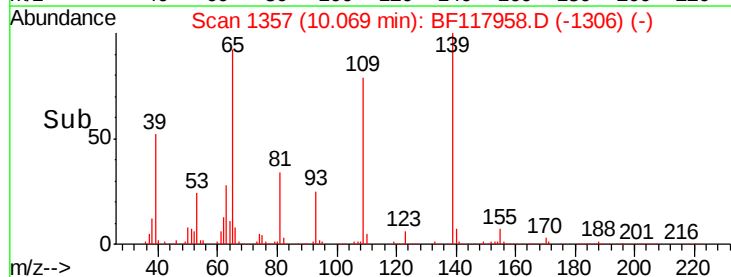
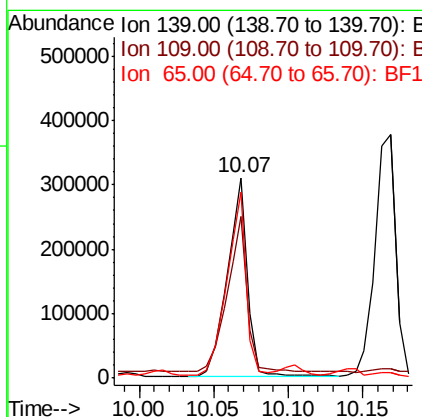
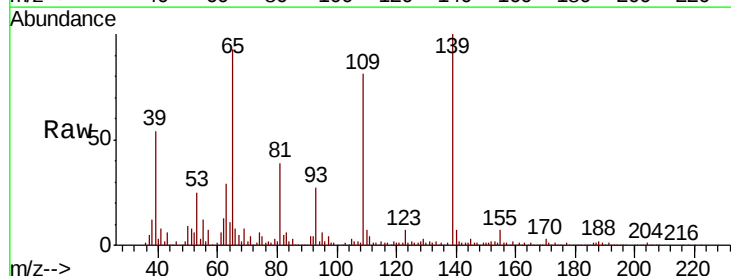
Manual Integrations
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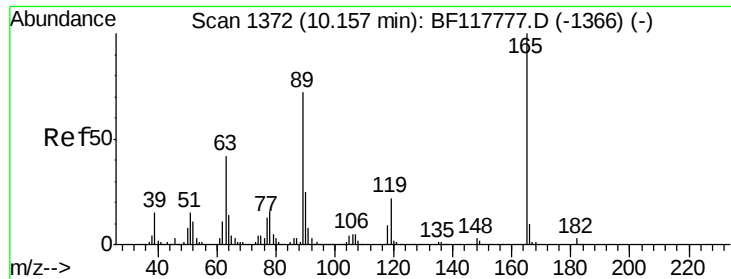
mohammad
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#56
4-Nitrophenol
Concen: 86.100 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.00 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.9	50.8	90.8
65	93.2	73.6	113.6





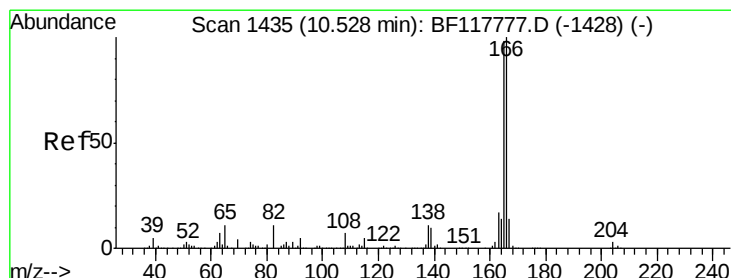
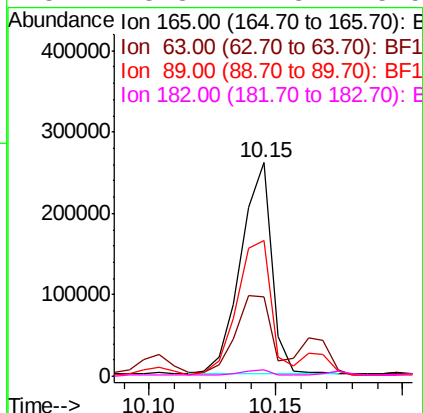
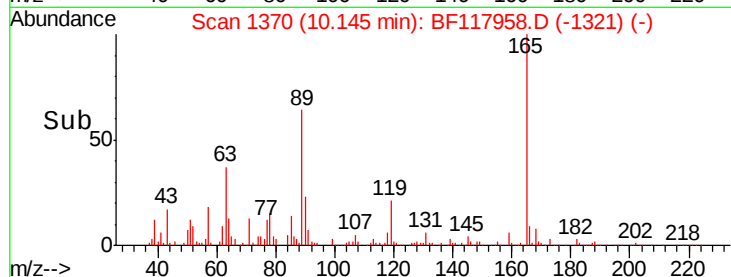
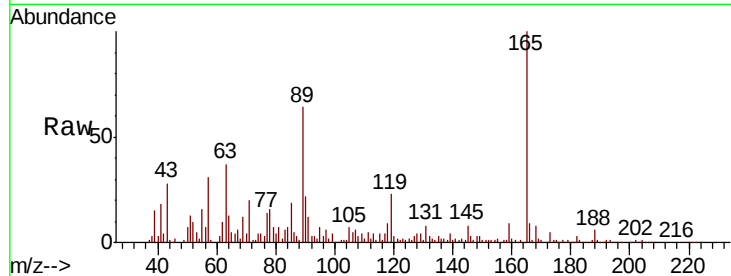
#57
2,4-Dinitrotoluene
Concen: 45.157 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	221810		
63	37.4	33.7	50.5	
89	63.7	57.3	85.9	
182	3.3	2.3	3.5	

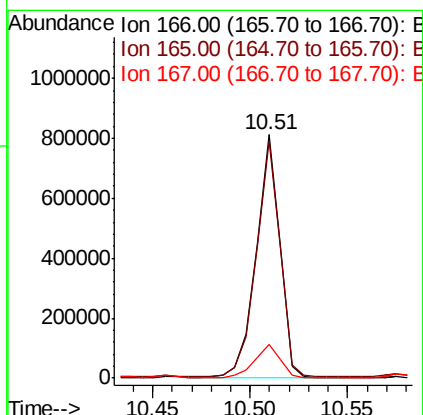
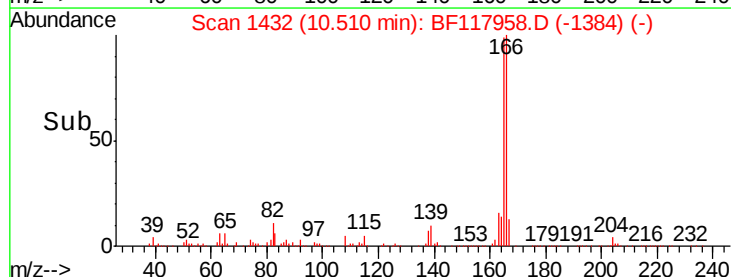
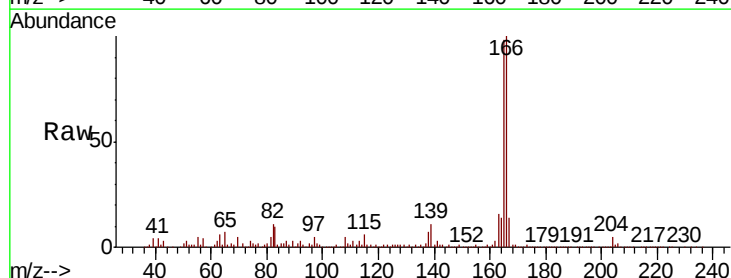
Manual Integrations
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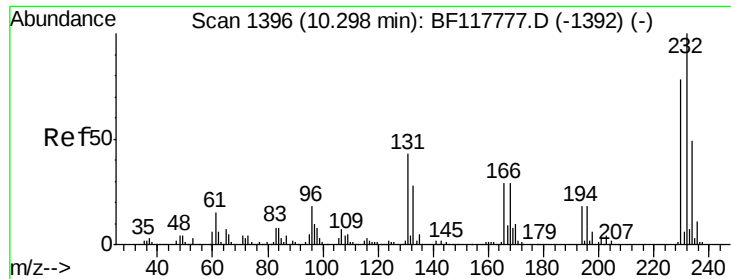
mohammad
11/25/2019 2:32:11 PM



#58
Fluorene
Concen: 44.206 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	681281		
165	97.6	78.4	117.6	
167	13.7	11.0	16.4	





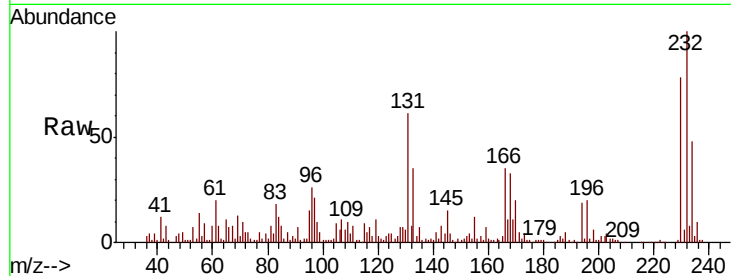
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.082 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	188145		
131	58.8	37.6	56.4#	
130	6.3	1.9	2.9#	
166	32.1	24.2	36.4	

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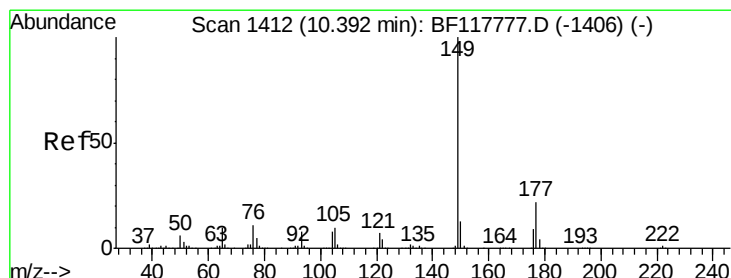
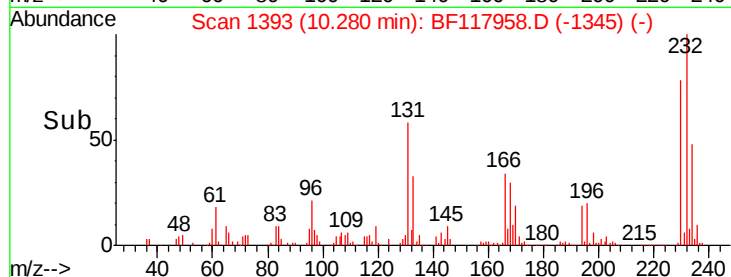
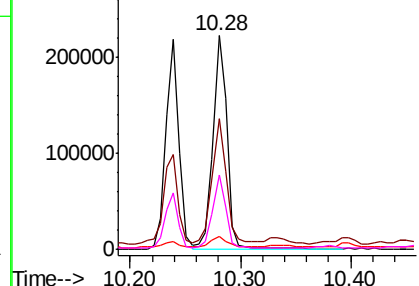
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

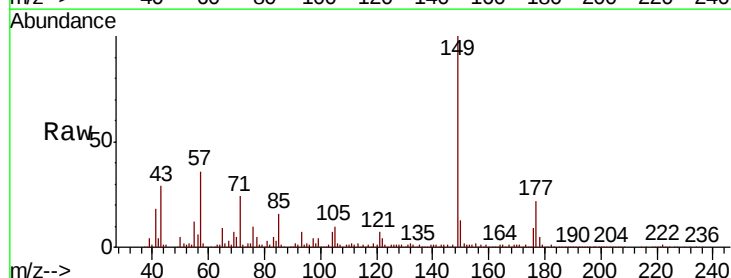
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 41.479 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	714477		
177	22.4	18.0	27.0	
150	12.8	10.5	15.7	

