

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117833.D
 Acq On : 18 Nov 2019 14:15
 Operator : JU
 Sample : PB124878BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124878BS

Manual Integrations
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 11/19/2019 2:35:31 PM

Quant Time: Nov 18 15:34:21 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	6.92	152	303477	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1290964	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	697325	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1341115	20.00	ng	0.00
76) Chrysene-d12	14.12	240	941915	20.00	ng	0.00
87) Perylene-d12	15.62	264	723270	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1941836	113.26	ng	0.01
7) Phenol-d6	6.55	99	2413262	116.70	ng	0.00
23) Nitrobenzene-d5	7.49	82	1325602	61.04	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	796719	107.92	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2538636	65.31	ng	0.00
79) Terphenyl-d14	13.06	244	2832303	54.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	254783	31.792	ng	99
3) Pyridine	3.57	79	591711	28.147	ng	98
4) n-Nitrosodimethylamine	3.52	42	354522	38.633	ng	100
6) Aniline	6.58	93	907099	33.195	ng	99
8) 2-Chlorophenol	6.71	128	821107	44.138	ng	99
9) Benzaldehyde	6.47	77	416651	28.551	ng	99
10) Phenol	6.56	94	1004938	46.766	ng	97
11) bis(2-Chloroethyl)ether	6.66	93	718786	41.654	ng	98
12) 1,3-Dichlorobenzene	6.86	146	836284	38.183	ng	99
13) 1,4-Dichlorobenzene	6.94	146	874334	39.494	ng	99
14) 1,2-Dichlorobenzene	7.09	146	829477	39.177	ng	100
15) Benzyl Alcohol	7.06	79	730542	45.758	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	1035812	38.987	ng	100
17) 2-Methylphenol	7.17	107	699226	44.383	ng	99
18) Hexachloroethane	7.44	117	312836	38.467	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	533984	41.857	ng	98
20) 3+4-Methylphenols	7.32	107	843025	43.108	ng	# 89
22) Acetophenone	7.33	105	1096775	37.815	ng	# 97
24) Nitrobenzene	7.50	77	878948	39.233	ng	98
25) Isophorone	7.75	82	1551656	38.983	ng	98
26) 2-Nitrophenol	7.82	139	463736	42.527	ng	96
27) 2,4-Dimethylphenol	7.86	122	775595	45.773	ng	99
28) bis(2-Chloroethoxy)methane	7.96	93	918197	36.353	ng	99
29) 2,4-Dichlorophenol	8.06	162	722505	39.310	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	779599	36.568	ng	99
31) Naphthalene	8.23	128	2360196	39.217	ng	99
32) Benzoic acid	7.98	122	617924	43.554	ng	94
33) 4-Chloroaniline	8.27	127	646981	24.013	ng	100
34) Hexachlorobutadiene	8.35	225	434228	34.837	ng	100
35) Caprolactam	8.65	113	250294m	42.849	ng	
36) 4-Chloro-3-methylphenol	8.76	107	765462	41.037	ng	97
37) 2-Methylnaphthalene	8.93	142	1634410	40.193	ng	99
38) 1-Methylnaphthalene	9.03	142	1520823	39.560	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	714747	35.294	ng	99

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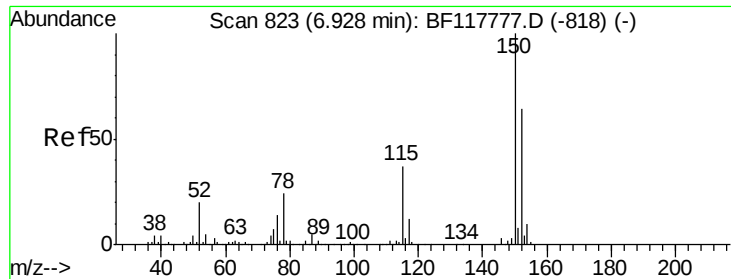
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Quant Time: Nov 18 15:34:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	726029	63.975	nq	98
43) 2,4,6-Trichlorophenol	9.20	196	550676	37.965	nq	99
44) 2,4,5-Trichlorophenol	9.24	196	589497	39.143	nq	99
46) 1,1'-Biphenyl	9.39	154	1945216	37.600	nq	99
47) 2-Chloronaphthalene	9.42	162	1545237	36.307	nq	98
48) 2-Nitroaniline	9.51	65	485025	37.748	nq	97
49) Acenaphthylene	9.84	152	2407132	38.793	nq	100
50) Dimethylphthalate	9.69	163	1811344	37.042	nq	100
51) 2,6-Dinitrotoluene	9.75	165	430910	40.320	nq	98
52) Acenaphthene	10.01	154	1651769	41.555	nq	97
53) 3-Nitroaniline	9.92	138	347740	27.193	nq	100
54) 2,4-Dinitrophenol	10.03	184	426744	77.920	nq	# 88
55) Dibenzofuran	10.18	168	2101792	38.185	nq	99
56) 4-Nitrophenol	10.08	139	797084	83.505	nq	97
57) 2,4-Dinitrotoluene	10.16	165	572114	42.084	nq	98
58) Fluorene	10.53	166	1595655	37.409	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	484255	39.134	nq	98
60) Diethylphthalate	10.40	149	1760585	36.930	nq	98
61) 4-Chlorophenyl-phenylether	10.52	204	808752	37.362	nq	98
62) 4-Nitroaniline	10.54	138	464940	36.312	nq	97
63) Azobenzene	10.67	77	1634949	37.696	nq	99
65) 4,6-Dinitro-2-methylphenol	10.57	198	291500	46.560	nq	89
66) n-Nitrosodiphenylamine	10.63	169	1482367	37.980	nq	99
67) 4-Bromophenyl-phenylether	11.01	248	522018	36.075	nq	96
68) Hexachlorobenzene	11.07	284	610731	36.195	nq	98
69) Atrazine	11.16	200	515236	40.130	nq	99
70) Pentachlorophenol	11.27	266	735803	74.641	nq	99
71) Phenanthrene	11.49	178	2470222	36.636	nq	99
72) Anthracene	11.54	178	2530477	37.852	nq	99
73) Carbazole	11.70	167	2298205	39.340	nq	99
74) Di-n-butylphthalate	12.03	149	2576058	35.416	nq	100
75) Fluoranthene	12.69	202	2606985	41.948	nq	99
77) Benzidine	12.80	184	696859	22.586	nq	99
78) Pyrene	12.92	202	2607185	34.250	nq	98
80) Butylbenzylphthalate	13.53	149	1145005	35.022	nq	93
81) Benzo(a)anthracene	14.10	228	2263093	36.359	nq	99
82) 3,3'-Dichlorobenzidine	14.06	252	754737	34.665	nq	100
83) Chrysene	14.14	228	2177834	36.108	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1460328	36.843	nq	99
85) Di-n-octyl phthalate	14.71	149	2340449	40.193	nq	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1936291	37.720	nq	100
88) Benzo(b)fluoranthene	15.17	252	2057101	43.776	nq	99
89) Benzo(k)fluoranthene	15.21	252	1942085	43.863	nq	98
90) Benzo(a)pyrene	15.56	252	1745111	42.233	nq	99
91) Dibenzo(a,h)anthracene	17.18	278	1601980	45.042	nq	99
92) Benzo(g,h,i)perylene	17.63	276	1619509	45.717	nq	99

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



#1

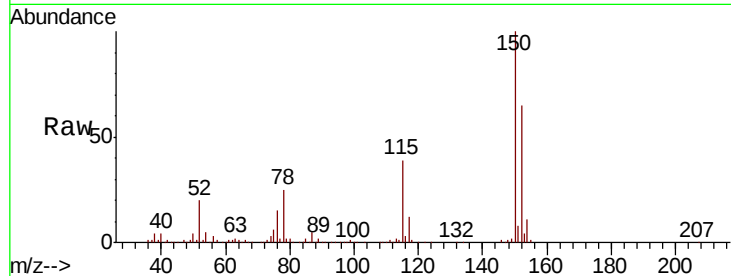
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	125.3	187.9
115	60.0	47.0	70.4

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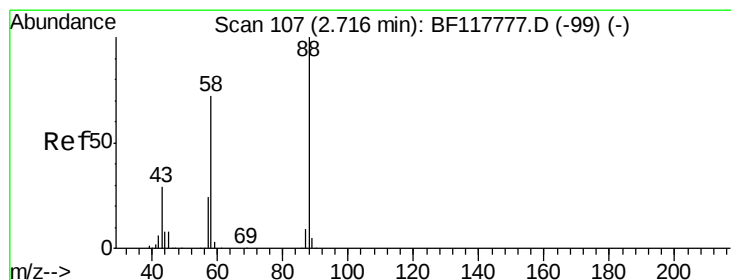
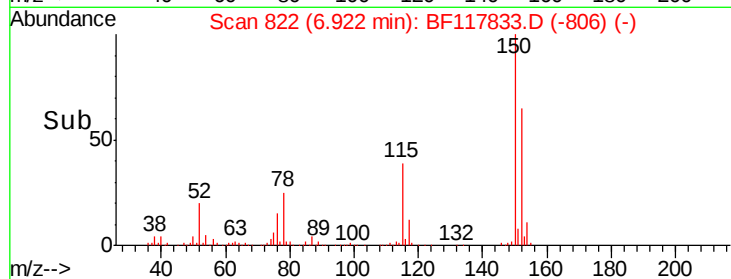
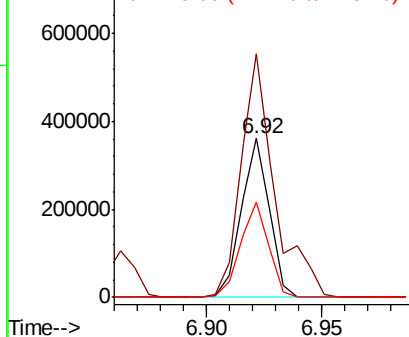


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

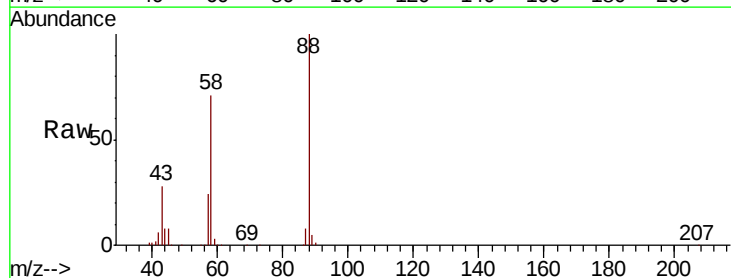
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 31.792 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.10 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	58.2	87.2
43	28.0	23.3	34.9

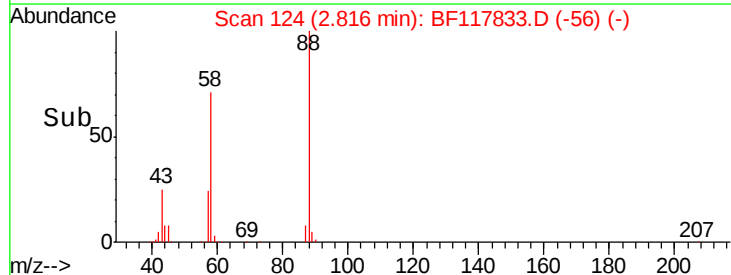
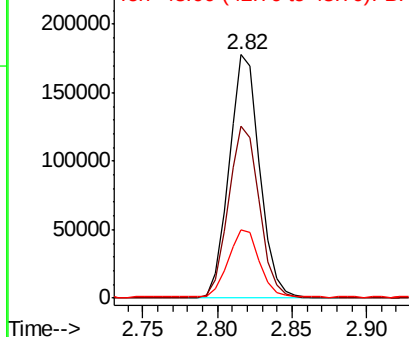


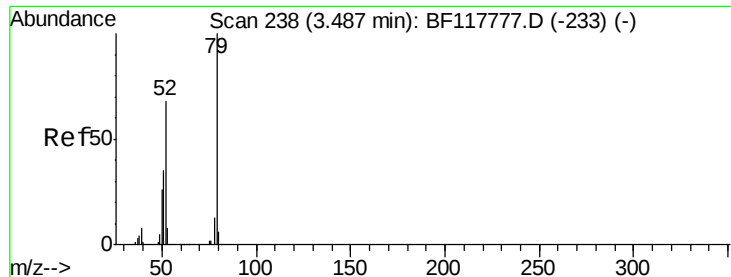
Abundance

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: 28.147 ng

RT: 3.57 min Scan# 252

Delta R.T. 0.08 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

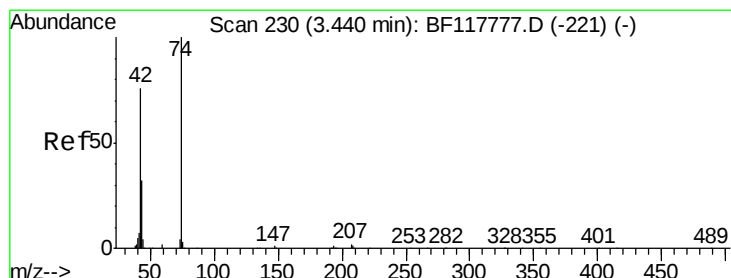
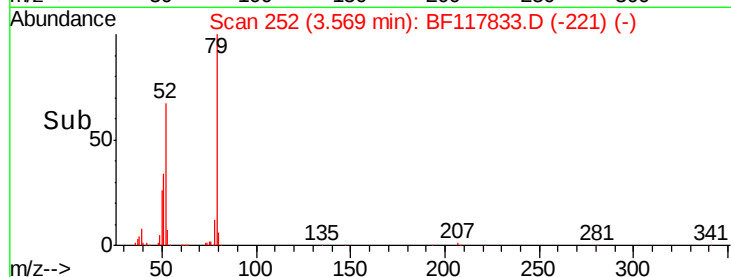
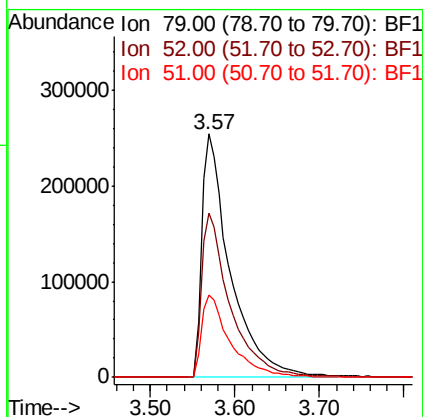
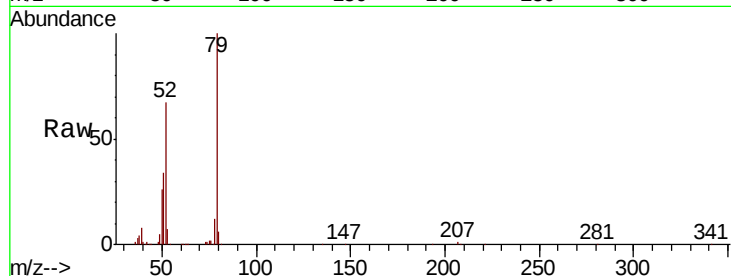
ClientSampleId :

PB124878BS

Tot Ion:	79	Resp:	591711
Ion Ratio	Lower	Upper	
79	100		
52	67.5	54.8	82.2
51	34.0	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 38.633 ng

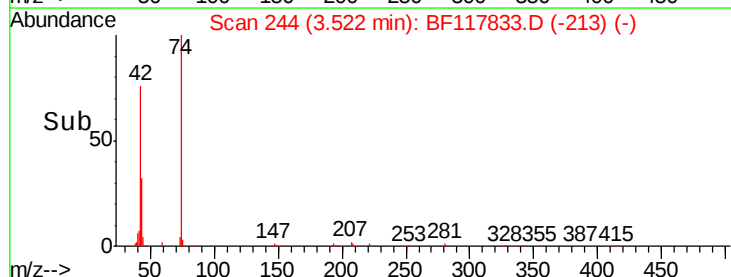
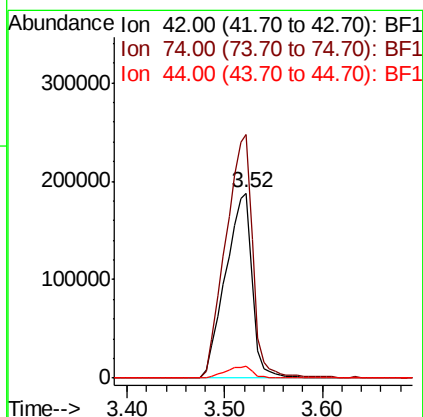
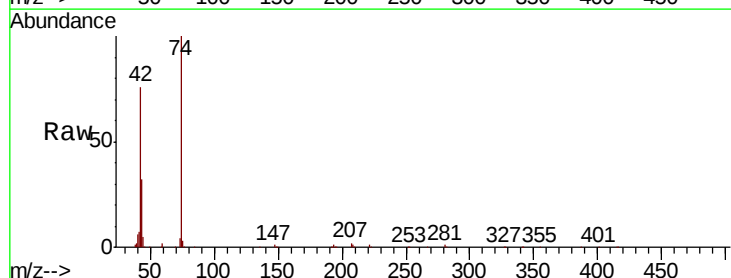
RT: 3.52 min Scan# 244

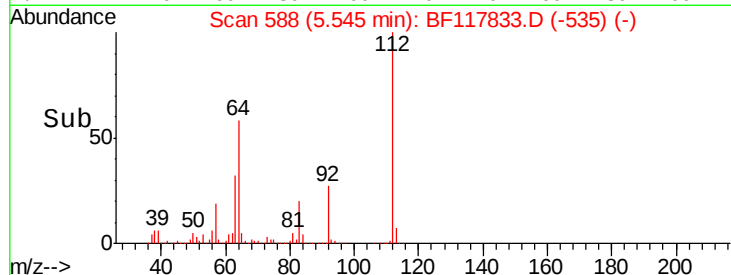
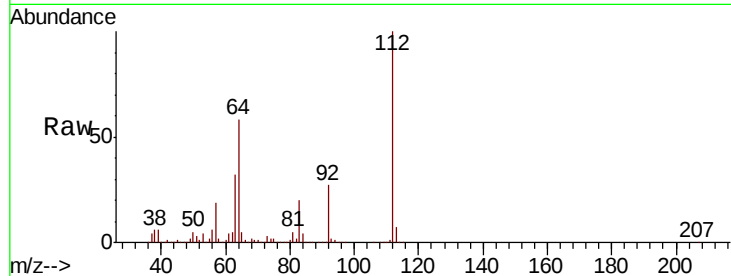
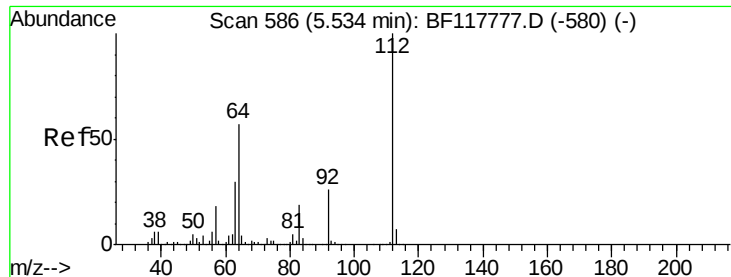
Delta R.T. 0.08 min

Lab File: BF117833.D

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Tgt Ion:	42	Resp:	354522
Ion Ratio	Lower	Upper	
42	100		
74	131.6	105.1	157.7
44	6.1	4.6	7.0





#5

2-Fluorophenol

Concen: 113.262 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

PB124878BS

Tot Ion:112 Resp: 1941836

Ion Ratio Lower Upper

112 100

64 57.6 45.6 68.4

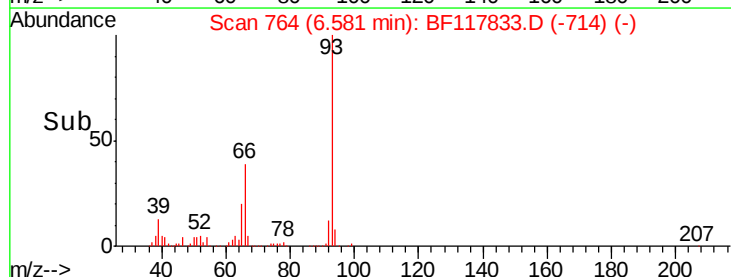
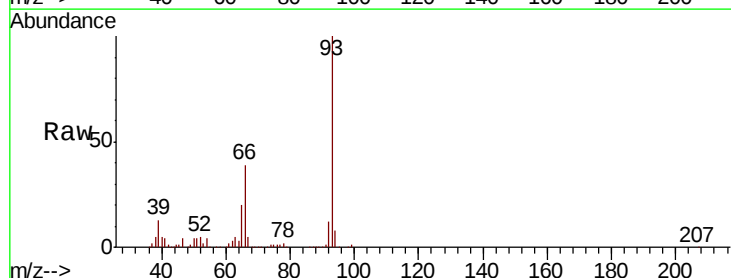
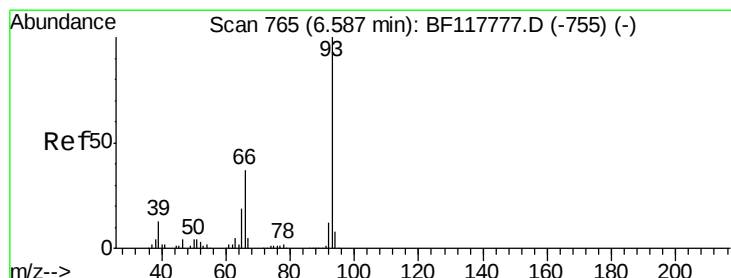
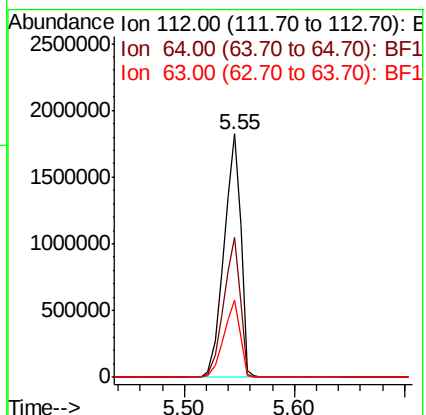
63 31.6 24.1 36.1

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#6

Aniline

Concen: 33.195 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

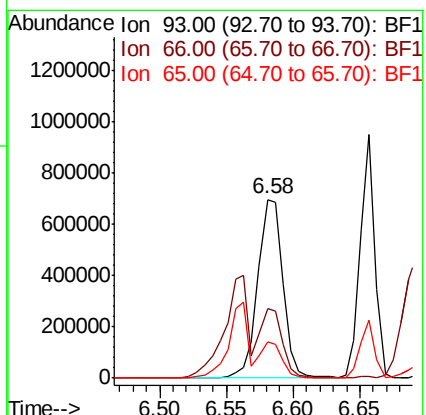
Tgt Ion: 93 Resp: 907099

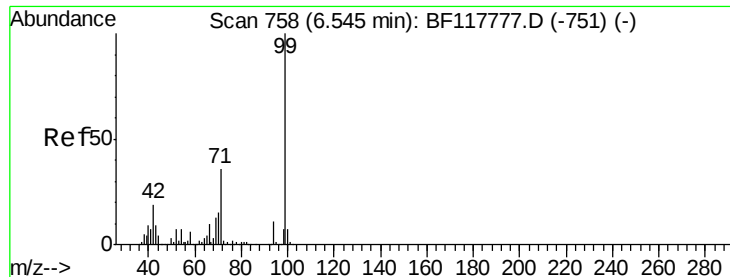
Ion Ratio Lower Upper

93 100

66 39.1 30.6 45.8

65 20.0 15.6 23.4





#7

Phenol-d6

Concen: 116.700 ng

RT: 6.55 min Scan# 759

Delta R.T. 0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

PB124878BS

Tot Ion: 99 Resp: 2413262

Ion Ratio Lower Upper

99 100

42 18.5 14.9 22.3

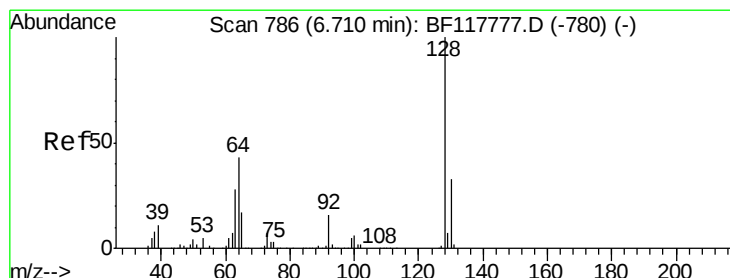
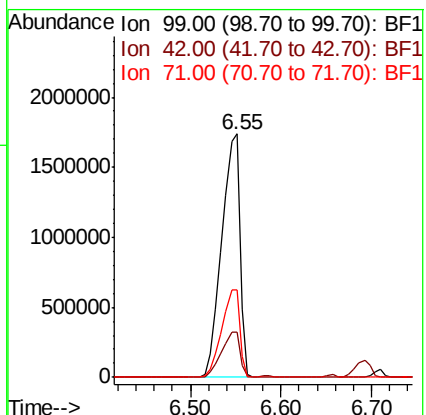
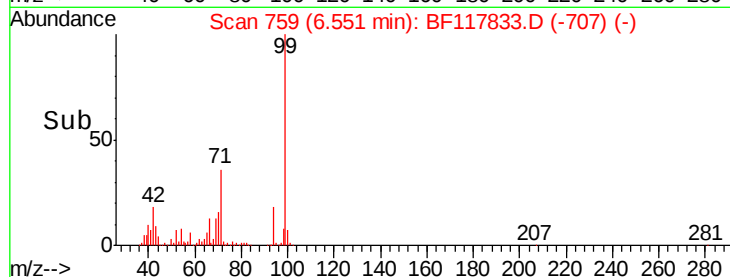
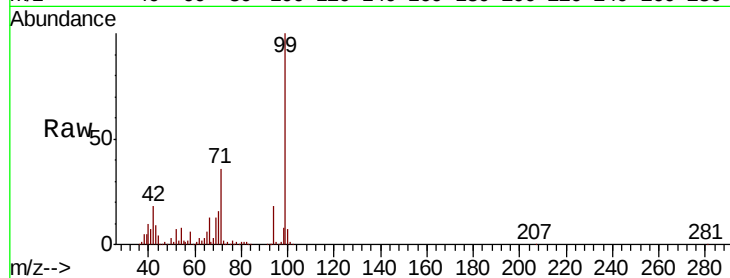
71 36.2 28.6 43.0

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#8

2-Chlorophenol

Concen: 44.138 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

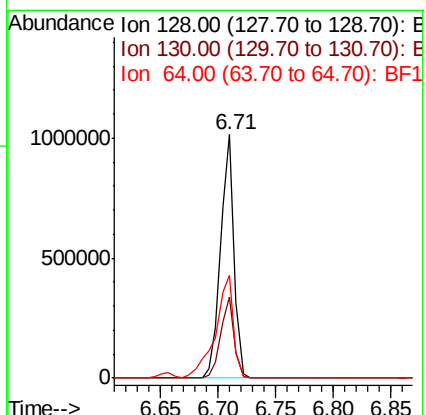
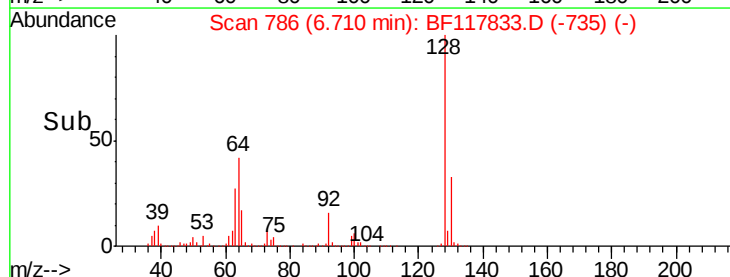
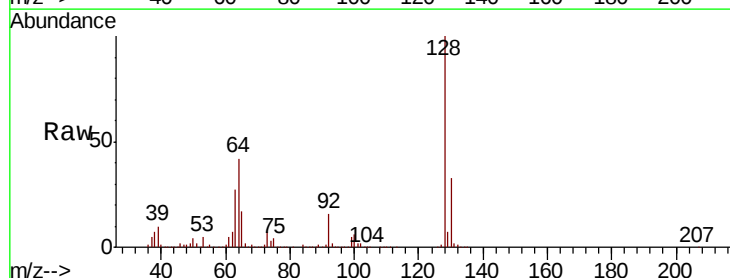
Tgt Ion:128 Resp: 821107

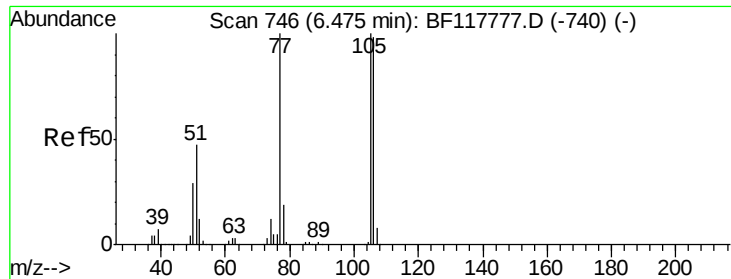
Ion Ratio Lower Upper

128 100

130 33.2 13.2 53.2

64 42.3 23.7 63.7





#9

Benzaldehyde

Concen: 28.551 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

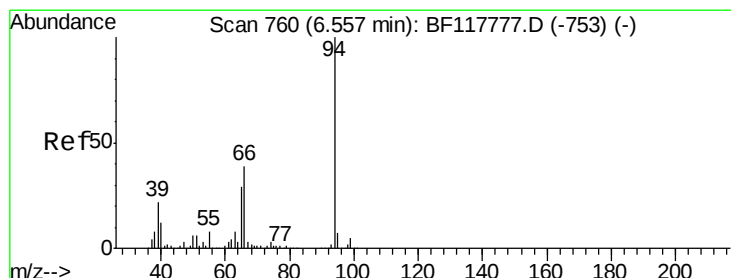
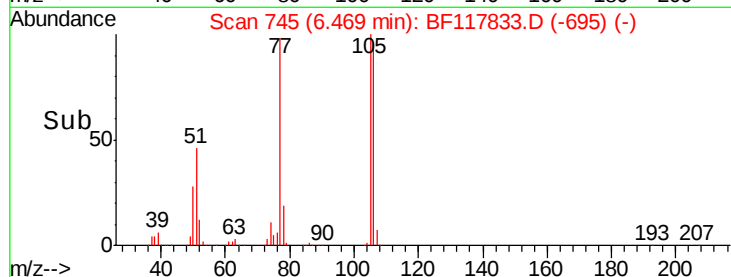
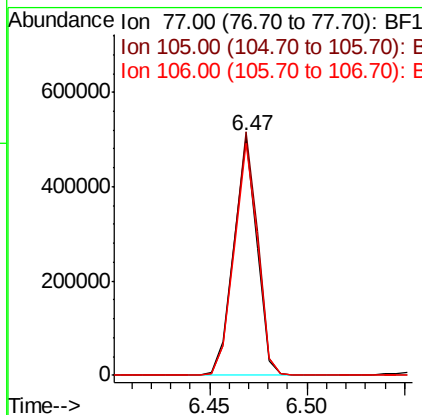
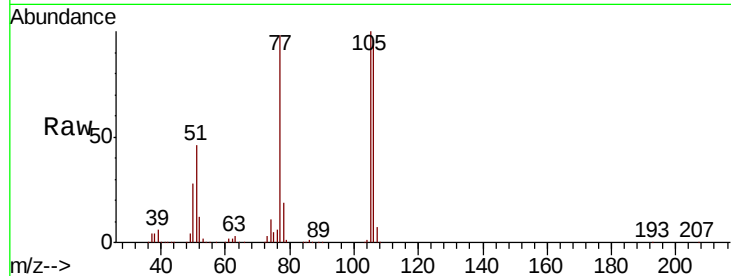
ClientSampleId :

