

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117803.D
 Acq On : 15 Nov 2019 15:23
 Operator : JU
 Sample : PB124835BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB124835BS

Manual Integrations
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 11/18/2019 3:06:00 PM

Quant Time: Nov 18 02:40:51 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	245090	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1020125	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	538228	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1006161	20.00	ng	0.00
76) Chrysene-d12	14.12	240	688836	20.00	ng	0.00
87) Perylene-d12	15.62	264	534082	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1550868	112.01	ng	0.01
7) Phenol-d6	6.55	99	1905371	114.09	ng	0.00
23) Nitrobenzene-d5	7.49	82	1037333	60.45	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	603357	105.89	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2024439	67.48	ng	0.00
79) Terphenyl-d14	13.06	244	2195392	58.25	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.82	88	234301	36.202	ng	100
3) Pyridine	3.56	79	544658	32.081	ng	99
4) n-Nitrosodimethylamine	3.52	42	295776	39.910	ng	100
6) Aniline	6.58	93	714106	32.358	ng	99
8) 2-Chlorophenol	6.71	128	648573	43.169	ng	97
9) Benzaldehyde	6.47	77	374285	32.872	ng	98
10) Phenol	6.56	94	745005	42.929	ng	99
11) bis(2-Chloroethyl)ether	6.66	93	579442	41.578	ng	97
12) 1,3-Dichlorobenzene	6.86	146	703076	39.749	ng	97
13) 1,4-Dichlorobenzene	6.94	146	718269	40.174	ng	99
14) 1,2-Dichlorobenzene	7.09	146	680331	39.787	ng	99
15) Benzyl Alcohol	7.06	79	536412	41.603	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	834890	38.911	ng	98
17) 2-Methylphenol	7.17	107	548727	43.128	ng	100
18) Hexachloroethane	7.44	117	260414	39.649	ng	94
19) n-Nitroso-di-n-propylamine	7.33	70	421049	40.867	ng	98
20) 3+4-Methylphenols	7.32	107	666534	42.202	ng	# 83
22) Acetophenone	7.33	105	864252	37.709	ng	99
24) Nitrobenzene	7.50	77	687970	38.861	ng	98
25) Isophorone	7.75	82	1208681	38.428	ng	99
26) 2-Nitrophenol	7.82	139	355324	41.236	ng	97
27) 2,4-Dimethylphenol	7.85	122	626662	46.803	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	730594	36.605	ng	99
29) 2,4-Dichlorophenol	8.06	162	557993	38.420	ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	617622	36.662	ng	97
31) Naphthalene	8.23	128	1882443	39.583	ng	100
32) Benzoic acid	7.96	122	428223	38.196	ng	98
33) 4-Chloroaniline	8.27	127	519748	24.412	ng	99
34) Hexachlorobutadiene	8.35	225	345446	35.072	ng	100
35) Caprolactam	8.64	113	186462m	40.396	ng	
36) 4-Chloro-3-methylphenol	8.76	107	586664	39.802	ng	100
37) 2-Methylnaphthalene	8.93	142	1285613	40.009	ng	98
38) 1-Methylnaphthalene	9.03	142	1204268	39.642	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	566091	36.217	ng	99

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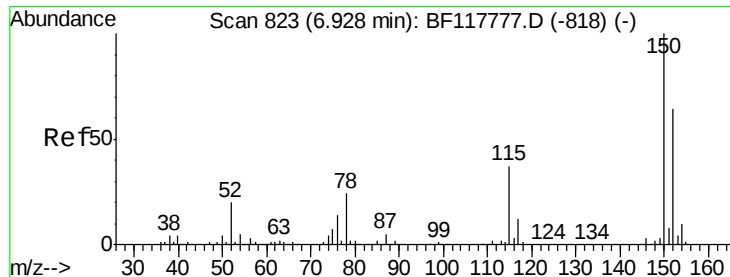
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	631712	72.118	nq	98
43) 2,4,6-Trichlorophenol	9.20	196	415711	37.132	nq	99
44) 2,4,5-Trichlorophenol	9.24	196	448624	38.594	nq	98
46) 1,1'-Biphenyl	9.39	154	1537399	38.501	nq	99
47) 2-Chloronaphthalene	9.42	162	1232592	37.522	nq	99
48) 2-Nitroaniline	9.51	65	370607	37.369	nq	92
49) Acenaphthylene	9.83	152	1915372	39.992	nq	99
50) Dimethylphthalate	9.69	163	1387066	36.750	nq	99
51) 2,6-Dinitrotoluene	9.75	165	325272	39.432	nq	93
52) Acenaphthene	10.01	154	1271333	41.438	nq	99
53) 3-Nitroaniline	9.92	138	265110	26.859	nq	92
54) 2,4-Dinitrophenol	10.03	184	293982	70.322	nq	97
55) Dibenzofuran	10.18	168	1657454	39.013	nq	100
56) 4-Nitrophenol	10.08	139	594588	80.704	nq	89
57) 2,4-Dinitrotoluene	10.16	165	429704	40.951	nq	95
58) Fluorene	10.53	166	1251350	38.009	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	376122	39.380	nq	100
60) Diethylphthalate	10.39	149	1368268	37.184	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	629722	37.690	nq	96
62) 4-Nitroaniline	10.54	138	350269	35.442	nq	99
63) Azobenzene	10.67	77	1283405	38.337	nq	99
65) 4,6-Dinitro-2-methylphenol	10.56	198	203821	43.393	nq	81
66) n-Nitrosodiphenylamine	10.63	169	1138989	38.897	nq	99
67) 4-Bromophenyl-phenylether	11.01	248	401207	36.956	nq	96
68) Hexachlorobenzene	11.07	284	461971	36.493	nq	96
69) Atrazine	11.16	200	388681	40.351	nq	99
70) Pentachlorophenol	11.27	266	558377	75.499	nq	100
71) Phenanthrene	11.49	178	1940373	38.358	nq	100
72) Anthracene	11.54	178	1968283	39.244	nq	100
73) Carbazole	11.69	167	1782575	40.672	nq	99
74) Di-n-butylphthalate	12.03	149	2012438	36.878	nq	99
75) Fluoranthene	12.68	202	1983762	42.675	nq	98
77) Benzidine	12.80	184	641159	28.416	nq	100
78) Pyrene	12.92	202	1974155	35.463	nq	100
80) Butylbenzylphthalate	13.53	149	839423	35.108	nq	93
81) Benzo(a)anthracene	14.10	228	1672195	36.736	nq	100
82) 3,3'-Dichlorobenzidine	14.06	252	534792	33.587	nq	99
83) Chrysene	14.14	228	1624763	36.836	nq	99
84) Bis(2-ethylhexyl)phthalate	14.09	149	1055532	36.414	nq	99
85) Di-n-octyl phthalate	14.71	149	1678307	39.411	nq	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1364050	36.336	nq	100
88) Benzo(b)fluoranthene	15.17	252	1530577	44.110	nq	100
89) Benzo(k)fluoranthene	15.21	252	1361484	41.642	nq	99
90) Benzo(a)pyrene	15.56	252	1253516	41.082	nq	100
91) Dibenzo(a,h)anthracene	17.17	278	1137125	43.298	nq	99
92) Benzo(g,h,i)perylene	17.62	276	1155285	44.165	nq	99

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



#1

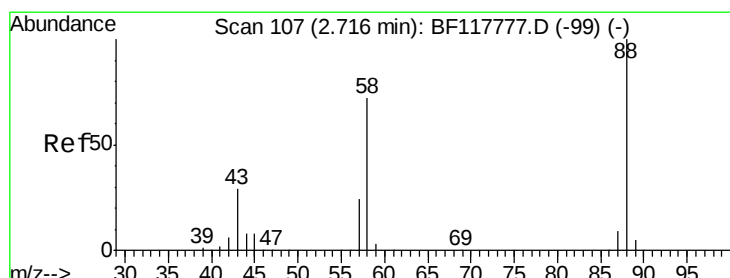
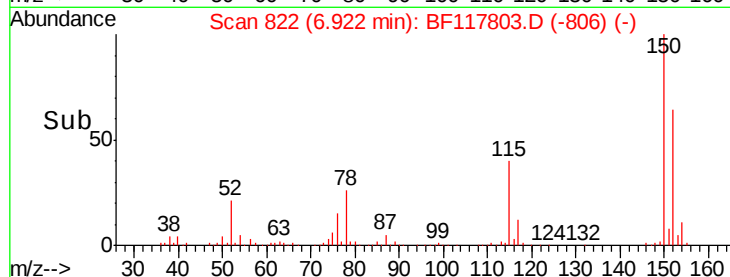
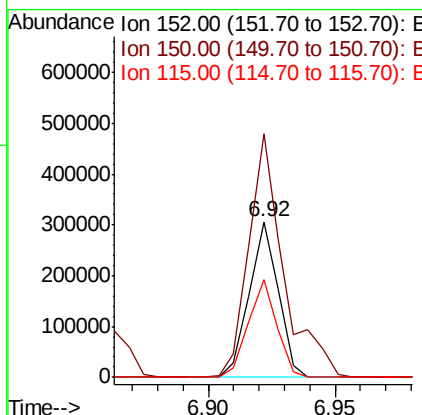
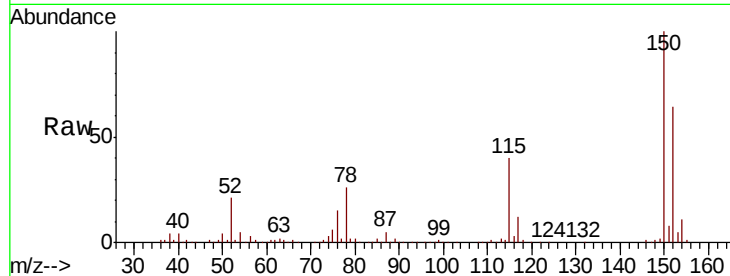
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.3	187.9
115	62.9	47.0	70.4

Manual Integrations
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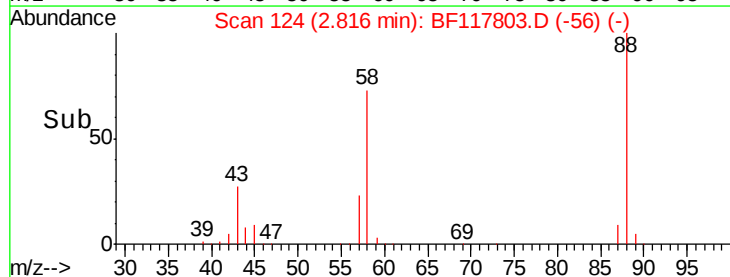
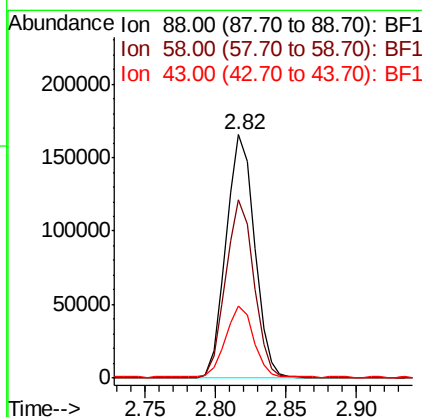
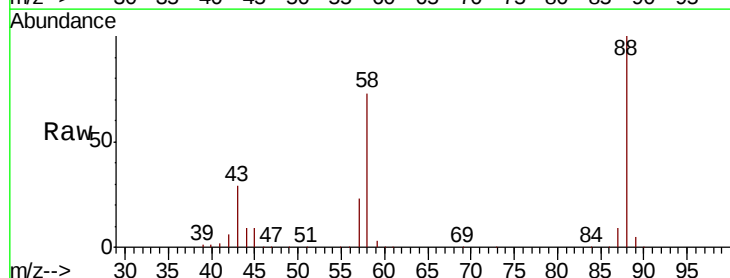
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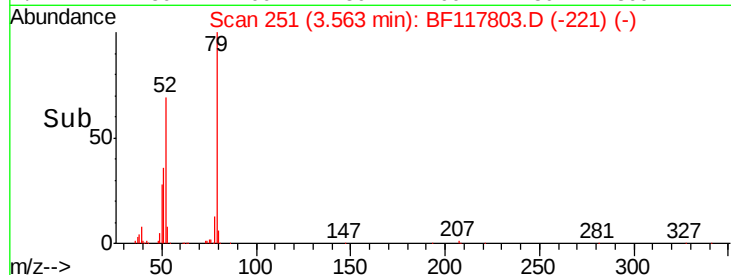
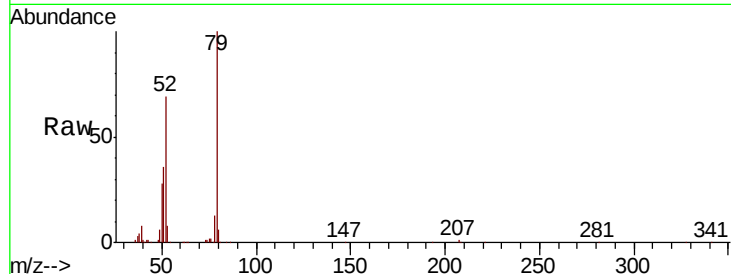
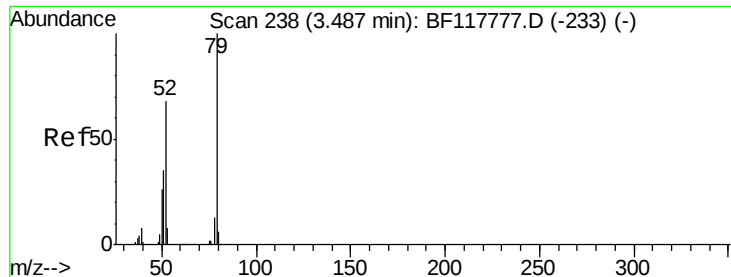


#2

1,4-Dioxane
Concen: 36.202 ng
RT: 2.82 min Scan# 124
Delta R.T. 0.10 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.5	58.2	87.2
43	28.6	23.3	34.9





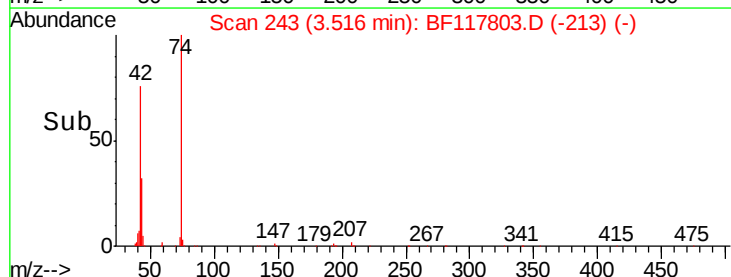
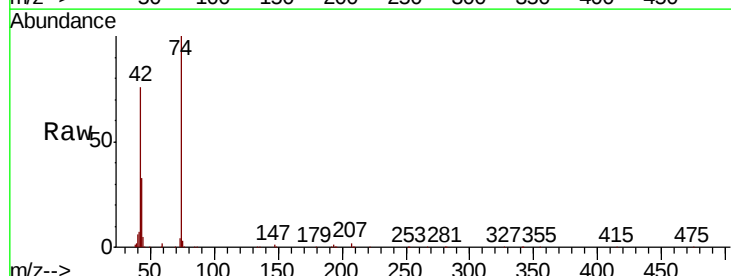
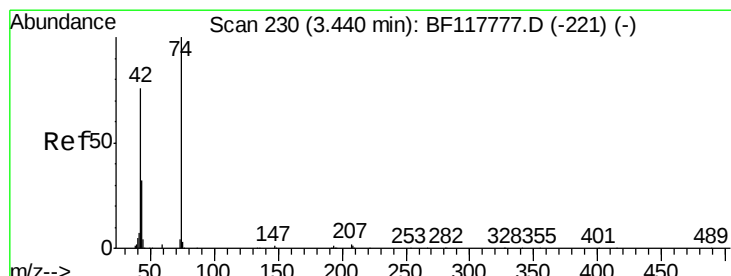
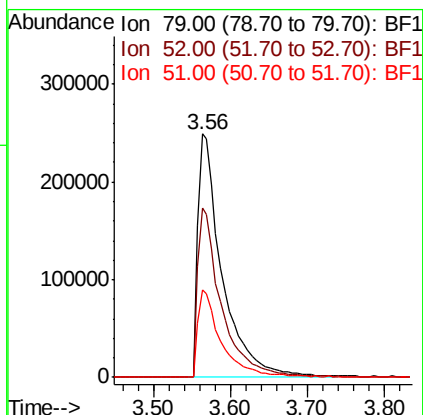
#3
 Pvridine
 Concen: 32.081 ng
 RT: 3.56 min Scan# 251
 Delta R.T. 0.08 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tot Ion	79	Resp	544658
Ion Ratio	Lower	Upper	
79	100		
52	69.4	54.8	82.2
51	35.7	28.2	42.4

Instrument :
 BNA_F
 ClientSampleId :
 PB124835BS

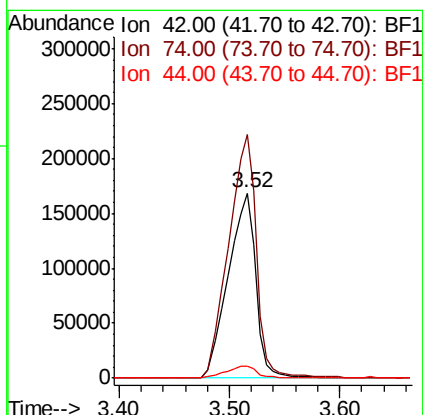
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#4
 n-Nitrosodimethylamine
 Concen: 39.910 ng
 RT: 3.52 min Scan# 243
 Delta R.T. 0.08 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion	42	Resp	295776
Ion Ratio	Lower	Upper	
42	100		
74	131.6	105.1	157.7
44	6.7	4.6	7.0





#5

2-Fluorophenol

Concen: 112.008 ng

RT: 5.55 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PB124835BS

Tot Ion: 112 Resp: 1550868

Ion Ratio Lower Upper

112 100

64 55.5 45.6 68.4

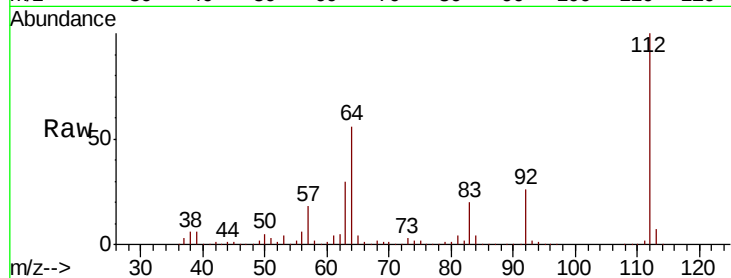
63 30.0 24.1 36.1

Manual Integrations

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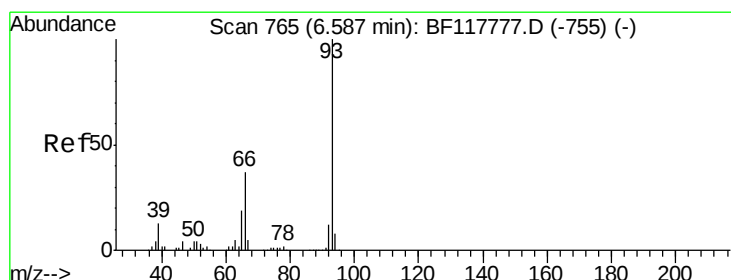
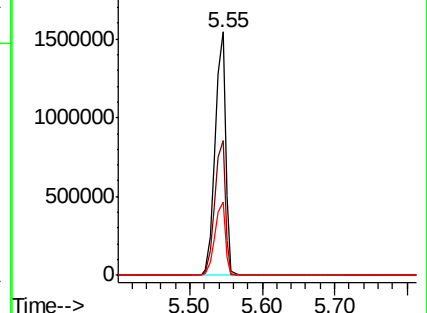
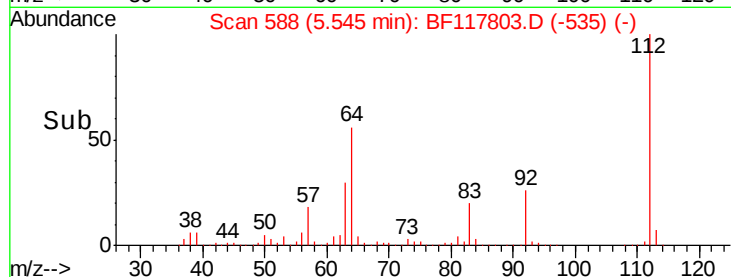
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 32.358 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

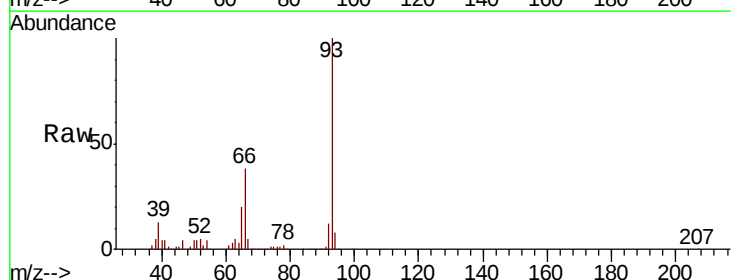
Tgt Ion: 93 Resp: 714106

Ion Ratio Lower Upper

93 100

66 37.8 30.6 45.8

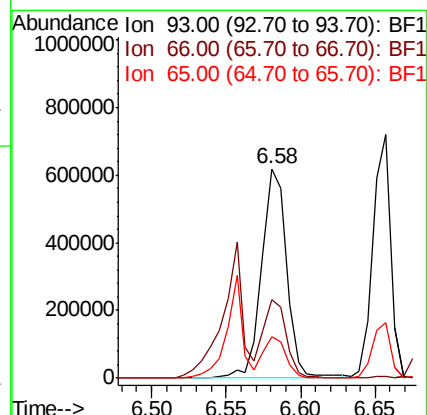
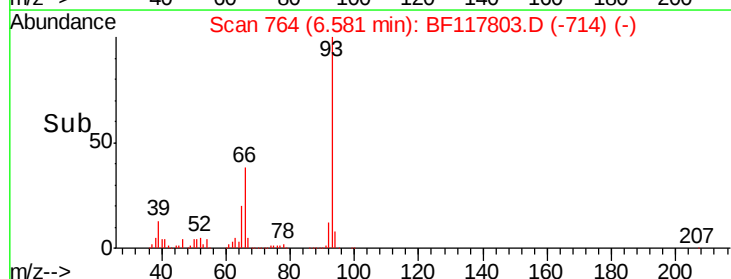
65 19.6 15.6 23.4

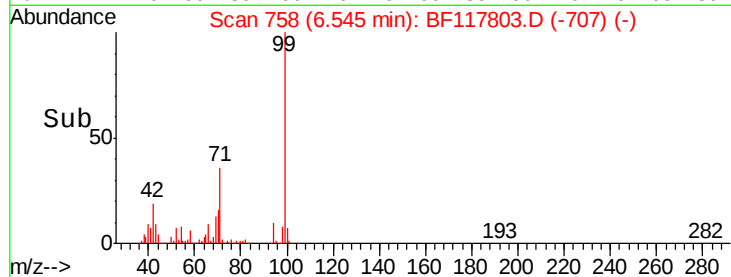
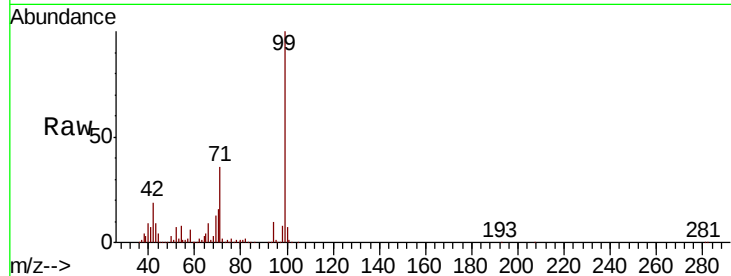
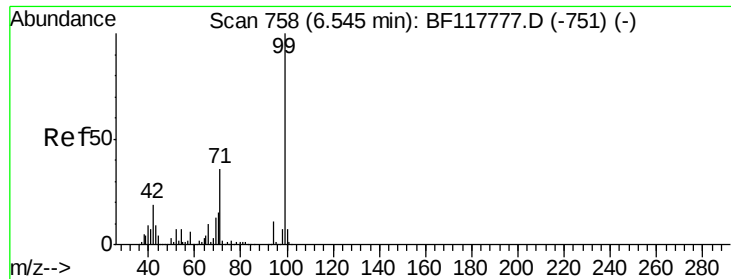


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 114.090 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tot Ion:	99	Resp:	1905371
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.9	22.3
71	35.8	28.6	43.0

Instrument :

