

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111819\
 Data File : BF117828.D
 Acq On : 18 Nov 2019 11:59
 Operator : JU
 Sample : PB124881BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BS

Manual Integrations
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mohammad
 11/19/2019 2:35:24 PM

Quant Time: Nov 18 12:48:05 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	251530	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1022043	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	544136	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	996479	20.00	ng	0.00
76) Chrysene-d12	14.12	240	642490	20.00	ng	0.00
87) Perylene-d12	15.62	264	493663	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1668263	117.40	ng	0.01
7) Phenol-d6	6.55	99	2054004	119.84	ng	0.00
23) Nitrobenzene-d5	7.49	82	1106154	64.34	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	664731	115.39	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2159065	71.19	ng	0.00
79) Terphenyl-d14	13.05	244	2206801	62.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.83	88	254439	38.306	ng	100
3) Pyridine	3.57	79	627847	36.034	ng	99
4) n-Nitrosodimethylamine	3.53	42	319861	42.055	ng	97
6) Aniline	6.58	93	670317	29.596	ng	99
8) 2-Chlorophenol	6.71	128	706579	45.825	ng	97
9) Benzaldehyde	6.47	77	349601	29.015	ng	99
10) Phenol	6.56	94	804995	45.198	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	631398	44.146	ng	97
12) 1,3-Dichlorobenzene	6.86	146	766828	42.243	ng	99
13) 1,4-Dichlorobenzene	6.94	146	794192	43.283	ng	99
14) 1,2-Dichlorobenzene	7.09	146	752019	42.854	ng	99
15) Benzyl Alcohol	7.06	79	618568	46.746	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	902576	40.989	ng	99
17) 2-Methylphenol	7.17	107	595060	45.572	ng	99
18) Hexachloroethane	7.44	117	284587	42.220	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	465733	44.046	ng	99
20) 3+4-Methylphenols	7.32	107	727265	44.869	ng	# 85
22) Acetophenone	7.33	105	953085	41.507	ng	98
24) Nitrobenzene	7.50	77	751717	42.382	ng	100
25) Isophorone	7.75	82	1321763	41.945	ng	98
26) 2-Nitrophenol	7.82	139	400022	46.337	ng	98
27) 2,4-Dimethylphenol	7.85	122	666005	49.648	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	797395	39.877	ng	99
29) 2,4-Dichlorophenol	8.06	162	612115	42.067	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	682724	40.450	ng	99
31) Naphthalene	8.23	128	2065047	43.341	ng	100
32) Benzoic acid	7.97	122	511703	45.557	ng	97
33) 4-Chloroaniline	8.27	127	452257	21.202	ng	98
34) Hexachlorobutadiene	8.35	225	380252	38.533	ng	100
35) Caprolactam	8.65	113	196392m	42.467	ng	
36) 4-Chloro-3-methylphenol	8.76	107	637420	43.164	ng	99
37) 2-Methylnaphthalene	8.93	142	1397328	43.404	ng	99
38) 1-Methylnaphthalene	9.03	142	1321793	43.429	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	613357	38.815	ng	99

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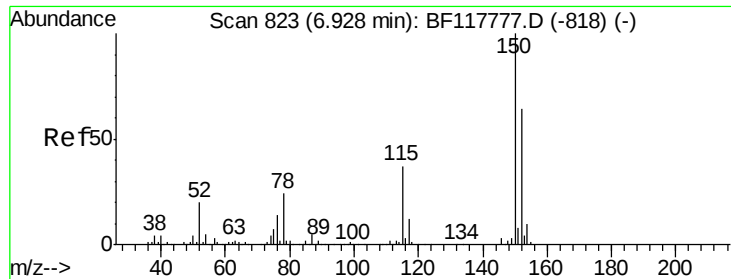
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	761414	85.981	ng	97
43) 2,4,6-Trichlorophenol	9.20	196	467974	41.346	ng	97
44) 2,4,5-Trichlorophenol	9.24	196	494402	42.071	ng	99
46) 1,1'-Biphenyl	9.39	154	1669657	41.359	ng	99
47) 2-Chloronaphthalene	9.42	162	1325293	39.906	ng	99
48) 2-Nitroaniline	9.51	65	404450	40.339	ng	94
49) Acenaphthylene	9.83	152	2048020	42.298	ng	100
50) Dimethylphthalate	9.69	163	1511934	39.624	ng	99
51) 2,6-Dinitrotoluene	9.75	165	353586	42.400	ng	94
52) Acenaphthene	10.01	154	1385071	44.655	ng	99
53) 3-Nitroaniline	9.92	138	264895	26.546	ng	95
54) 2,4-Dinitrophenol	10.03	184	347286	80.954	ng	94
55) Dibenzofuran	10.18	168	1790275	41.682	ng	100
56) 4-Nitrophenol	10.08	139	627013	84.181	ng	95
57) 2,4-Dinitrotoluene	10.16	165	465835	43.913	ng	98
58) Fluorene	10.53	166	1362094	40.924	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.30	232	401058	41.535	ng	99
60) Diethylphthalate	10.39	149	1480930	39.809	ng	100
61) 4-Chlorophenyl-phenylether	10.52	204	679762	40.244	ng	96
62) 4-Nitroaniline	10.54	138	350337	35.064	ng	100
63) Azobenzene	10.67	77	1382634	40.853	ng	98
65) 4,6-Dinitro-2-methylphenol	10.57	198	234043	50.311	ng	97
66) n-Nitrosodiphenylamine	10.63	169	1219857	42.063	ng	99
67) 4-Bromophenyl-phenylether	11.01	248	432327	40.209	ng	95
68) Hexachlorobenzene	11.07	284	498578	39.768	ng	97
69) Atrazine	11.16	200	417054	43.717	ng	99
70) Pentachlorophenol	11.27	266	596464	81.433	ng	99
71) Phenanthrene	11.49	178	2028406	40.487	ng	99
72) Anthracene	11.55	178	2089424	42.064	ng	100
73) Carbazole	11.69	167	1837173	42.325	ng	100
74) Di-n-butylphthalate	12.03	149	2138815	39.575	ng	99
75) Fluoranthene	12.68	202	2051970	44.973	ng	97
77) Benzidine	12.80	184	217840	10.351	ng	99
78) Pyrene	12.91	202	2056114	39.599	ng	99
80) Butylbenzylphthalate	13.53	149	857656	38.458	ng	95
81) Benzo(a)anthracene	14.10	228	1699931	40.039	ng	100
82) 3,3'-Dichlorobenzidine	14.06	252	489971	32.992	ng	99
83) Chrysene	14.14	228	1655086	40.230	ng	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1075029	39.762	ng	98
85) Di-n-octyl phthalate	14.70	149	1615204	40.665	ng	100
86) Indeno(1,2,3-cd)pyrene	17.15	276	1304967	37.269	ng	100
88) Benzo(b)fluoranthene	15.17	252	1365059	42.560	ng	99
89) Benzo(k)fluoranthene	15.20	252	1373712	45.456	ng	98
90) Benzo(a)pyrene	15.56	252	1188996	42.158	ng	99
91) Dibenzo(a,h)anthracene	17.17	278	1073137	44.207	ng	98
92) Benzo(g,h,i)perylene	17.62	276	1109946	45.906	ng	99

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



#1

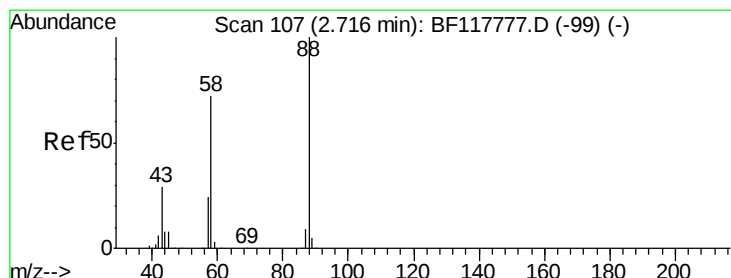
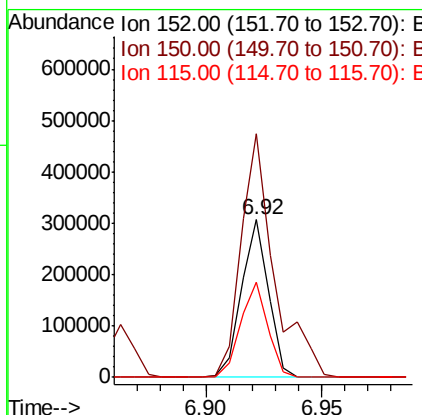
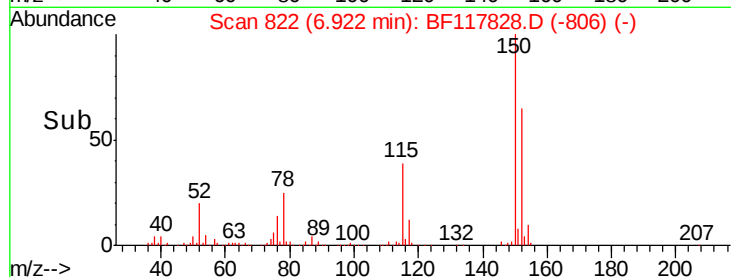
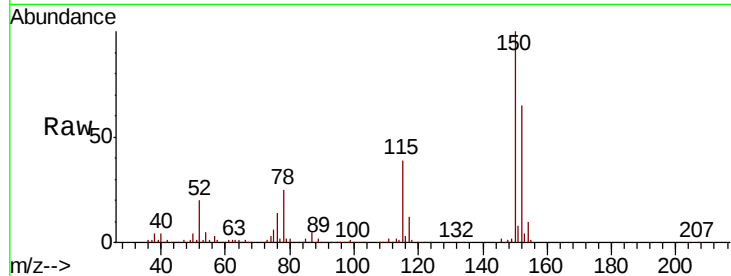
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	125.3	187.9
115	60.1	47.0	70.4

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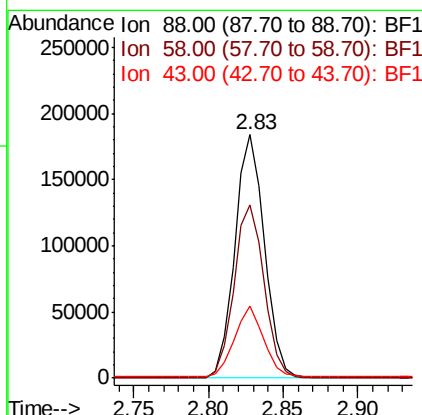
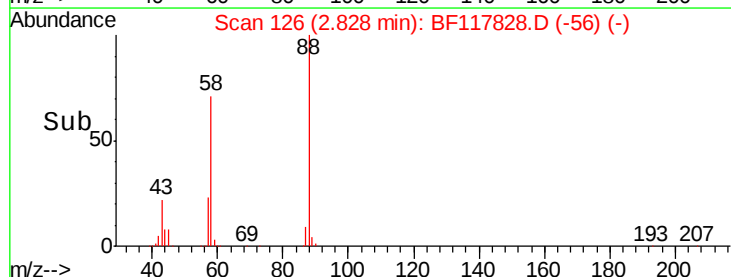
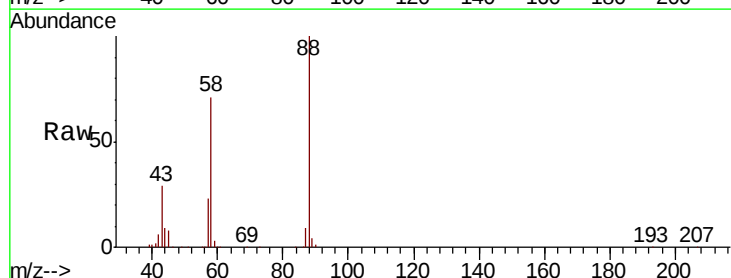
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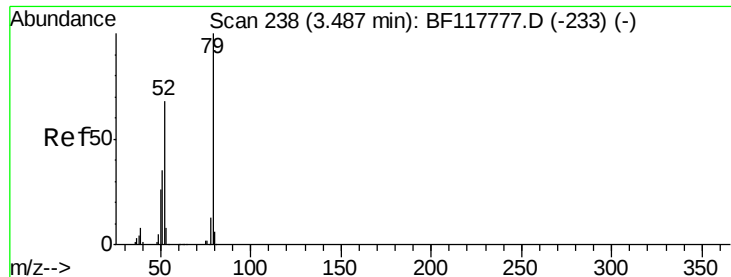


#2

1,4-Dioxane
Concen: 38.306 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.11 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	58.2	87.2
43	28.8	23.3	34.9





#3

Pvridine

Concen: 36.034 ng

RT: 3.57 min Scan# 253

Delta R.T. 0.09 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

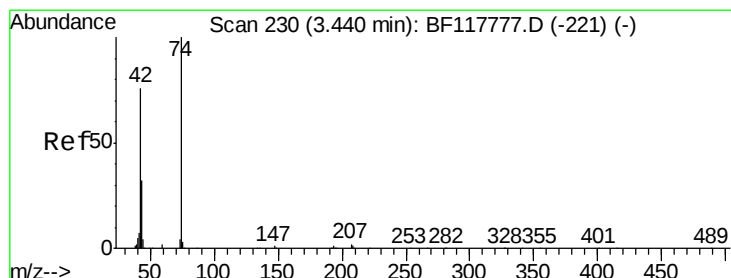
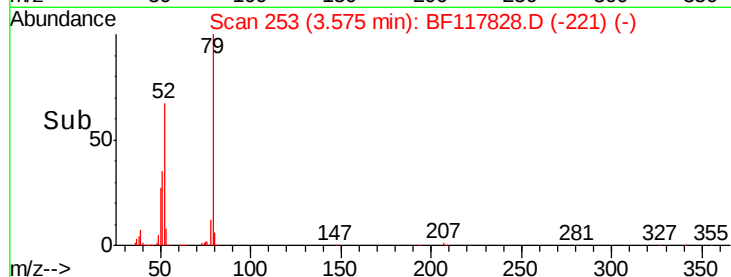
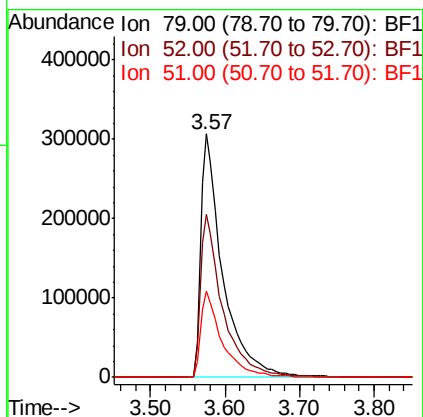
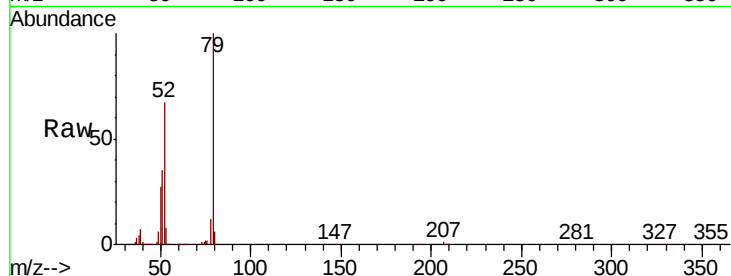
ClientSampleId :

PB124881BS

Tot Ion:	79	Resp:	627847
Ion Ratio	Lower	Upper	
79	100		
52	67.2	54.8	82.2
51	35.2	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 42.055 ng

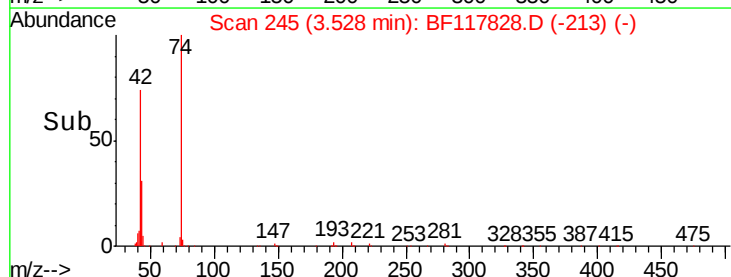
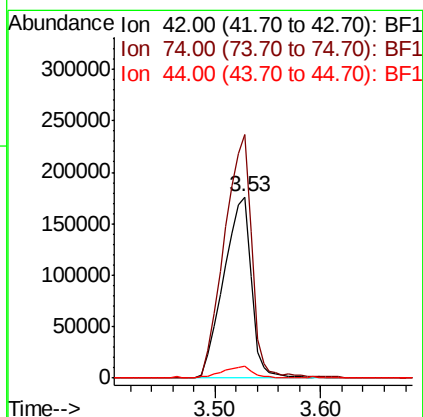
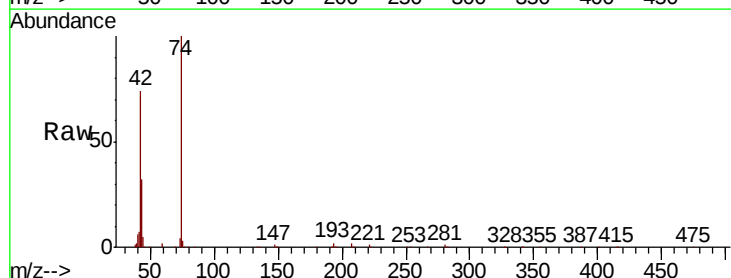
RT: 3.53 min Scan# 245

Delta R.T. 0.09 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Tgt Ion:	42	Resp:	319861
Ion Ratio	Lower	Upper	
42	100		
74	134.4	105.1	157.7
44	6.7	4.6	7.0





#5

2-Fluorophenol

Concen: 117.402 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

PB124881BS

Tot Ion:112 Resp: 1668263

Ion Ratio Lower Upper

112 100

64 56.6 45.6 68.4

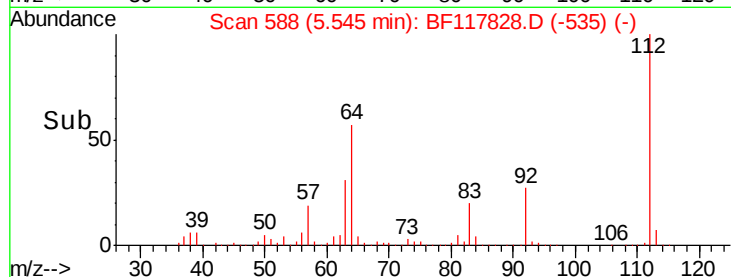
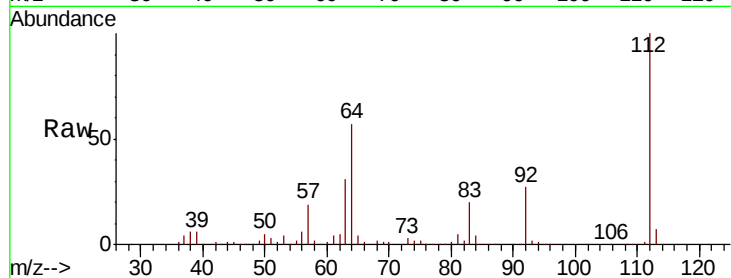
63 30.9 24.1 36.1

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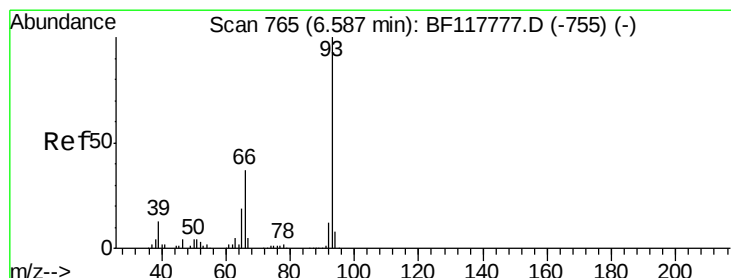
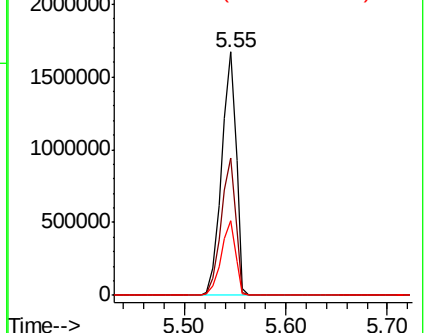
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 29.596 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

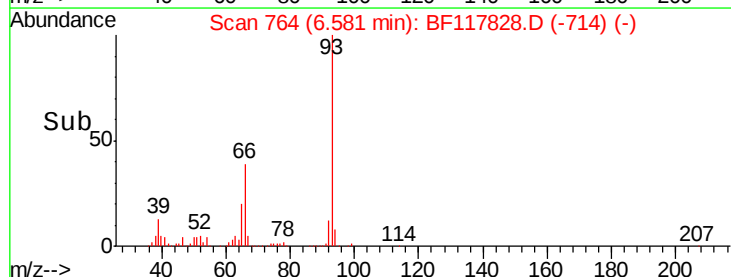
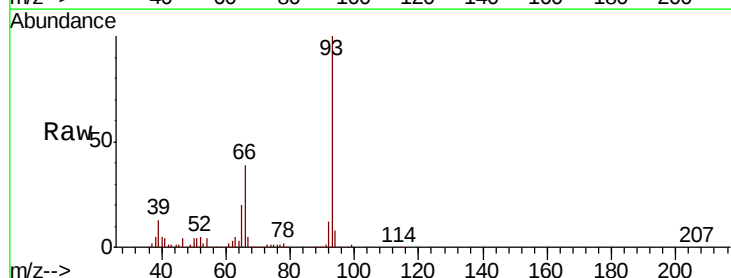
Tgt Ion: 93 Resp: 670317

Ion Ratio Lower Upper

93 100

66 39.0 30.6 45.8

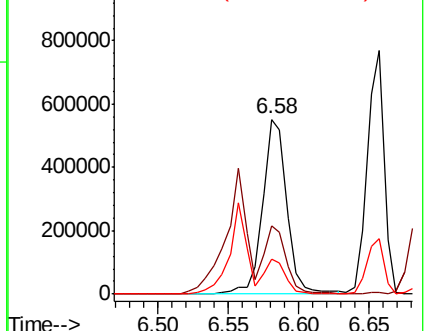
65 20.0 15.6 23.4

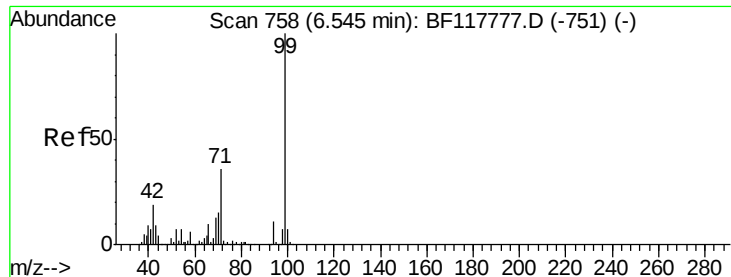


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 119.841 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

PB124881BS

Tot Ion: 99 Resp: 2054004

Ion Ratio Lower Upper

99 100

42 19.0 14.9 22.3

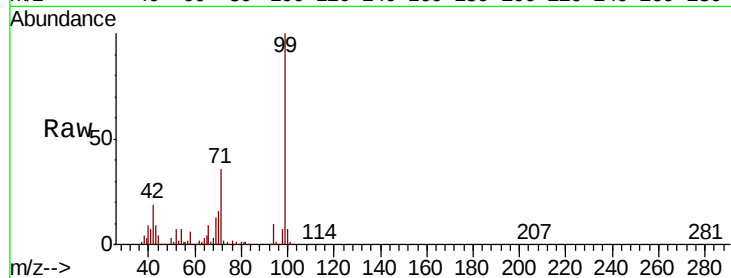
71 36.2 28.6 43.0

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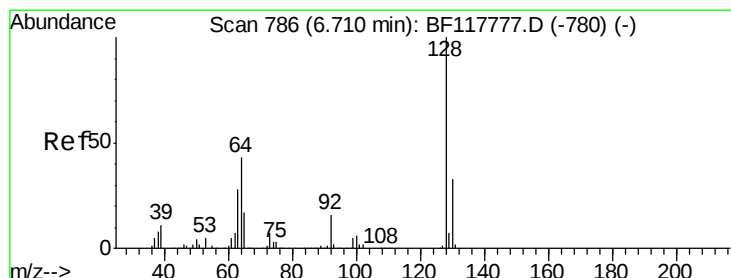
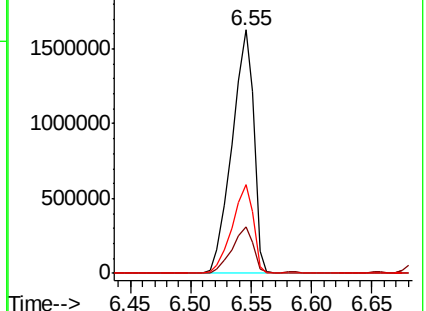
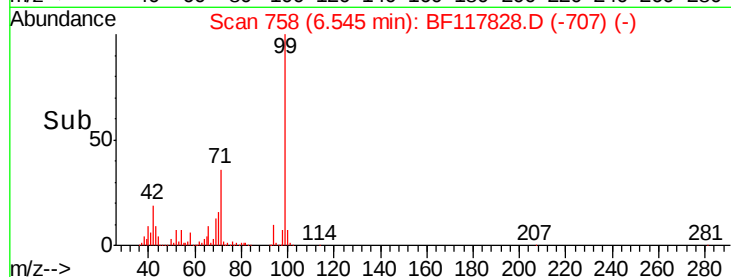
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.825 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

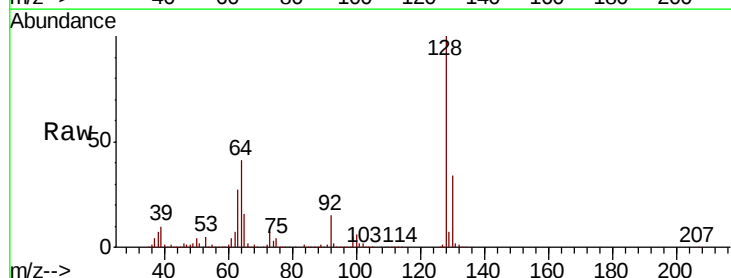
Tgt Ion: 128 Resp: 706579

Ion Ratio Lower Upper

128 100

130 33.6 13.2 53.2

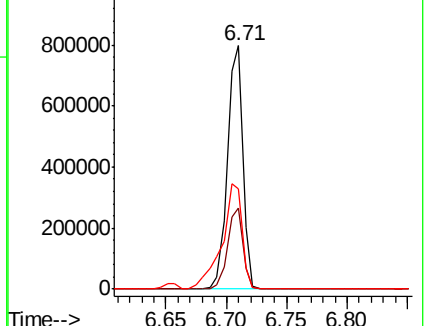
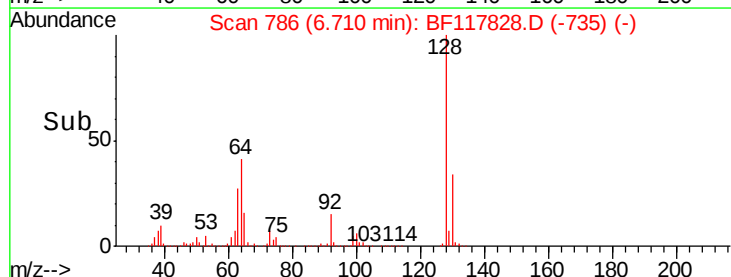
64 41.1 23.7 63.7

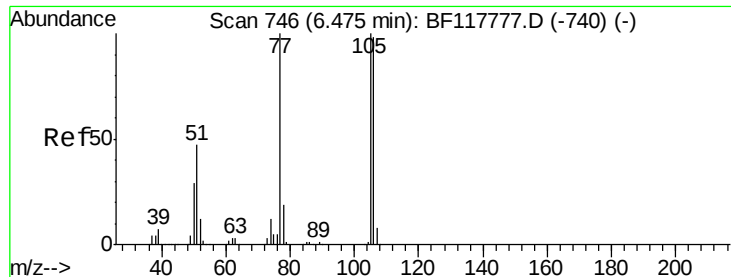


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 29.015 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

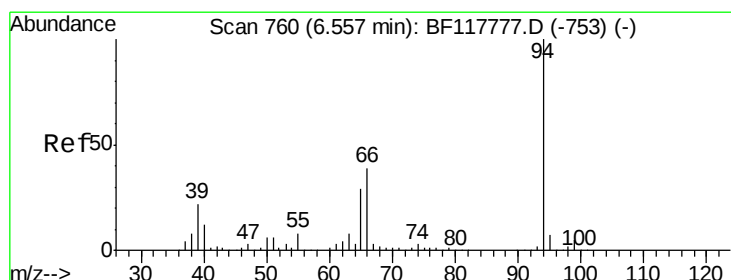
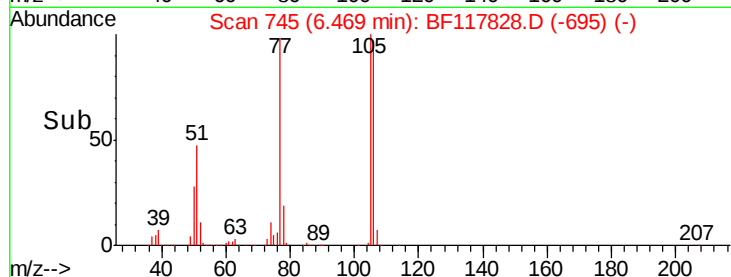
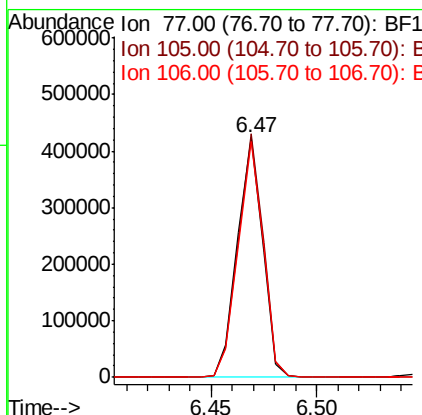
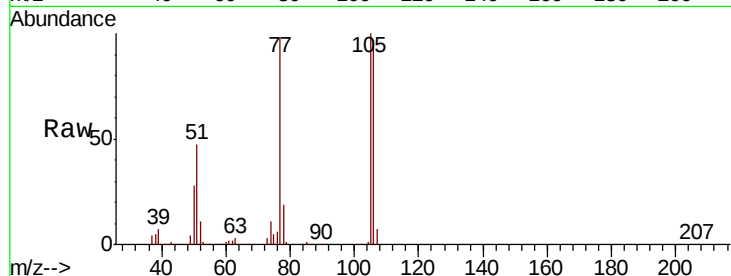
ClientSampleId :

PB124881BS

Tot Ion:	77	Resp:	349601
Ion Ratio	Lower	Upper	
77	100		
105	101.6	80.2	120.2
106	98.7	78.4	118.4