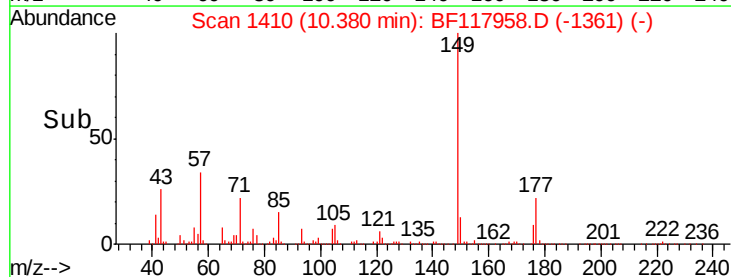
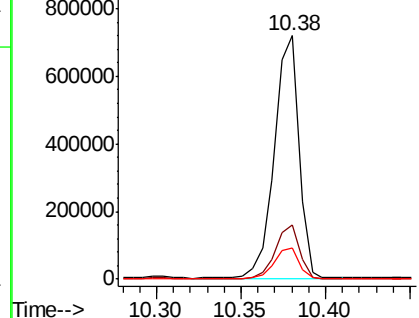


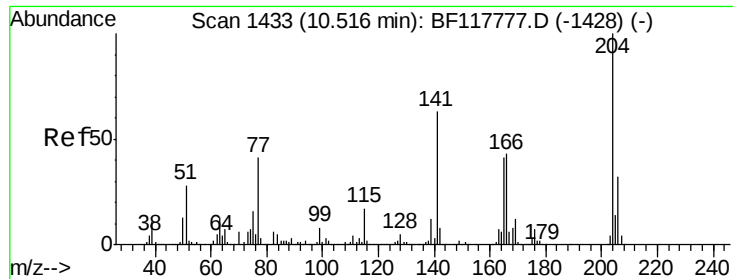
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





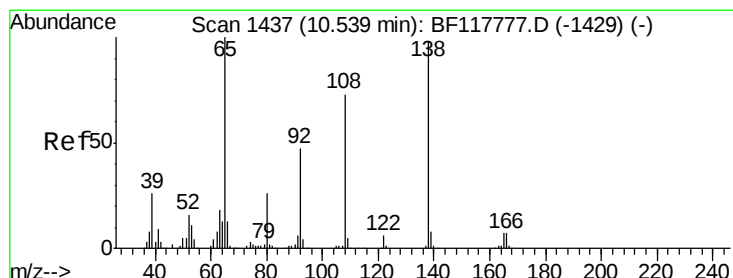
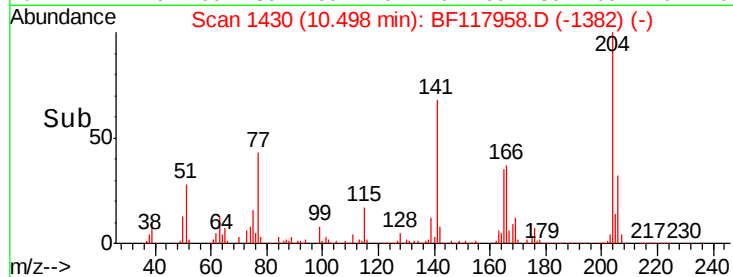
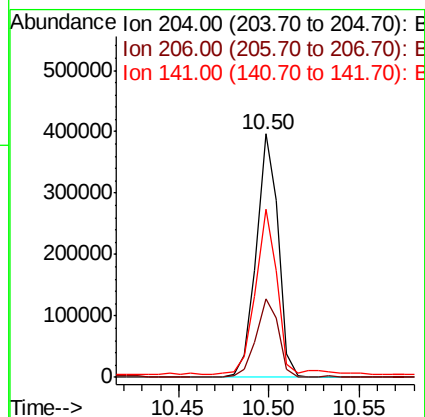
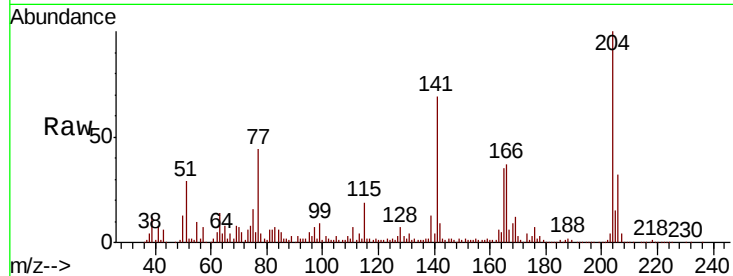
#61
4-Chlorophenyl-phenylether
Concen: 42.398 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	25.6	38.4
141	69.0	50.7	76.1

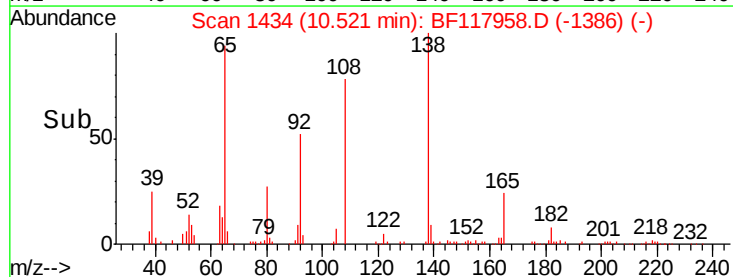
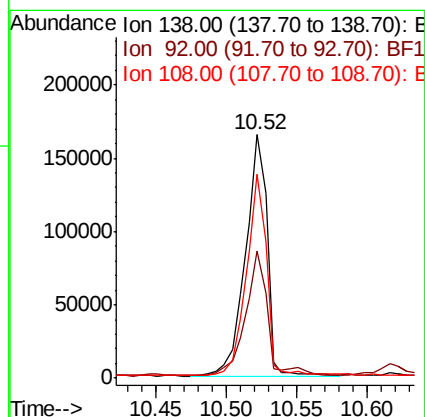
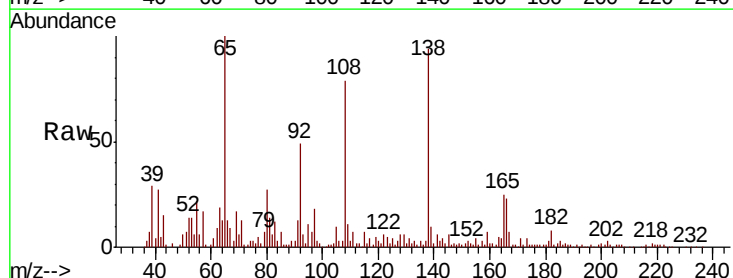
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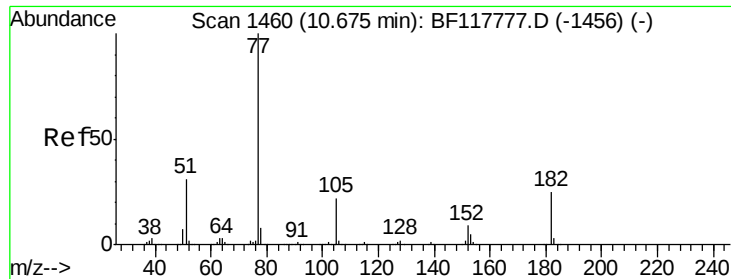
mohammad
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#62
4-Nitroaniline
Concen: 38.271 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	28.3	68.3
108	83.7	54.3	94.3





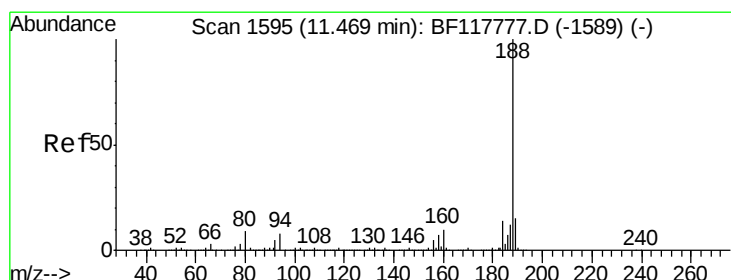
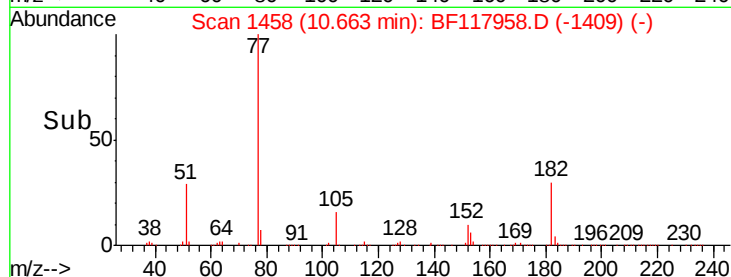
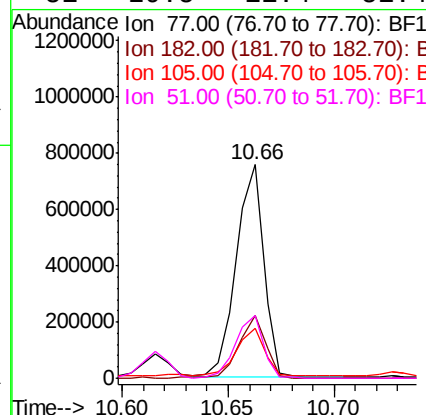
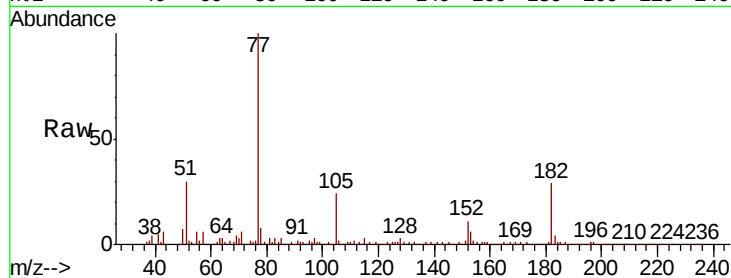
#63
Azobenzene
Concen: 43.144 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	4.8	44.8
105	23.7	2.1	42.1
51	29.5	11.4	51.4

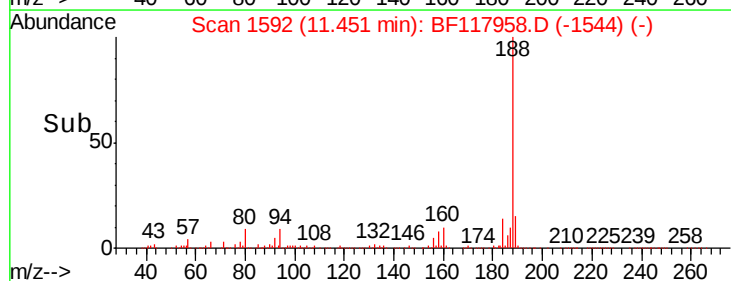
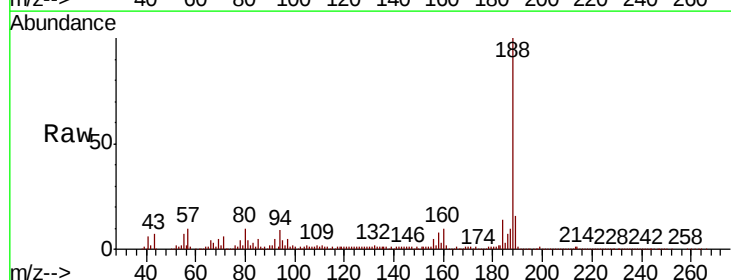
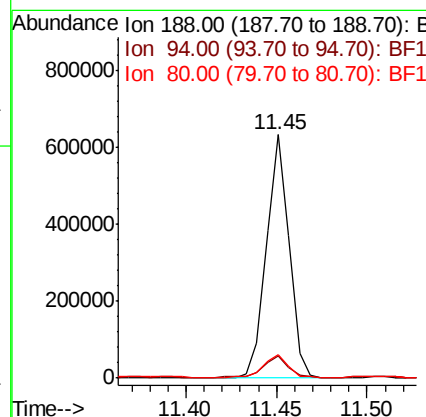
Manual Integrations
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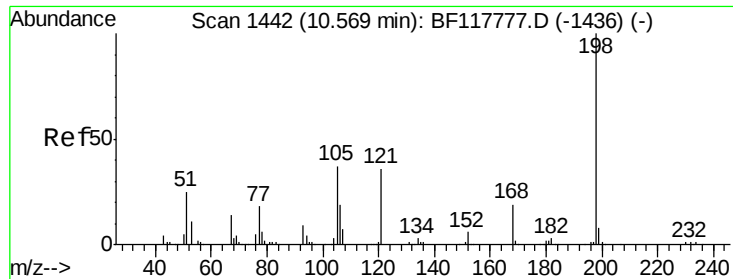
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.6	10.0
80	9.7	7.2	10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 47.929 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