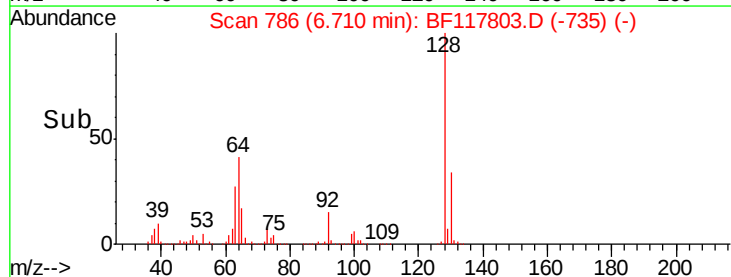
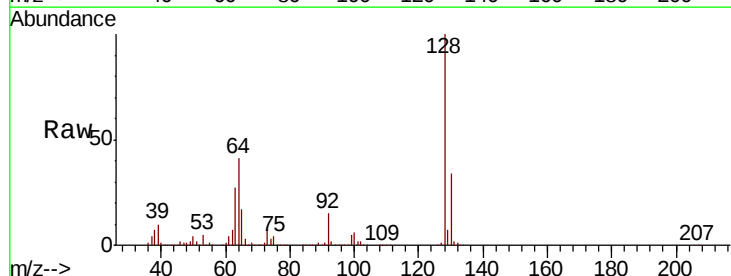
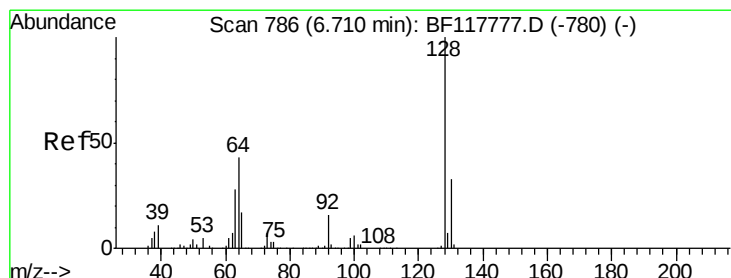
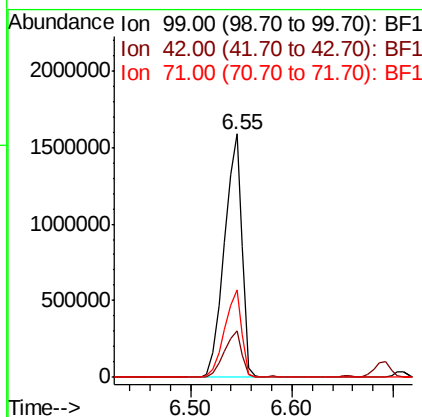
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ClientSampleId :

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#8

2-Chlorophenol

Concen: 43.169 ng

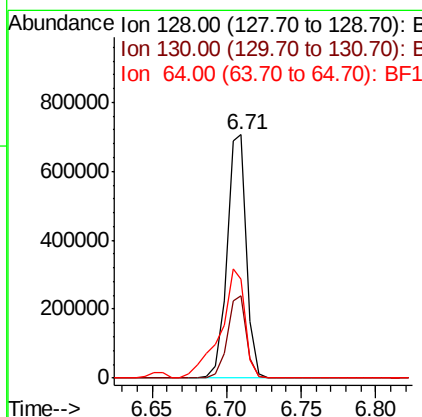
RT: 6.71 min Scan# 786

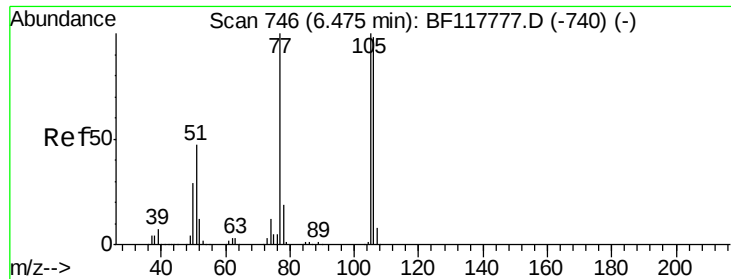
Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:	128	Resp:	648573
Ion	Ratio	Lower	Upper
128	100		
130	33.8	13.2	53.2
64	40.7	23.7	63.7





#9

Benzaldehyde

Concen: 32.872 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

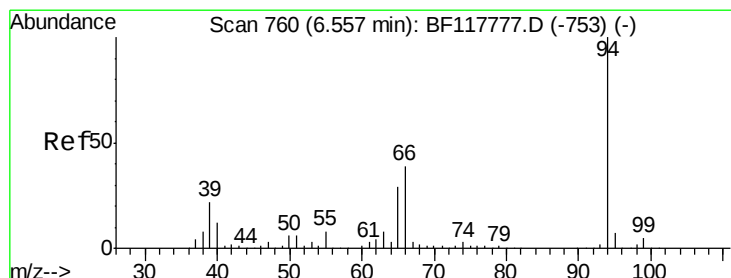
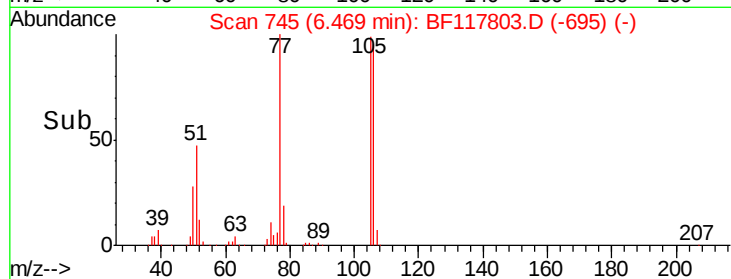
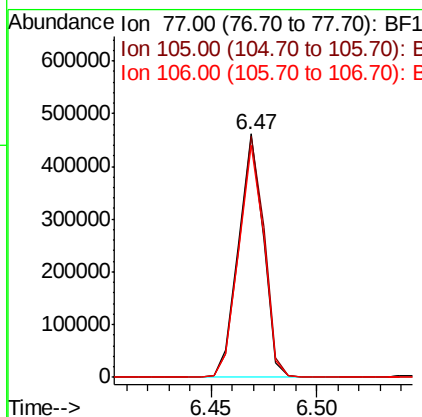
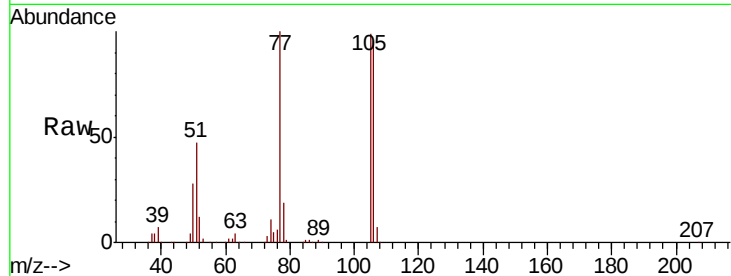
ClientSampleId :

PB124835BS

Tot Ion:	77	Resp:	374285
Ion	Ratio	Lower	Upper
77	100		
105	98.9	80.2	120.2
106	95.4	78.4	118.4

Manual Integrations
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#10

Phenol

Concen: 42.929 ng

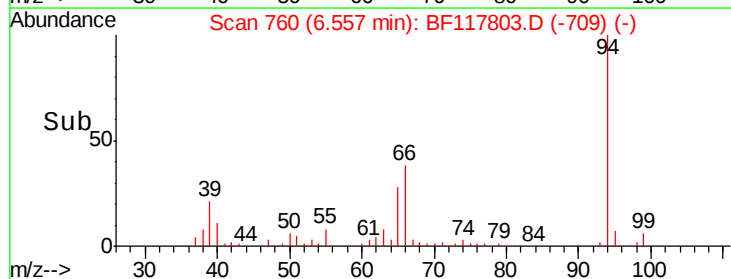
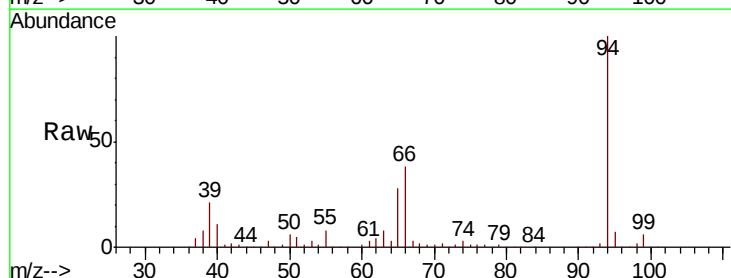
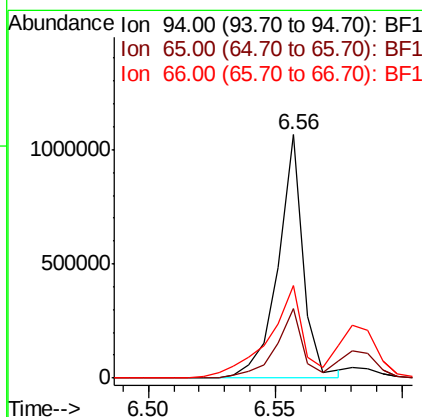
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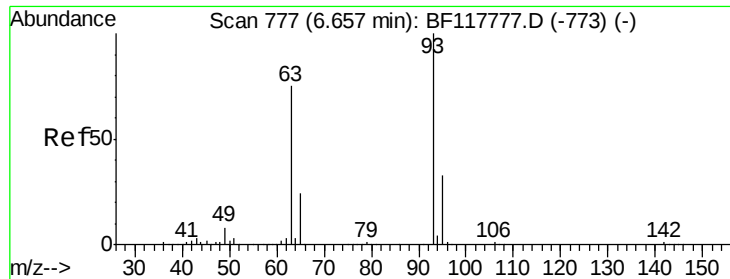
Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:	94	Resp:	745005
Ion	Ratio	Lower	Upper
94	100		
65	28.4	8.9	48.9
66	37.8	18.7	58.7





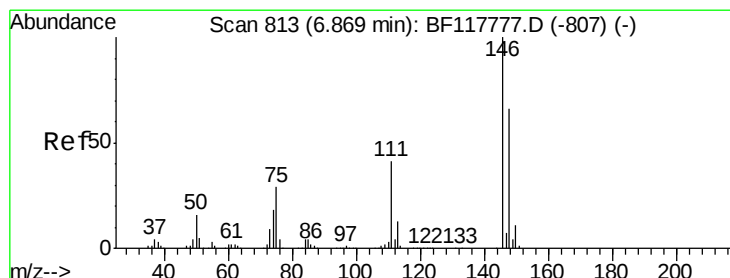
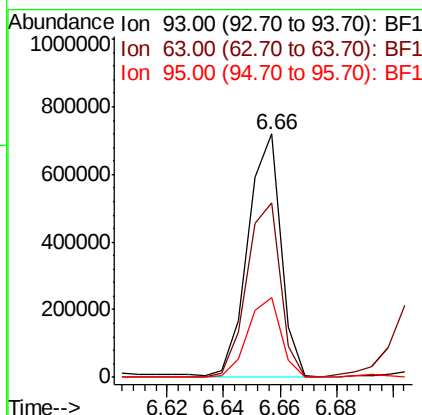
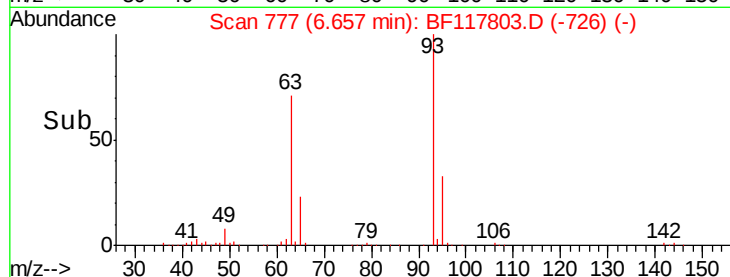
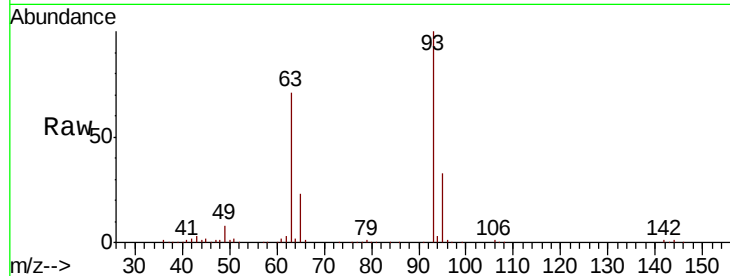
#11
bis(2-Chloroethyl)ether
Concen: 41.578 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion:	93	Resp:	579442
Ion	Ratio	Lower	Upper
93	100		
63	71.4	54.8	94.8
95	32.9	12.7	52.7

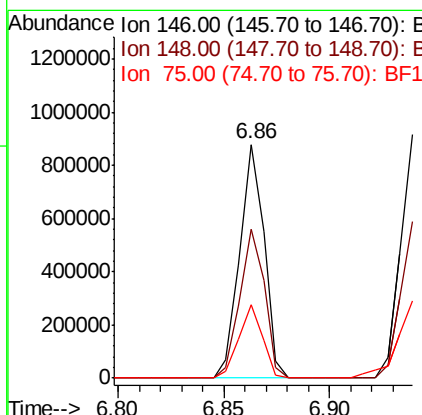
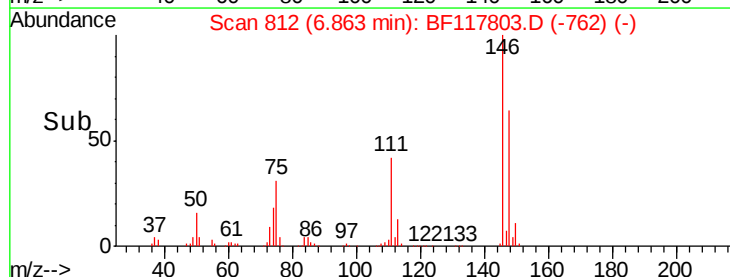
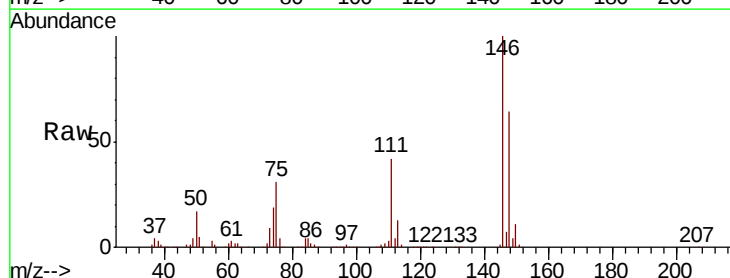
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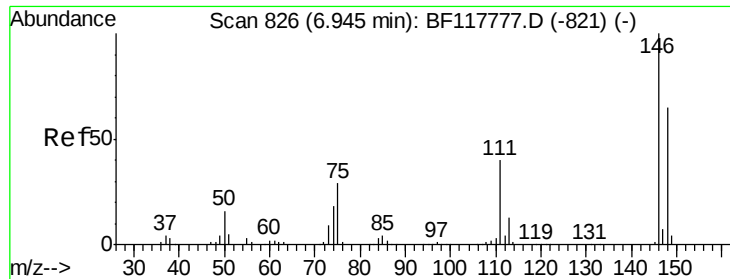
mohammad
11/18/2019 3:06:00 PM



#12
1,3-Dichlorobenzene
Concen: 39.749 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:	146	Resp:	703076
Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.8	79.2
75	31.2	23.4	35.0





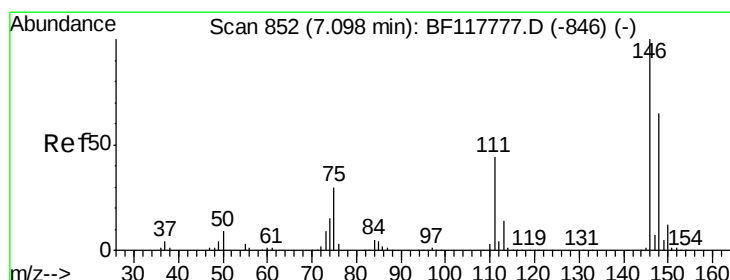
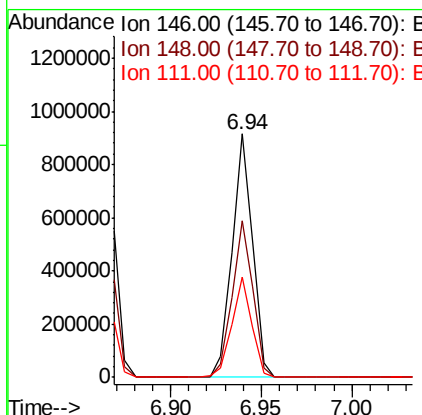
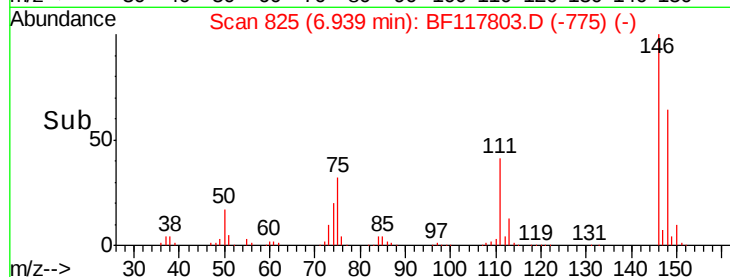
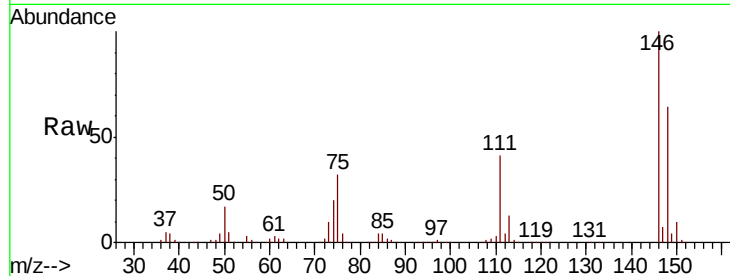
#13
1,4-Dichlorobenzene
Concen: 40.174 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.2	52.3	78.5
111	41.0	32.2	48.4

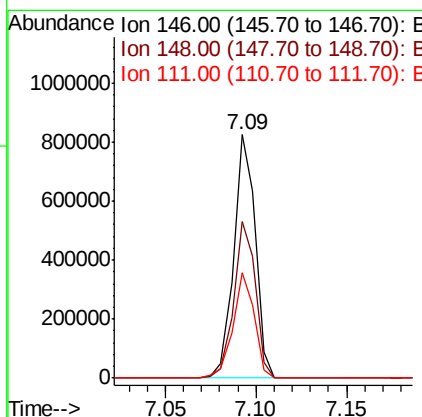
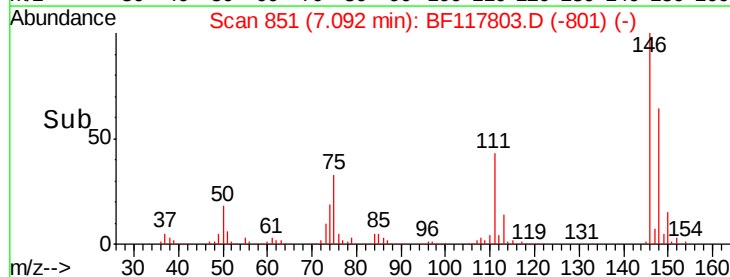
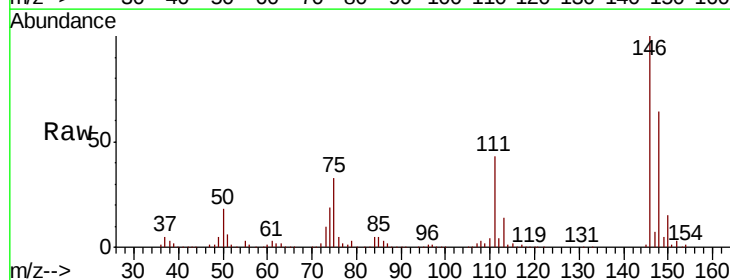
Manual Integrations
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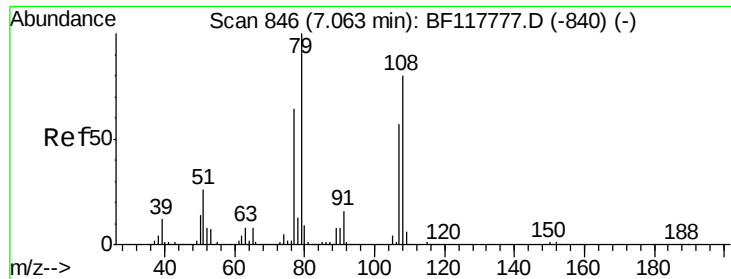
mohammad
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#14
1,2-Dichlorobenzene
Concen: 39.787 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
111	43.5	35.0	52.6





#15

Benzyl Alcohol

Concen: 41.603 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

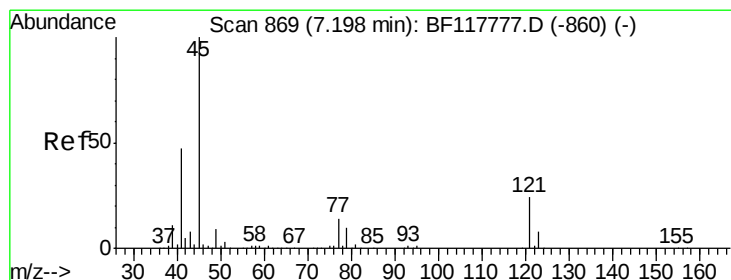
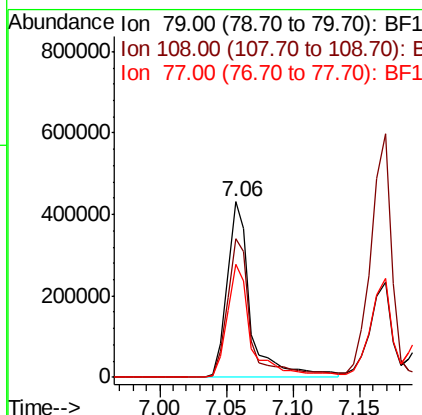
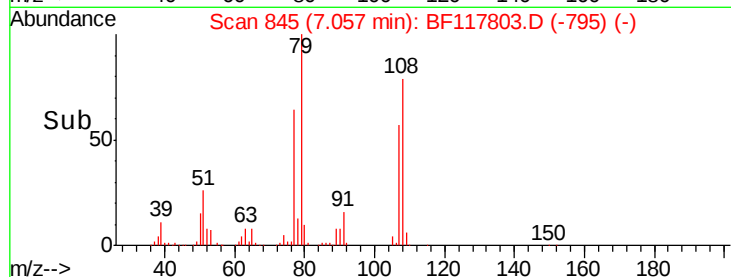
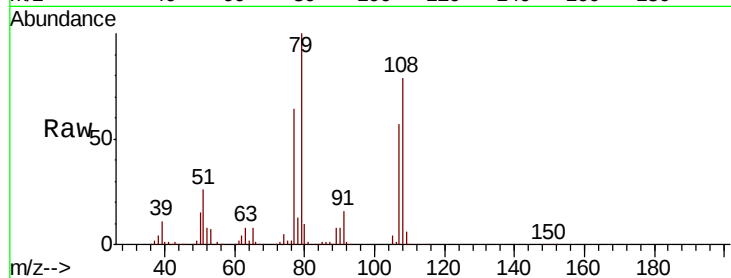
ClientSampleId :

PB124835BS

Tot Ion:	79	Resp:	536412
Ion Ratio	Lower	Upper	
79	100		
108	79.2	64.1	96.1
77	64.3	51.3	76.9

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.911 ng

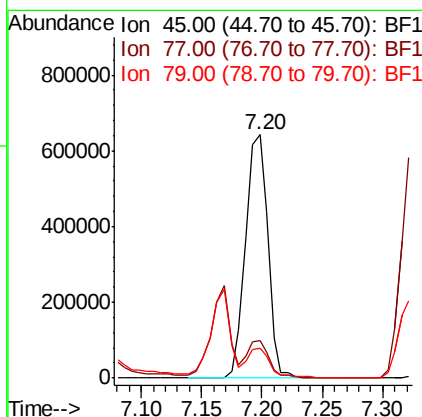
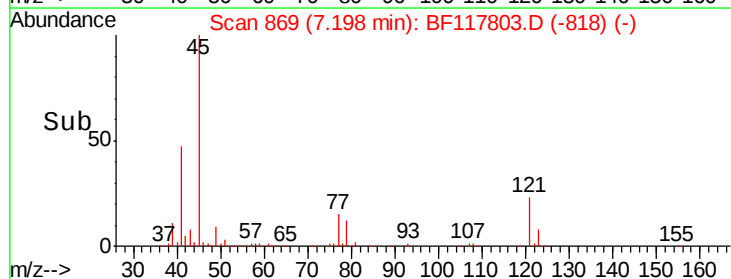
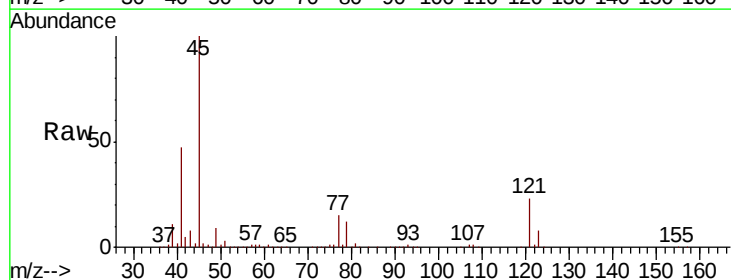
RT: 7.20 min Scan# 869

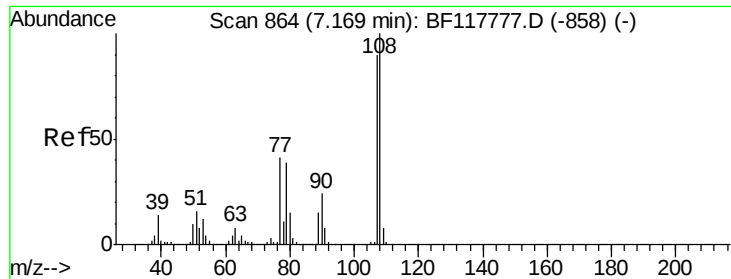
Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:	45	Resp:	834890
Ion Ratio	Lower	Upper	
45	100		
77	15.4	0.0	35.0
79	12.3	0.0	31.1