PB124878BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	101.9	80.2	120.2		
106	97.4	78.4	118.4		

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#10

Phenol

Concen: 46.766 ng

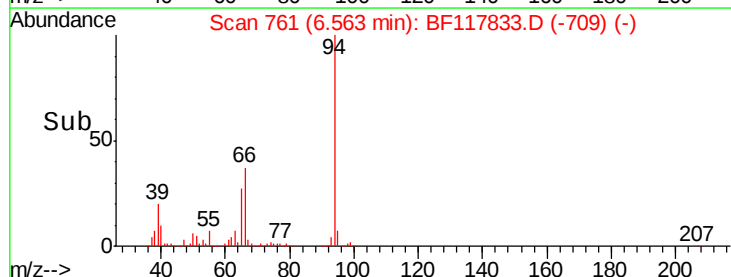
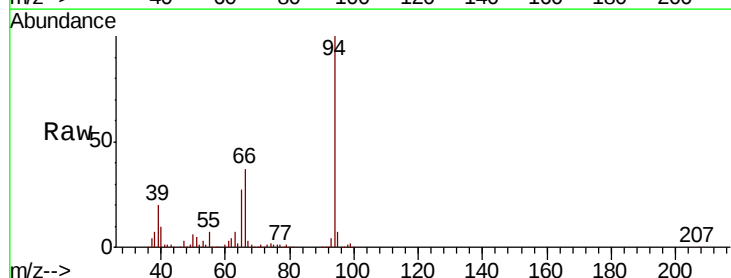
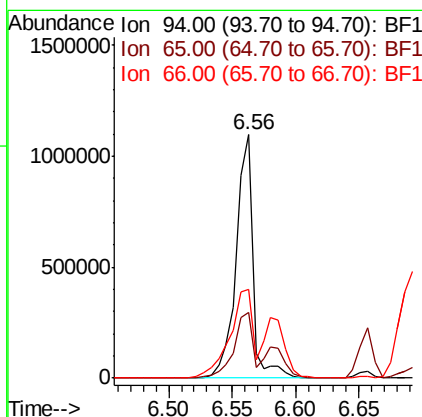
RT: 6.56 min Scan# 761

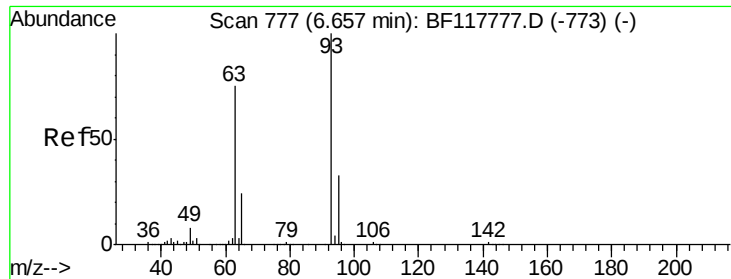
Delta R.T. 0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	27.2	8.9	48.9		
66	36.5	18.7	58.7		





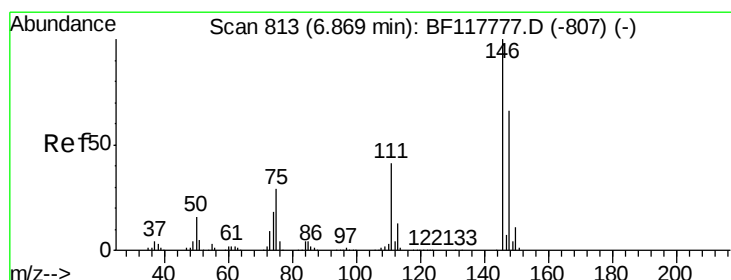
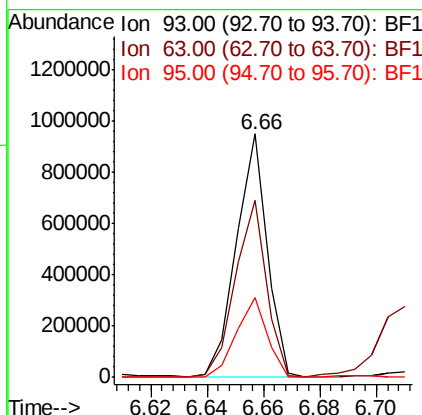
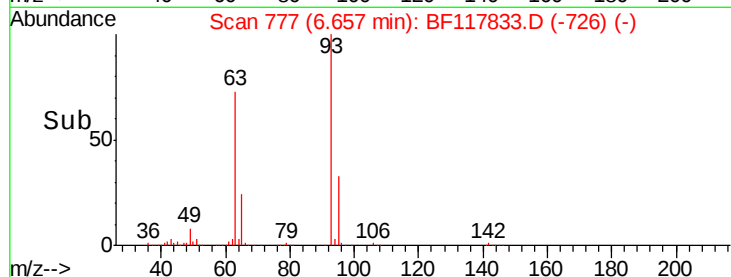
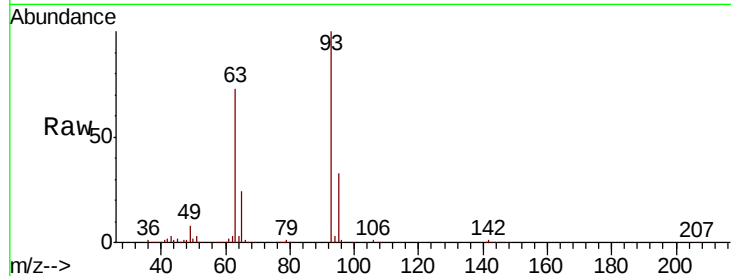
#11
bis(2-Chloroethyl)ether
Concen: 41.654 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.6	54.8	94.8
95	32.7	12.7	52.7

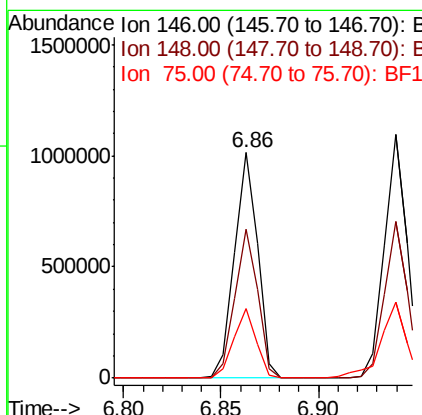
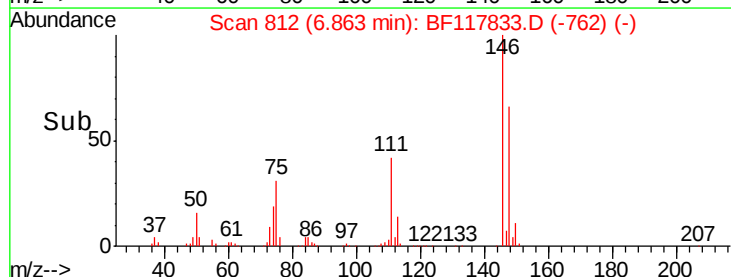
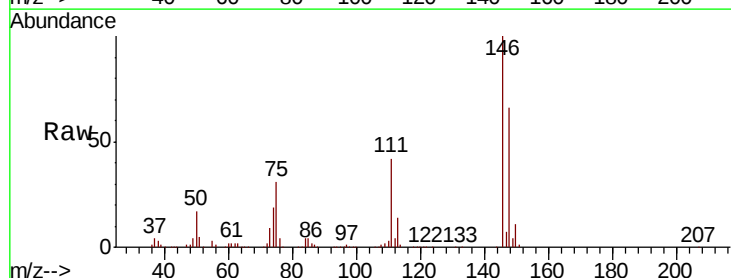
Manual Integrations
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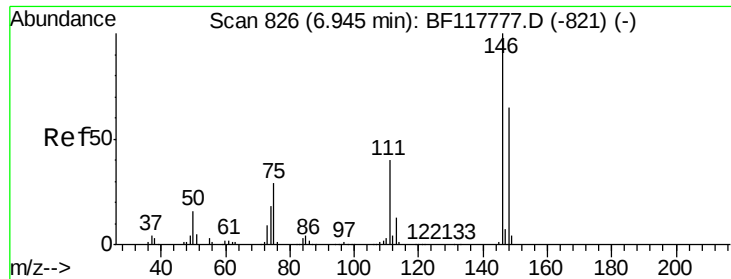
mohammad
11/19/2019 2:35:31 PM



#12
1,3-Dichlorobenzene
Concen: 38.183 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	52.8	79.2
75	31.1	23.4	35.0





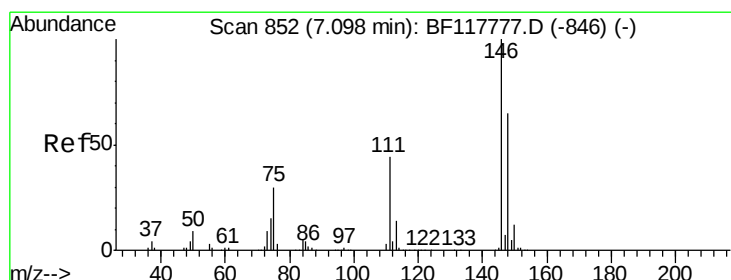
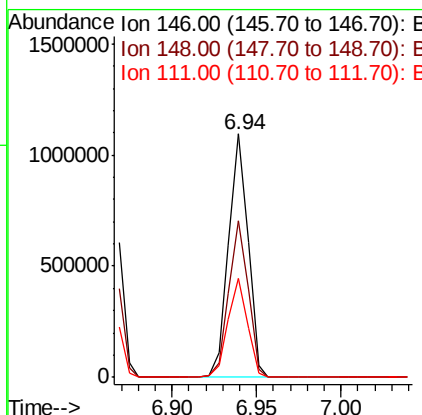
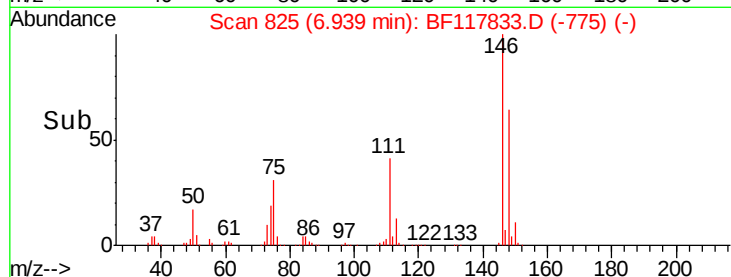
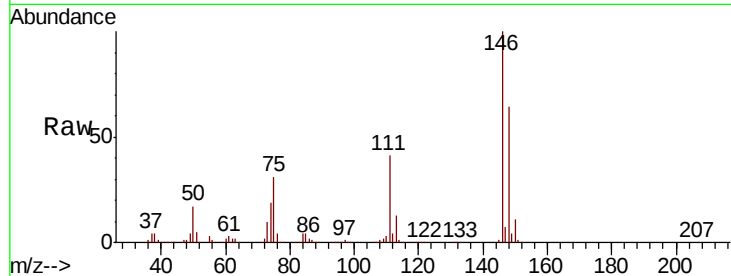
#13
 1,4-Dichlorobenzene
 Concen: 39.494 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB124878BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.3	78.5
111	40.8	32.2	48.4

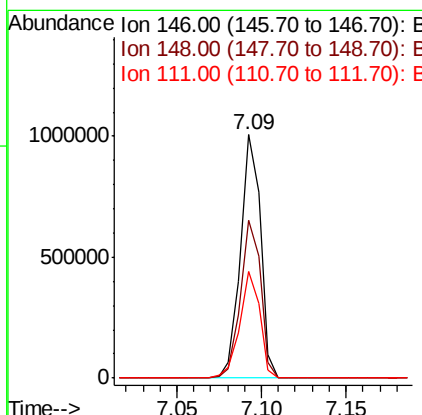
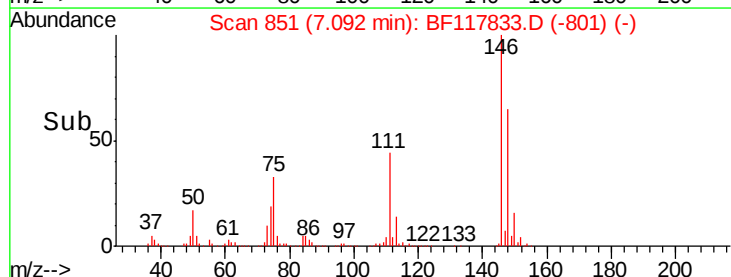
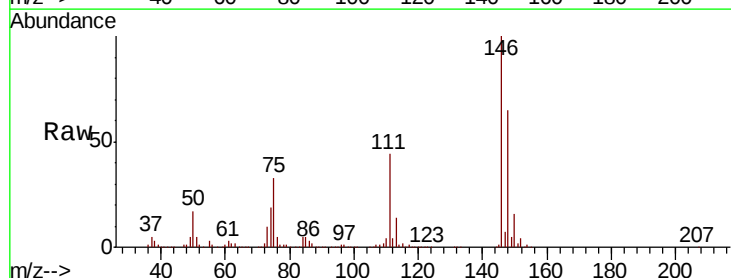
Manual Integrations
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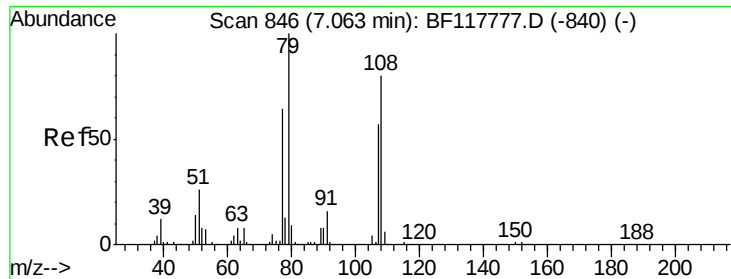
mohammad
 11/19/2019 2:35:31 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.177 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.8	77.8
111	43.8	35.0	52.6





#15

Benzyl Alcohol

Concen: 45.758 ng

RT: 7.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

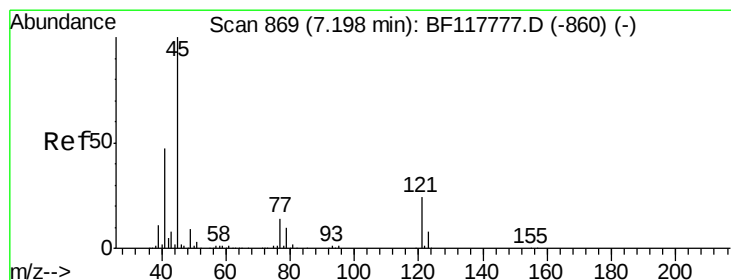
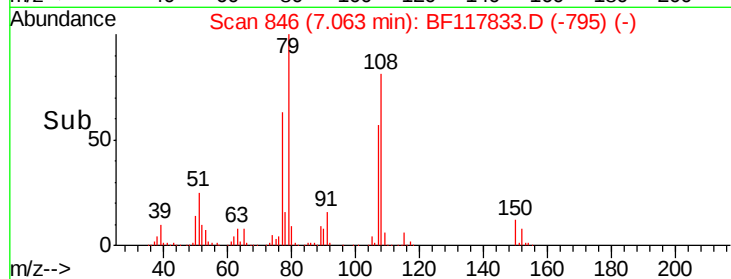
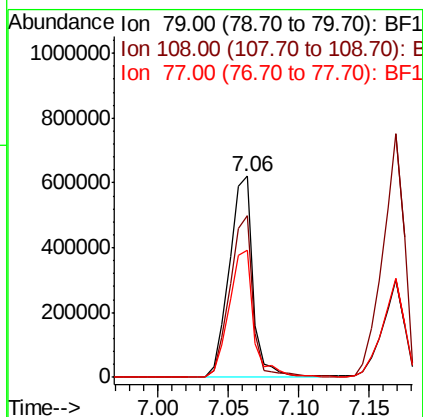
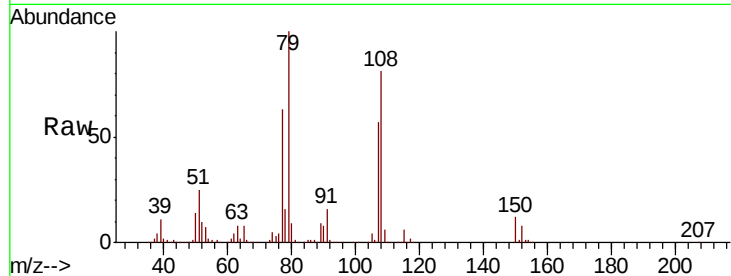
ClientSampleId :

PB124878BS

Tot Ion:	79	Resp:	730542
Ion Ratio	Lower	Upper	
79	100		
108	80.7	64.1	96.1
77	63.3	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.987 ng

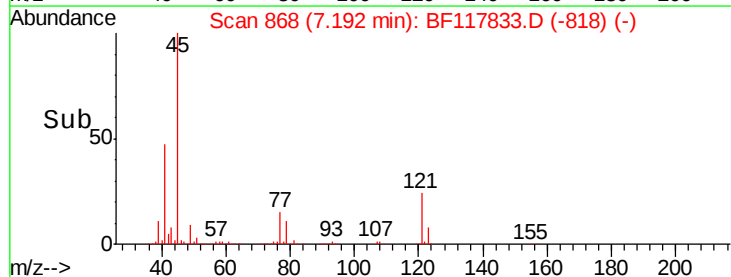
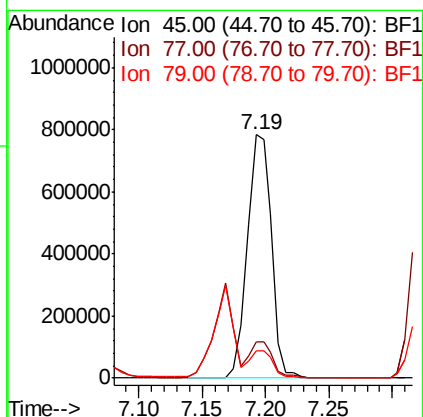
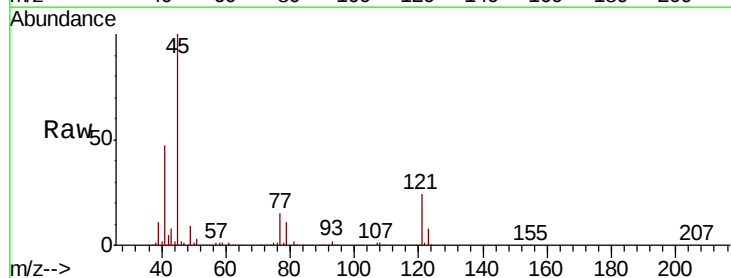
RT: 7.19 min Scan# 868

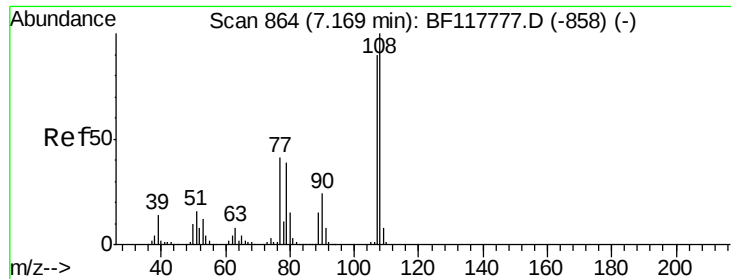
Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Tgt Ion:	45	Resp:	1035812
Ion Ratio	Lower	Upper	
45	100		
77	14.9	0.0	35.0
79	11.0	0.0	31.1





#17

2-Methylphenol

Concen: 44.383 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

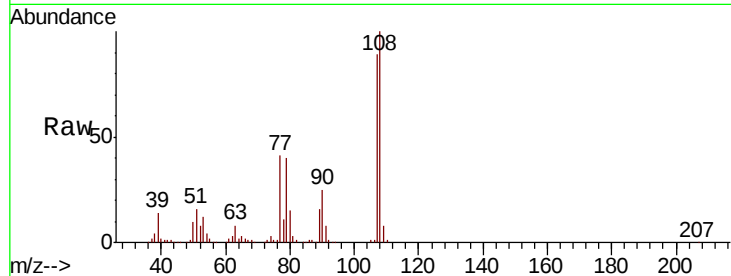
ClientSampleId :

PB124878BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	699226		
108	112.0	89.1	133.7	
77	45.8	36.6	54.8	
79	44.8	35.2	52.8	

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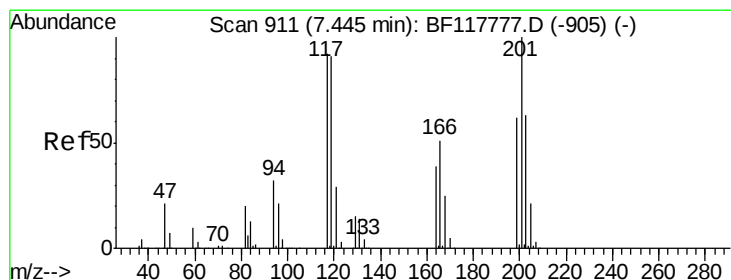
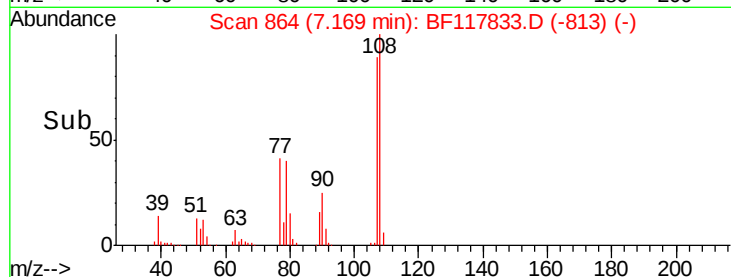
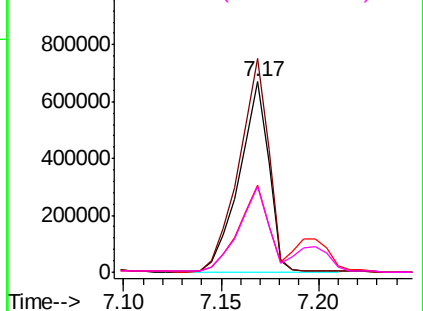
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 38.467 ng

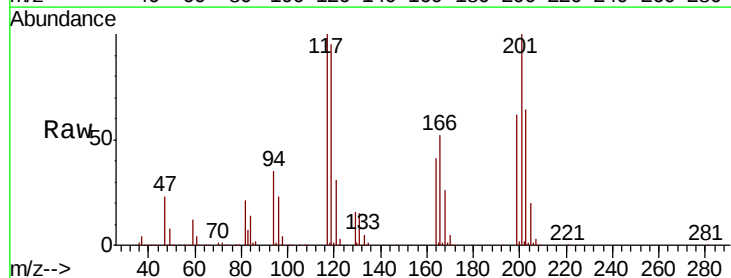
RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	312836		
119	94.8	78.7	118.1	
201	99.7	86.5	129.7	

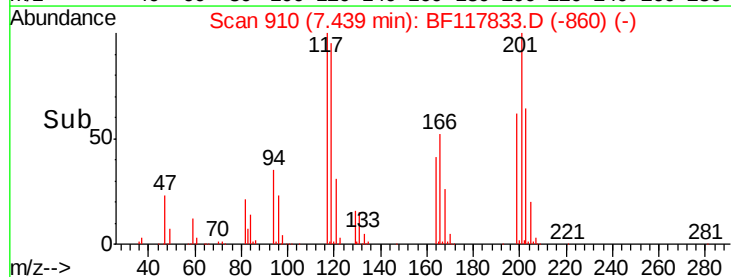
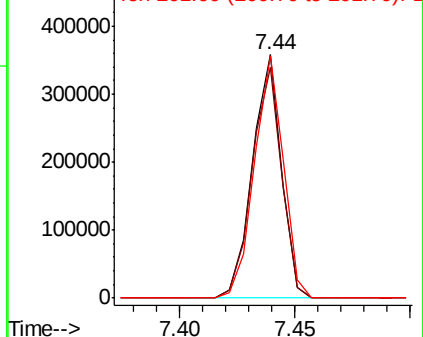


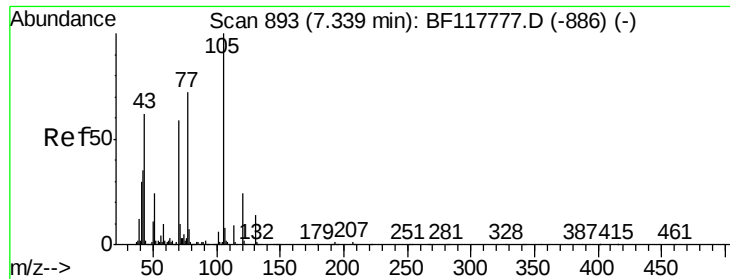
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





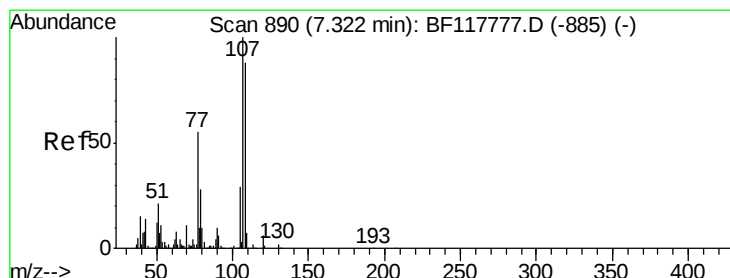
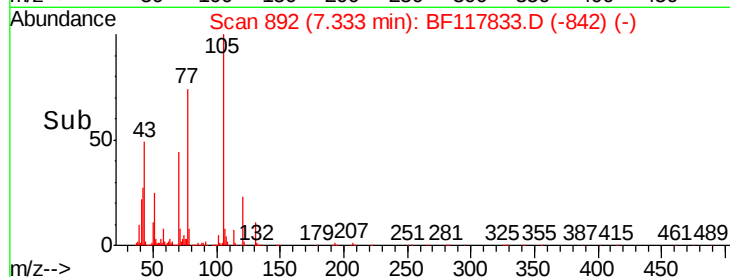
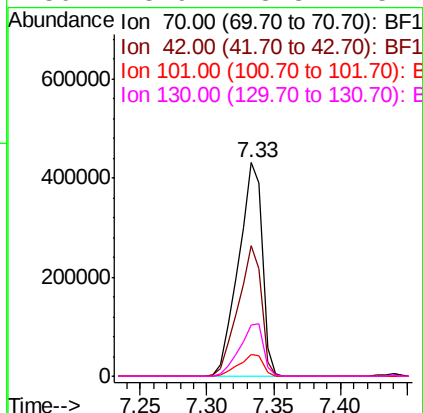
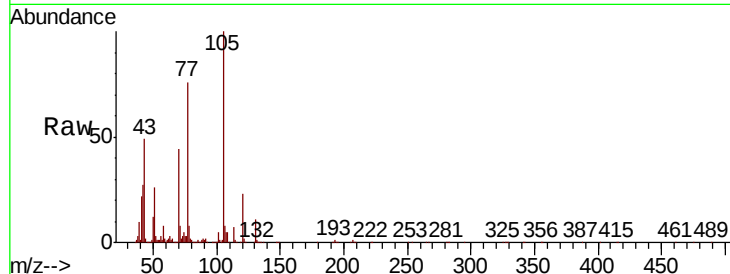
#19
n-Nitroso-di-n-propylamine
Concen: 41.857 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.1	47.4	71.2
101	10.3	8.4	12.6
130	23.9	18.8	28.2

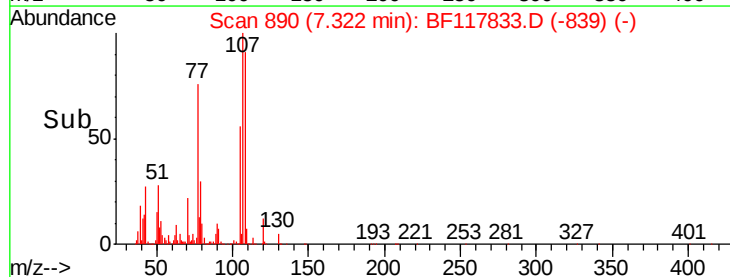
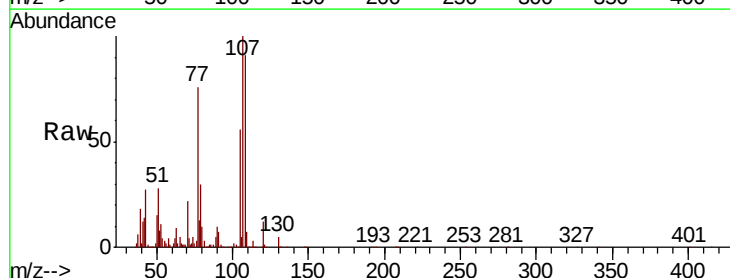
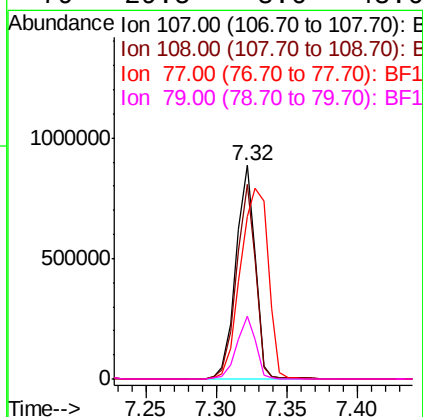
Manual Integrations
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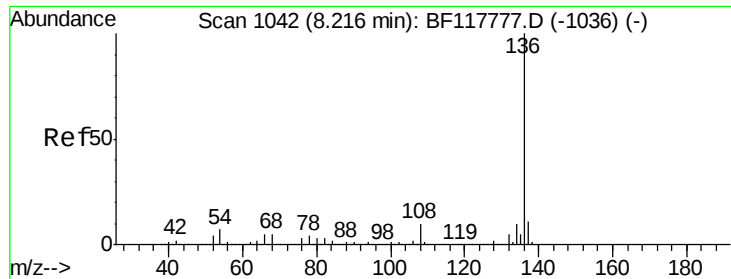
mohammad
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#20
3+4-Methylphenols
Concen: 43.108 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.4	108.4
77	75.8	35.2	75.2#
79	29.5	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

PB124878BS

Tot Ion:136 Resp: 1290964

Ion Ratio Lower Upper

136 100

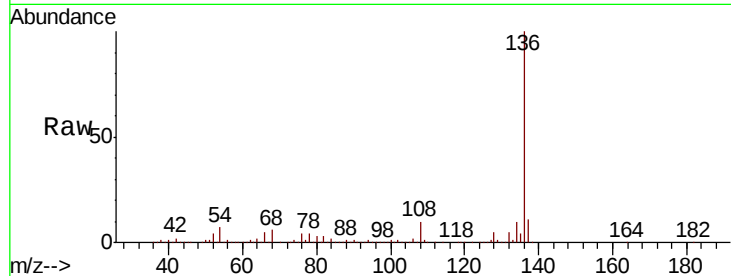
137 11.2 9.0 13.4

54 7.5 5.4 8.2

68 5.6 4.3 6.5

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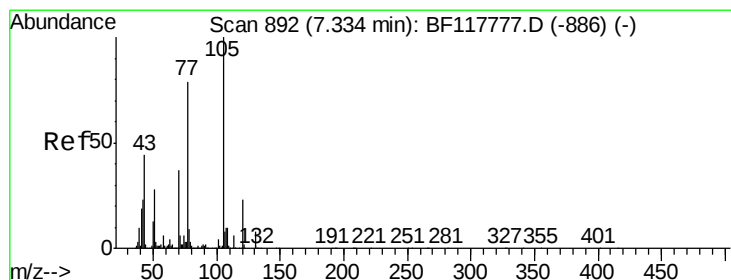
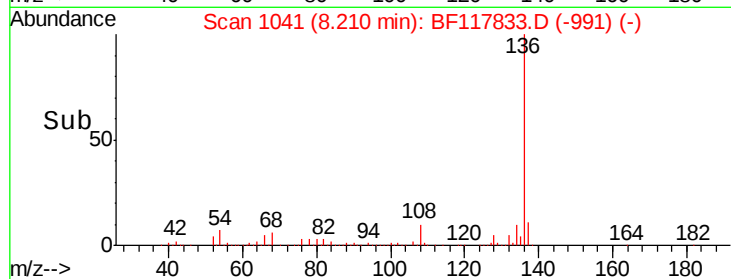
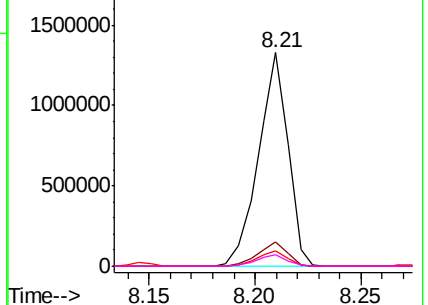