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#10

Phenol

Concen: 45.198 ng

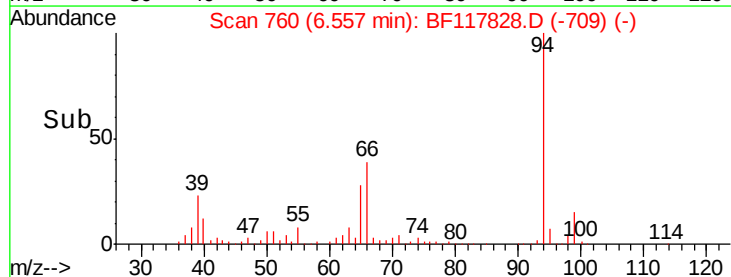
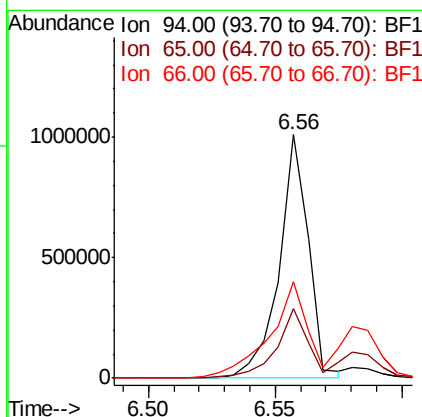
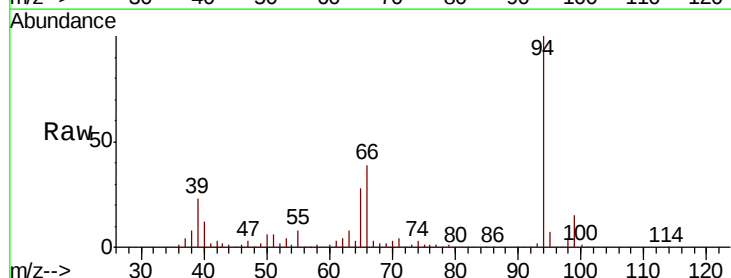
RT: 6.56 min Scan# 760

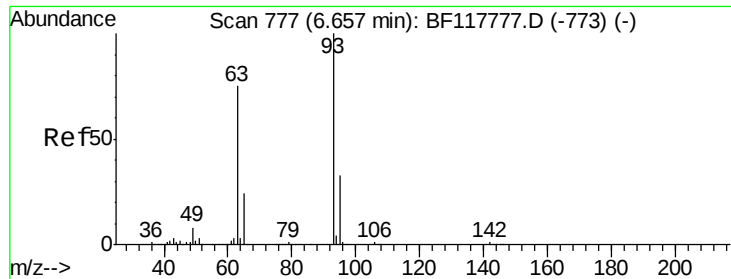
Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Tgt Ion:	94	Resp:	804995
Ion Ratio	Lower	Upper	
94	100		
65	28.5	8.9	48.9
66	39.5	18.7	58.7





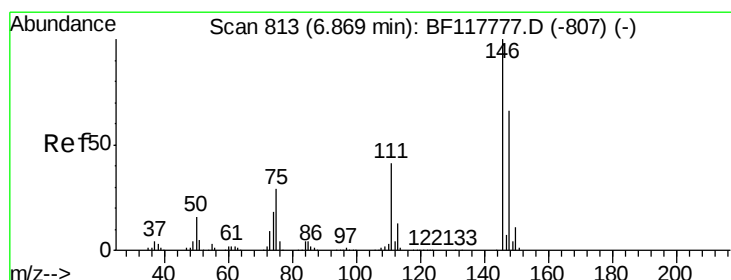
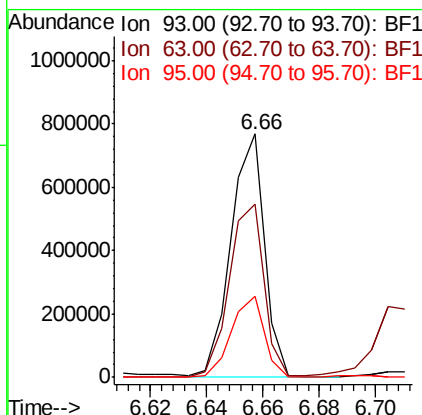
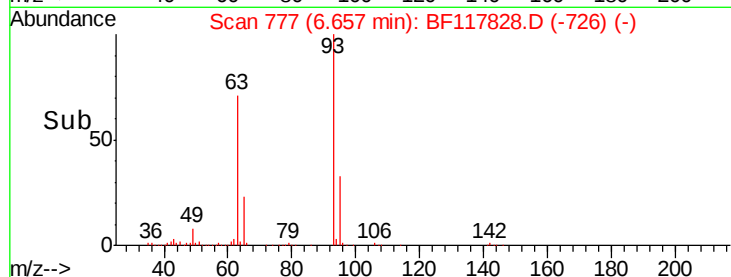
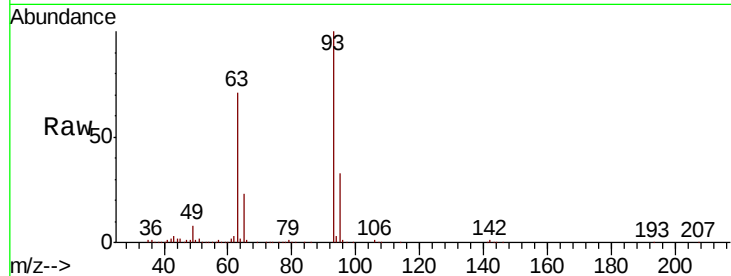
#11
bis(2-Chloroethyl)ether
Concen: 44.146 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	93	Resp	631398
Ion Ratio	Lower	Upper	
93	100		
63	71.3	54.8	94.8
95	33.1	12.7	52.7

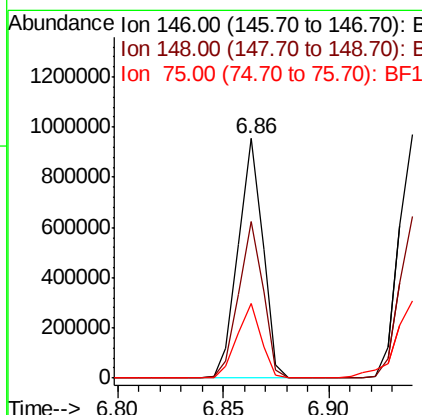
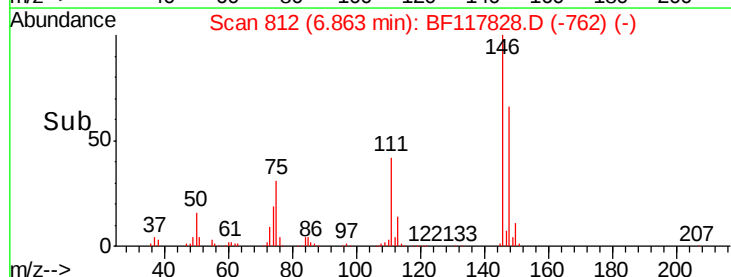
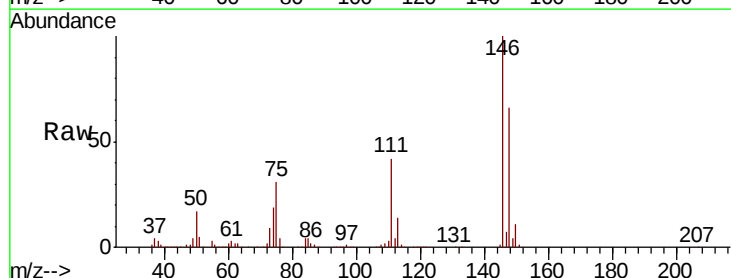
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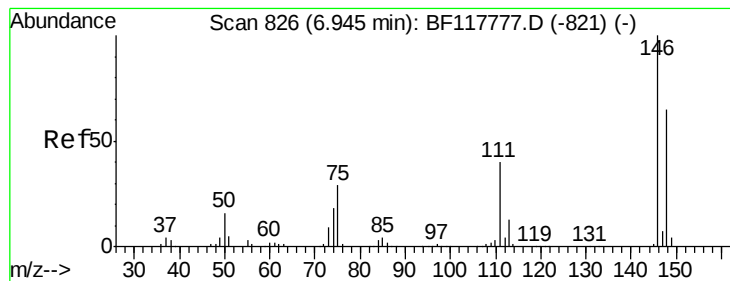
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.243 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	146	Resp	766828
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.8	79.2
75	31.0	23.4	35.0





#13

1,4-Dichlorobenzene

Concen: 43.283 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

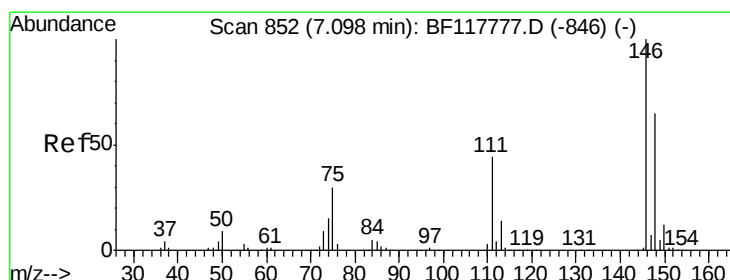
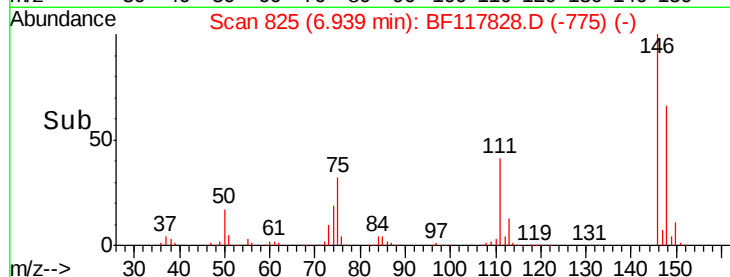
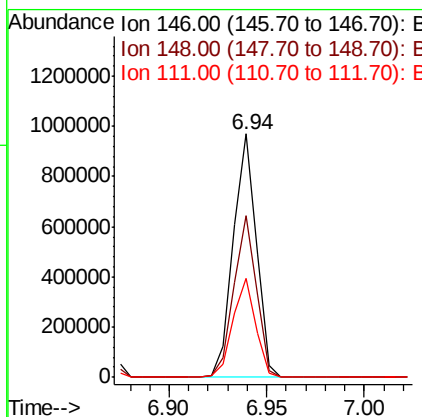
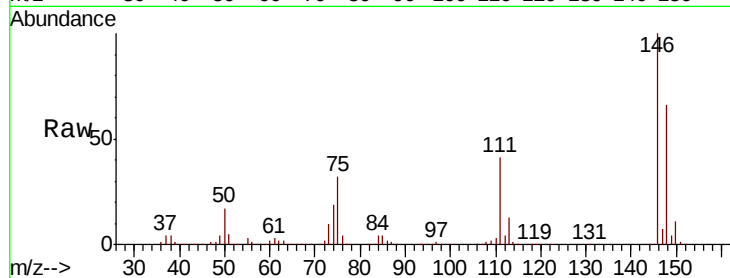
ClientSampleId :

PB124881BS

Tot Ion:	146	Resp:	794192
Ion Ratio	Lower	Upper	
146	100		
148	66.2	52.3	78.5
111	40.7	32.2	48.4

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#14

1,2-Dichlorobenzene

Concen: 42.854 ng

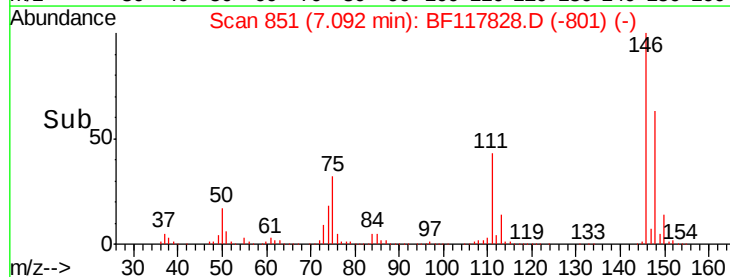
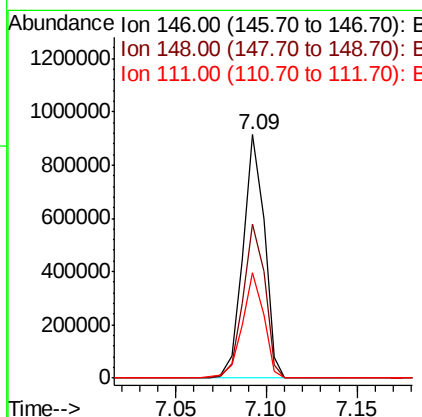
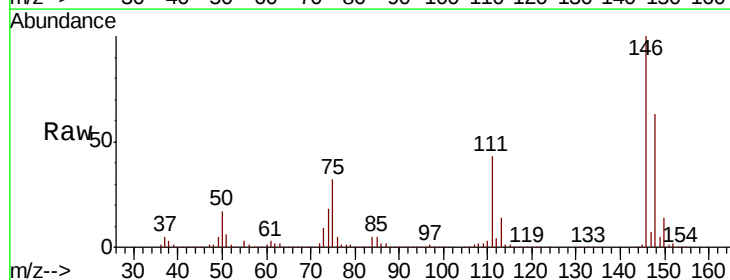
RT: 7.09 min Scan# 851

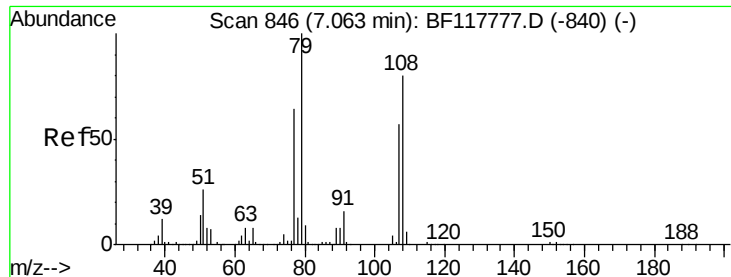
Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Tgt Ion:	146	Resp:	752019
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.8	77.8
111	43.3	35.0	52.6





#15

Benzyl Alcohol

Concen: 46.746 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

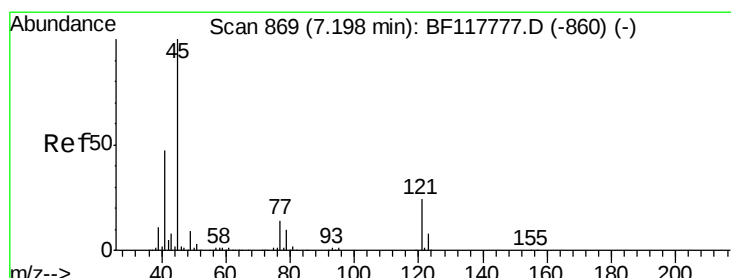
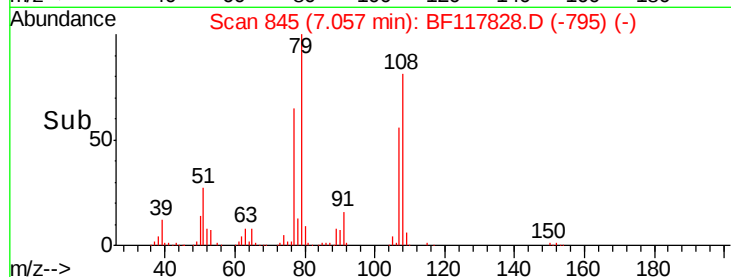
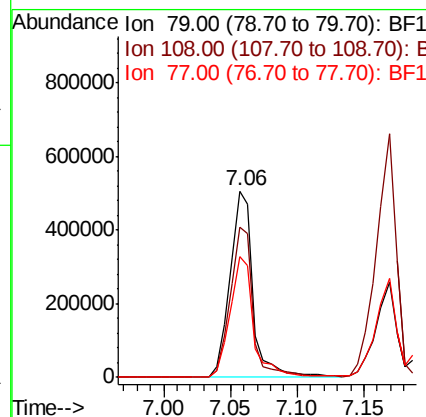
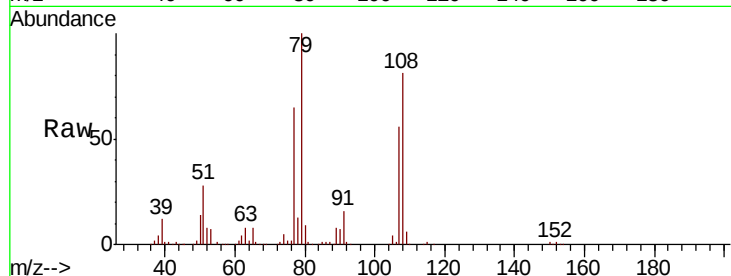
ClientSampleId :

PB124881BS

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	80.8	64.1	96.1	
77	64.9	51.3	76.9	

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#16

2,2'-oxybis(1-chloropropane)

Concen: 40.989 ng

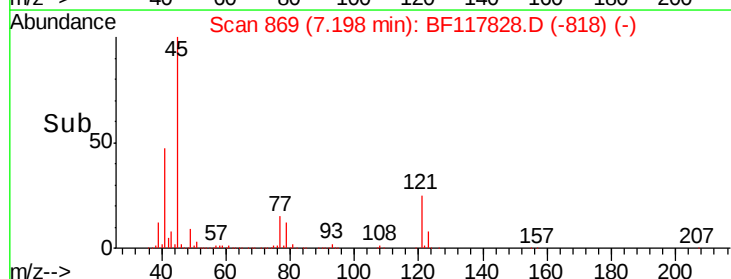
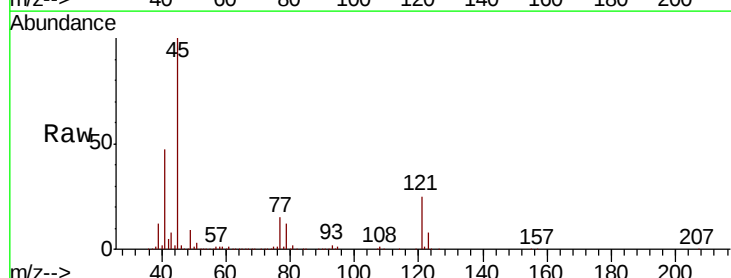
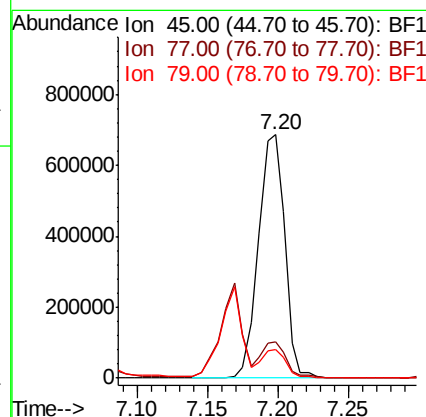
RT: 7.20 min Scan# 869

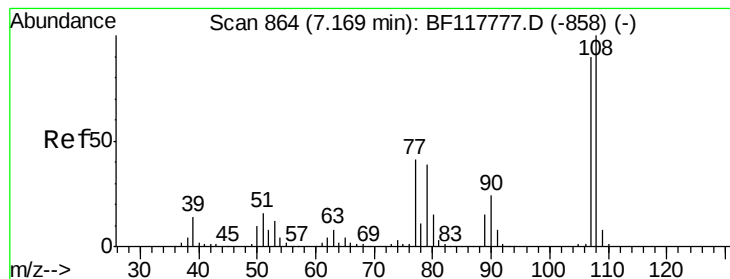
Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	15.1	0.0	35.0	
79	11.9	0.0	31.1	





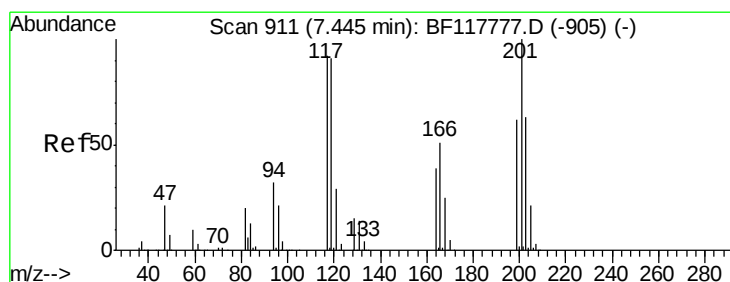
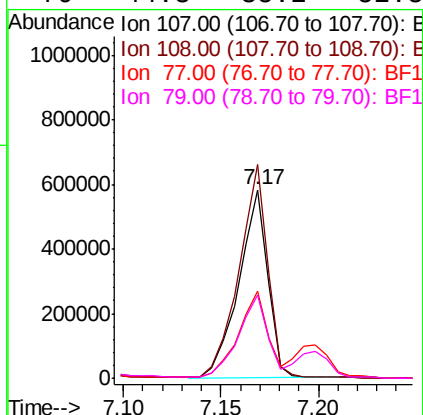
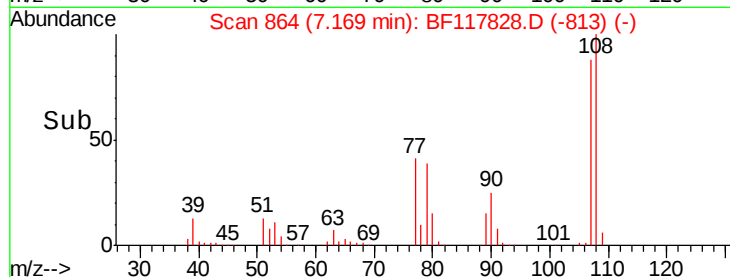
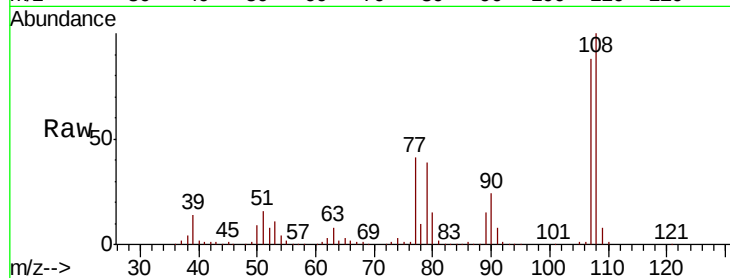
#17
2-Methylphenol
Concen: 45.572 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	89.1	133.7	
77	46.2	36.6	54.8	
79	44.3	35.2	52.8	

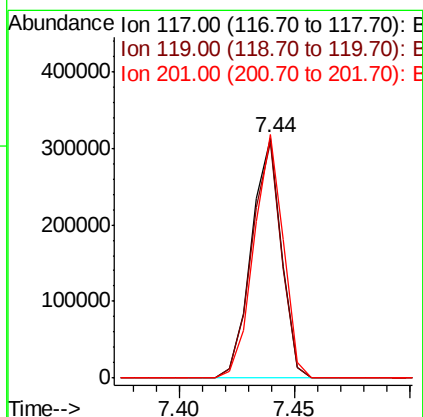
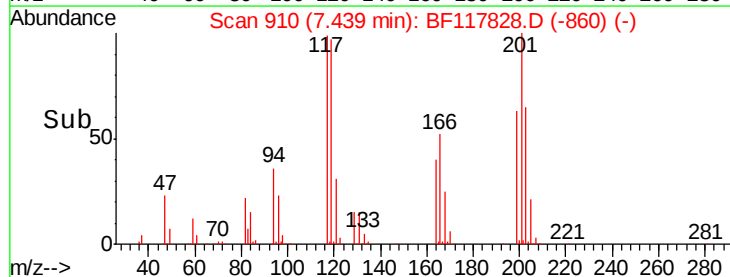
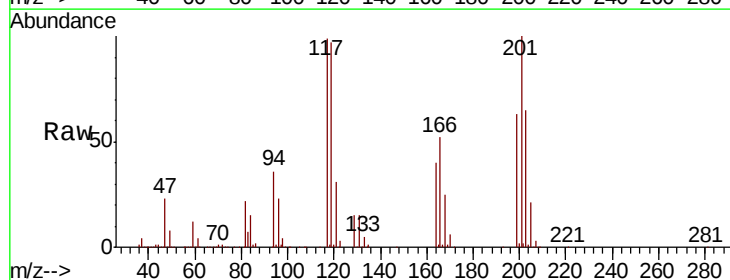
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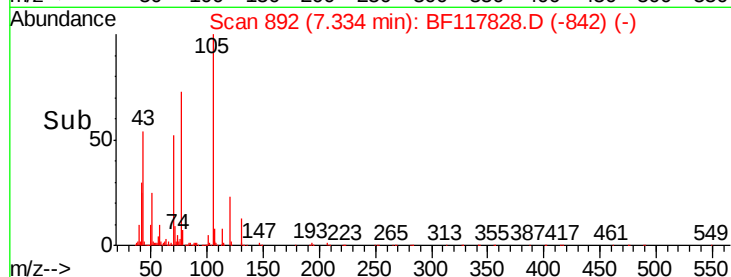
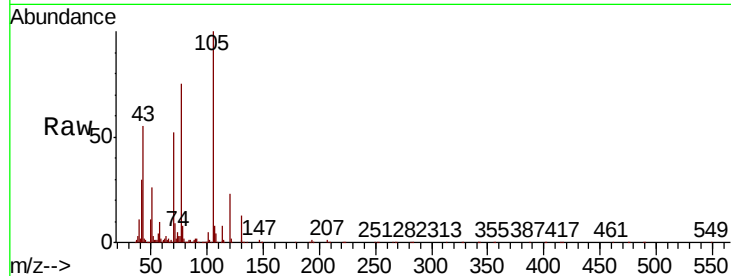
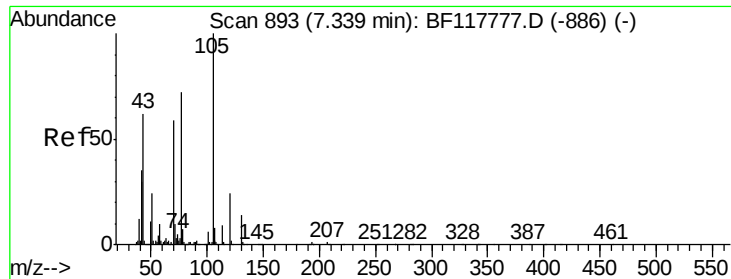
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#18
Hexachloroethane
Concen: 42.220 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	78.7	118.1	
201	101.3	86.5	129.7	





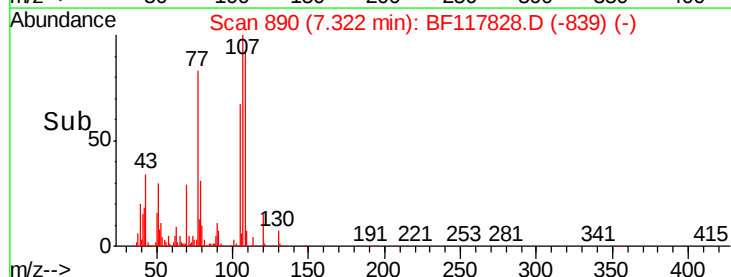
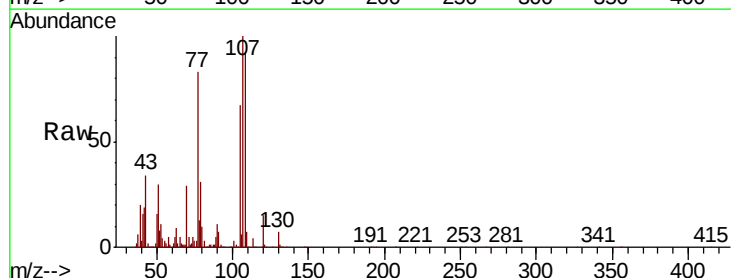
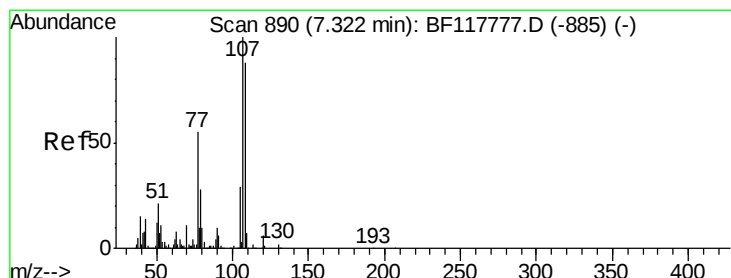
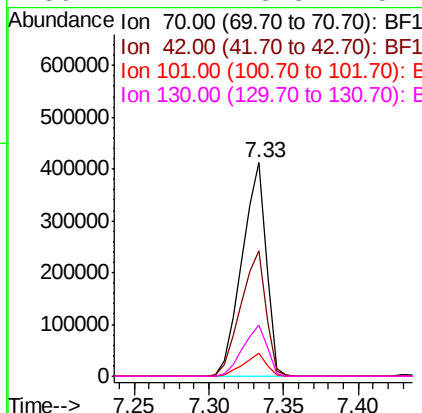
#19
n-Nitroso-di-n-propylamine
Concen: 44.046 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	58.6	47.4	71.2
101	10.6	8.4	12.6
130	24.1	18.8	28.2

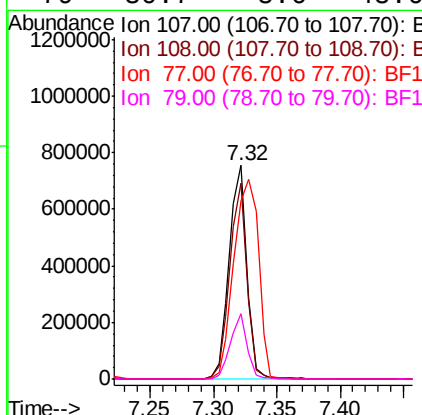
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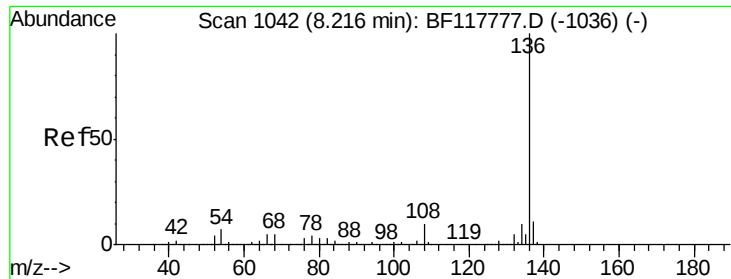
mohammad
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#20
3+4-Methylphenols
Concen: 44.869 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	68.4	108.4
77	83.4	35.2	75.2#
79	30.7	8.6	48.6





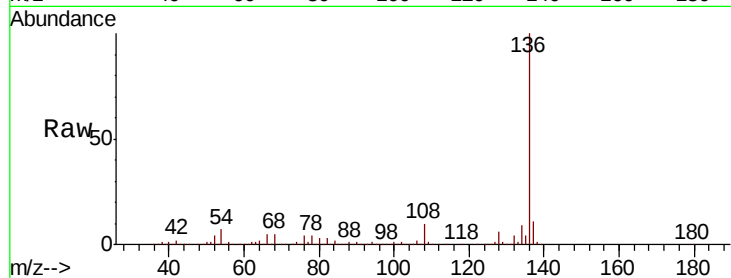
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	136	Resp	1022043
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	7.2	5.4	8.2
68	5.3	4.3	6.5

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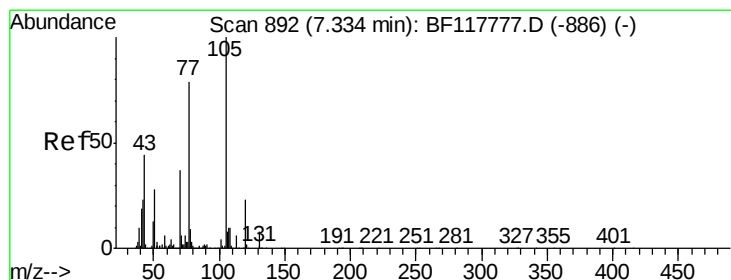
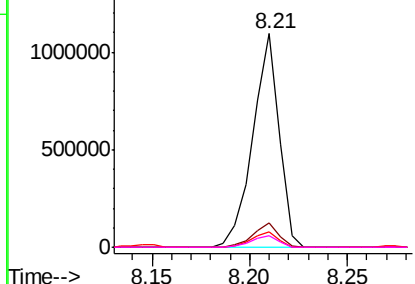
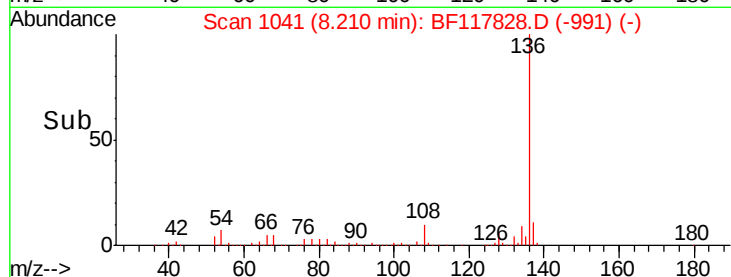
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