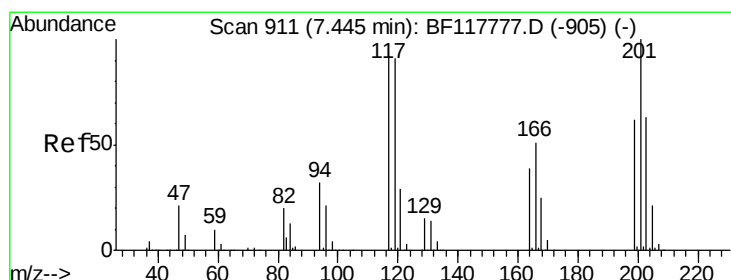
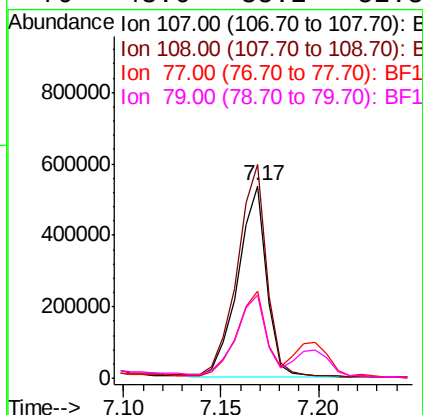
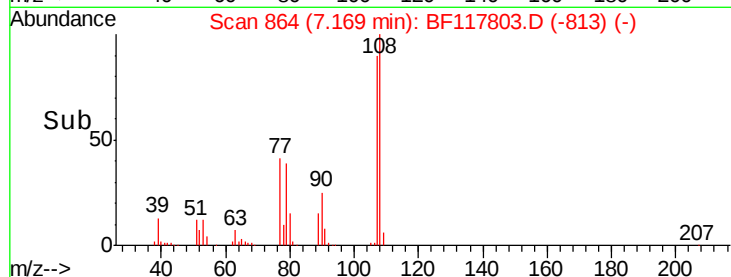
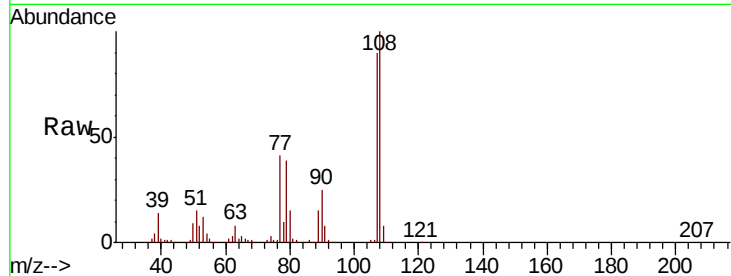
#17
2-Methylphenol
Concen: 43.128 ng
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.2	89.1	133.7	
77	45.4	36.6	54.8	
79	43.6	35.2	52.8	

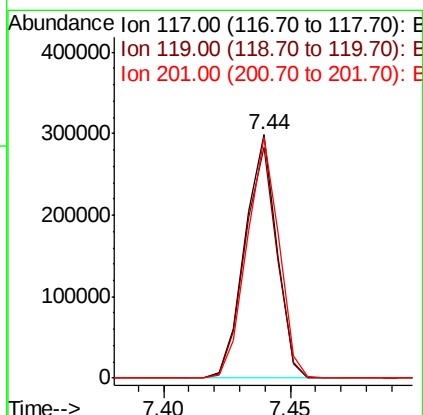
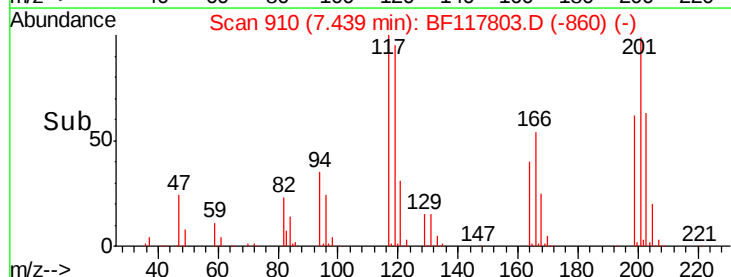
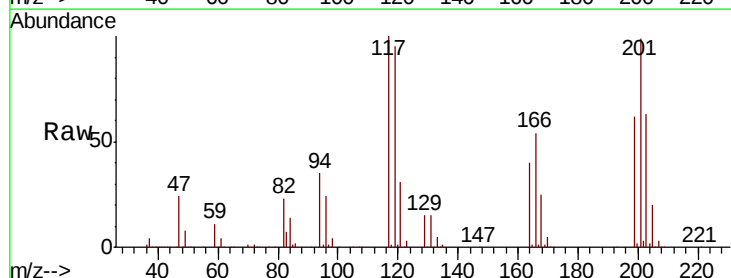
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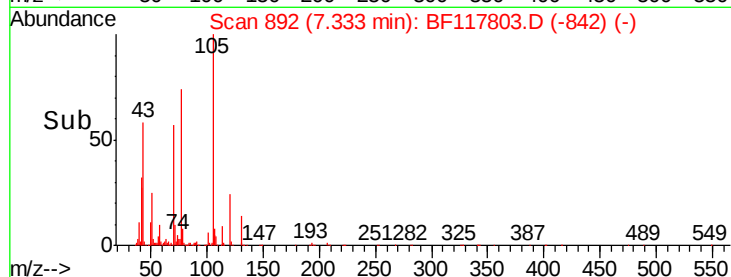
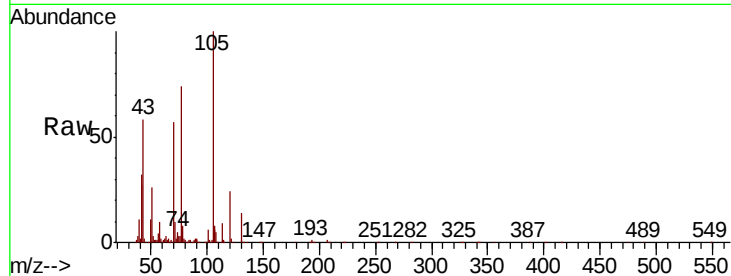
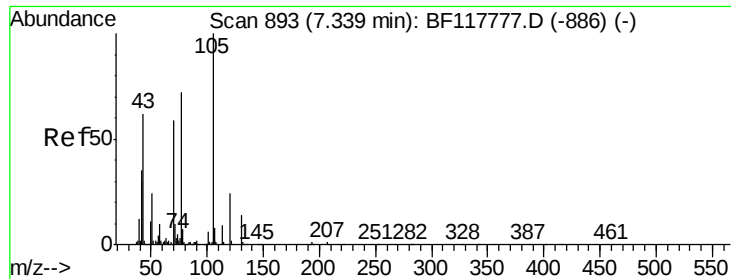
mohammad
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#18
Hexachloroethane
Concen: 39.649 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	78.7	118.1	
201	98.8	86.5	129.7	





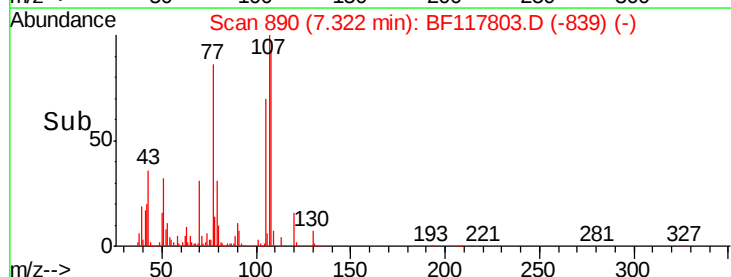
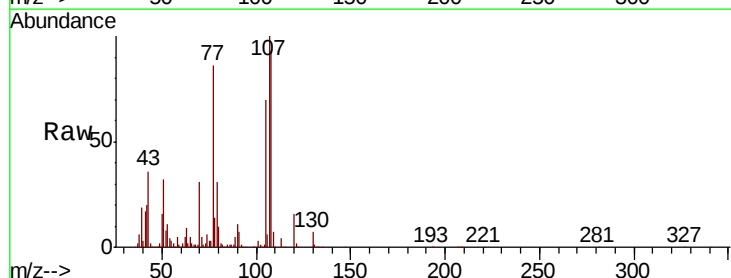
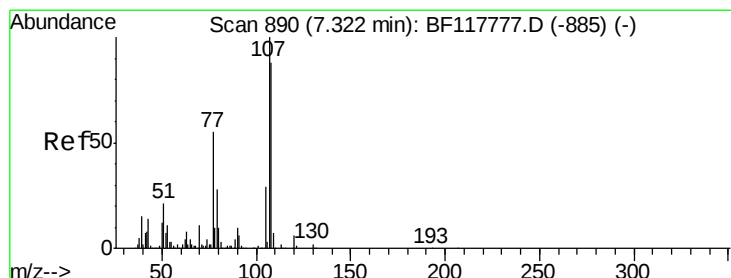
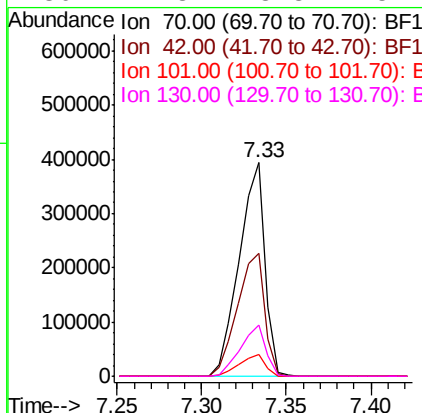
#19
n-Nitroso-di-n-propylamine
Concen: 40.867 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Manual Integrations
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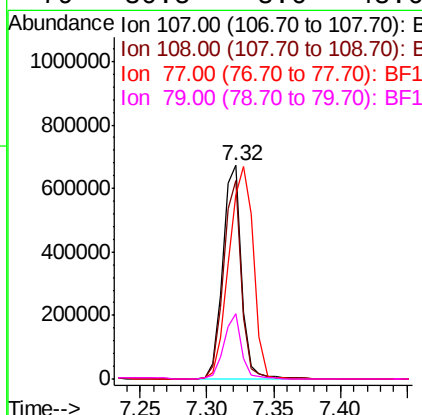
mohammad
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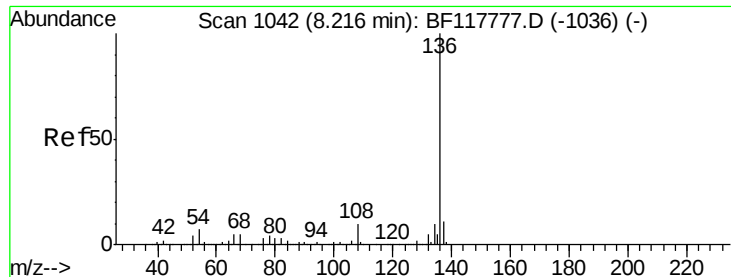
Tot Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.4	71.2
101	10.1	8.4	12.6
130	24.3	18.8	28.2



#20
3+4-Methylphenols
Concen: 42.202 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	68.4	108.4
77	86.5	35.2	75.2#
79	30.5	8.6	48.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PB124835BS

Tot Ion:136 Resp: 1020125

Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.4

54 7.2 5.4 8.2

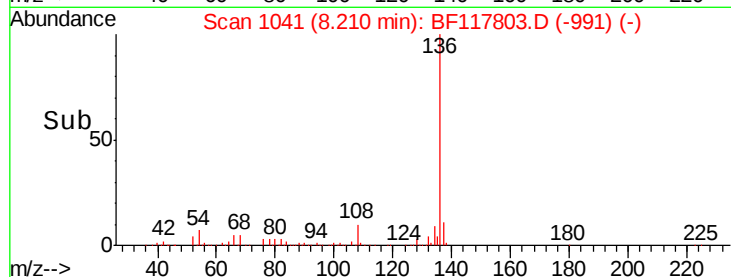
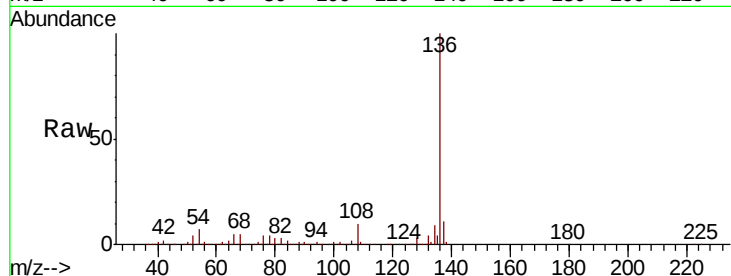
68 5.3 4.3 6.5

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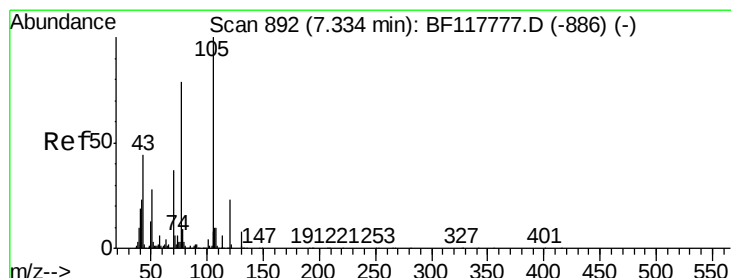
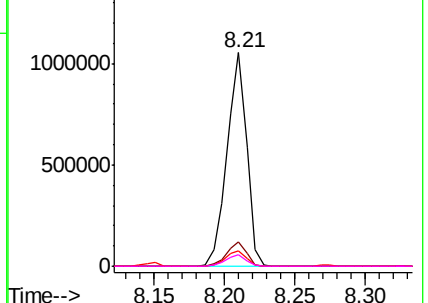


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.709 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:105 Resp: 864252

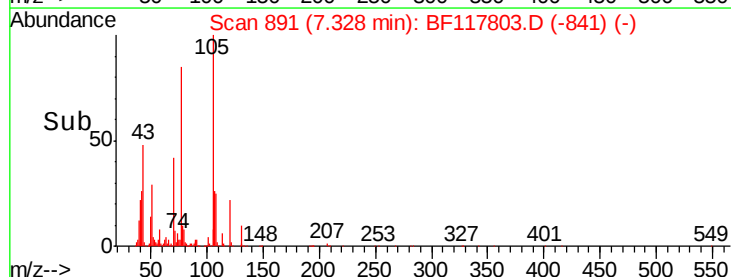
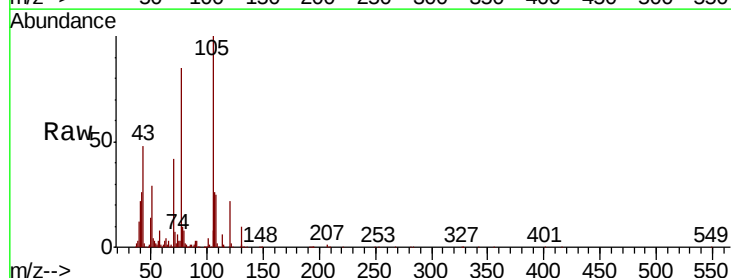
Ion Ratio Lower Upper

105 100

71 7.1 4.9 7.3

51 28.9 22.7 34.1

120 22.4 18.5 27.7

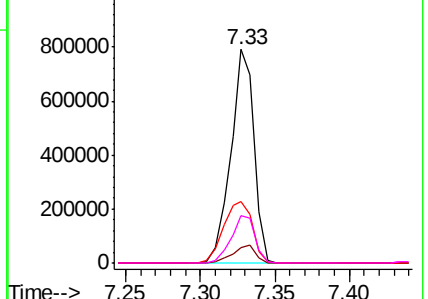


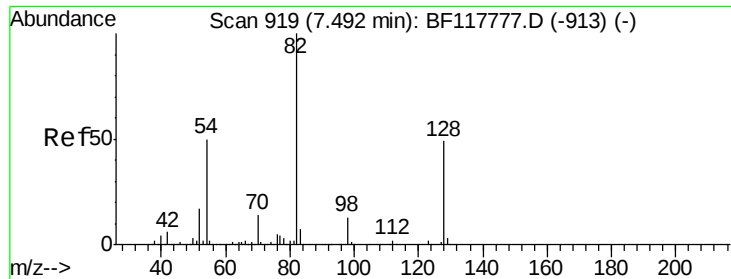
Abundance Ion 105.00 (104.70 to 105.70): E

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





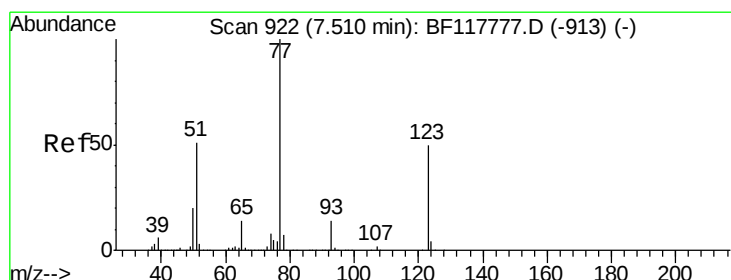
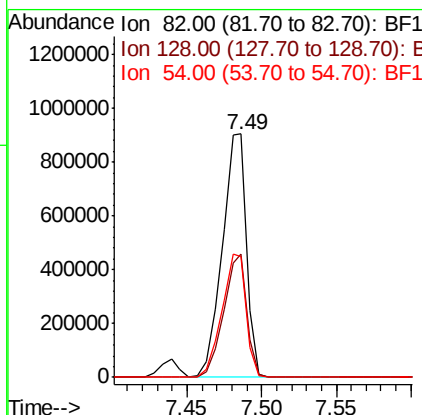
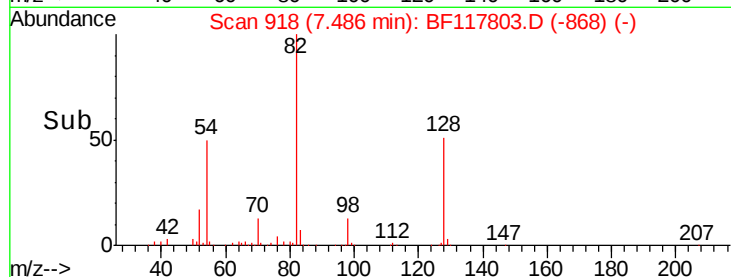
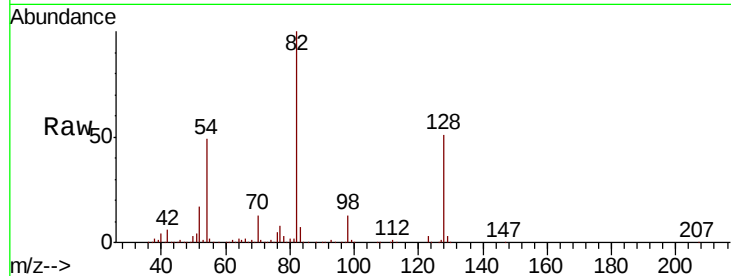
#23
Nitrobenzene-d5
Concen: 60.449 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.6	38.9	58.3
54	49.5	39.8	59.6

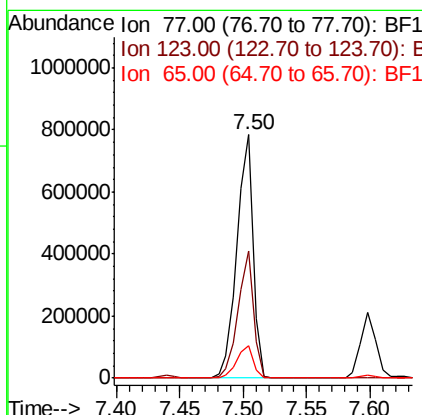
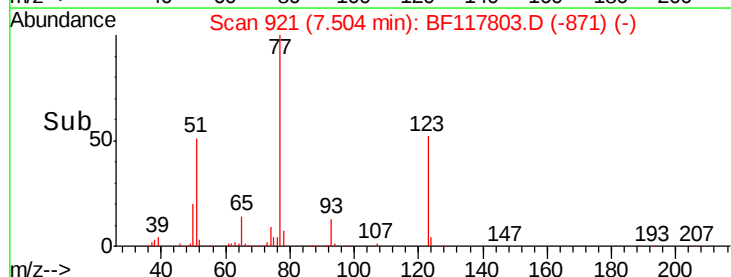
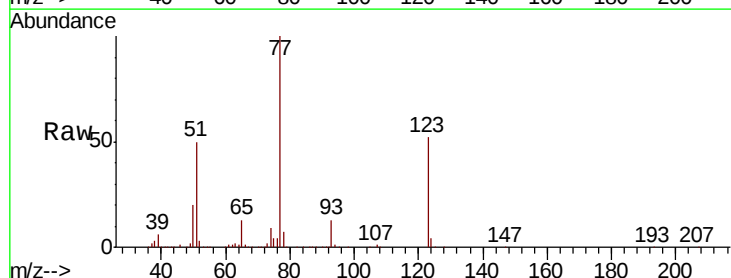
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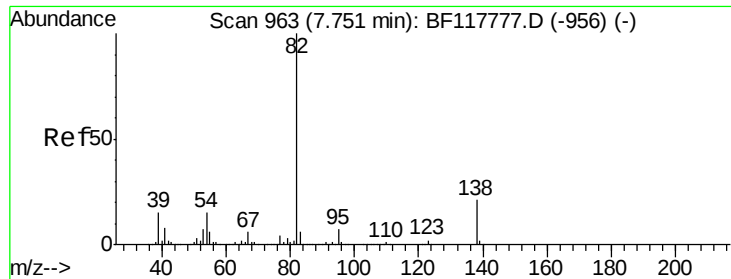
mohammad
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#24
Nitrobenzene
Concen: 38.861 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.2	40.3	60.5
65	13.4	10.9	16.3





#25

Isophorone

Concen: 38.428 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

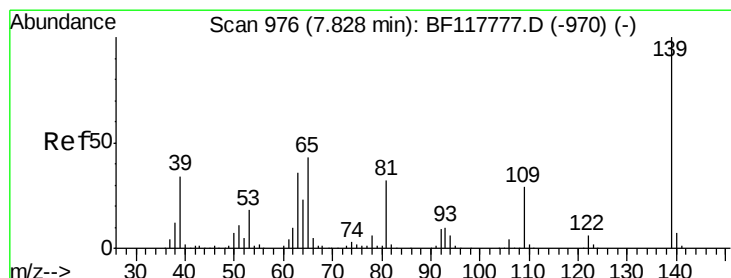
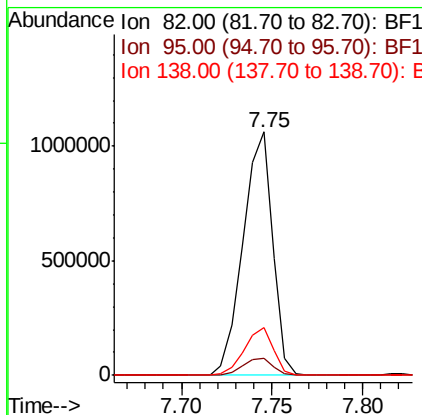
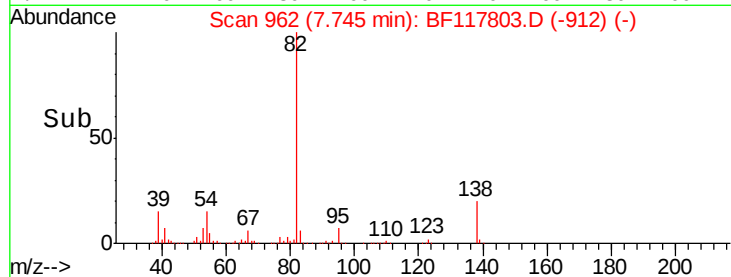
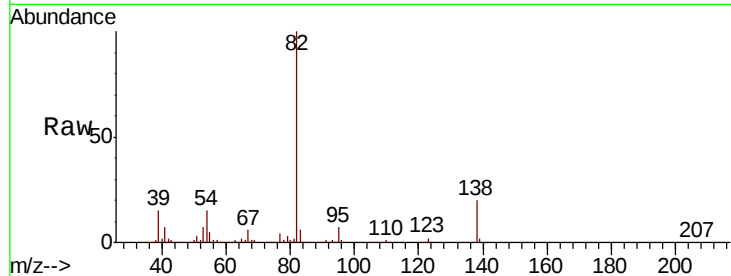
ClientSampleId :

PB124835BS

Tot Ion:	82	Resp:	1208681
Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.8	8.8
138	19.7	16.5	24.7

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.236 ng

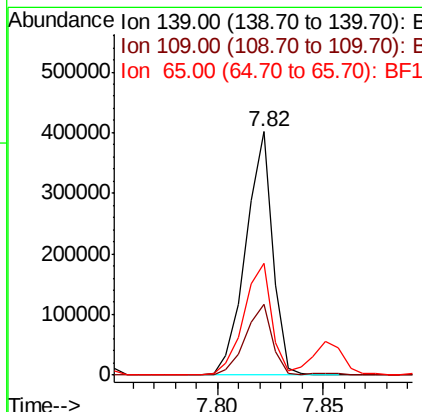
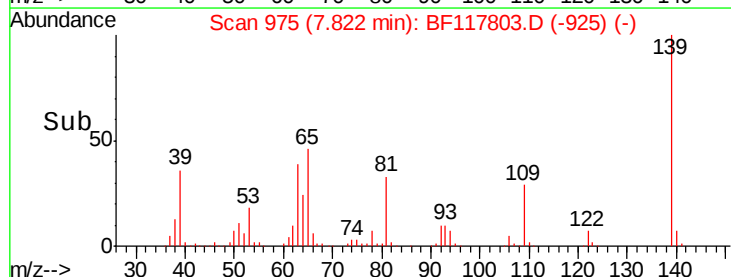
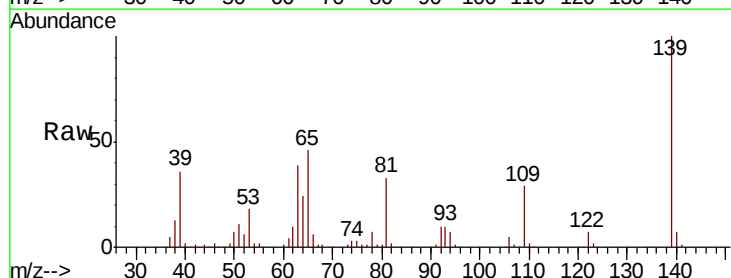
RT: 7.82 min Scan# 975