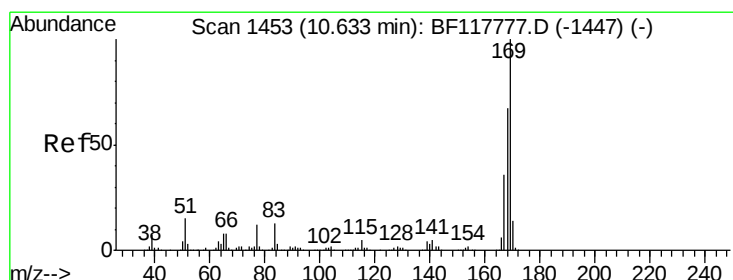
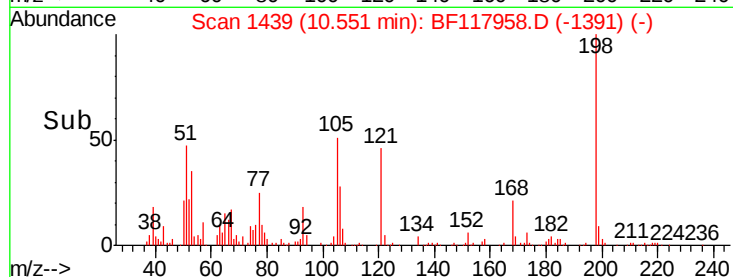
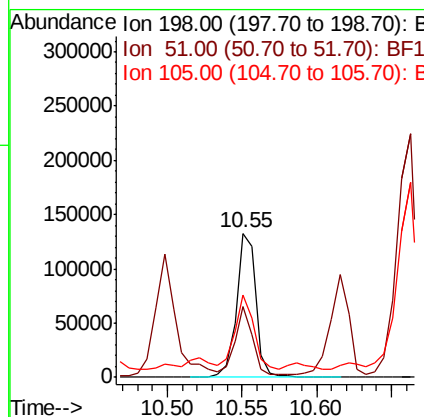
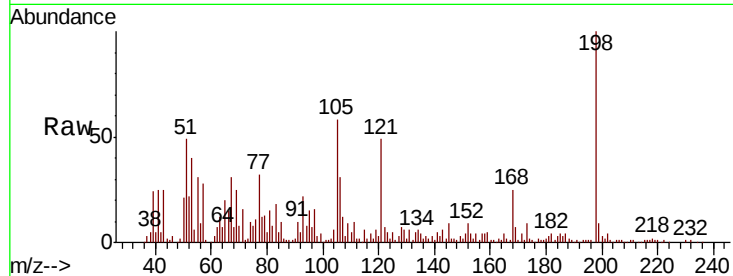
ClientSampleId :

25441-26560MS

Tot Ion:	198	Resp:	123162
Ion Ratio	Lower	Upper	
198	100		
51	49.2	16.0	56.0
105	57.6	19.1	59.1

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#66

n-Nitrosodiphenylamine

Concen: 38.997 ng

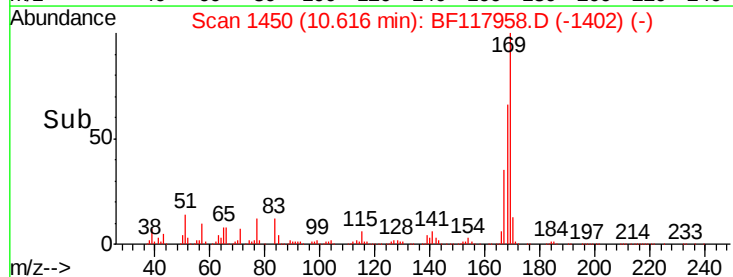
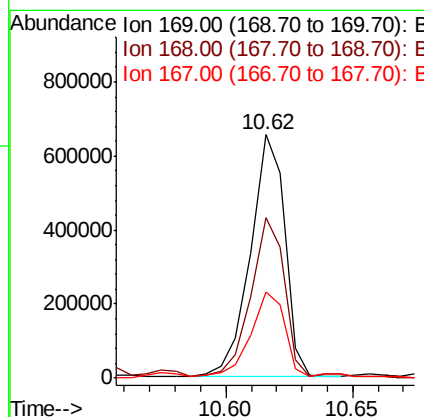
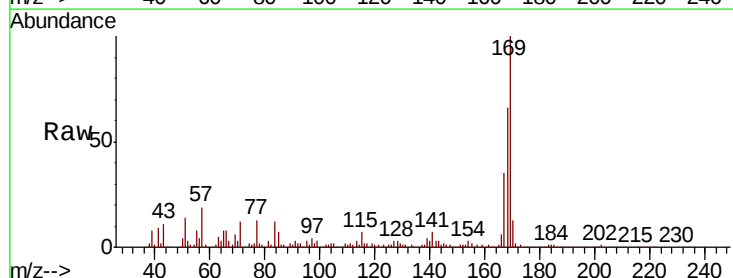
RT: 10.62 min Scan# 1450

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Tgt Ion:	169	Resp:	624723
Ion Ratio	Lower	Upper	
169	100		
168	66.1	53.5	80.3
167	35.3	29.0	43.4





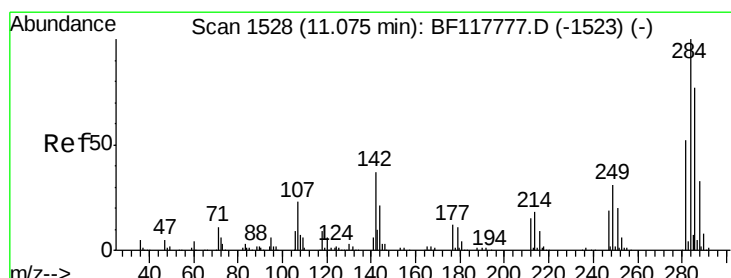
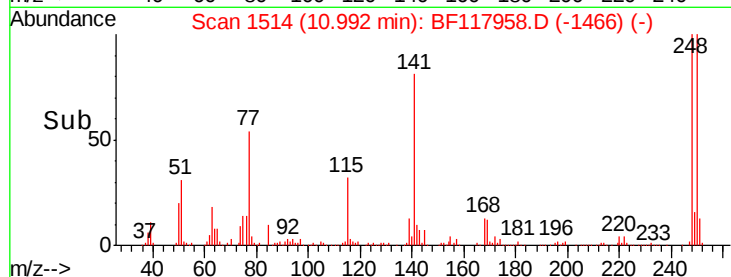
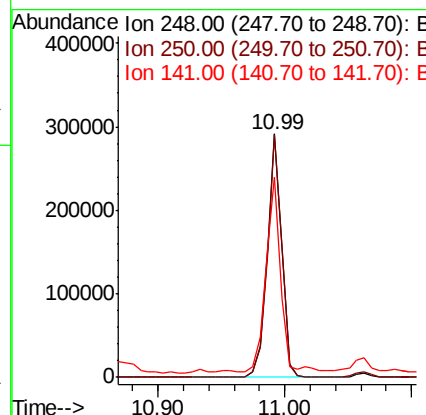
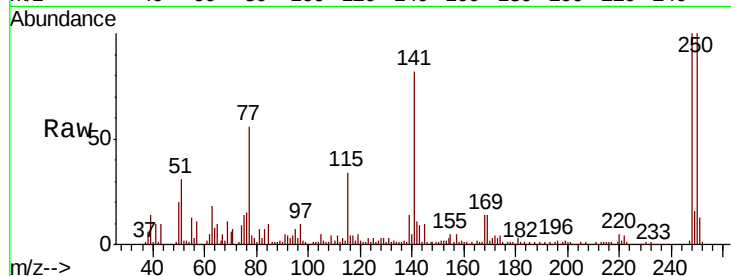
#67
4-Bromophenyl-phenylether
Concen: 39.820 ng
RT: 10.99 min Scan# 1514
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	236498		
250	99.8	76.6	115.0	
141	82.1	55.9	83.9	

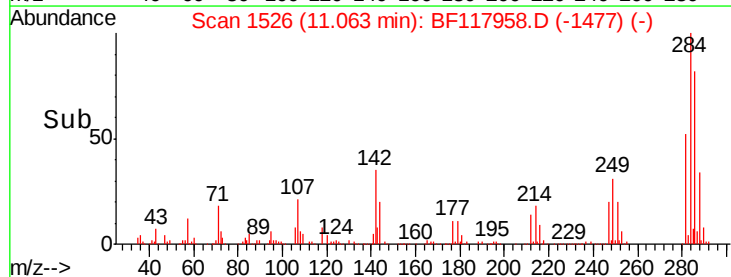
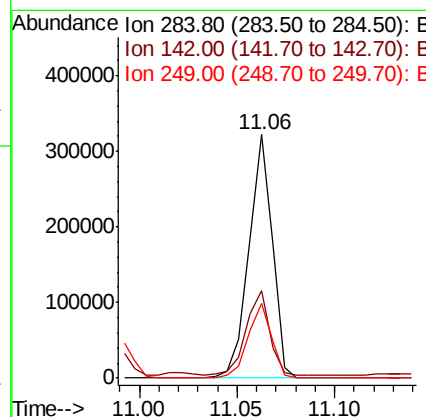
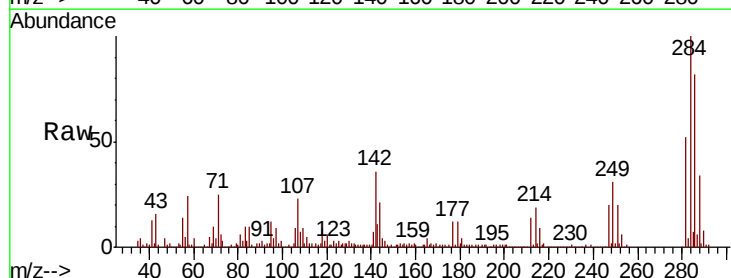
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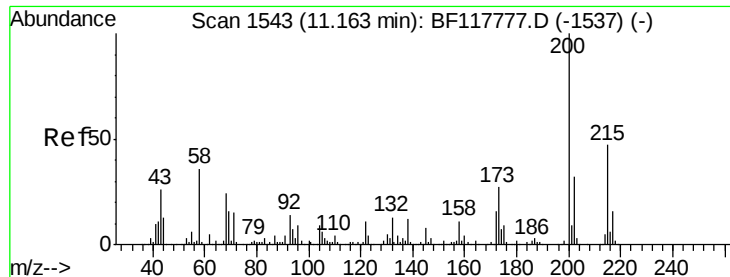
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#68
Hexachlorobenzene
Concen: 38.883 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	269280		
142	35.8	29.4	44.2	
249	30.6	24.6	37.0	





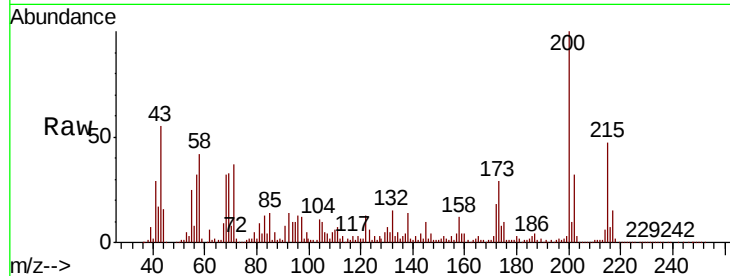
#69
Atrazine
Concen: 48.584 ng
RT: 11.14 min Scan# 1540
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.4	6.7	46.7
215	46.5	27.5	67.5