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 37.815 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Tgt Ion:105 Resp: 1096775

Ion Ratio Lower Upper

105 100

71 7.7 4.9 7.3#

51 26.1 22.7 34.1

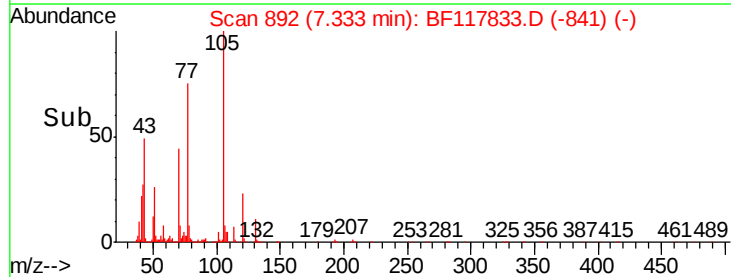
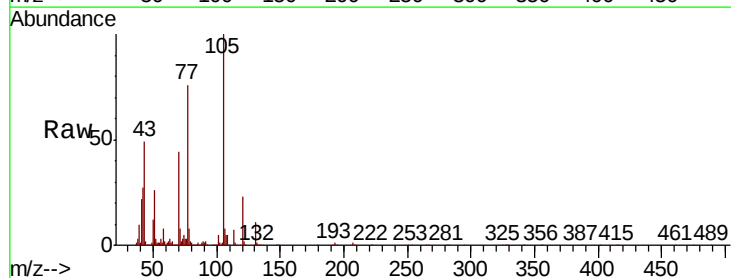
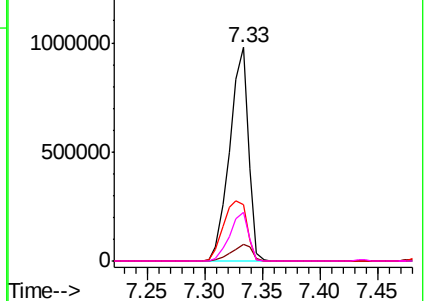
120 22.9 18.5 27.7

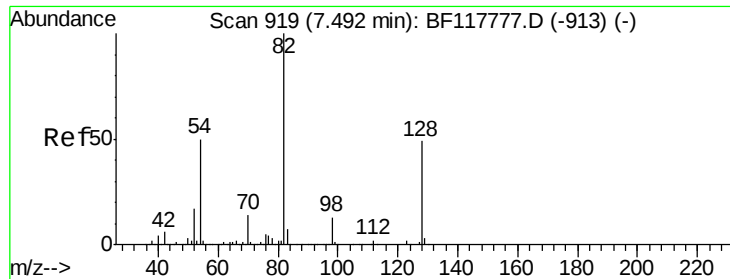
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





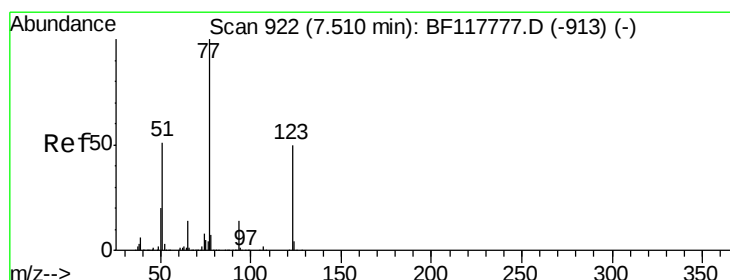
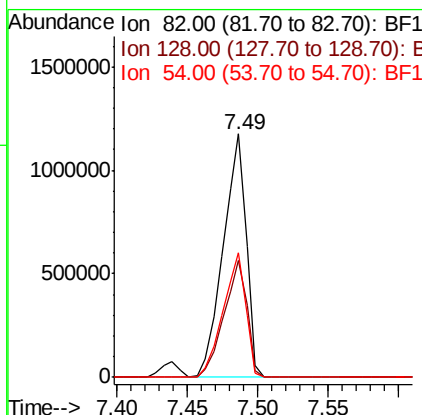
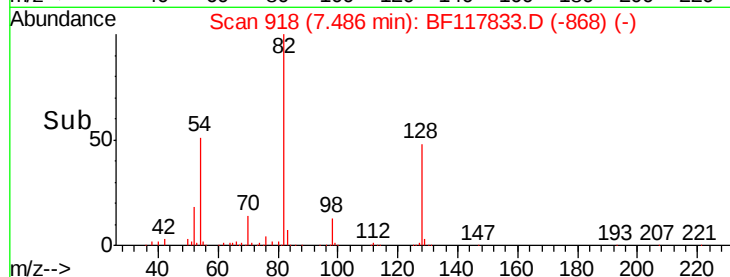
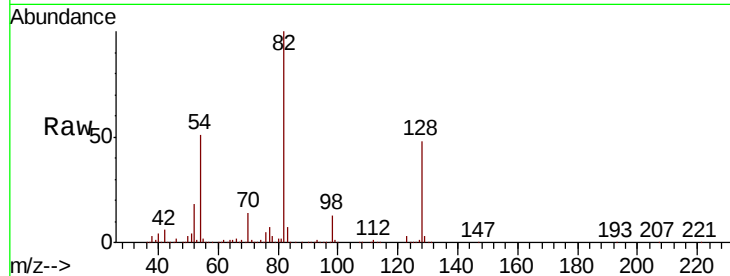
#23
Nitrobenzene-d5
Concen: 61.041 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion: 82 Resp: 1325602
Ion Ratio Lower Upper
82 100
128 48.2 38.9 58.3
54 51.0 39.8 59.6

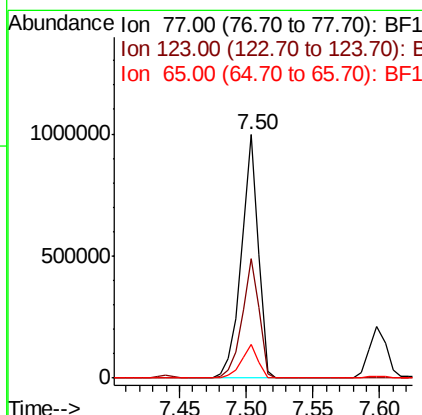
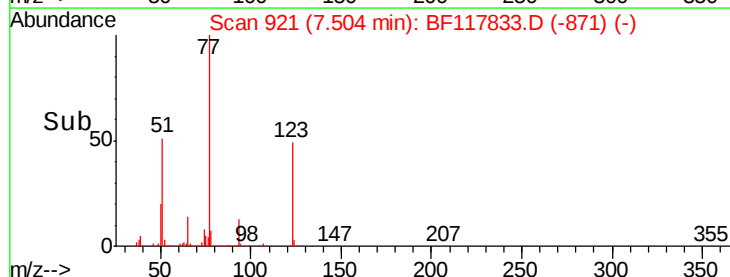
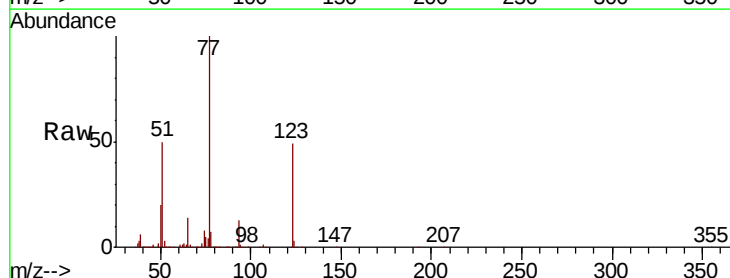
Manual Integrations
APPROVED

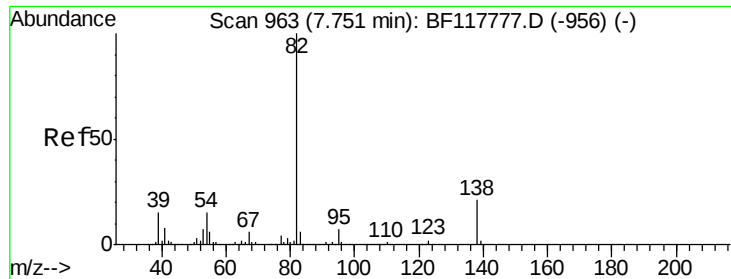
mohammad
11/19/2019 2:35:31 PM



#24
Nitrobenzene
Concen: 39.233 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion: 77 Resp: 878948
Ion Ratio Lower Upper
77 100
123 49.2 40.3 60.5
65 13.8 10.9 16.3





#25

Isophorone

Concen: 38.983 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

PB124878BS

Tot Ion: 82 Resp: 1551656

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

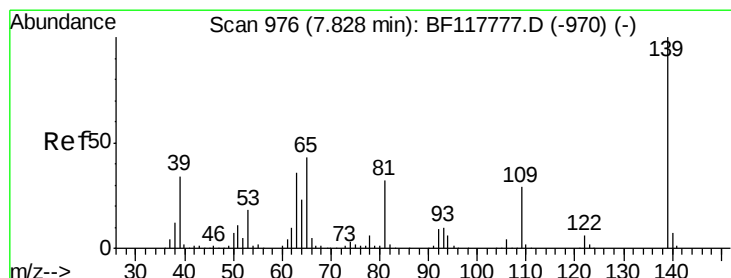
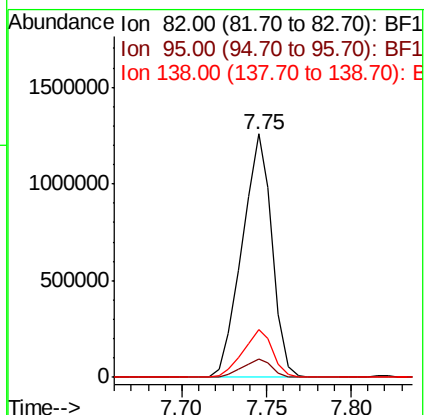
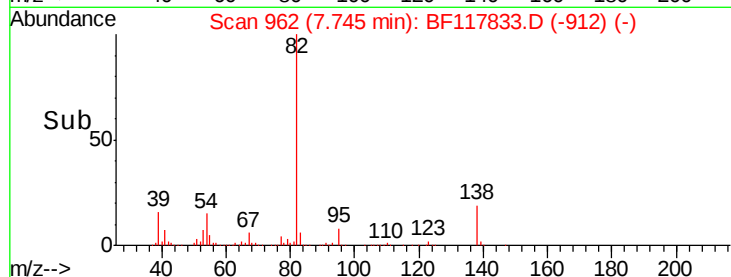
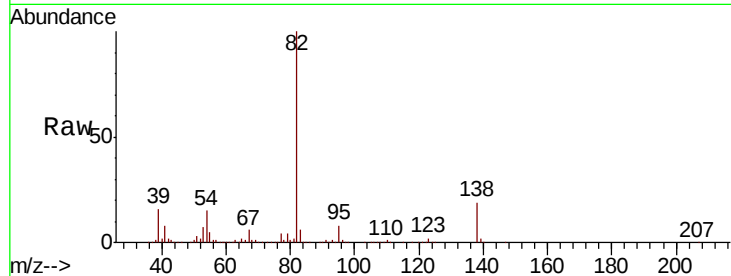
138 19.4 16.5 24.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 42.527 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

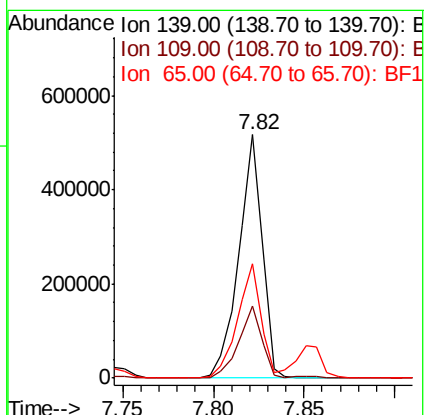
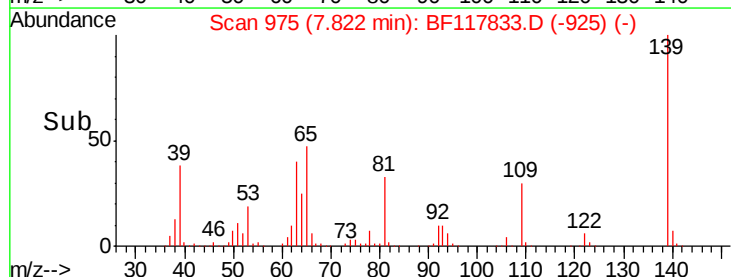
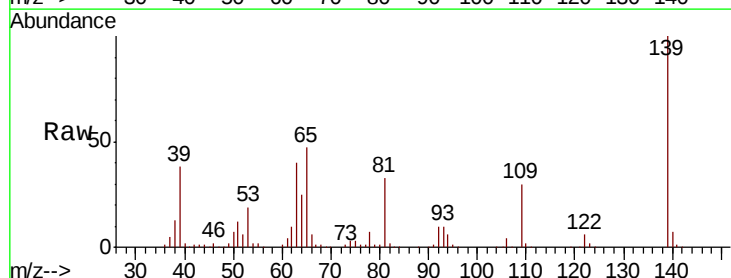
Tgt Ion: 139 Resp: 463736

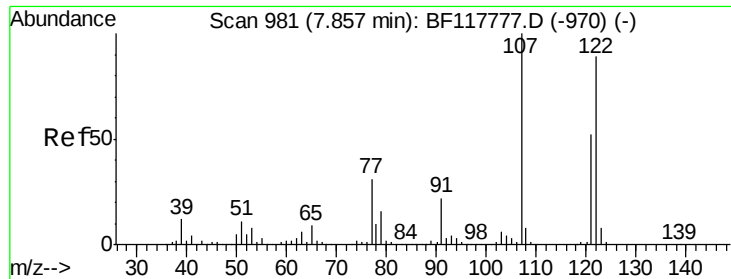
Ion Ratio Lower Upper

139 100

109 29.6 23.0 34.4

65 46.9 34.7 52.1





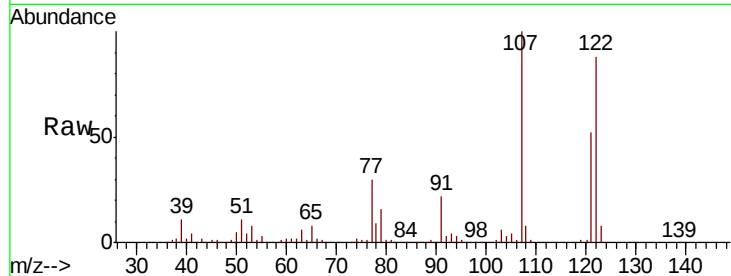
#27
 2,4-Dimethylphenol
 Concen: 45.773 ng
 RT: 7.86 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB124878BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	775595		
107	113.0	90.0	135.0	
121	59.0	46.7	70.1	

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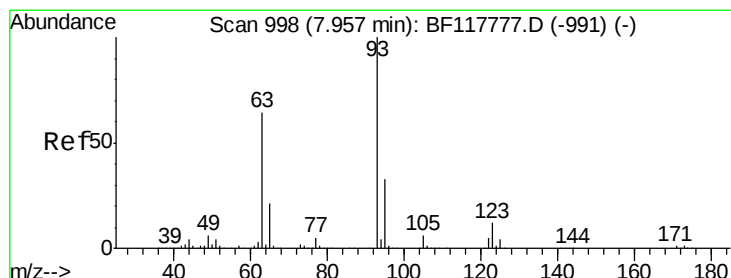
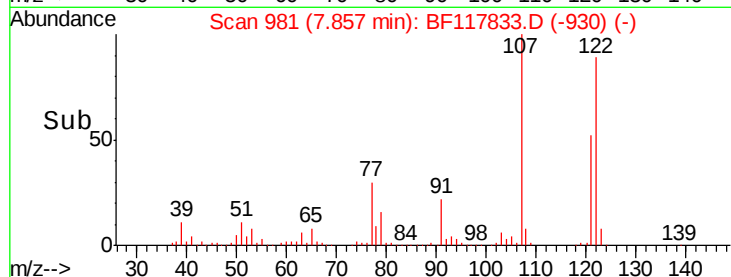
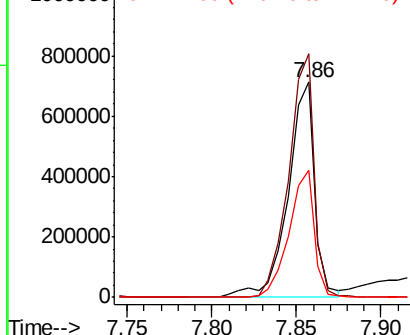


Abundance

Ion 122.00 (121.70 to 122.70): E

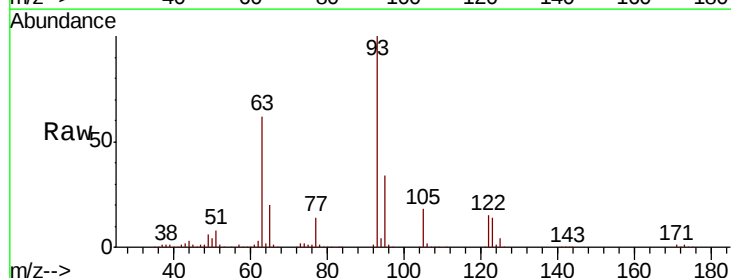
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.353 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	918197		
95	33.7	26.6	40.0	
123	13.7	10.3	15.5	

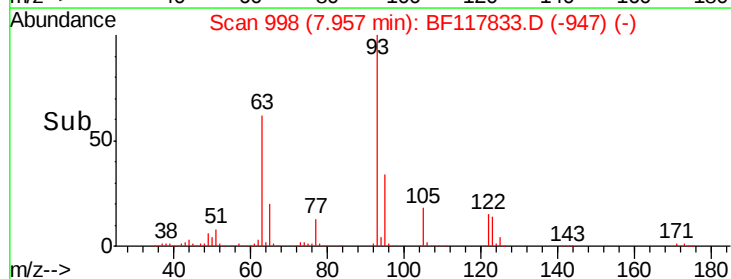
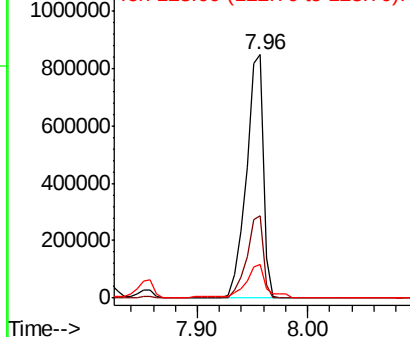


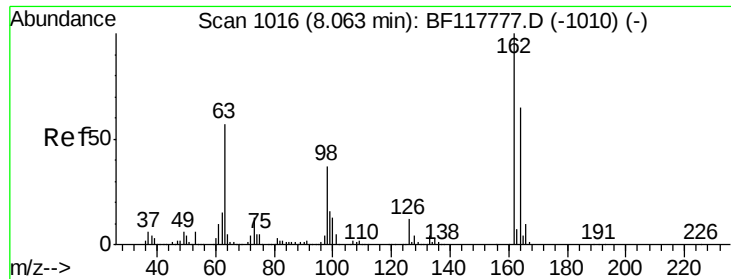
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





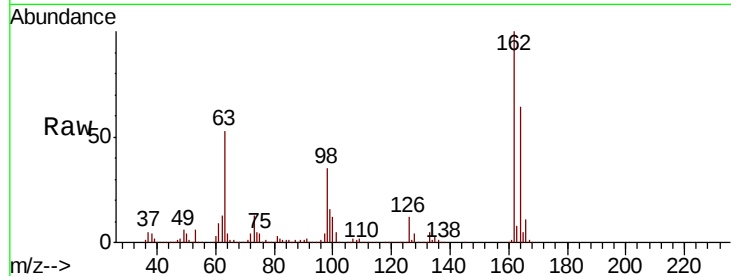
#29
2,4-Dichlorophenol
Concen: 39.310 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampled :
PB124878BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	722505		
164	64.3		45.1	85.1
98	34.9		17.2	57.2

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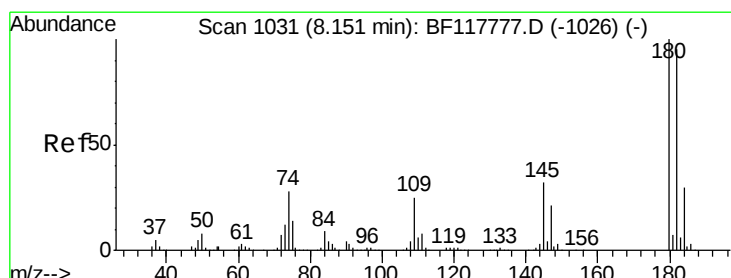
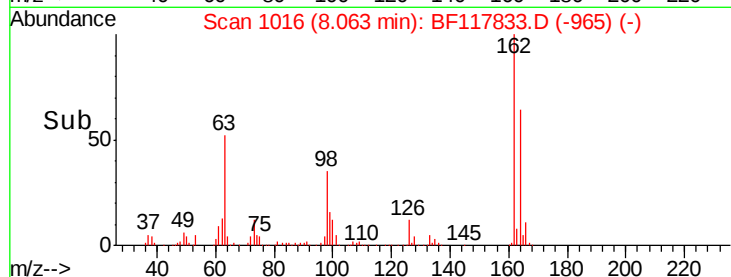
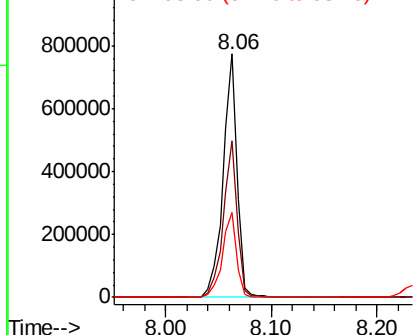


Abundance

Ion 162.00 (161.70 to 162.70): E

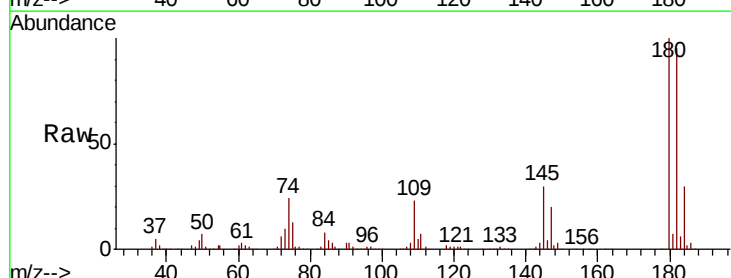
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.568 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	779599		
182	95.1		75.8	113.6
145	30.0		25.5	38.3

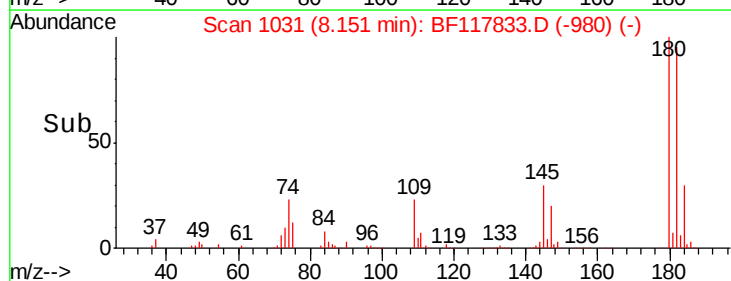
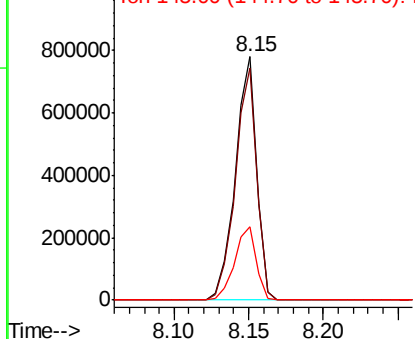


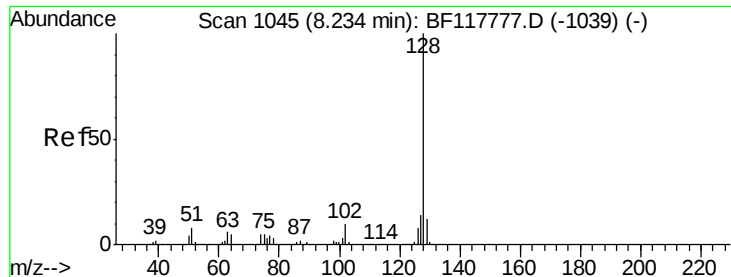
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





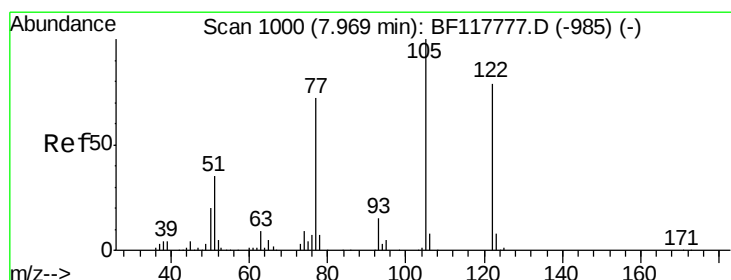
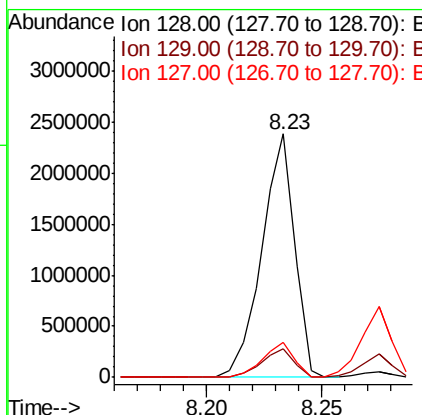
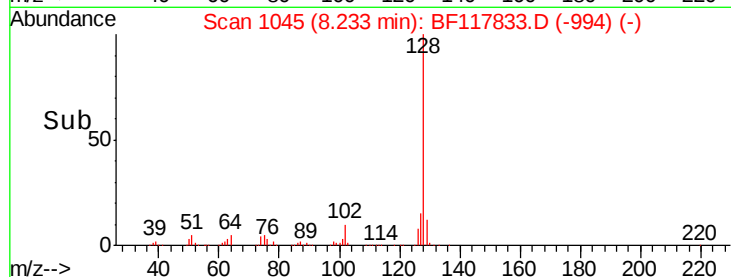
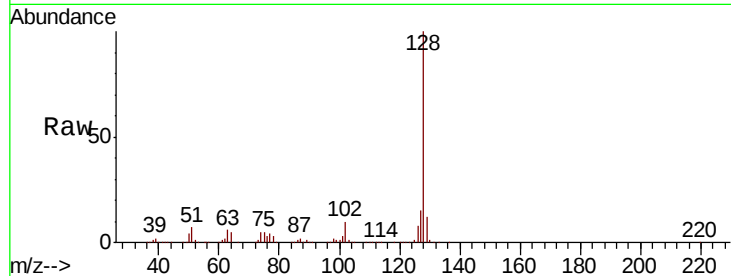
#31
Naphthalene
Concen: 39.217 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion:128 Resp: 2360196
Ion Ratio Lower Upper
128 100
129 11.7 9.5 14.3
127 14.6 11.3 16.9

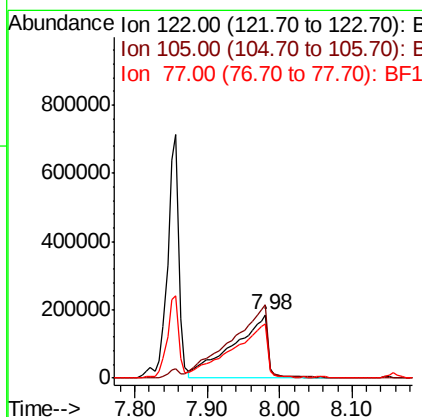
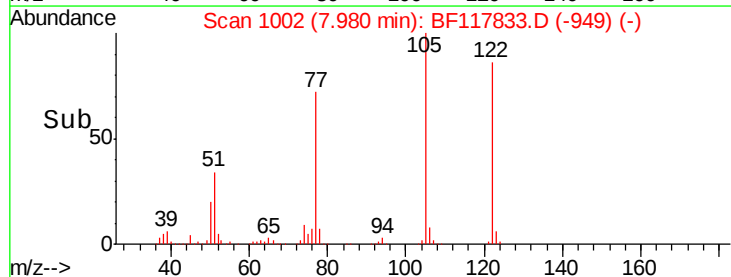
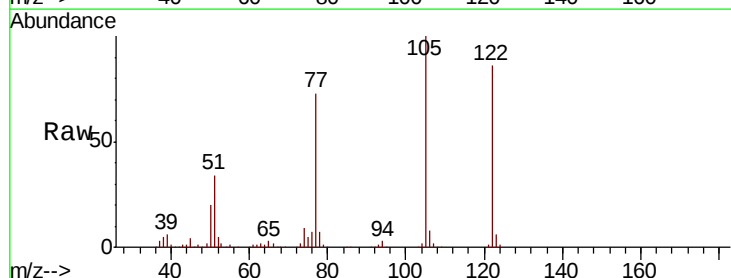
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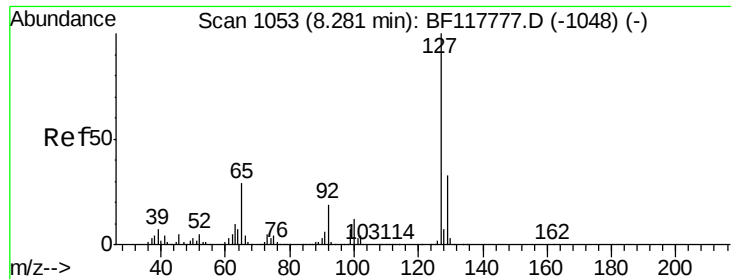
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#32
Benzoic acid
Concen: 43.554 ng
RT: 7.98 min Scan# 1002
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:122 Resp: 617924
Ion Ratio Lower Upper
122 100
105 116.3 102.7 142.7
77 85.0 70.5 110.5





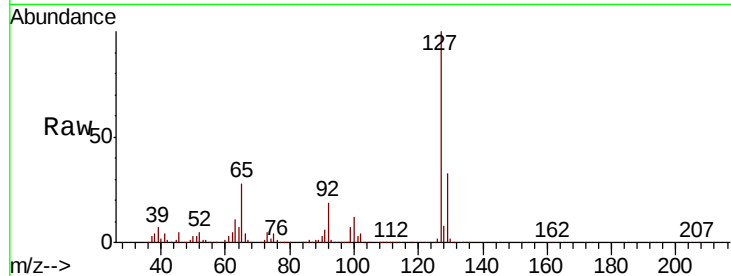
#33
4-Chloroaniline
Concen: 24.013 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		646981		
129	32.7	26.5	39.7		
65	28.4	22.9	34.3		
92	18.7	15.0	22.6		