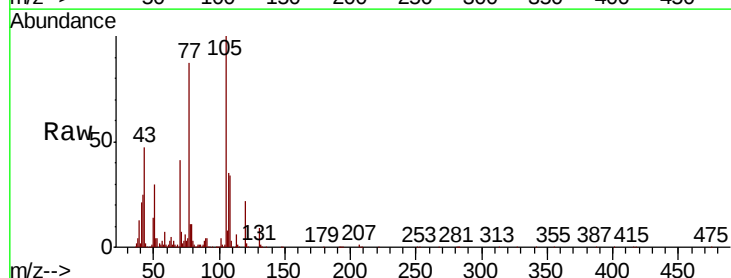
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 41.507 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	105	Resp	953085
Ion	Ratio	Lower	Upper
105	100		
71	7.0	4.9	7.3
51	30.0	22.7	34.1
120	22.5	18.5	27.7



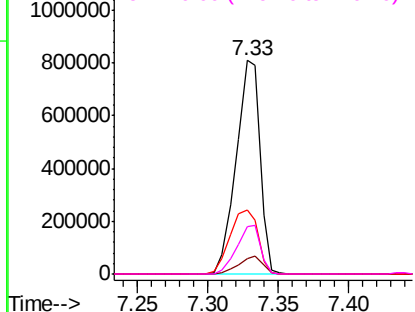
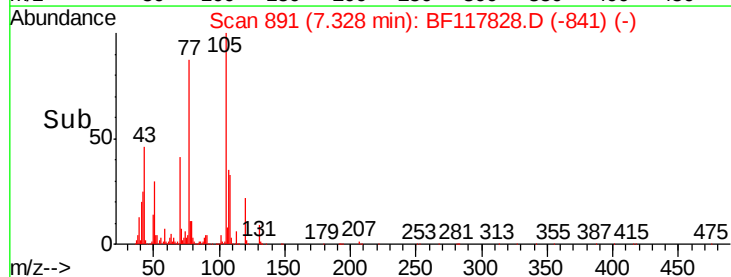
Abundance

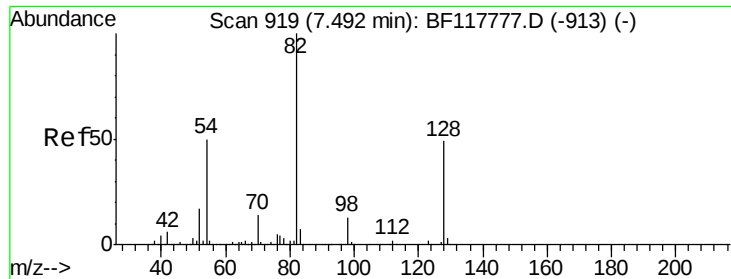
Ion 105.00 (104.70 to 105.70): E

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





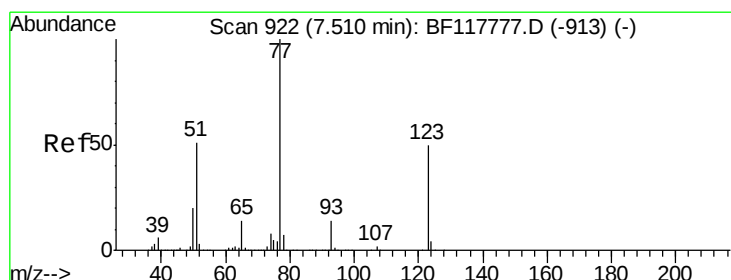
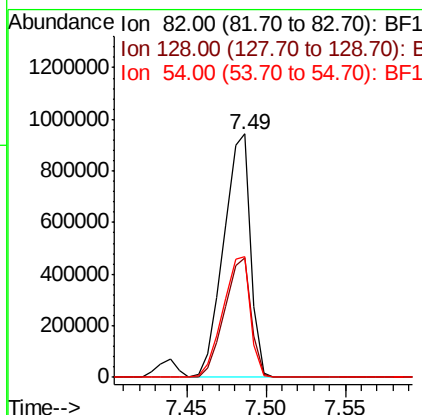
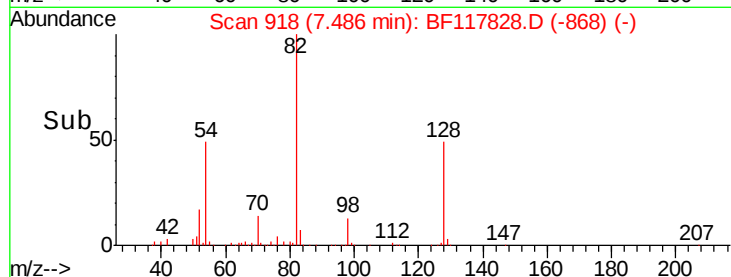
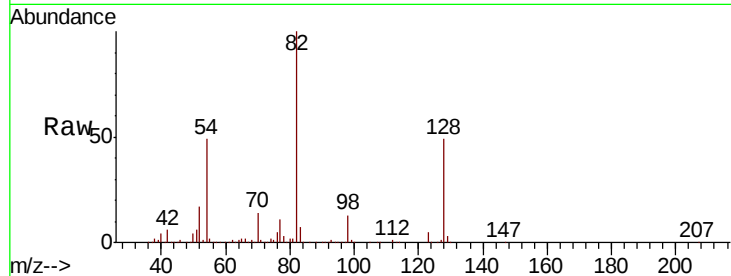
#23
Nitrobenzene-d5
Concen: 64.338 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	82	Resp	1106154
Ion Ratio	100	Lower	Upper
82	100		
128	49.3	38.9	58.3
54	49.5	39.8	59.6

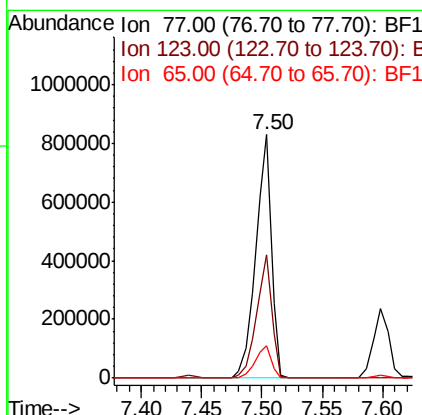
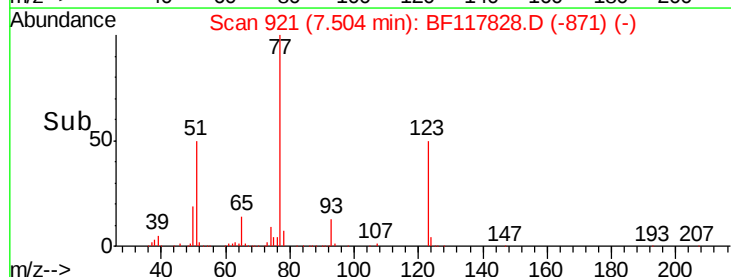
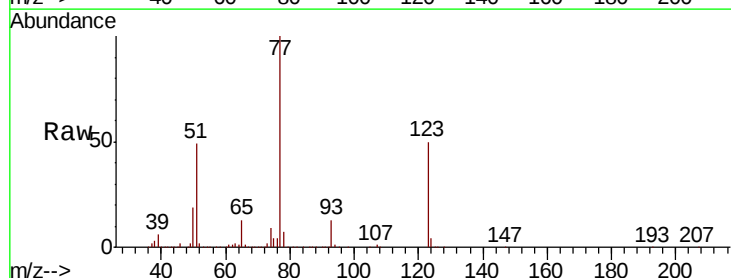
Manual Integrations
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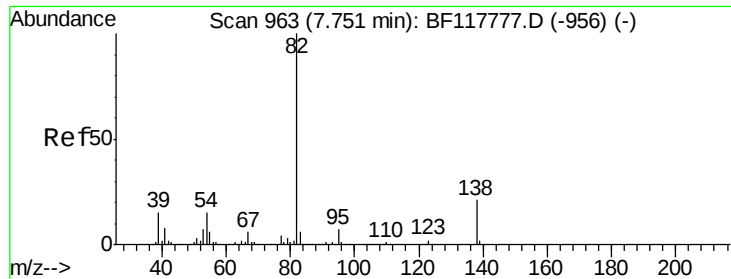
mohammad
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#24
Nitrobenzene
Concen: 42.382 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	77	Resp	751717
Ion Ratio	100	Lower	Upper
77	100		
123	50.4	40.3	60.5
65	13.5	10.9	16.3





#25

Isophorone

Concen: 41.945 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

PB124881BS

Tot Ion: 82 Resp: 1321763

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.8

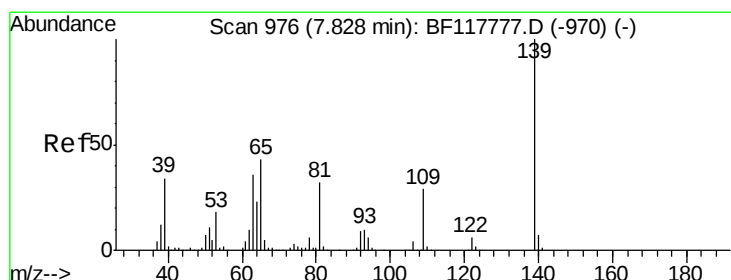
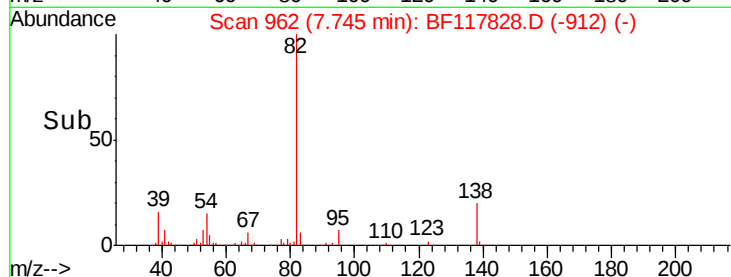
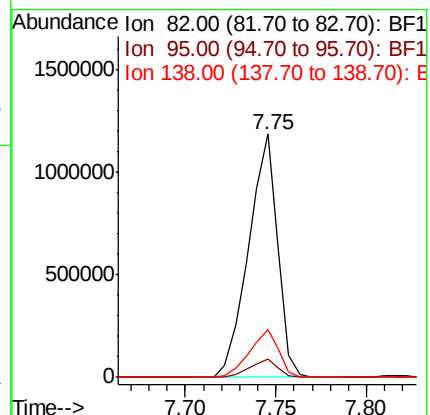
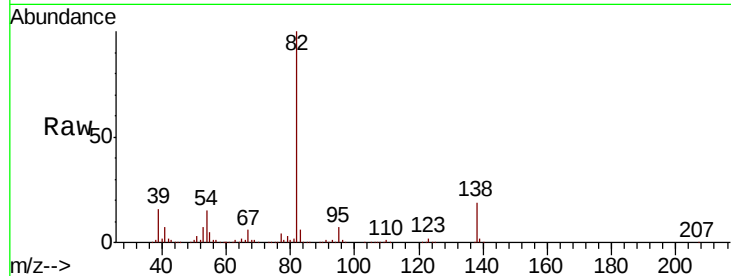
138 19.5 16.5 24.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 46.337 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

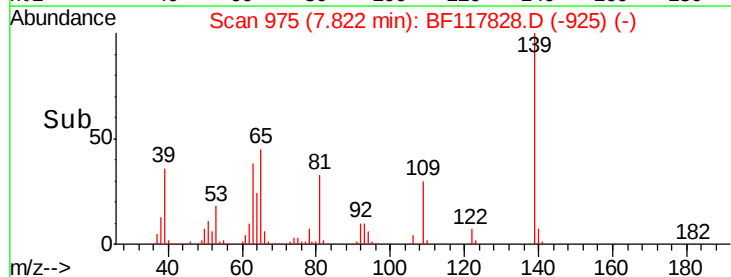
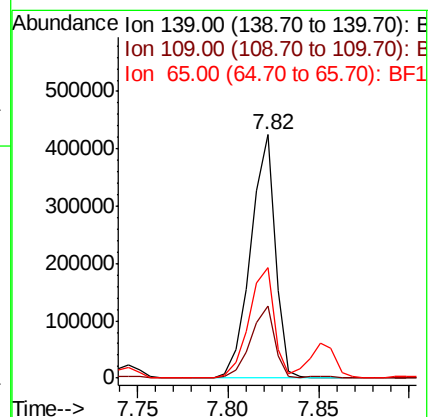
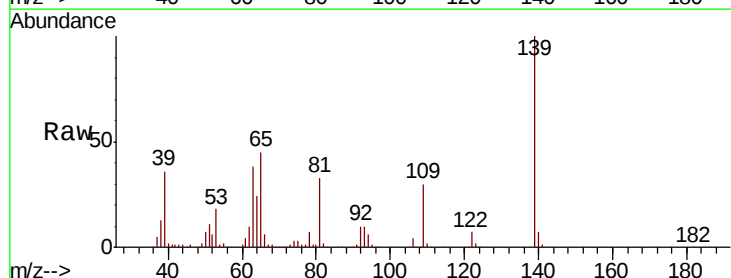
Tgt Ion: 139 Resp: 400022

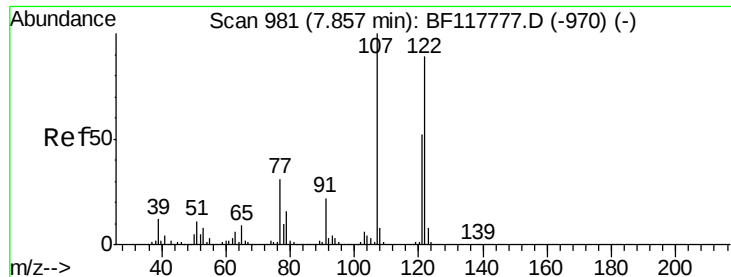
Ion Ratio Lower Upper

139 100

109 29.6 23.0 34.4

65 45.3 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 49.648 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

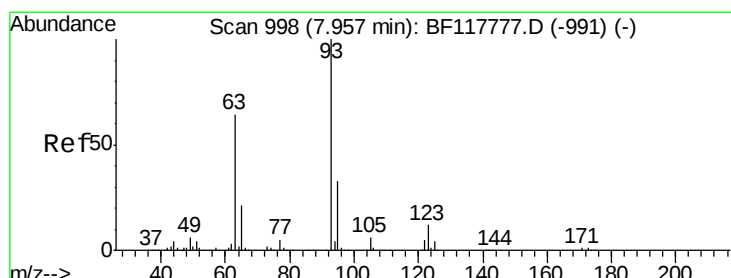
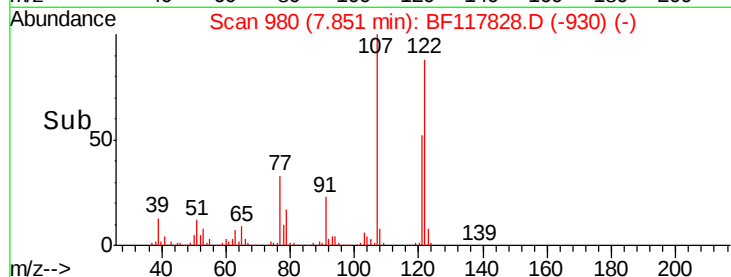
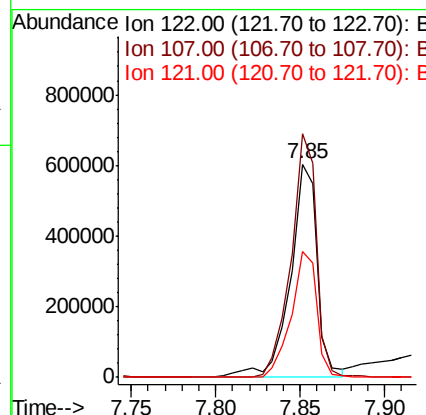
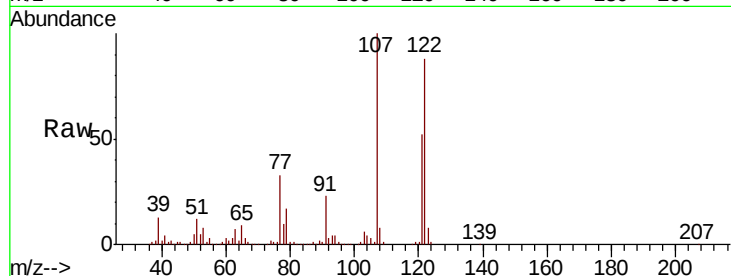
ClientSampleId :

PB124881BS

Tot Ion:	122	Resp:	666005
Ion Ratio	Lower	Upper	
122	100		
107	114.2	90.0	135.0
121	59.0	46.7	70.1

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#28

bis(2-Chloroethoxy)methane

Concen: 39.877 ng

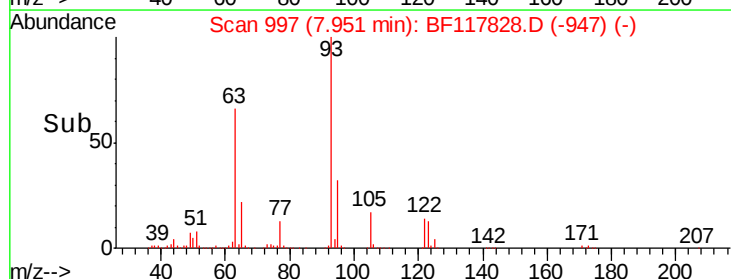
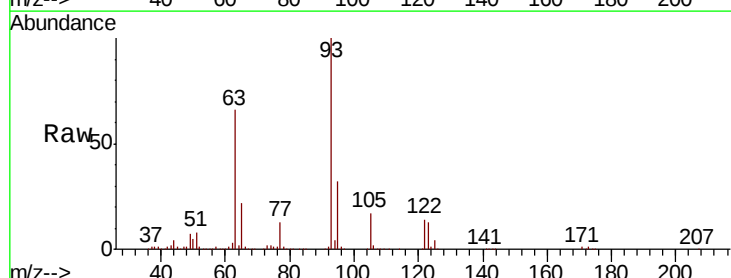
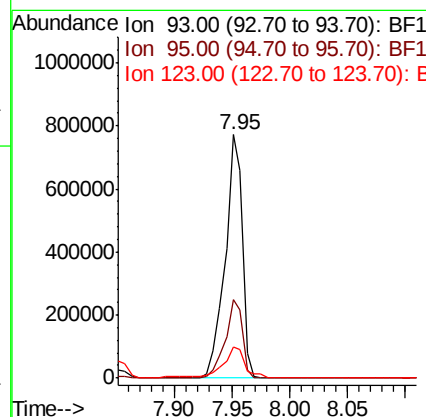
RT: 7.95 min Scan# 997

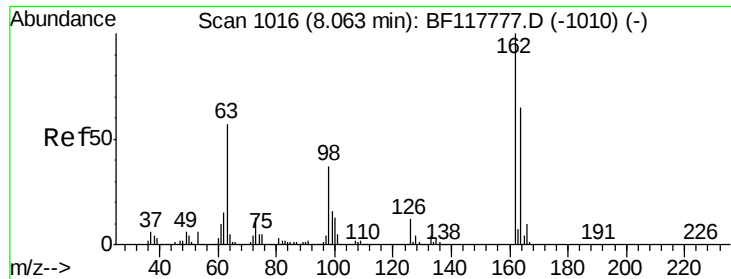
Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Tgt Ion:	93	Resp:	797395
Ion Ratio	Lower	Upper	
93	100		
95	32.5	26.6	40.0
123	13.0	10.3	15.5





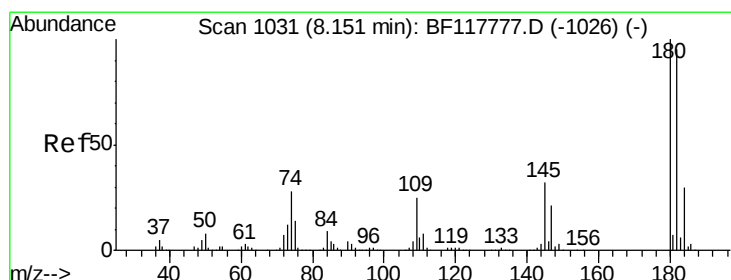
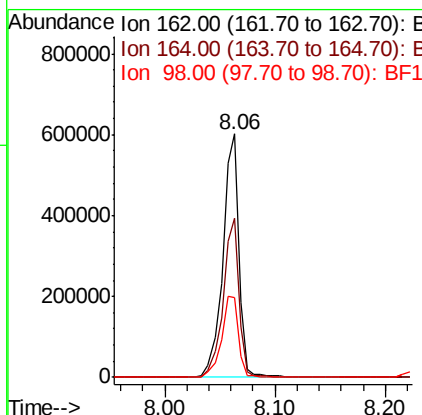
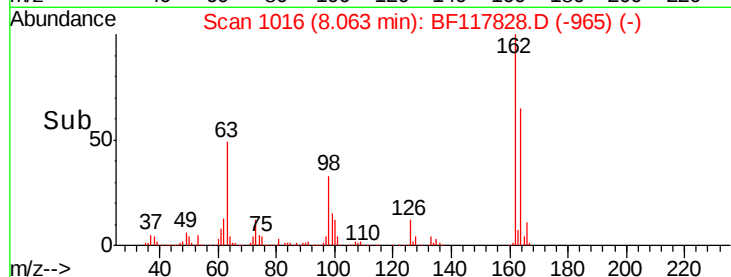
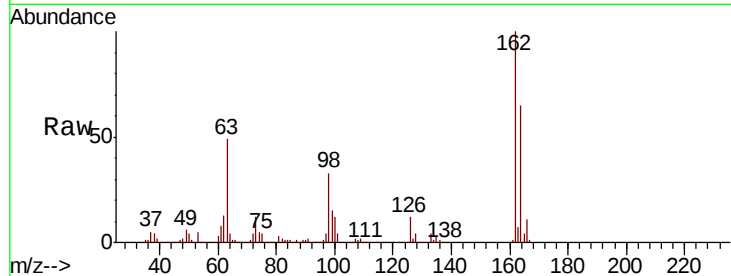
#29
2,4-Dichlorophenol
Concen: 42.067 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.3	45.1	85.1
98	32.8	17.2	57.2

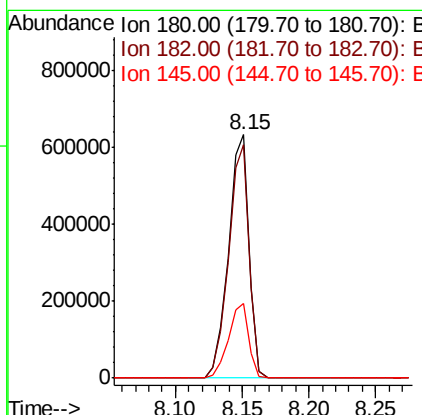
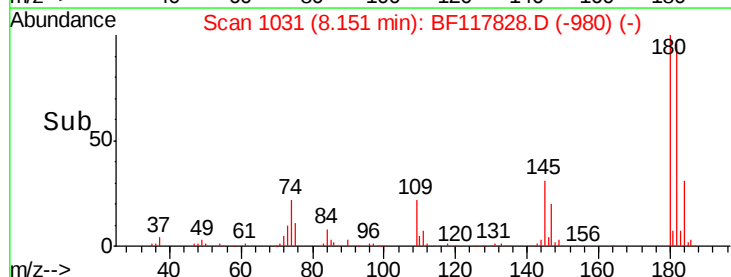
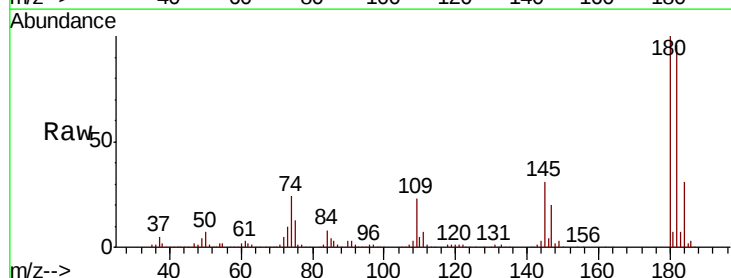
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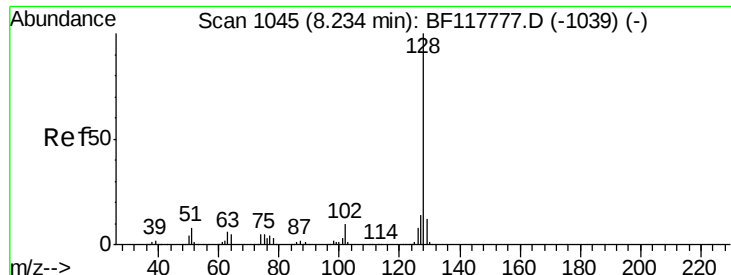
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#30
1,2,4-Trichlorobenzene
Concen: 40.450 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	75.8	113.6
145	30.7	25.5	38.3





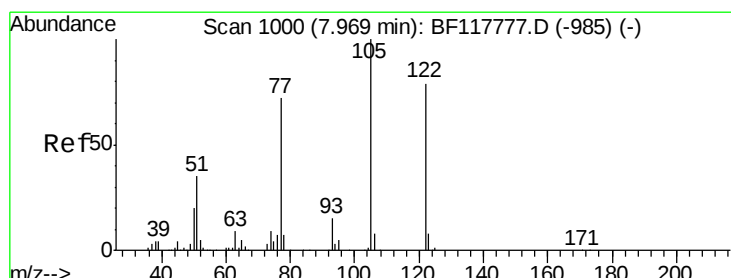
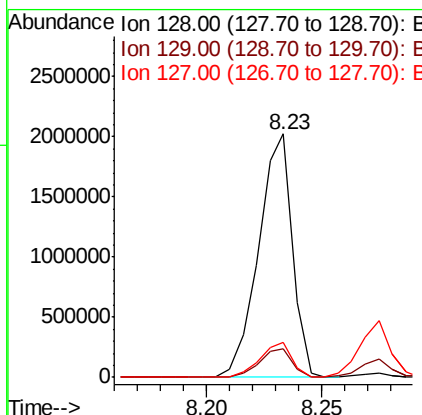
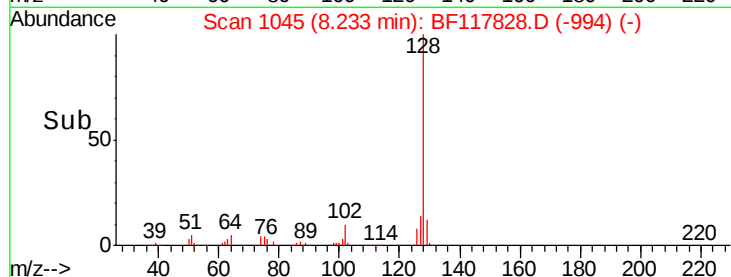
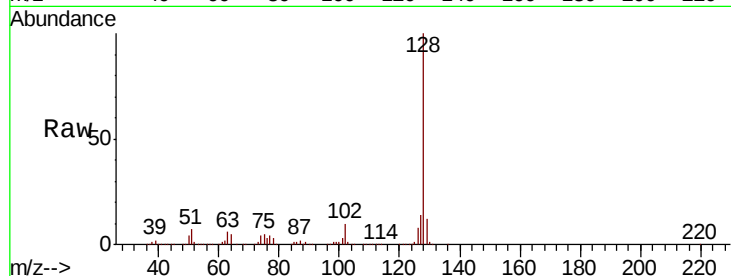
#31
Naphthalene
Concen: 43.341 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	14.2	11.3	16.9

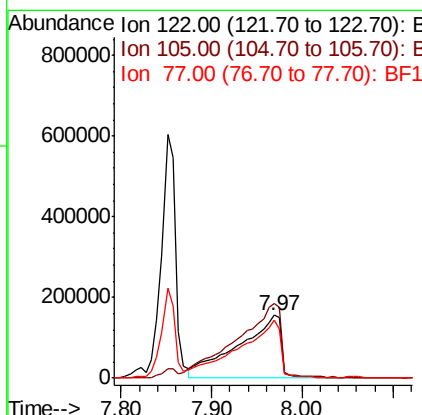
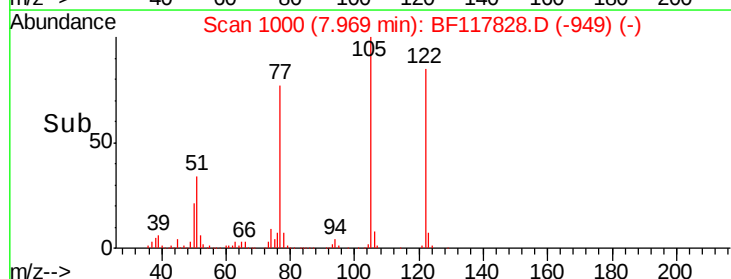
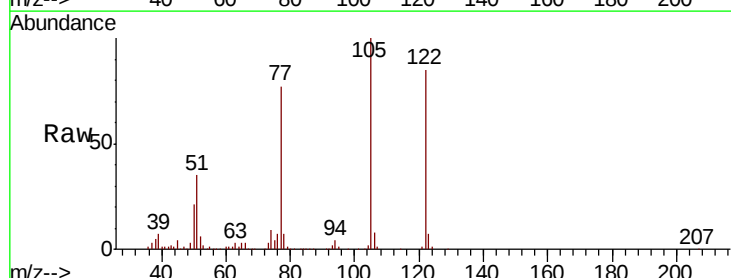
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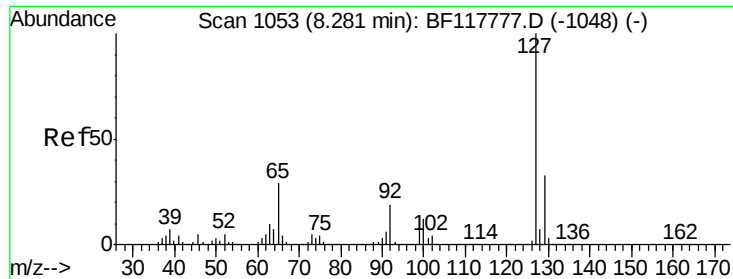
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#32
Benzoic acid
Concen: 45.557 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	102.7	142.7
77	91.5	70.5	110.5





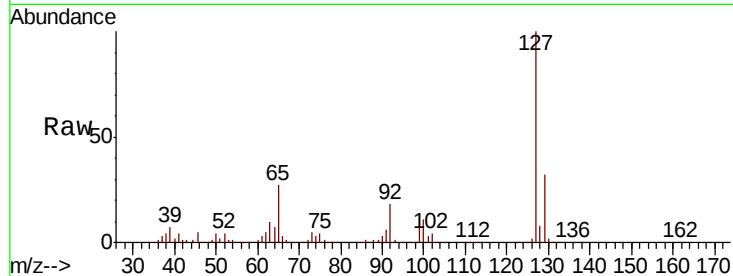
#33
4-Chloroaniline
Concen: 21.202 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