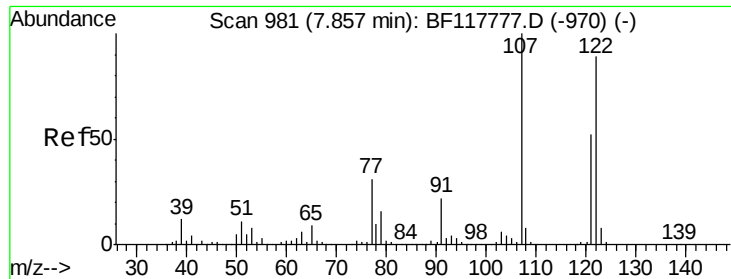
Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:	139	Resp:	355324
Ion	Ratio	Lower	Upper
139	100		
109	28.9	23.0	34.4
65	46.0	34.7	52.1





#27

2,4-Dimethylphenol

Concen: 46.803 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

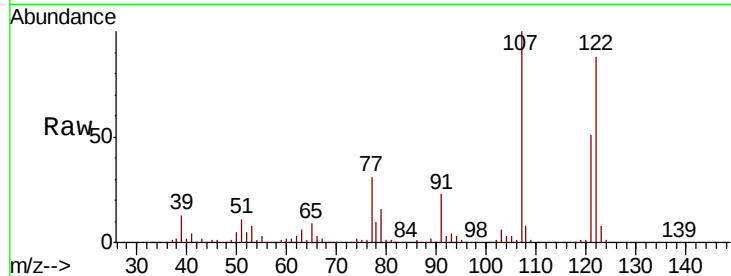
ClientSampleId :

PB124835BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	90.0	135.0
121	58.3	46.7	70.1

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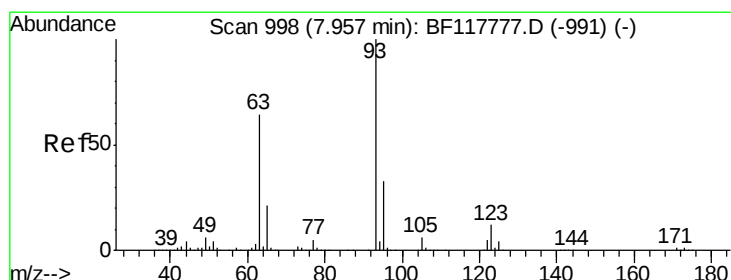
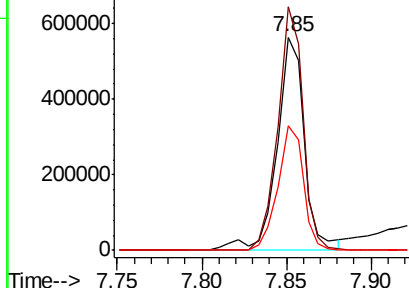
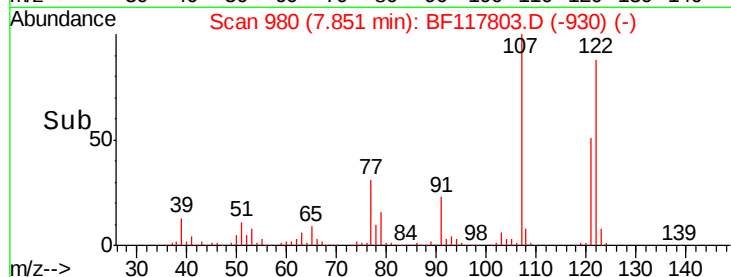


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.605 ng

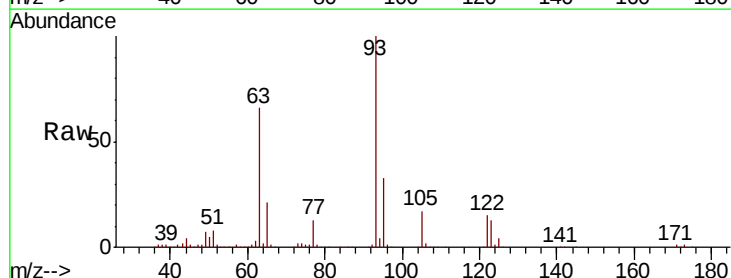
RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.6	40.0
123	13.0	10.3	15.5

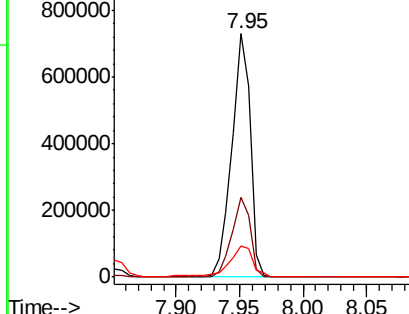
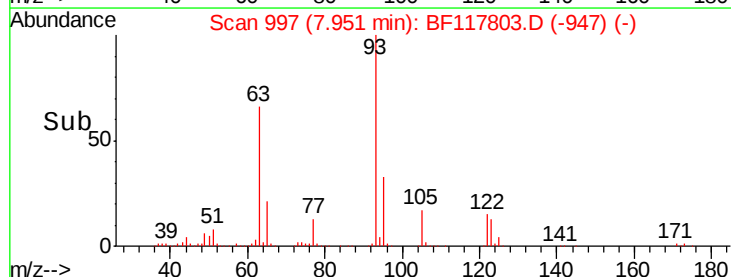


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





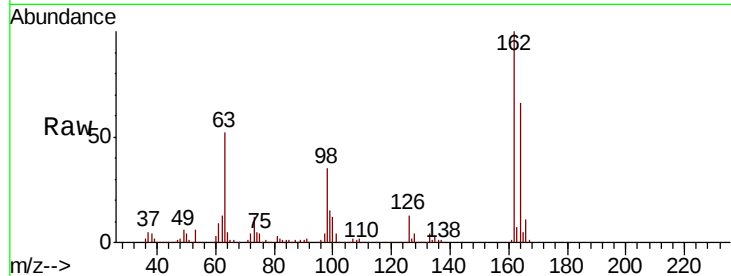
#29
2,4-Dichlorophenol
Concen: 38.420 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	557993		
164	65.6	45.1	85.1	
98	34.6	17.2	57.2	

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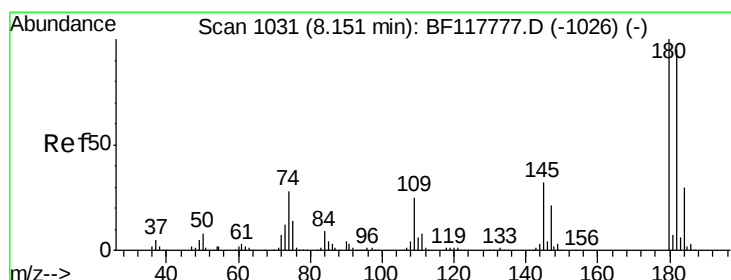
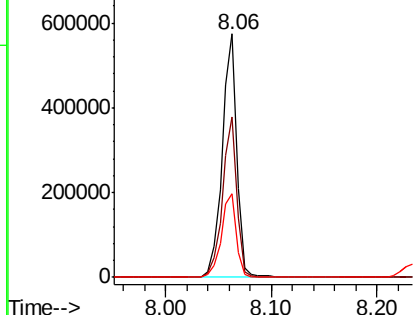
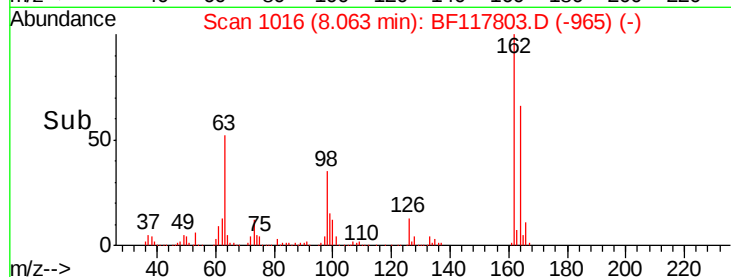


Abundance

Ion 162.00 (161.70 to 162.70): E

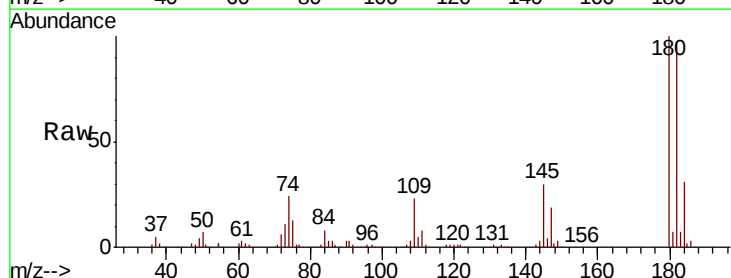
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 36.662 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	617622		
182	97.1	75.8	113.6	
145	29.8	25.5	38.3	

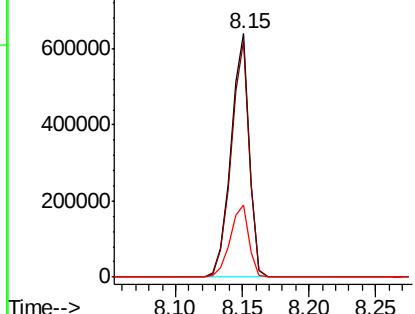
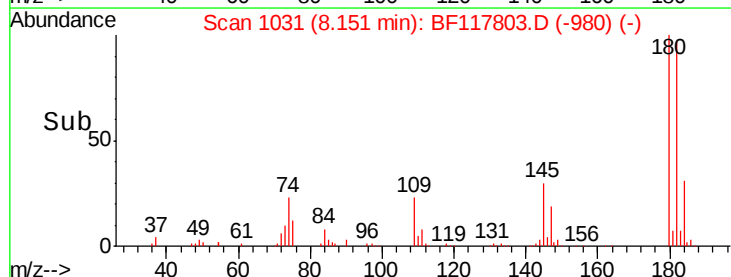


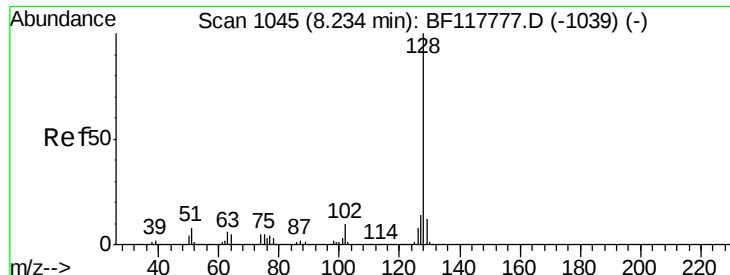
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





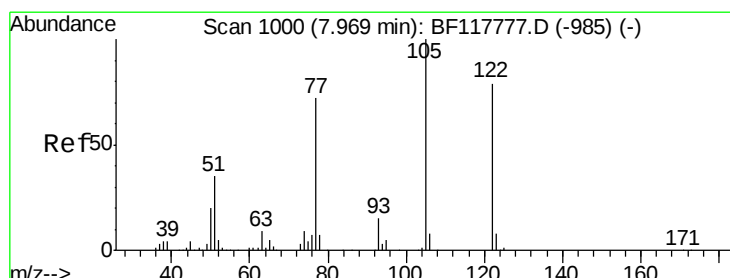
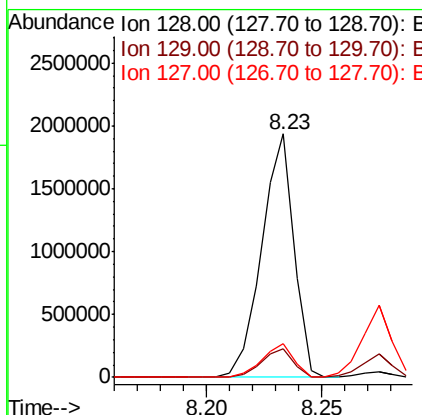
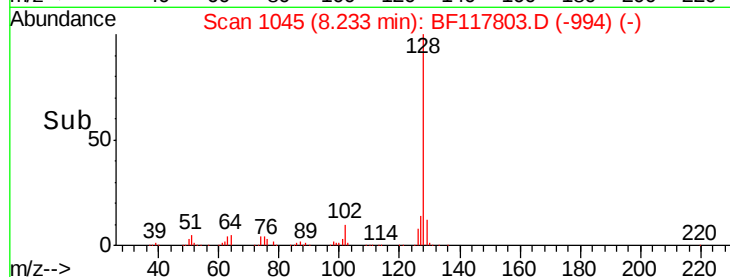
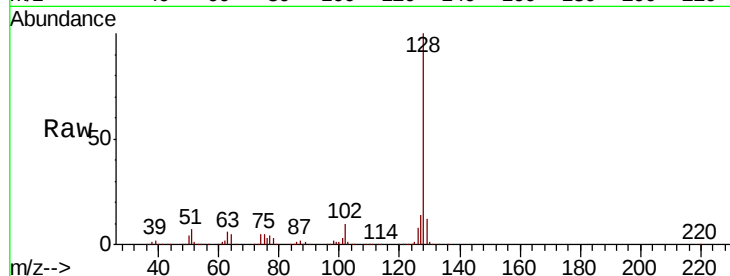
#31
Naphthalene
Concen: 39.583 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	14.1	11.3	16.9

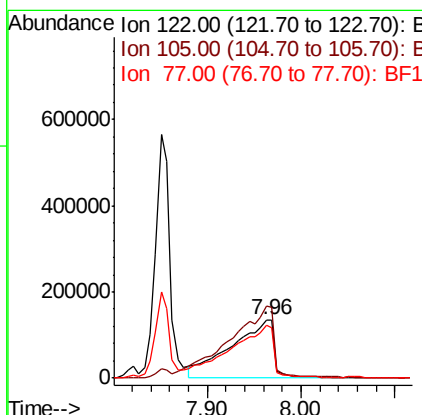
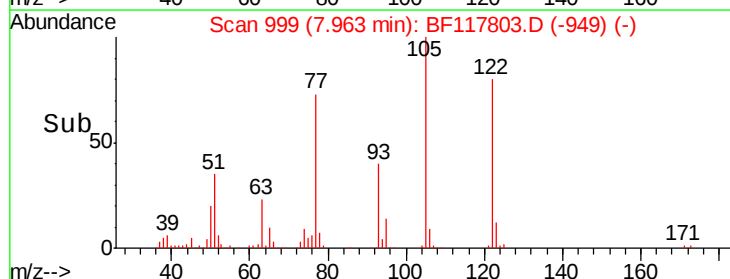
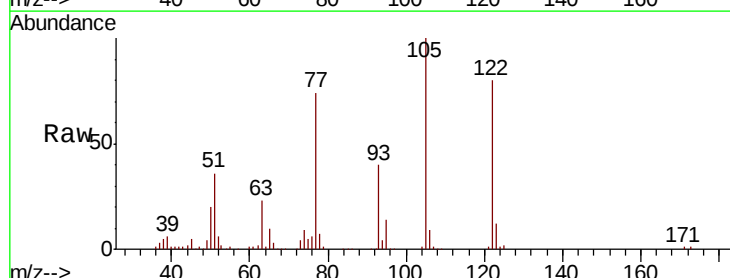
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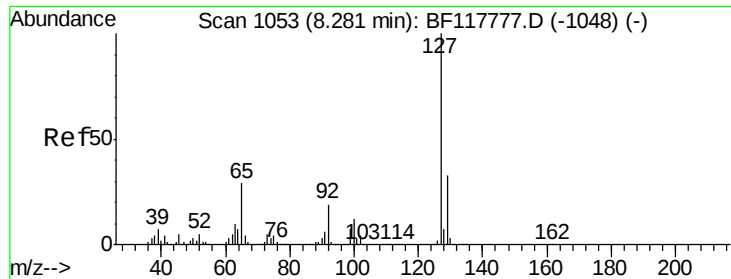
mohammad
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#32
Benzoic acid
Concen: 38.196 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.6	102.7	142.7
77	91.9	70.5	110.5





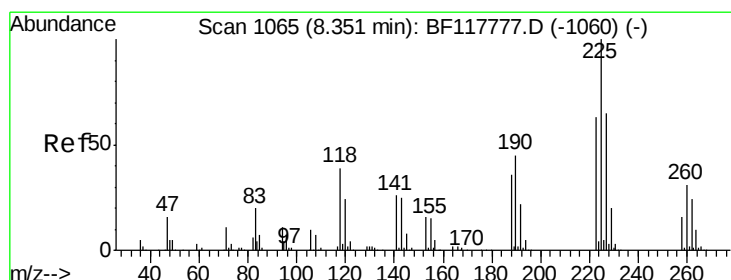
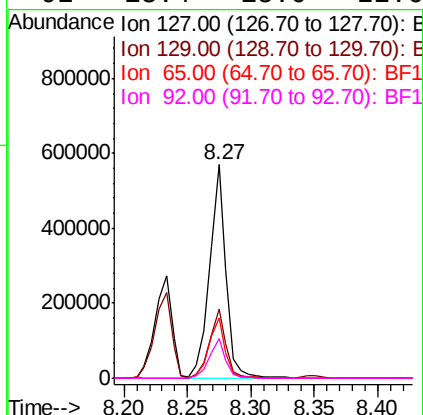
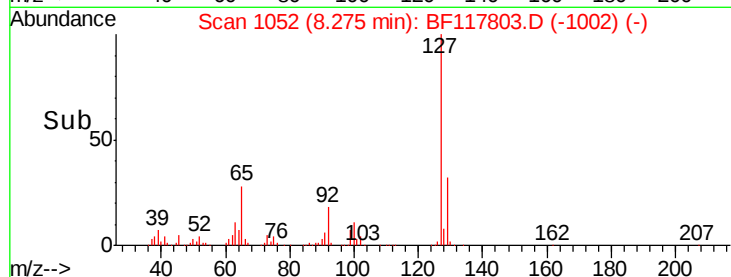
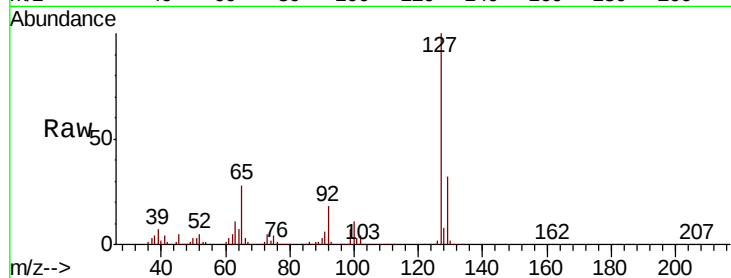
#33
4-Chloroaniline
Concen: 24.412 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.1	26.5	39.7	
65	28.0	22.9	34.3	
92	18.4	15.0	22.6	

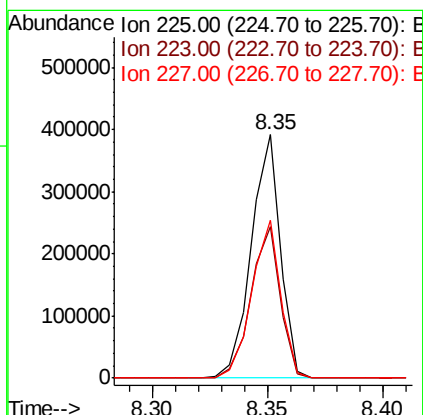
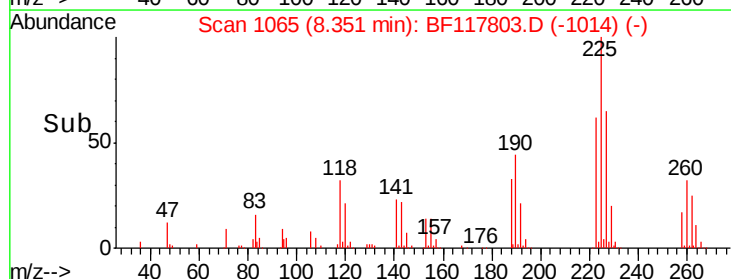
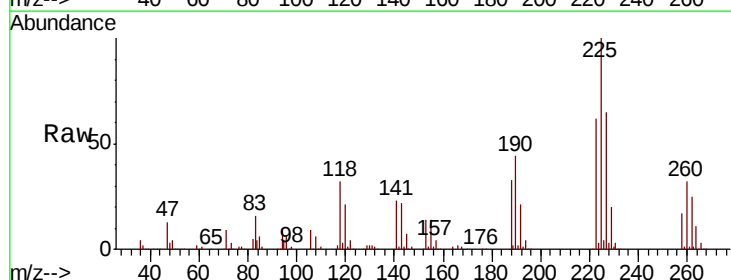
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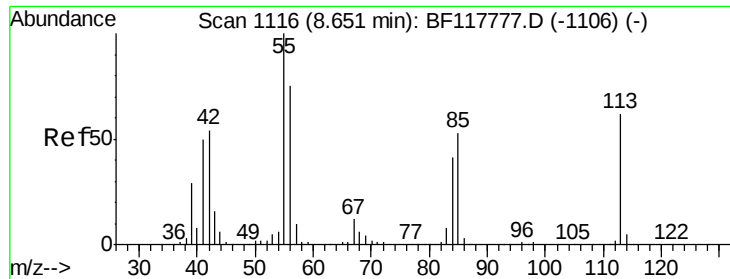
mohammad
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#34
Hexachlorobutadiene
Concen: 35.072 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.4	50.0	75.0	
227	65.0	51.8	77.6	





#35

Caprolactam

Concen: 40.396 ng/ml

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

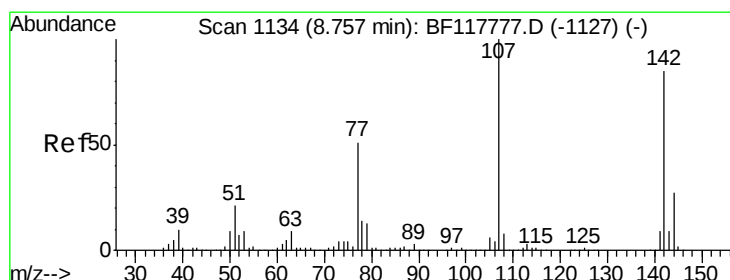
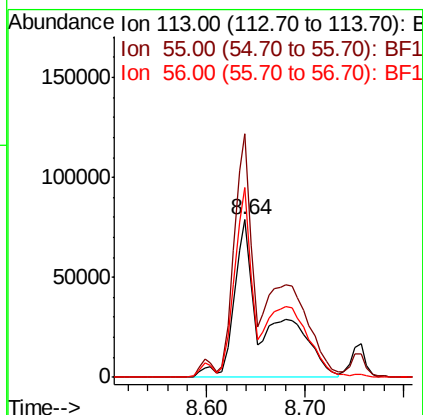
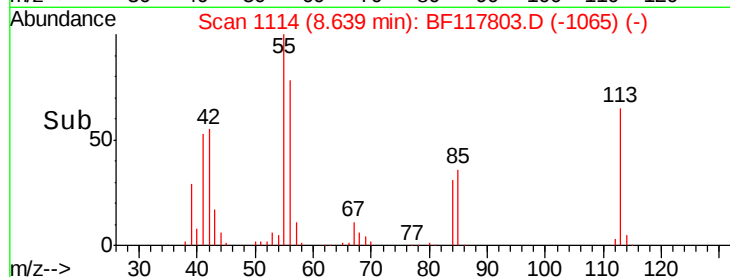
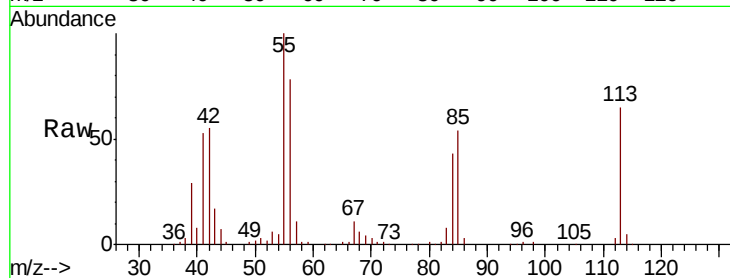
ClientSampleId :

PB124835BS

Tot Ion:	113	Resp:	186462
Ion Ratio	Lower	Upper	
113	100		
55	154.7	141.1	181.1
56	120.6	100.5	140.5