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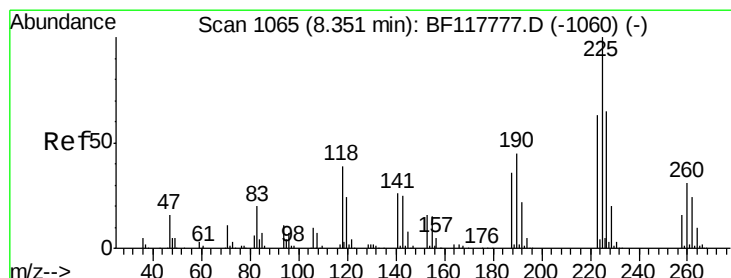
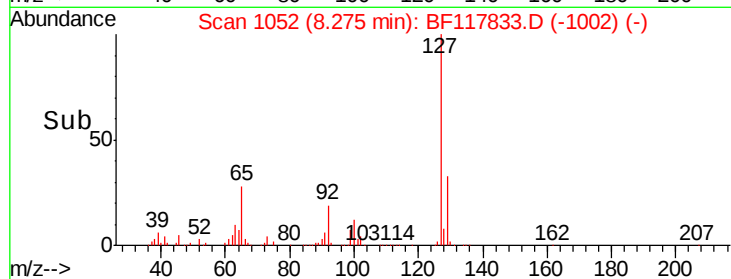
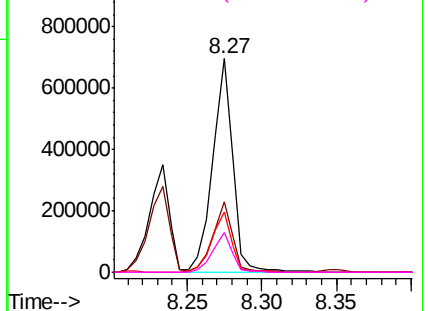
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

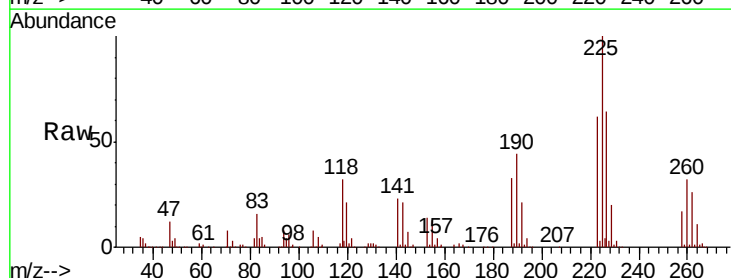
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 34.837 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		434228		
223	62.4	50.0	75.0		
227	64.2	51.8	77.6		

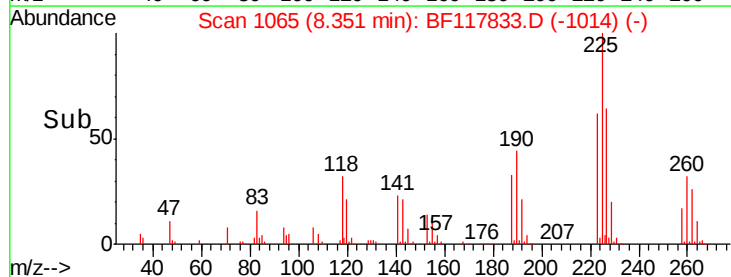
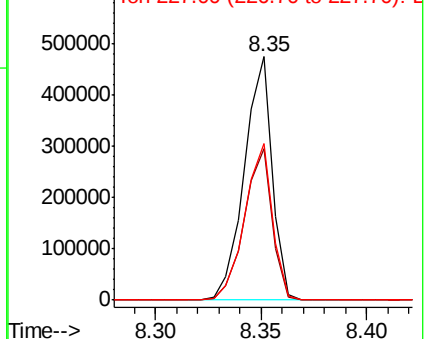


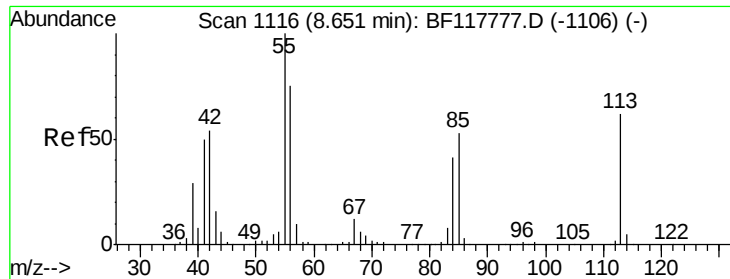
Abundance

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





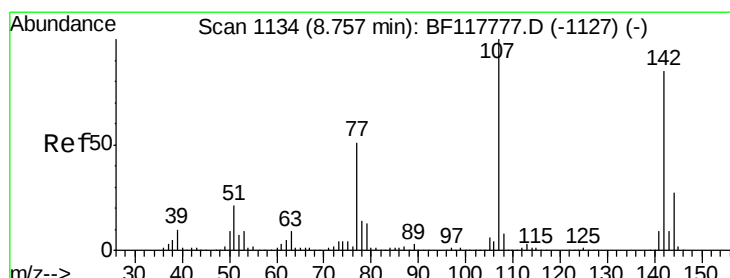
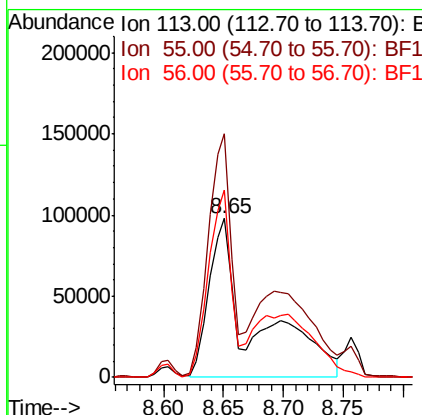
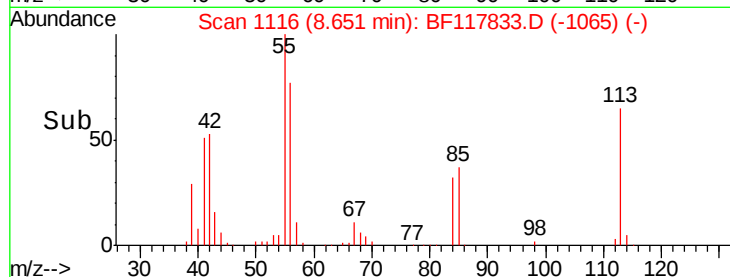
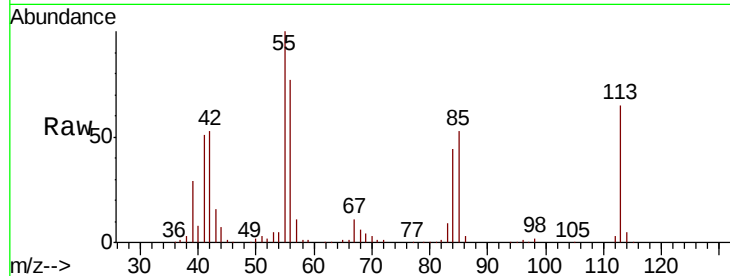
#35
Caprolactam
Concen: 42.849 ng/ml
RT: 8.65 min Scan# 1116
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	153.3	141.1	181.1
56	117.9	100.5	140.5

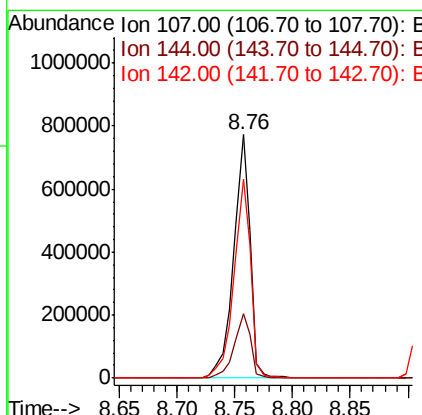
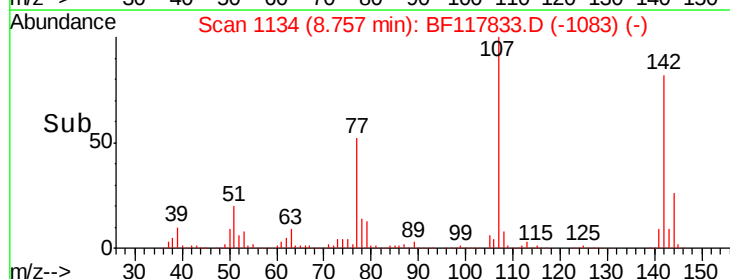
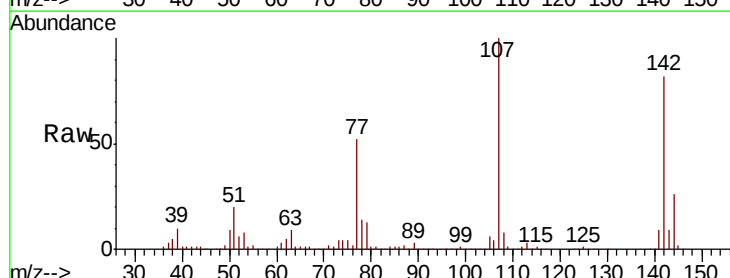
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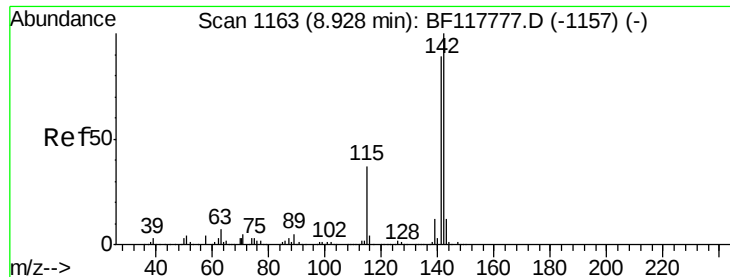
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#36
4-Chloro-3-methylphenol
Concen: 41.037 ng/ml
RT: 8.76 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	21.9	32.9
142	81.9	67.7	101.5





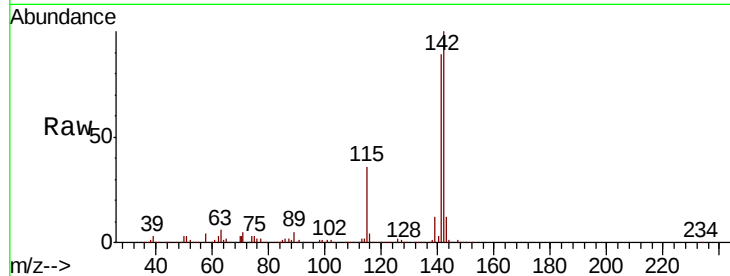
#37
2-Methylnaphthalene
Concen: 40.193 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

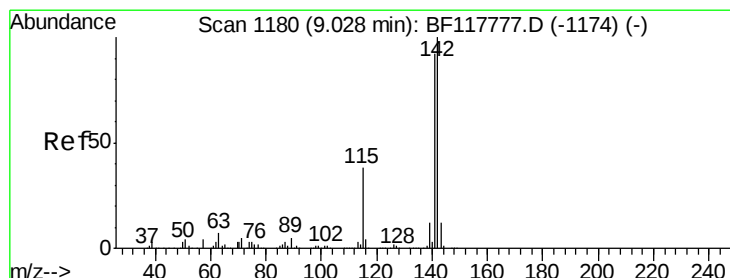
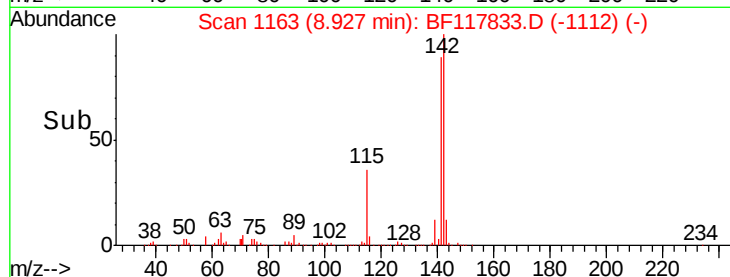
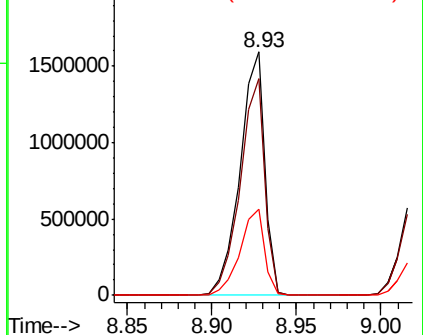
Tot Ion:142 Resp: 1634410
Ion Ratio Lower Upper
142 100
141 89.0 71.1 106.7
115 35.5 29.2 43.8

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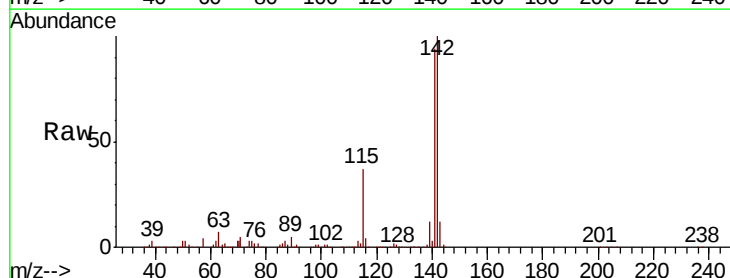


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

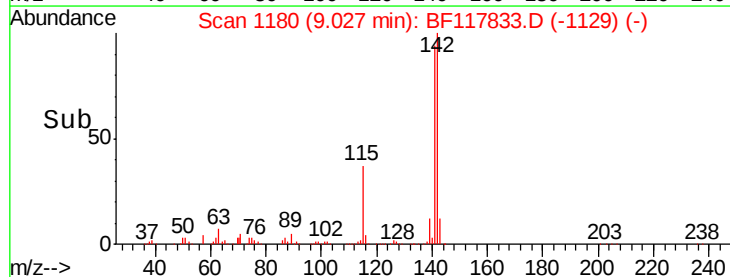
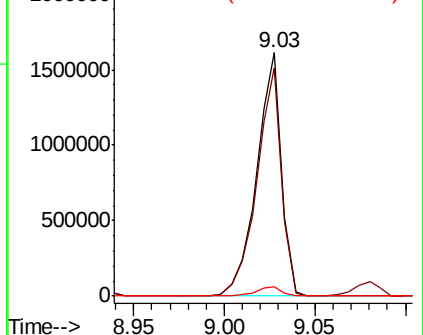


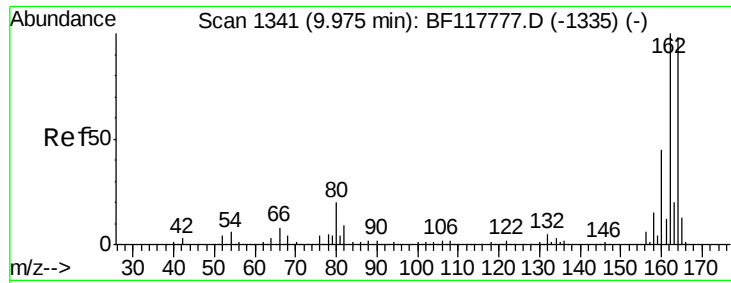
#38
1-Methylnaphthalene
Concen: 39.560 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:142 Resp: 1520823
Ion Ratio Lower Upper
142 100
141 93.6 73.5 110.3
116 4.1 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





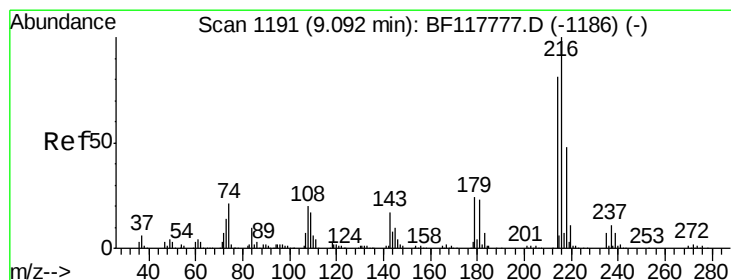
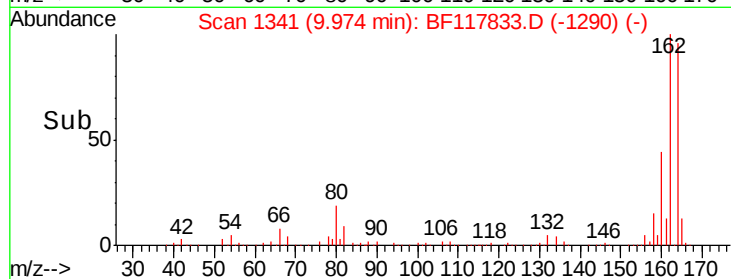
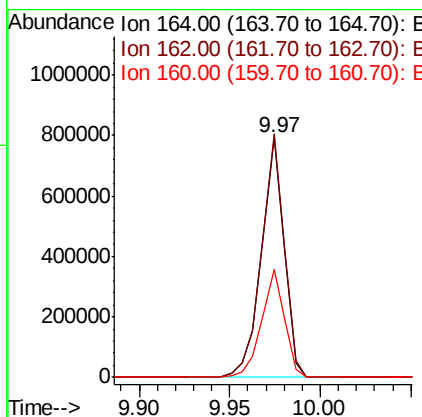
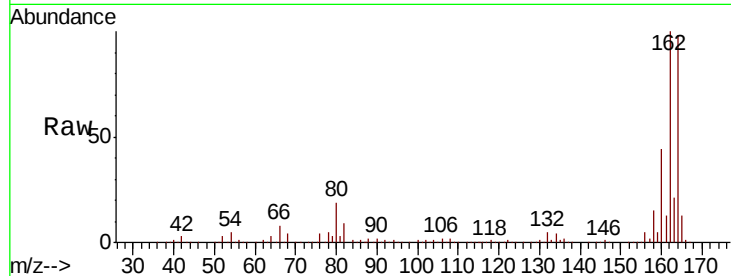
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.3	121.9
160	44.8	36.6	55.0

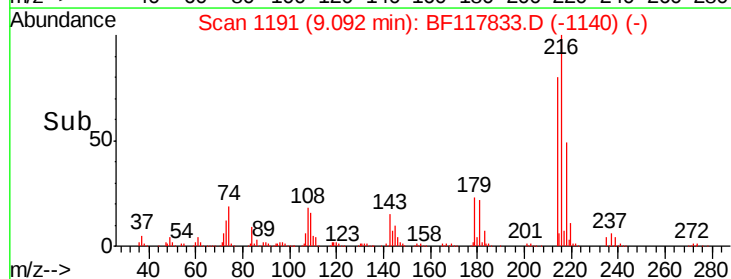
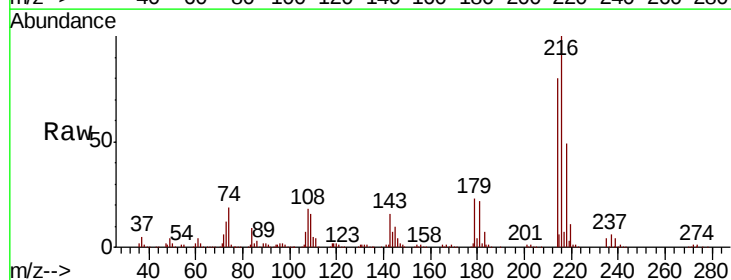
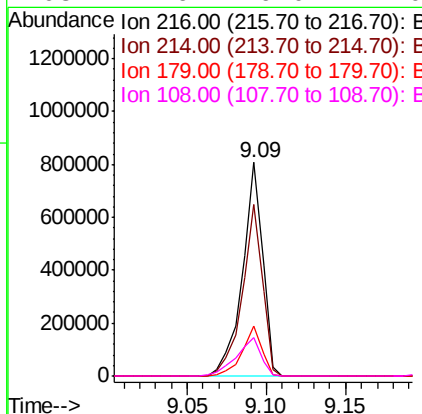
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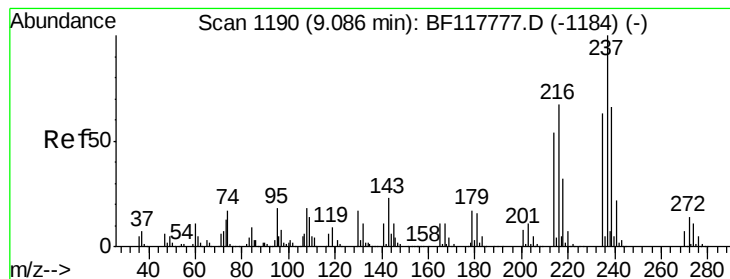
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.294 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.0
179	22.9	18.2	27.4
108	21.6	16.0	24.0





#41

Hexachlorocyclopentadiene

Concen: 63.975 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

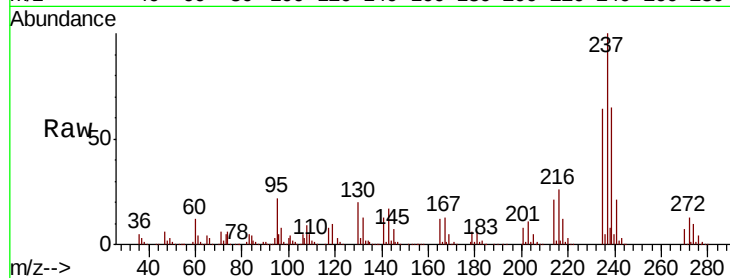
ClientSampleId :

PB124878BS

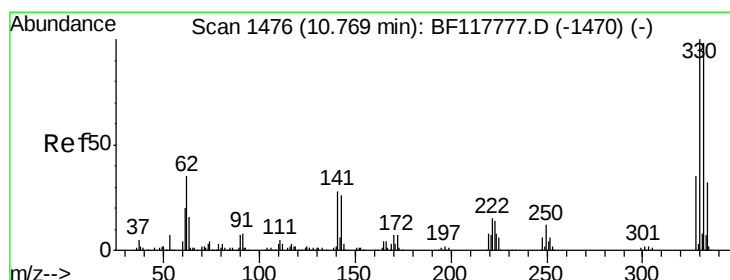
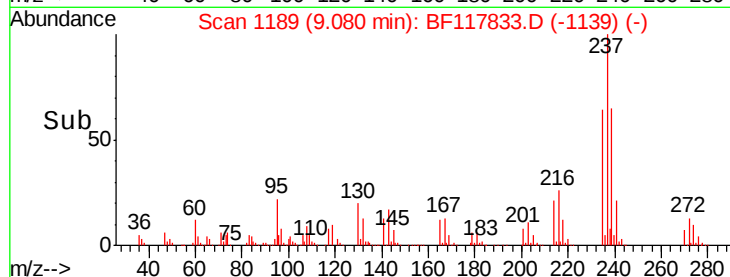
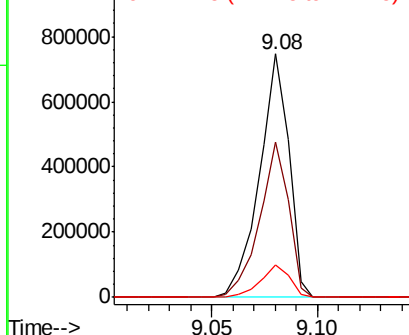
Tot Ion:	237	Resp:	726029
Ion Ratio	Lower	Upper	
237	100		
235	63.9	42.6	82.6
272	13.3	0.0	34.3

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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: 107.920 ng

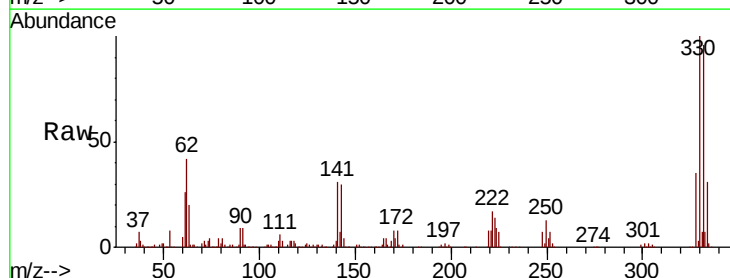
RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

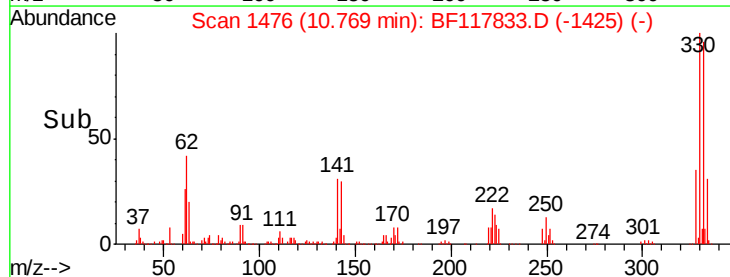
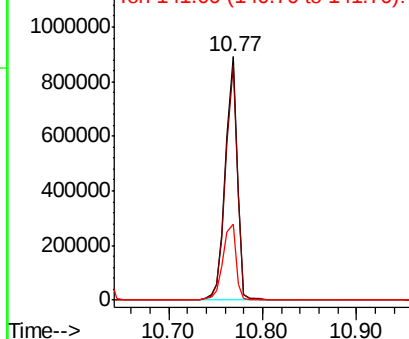
Lab File: BF117833.D

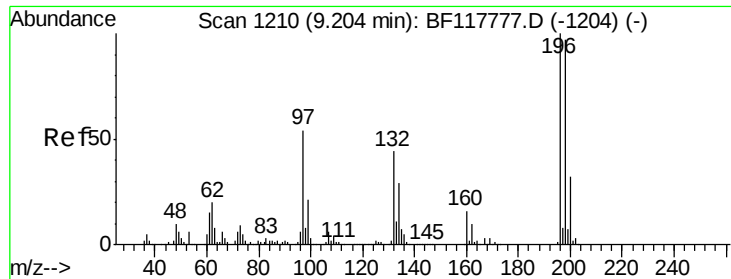
Acq: 18 Nov 2019 14:15

Tgt Ion:	330	Resp:	796719
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.7	115.1
141	33.9	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





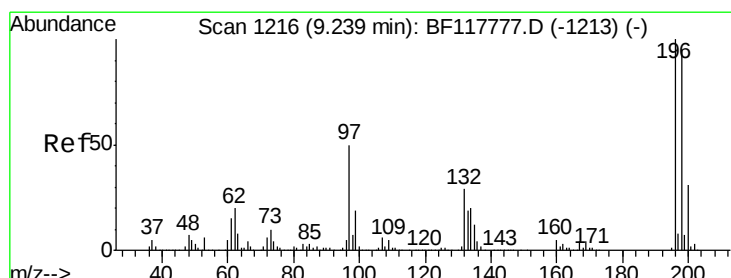
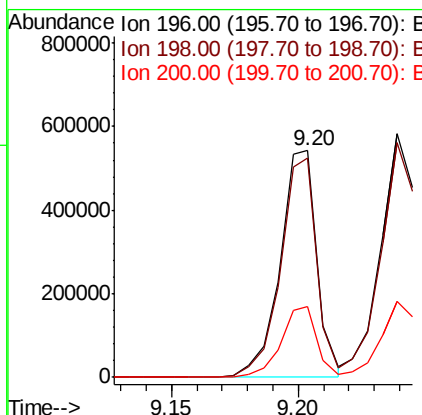
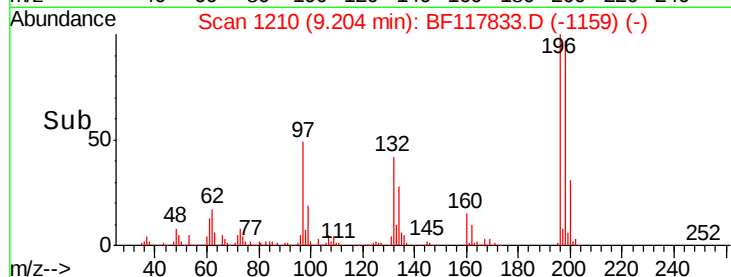
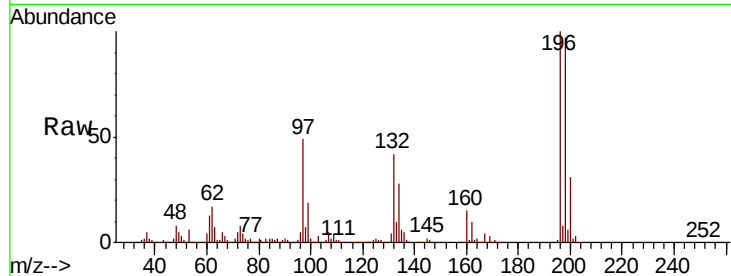
#43
 2,4,6-Trichlorophenol
 Concen: 37.965 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB124878BS

Tot Ion:	196	Resp:	550676
Ion Ratio	Lower	Upper	
196	100		
198	96.6	77.8	116.6
200	31.1	25.4	38.0

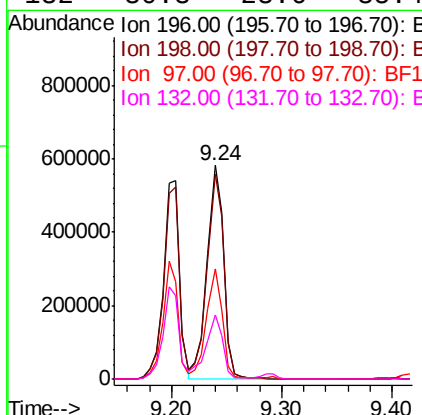
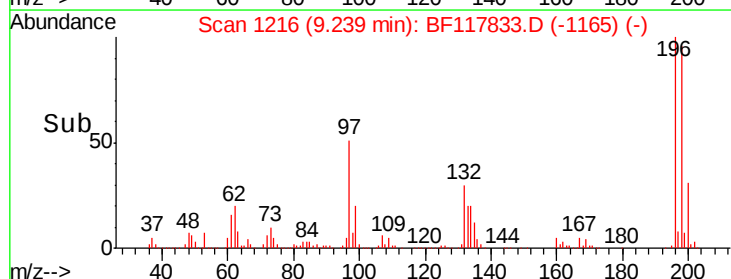
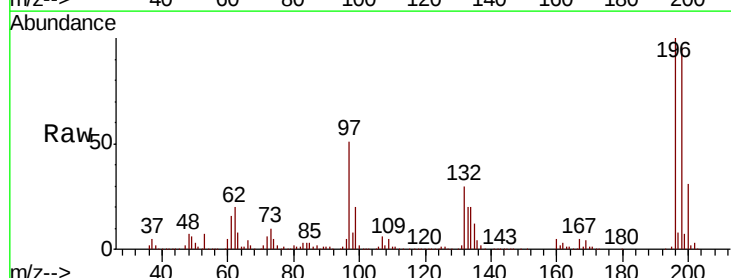
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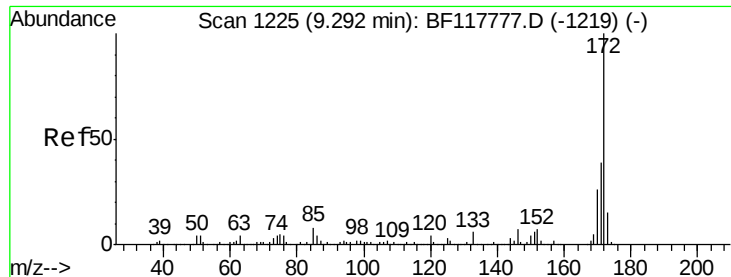
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#44
 2,4,5-Trichlorophenol
 Concen: 39.143 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion:	196	Resp:	589497
Ion Ratio	Lower	Upper	
196	100		
198	96.2	76.3	114.5
97	51.5	40.0	60.0
132	30.3	23.6	35.4