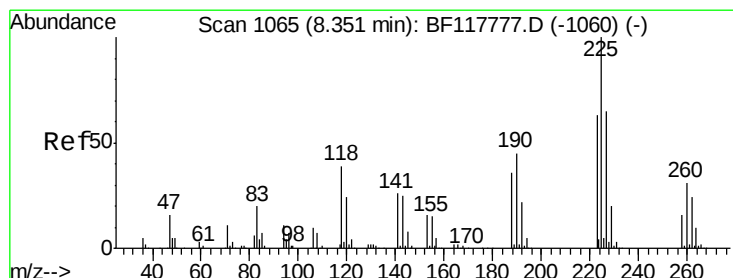
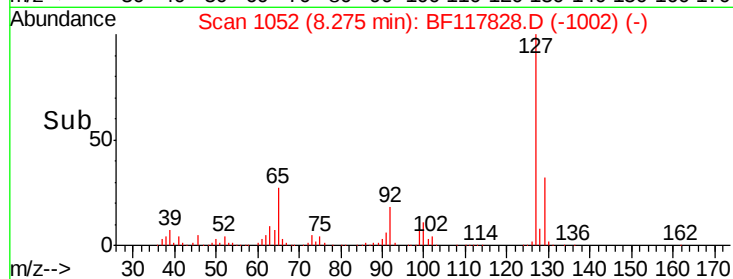
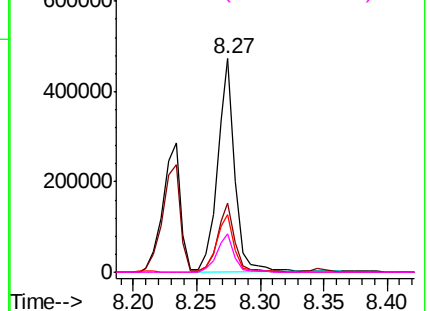
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.3	26.5	39.7	
65	27.1	22.9	34.3	
92	17.8	15.0	22.6	

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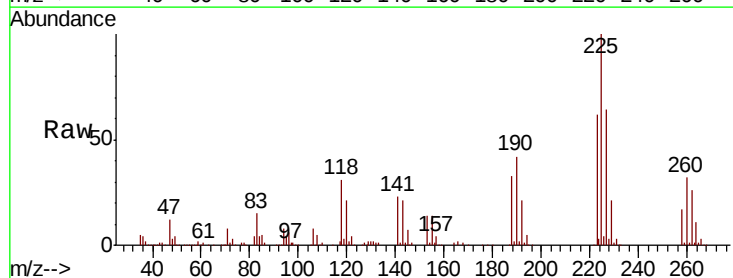


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

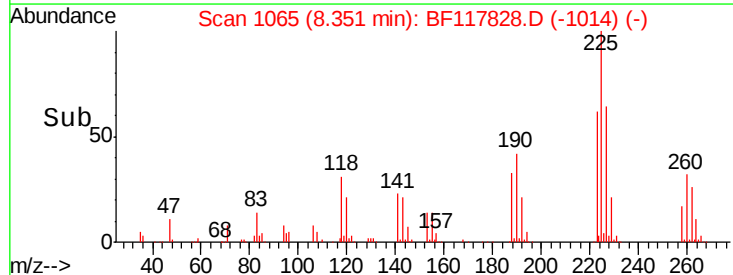
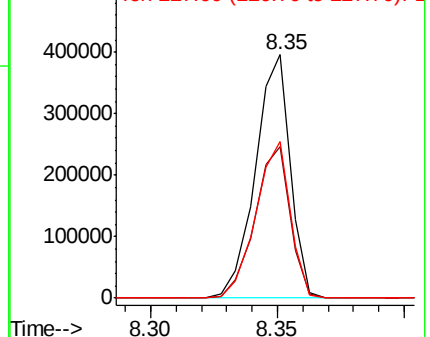


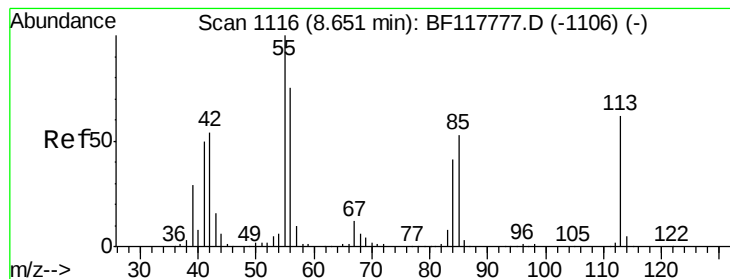
#34
Hexachlorobutadiene
Concen: 38.533 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.0	75.0	
227	64.1	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: 42.467 ng/mL

RT: 8.65 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleID :

PB124881BS

Tot Ion: 113 Resp: 196392

Ion Ratio Lower Upper

113 100

55 160.3 141.1 181.1

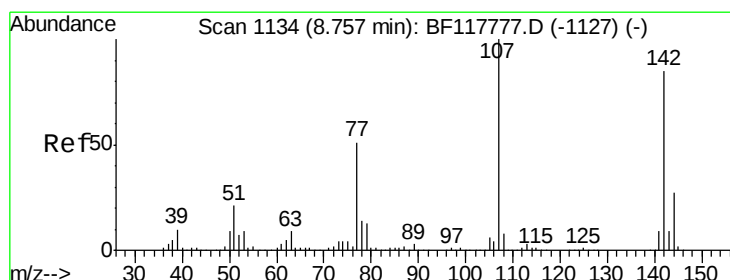
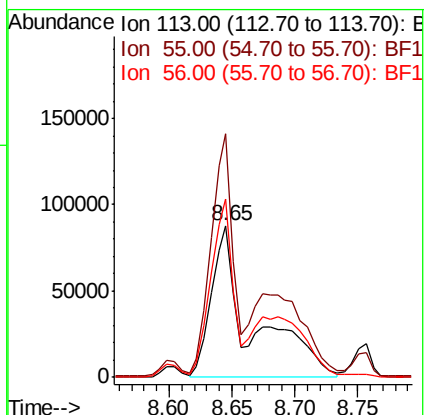
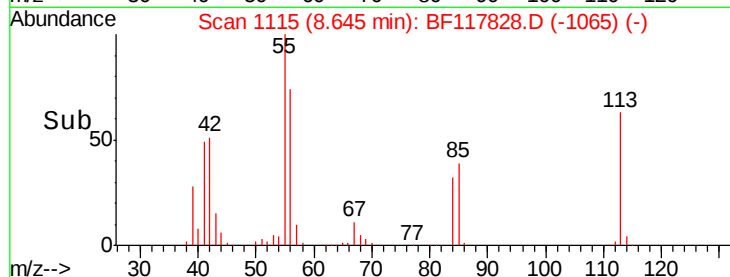
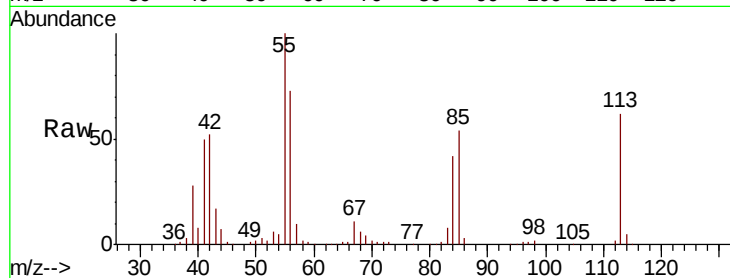
56 117.8 100.5 140.5

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#36

4-Chloro-3-methylphenol

Concen: 43.164 ng/mL

RT: 8.76 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

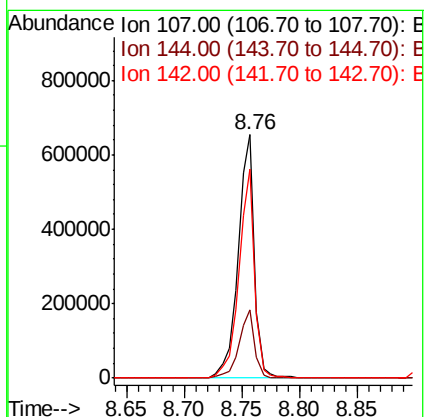
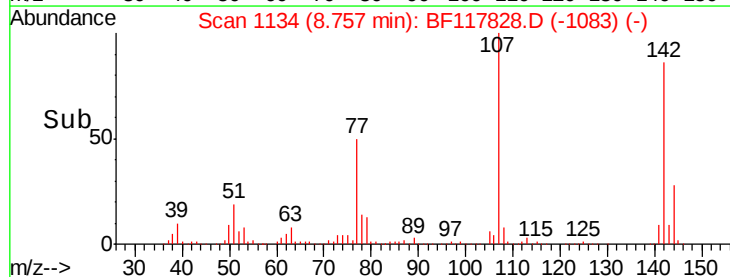
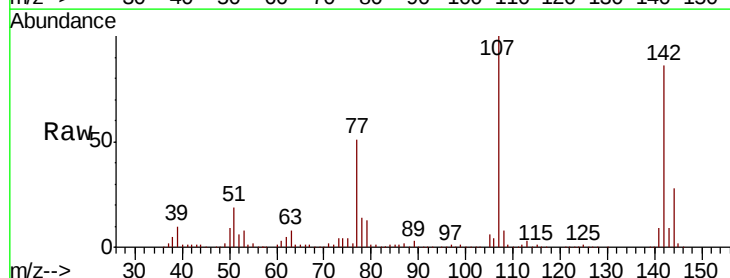
Tgt Ion: 107 Resp: 637420

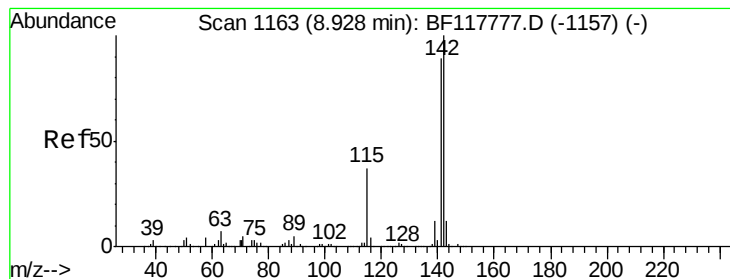
Ion Ratio Lower Upper

107 100

144 28.2 21.9 32.9

142 85.6 67.7 101.5





#37

2-Methylnaphthalene

Concen: 43.404 ng

RT: 8.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

PB124881BS

Tot Ion:142 Resp: 1397328

Ion Ratio Lower Upper

142 100

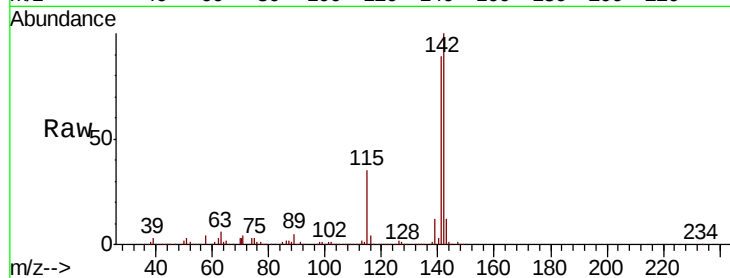
141 89.4 71.1 106.7

115 35.1 29.2 43.8

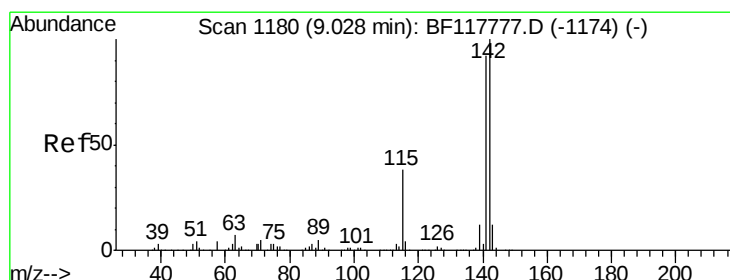
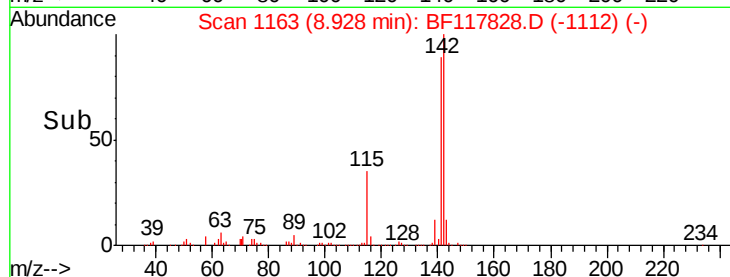
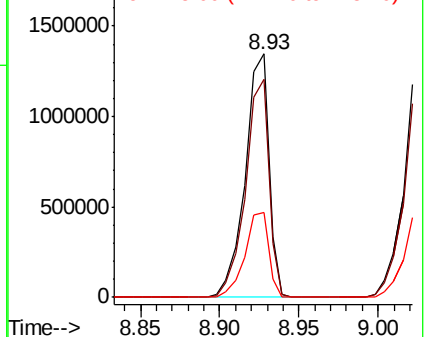
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.429 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

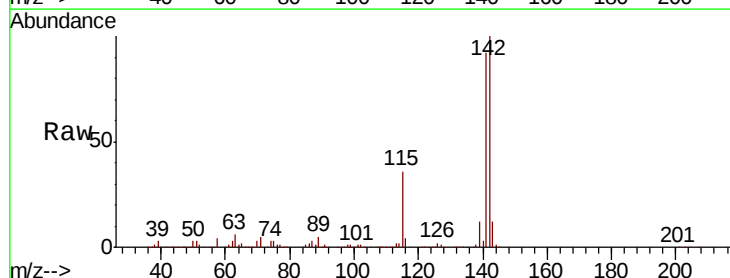
Tgt Ion:142 Resp: 1321793

Ion Ratio Lower Upper

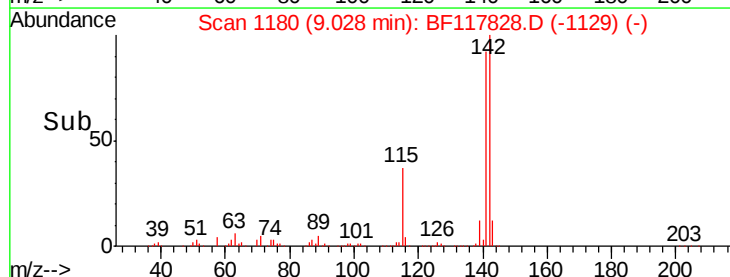
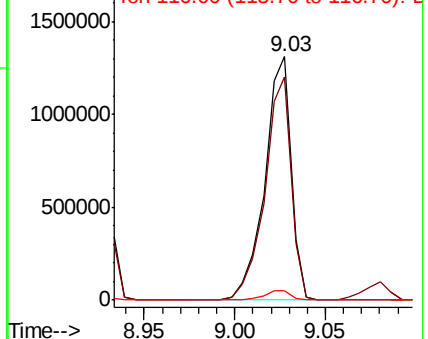
142 100

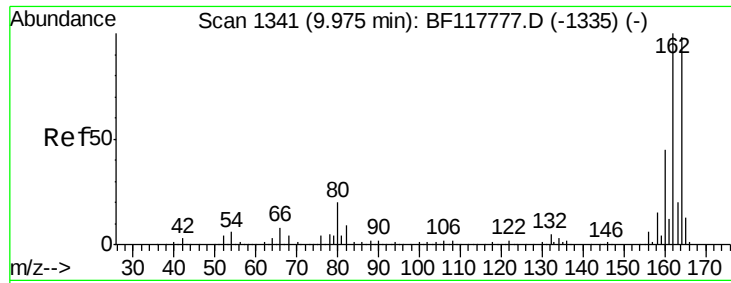
141 91.6 73.5 110.3

116 3.7 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





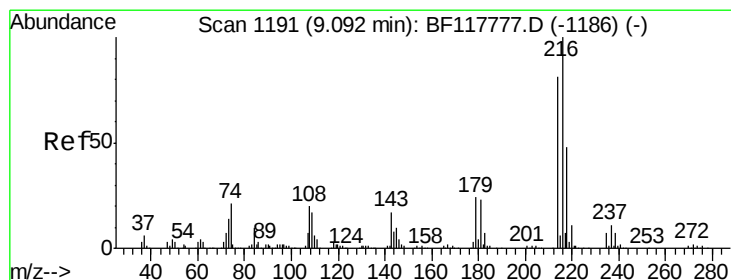
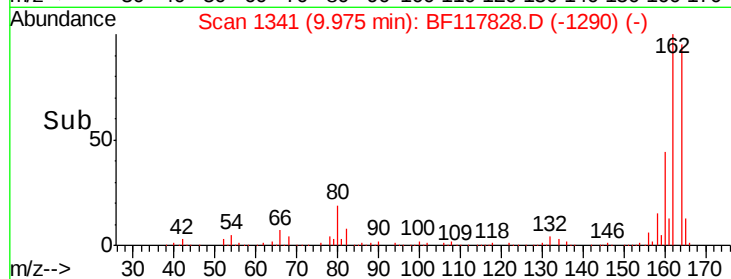
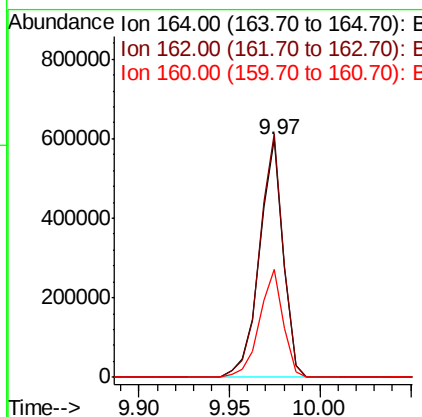
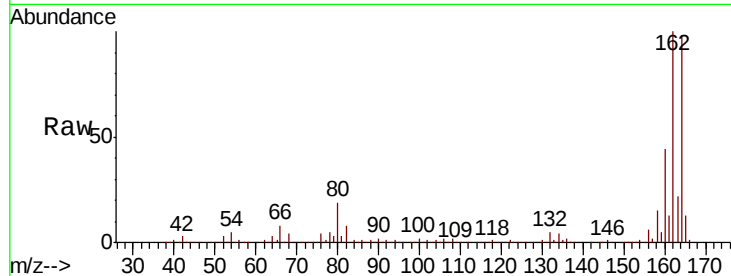
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	45.4	36.6	55.0

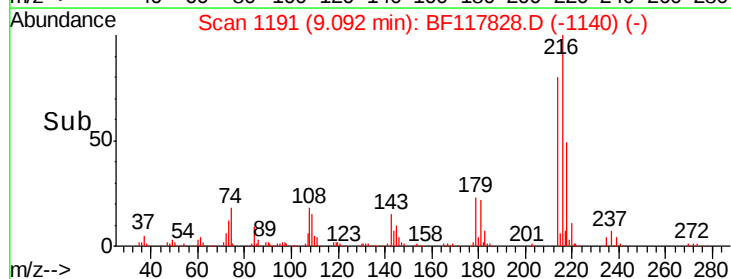
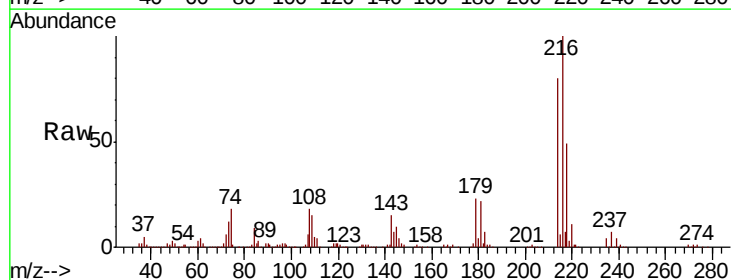
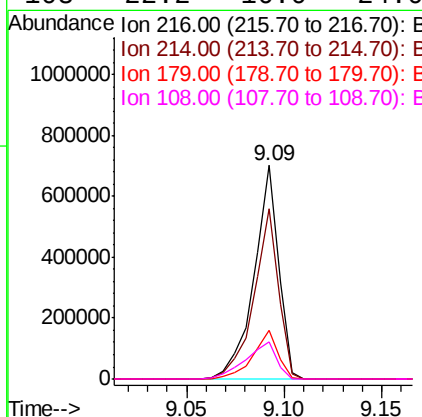
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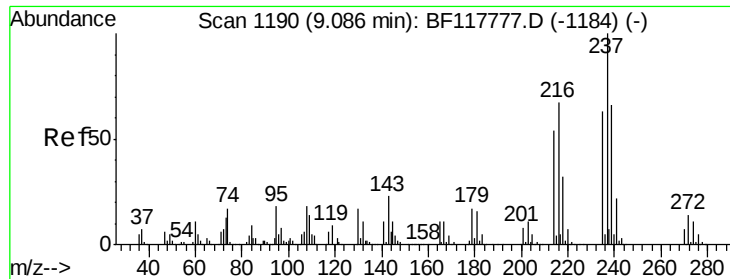
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.815 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.0
179	22.8	18.2	27.4
108	22.2	16.0	24.0





#41

Hexachlorocyclopentadiene

Concen: 85.981 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

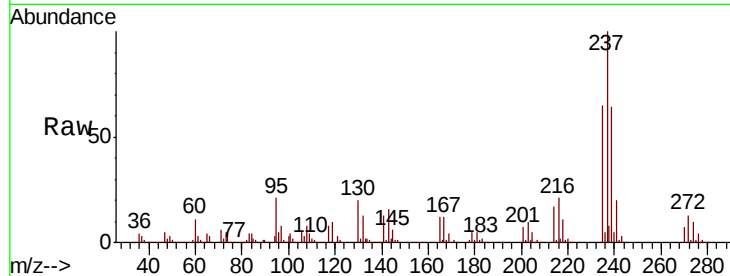
ClientSampleId :

PB124881BS

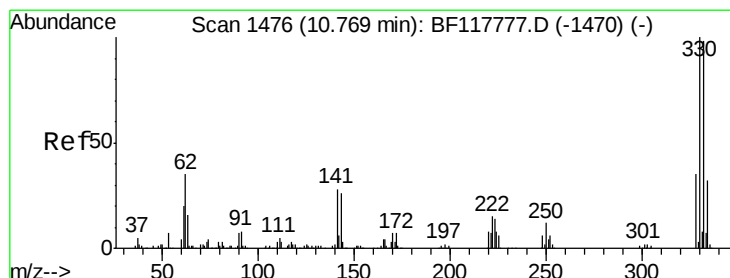
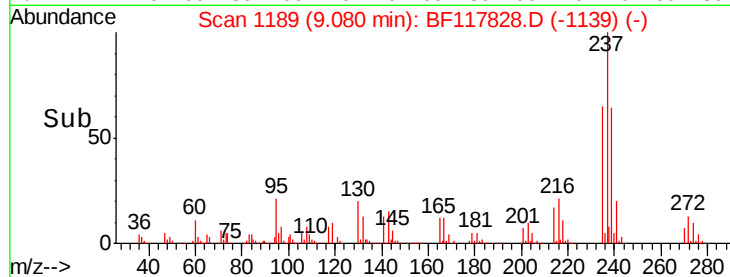
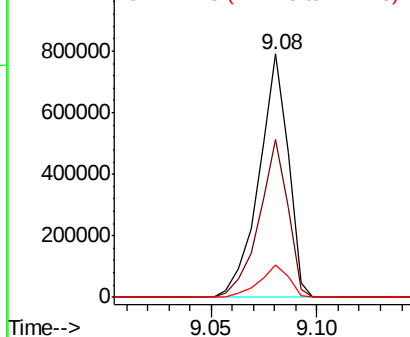
Tot Ion:	237	Resp:	761414
Ion Ratio	Lower	Upper	
237	100		
235	64.9	42.6	82.6
272	13.1	0.0	34.3

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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: 115.390 ng

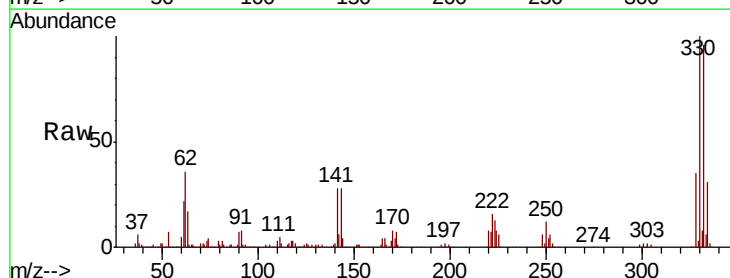
RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

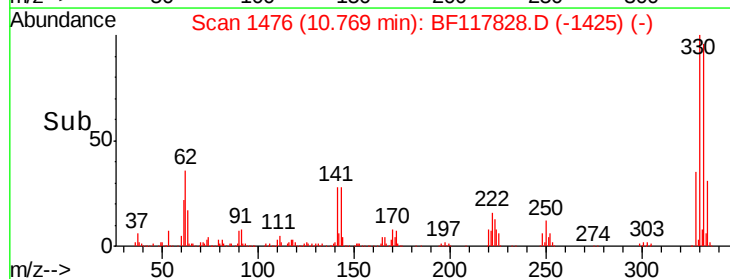
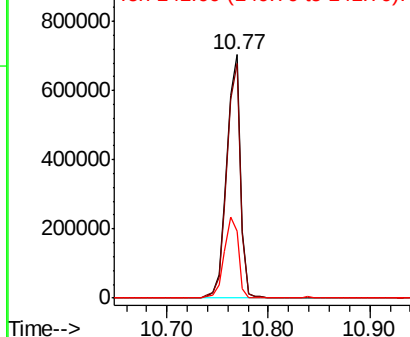
Lab File: BF117828.D

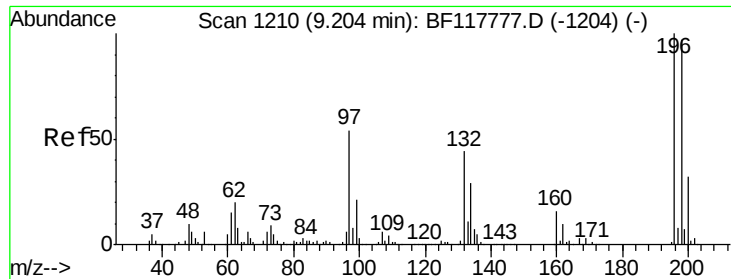
Acq: 18 Nov 2019 11:59

Tgt Ion:	330	Resp:	664731
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.7	115.1
141	34.4	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





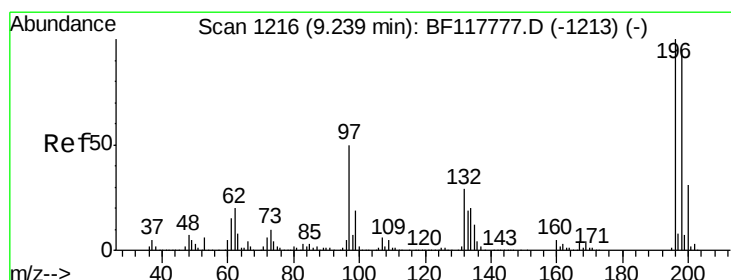
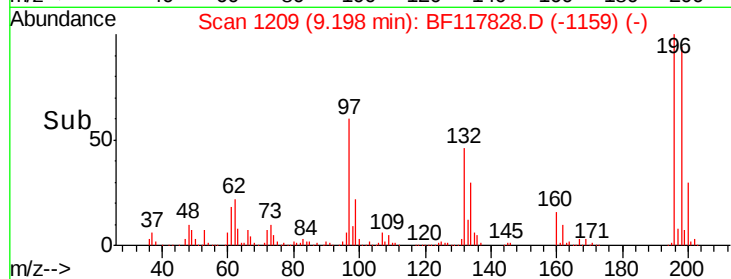
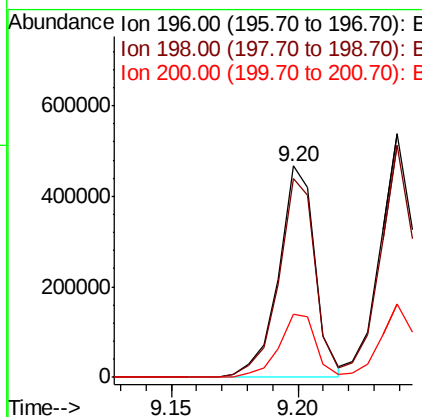
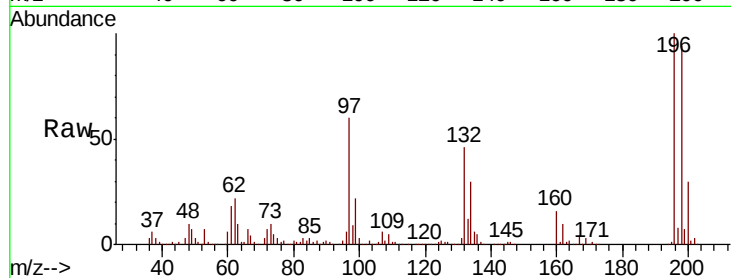
#43
 2,4,6-Trichlorophenol
 Concen: 41.346 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	467974		
198	94.2	77.8	116.6	
200	29.8	25.4	38.0	

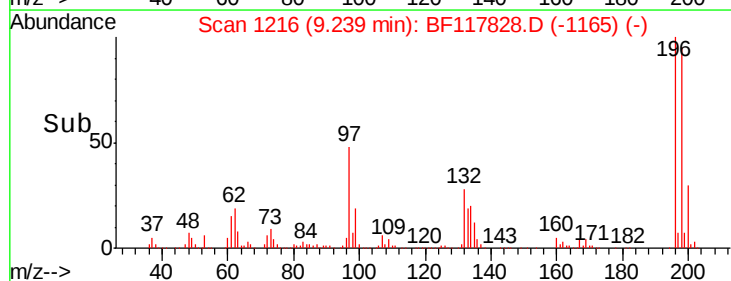
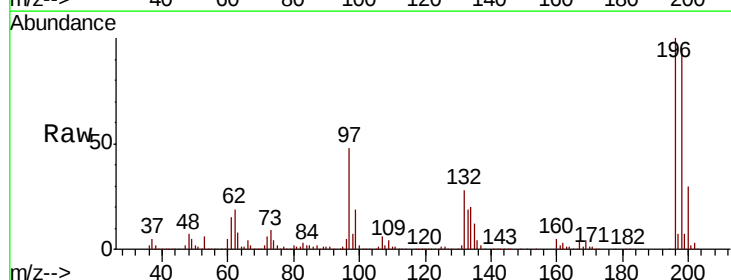
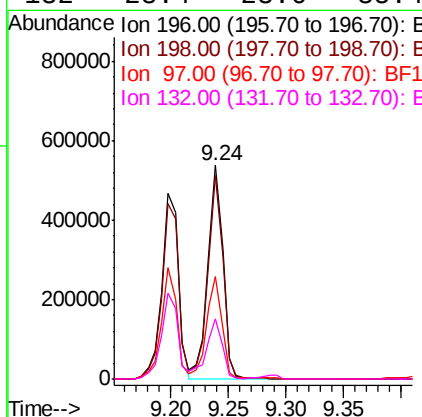
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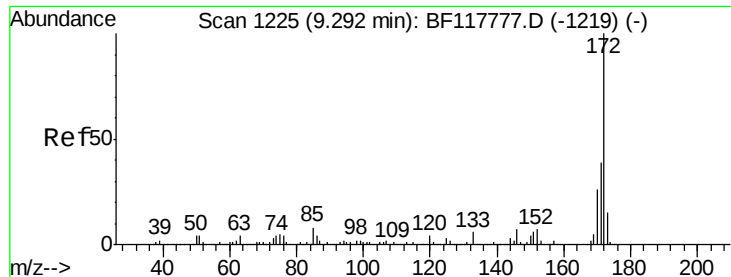
mohammad
 11/19/2019 2:35:24 PM