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#36

4-Chloro-3-methylphenol

Concen: 39.802 ng/ml

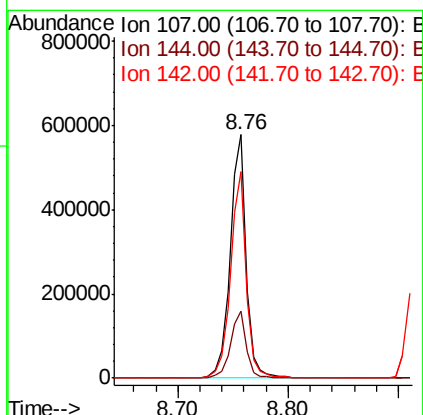
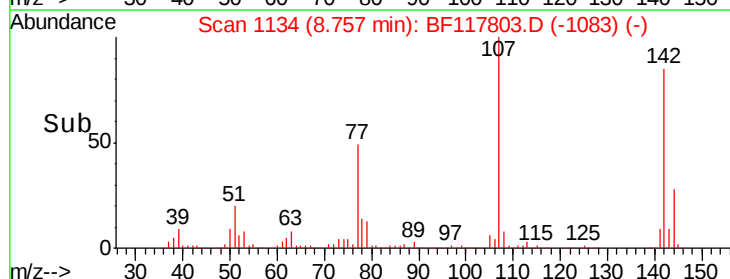
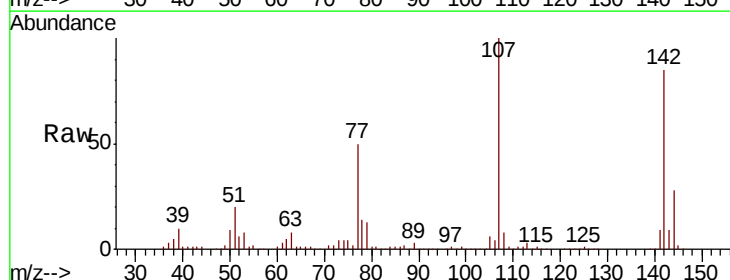
RT: 8.76 min Scan# 1134

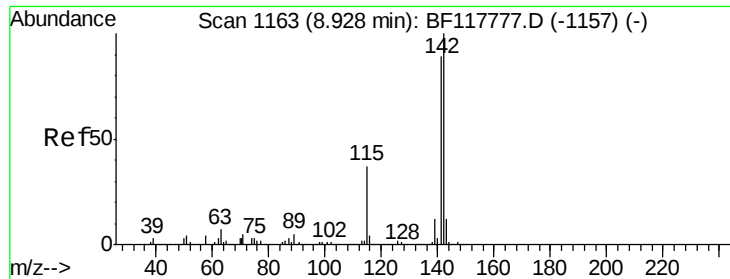
Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:	107	Resp:	586664
Ion Ratio	Lower	Upper	
107	100		
144	27.5	21.9	32.9
142	84.8	67.7	101.5





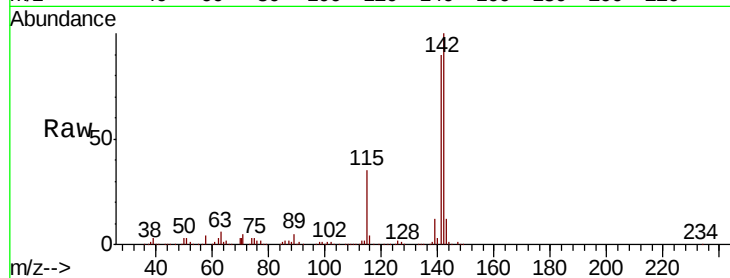
#37
2-Methylnaphthalene
Concen: 40.009 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.1	106.7
115	35.2	29.2	43.8

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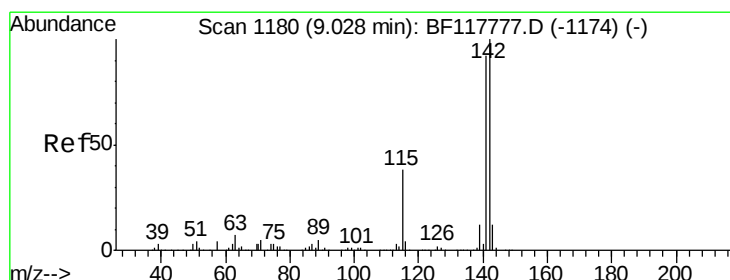
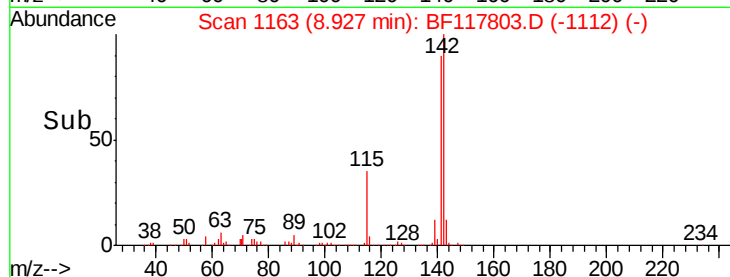
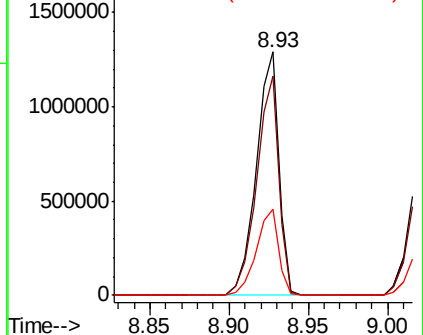


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.642 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

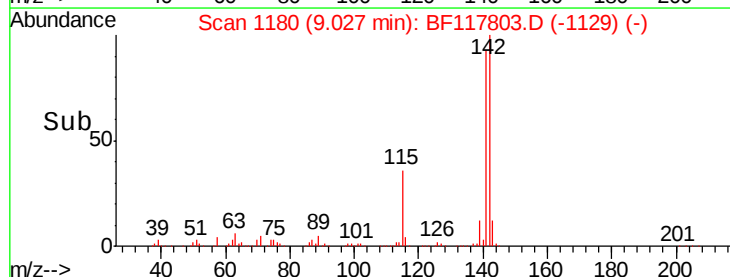
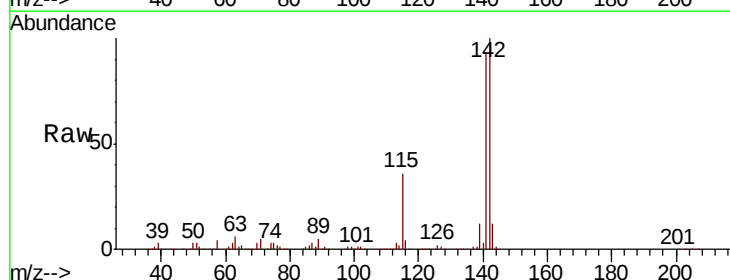
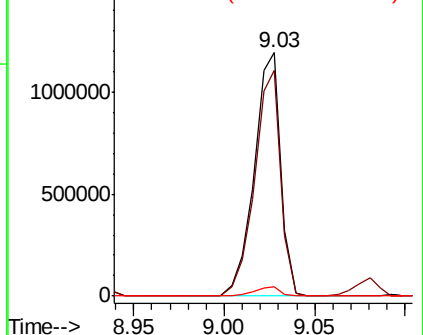
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.5	110.3
116	3.8	3.2	4.8

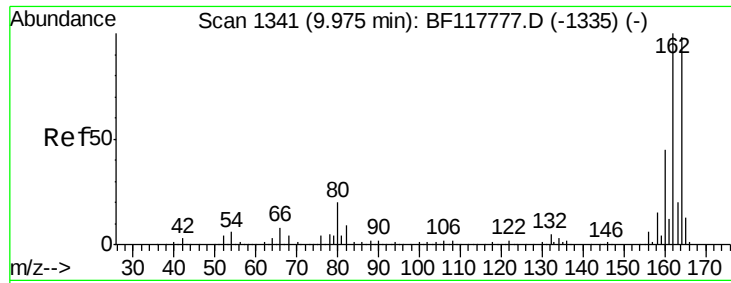
Abundance

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





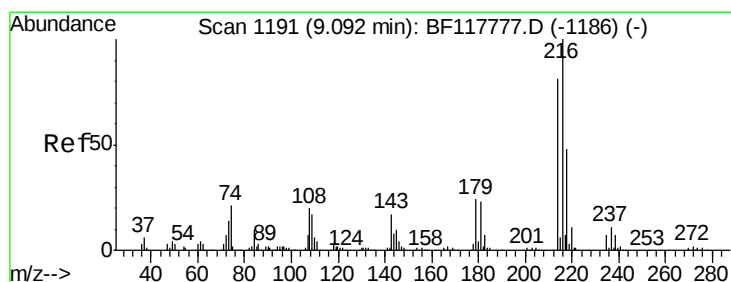
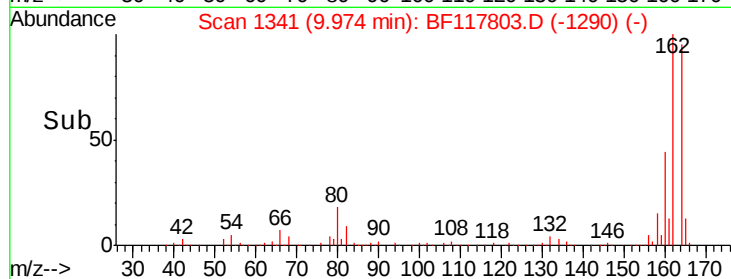
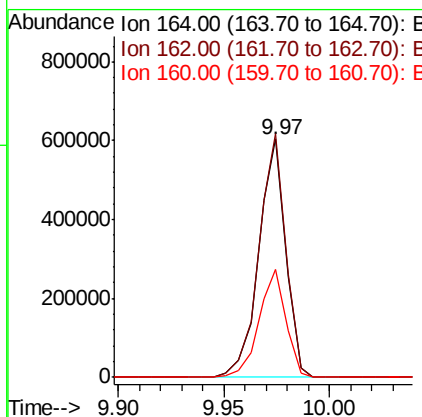
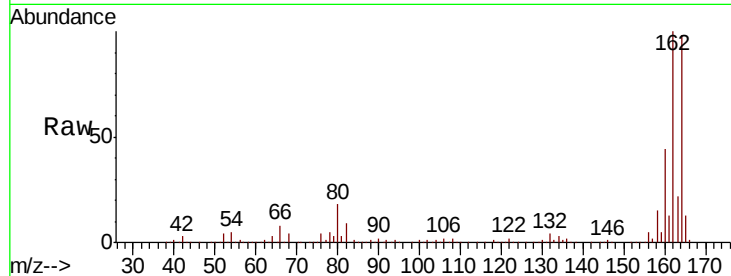
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.3	81.3	121.9
160	45.2	36.6	55.0

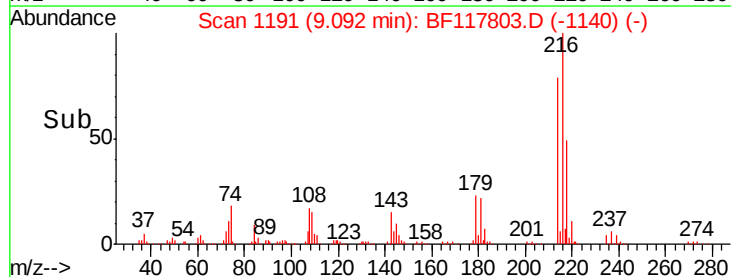
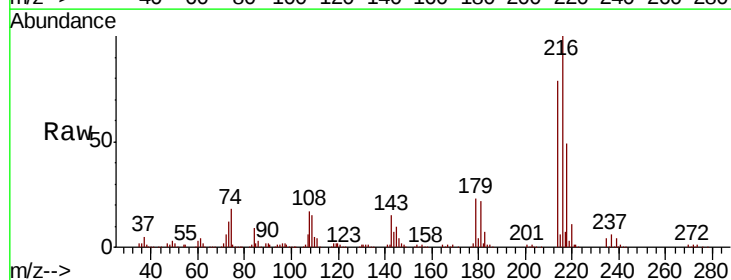
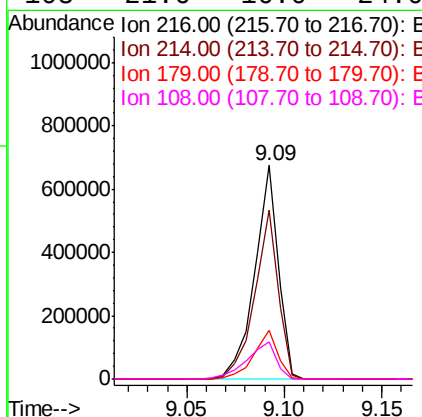
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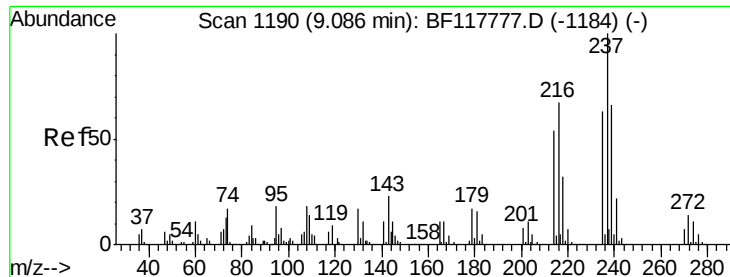
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.217 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
179	22.7	18.2	27.4
108	21.6	16.0	24.0





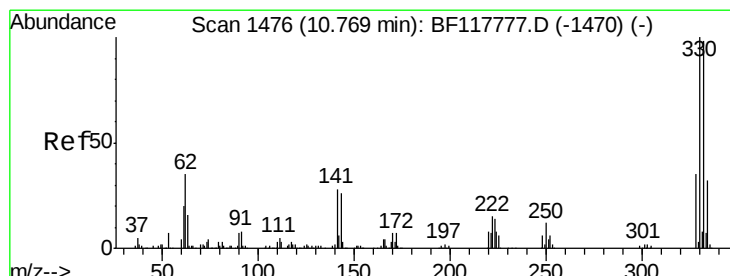
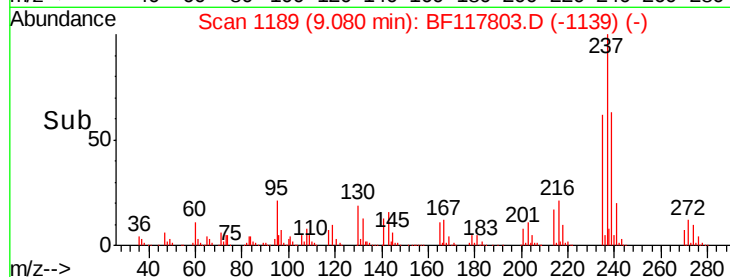
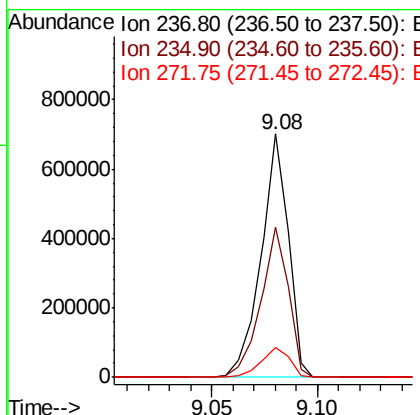
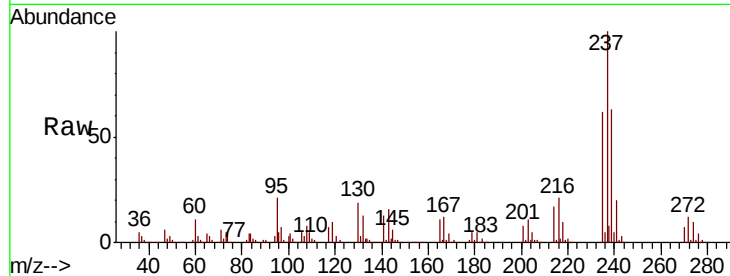
#41
Hexachlorocyclopentadiene
Concen: 72.118 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.6	42.6	82.6
272	12.4	0.0	34.3

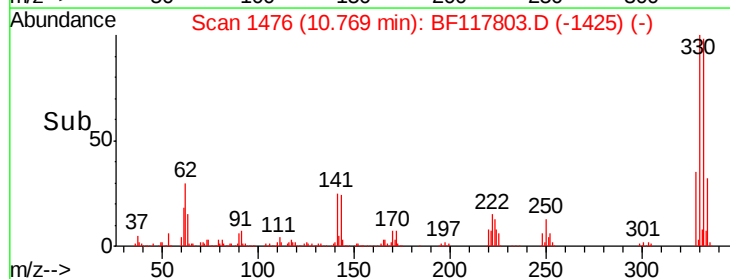
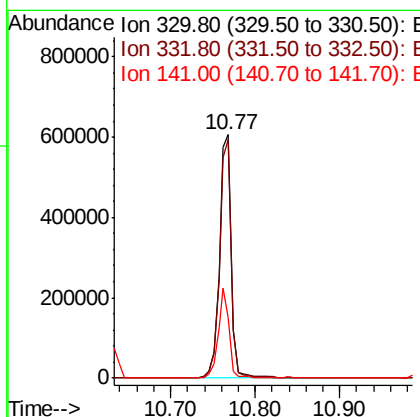
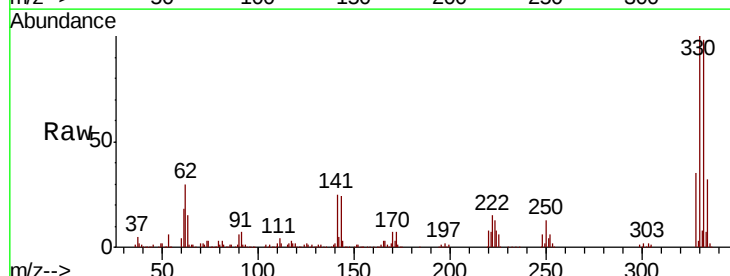
Manual Integrations
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#42
2,4,6-Tribromophenol
Concen: 105.886 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.6	76.7	115.1
141	34.3	27.7	41.5





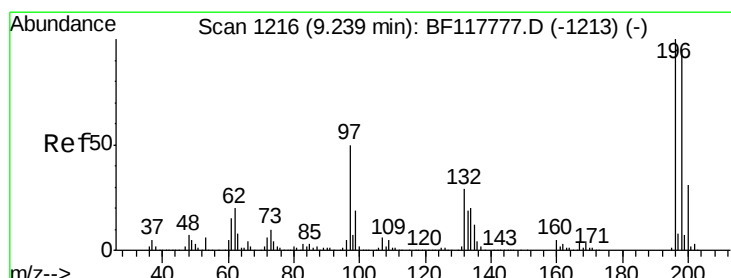
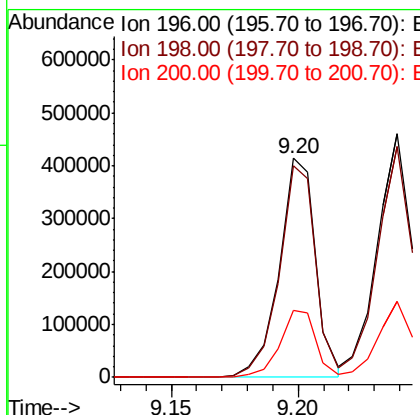
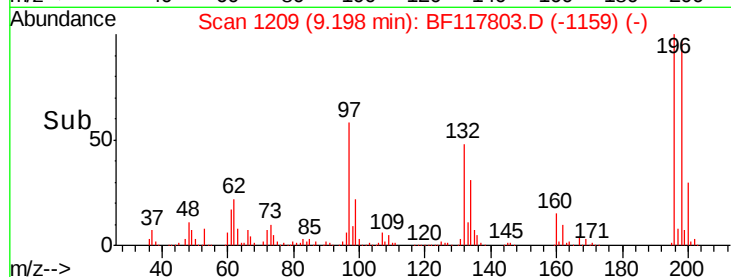
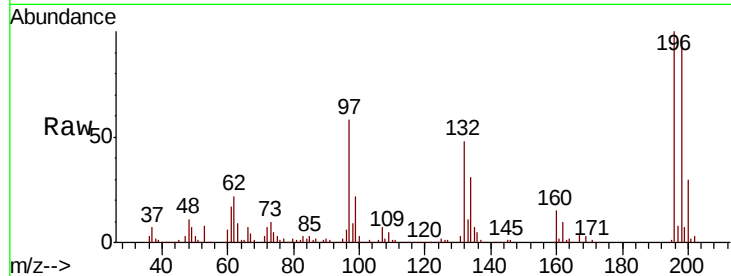
#43
 2,4,6-Trichlorophenol
 Concen: 37.132 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB124835BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	415711		
198	96.7	77.8	116.6	
200	30.5	25.4	38.0	

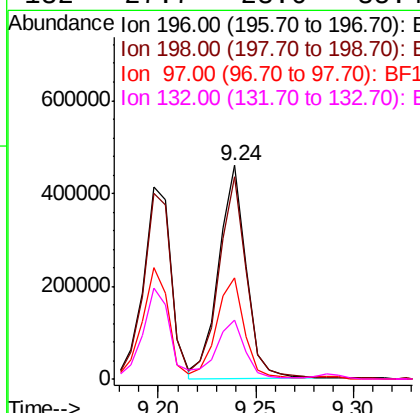
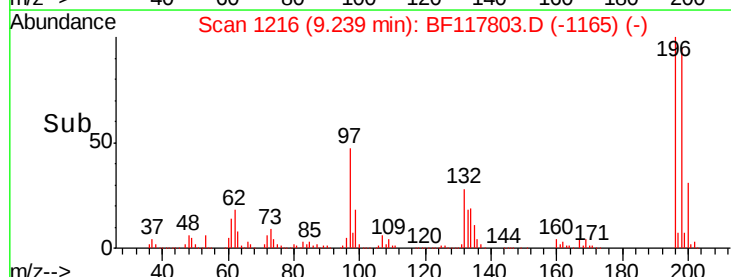
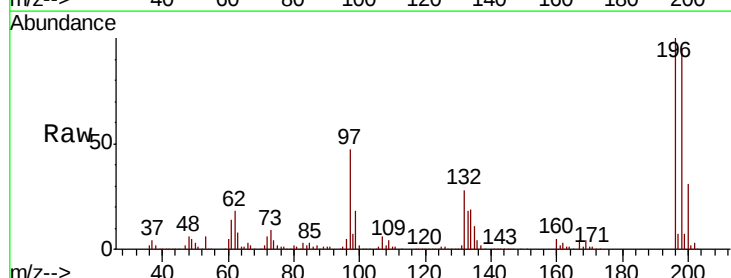
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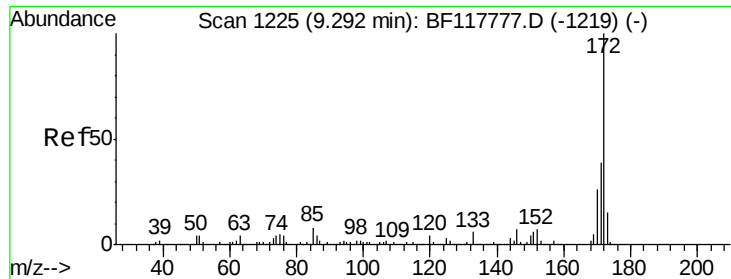
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 38.594 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	448624		
198	94.8	76.3	114.5	
97	47.2	40.0	60.0	
132	27.7	23.6	35.4	





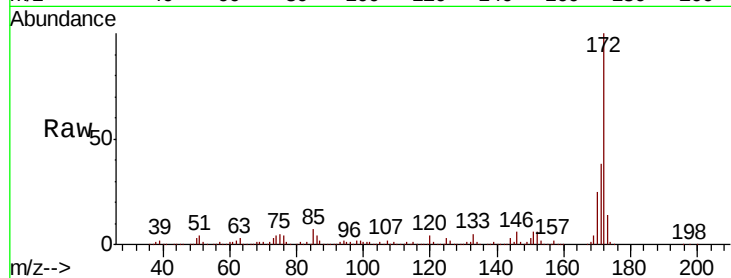
#45
2-Fluorobiphenyl
Concen: 67.479 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.9	46.3
170	25.2	21.0	31.4

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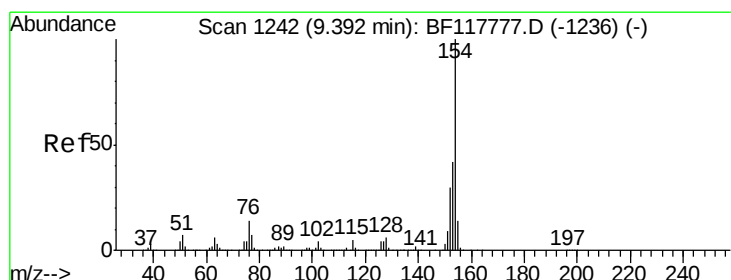
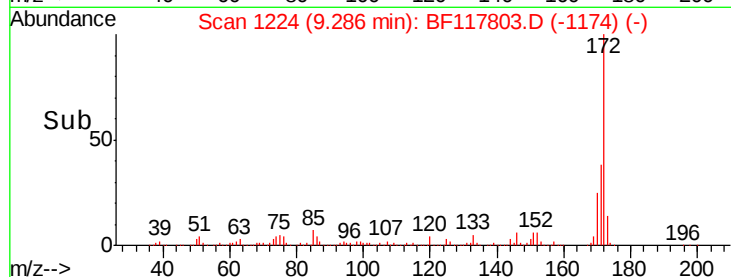
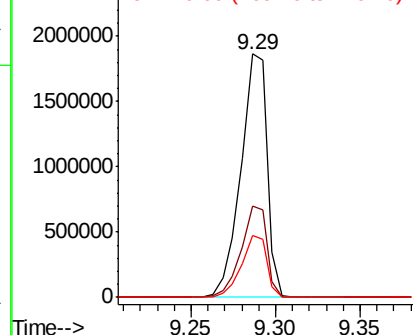