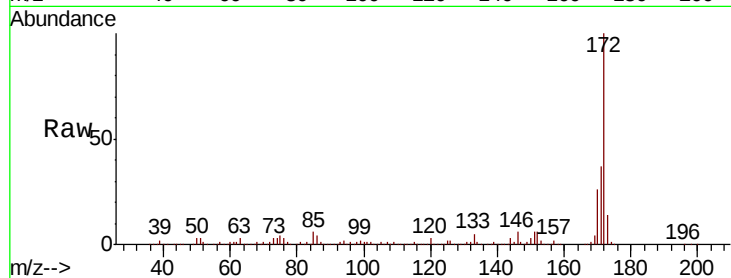
#45
2-Fluorobiphenyl
Concen: 65.312 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.9	46.3
170	25.6	21.0	31.4

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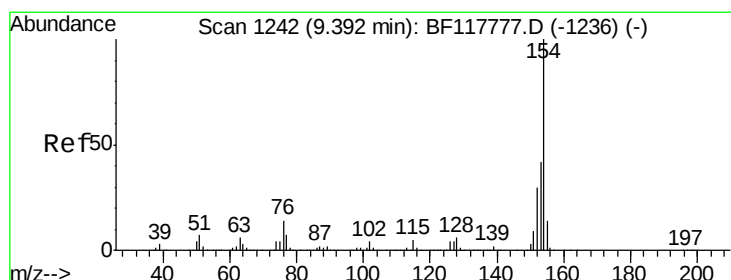
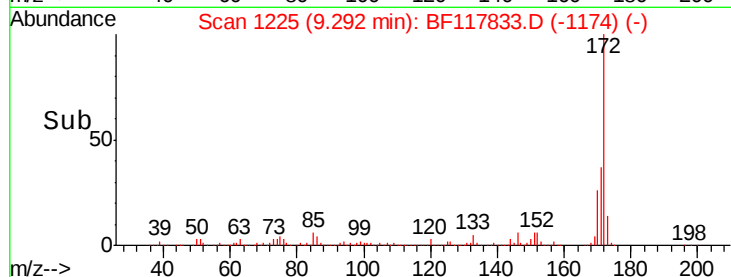
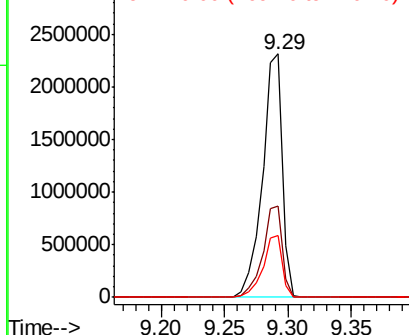


Abundance

Ion 172.00 (171.70 to 172.70): E

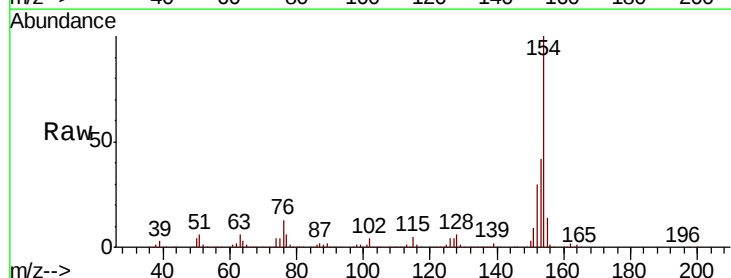
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 37.600 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.9	61.9
76	12.8	0.0	33.6

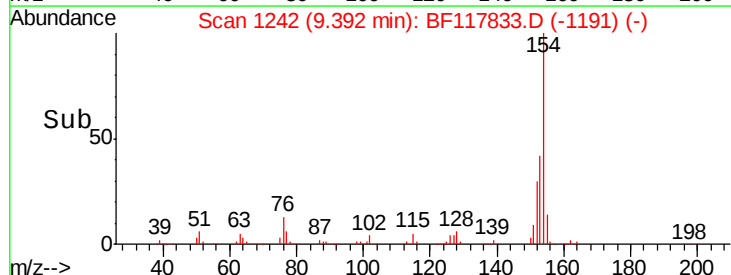
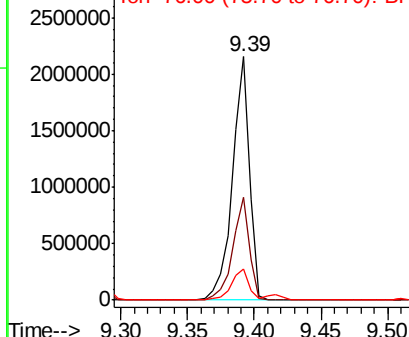


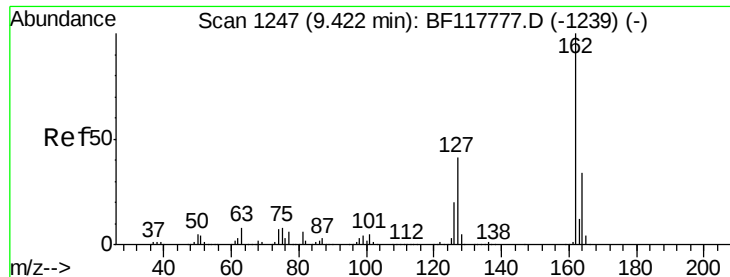
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





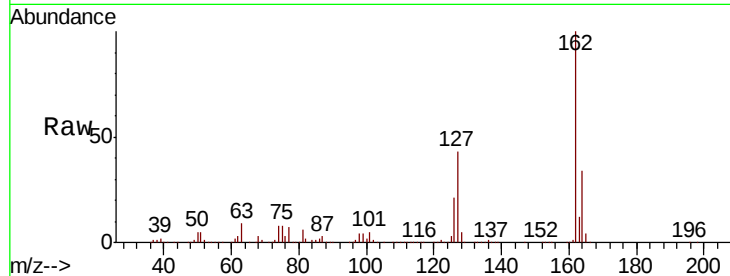
#47
2-Chloronaphthalene
Concen: 36.307 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

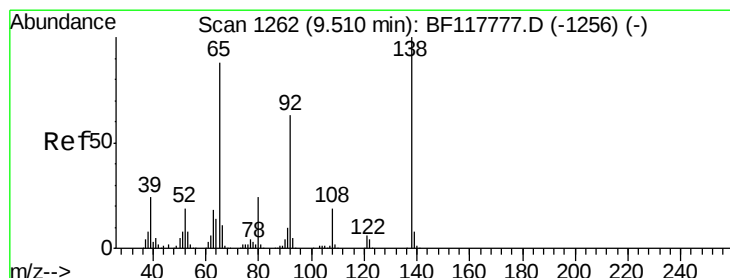
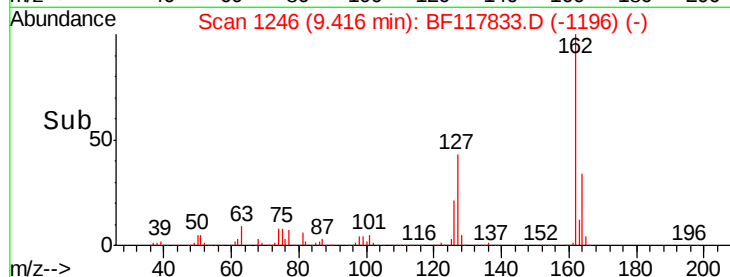
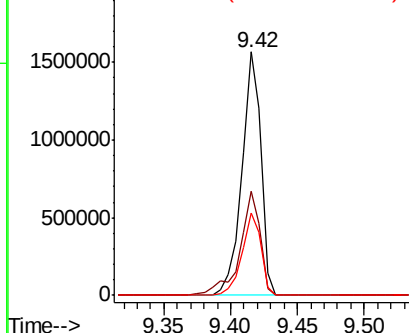
Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	33.2	49.8
164	33.7	27.3	40.9

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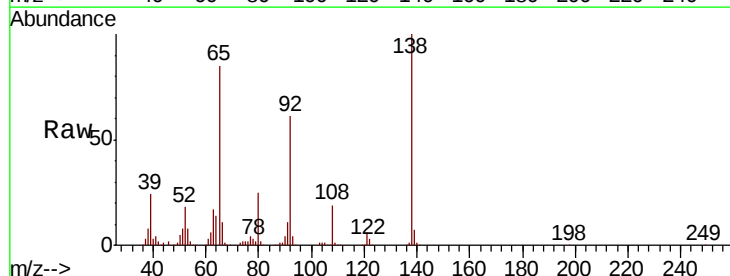


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

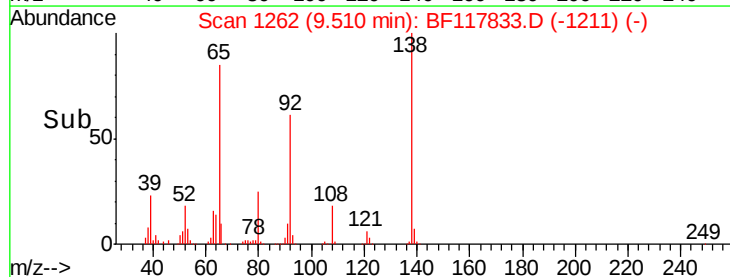
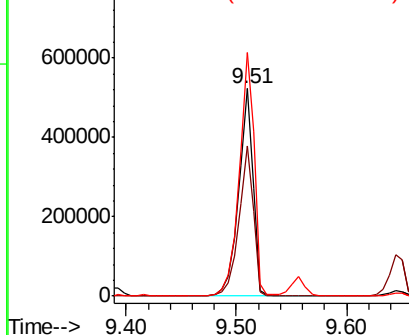


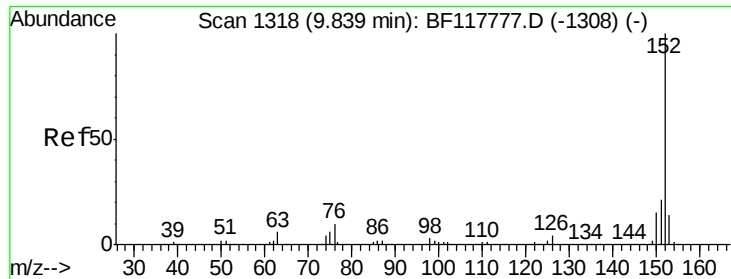
#48
2-Nitroaniline
Concen: 37.748 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	56.6	84.8
138	117.4	90.5	135.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.793 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

PB124878BS

Tot Ion:152 Resp: 2407132

Ion Ratio Lower Upper

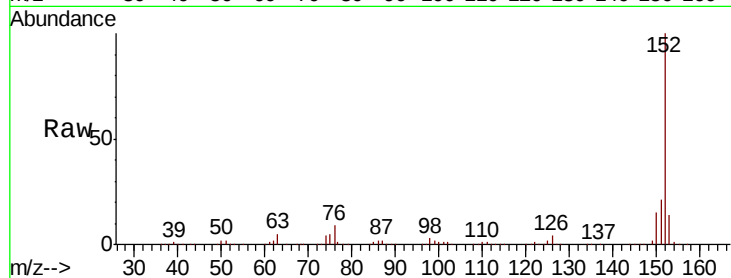
152 100

151 21.5 17.0 25.6

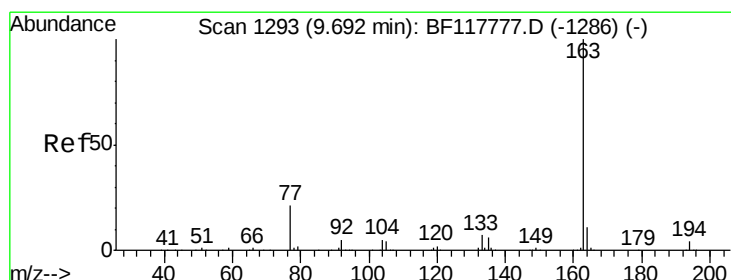
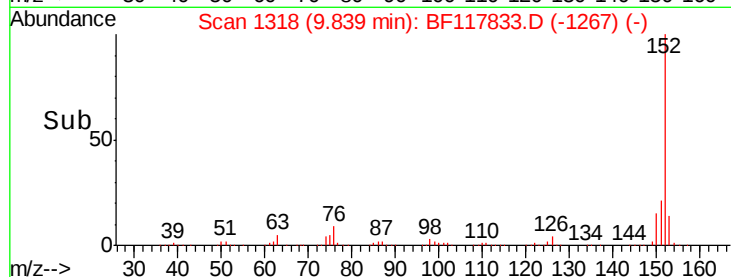
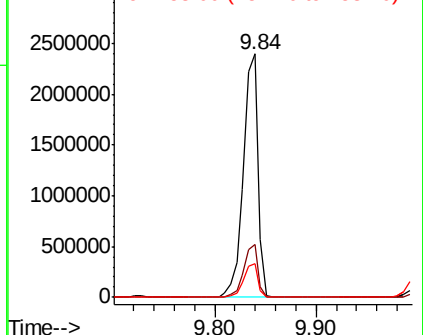
153 13.8 11.0 16.6

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



#50

Dimethylphthalate

Concen: 37.042 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

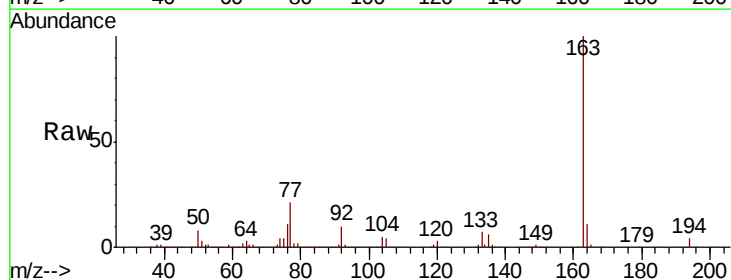
Tgt Ion:163 Resp: 1811344

Ion Ratio Lower Upper

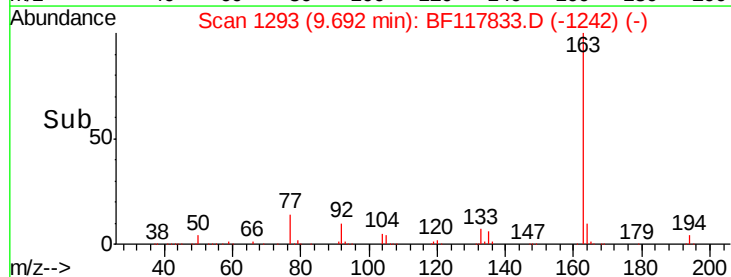
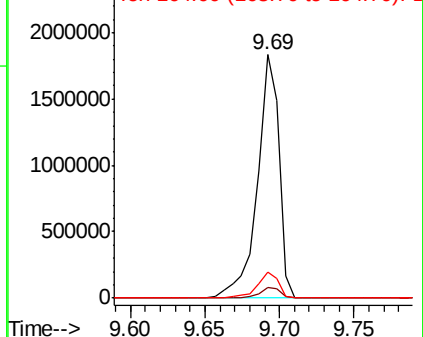
163 100

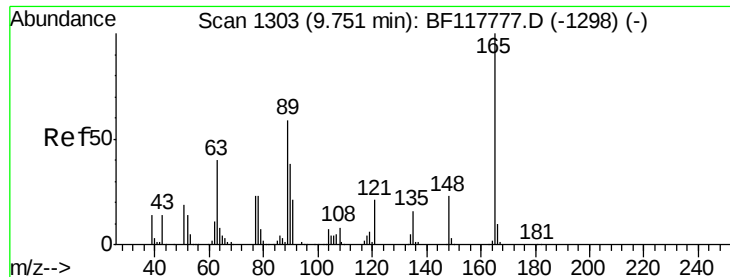
194 4.1 3.3 4.9

164 10.7 8.7 13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





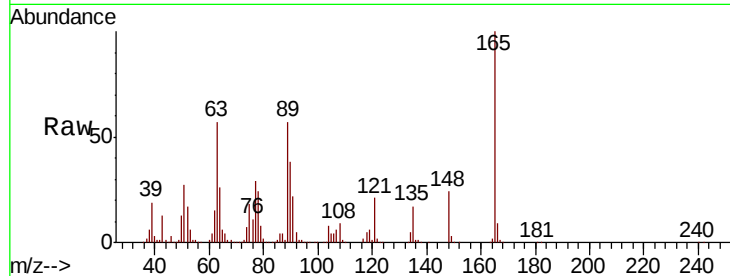
#51
2,6-Dinitrotoluene
Concen: 40.320 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.6	46.0	69.0
89	57.0	47.7	71.5

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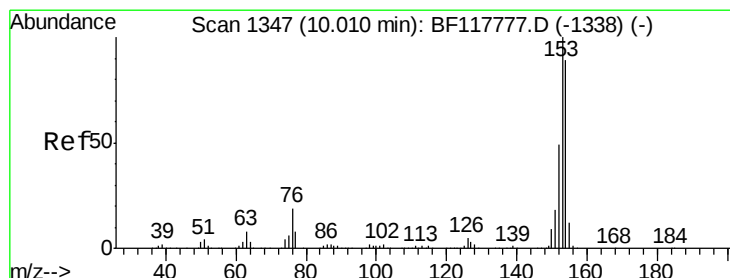
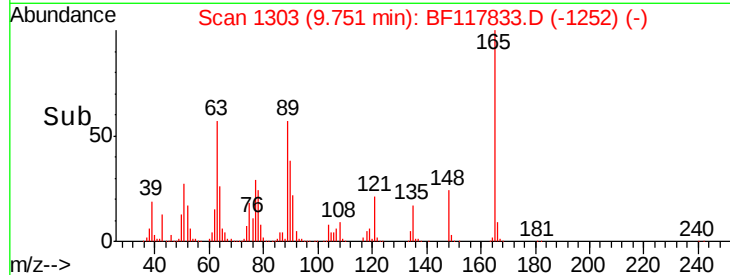
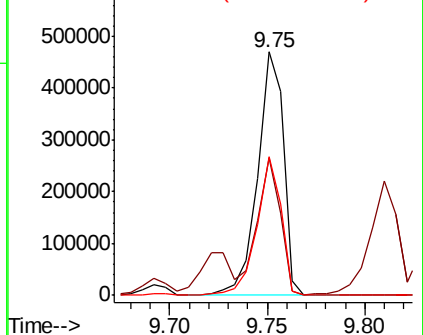


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 41.555 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

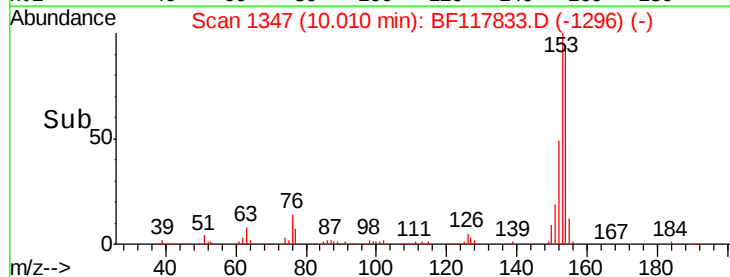
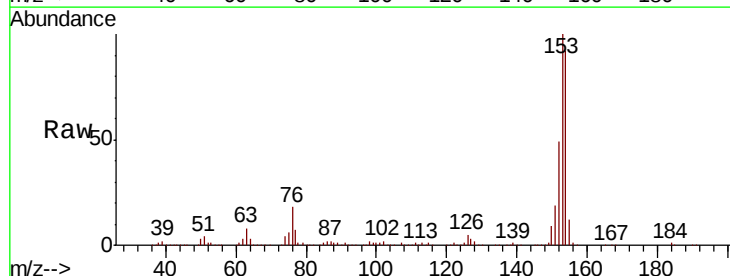
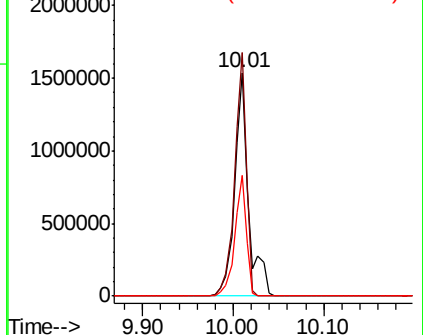
Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.1	90.1	135.1
152	53.9	44.0	66.0

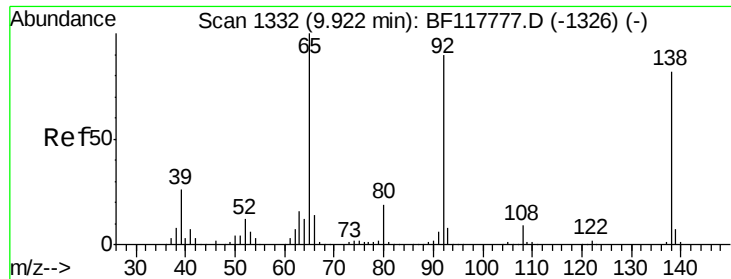
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





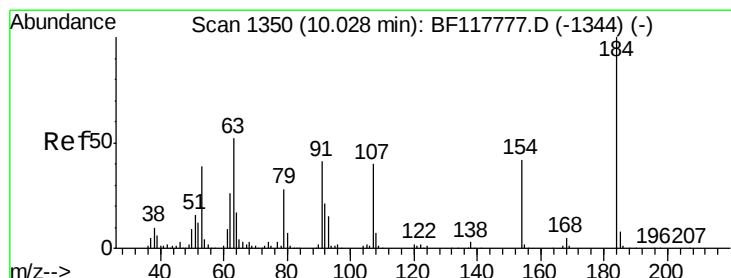
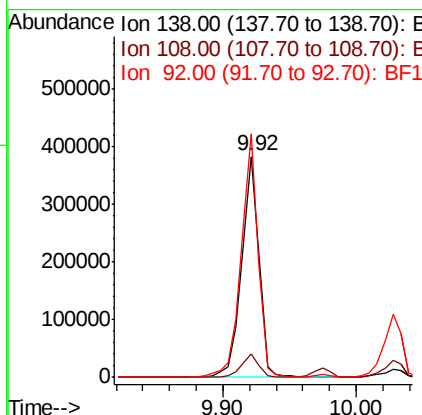
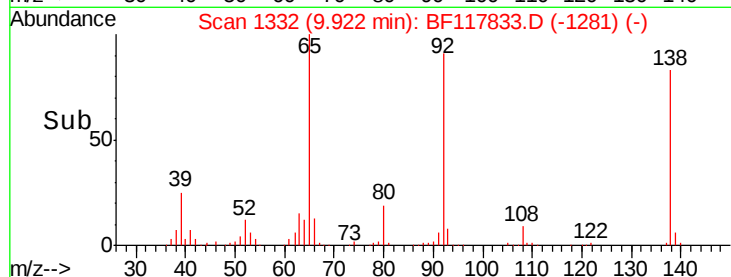
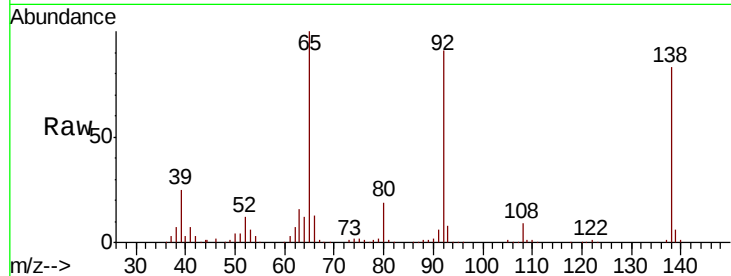
#53
3-Nitroaniline
Concen: 27.193 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	8.6	12.8
92	110.1	87.9	131.9

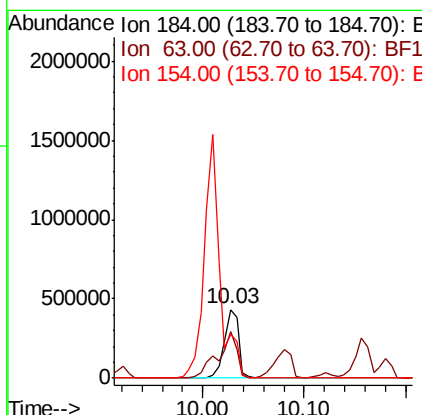
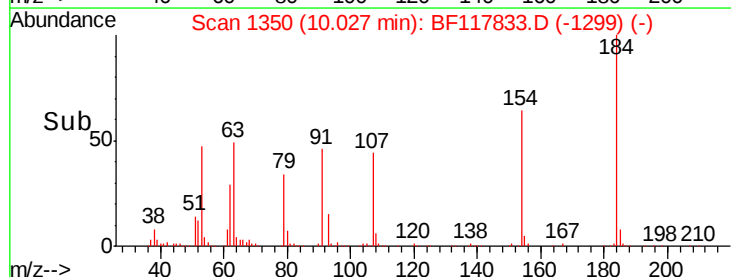
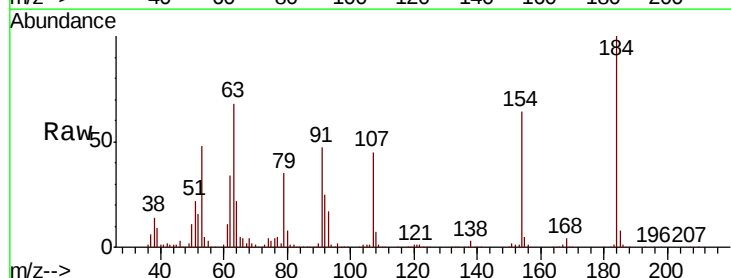
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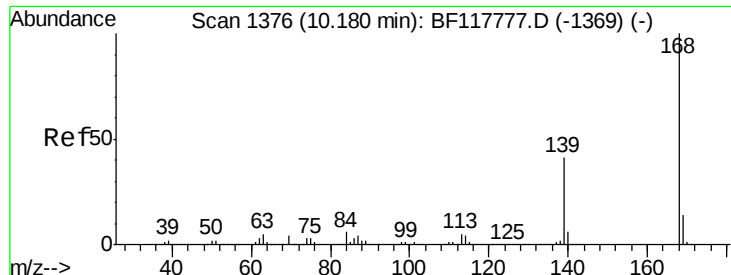
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#54
2,4-Dinitrophenol
Concen: 77.920 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
184	100		
63	67.8	43.0	64.6#
154	63.7	48.0	72.0





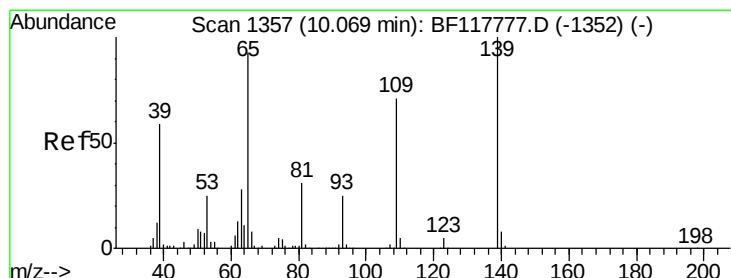
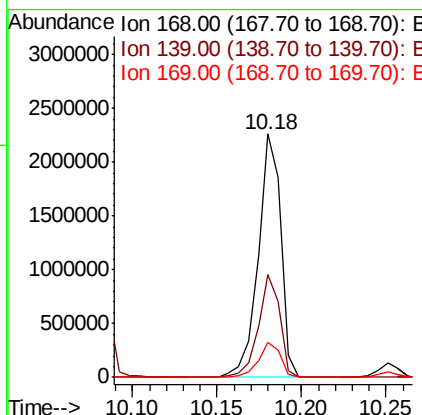
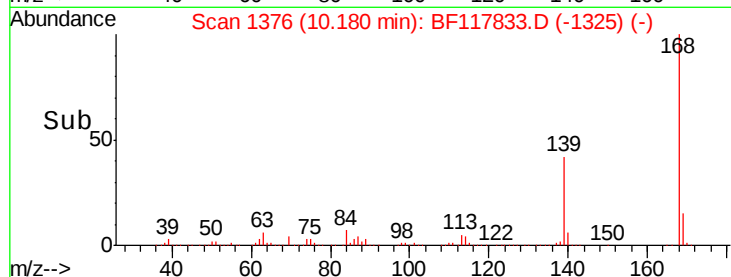
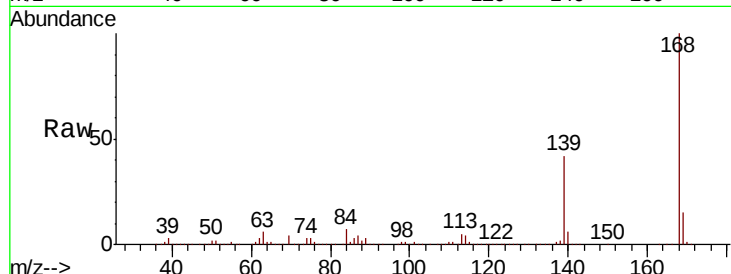
#55
Dibenzenofuran
Concen: 38.185 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ion	Ratio	Lower	Upper
168	100			
139	42.1	33.0	49.6	
169	14.6	11.5	17.3	

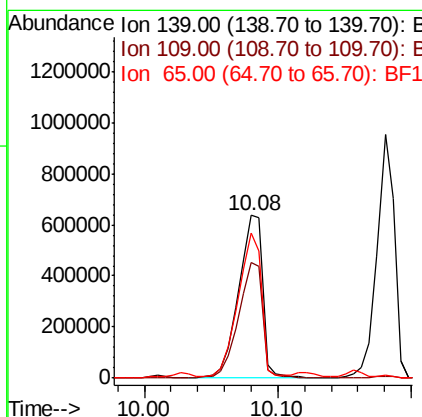
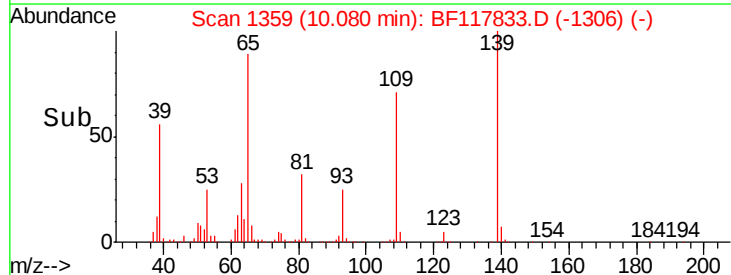
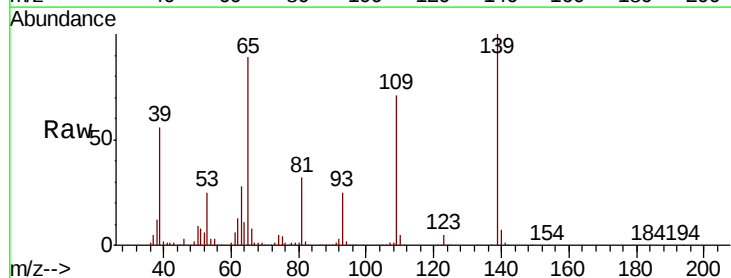
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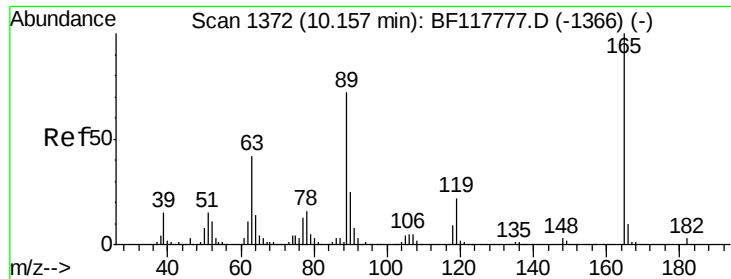
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#56
4-Nitrophenol
Concen: 83.505 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ion	Ratio	Lower	Upper
139	100			
109	71.2	50.8	90.8	
65	89.3	73.6	113.6	