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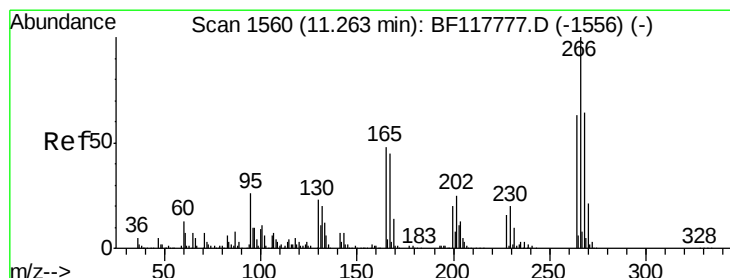
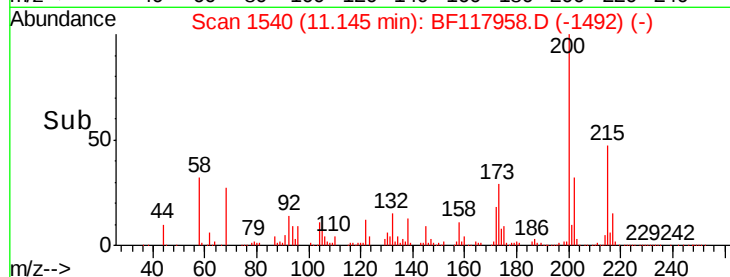
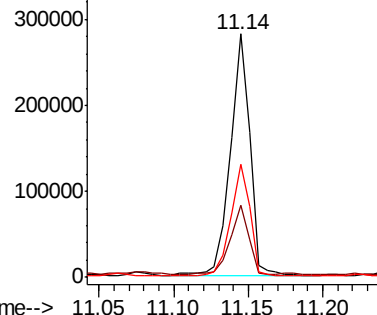


Abundance

Ion 200.00 (199.70 to 200.70): E

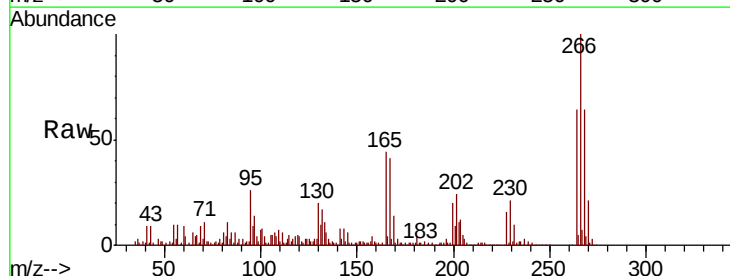
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 81.164 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.8	76.2
264	64.2	50.7	76.1

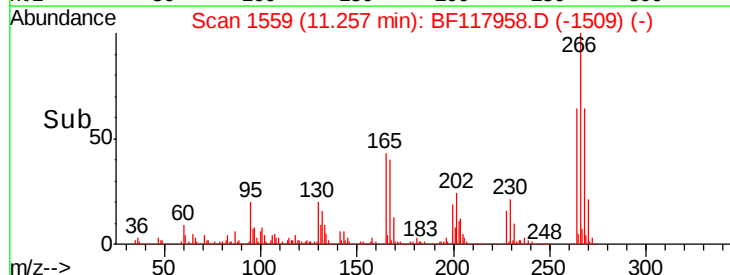
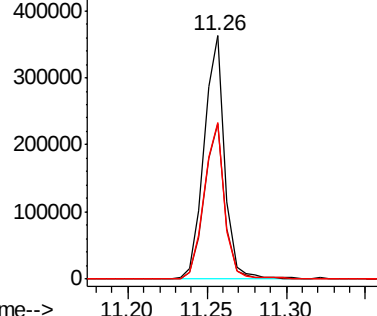


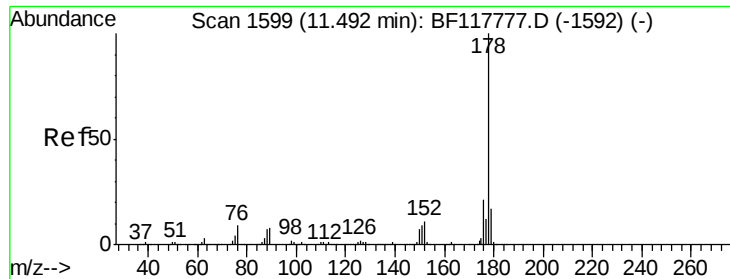
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





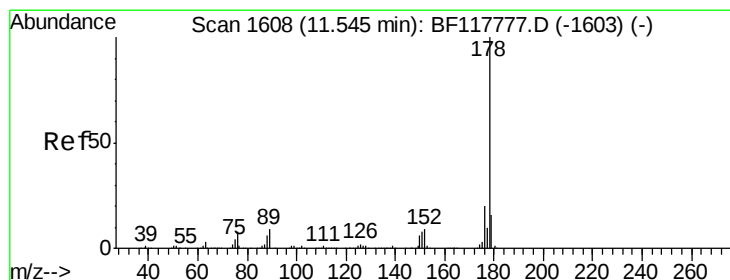
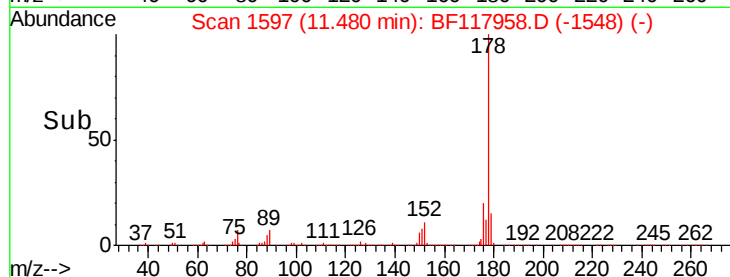
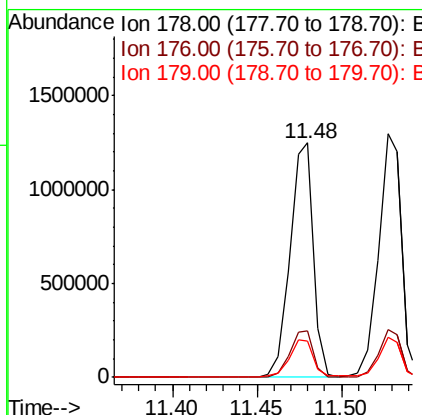
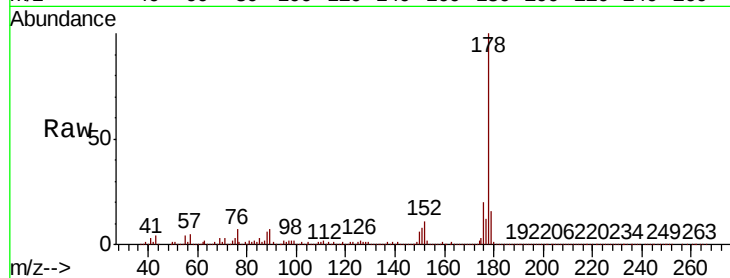
#71
Phenanthrene
Concen: 43.395 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.6	25.0
179	15.6	13.2	19.8

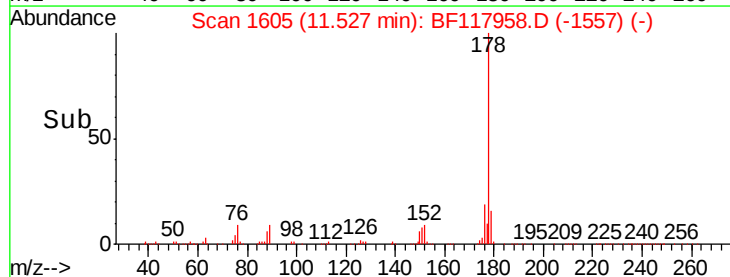
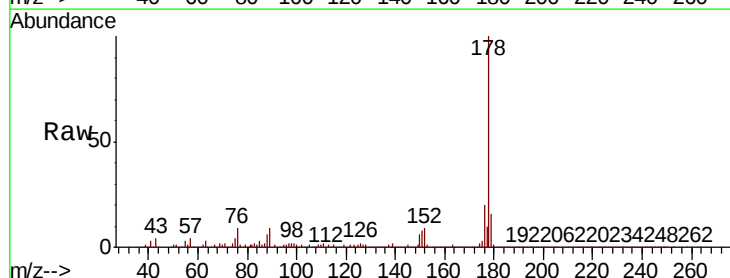
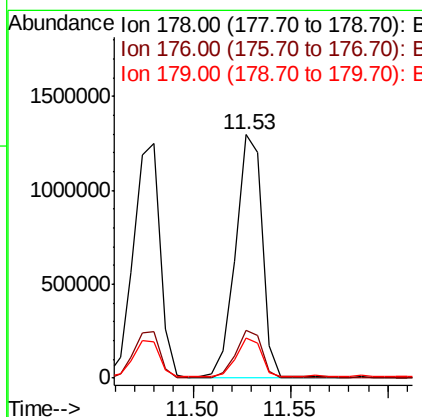
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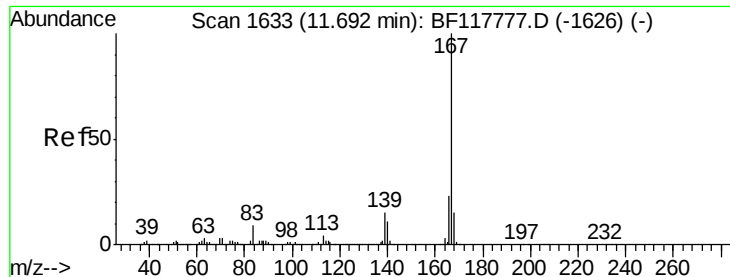
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#72
Anthracene
Concen: 44.587 ng
RT: 11.53 min Scan# 1605
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	16.1	24.1
179	16.4	13.0	19.4





#73

Carbazole

Concen: 47.283 ng

RT: 11.68 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

25441-26560MS

Tot Ion:167 Resp: 1133724

Ion Ratio Lower Upper

167 100

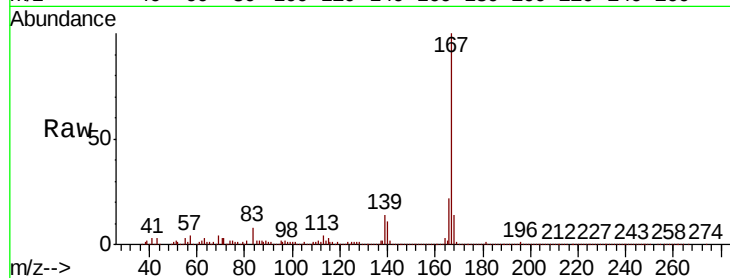
166 22.4 18.0 27.0

139 14.5 11.7 17.5

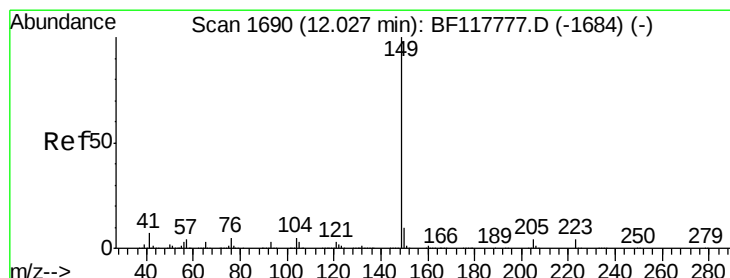
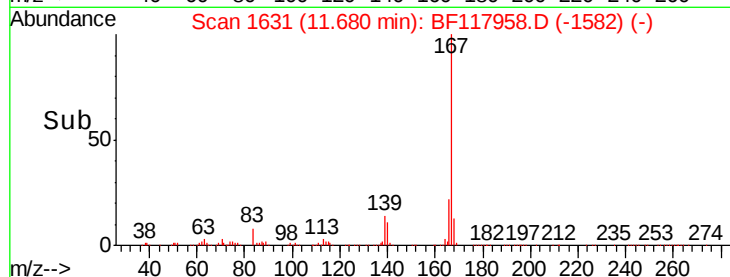
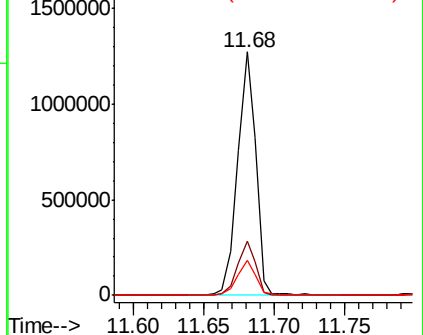
Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.965 ng