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.501 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

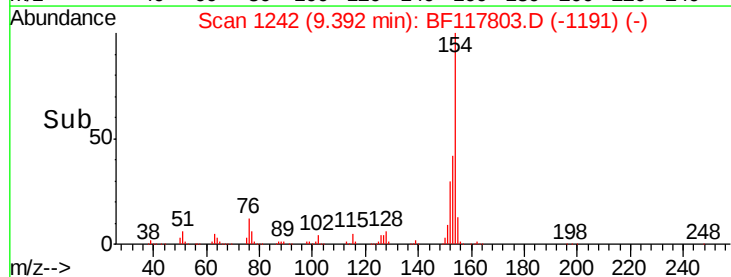
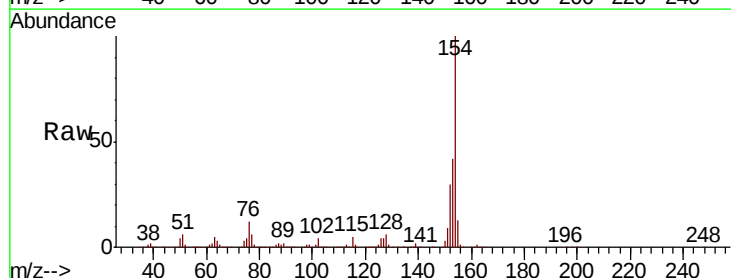
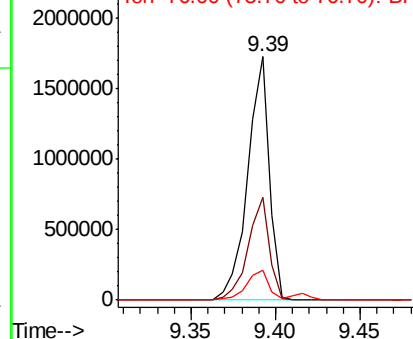
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.9	61.9
76	12.1	0.0	33.6

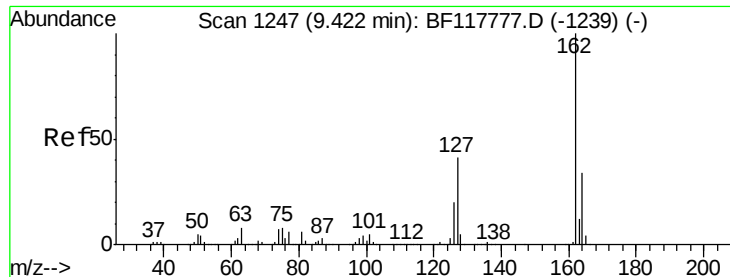
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





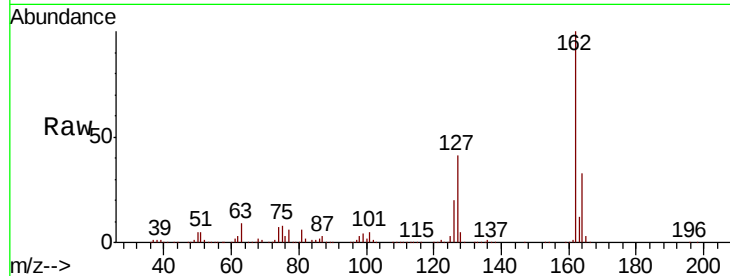
#47
 2-Chloronaphthalene
 Concen: 37.522 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB124835BS

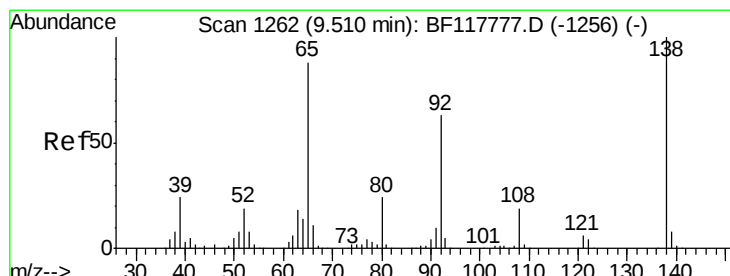
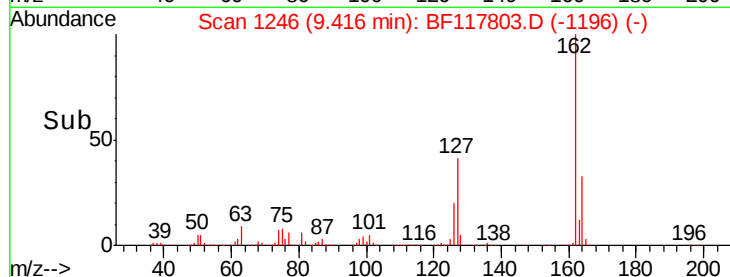
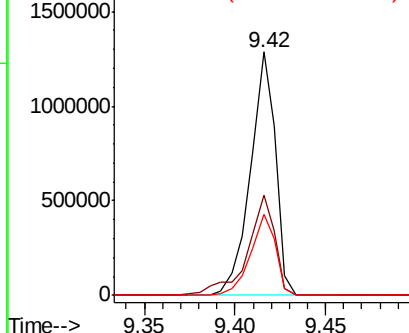
Tot Ion:	162	Resp:	1232592
Ion	Ratio	Lower	Upper
162	100		
127	41.1	33.2	49.8
164	33.3	27.3	40.9

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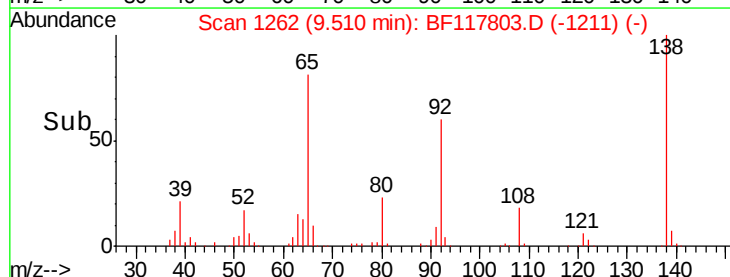
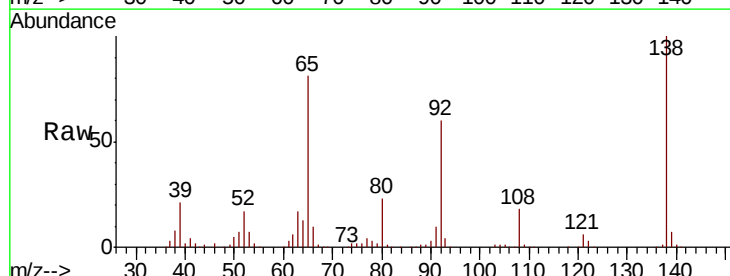
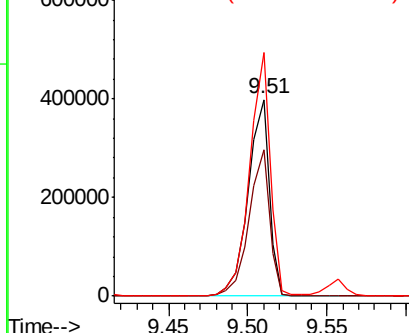
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

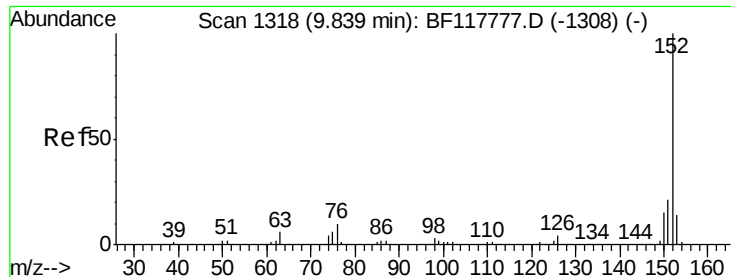


#48
 2-Nitroaniline
 Concen: 37.369 ng
 RT: 9.51 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion:	65	Resp:	370607
Ion	Ratio	Lower	Upper
65	100		
92	74.1	56.6	84.8
138	123.8	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: 39.992 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PB124835BS

Tot Ion:152 Resp: 1915372

Ion Ratio Lower Upper

152 100

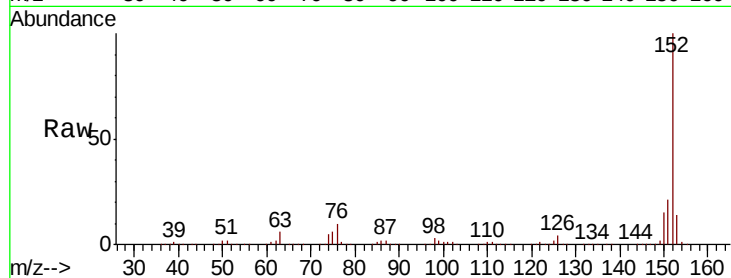
151 20.8 17.0 25.6

153 14.0 11.0 16.6

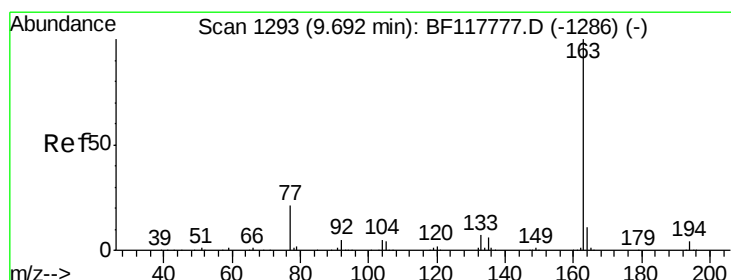
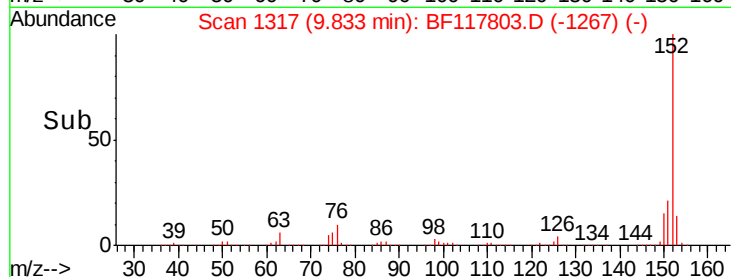
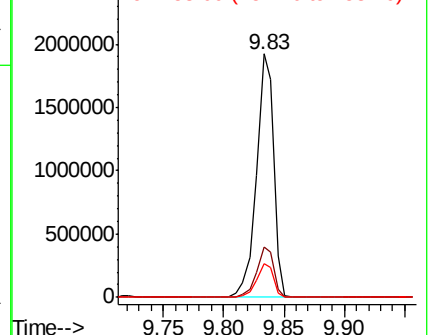
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 36.750 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

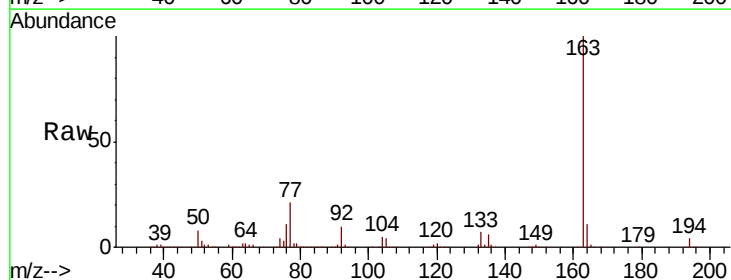
Tgt Ion:163 Resp: 1387066

Ion Ratio Lower Upper

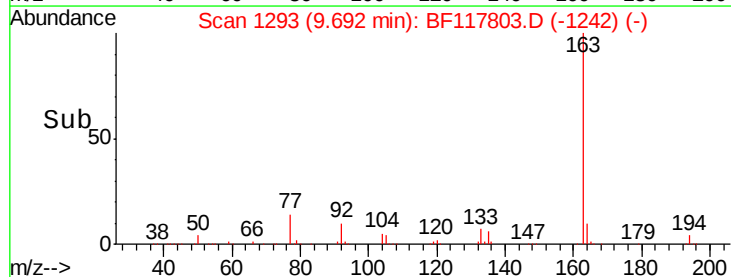
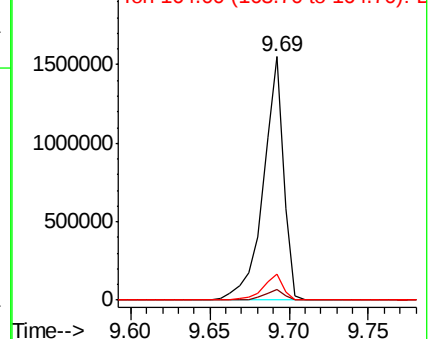
163 100

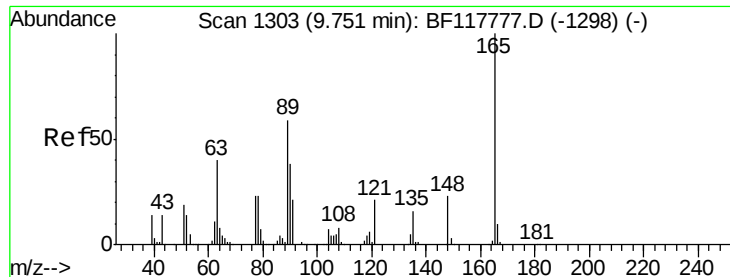
194 4.2 3.3 4.9

164 10.5 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





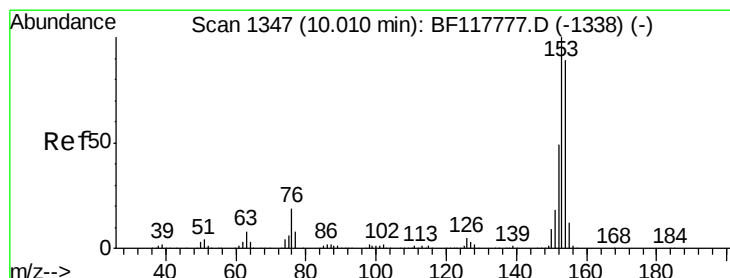
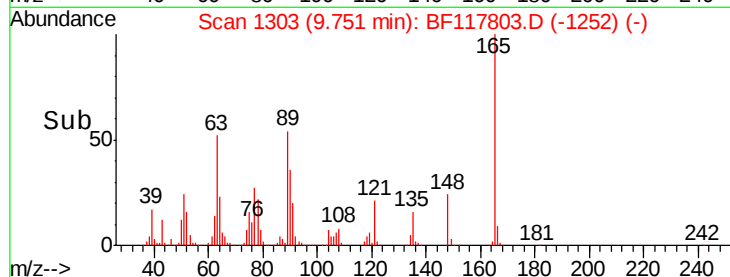
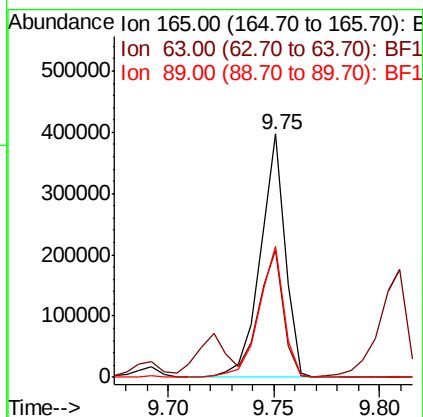
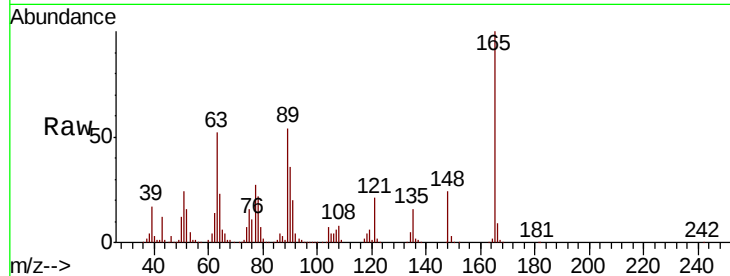
#51
2,6-Dinitrotoluene
Concen: 39.432 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.3	46.0	69.0
89	53.7	47.7	71.5

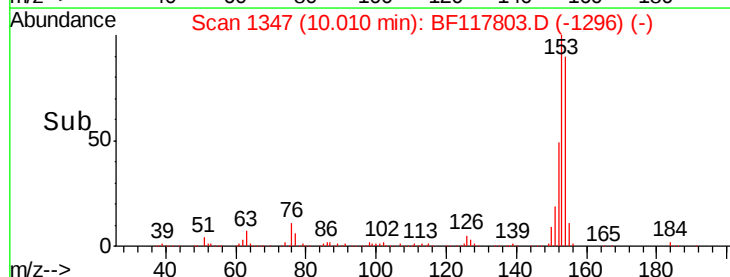
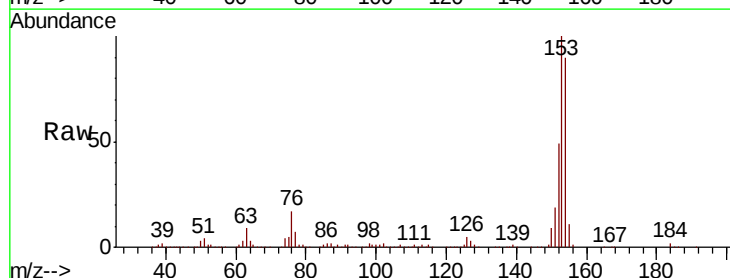
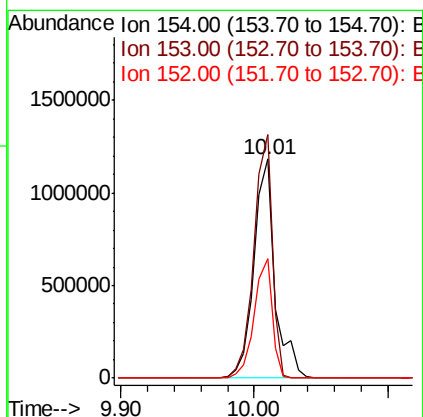
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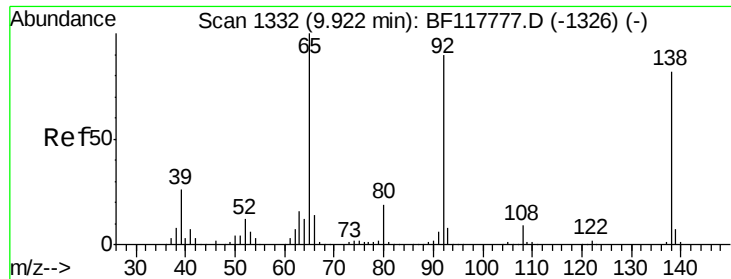
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#52
Acenaphthene
Concen: 41.438 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.1	90.1	135.1
152	54.2	44.0	66.0





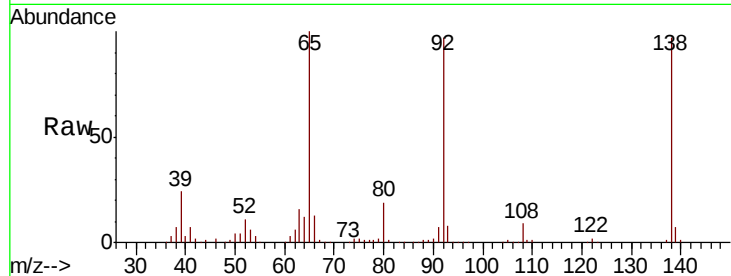
#53
3-Nitroaniline
Concen: 26.859 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

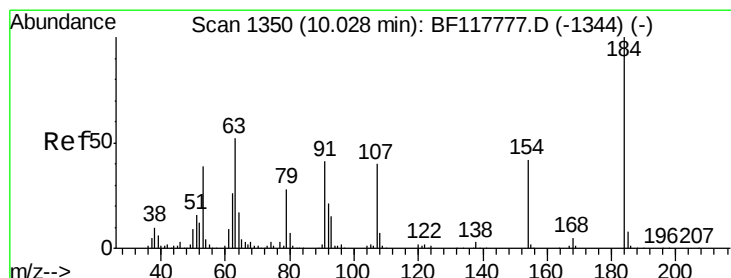
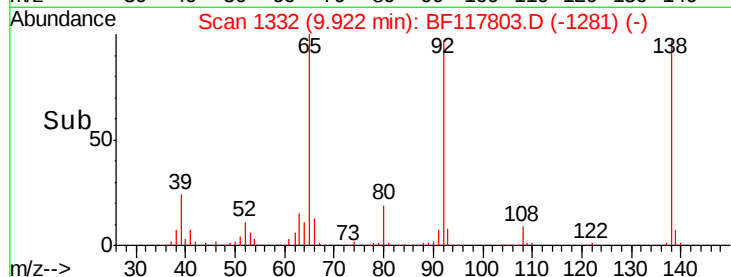
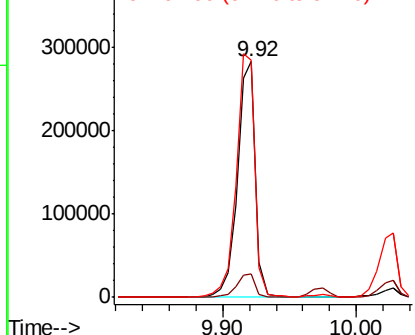
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.6	12.8
92	100.8	87.9	131.9

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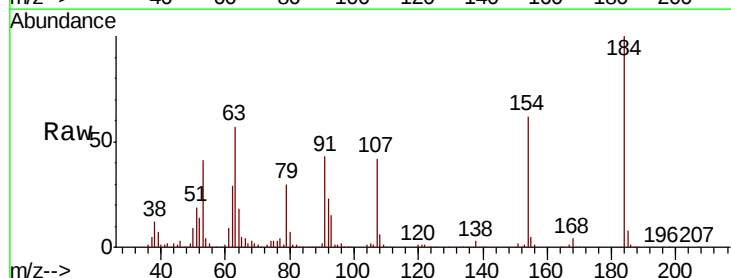


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

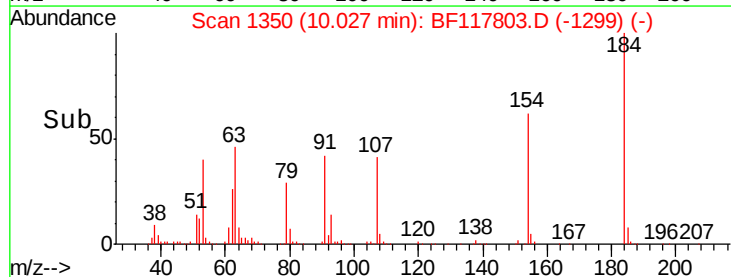
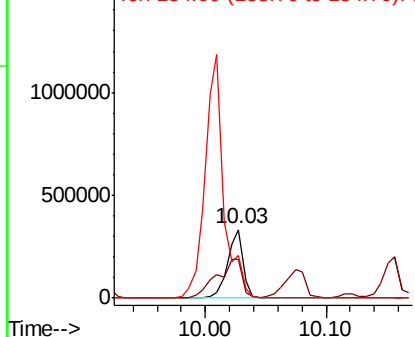


#54
2,4-Dinitrophenol
Concen: 70.322 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	43.0	64.6
154	61.6	48.0	72.0



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





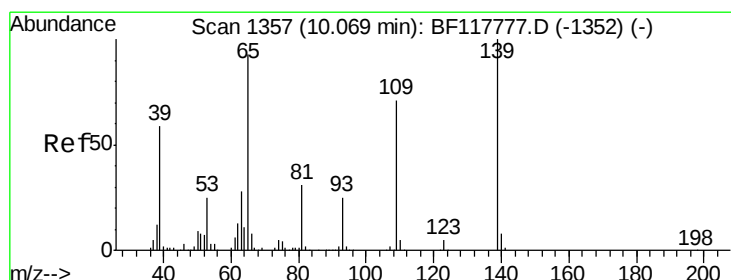
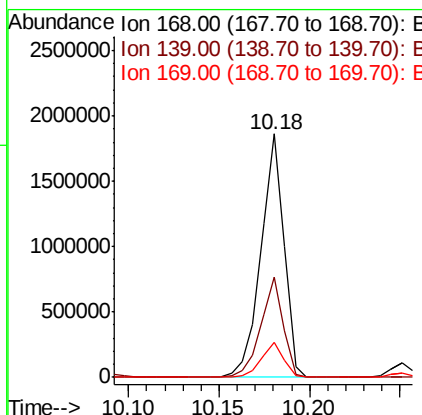
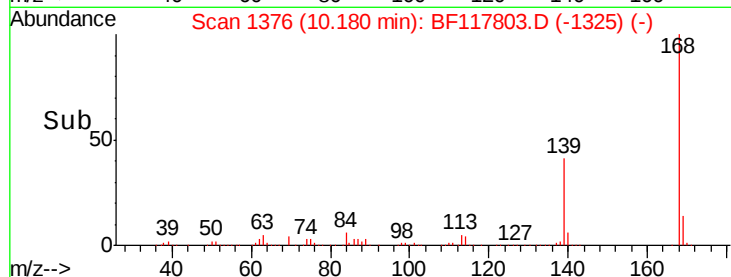
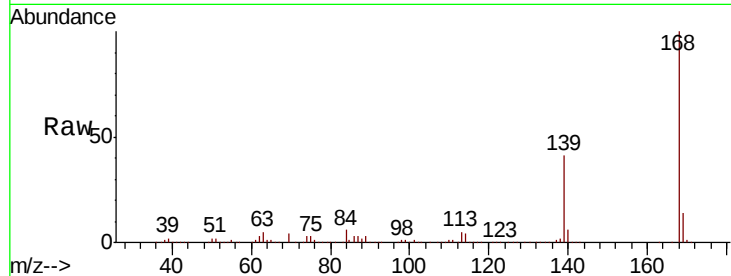
#55
Dibenzofuran
Concen: 39.013 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	33.0	49.6
169	14.1	11.5	17.3