#44
 2,4,5-Trichlorophenol
 Concen: 42.071 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	494402		
198	95.1	76.3	114.5	
97	48.0	40.0	60.0	
132	28.4	23.6	35.4	





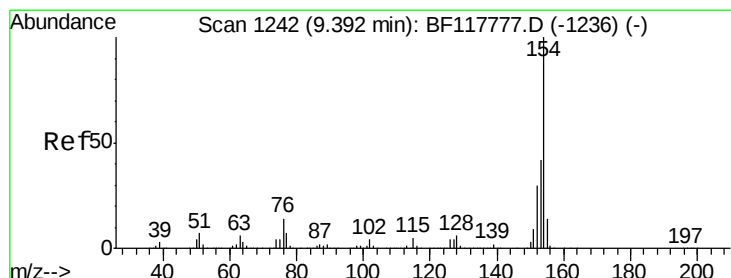
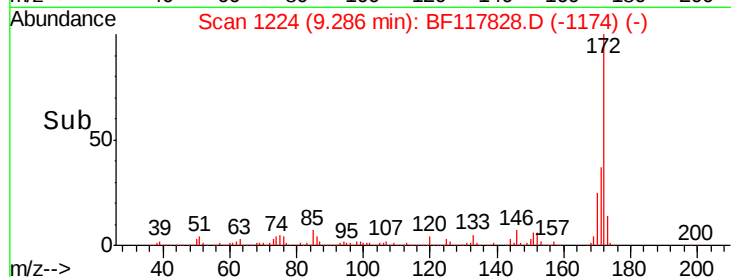
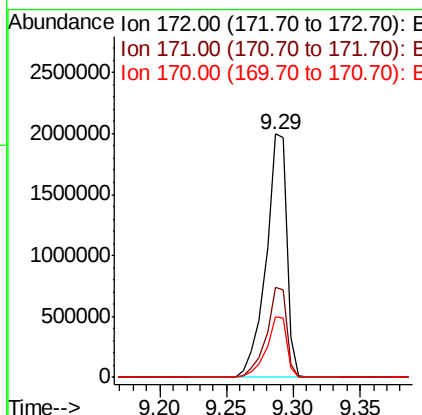
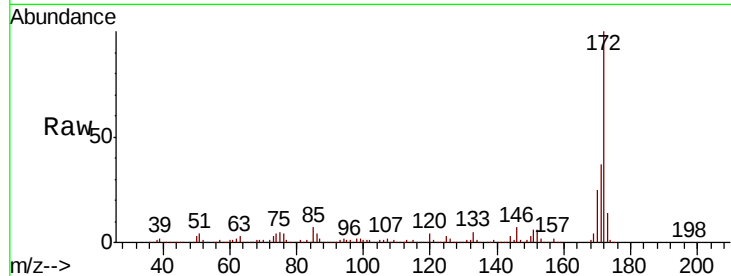
#45
2-Fluorobiphenyl
Concen: 71.185 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	30.9	46.3
170	24.8	21.0	31.4

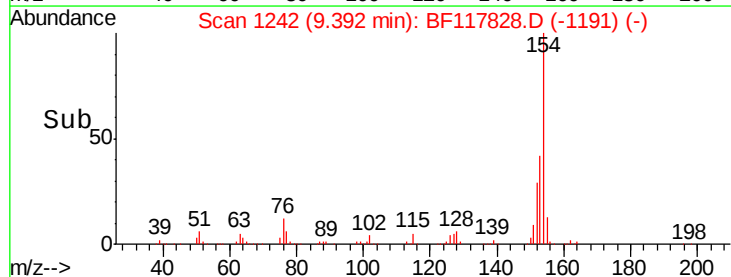
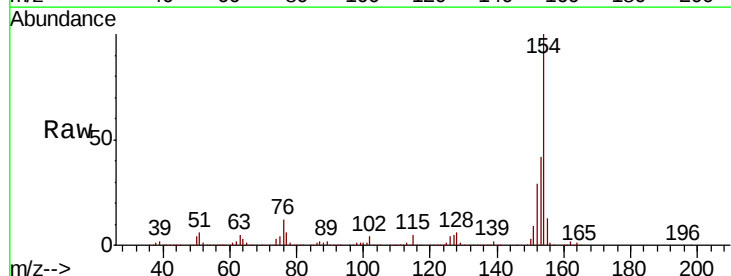
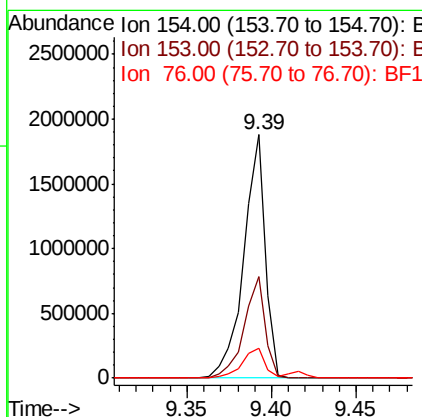
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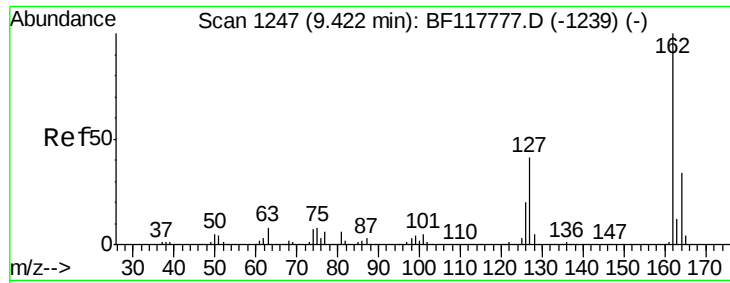
mohammad
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#46
1,1'-Biphenyl
Concen: 41.359 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	21.9	61.9
76	12.5	0.0	33.6





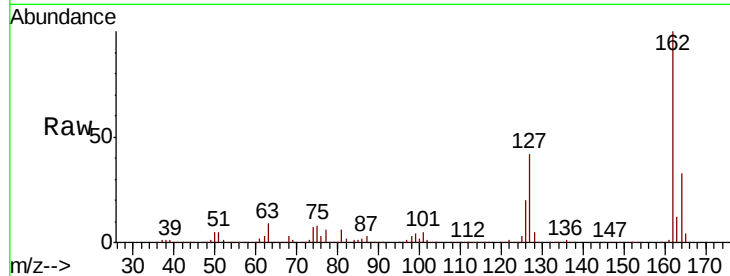
#47
2-Chloronaphthalene
Concen: 39.906 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

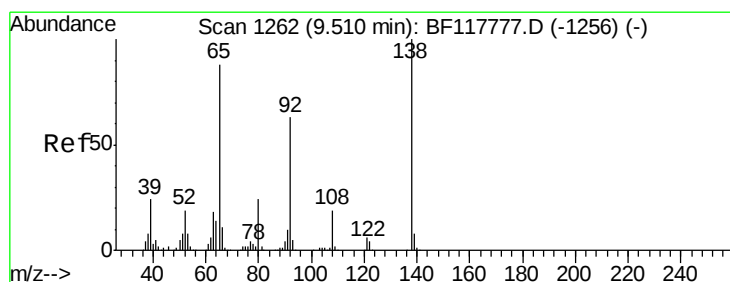
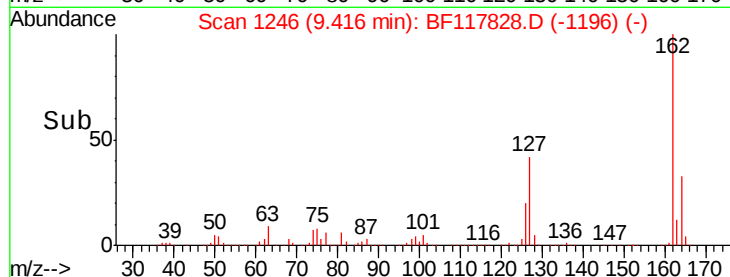
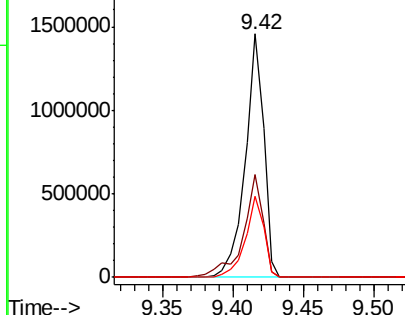
Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	33.2	49.8
164	33.3	27.3	40.9

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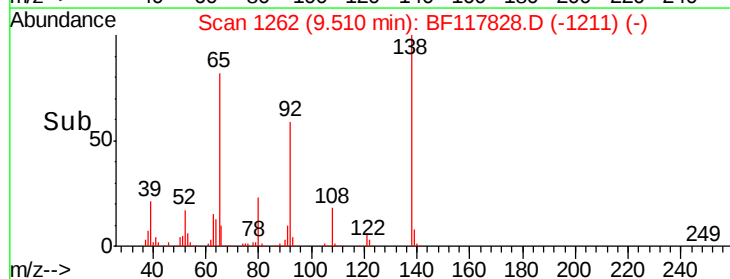
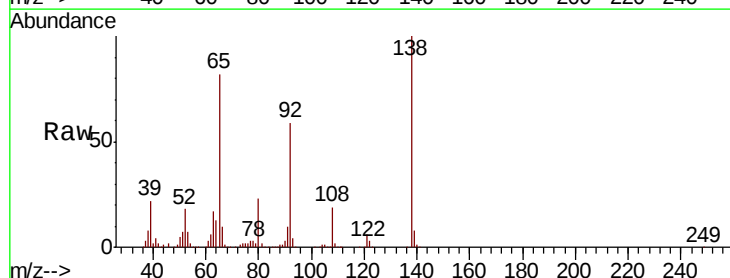
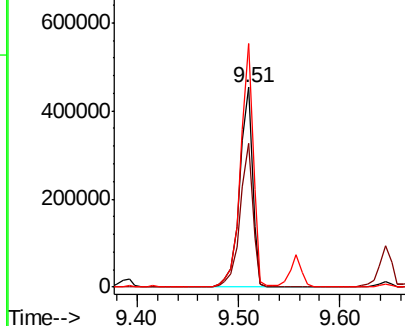
Abundance Ion 162.00 (161.70 to 162.70): E
2000000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

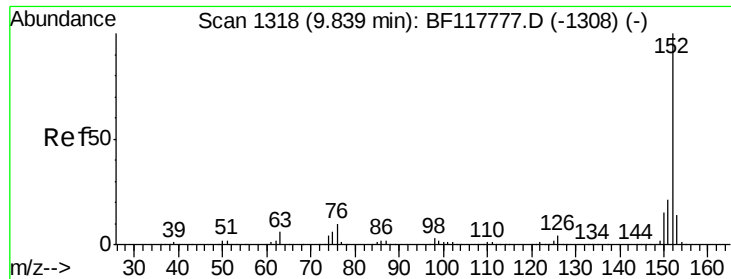


#48
2-Nitroaniline
Concen: 40.339 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.0	56.6	84.8
138	122.0	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: 42.298 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

PB124881BS

Tot Ion:152 Resp: 2048020

Ion Ratio Lower Upper

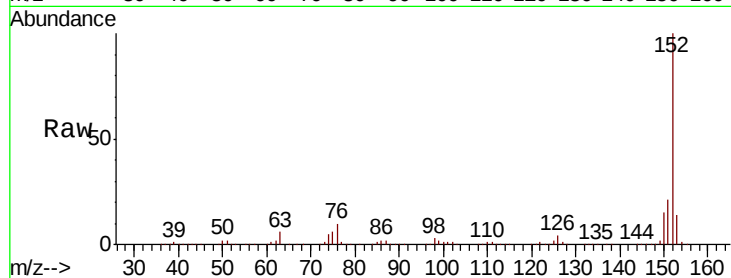
152 100

151 21.1 17.0 25.6

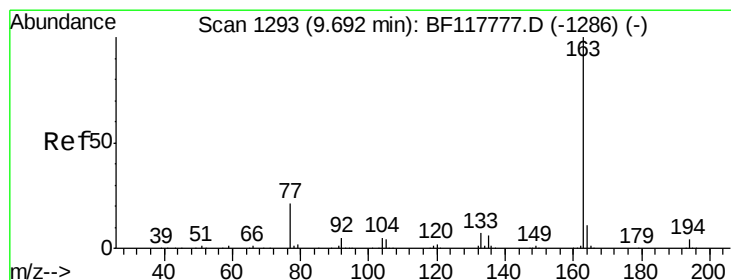
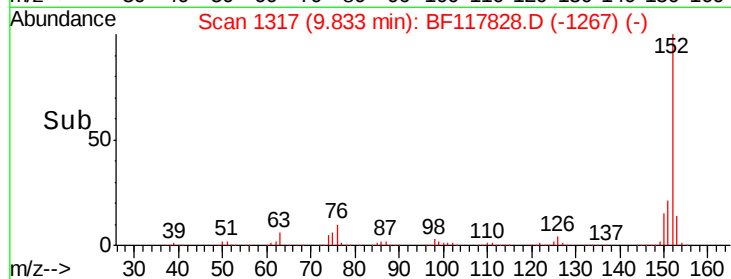
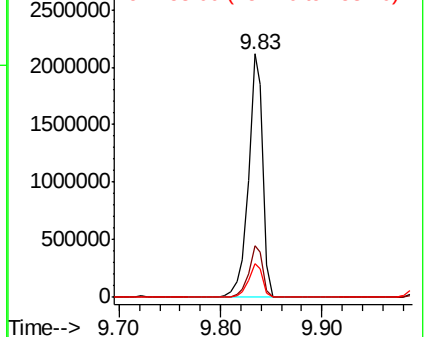
153 14.0 11.0 16.6

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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: 39.624 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

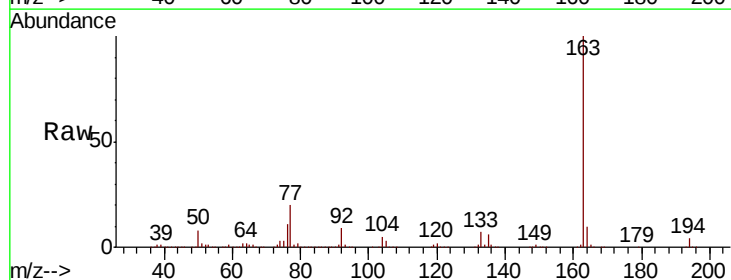
Tgt Ion:163 Resp: 1511934

Ion Ratio Lower Upper

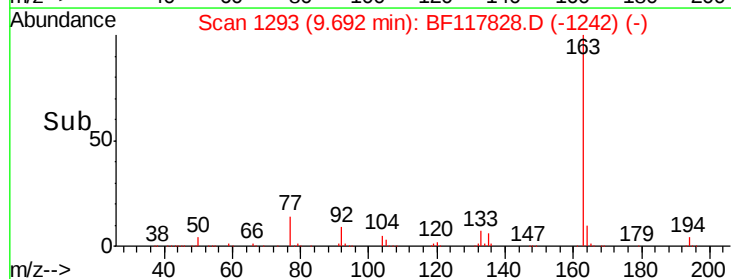
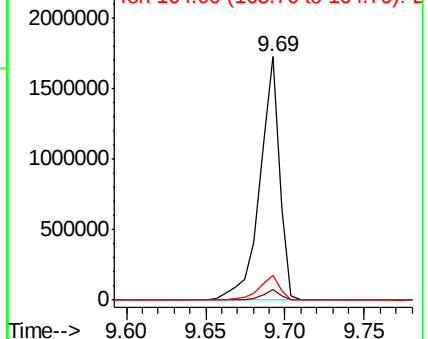
163 100

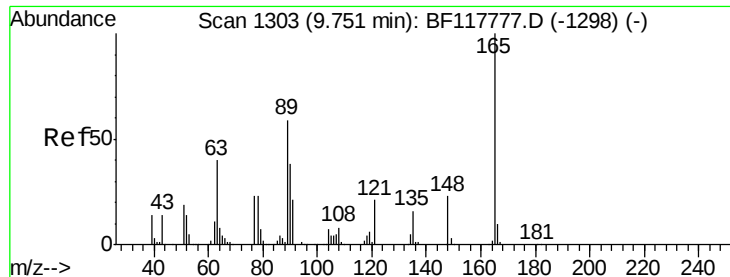
194 4.2 3.3 4.9

164 10.3 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: 42.400 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

ClientSampleId :

PB124881BS

Tot Ion:165 Resp: 353586

Ion Ratio Lower Upper

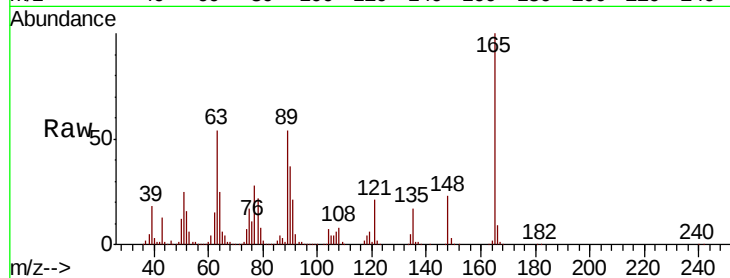
165 100

63 53.9 46.0 69.0

89 54.0 47.7 71.5

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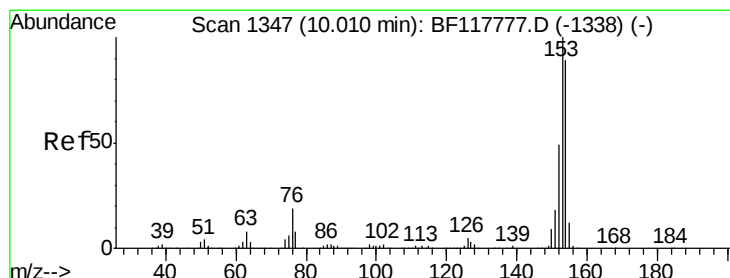
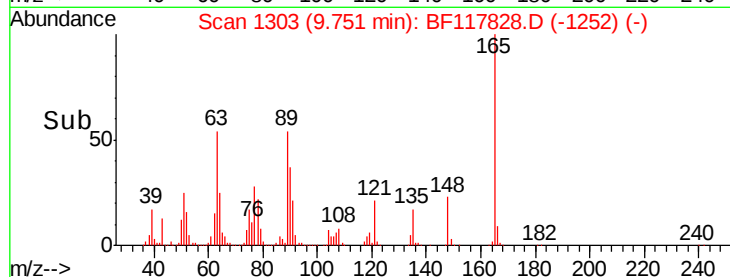
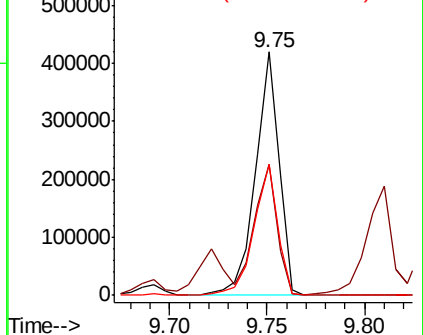
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 44.655 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

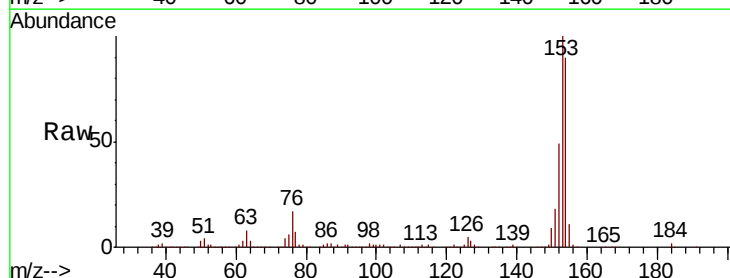
Tgt Ion:154 Resp: 1385071

Ion Ratio Lower Upper

154 100

153 111.4 90.1 135.1

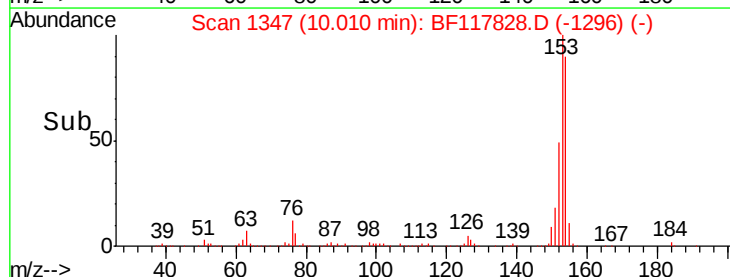
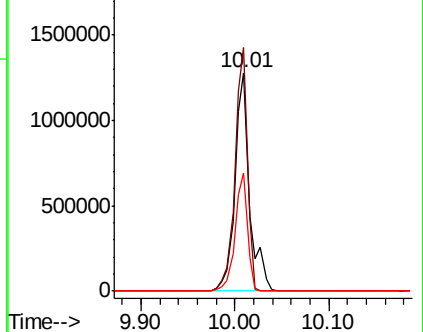
152 54.3 44.0 66.0

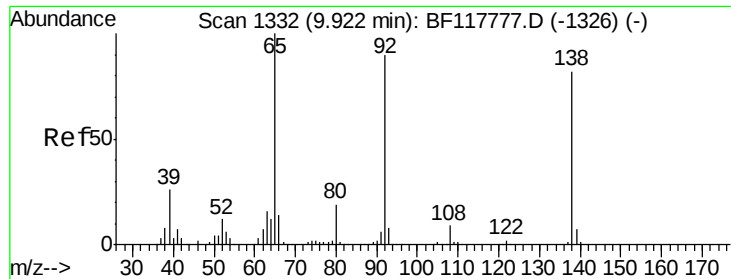


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





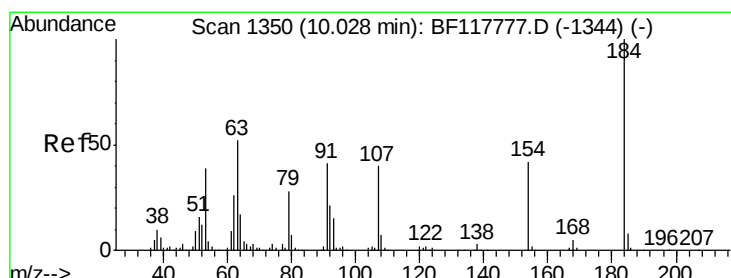
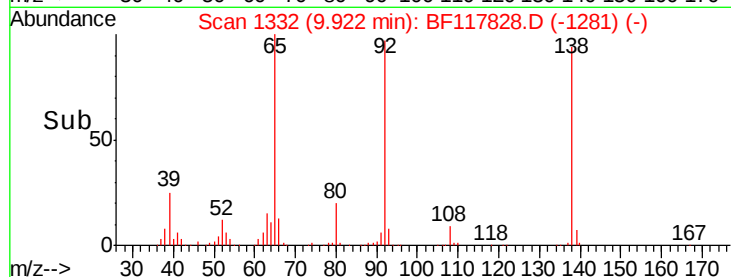
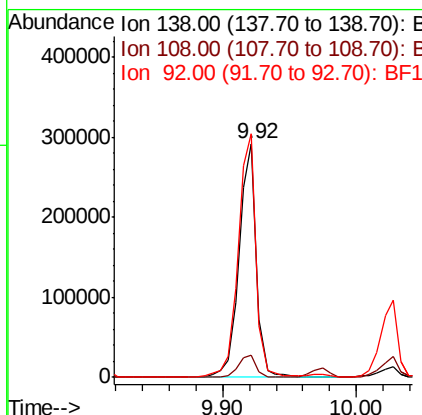
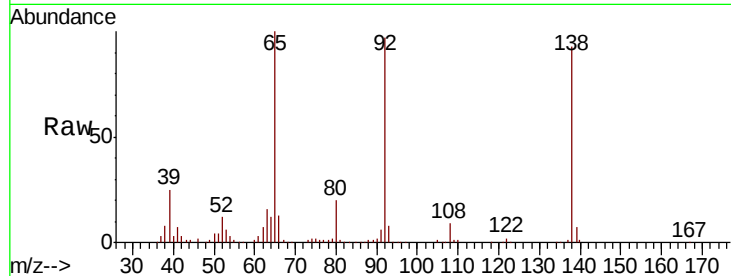
#53
3-Nitroaniline
Concen: 26.546 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	264895		
108	9.6	8.6	12.8	
92	104.2	87.9	131.9	

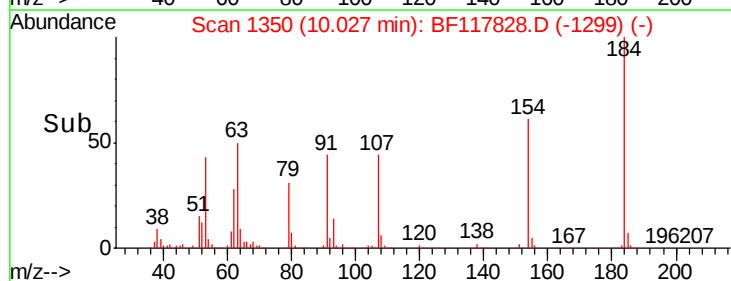
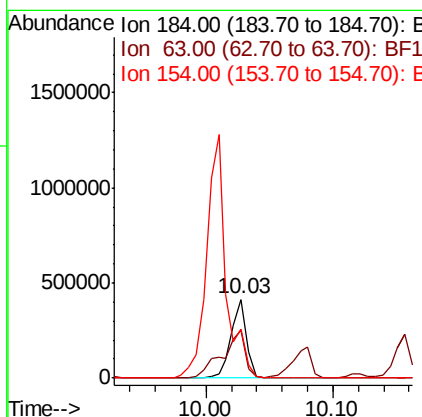
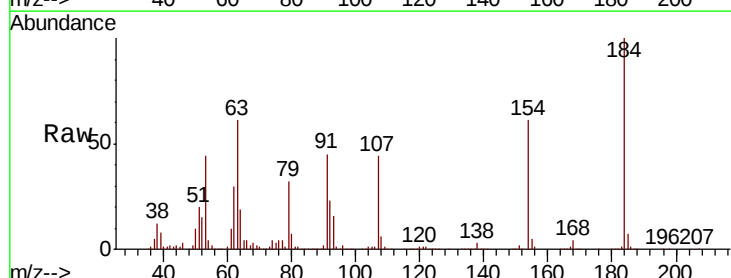
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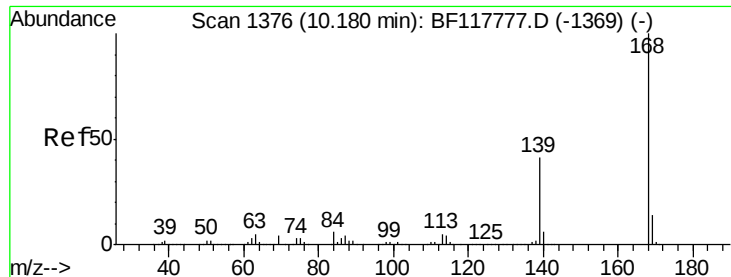
mohammad
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#54
2,4-Dinitrophenol
Concen: 80.954 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	347286		
63	60.9	43.0	64.6	
154	61.5	48.0	72.0	





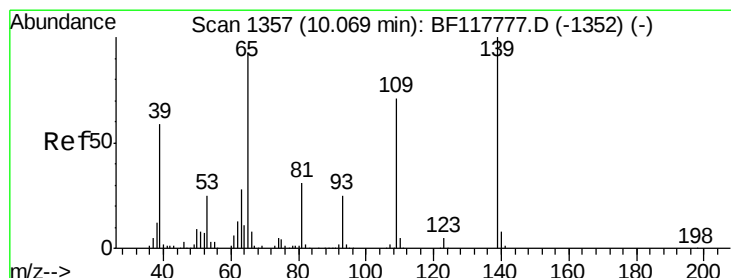
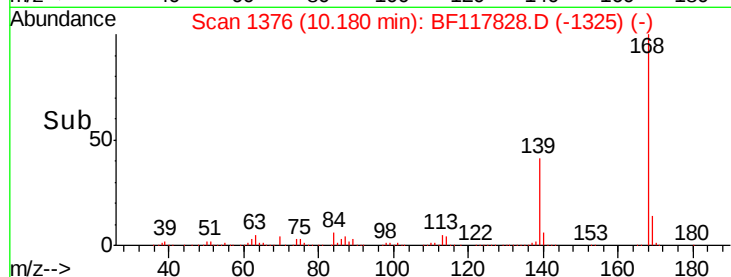
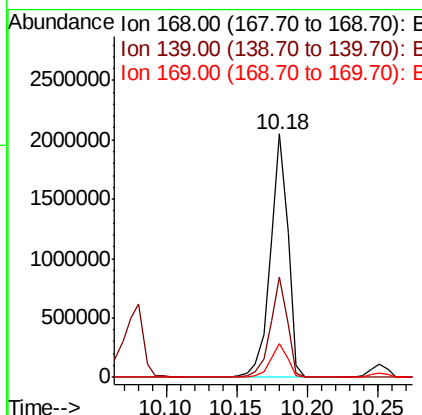
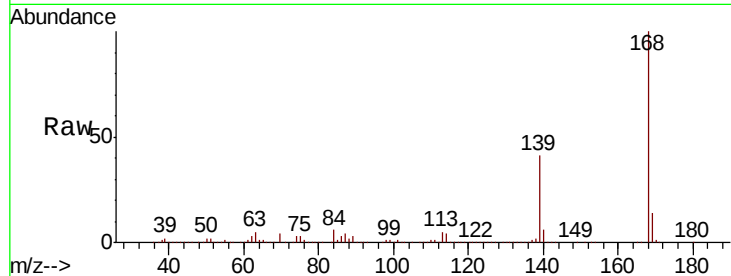
#55
Dibenzenofuran
Concen: 41.682 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	33.0	49.6
169	14.0	11.5	17.3