RT: 12.01 min Scan# 1687

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

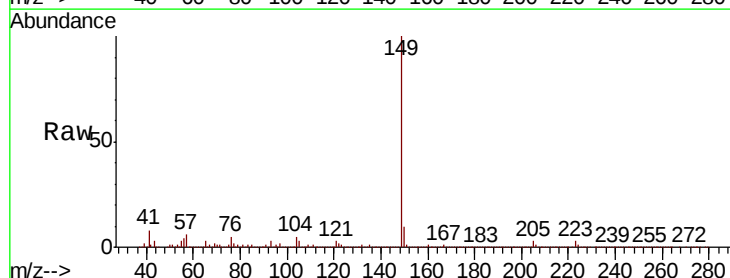
Tgt Ion:149 Resp: 1342392

Ion Ratio Lower Upper

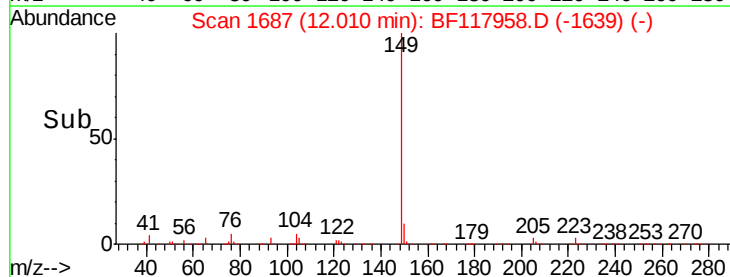
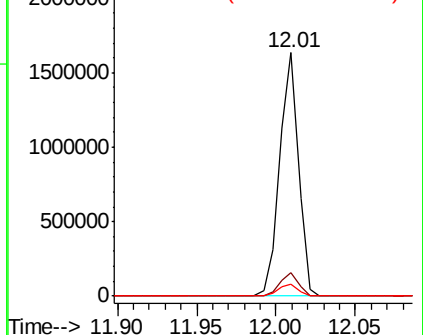
149 100

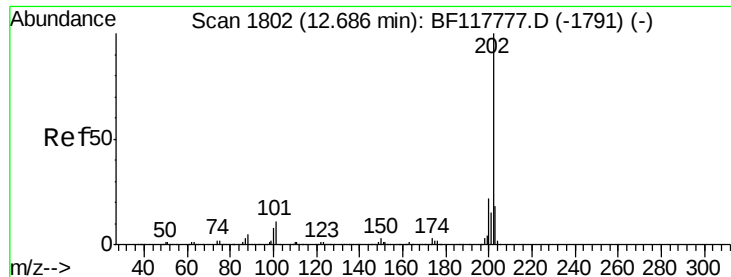
150 9.6 7.9 11.9

104 5.1 4.2 6.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.552 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

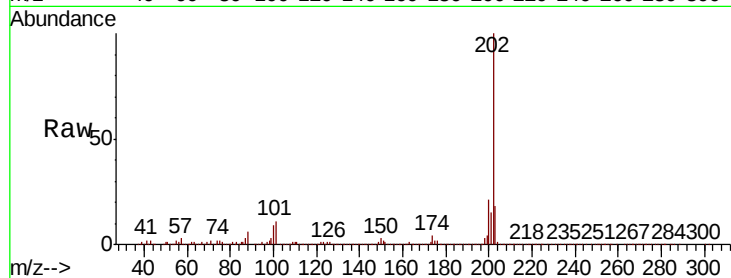
ClientSampleId :

25441-26560MS

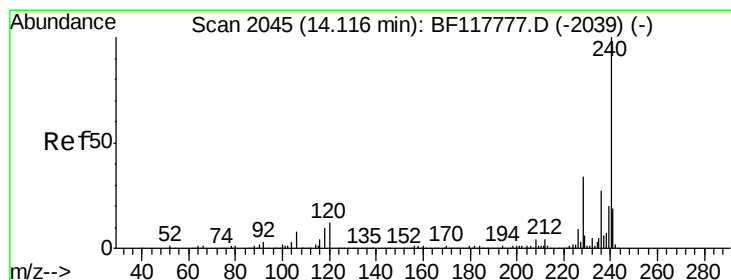
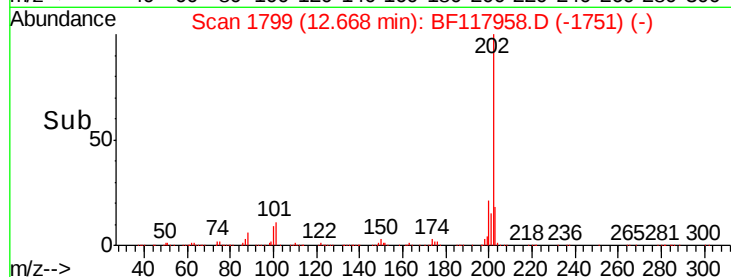
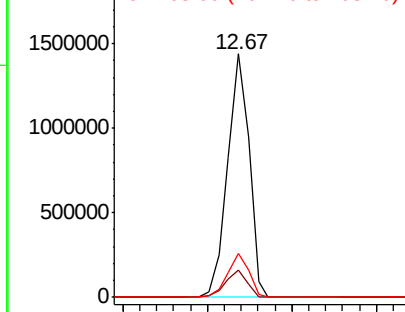
Tot Ion:	202	Resp:	1271570
Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.1
203	18.2	0.0	38.2

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

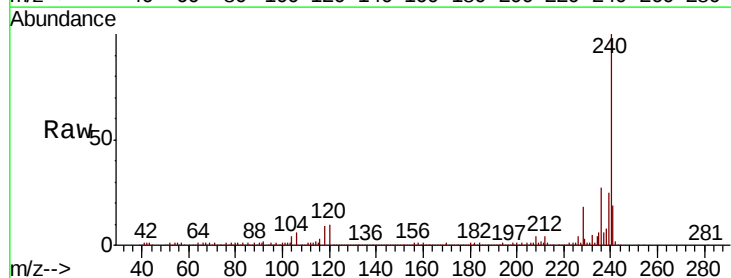
RT: 14.10 min Scan# 2043

Delta R.T. -0.01 min

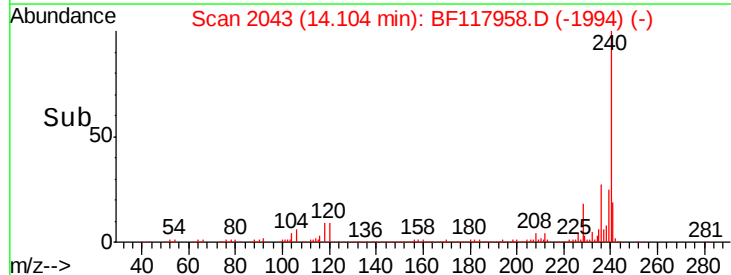
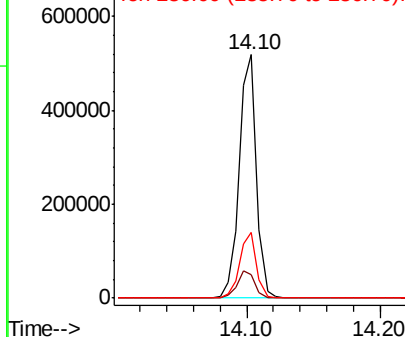
Lab File: BF117958.D

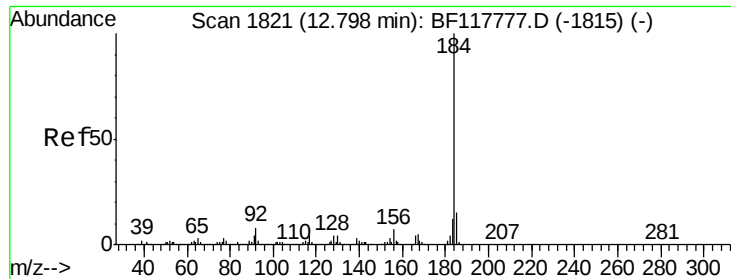
Acq: 23 Nov 2019 16:00

Tgt Ion:	240	Resp:	466967
Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.5	14.3
236	26.7	21.3	31.9



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.376 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

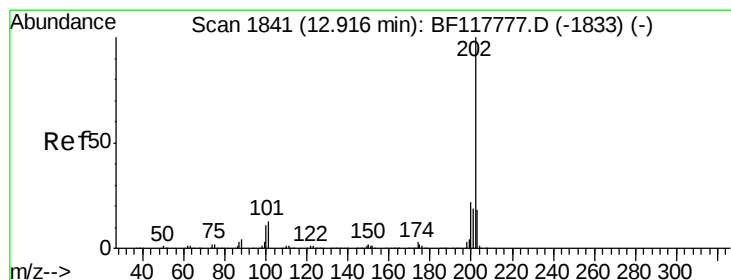
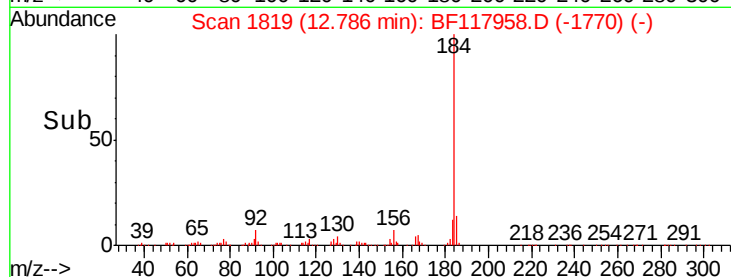
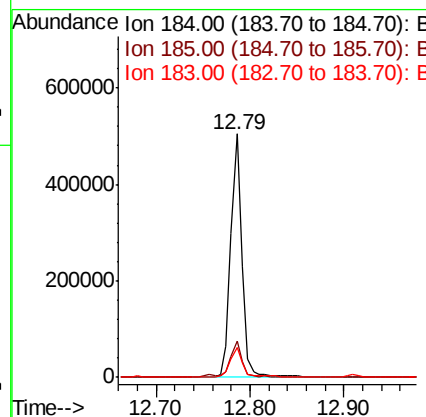
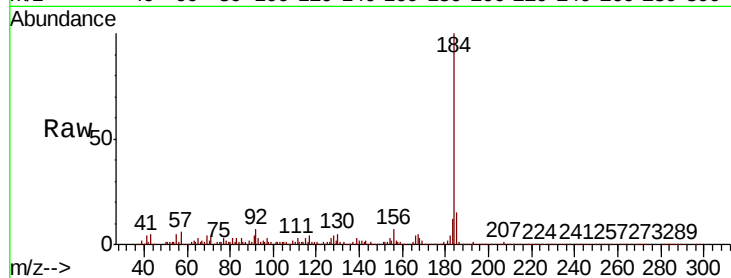
ClientSampleId :

25441-26560MS

Tot Ion:	184	Resp:	418746
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.2	18.4
183	12.4	9.5	14.3

Manual Integrations
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#78

Pyrene

Concen: 34.810 ng

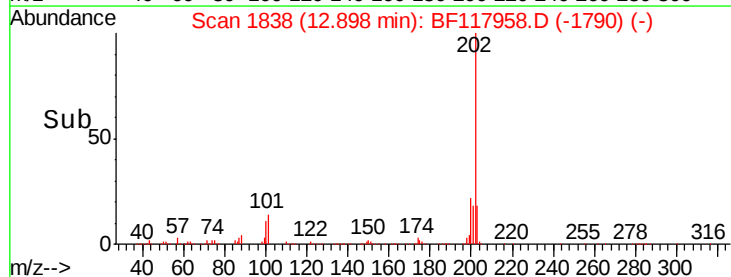
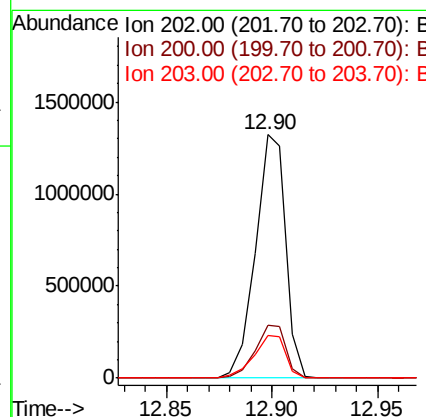
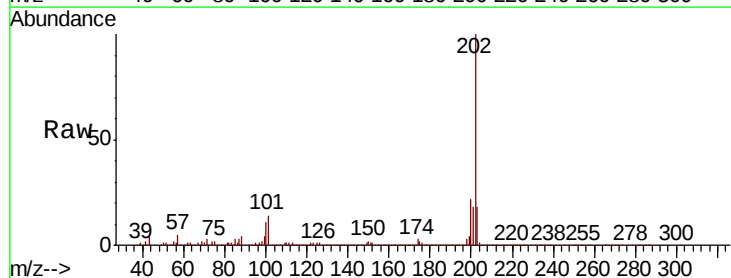
RT: 12.90 min Scan# 1838