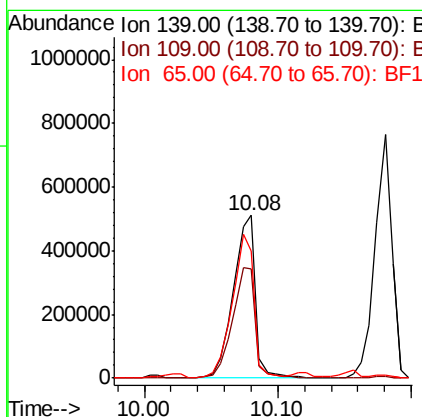
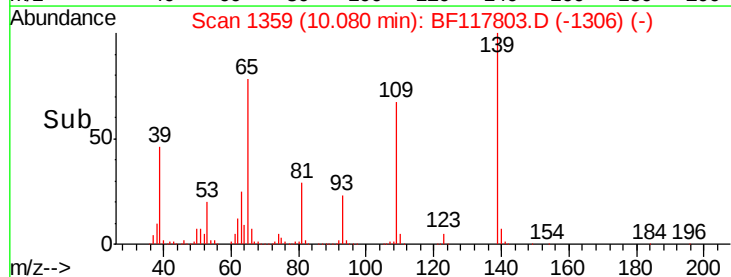
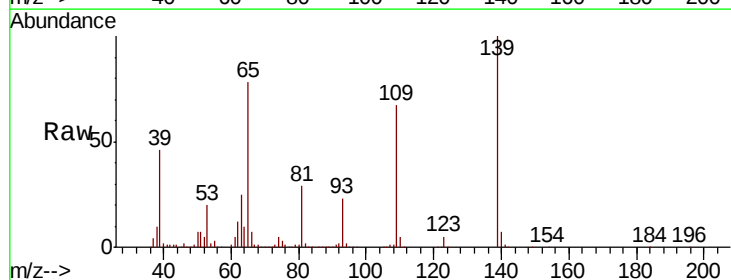
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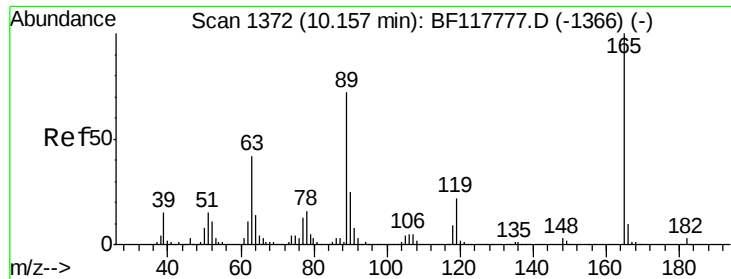
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#56
4-Nitrophenol
Concen: 80.704 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.3	50.8	90.8
65	78.1	73.6	113.6





#57

2,4-Dinitrotoluene

Concen: 40.951 ng

RT: 10.16 min Scan# 1372

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

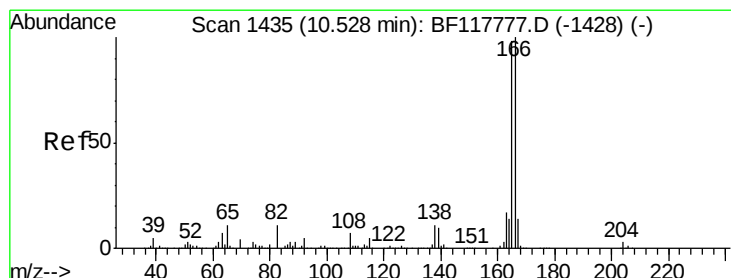
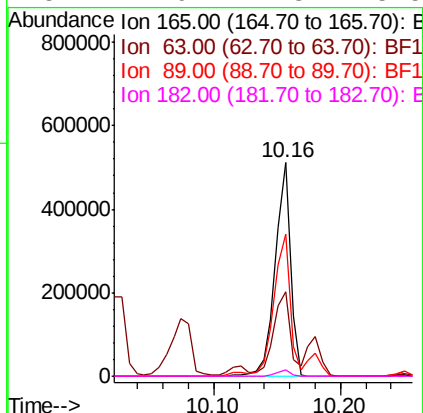
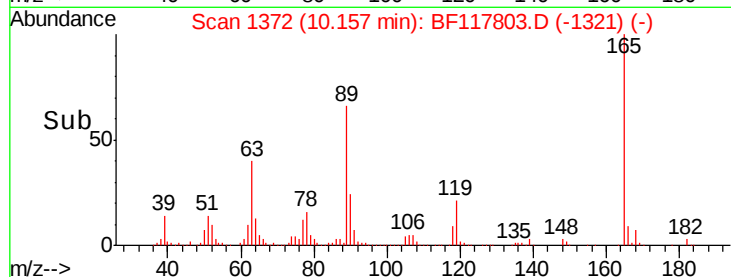
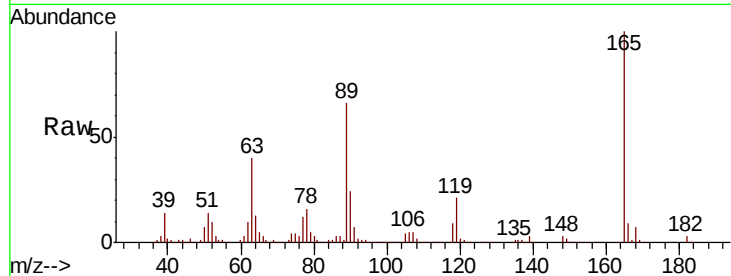
ClientSampleId :

PB124835BS

Tot Ion:	165	Resp:	429704
Ion Ratio	Lower	Upper	
165	100		
63	39.6	33.7	50.5
89	66.4	57.3	85.9
182	2.9	2.3	3.5

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#58

Fluorene

Concen: 38.009 ng

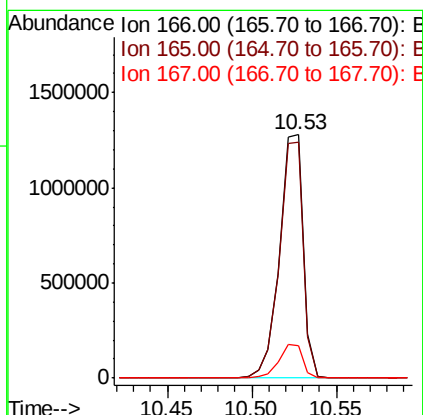
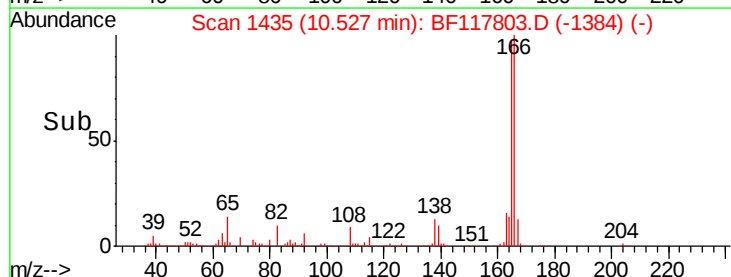
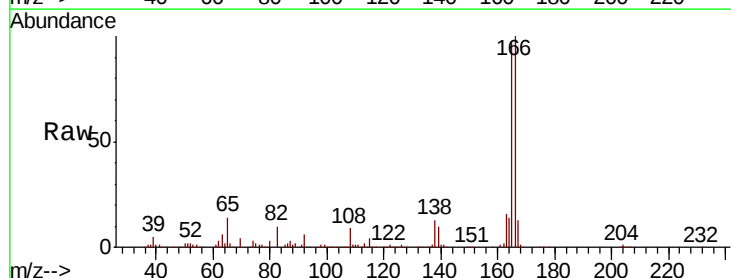
RT: 10.53 min Scan# 1435

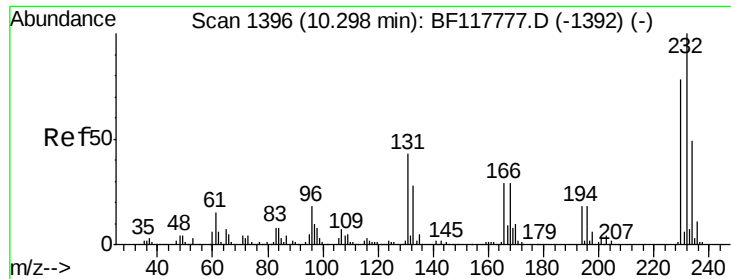
Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:	166	Resp:	1251350
Ion Ratio	Lower	Upper	
166	100		
165	96.8	78.4	117.6
167	13.4	11.0	16.4





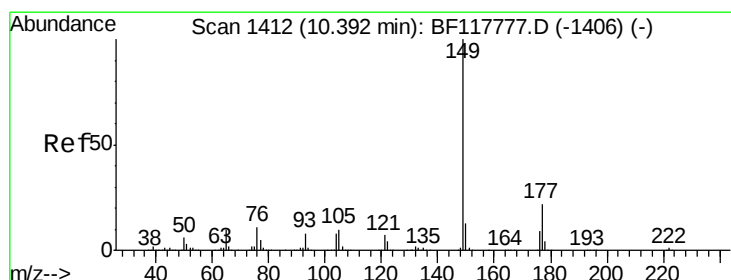
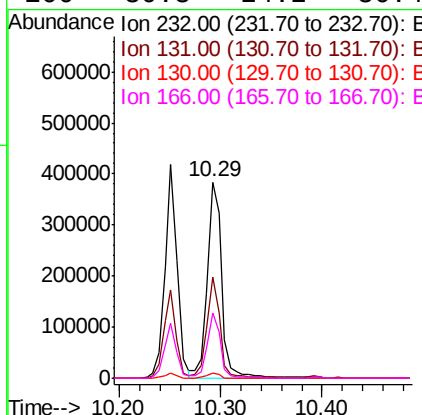
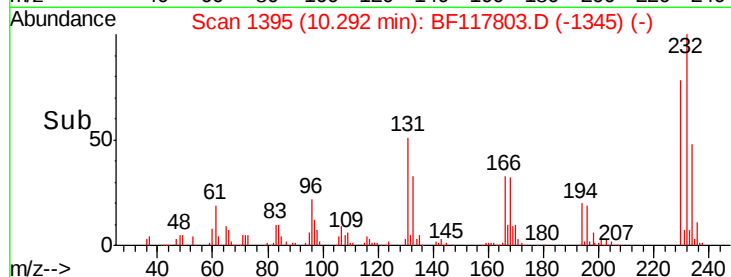
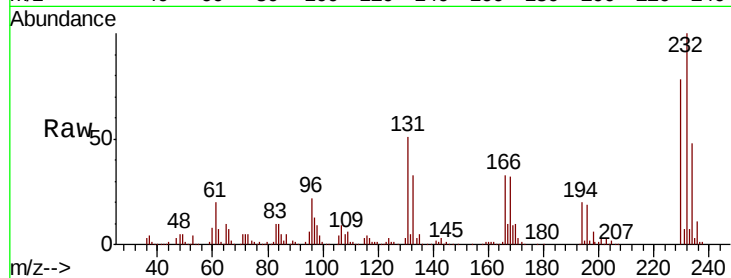
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.380 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
232	100		
131	46.9	37.6	56.4
130	2.4	1.9	2.9
166	30.3	24.2	36.4

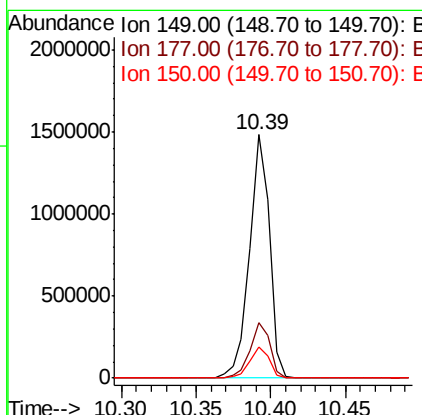
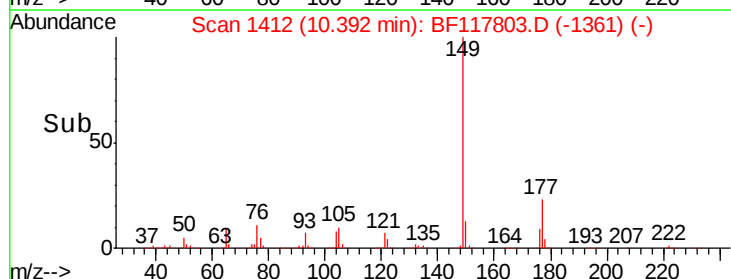
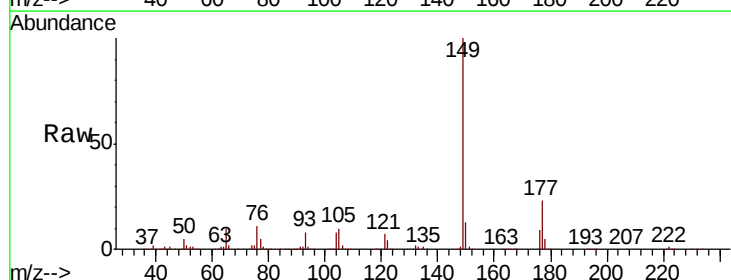
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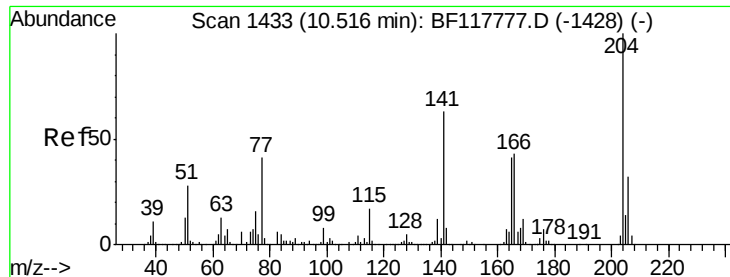
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#60
Diethylphthalate
Concen: 37.184 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.9	18.0	27.0
150	13.0	10.5	15.7





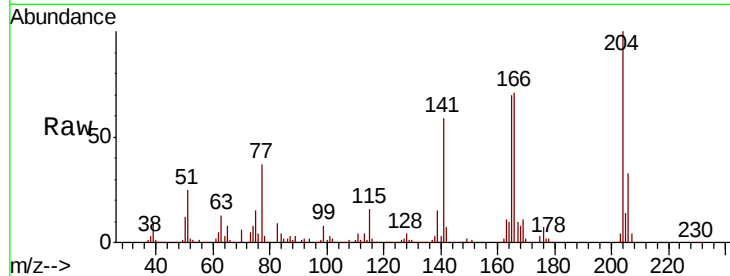
#61
 4-Chlorophenyl-phenylether
 Concen: 37.690 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB124835BS

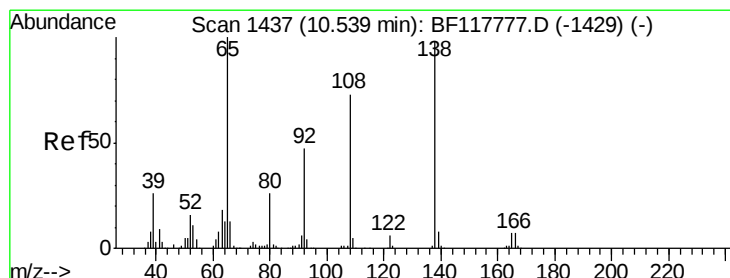
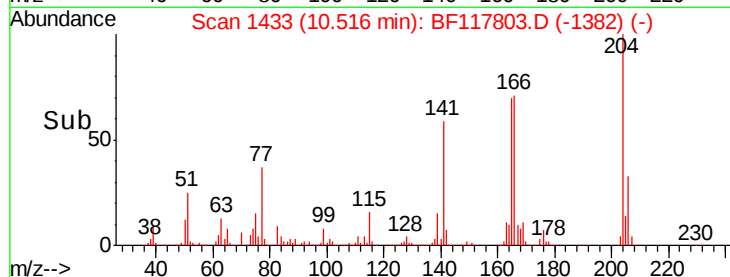
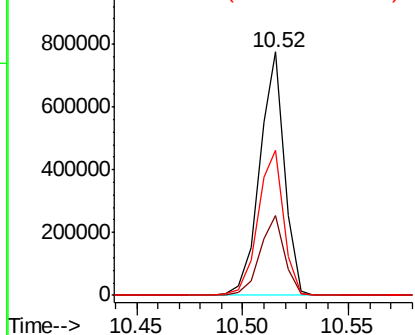
Tot Ion:	204	Resp:	629722
Ion Ratio	Lower	Upper	
204	100		
206	32.7	25.6	38.4
141	59.4	50.7	76.1

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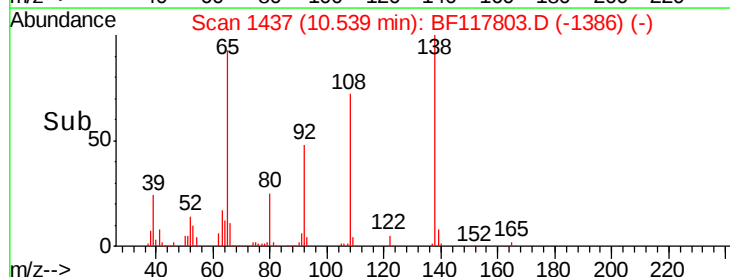
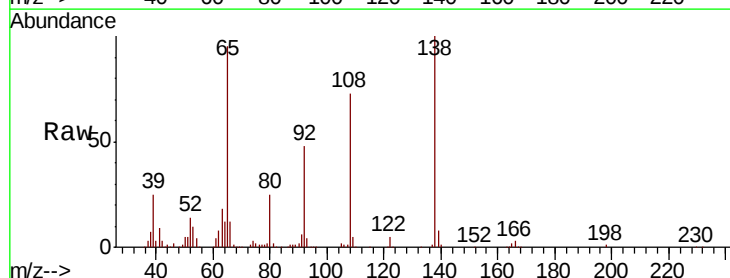
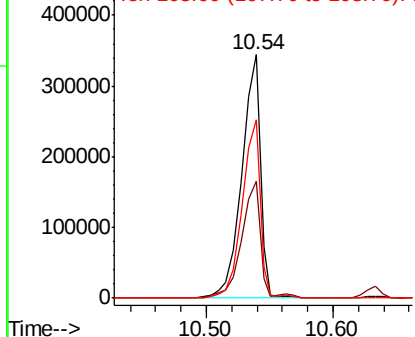
Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

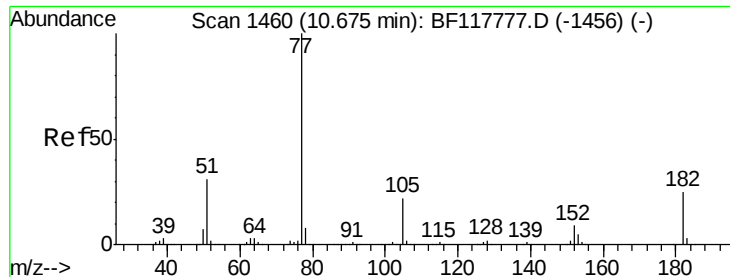


#62
 4-Nitroaniline
 Concen: 35.442 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion:	138	Resp:	350269
Ion Ratio	Lower	Upper	
138	100		
92	47.9	28.3	68.3
108	73.2	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





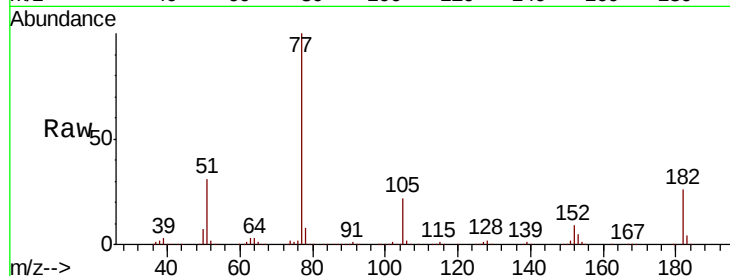
#63
Azobenzene
Concen: 38.337 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.3	4.8	44.8
105	22.2	2.1	42.1
51	30.8	11.4	51.4

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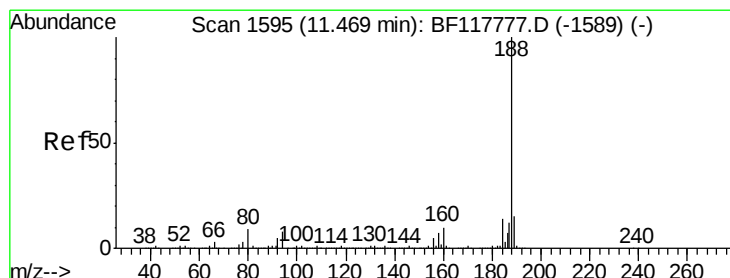
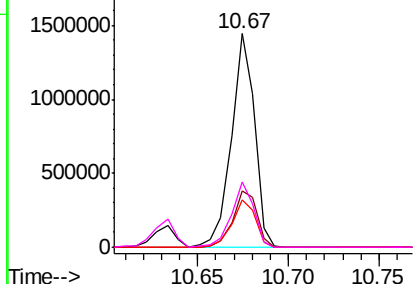
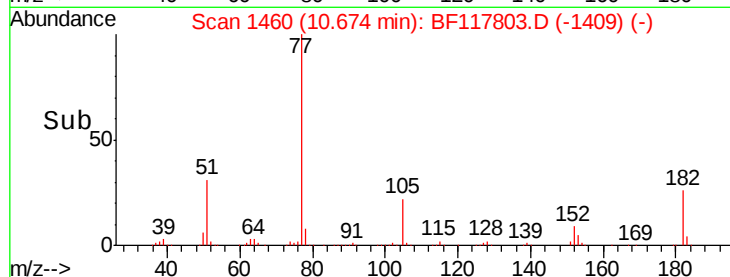
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

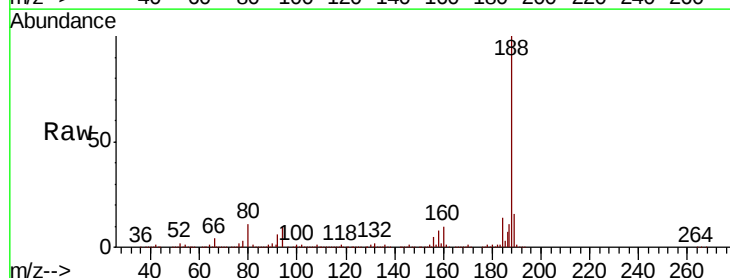
Ion 105.00 (104.70 to 105.70): E

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: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	6.6	10.0
80	10.5	7.2	10.8

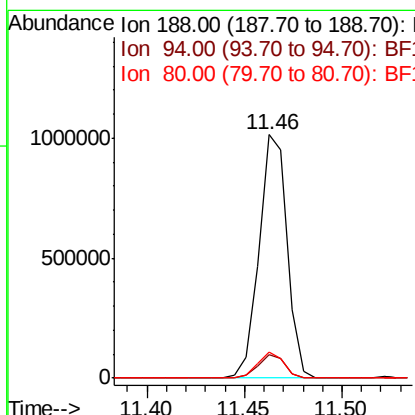
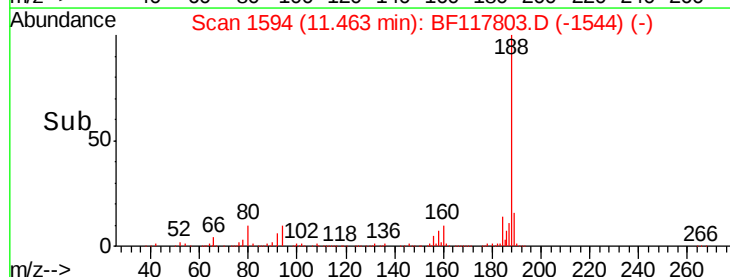


Abundance

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: 43.393 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