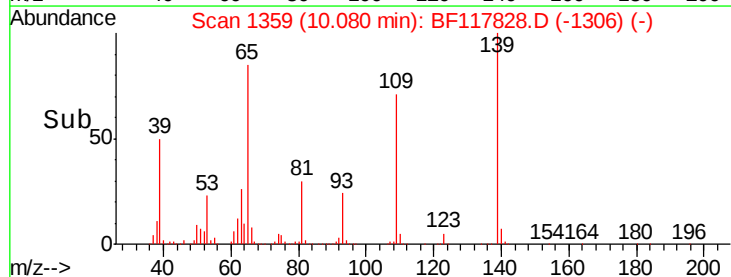
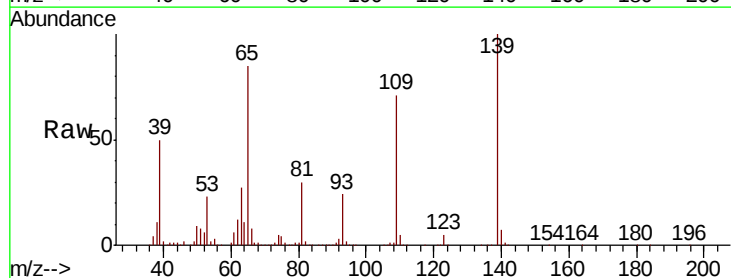
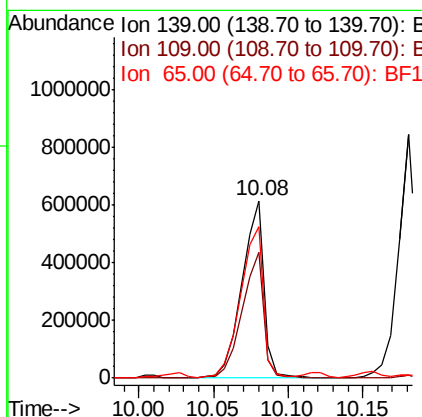
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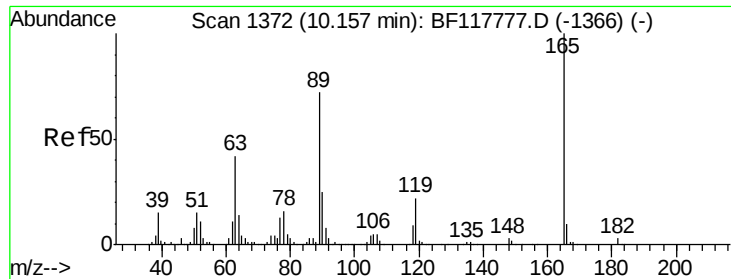
mohammad
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#56
4-Nitrophenol
Concen: 84.181 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.7	50.8	90.8
65	85.2	73.6	113.6





#57

2,4-Dinitrotoluene

Concen: 43.913 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

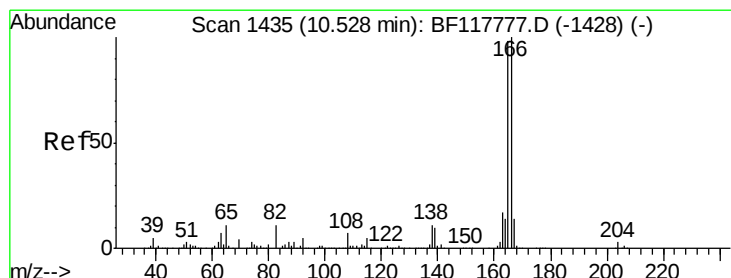
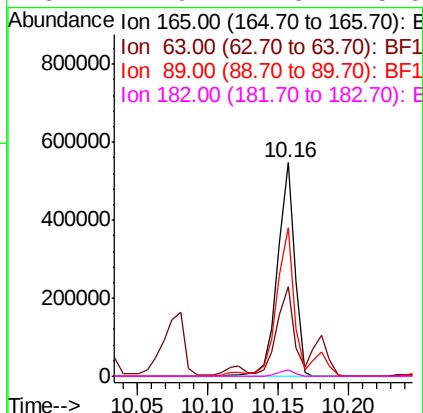
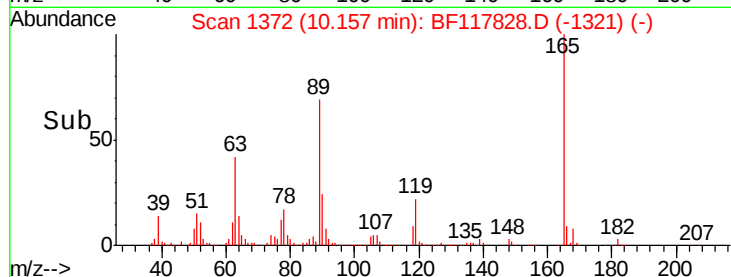
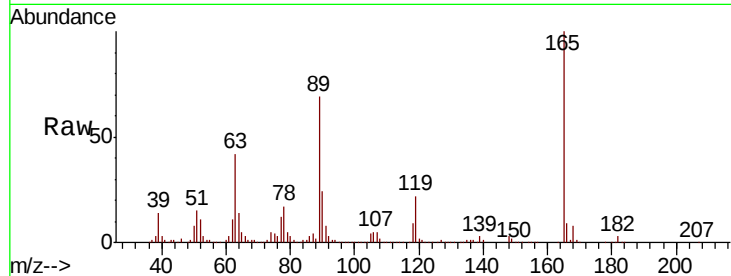
ClientSampleId :

PB124881BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	465835		
63	42.1	33.7	50.5	
89	69.5	57.3	85.9	
182	2.9	2.3	3.5	

Manual Integrations
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#58

Fluorene

Concen: 40.924 ng

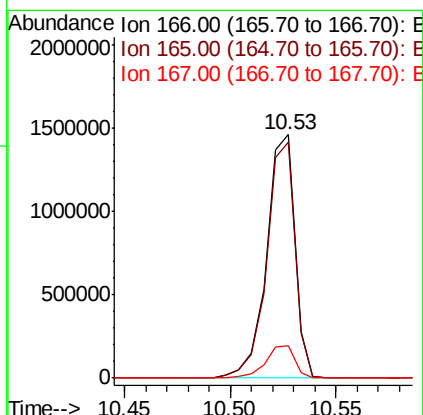
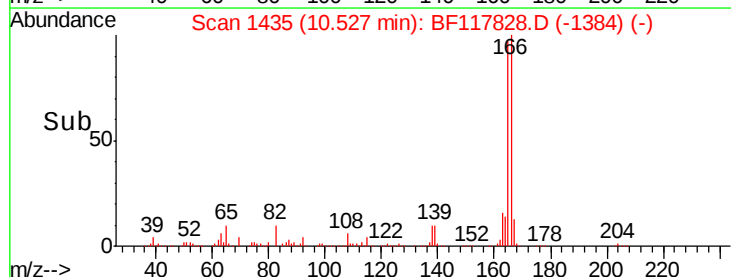
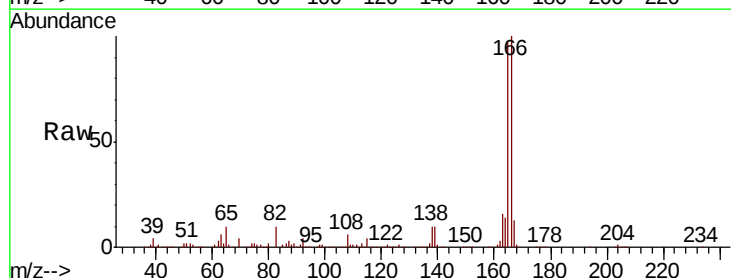
RT: 10.53 min Scan# 1435

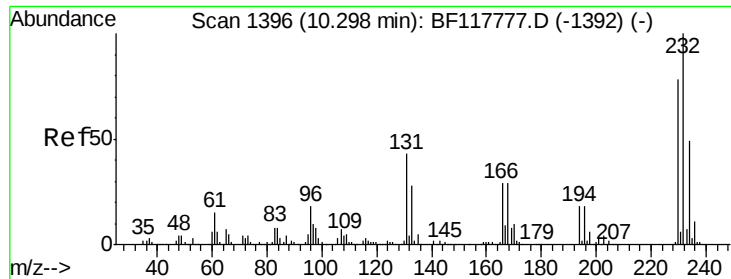
Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1362094		
165	96.8	78.4	117.6	
167	13.3	11.0	16.4	





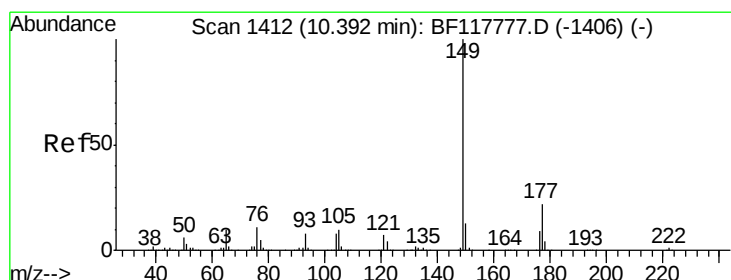
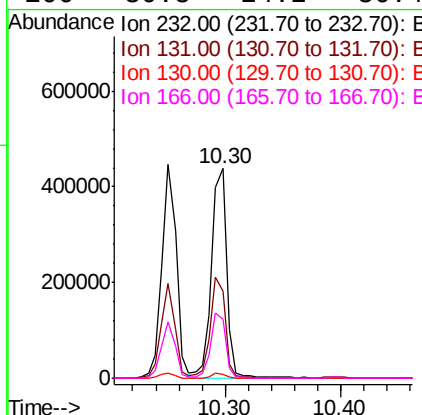
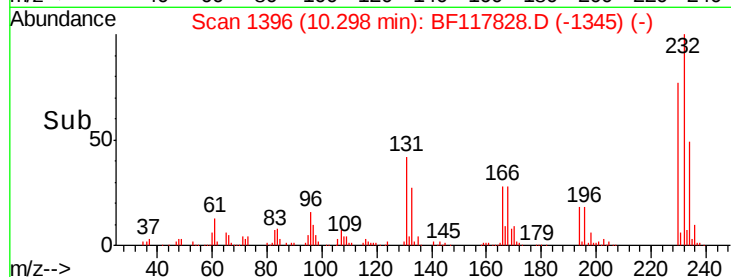
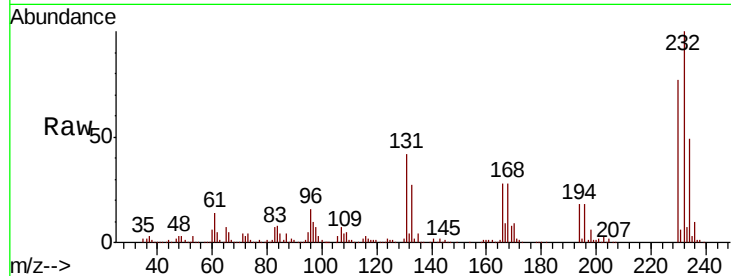
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.535 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.9	37.6	56.4
130	2.4	1.9	2.9
166	30.8	24.2	36.4

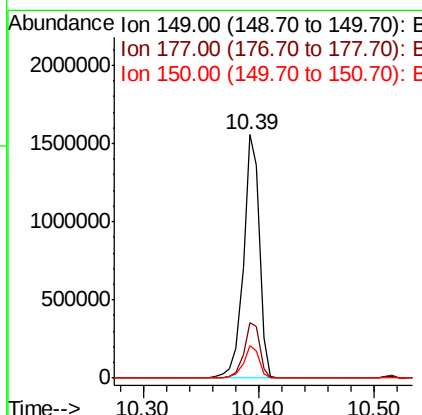
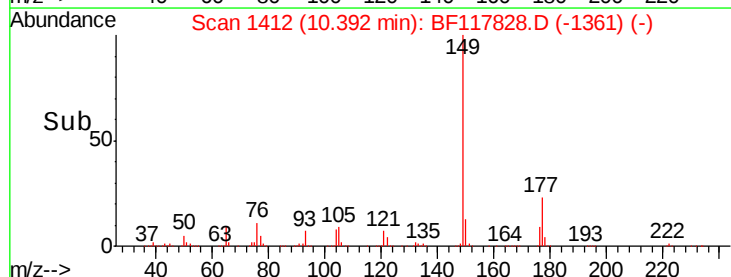
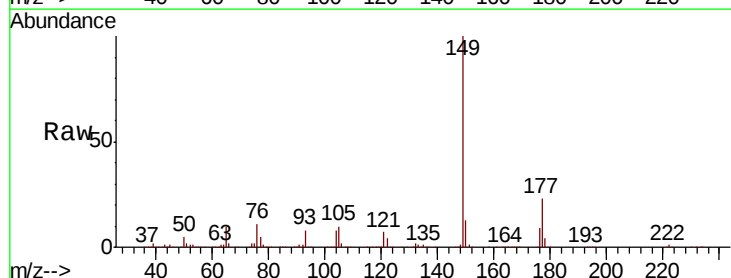
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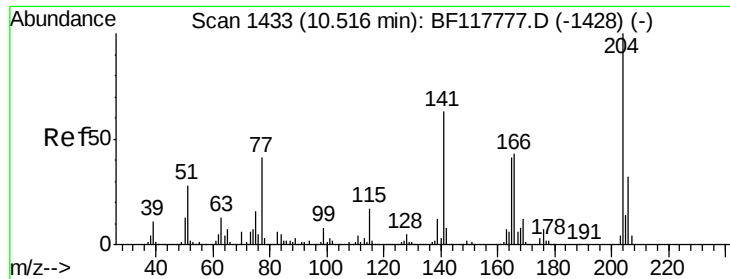
mohammad
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#60
Diethylphthalate
Concen: 39.809 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.0	27.0
150	13.1	10.5	15.7





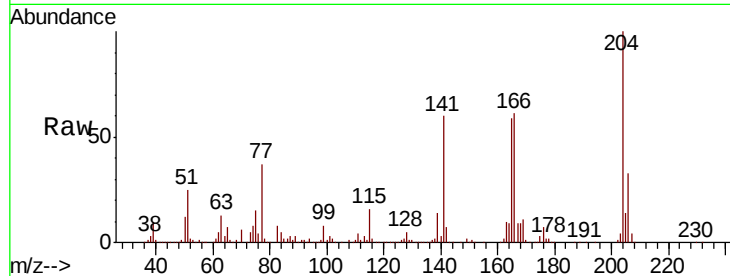
#61
4-Chlorophenyl-phenylether
Concen: 40.244 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

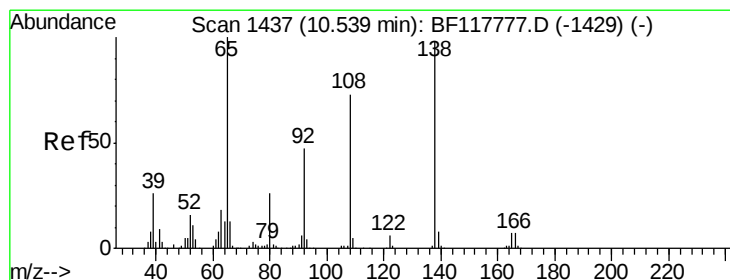
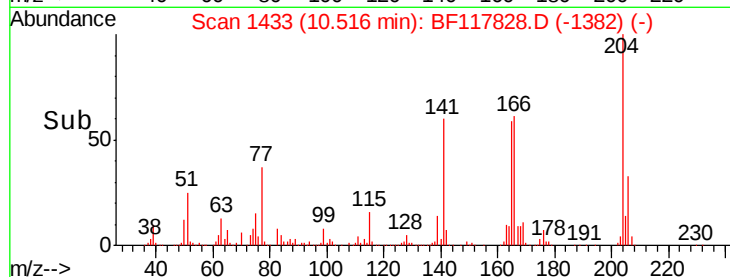
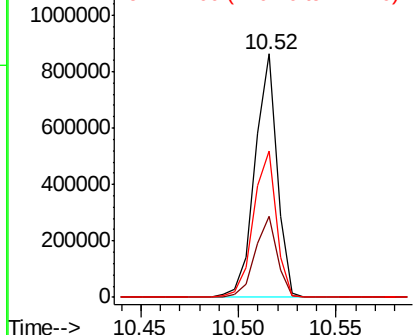
Tot Ion:	204	Resp:	679762
Ion Ratio	Lower	Upper	
204	100		
206	33.5	25.6	38.4
141	60.2	50.7	76.1

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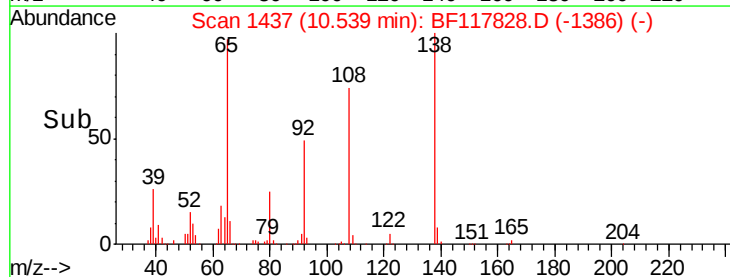
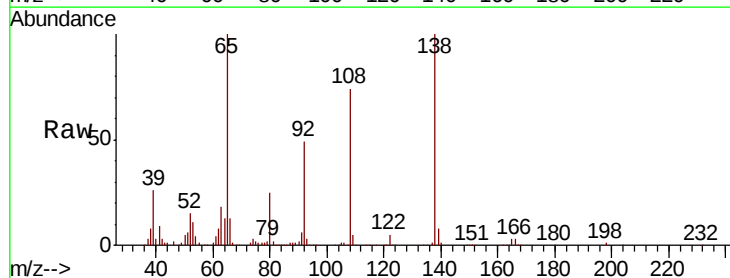
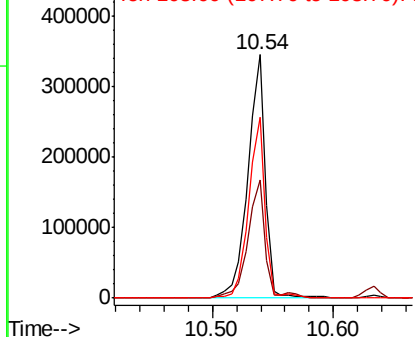
Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

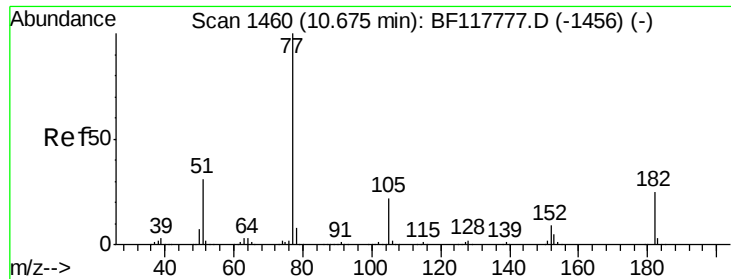


#62
4-Nitroaniline
Concen: 35.064 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:	138	Resp:	350337
Ion Ratio	Lower	Upper	
138	100		
92	48.5	28.3	68.3
108	74.2	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





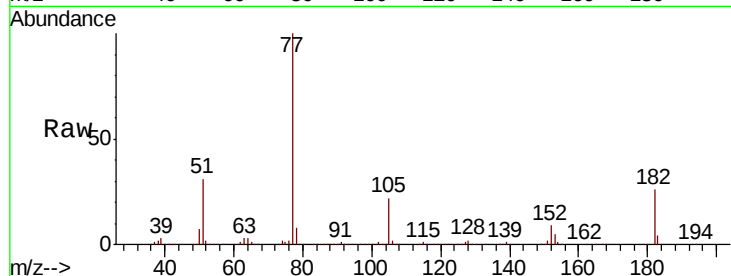
#63
Azobenzene
Concen: 40.853 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

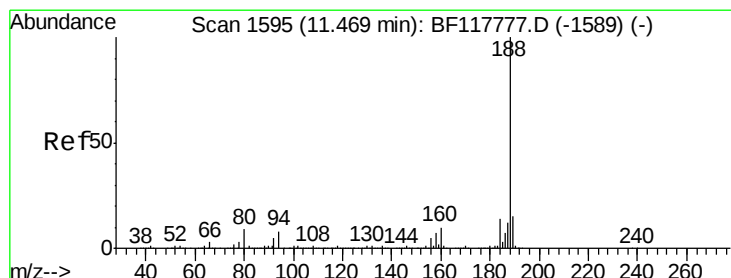
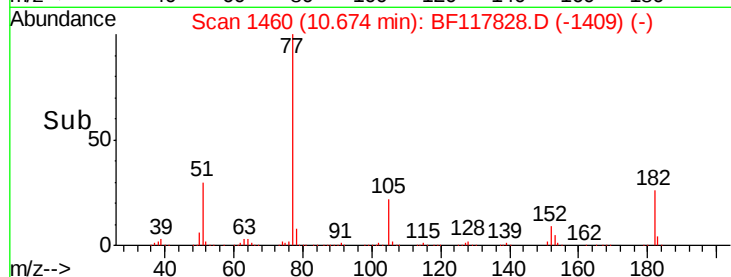
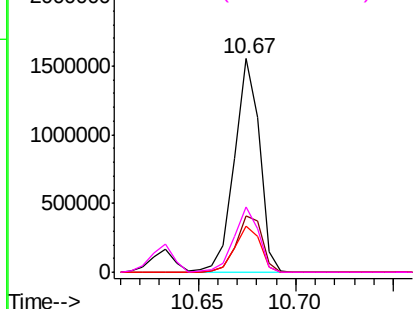
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	4.8	44.8
105	21.9	2.1	42.1
51	30.5	11.4	51.4

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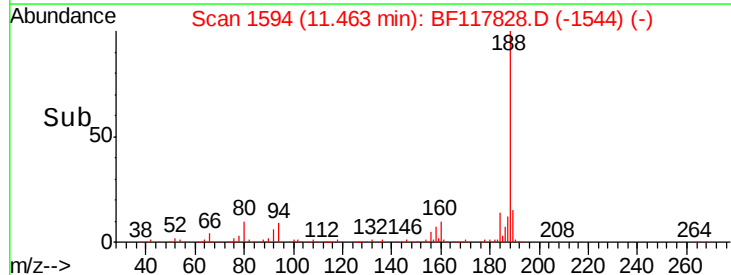
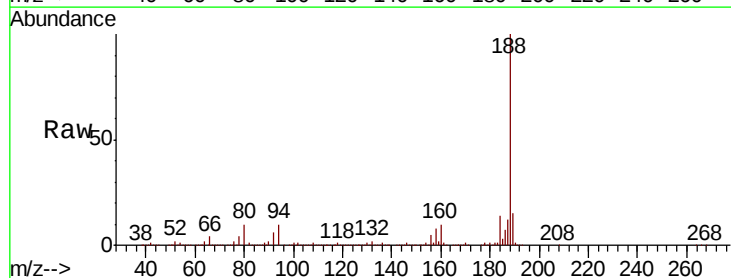
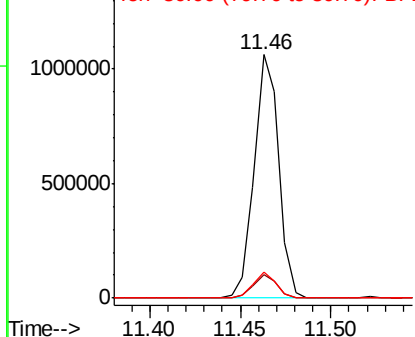
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	10.0
80	10.5	7.2	10.8

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





#65

4,6-Dinitro-2-methylphenol

Concen: 50.311 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

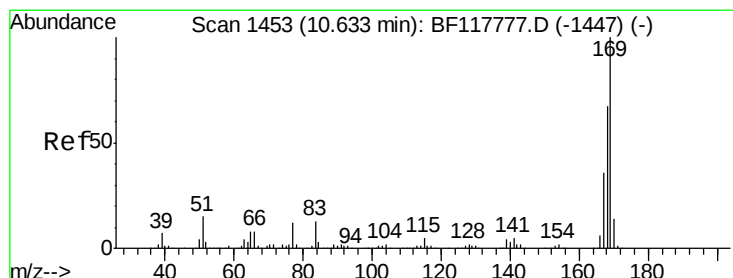
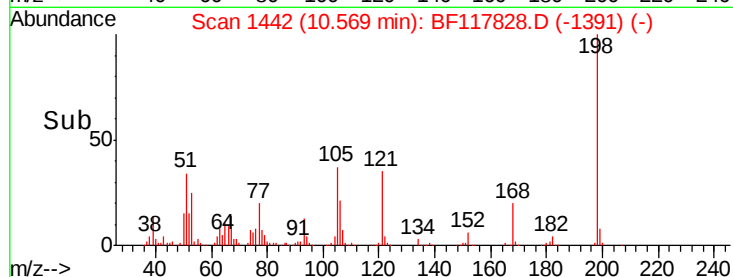
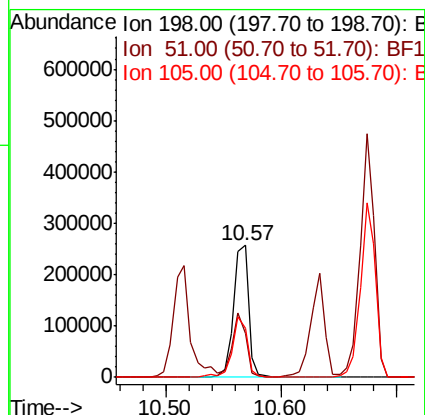
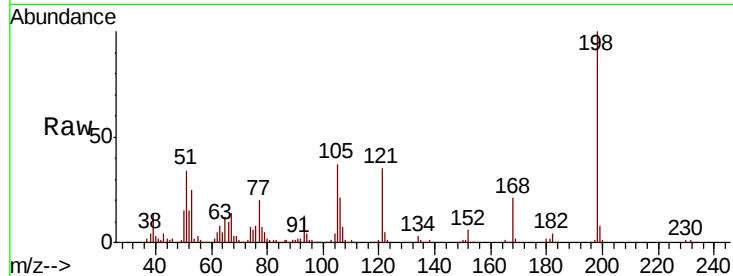
ClientSampleId :

PB124881BS

Tot Ion:	198	Resp:	234043
Ion Ratio	Lower	Upper	
198	100		
51	33.8	16.0	56.0
105	37.3	19.1	59.1

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#66

n-Nitrosodiphenylamine

Concen: 42.063 ng

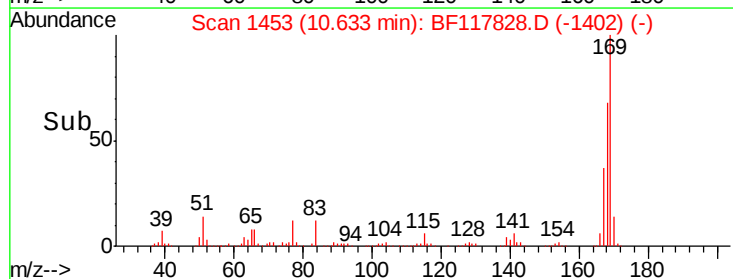
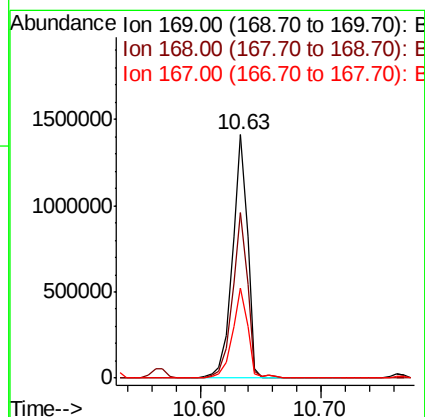
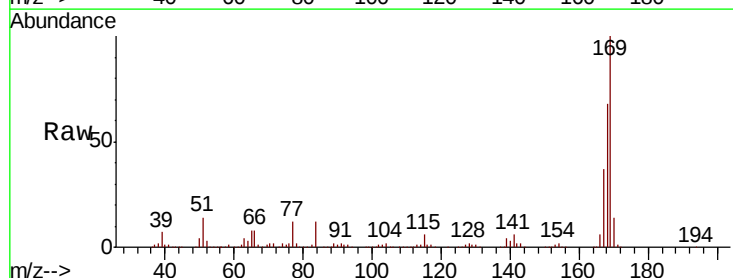
RT: 10.63 min Scan# 1453

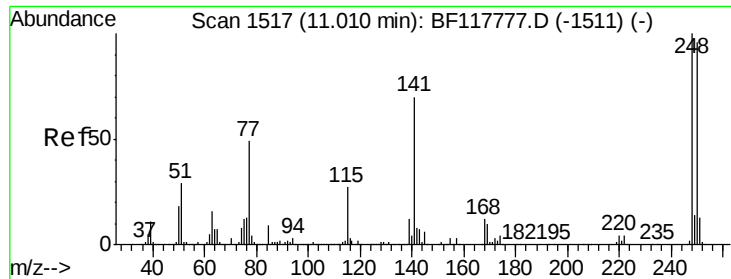
Delta R.T. -0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Tgt Ion:	169	Resp:	1219857
Ion Ratio	Lower	Upper	
169	100		
168	67.8	53.5	80.3
167	37.1	29.0	43.4





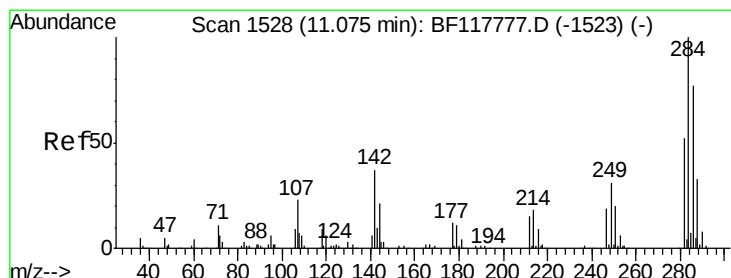
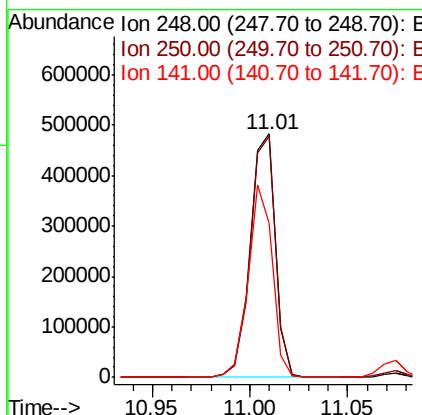
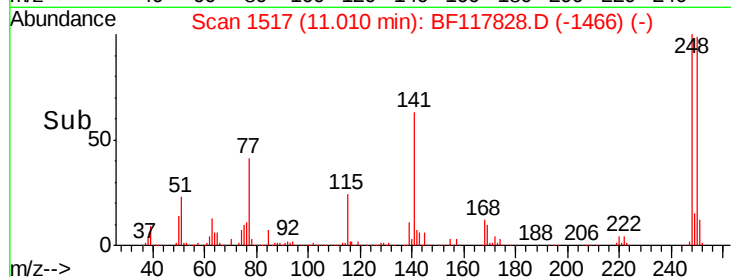
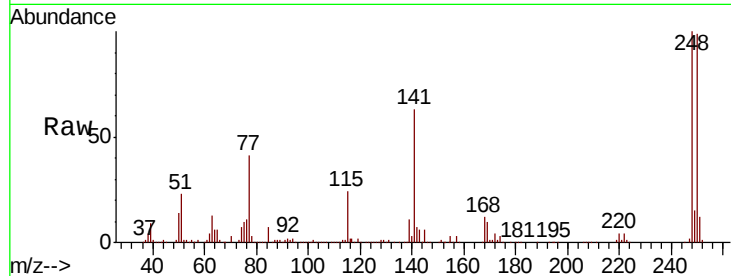
#67
4-Bromophenyl-phenylether
Concen: 40.209 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.6	115.0
141	63.3	55.9	83.9