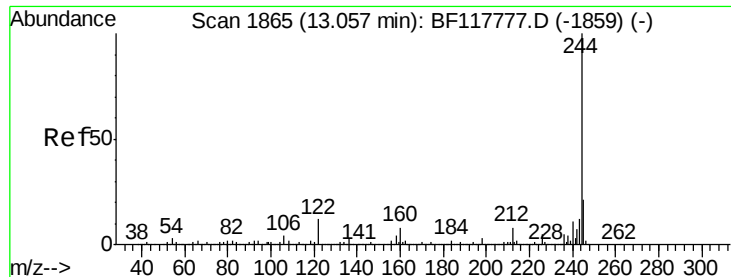
Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Tgt Ion:	202	Resp:	1313653
Ion Ratio	Lower	Upper	
202	100		
200	21.7	17.8	26.8
203	17.7	14.6	22.0





#79

Terphenyl-d14

Concen: 55.653 ng

RT: 13.04 min Scan# 1862

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

ClientSampleId :

25441-26560MS

Tot Ion:244 Resp: 1421974

Ion Ratio Lower Upper

244 100

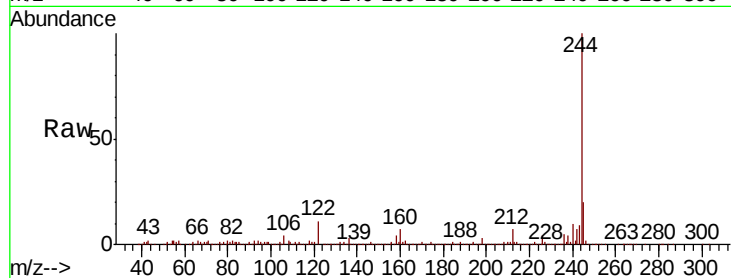
212 7.3 6.3 9.5

122 11.0 9.4 14.2

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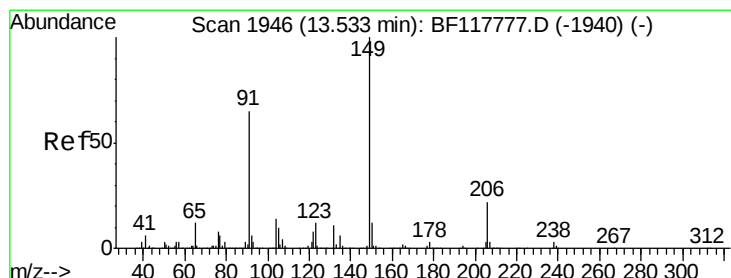
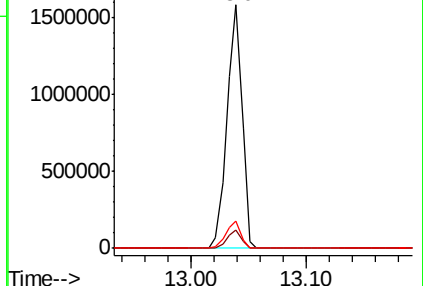
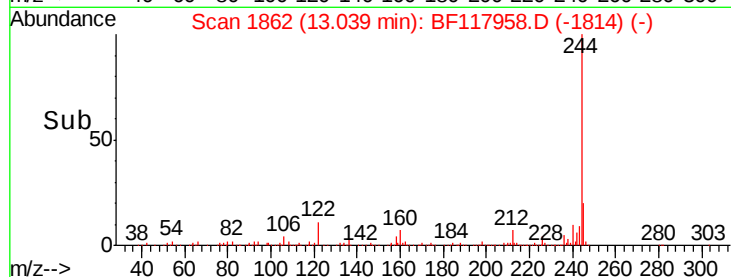
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.644 ng

RT: 13.52 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

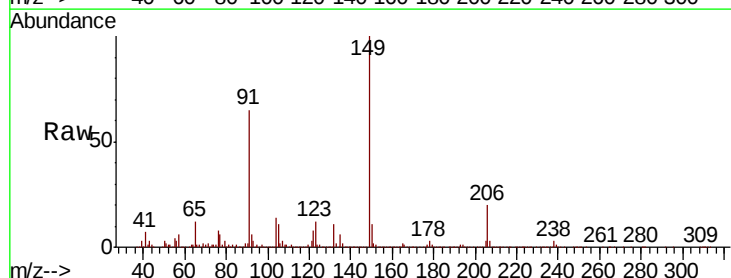
Tgt Ion:149 Resp: 610157

Ion Ratio Lower Upper

149 100

91 64.9 51.9 77.9

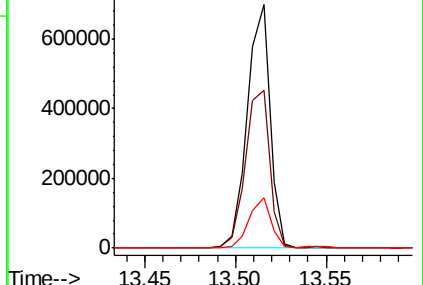
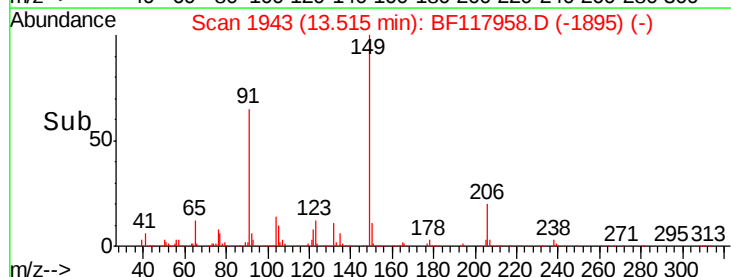
206 20.5 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





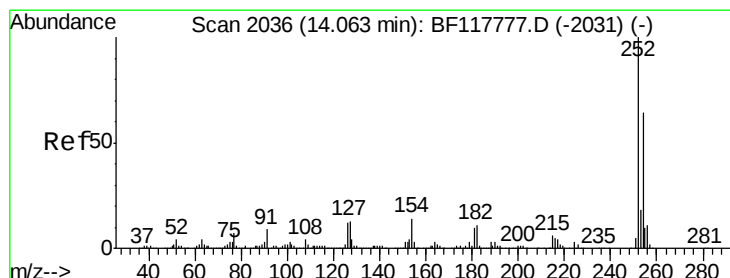
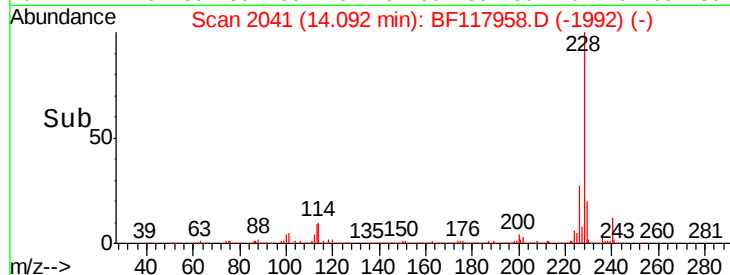
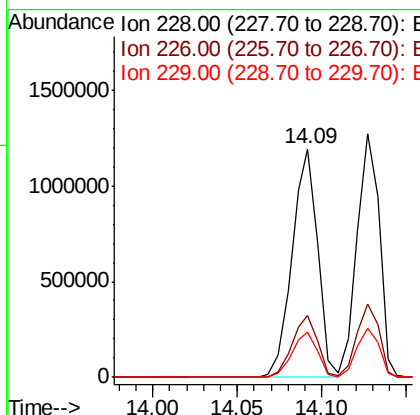
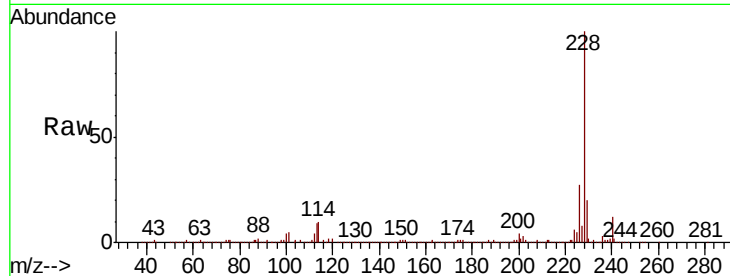
#81
Benzo(a)anthracene
Concen: 40.849 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.2
229	20.0	15.9	23.9

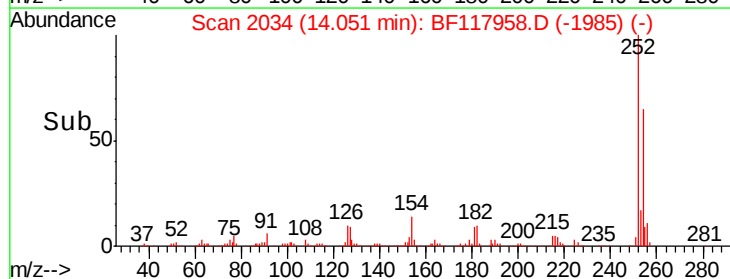
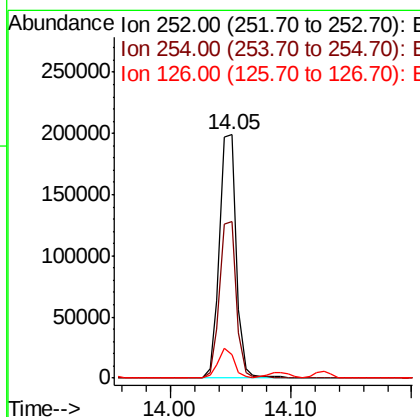
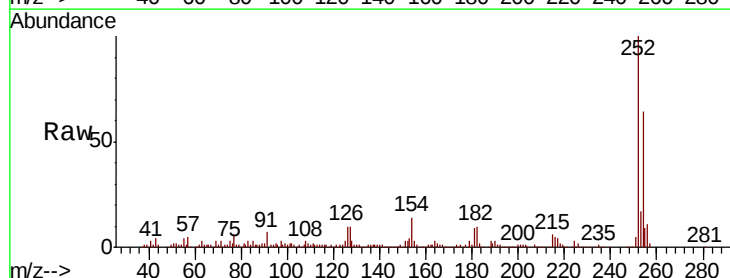
Manual Integrations
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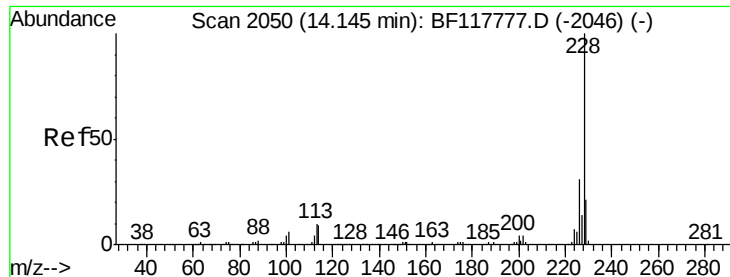
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 17.751 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.0	76.6
126	9.9	9.7	14.5