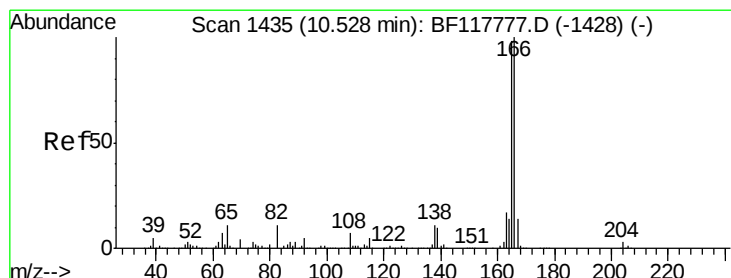
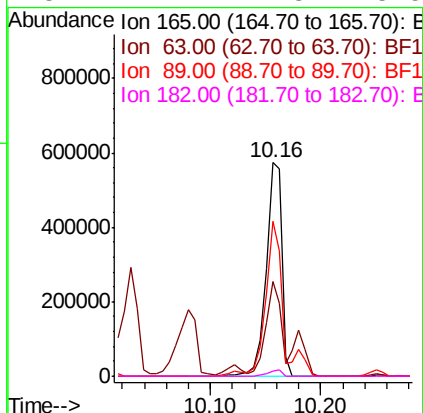
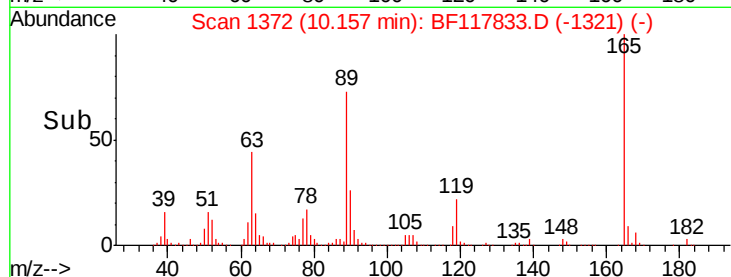
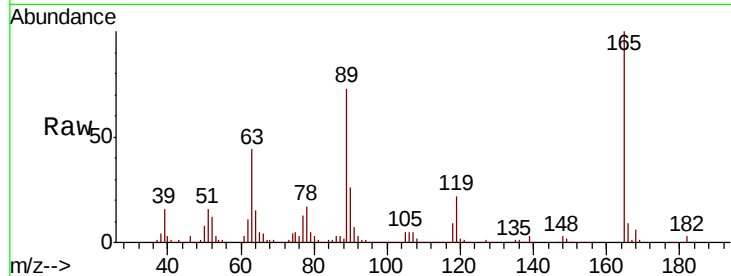
#57
2,4-Dinitrotoluene
Concen: 42.084 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.2	33.7	50.5
89	72.6	57.3	85.9
182	2.7	2.3	3.5

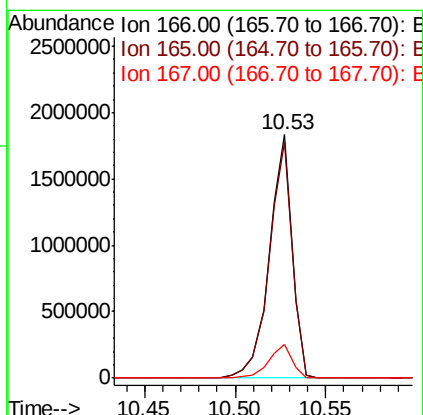
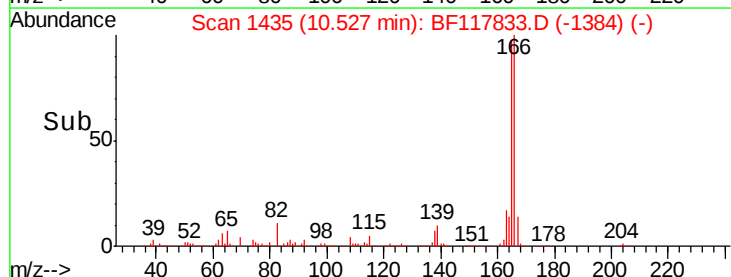
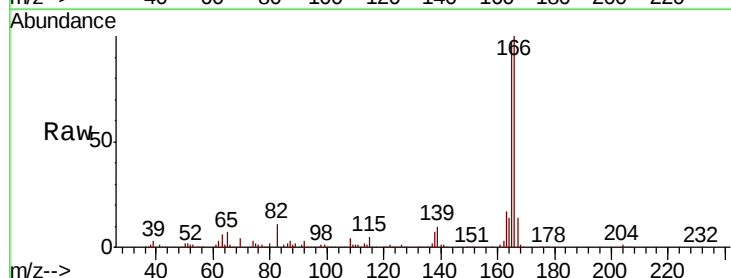
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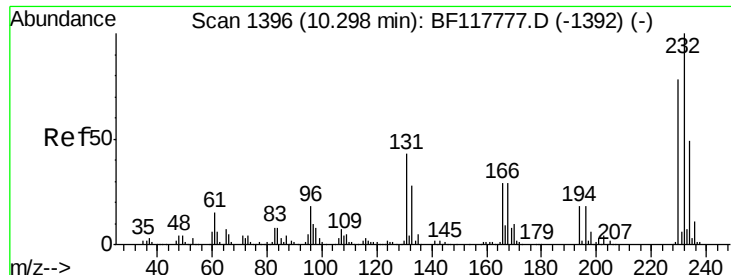
mohammad
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#58
Fluorene
Concen: 37.409 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.4	117.6
167	13.9	11.0	16.4





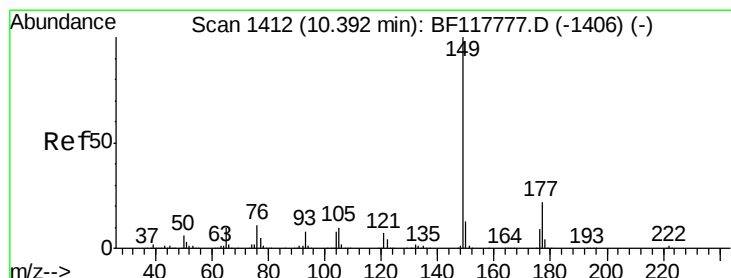
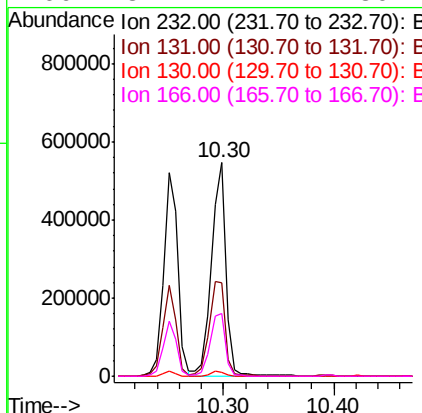
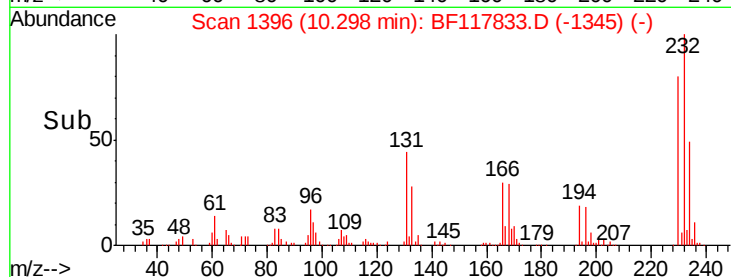
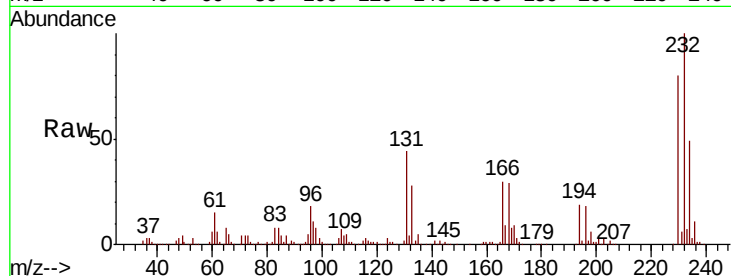
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.134 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.0	37.6	56.4
130	2.4	1.9	2.9
166	31.2	24.2	36.4

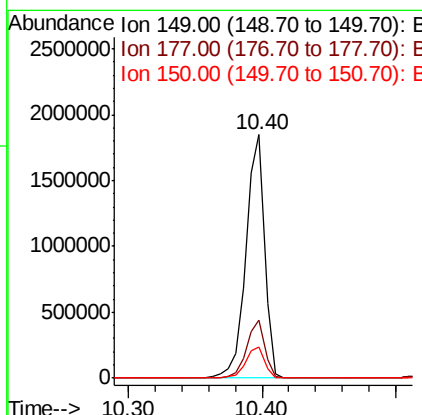
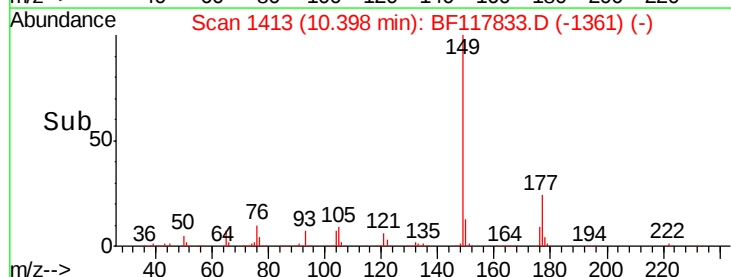
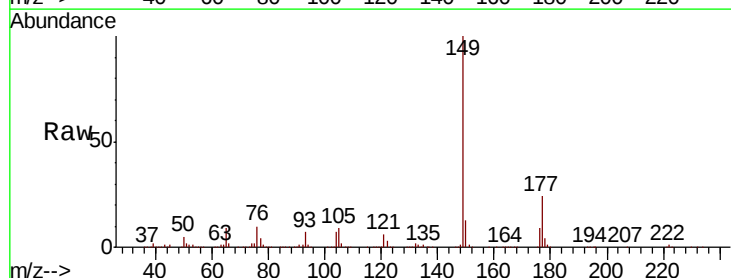
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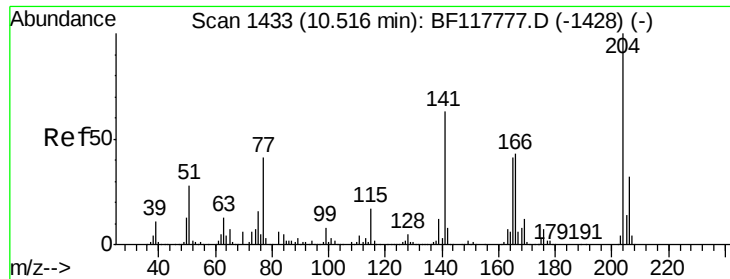
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#60
Diethylphthalate
Concen: 36.930 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.0	27.0
150	12.9	10.5	15.7





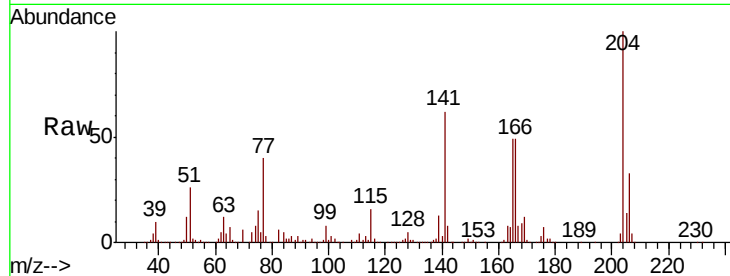
#61
4-Chlorophenyl-phenylether
Concen: 37.362 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

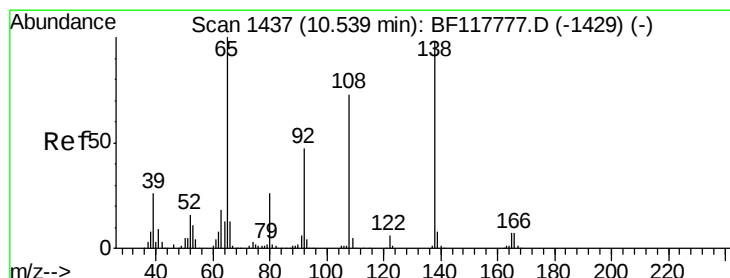
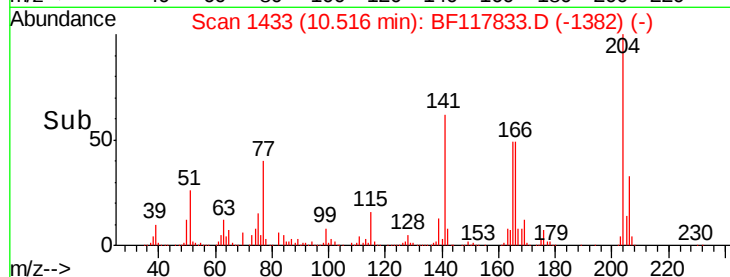
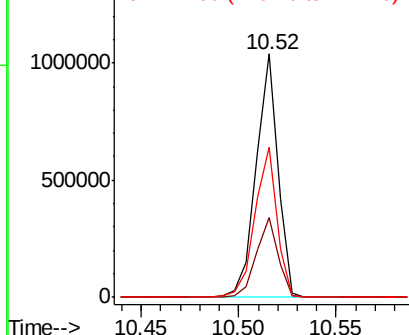
Tot Ion:	204	Resp:	808752
Ion Ratio	Lower	Upper	
204	100		
206	32.9	25.6	38.4
141	61.9	50.7	76.1

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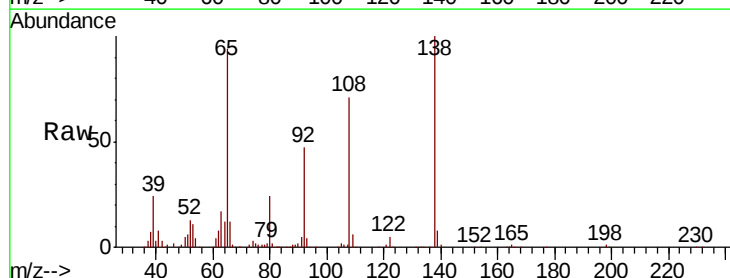


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

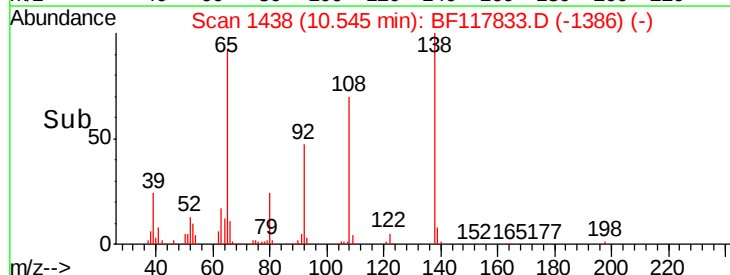
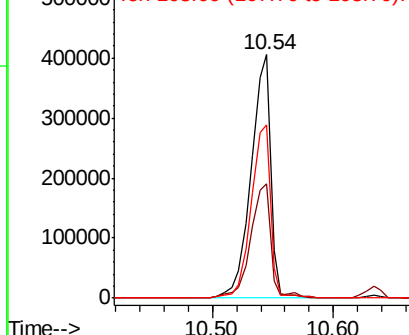


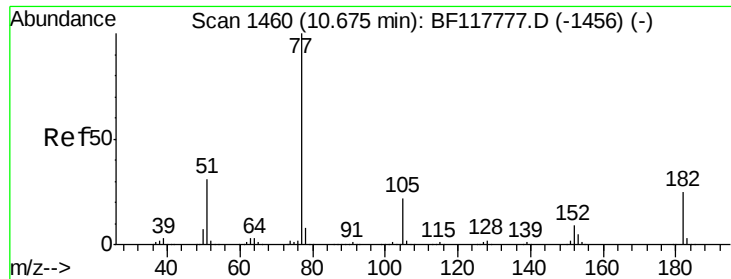
#62
4-Nitroaniline
Concen: 36.312 ng
RT: 10.54 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:	138	Resp:	464940
Ion Ratio	Lower	Upper	
138	100		
92	46.8	28.3	68.3
108	71.1	54.3	94.3



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





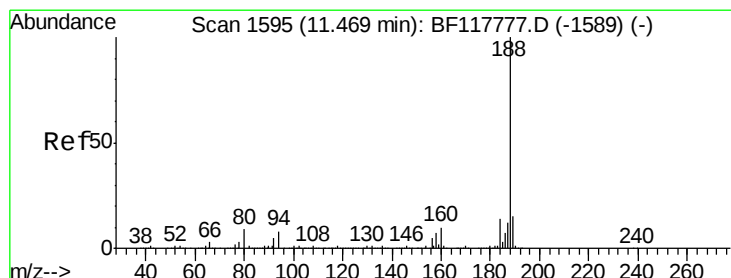
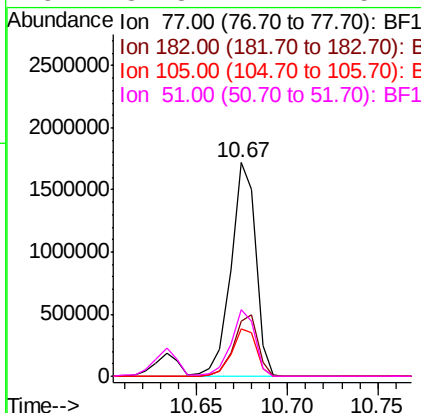
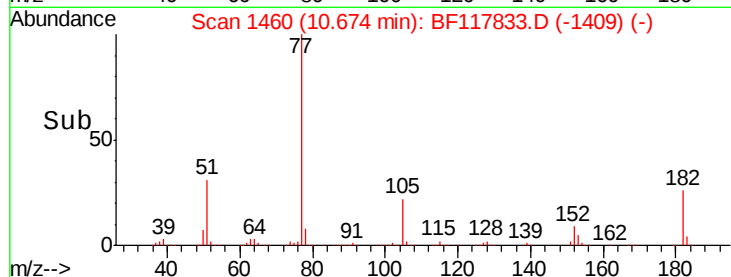
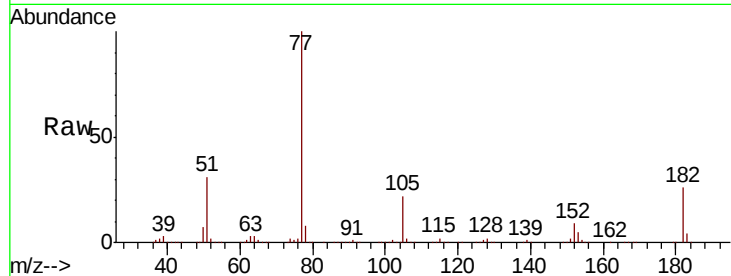
#63
Azobenzene
Concen: 37.696 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	25.7	4.8	44.8	
105	22.2	2.1	42.1	
51	31.3	11.4	51.4	

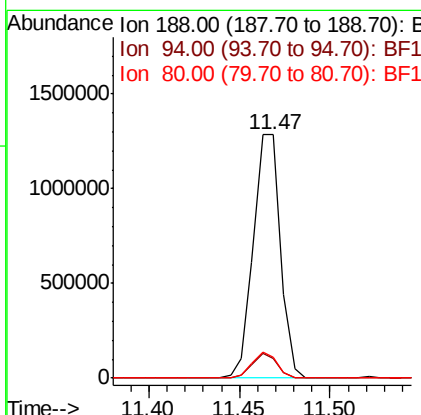
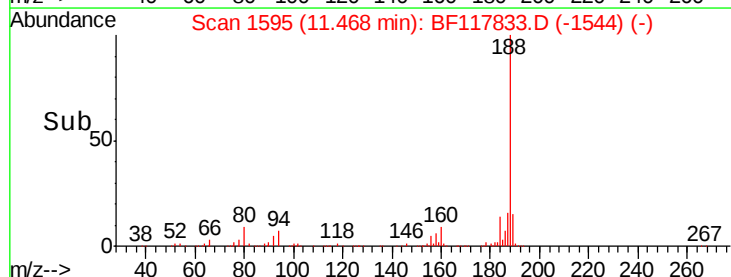
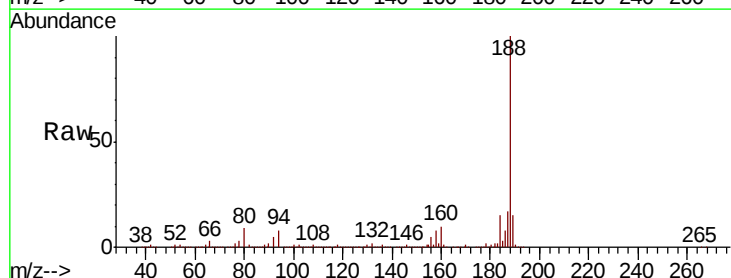
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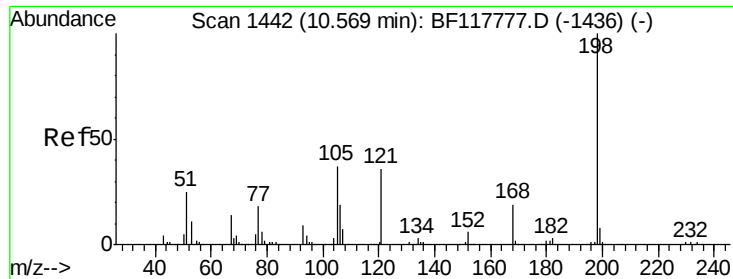
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	6.6	10.0	
80	8.8	7.2	10.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 46.560 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

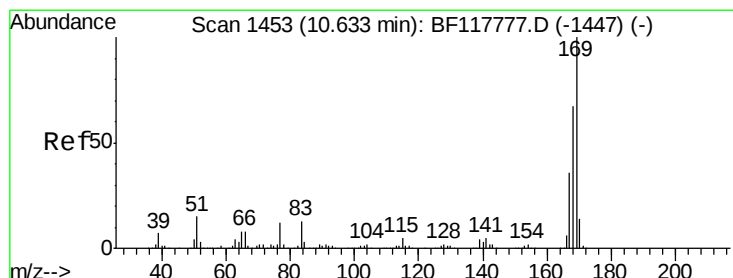
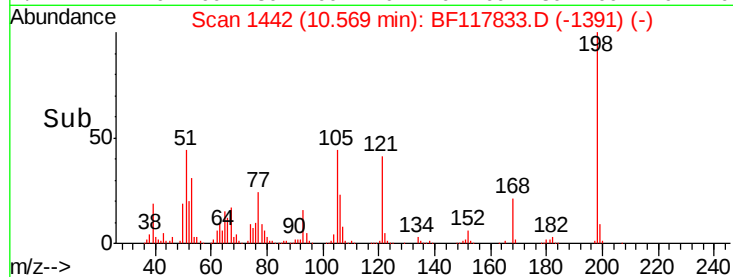
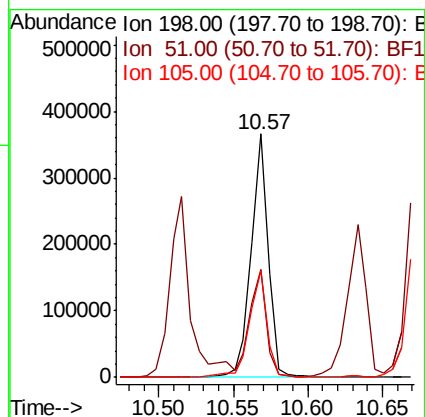
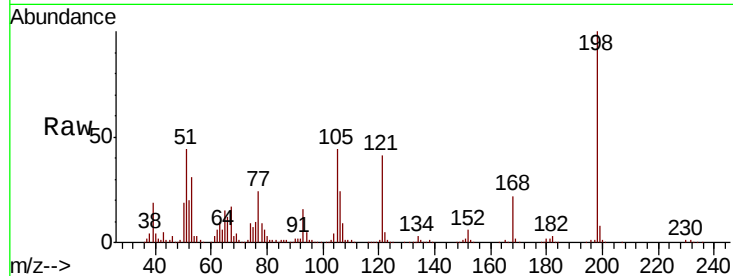
ClientSampleId :

PB124878BS

Tot Ion:	198	Resp:	291500
Ion Ratio	Lower	Upper	
198	100		
51	44.1	16.0	56.0
105	44.0	19.1	59.1

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#66

n-Nitrosodiphenylamine

Concen: 37.980 ng

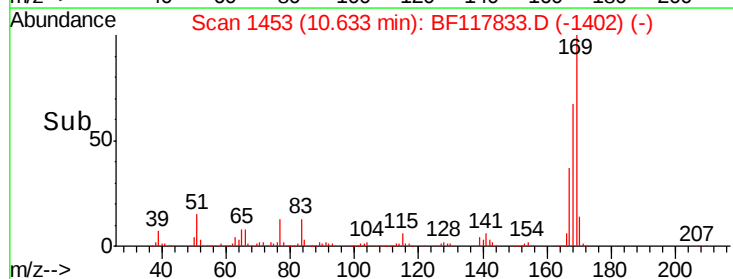
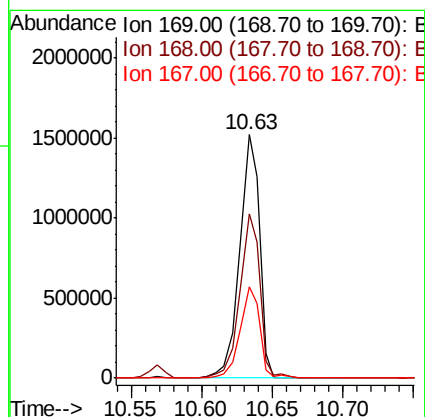
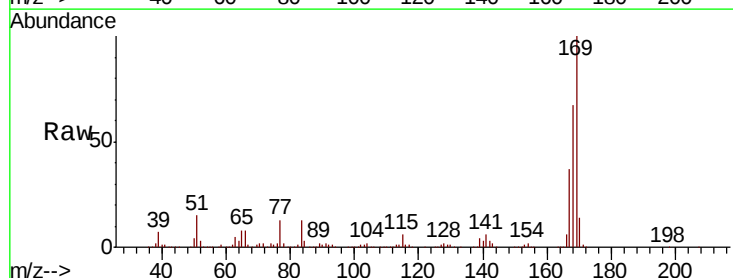
RT: 10.63 min Scan# 1453

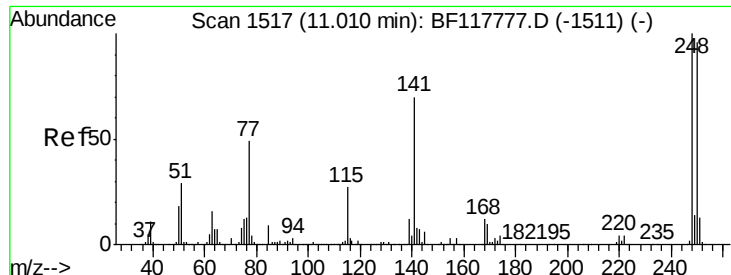
Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Tgt Ion:	169	Resp:	1482367
Ion Ratio	Lower	Upper	
169	100		
168	67.4	53.5	80.3
167	37.3	29.0	43.4





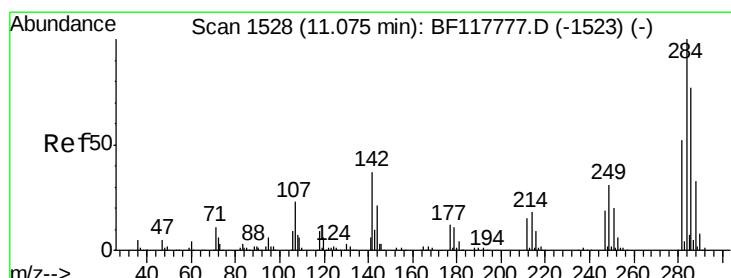
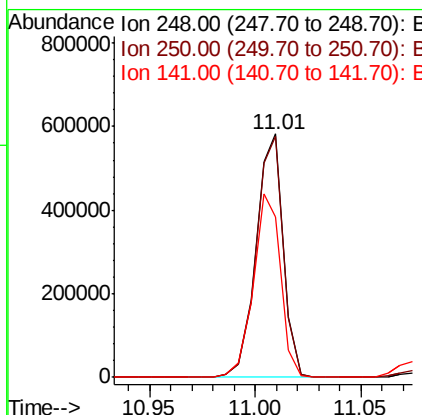
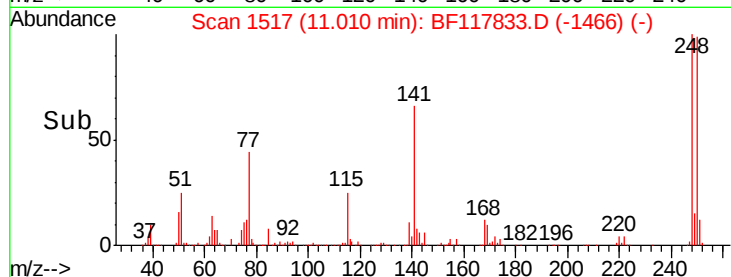
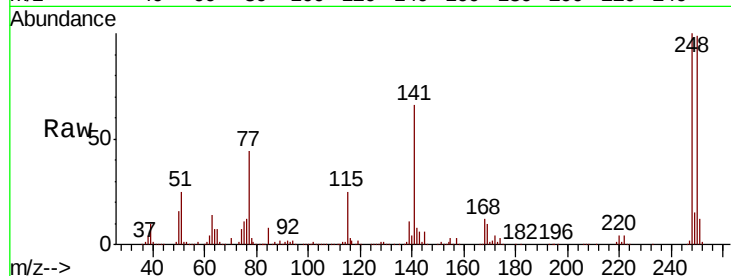
#67
4-Bromophenyl-phenylether
Concen: 36.075 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Resp	Lower	Upper
248	100	522018		
250	98.9	76.6	115.0	
141	65.9	55.9	83.9	

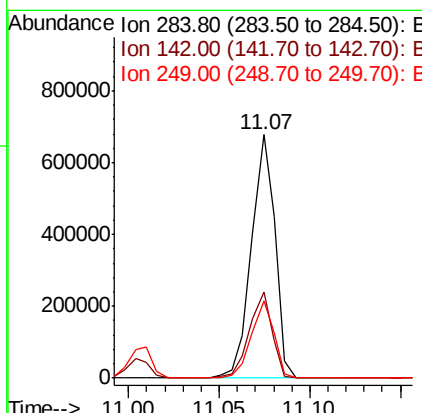
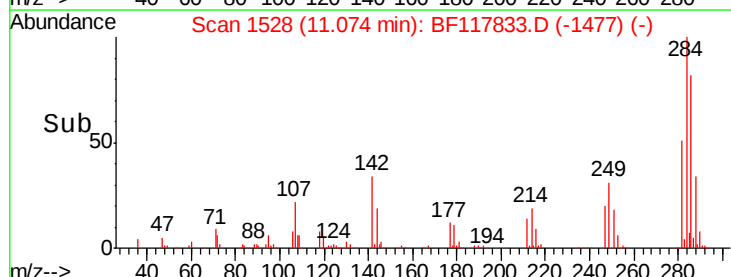
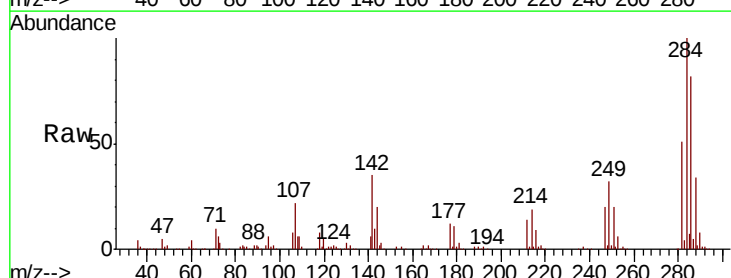
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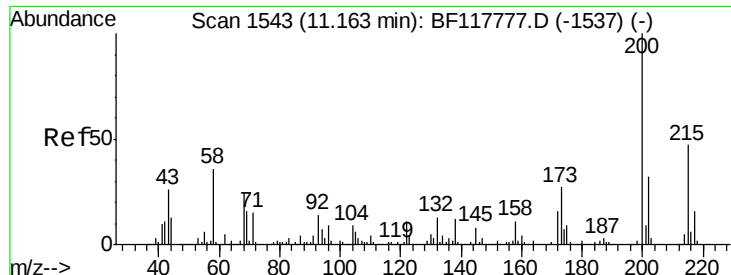
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#68
Hexachlorobenzene
Concen: 36.195 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	610731		
142	35.3	29.4	44.2	
249	31.6	24.6	37.0	