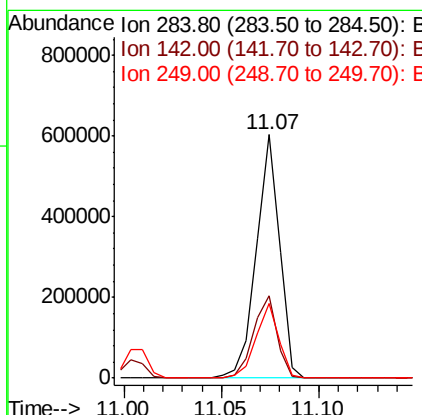
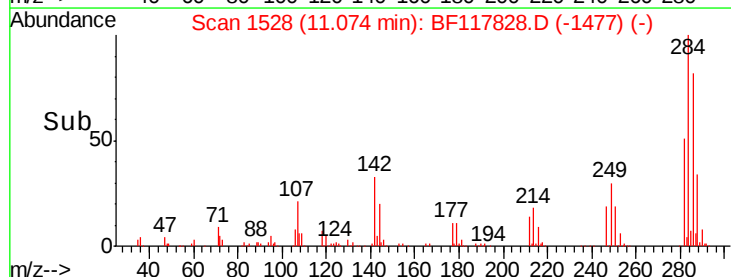
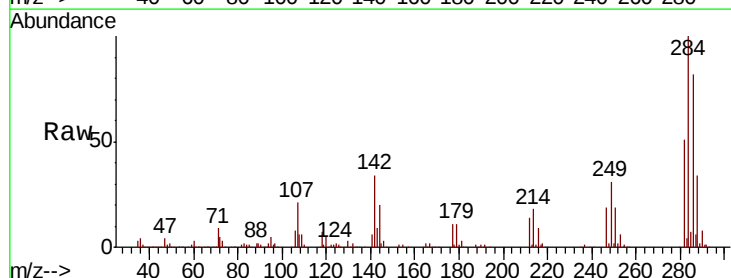
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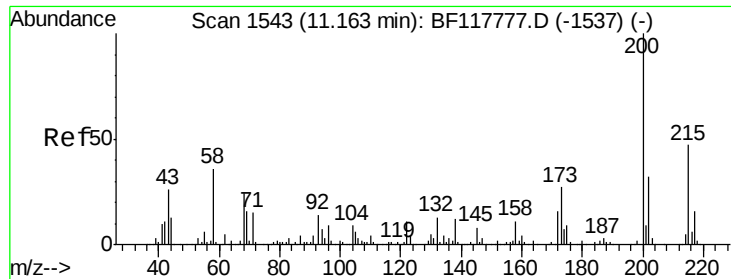
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#68
Hexachlorobenzene
Concen: 39.768 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	29.4	44.2
249	30.5	24.6	37.0





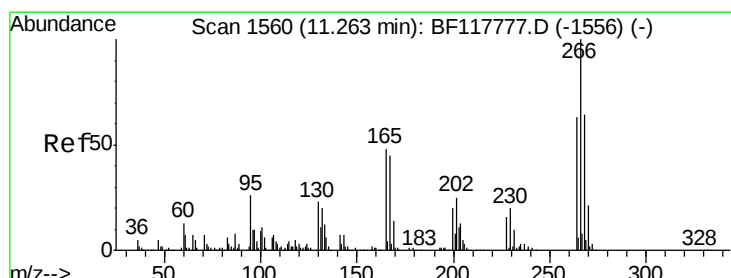
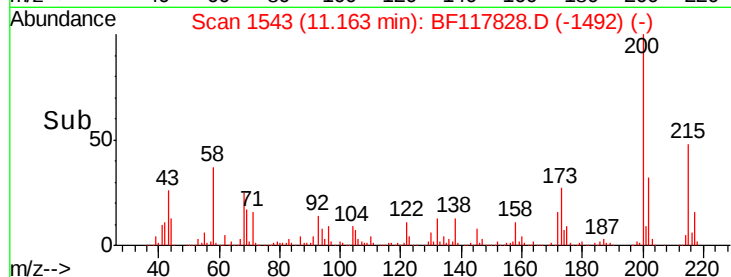
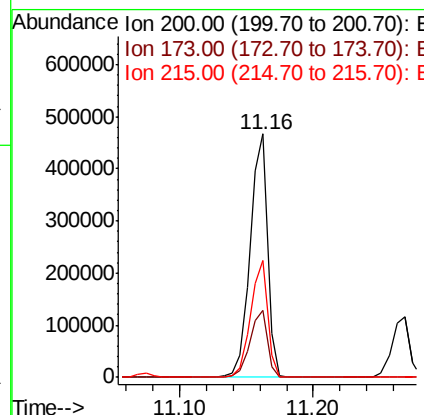
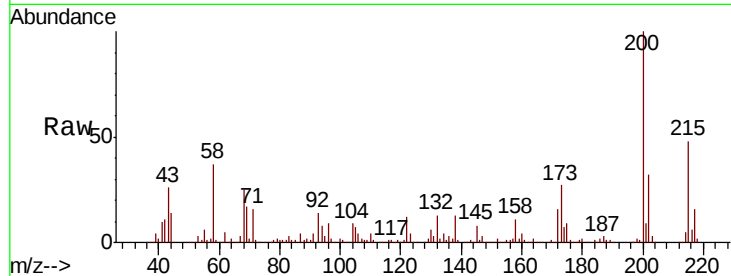
#69
Atrazine
Concen: 43.717 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.4	6.7	46.7
215	48.2	27.5	67.5

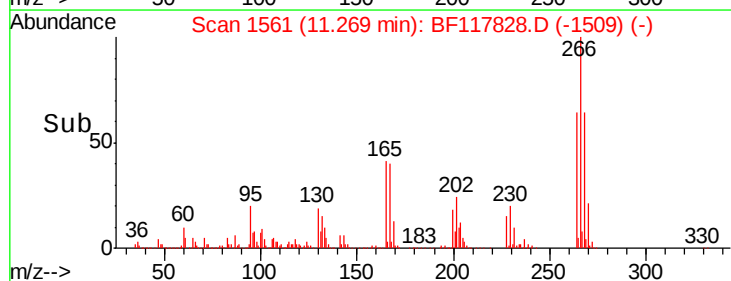
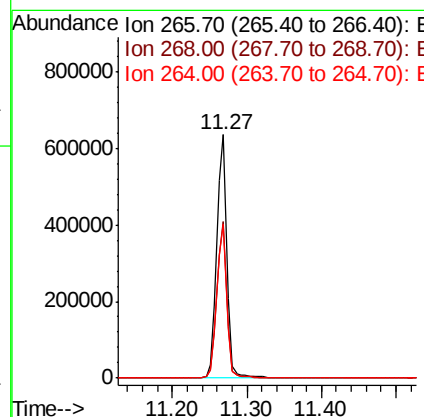
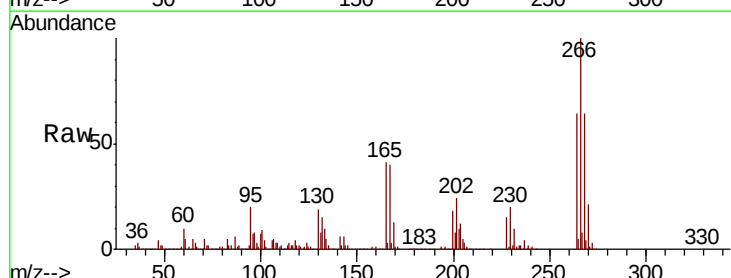
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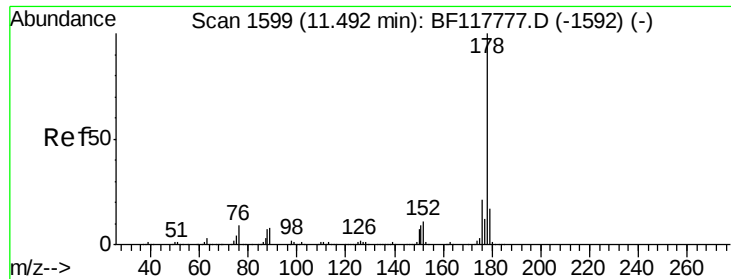
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#70
Pentachlorophenol
Concen: 81.433 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.4	50.8	76.2
264	63.5	50.7	76.1





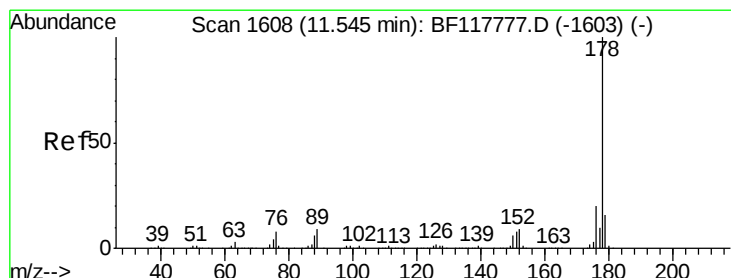
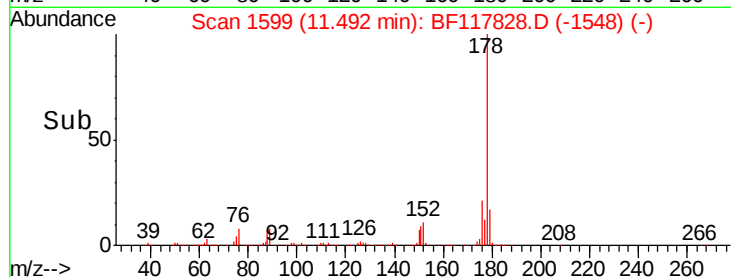
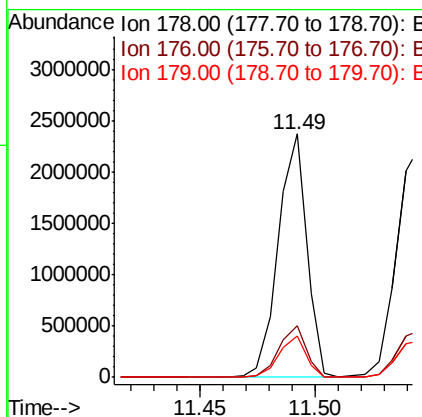
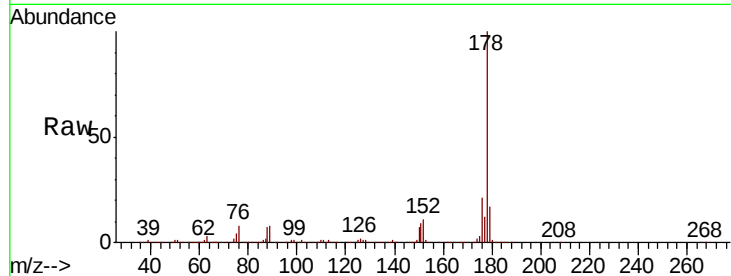
#71
Phenanthrene
Concen: 40.487 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion:178 Resp: 2028406
Ion Ratio Lower Upper
178 100
176 21.2 16.6 25.0
179 16.9 13.2 19.8

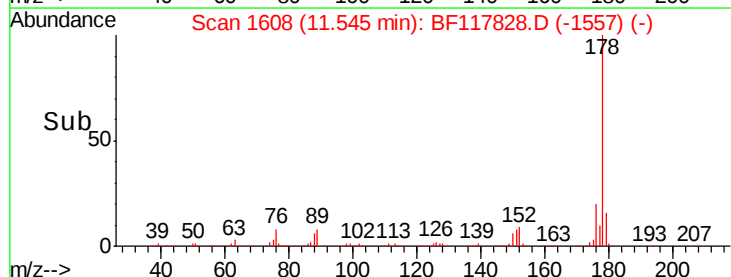
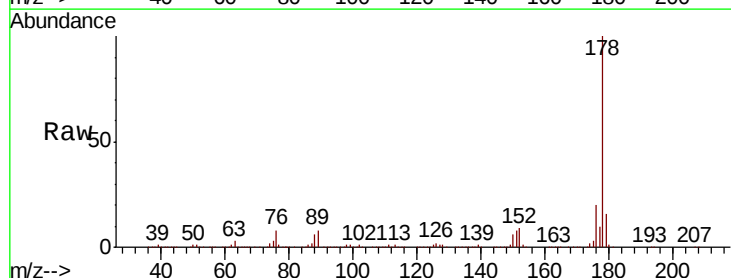
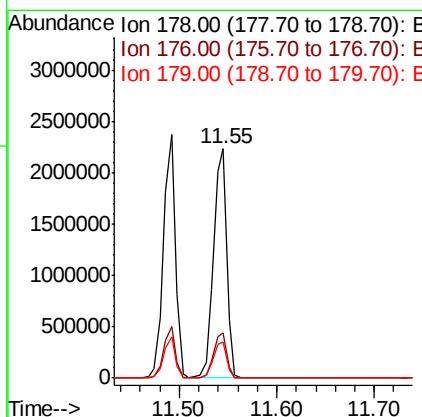
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#72
Anthracene
Concen: 42.064 ng
RT: 11.55 min Scan# 1608
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:178 Resp: 2089424
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.0 13.0 19.4





#73
 Carbazole
 Concen: 42.325 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

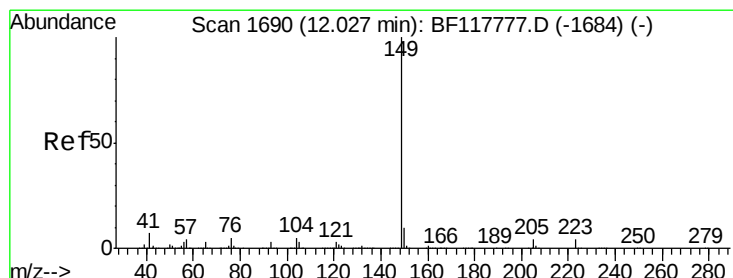
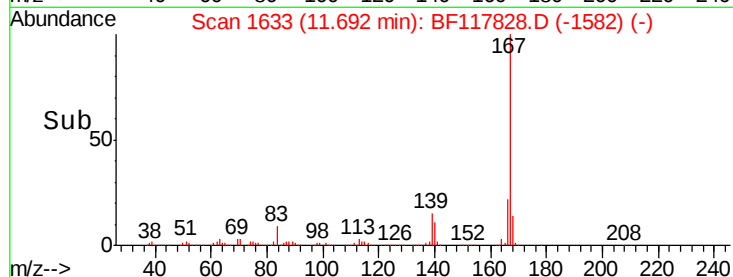
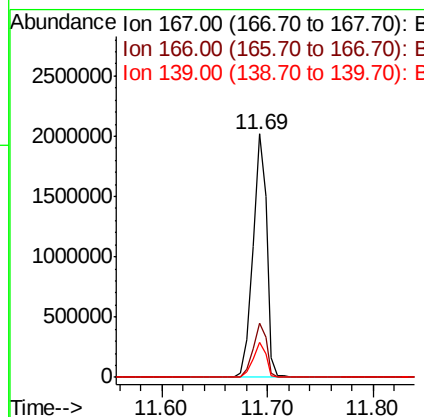
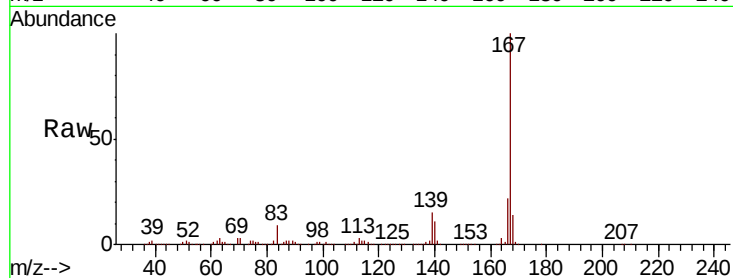
Instrument :
 BNA_F
 ClientSampleId :
 PB124881BS

Tot Ion:167 Resp: 1837173

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	14.5	11.7	17.5

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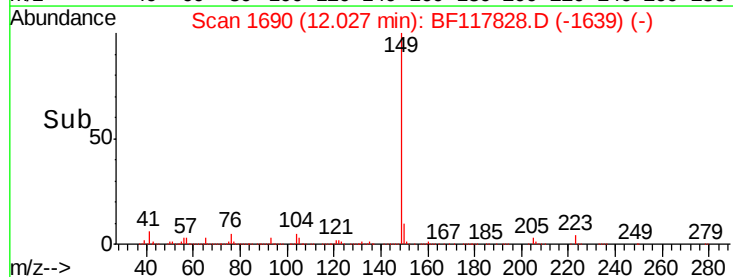
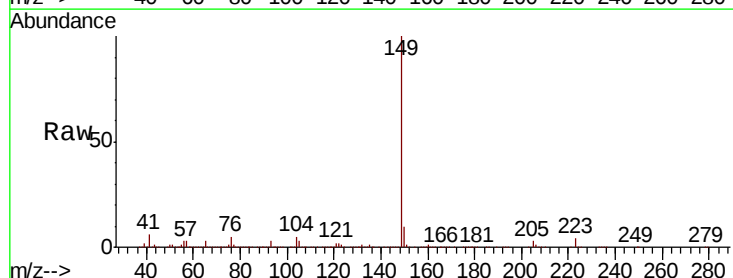
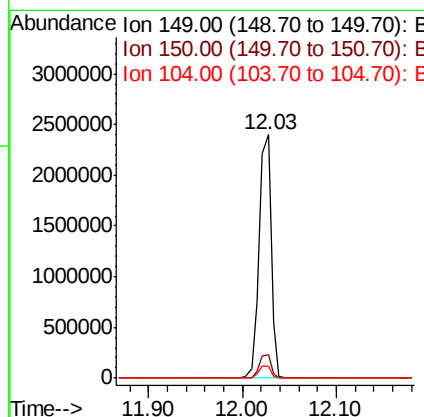
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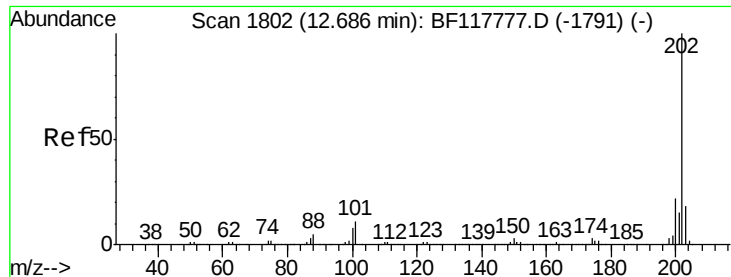


#74
 Di-n-butylphthalate
 Concen: 39.575 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Tgt Ion:149 Resp: 2138815

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.0	4.2	6.4





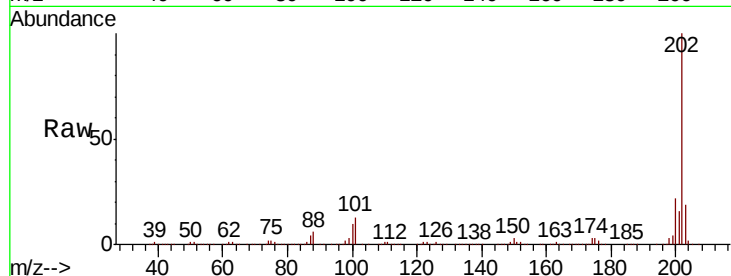
#75
 Fluoranthene
 Concen: 44.973 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	31.1
203	18.8	0.0	38.2

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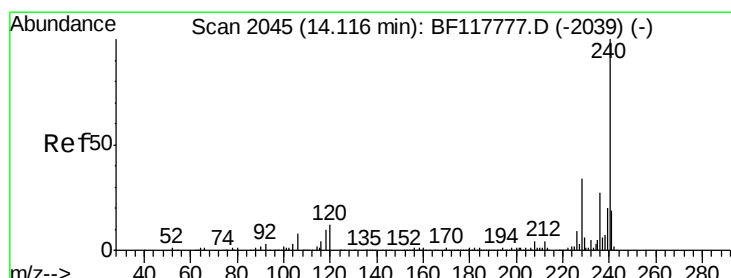
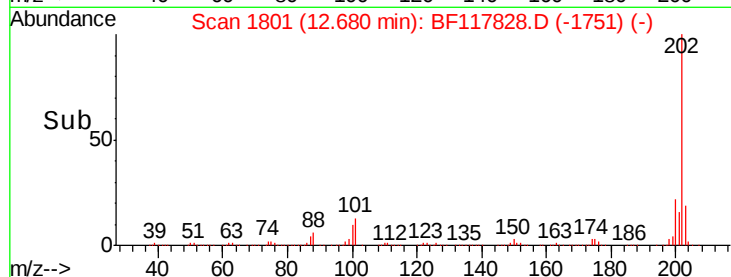
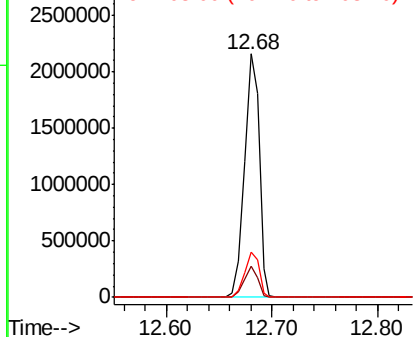


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

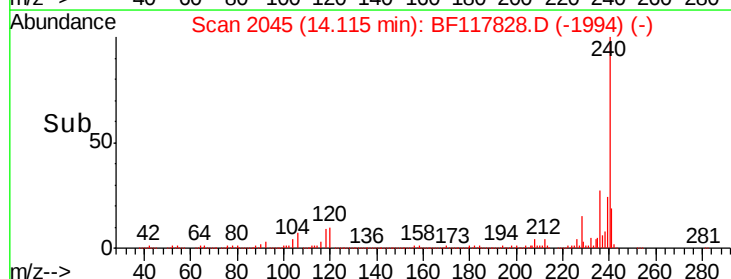
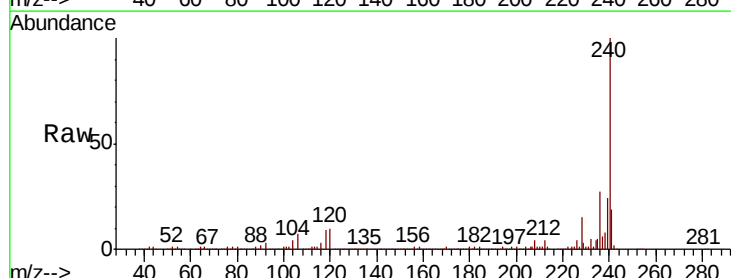
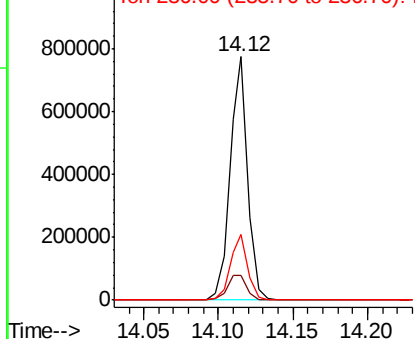
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.5	14.3
236	26.8	21.3	31.9

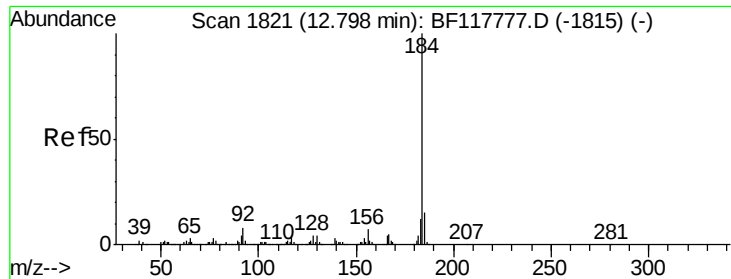
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.351 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Instrument :

BNA_F

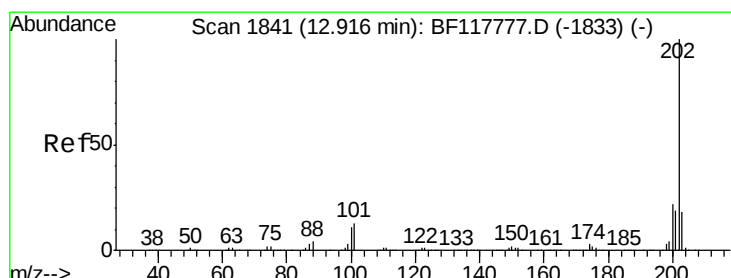
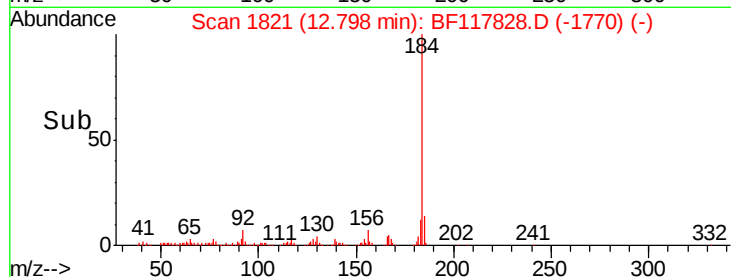
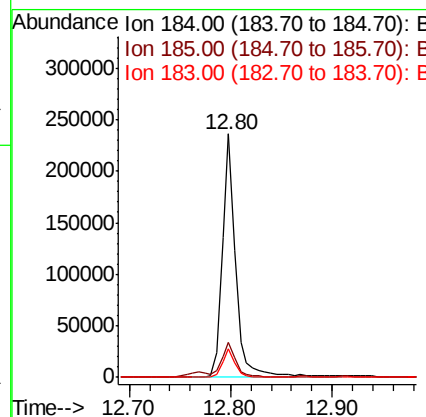
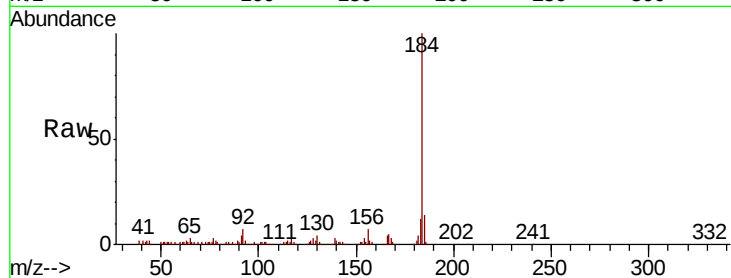
ClientSampleId :

PB124881BS

Tot Ion:	184	Resp:	217840
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.2	18.4
183	11.9	9.5	14.3

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#78

Pyrene

Concen: 39.599 ng

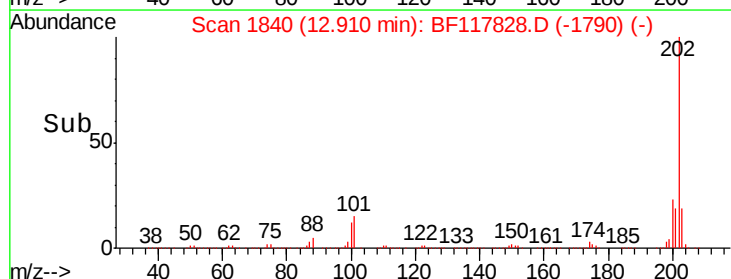
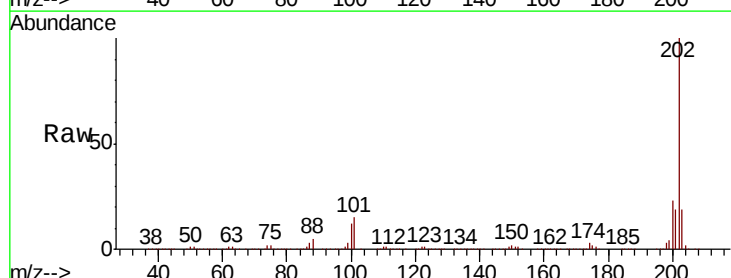
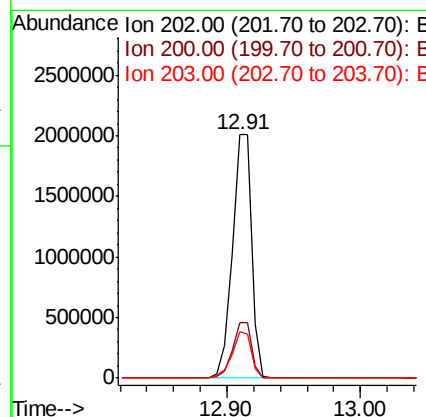
RT: 12.91 min Scan# 1840

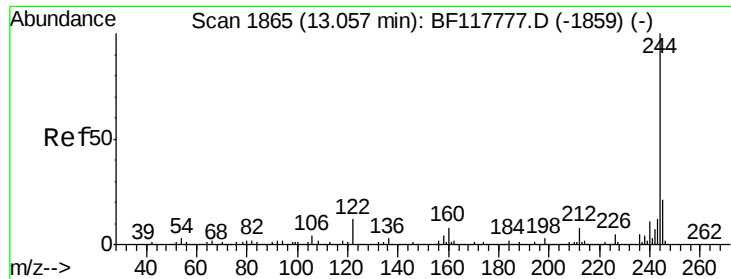
Delta R.T. -0.01 min

Lab File: BF117828.D

Acq: 18 Nov 2019 11:59

Tgt Ion:	202	Resp:	2056114
Ion Ratio	Lower	Upper	
202	100		
200	22.6	17.8	26.8
203	18.9	14.6	22.0





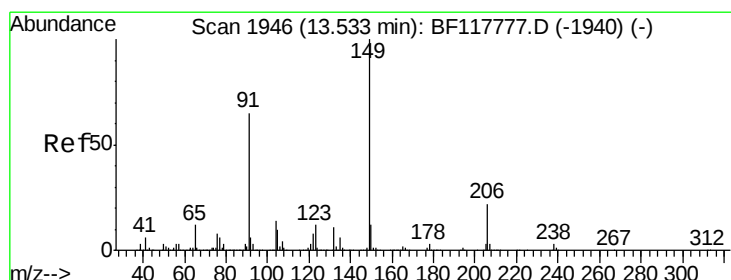
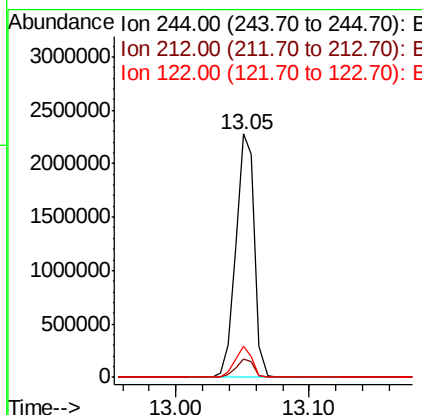
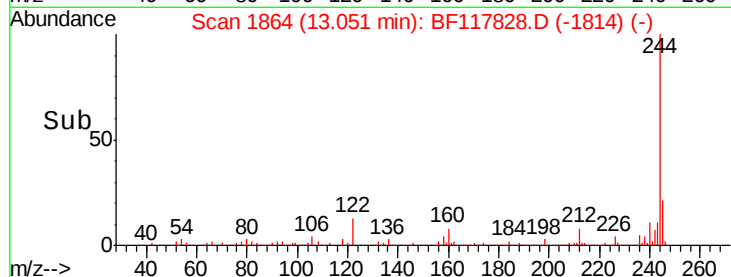
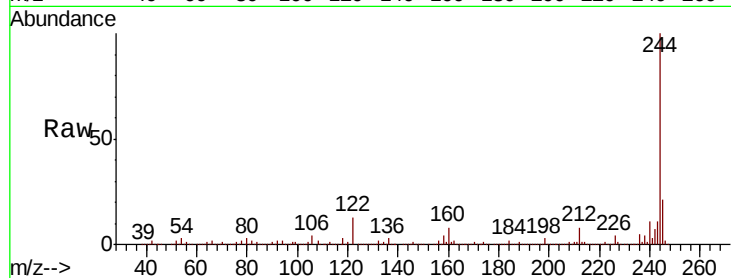
#79
 Terphenyl-d14
 Concen: 62.774 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Instrument :
 BNA_F
 ClientSampleId :
 PB124881BS

Tot Ion:244 Resp: 2206801
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 12.6 9.4 14.2