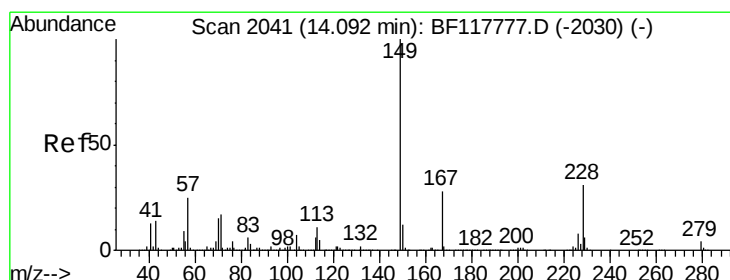
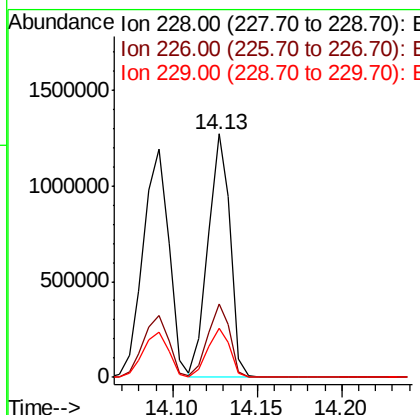
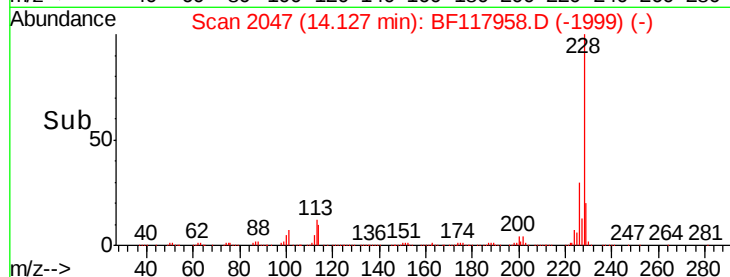
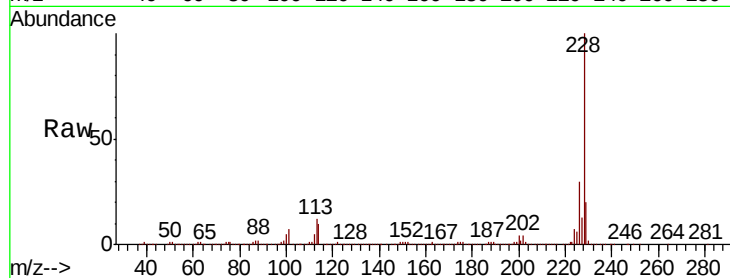
#83
Chrysene
Concen: 38.859 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	20.2	16.6	25.0

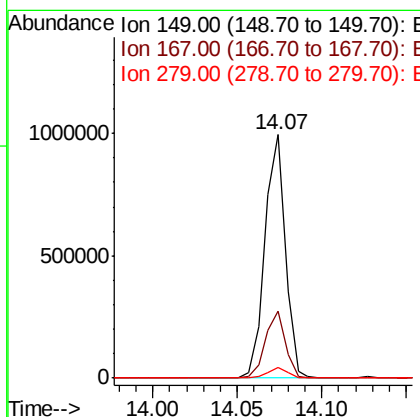
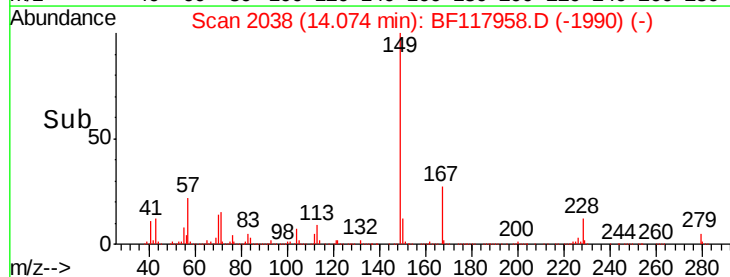
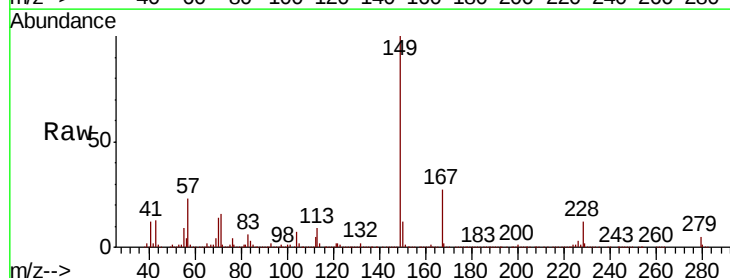
Manual Integrations
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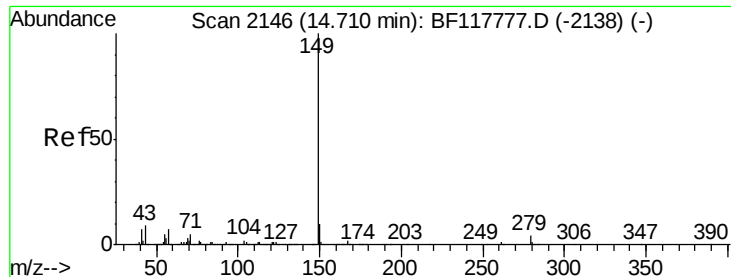
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#84
Bis(2-ethylhexyl)phthalate
Concen: 42.662 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.2
279	4.6	3.4	5.2





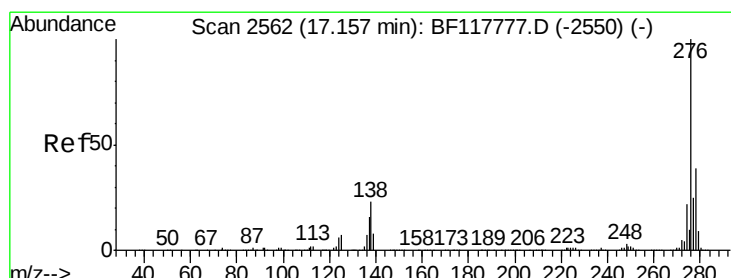
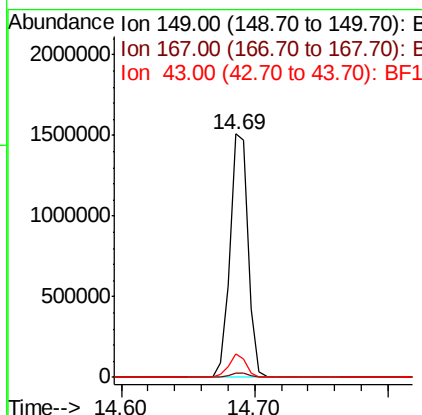
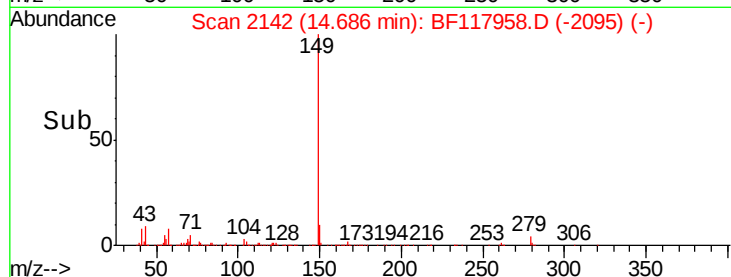
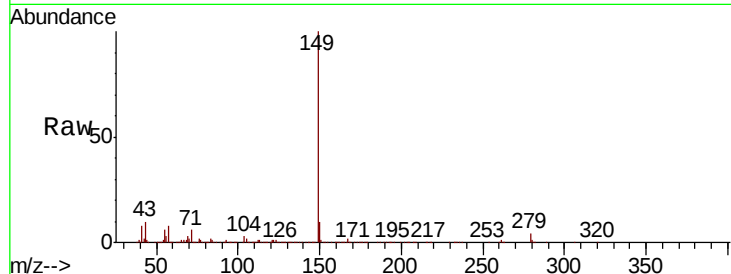
#85
Di-n-octyl phthalate
Concen: 50.327 ng
RT: 14.69 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	8.8	7.4	11.2

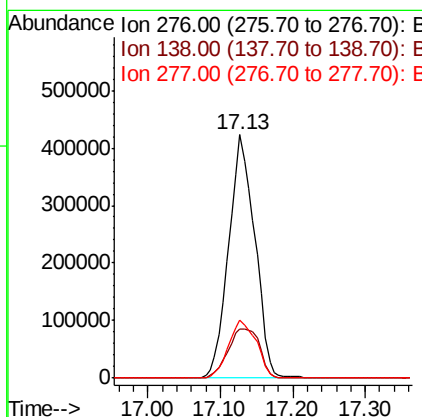
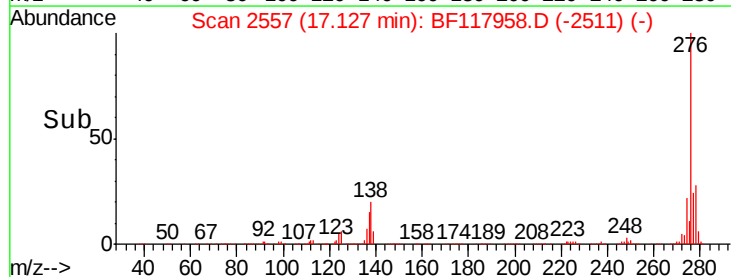
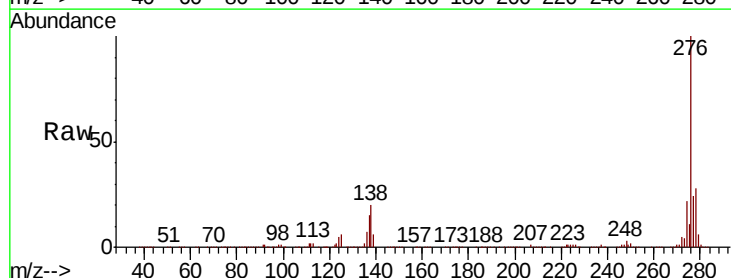
Manual Integrations
APPROVED

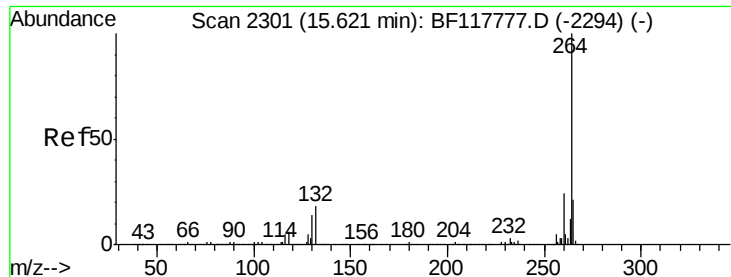
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.783 ng
RT: 17.13 min Scan# 2557
Delta R.T. -0.03 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.9	31.3
277	25.4	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.02 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

Instrument :

BNA_F

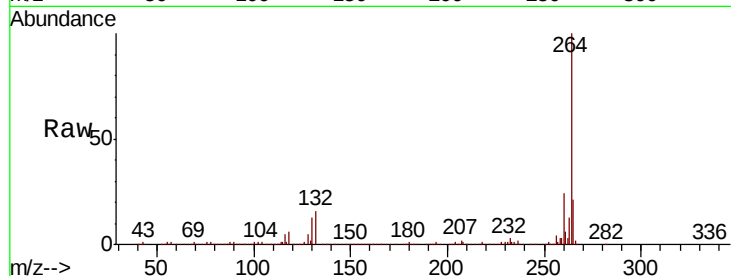
ClientSampleId :

25441-26560MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.0	17.1	25.7

Manual Integrations
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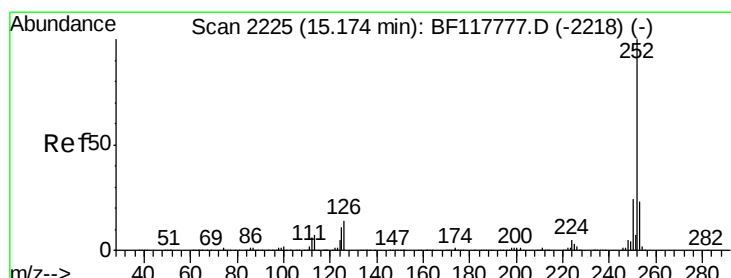
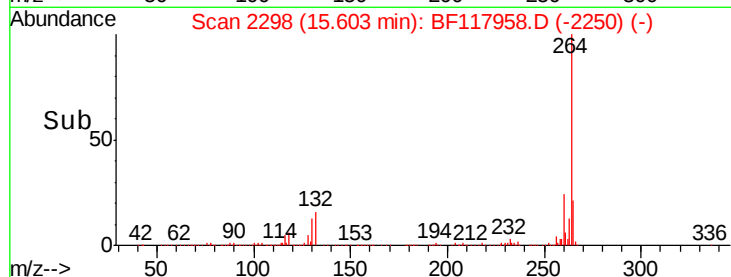
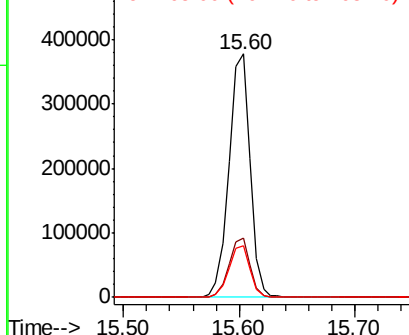