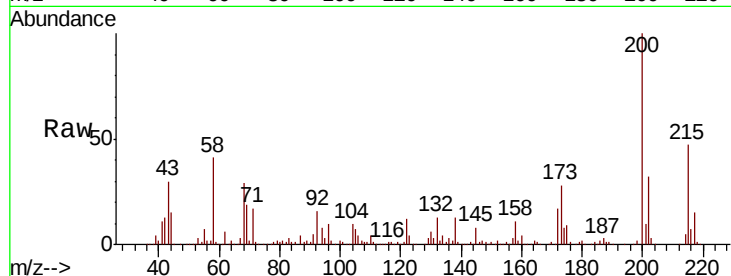
#69
Atrazine
Concen: 40.130 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	515236		
173	27.9	6.7	46.7	
215	47.1	27.5	67.5	

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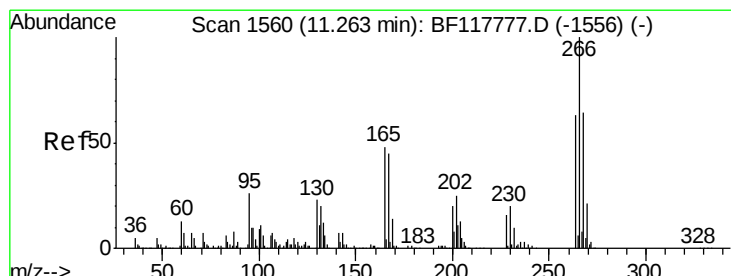
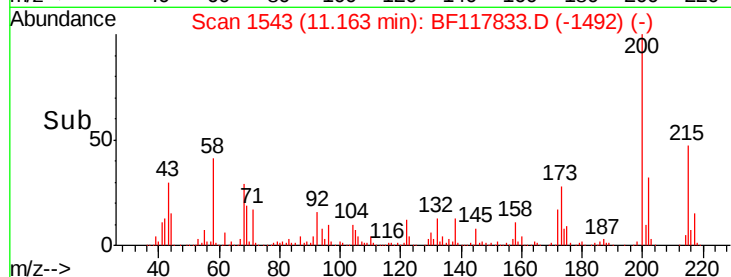
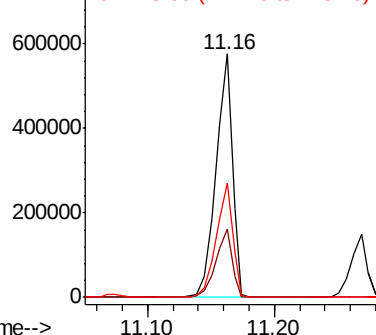


Abundance

Ion 200.00 (199.70 to 200.70): E

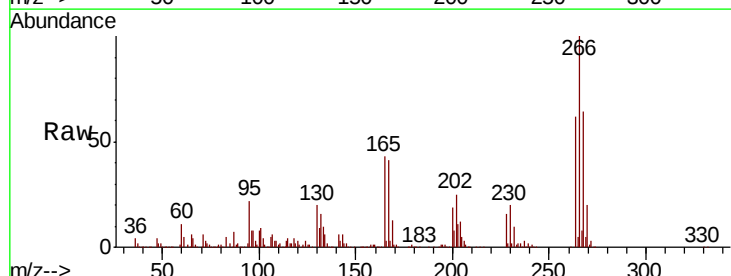
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 74.641 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	735803		
268	63.8	50.8	76.2	
264	62.4	50.7	76.1	

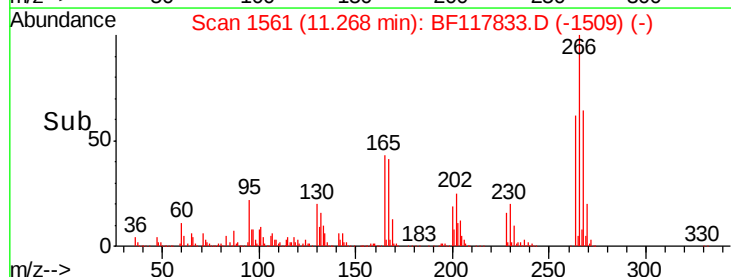
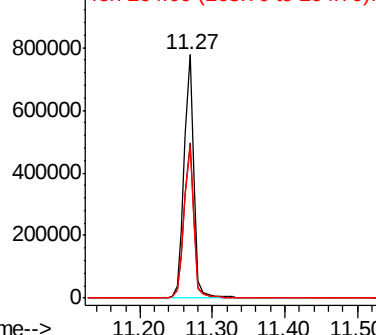


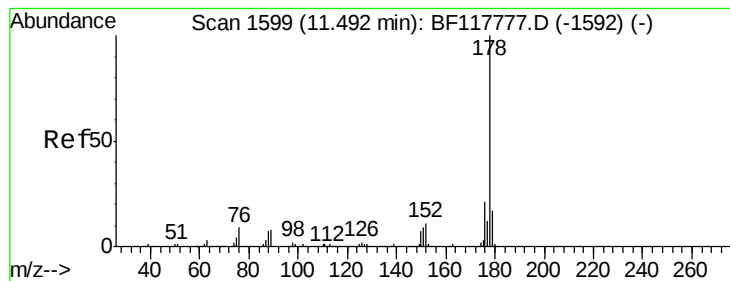
Abundance

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





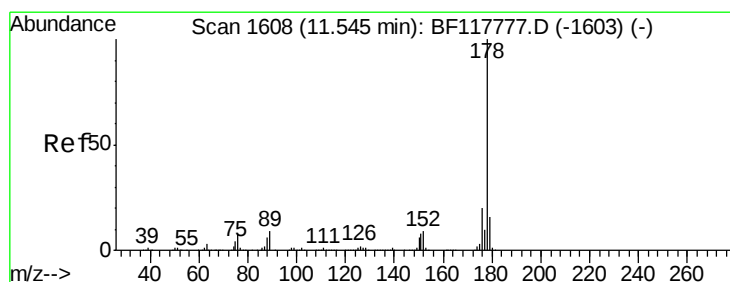
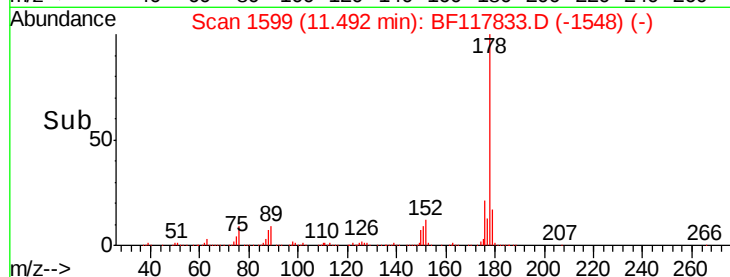
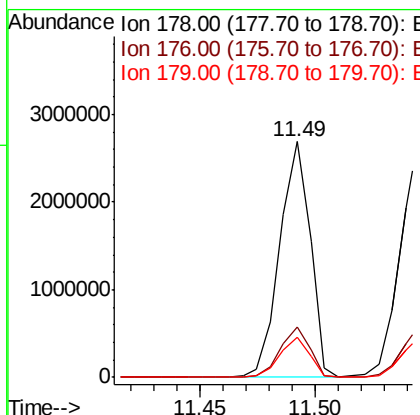
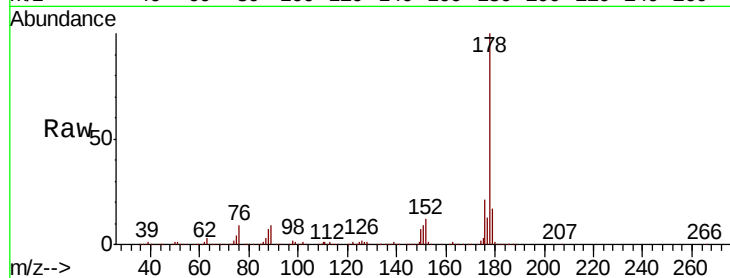
#71
Phenanthrene
Concen: 36.636 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion:178 Resp: 2470222
Ion Ratio Lower Upper
178 100
176 21.3 16.6 25.0
179 17.0 13.2 19.8

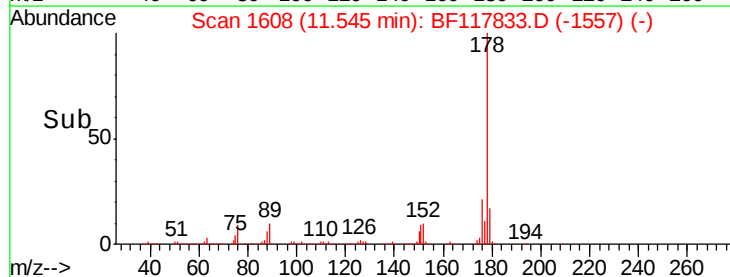
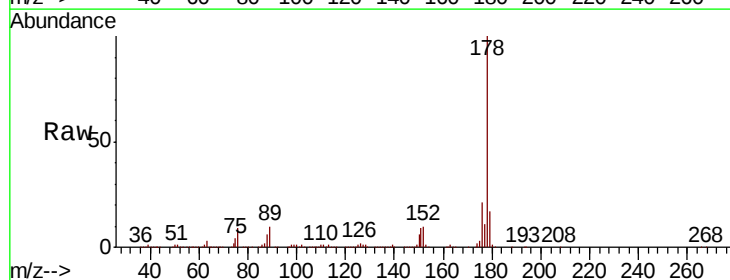
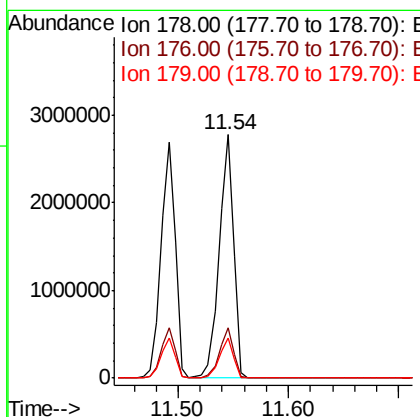
Manual Integrations
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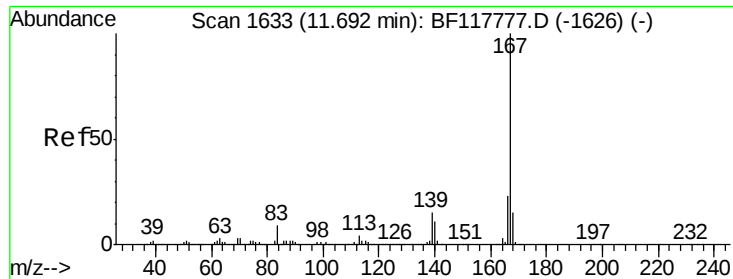
mohammad
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#72
Anthracene
Concen: 37.852 ng
RT: 11.54 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:178 Resp: 2530477
Ion Ratio Lower Upper
178 100
176 20.9 16.1 24.1
179 16.7 13.0 19.4





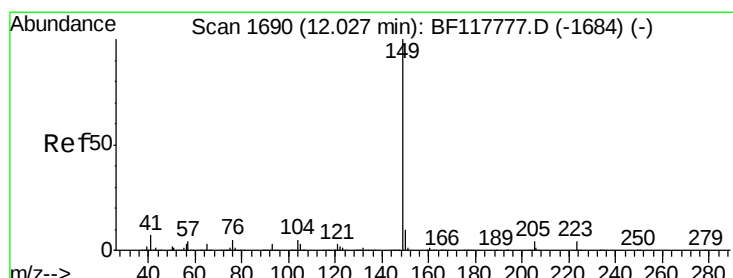
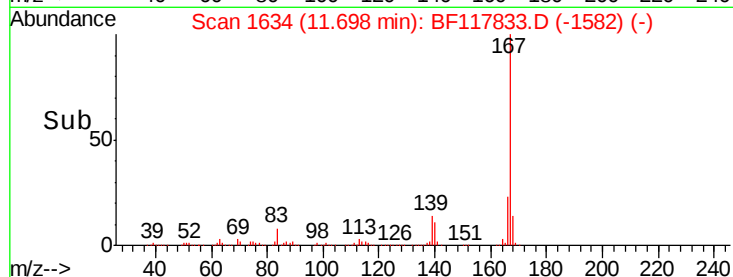
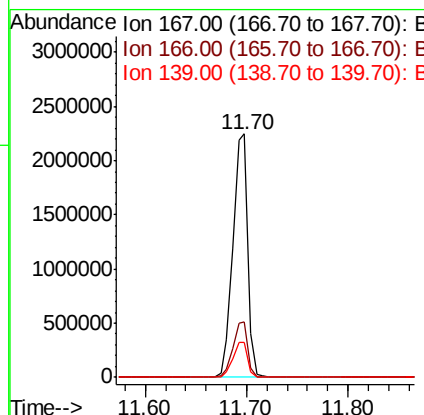
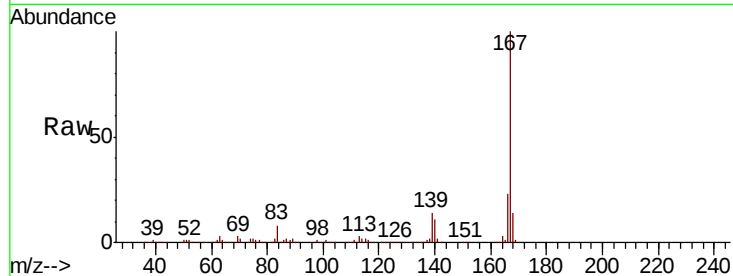
#73
 Carbazole
 Concen: 39.340 ng
 RT: 11.70 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB124878BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.0	27.0
139	14.2	11.7	17.5

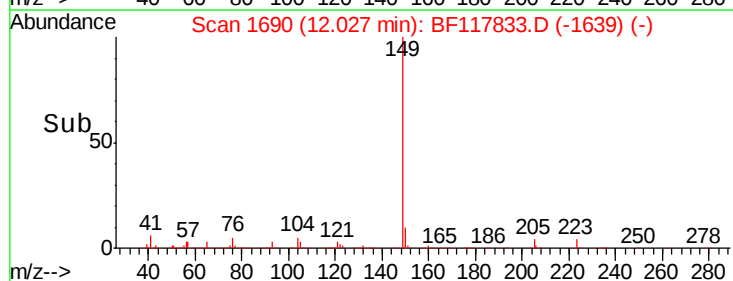
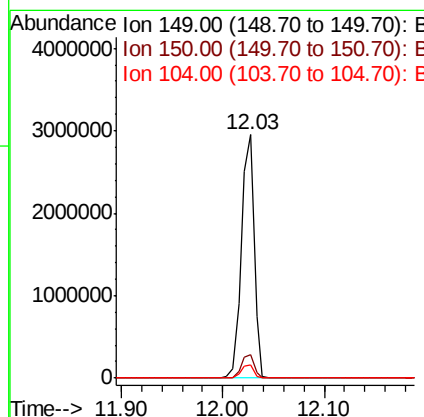
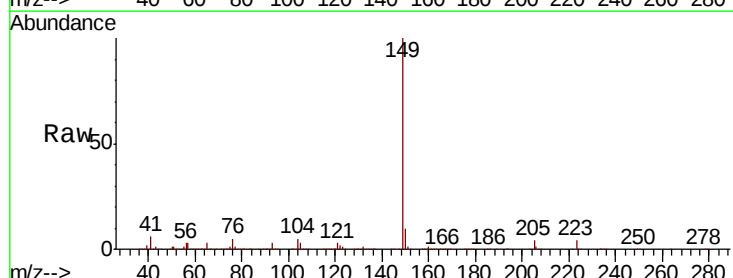
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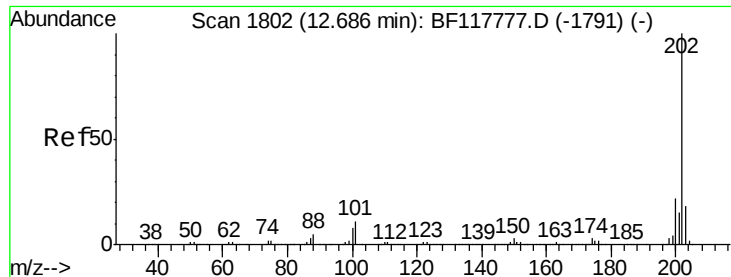
mohammad
 11/19/2019 2:35:31 PM



#74
 Di-n-butylphthalate
 Concen: 35.416 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.9	11.9
104	5.3	4.2	6.4





#75

Fluoranthene

Concen: 41.948 ng

RT: 12.69 min Scan# 1802

Delta R.T. 0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

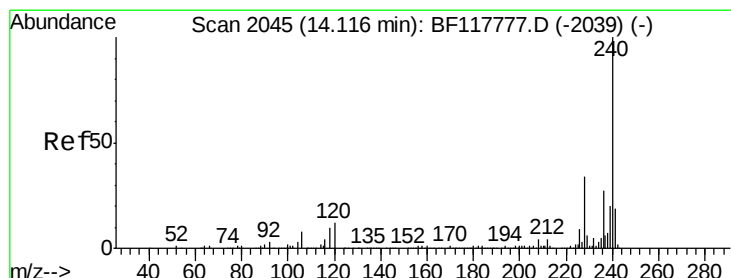
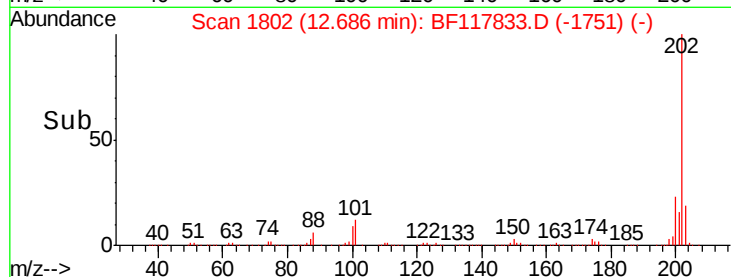
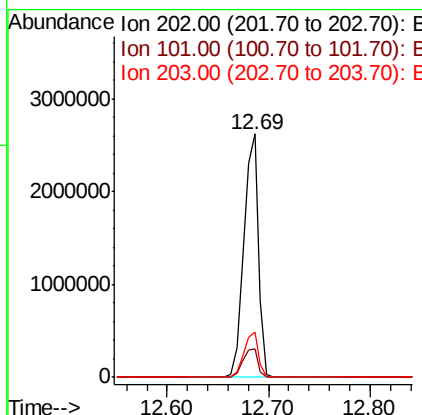
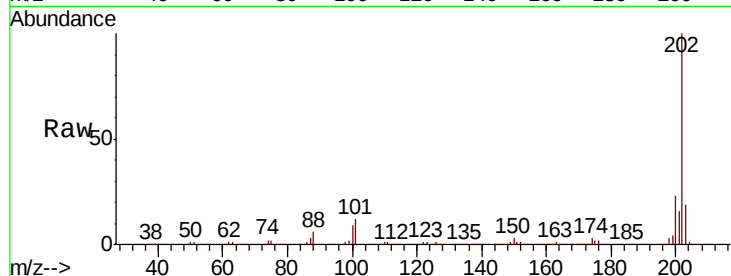
ClientSampleId :

PB124878BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.1
203	18.6	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

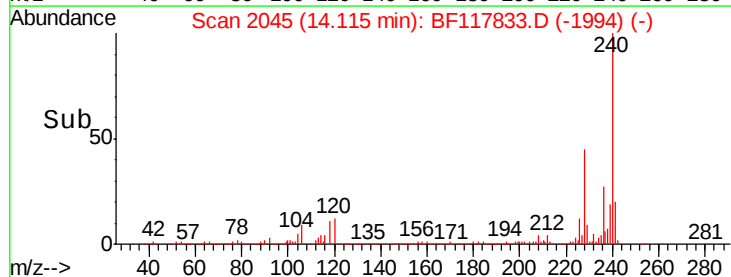
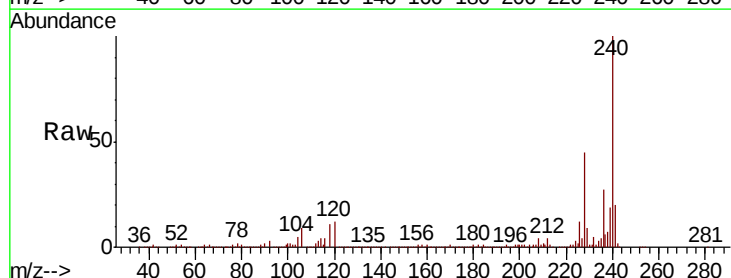
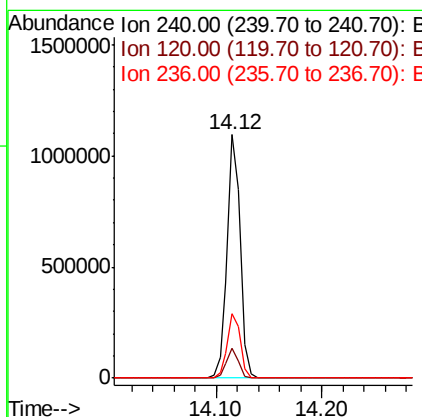
RT: 14.12 min Scan# 2045

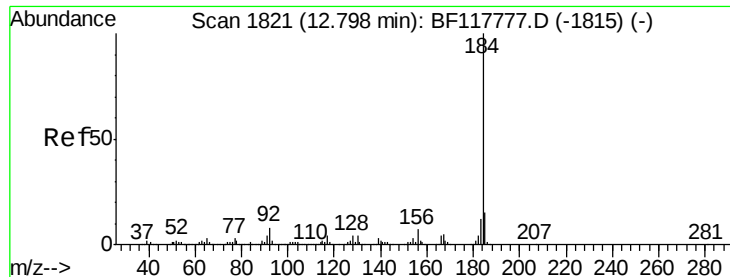
Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.5	14.3
236	26.7	21.3	31.9





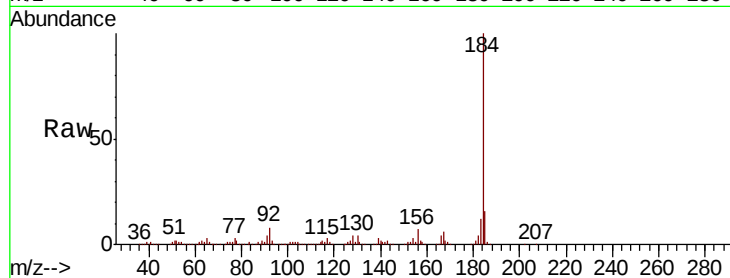
#77
Benzidine
Concen: 22.586 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.9	12.2	18.4
183	12.1	9.5	14.3

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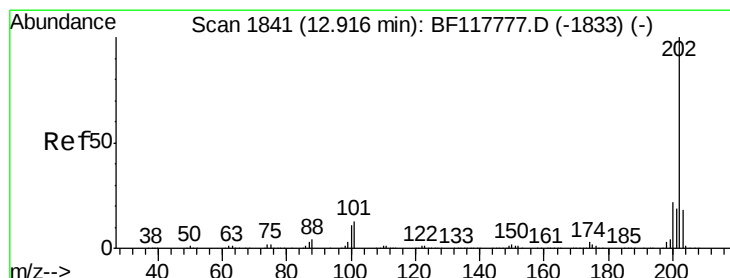
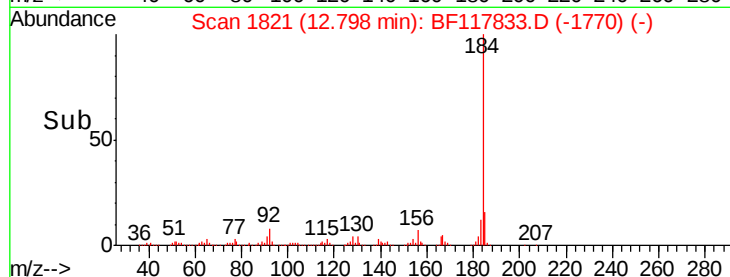
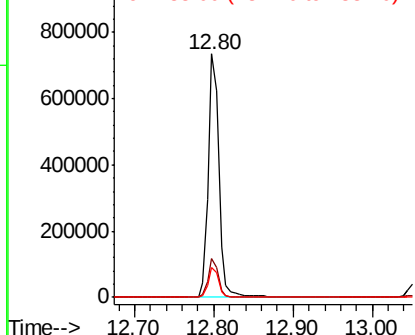


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 34.250 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

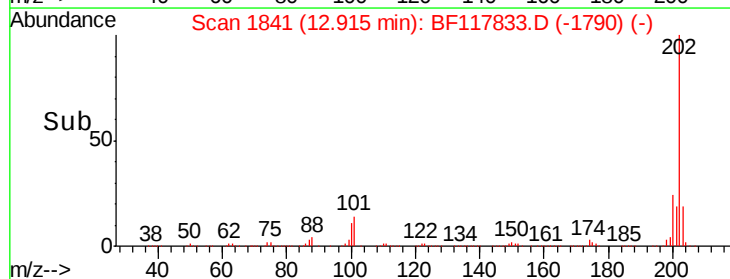
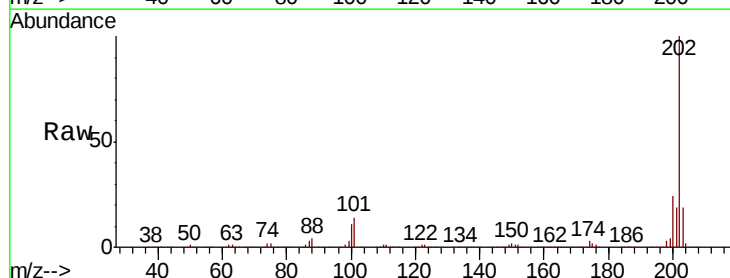
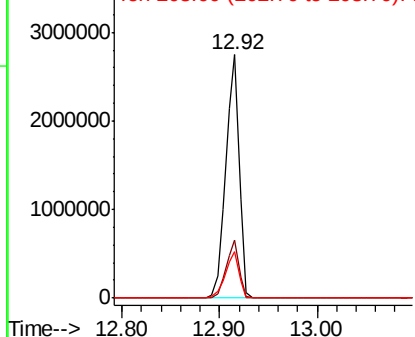
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.7	17.8	26.8
203	18.9	14.6	22.0

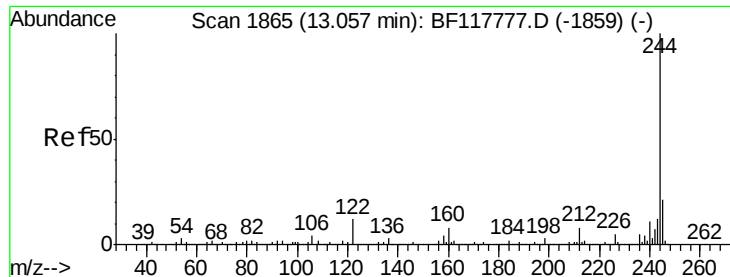
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





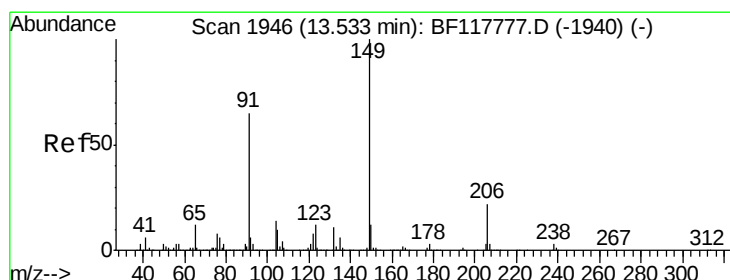
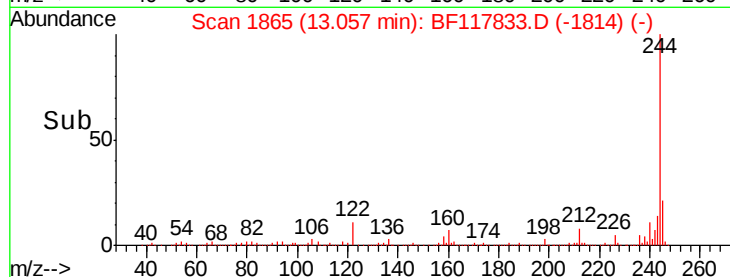
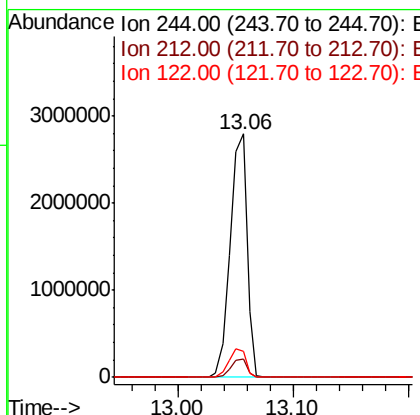
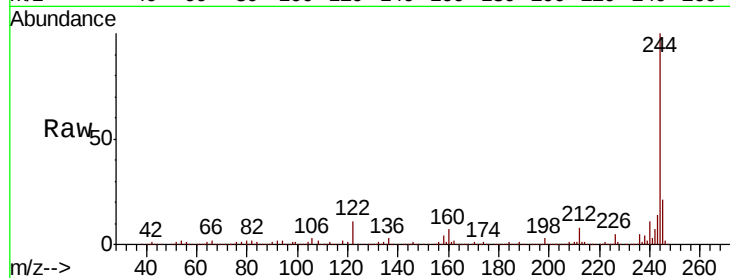
#79
 Terphenyl-d14
 Concen: 54.956 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB124878BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	10.8	9.4	14.2