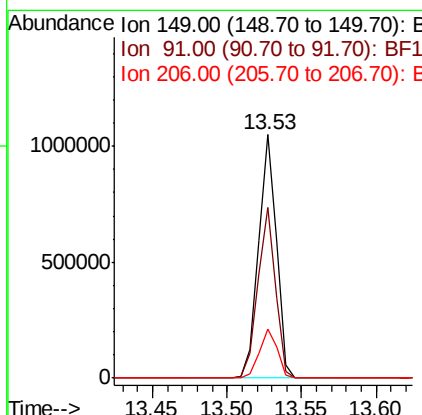
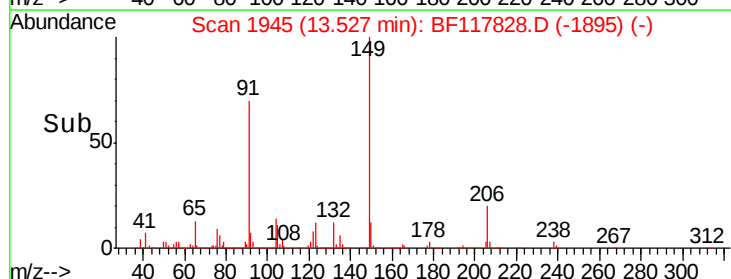
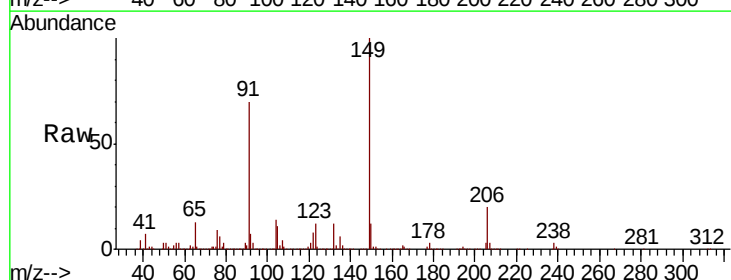
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#80
 Butylbenzylphthalate
 Concen: 38.458 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF117828.D
 Acq: 18 Nov 2019 11:59

Tgt Ion:149 Resp: 857656
 Ion Ratio Lower Upper
 149 100
 91 69.8 51.9 77.9
 206 20.3 17.2 25.8





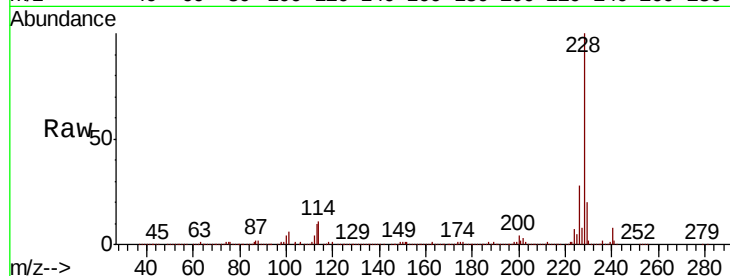
#81
Benzo(a)anthracene
Concen: 40.039 ng
RT: 14.10 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.2	33.2
229	20.3	15.9	23.9

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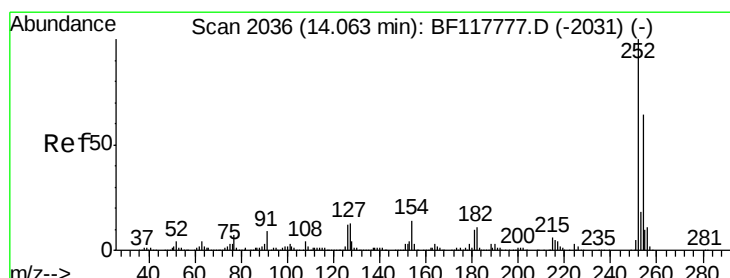
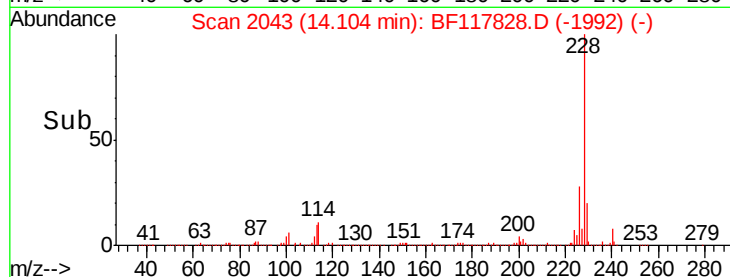
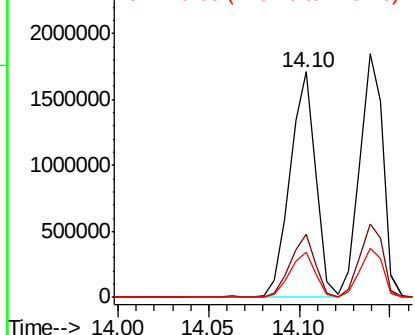


Abundance

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: 32.992 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

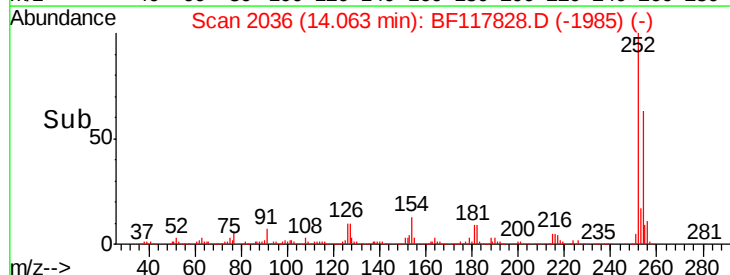
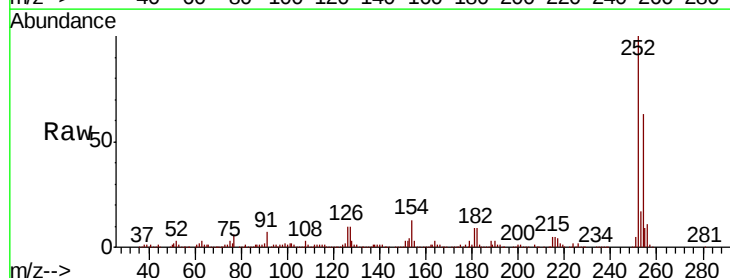
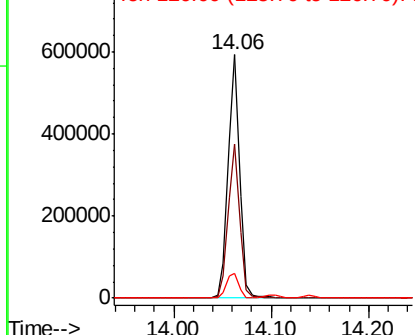
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.0	76.6
126	10.2	9.7	14.5

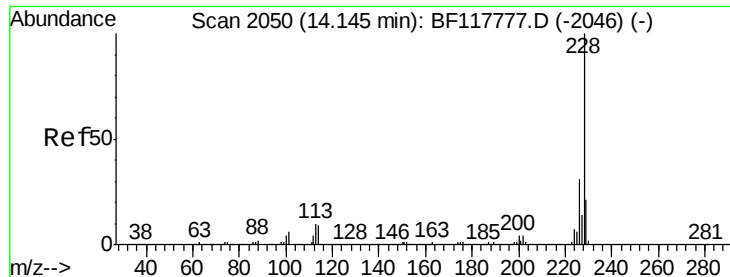
Abundance

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





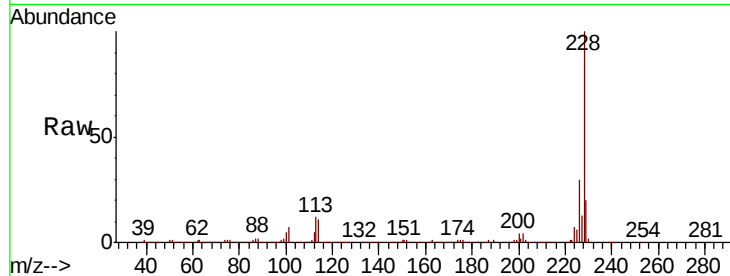
#83
Chrysene
Concen: 40.230 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampled :
PB124881BS

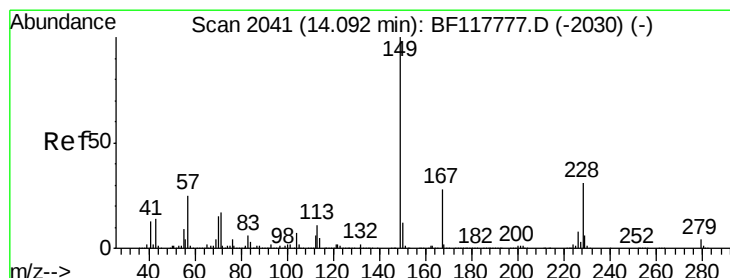
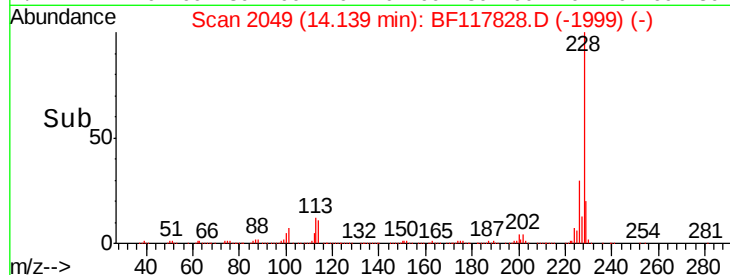
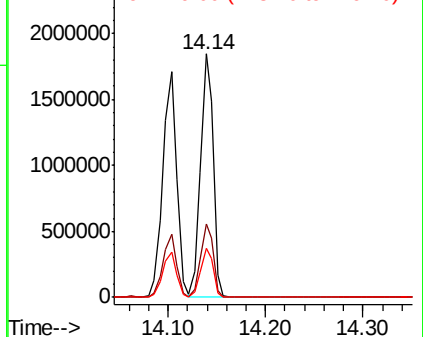
Tot Ion:228 Resp: 1655086
Ion Ratio Lower Upper
228 100
226 30.2 25.0 37.4
229 20.4 16.6 25.0

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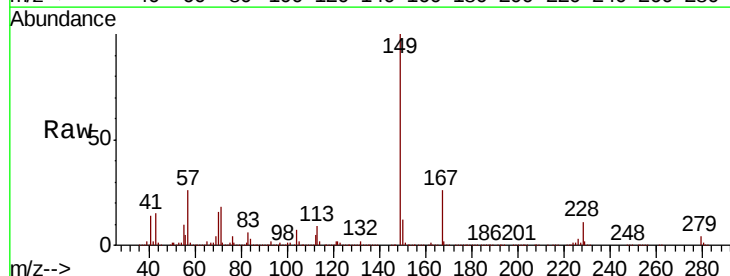


Abundance Ion 228.00 (227.70 to 228.70): E
2500000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

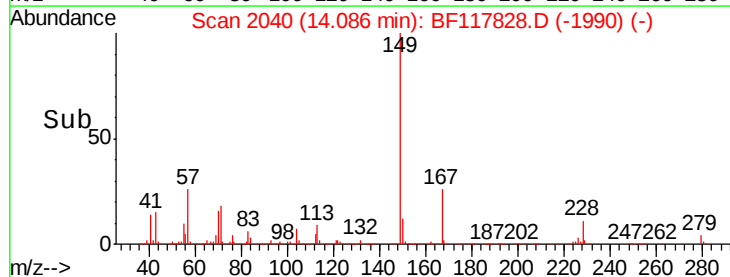
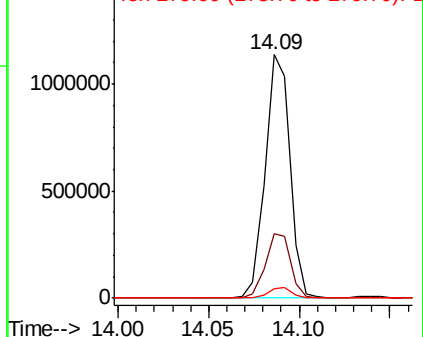


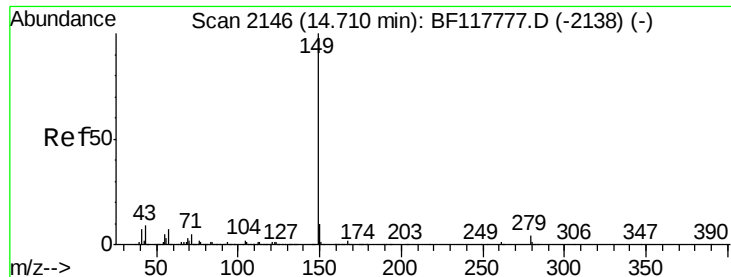
#84
Bis(2-ethylhexyl)phthalate
Concen: 39.762 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion:149 Resp: 1075029
Ion Ratio Lower Upper
149 100
167 26.4 22.2 33.2
279 3.9 3.4 5.2



Abundance Ion 149.00 (148.70 to 149.70): E
1500000
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





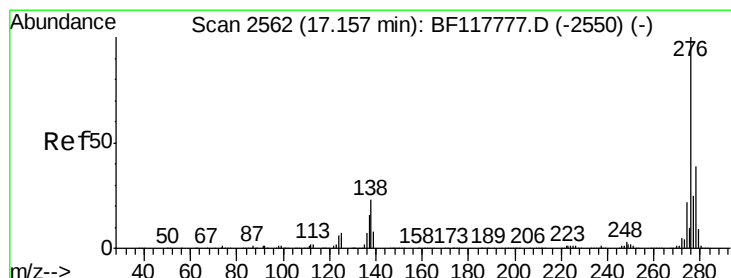
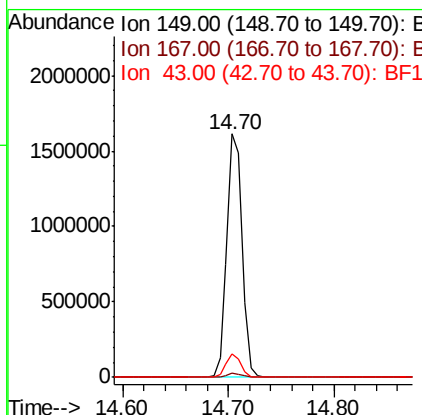
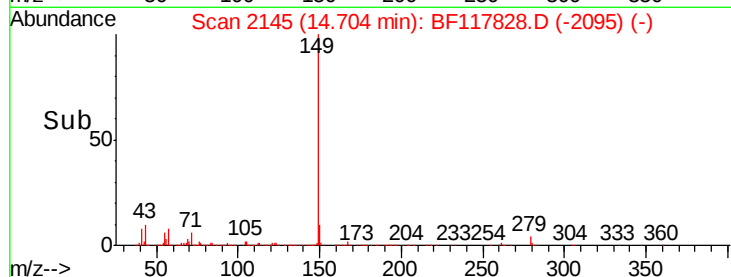
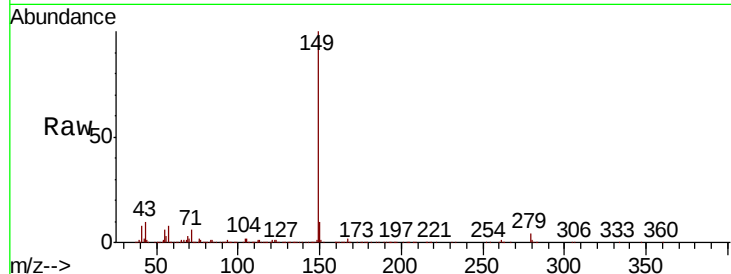
#85
Di-n-octyl phthalate
Concen: 40.665 ng
RT: 14.70 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	7.4	11.2

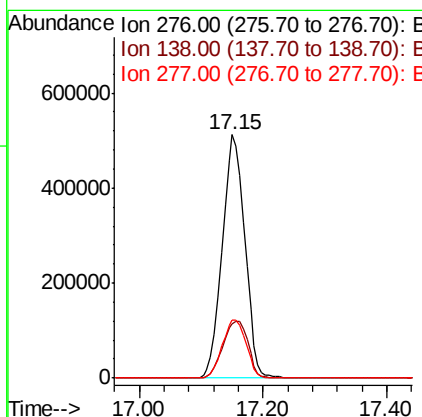
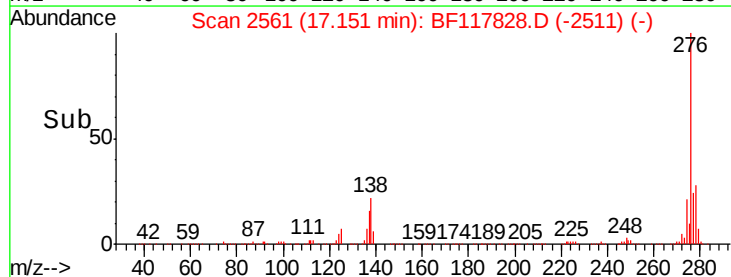
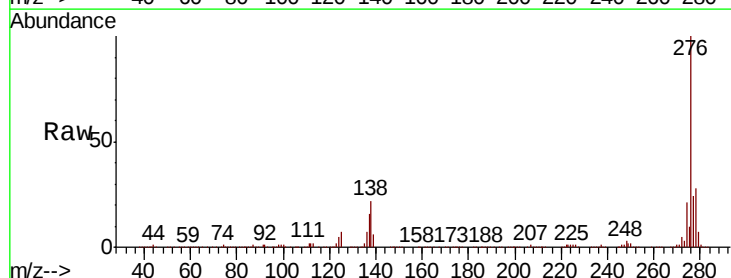
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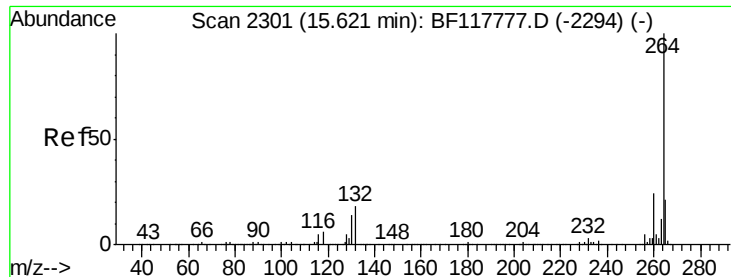
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.269 ng
RT: 17.15 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	20.9	31.3
277	25.4	20.3	30.5





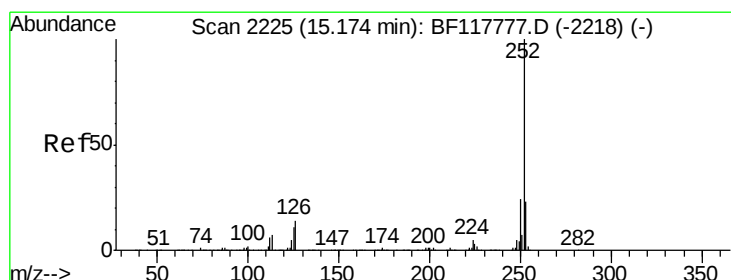
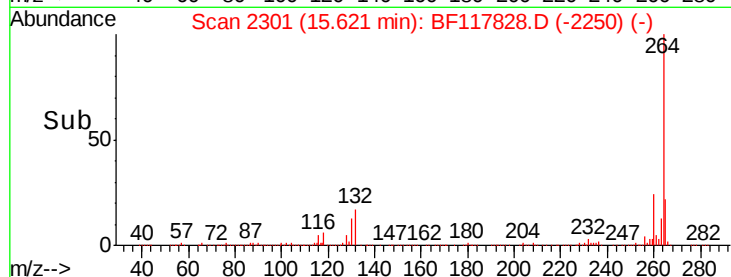
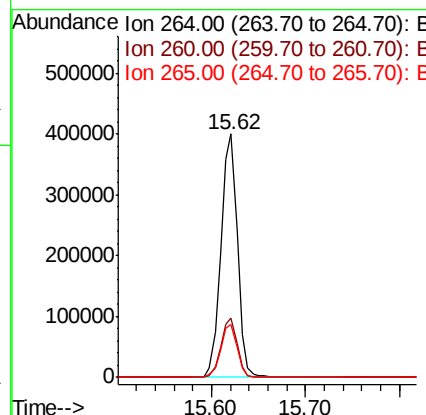
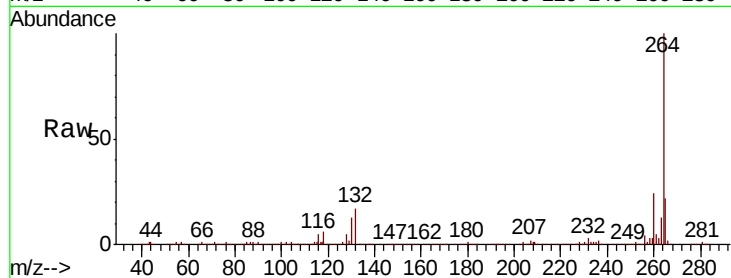
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.4	29.0
265	21.9	17.1	25.7

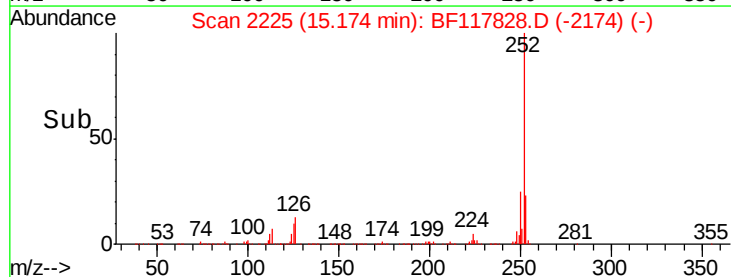
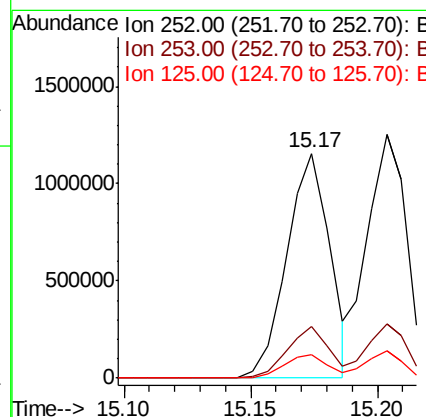
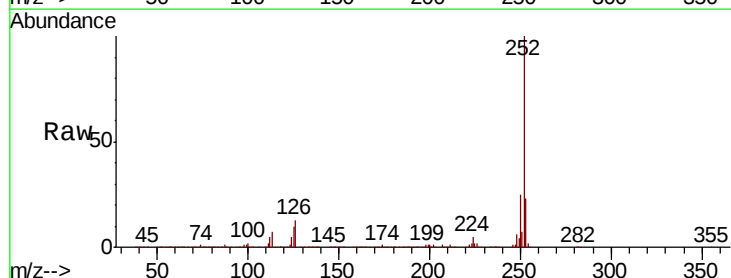
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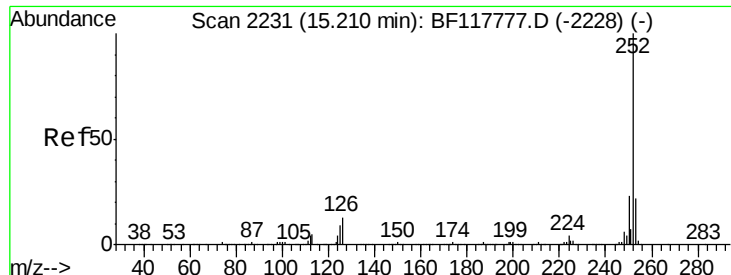
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#88
Benzo(b)fluoranthene
Concen: 42.560 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	10.3	8.6	13.0





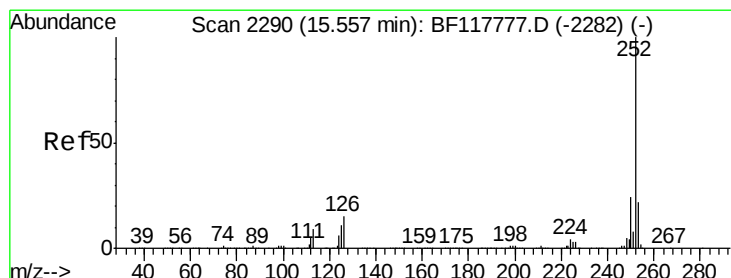
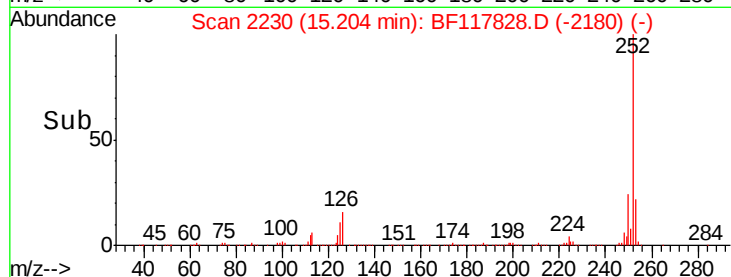
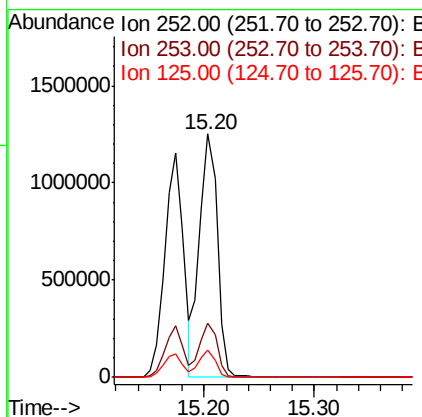
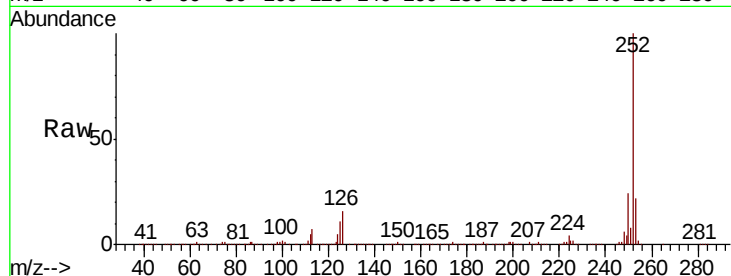
#89
Benzo(k)fluoranthene
Concen: 45.456 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.5	26.3
125	11.0	7.9	11.9

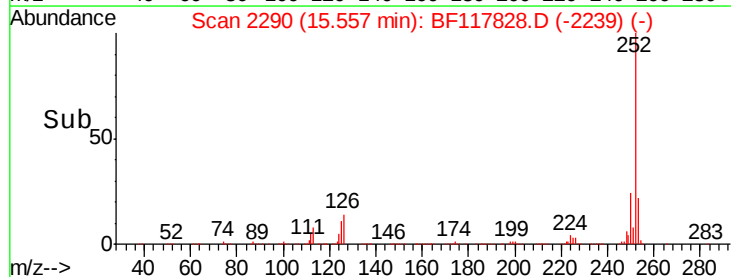
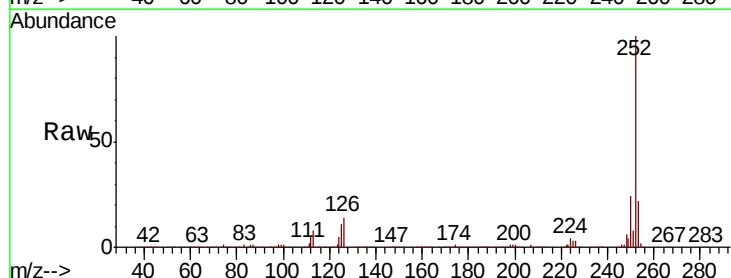
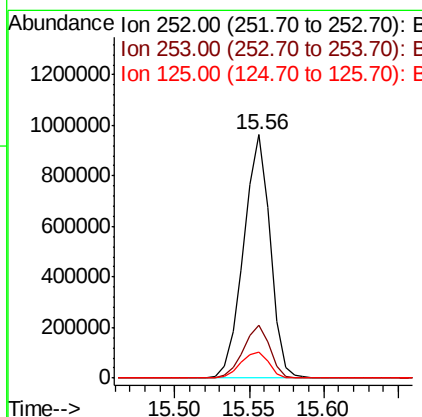
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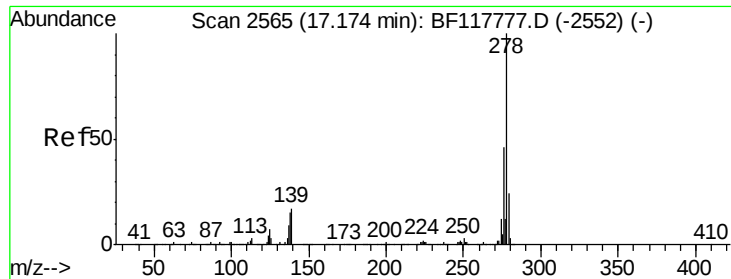
mohammad
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#90
Benzo(a)pyrene
Concen: 42.158 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.9	9.2	13.8





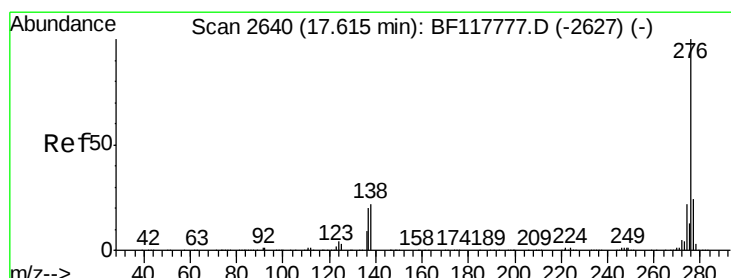
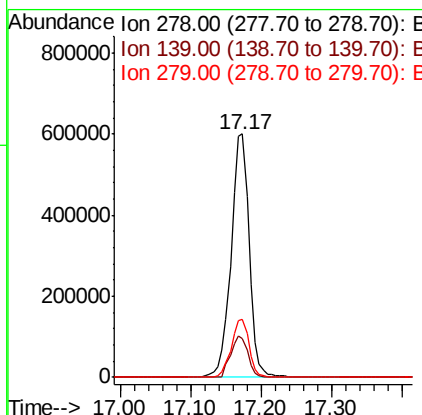
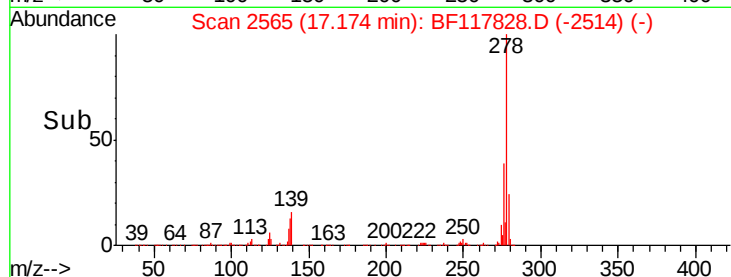
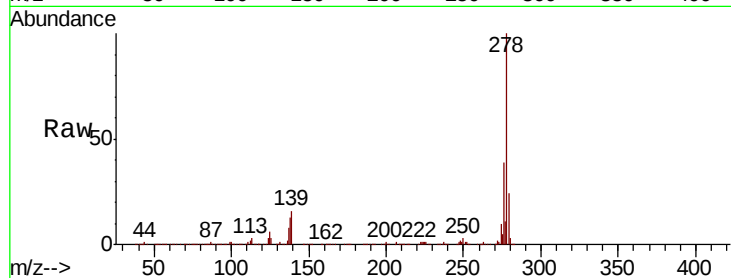
#91
Dibenzo(a,h)anthracene
Concen: 44.207 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Instrument :
BNA_F
ClientSampleId :
PB124881BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	13.8	20.8
279	23.7	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/19/2019 2:35:24 PM



#92
Benzo(g,h,i)perylene
Concen: 45.906 ng
RT: 17.62 min Scan# 2640
Delta R.T. -0.00 min
Lab File: BF117828.D
Acq: 18 Nov 2019 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	22.5	17.4	26.2