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.097 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF117958.D

Acq: 23 Nov 2019 16:00

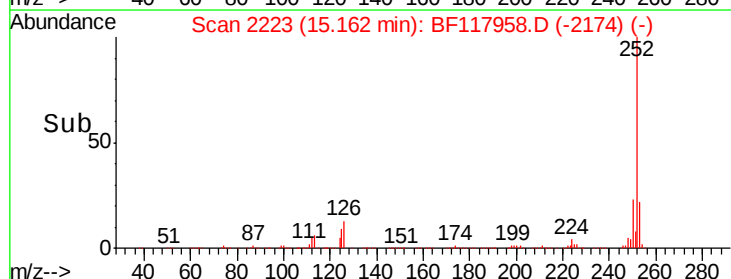
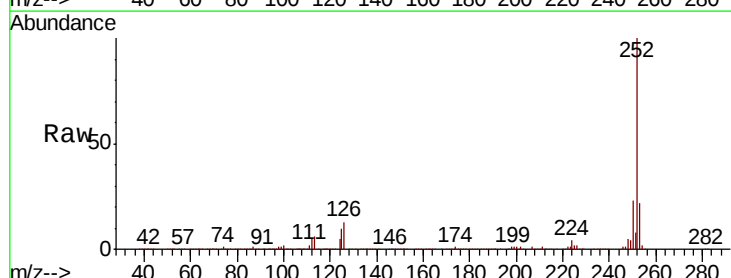
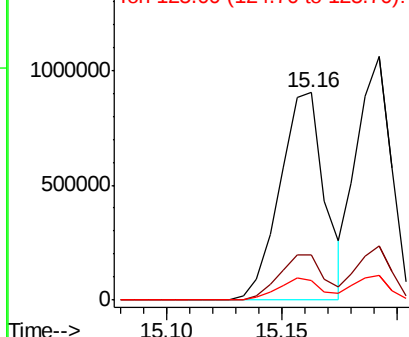
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.5	8.6	13.0

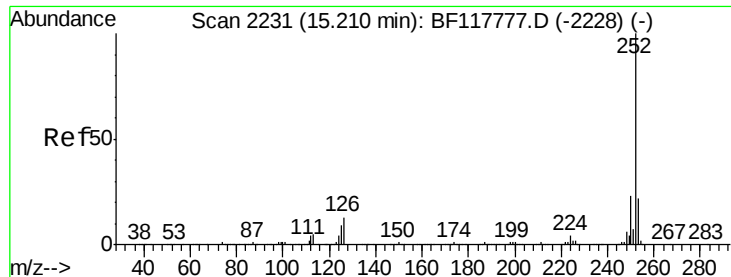
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





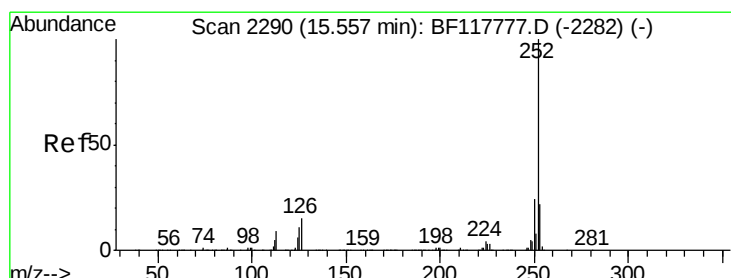
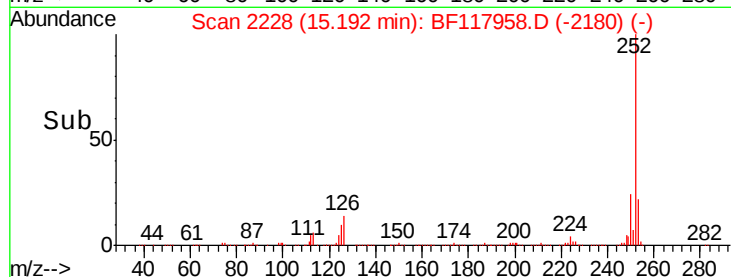
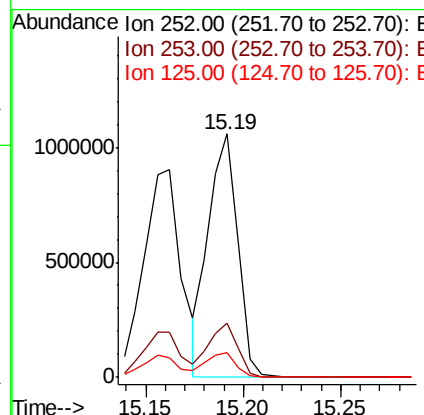
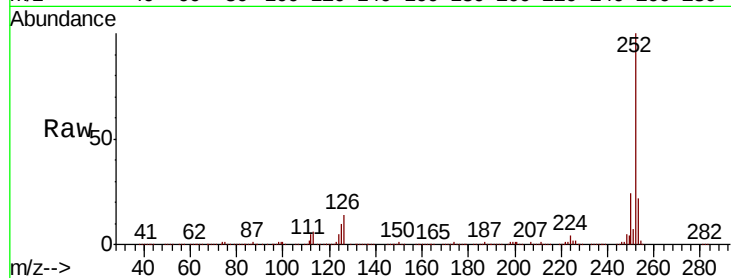
#89
Benzo(k)fluoranthene
Concen: 37.780 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	10.2	7.9	11.9

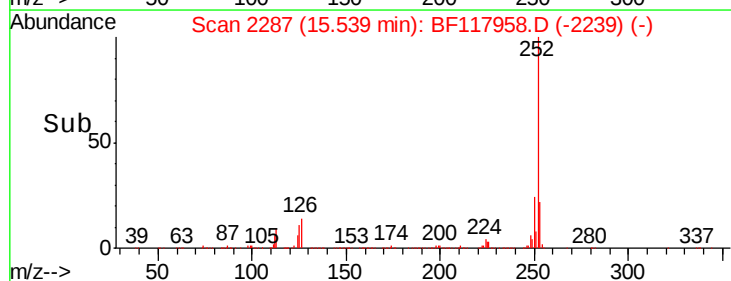
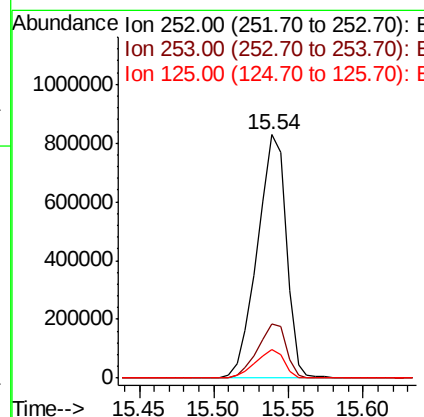
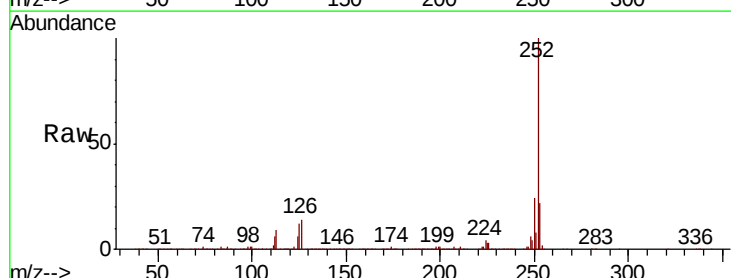
Manual Integrations
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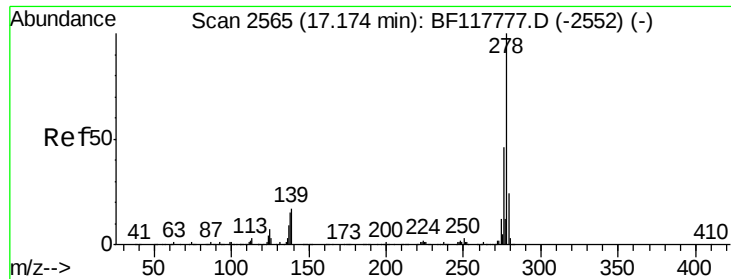
mohammad
11/25/2019 2:32:11 PM



#90
Benzo(a)pyrene
Concen: 40.415 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.6	9.2	13.8





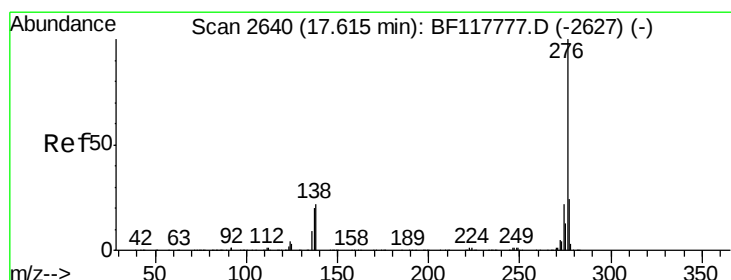
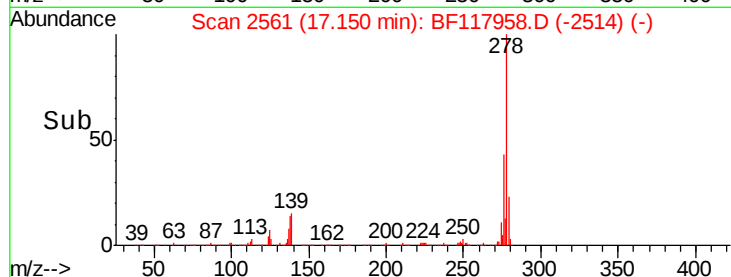
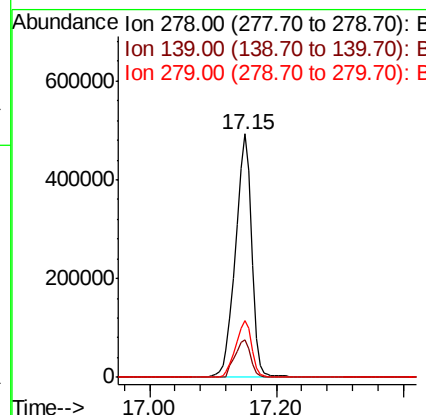
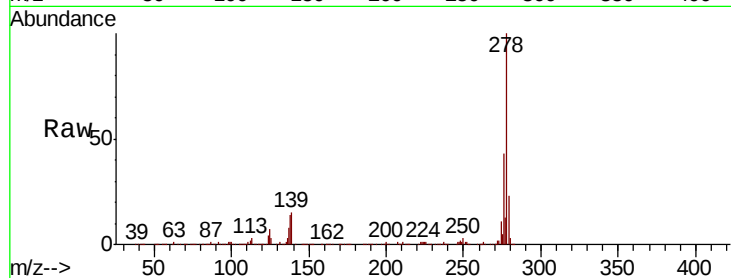
#91
Dibenzo(a,h)anthracene
Concen: 36.618 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Instrument :
BNA_F
ClientSampleId :
25441-26560MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	13.8	20.8
279	23.2	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/25/2019 2:32:11 PM



#92
Benzo(g,h,i)perylene
Concen: 40.807 ng
RT: 17.59 min Scan# 2636
Delta R.T. -0.02 min
Lab File: BF117958.D
Acq: 23 Nov 2019 16:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	22.8	17.4	26.2