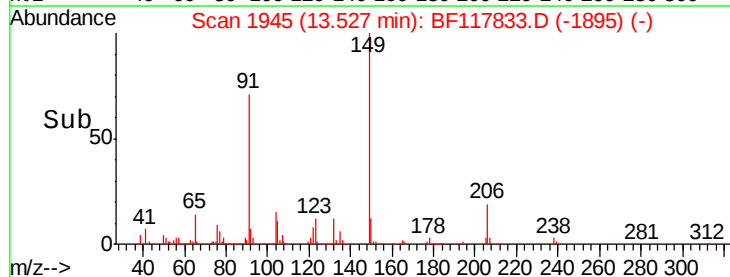
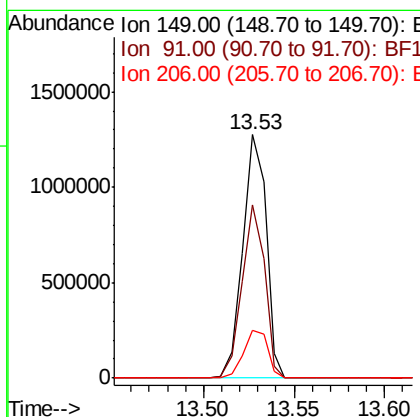
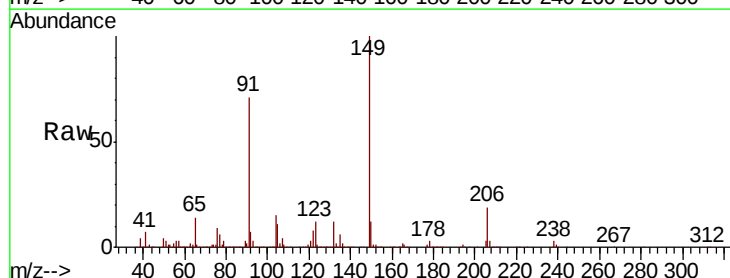
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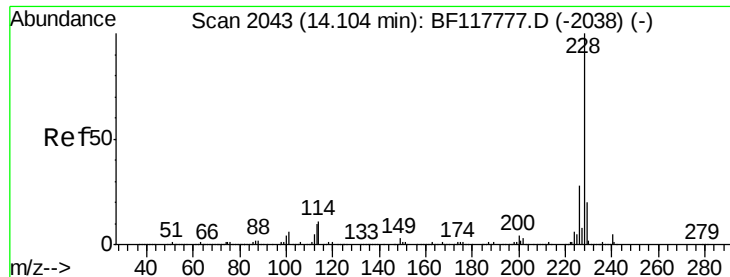
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#80
 Butylbenzylphthalate
 Concen: 35.022 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF117833.D
 Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.4	51.9	77.9
206	19.4	17.2	25.8





#81

Benzo(a)anthracene

Concen: 36.359 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

Instrument :

BNA_F

ClientSampleId :

PB124878BS

Tot Ion:228 Resp: 2263093

Ion Ratio Lower Upper

228 100

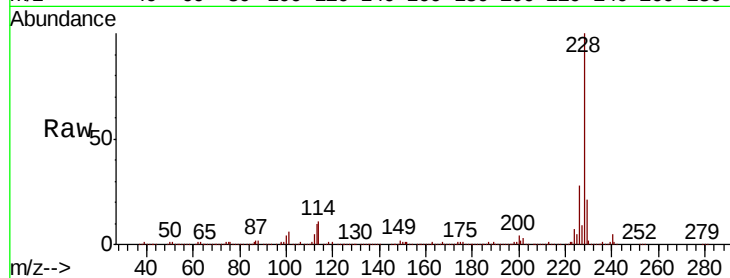
226 27.8 22.2 33.2

229 20.6 15.9 23.9

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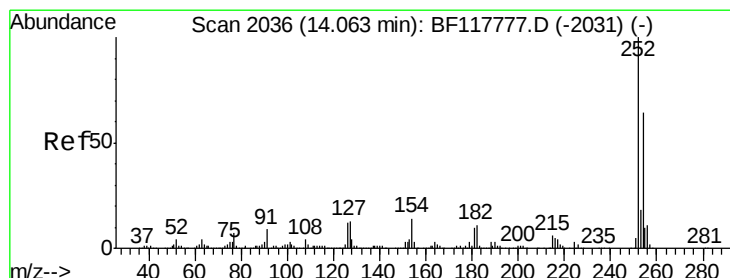
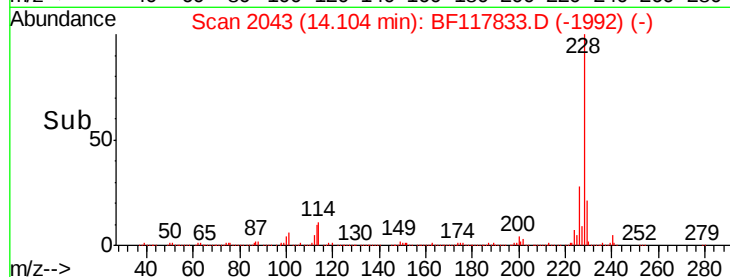
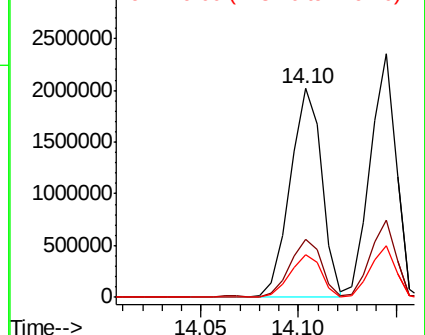


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.665 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF117833.D

Acq: 18 Nov 2019 14:15

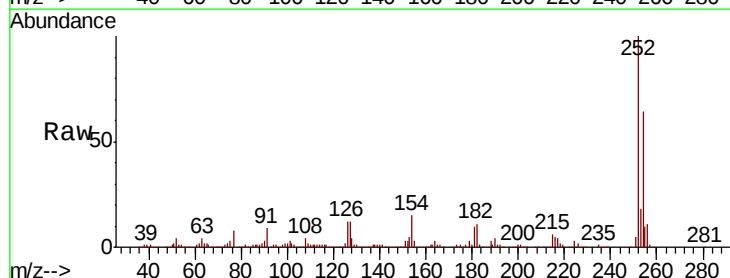
Tgt Ion:252 Resp: 754737

Ion Ratio Lower Upper

252 100

254 63.5 51.0 76.6

126 12.2 9.7 14.5

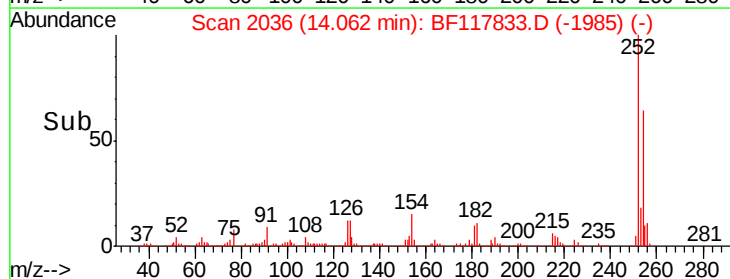
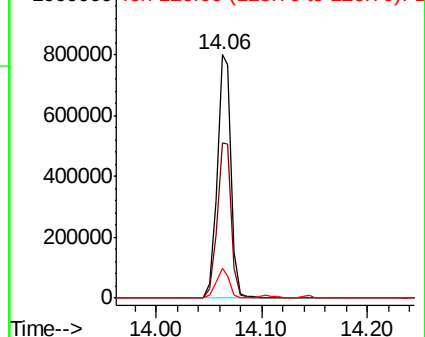


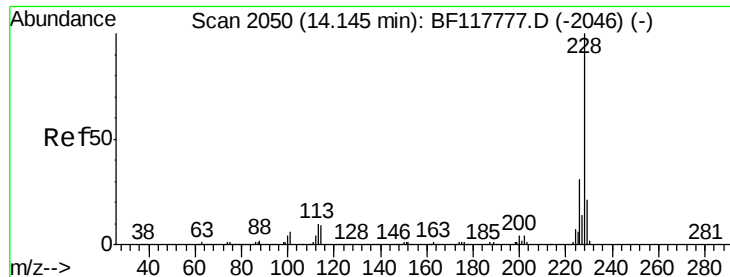
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





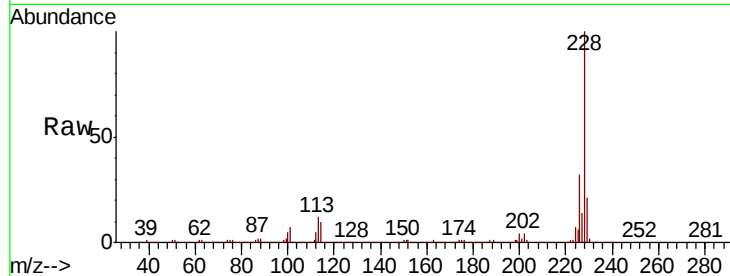
#83
Chrysene
Concen: 36.108 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

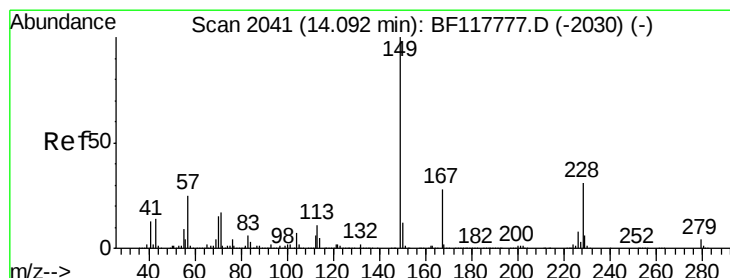
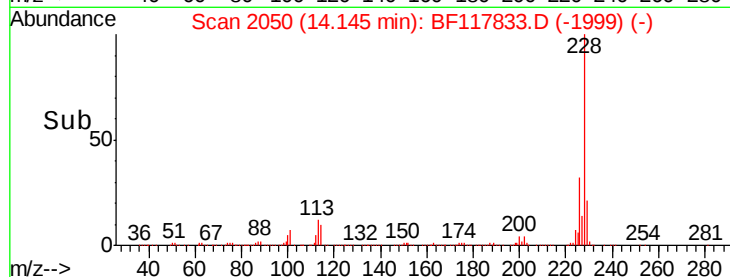
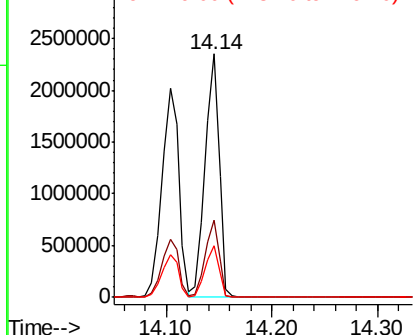
Tot Ion:228 Resp: 2177834
Ion Ratio Lower Upper
228 100
226 31.6 25.0 37.4
229 21.0 16.6 25.0

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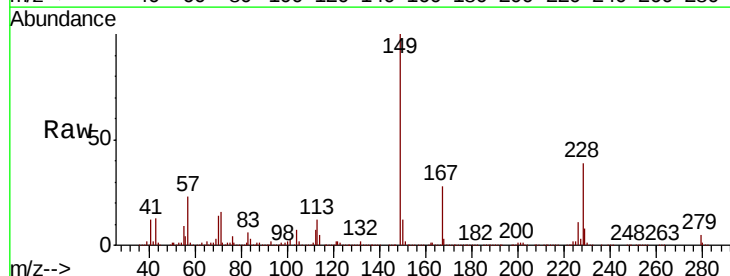


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

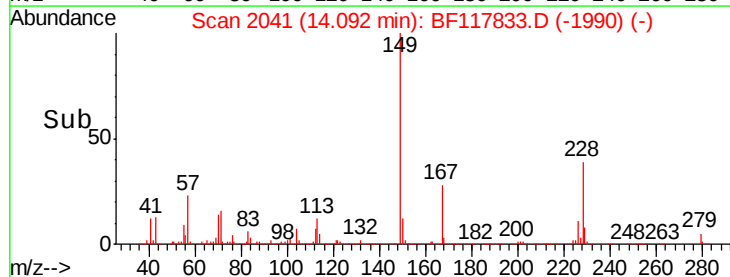
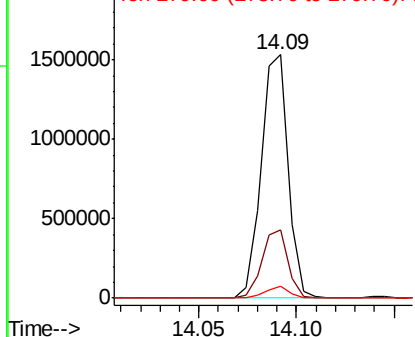


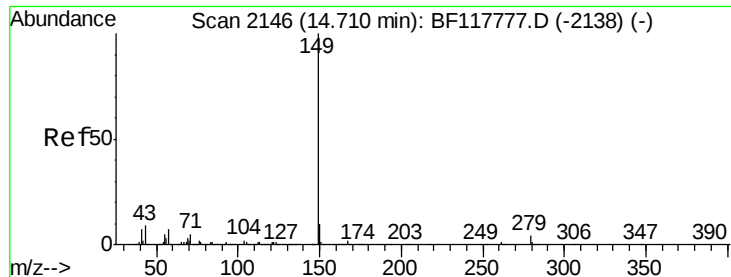
#84
Bis(2-ethylhexyl)phthalate
Concen: 36.843 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:149 Resp: 1460328
Ion Ratio Lower Upper
149 100
167 28.1 22.2 33.2
279 4.8 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





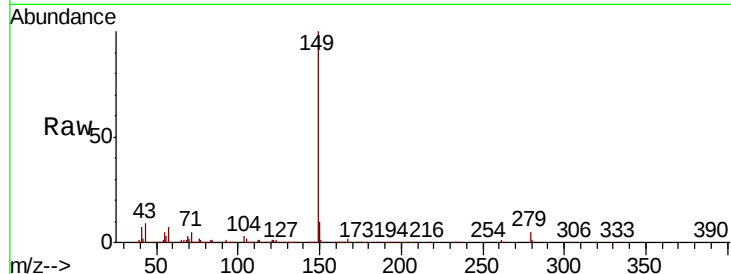
#85
Di-n-octyl phthalate
Concen: 40.193 ng
RT: 14.71 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

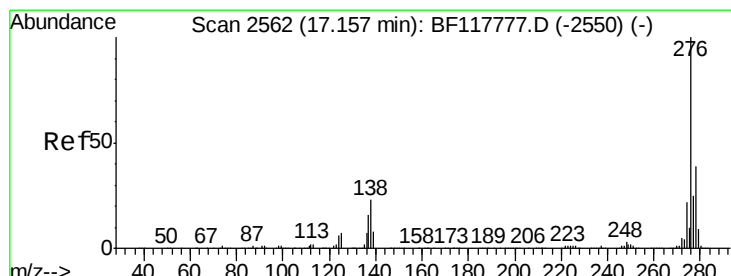
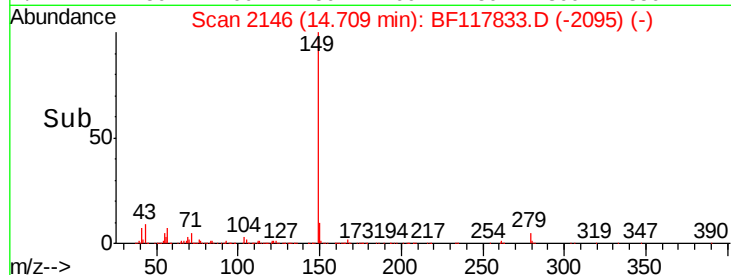
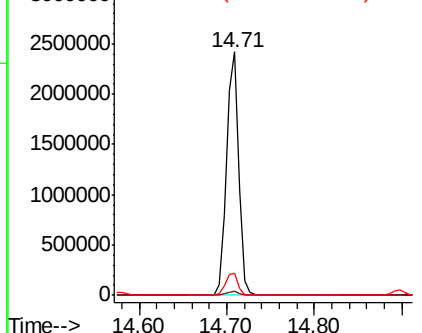
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	7.4	11.2

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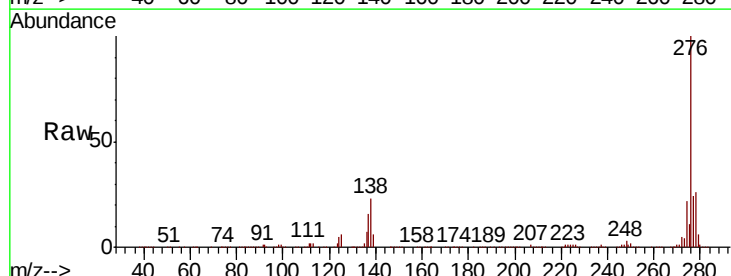


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

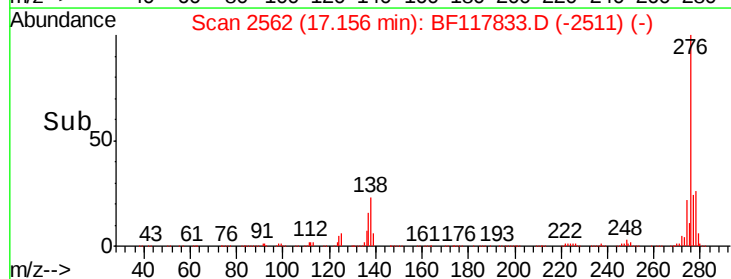
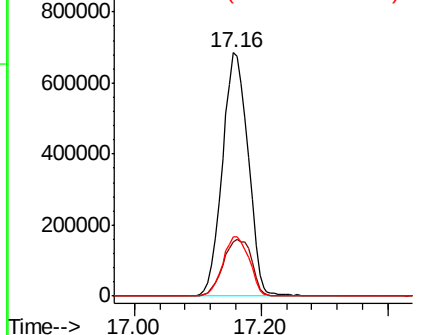


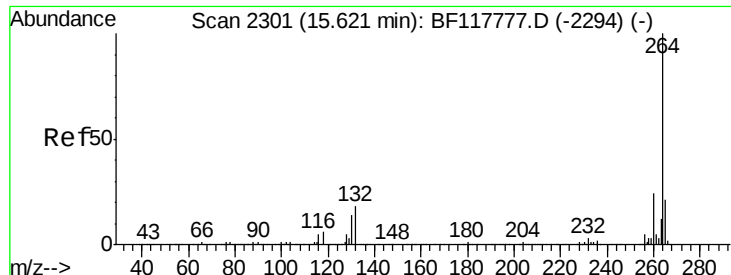
#86
Indeno(1,2,3-cd)pyrene
Concen: 37.720 ng
RT: 17.16 min Scan# 2562
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.9	31.3
277	25.4	20.3	30.5



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





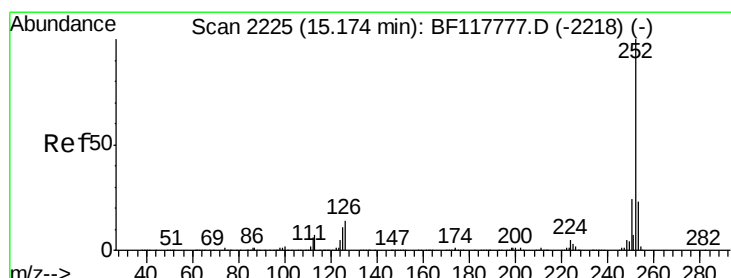
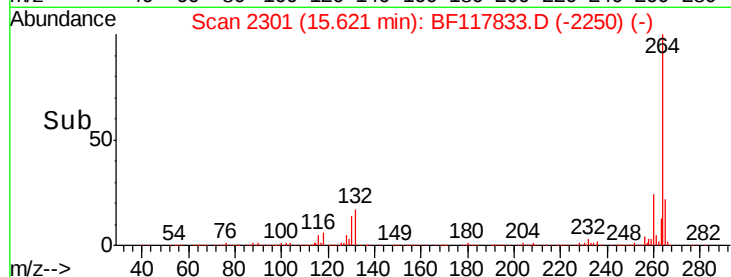
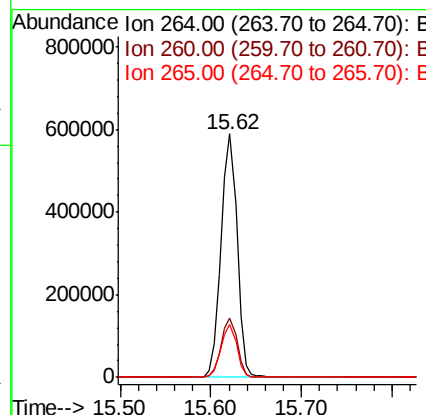
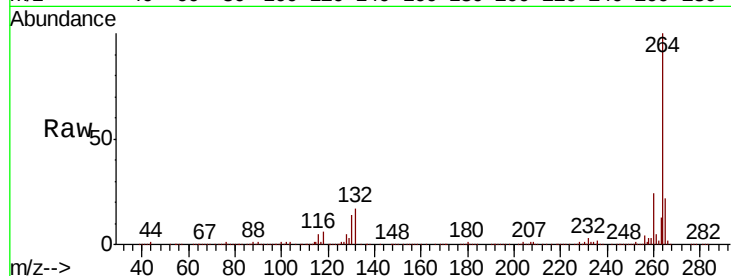
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	21.7	17.1	25.7

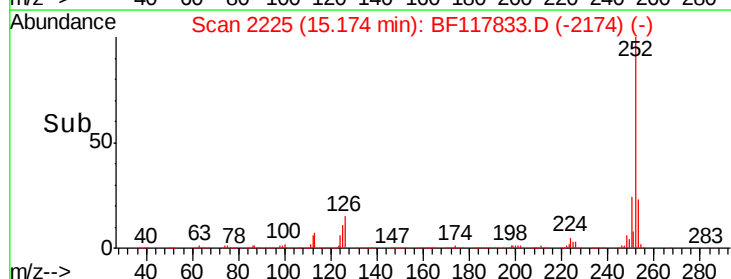
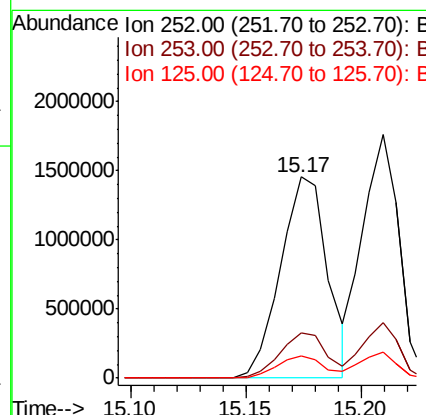
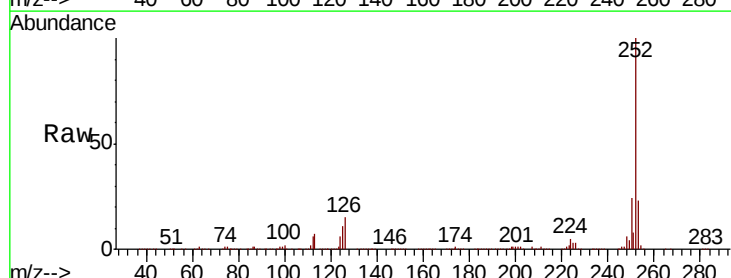
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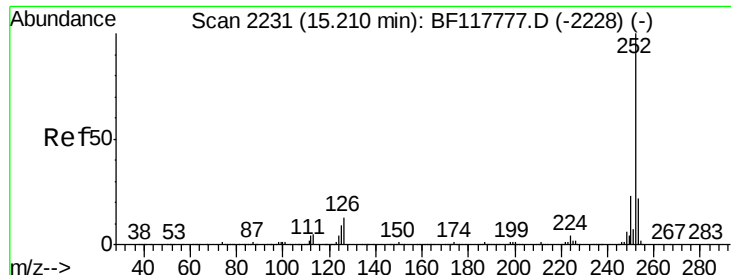
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#88
Benzo(b)fluoranthene
Concen: 43.776 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	11.2	8.6	13.0





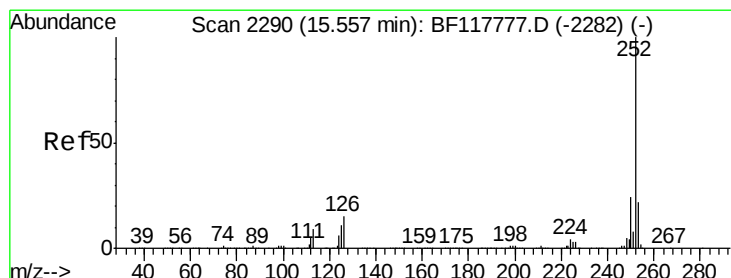
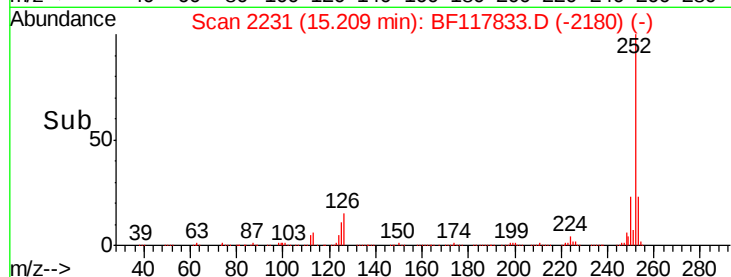
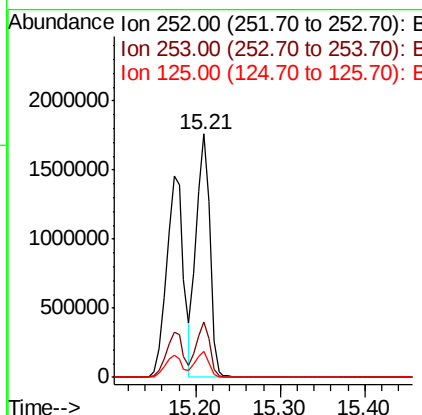
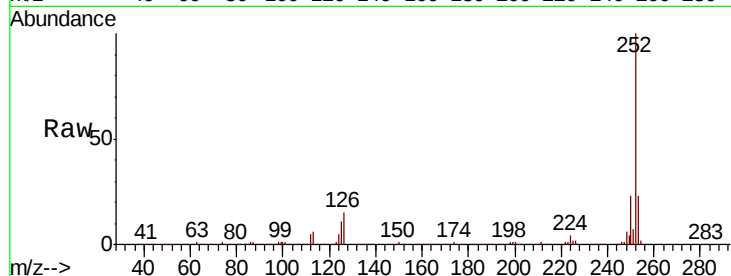
#89
Benzo(k)fluoranthene
Concen: 43.863 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	10.6	7.9	11.9

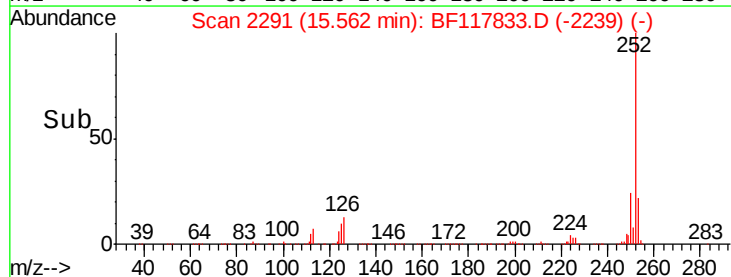
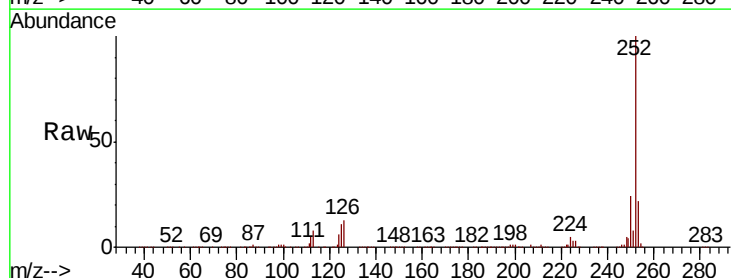
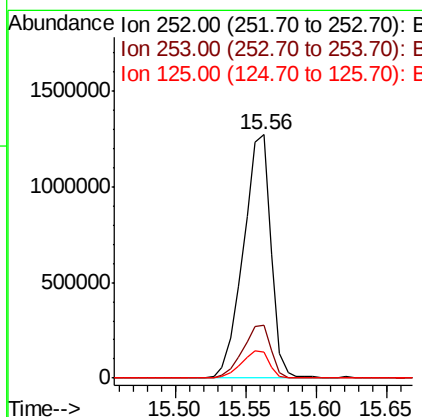
Manual Integrations
APPROVED

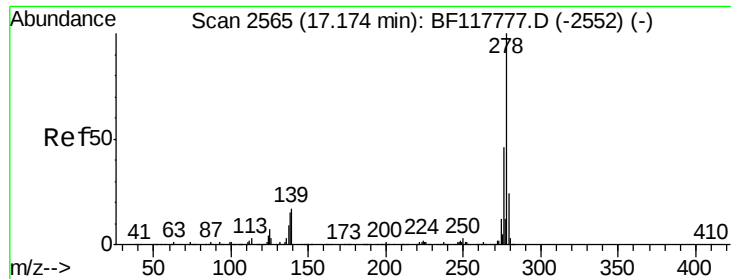
mohammad
11/19/2019 2:35:31 PM



#90
Benzo(a)pyrene
Concen: 42.233 ng
RT: 15.56 min Scan# 2291
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.7	9.2	13.8





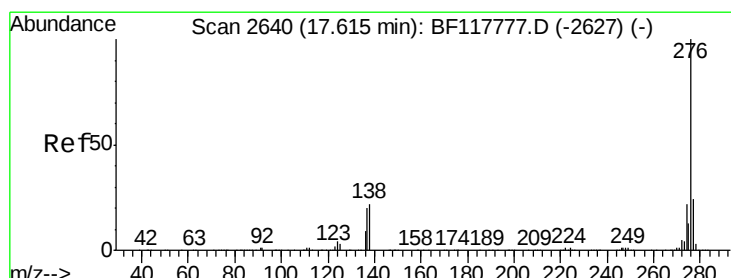
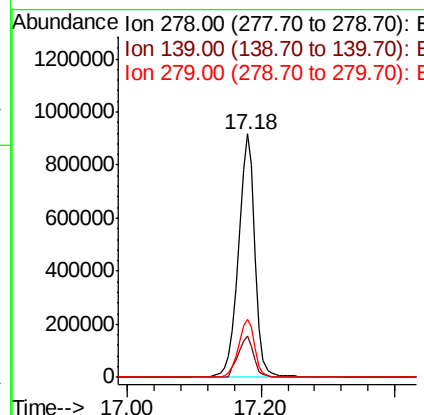
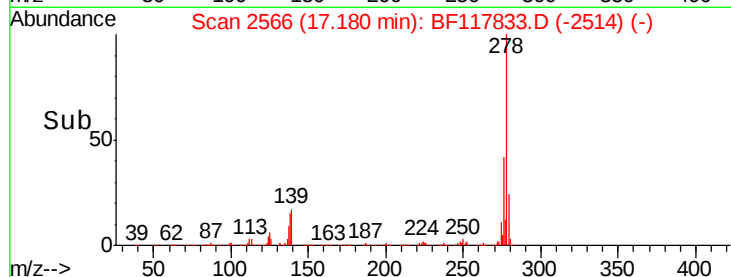
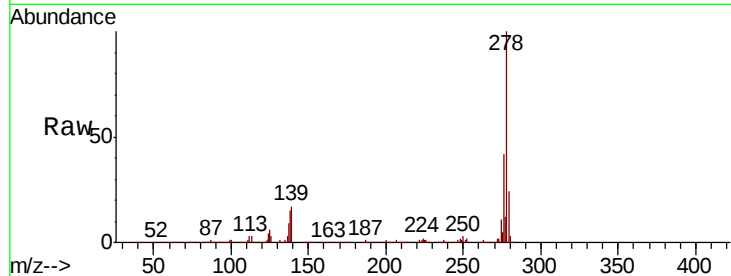
#91
Dibenzo(a,h)anthracene
Concen: 45.042 ng
RT: 17.18 min Scan# 2566
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Instrument :
BNA_F
ClientSampleId :
PB124878BS

Tot Ion:278 Resp: 1601980
Ion Ratio Lower Upper
278 100
139 17.2 13.8 20.8
279 24.1 19.6 29.4

Manual Integrations
APPROVED

mohammad
11/19/2019 2:35:31 PM



#92
Benzo(g,h,i)perylene
Concen: 45.717 ng
RT: 17.63 min Scan# 2642
Delta R.T. 0.01 min
Lab File: BF117833.D
Acq: 18 Nov 2019 14:15

Tgt Ion:276 Resp: 1619509
Ion Ratio Lower Upper
276 100
277 23.6 18.9 28.3
138 22.4 17.4 26.2