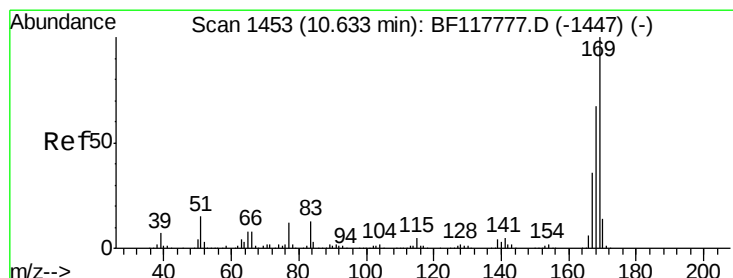
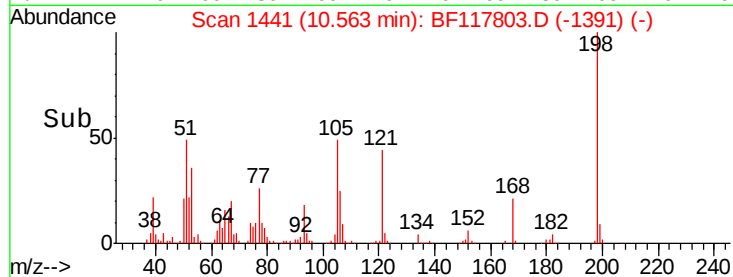
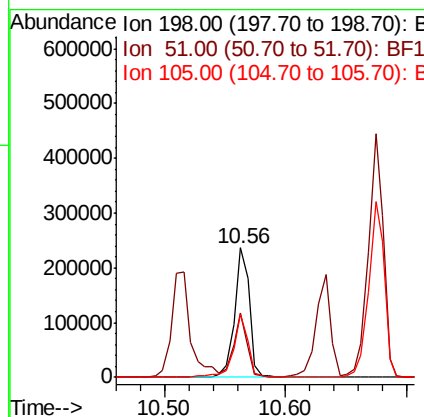
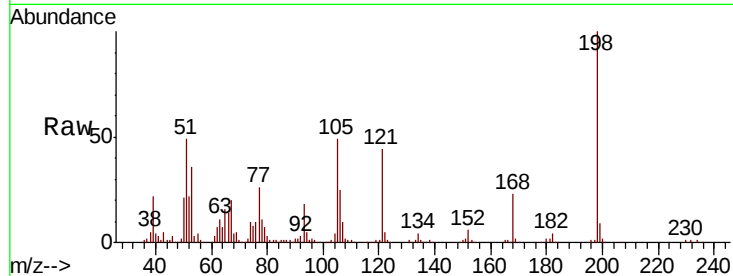
ClientSampleId :

PB124835BS

Tot Ion:	198	Resp:	203821
Ion Ratio	Lower	Upper	
198	100		
51	49.3	16.0	56.0
105	48.9	19.1	59.1

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#66

n-Nitrosodiphenylamine

Concen: 38.897 ng

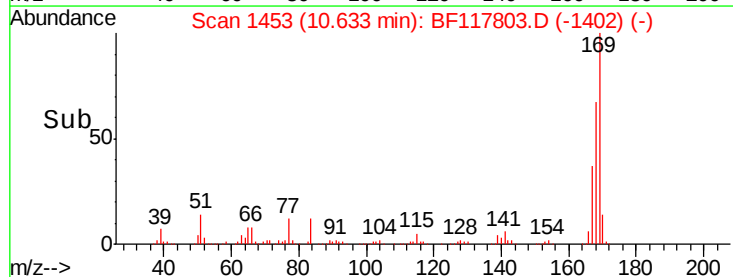
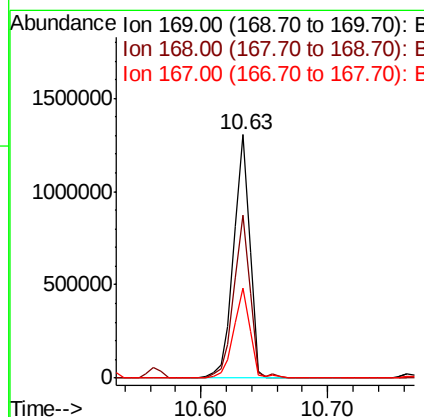
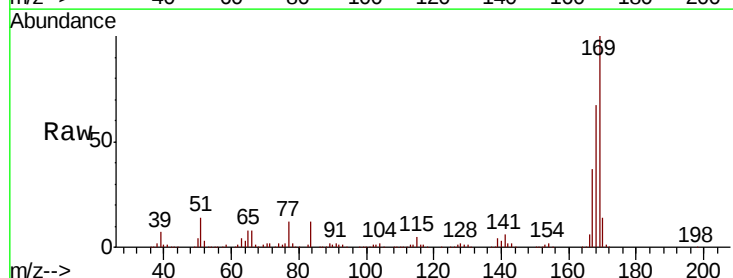
RT: 10.63 min Scan# 1453

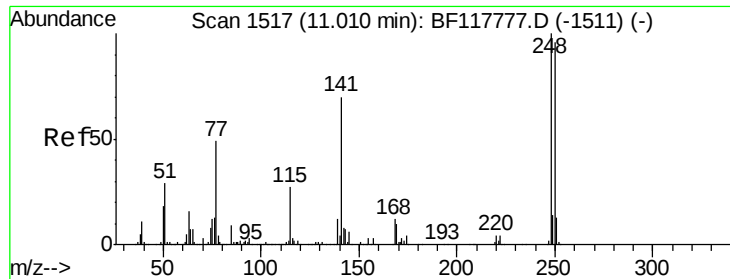
Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:	169	Resp:	1138989
Ion Ratio	Lower	Upper	
169	100		
168	67.0	53.5	80.3
167	36.9	29.0	43.4





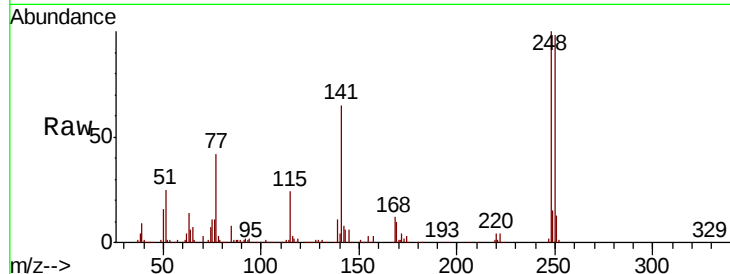
#67
4-Bromophenyl-phenylether
Concen: 36.956 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.6	115.0
141	64.5	55.9	83.9

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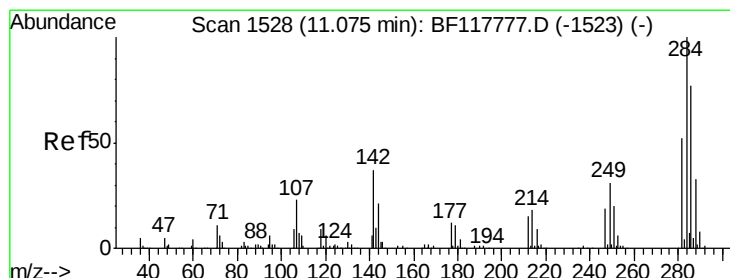
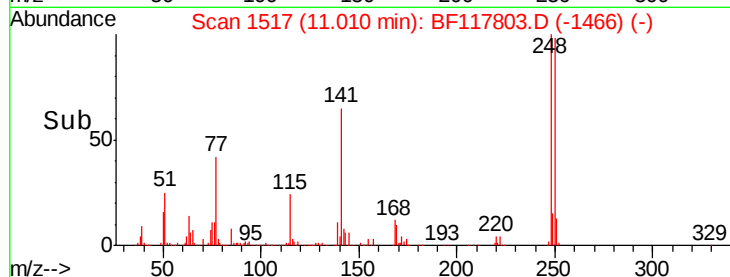
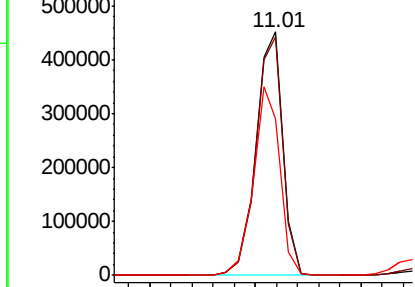


Abundance

Ion 248.00 (247.70 to 248.70): E

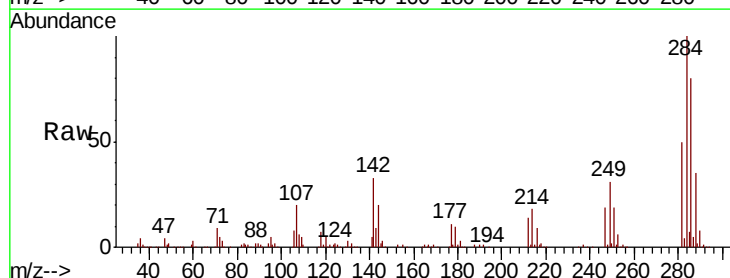
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 36.493 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	29.4	44.2
249	30.7	24.6	37.0

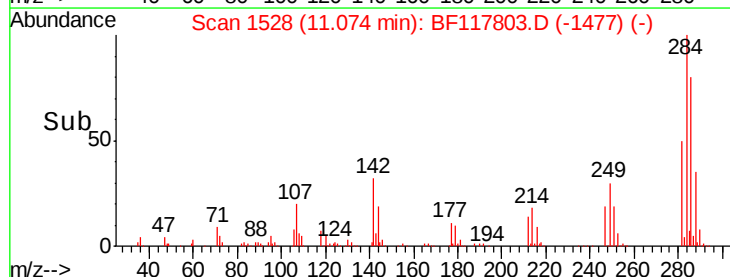
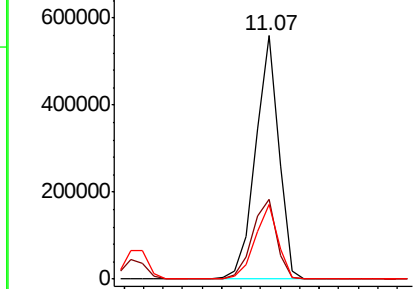


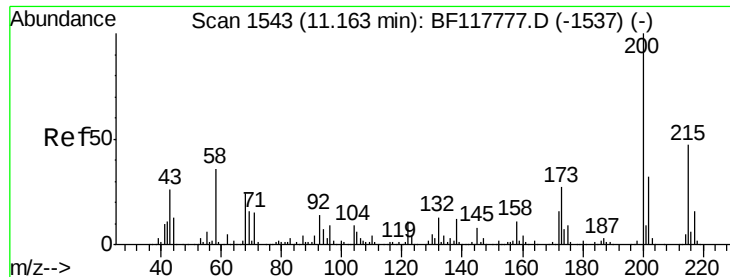
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





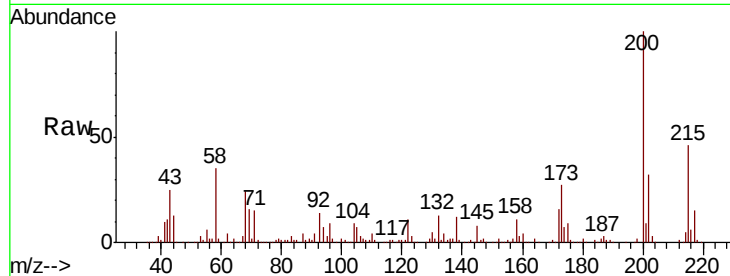
#69
Atrazine
Concen: 40.351 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	6.7	46.7
215	46.1	27.5	67.5

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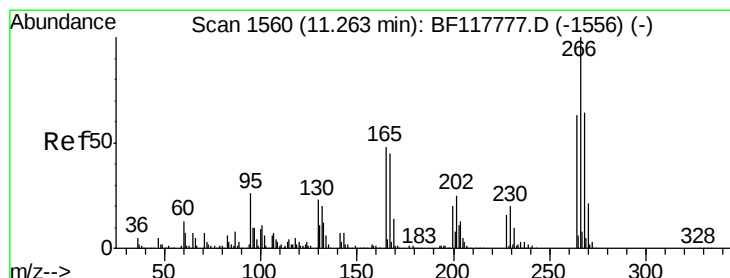
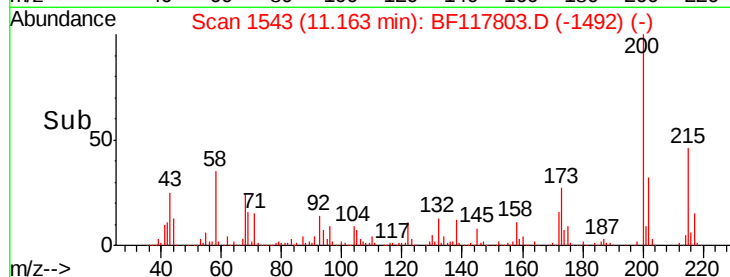
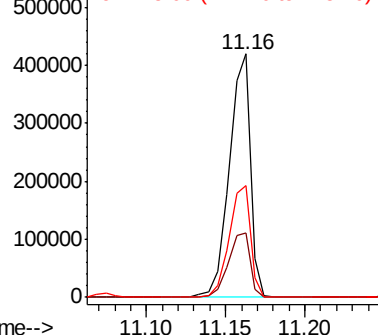


Abundance

Ion 200.00 (199.70 to 200.70): E

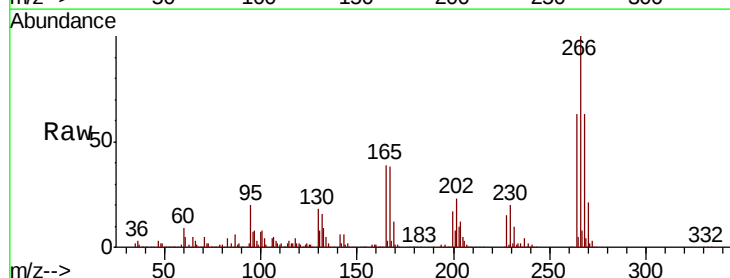
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 75.499 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.5	50.8	76.2
264	63.1	50.7	76.1

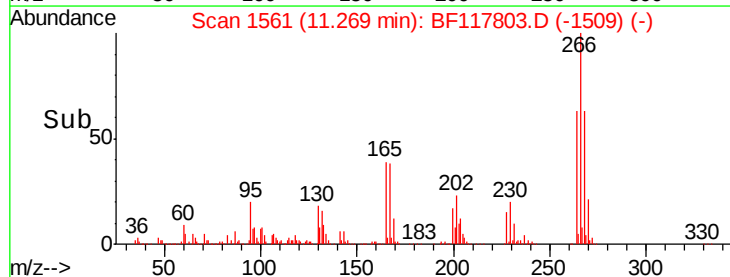
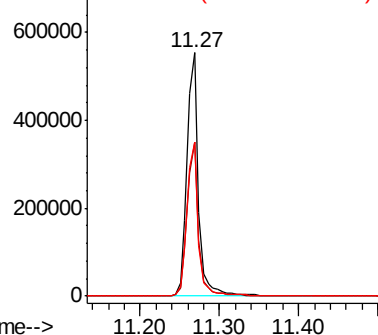


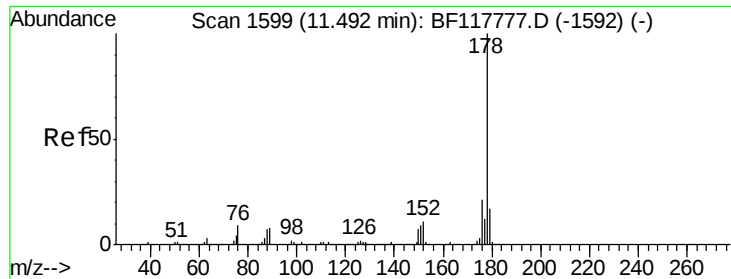
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.358 ng

RT: 11.49 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PB124835BS

Tot Ion:178 Resp: 1940373

Ion Ratio Lower Upper

178 100

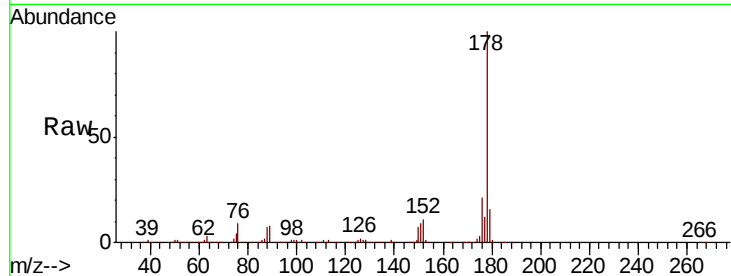
176 20.7 16.6 25.0

179 16.3 13.2 19.8

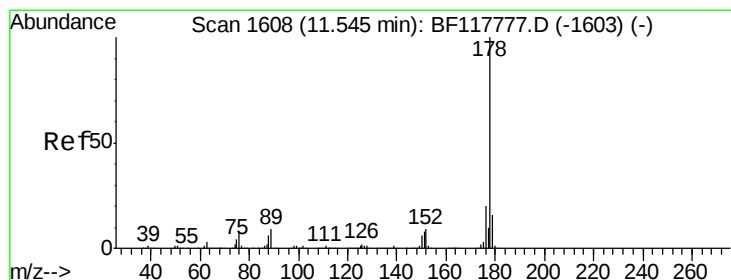
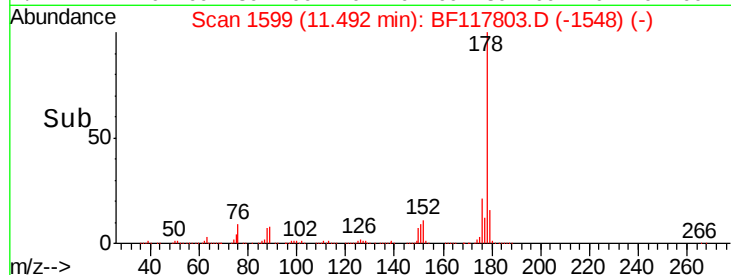
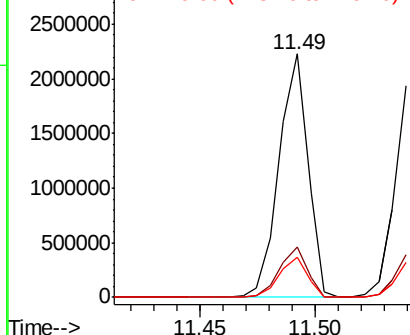
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Abundance Ion 178.00 (177.70 to 178.70): E
3000000 Ion 176.00 (175.70 to 176.70): E
2500000 Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.244 ng

RT: 11.54 min Scan# 1608

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:178 Resp: 1968283

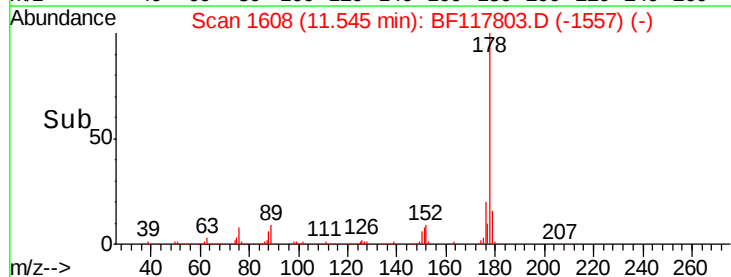
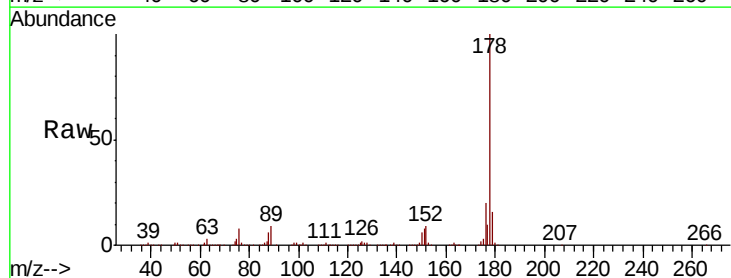
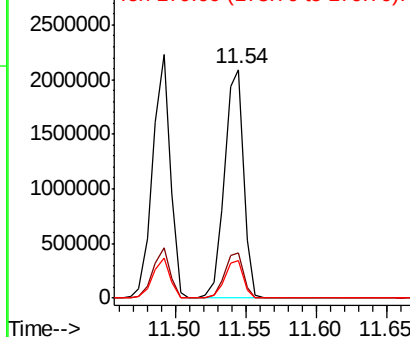
Ion Ratio Lower Upper

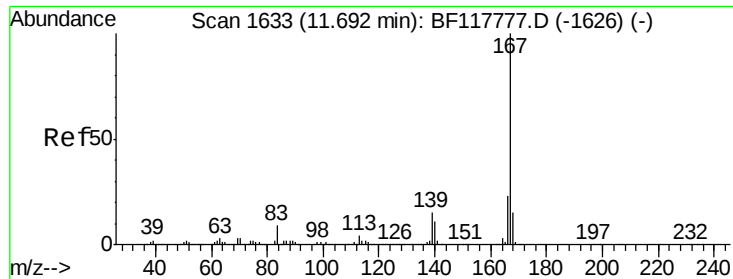
178 100

176 20.0 16.1 24.1

179 16.4 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
3000000 Ion 176.00 (175.70 to 176.70): E
2500000 Ion 179.00 (178.70 to 179.70): E





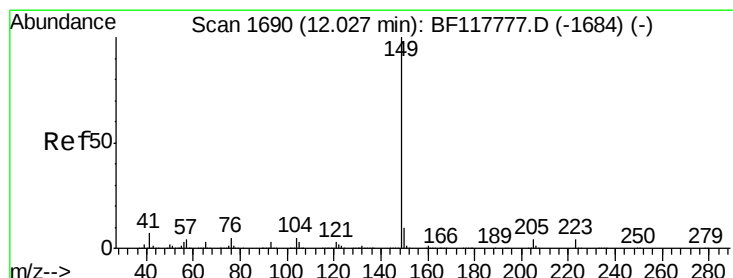
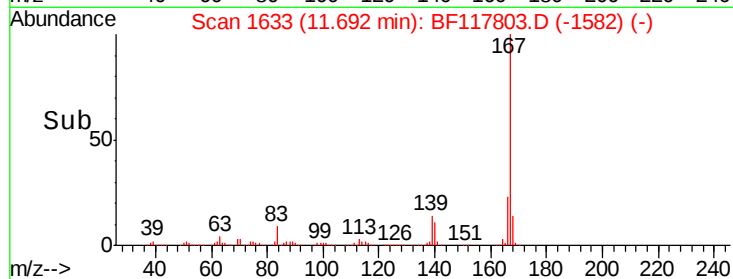
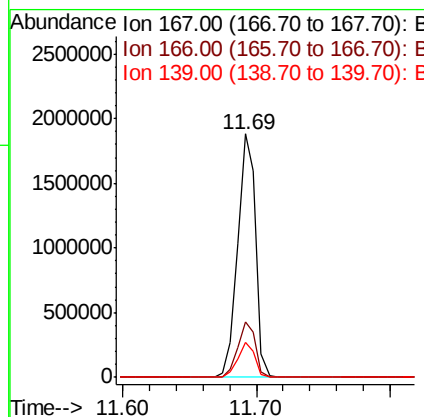
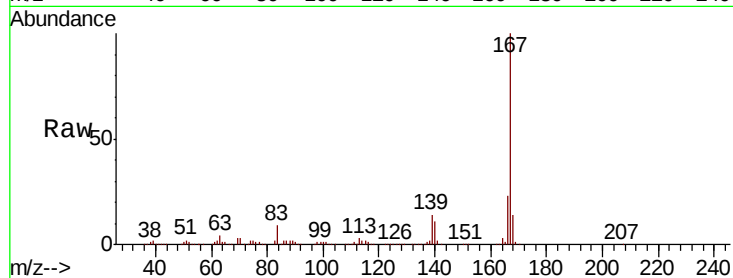
#73
 Carbazole
 Concen: 40.672 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Instrument :
 BNA_F
 ClientSampleId :
 PB124835BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.9	18.0	27.0
139	14.5	11.7	17.5

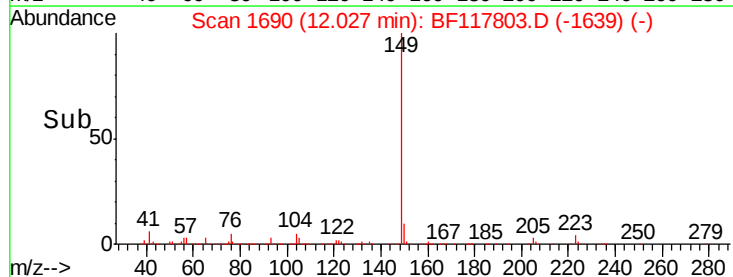
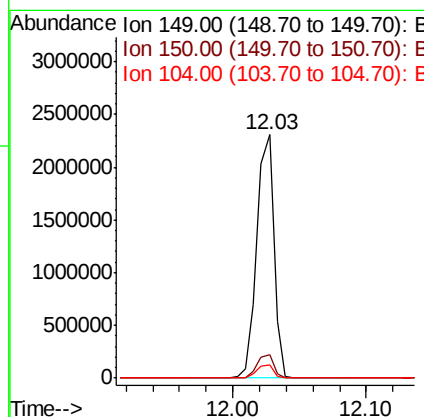
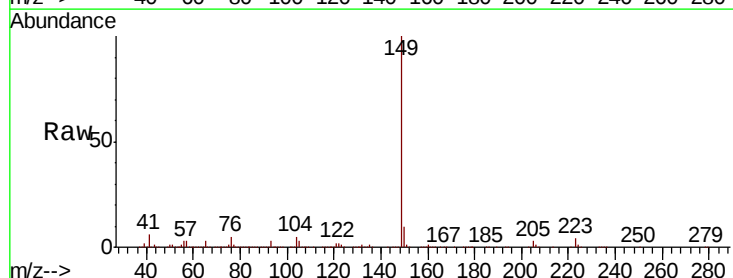
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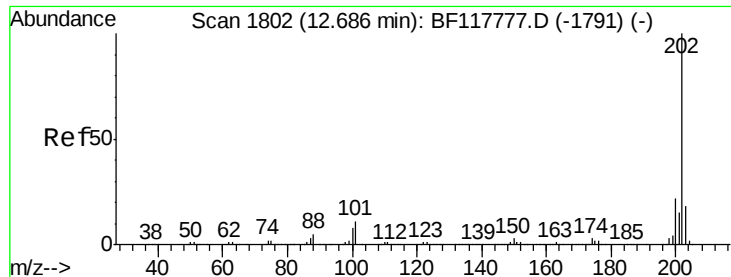
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#74
 Di-n-butylphthalate
 Concen: 36.878 ng
 RT: 12.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BF117803.D
 Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 42.675 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

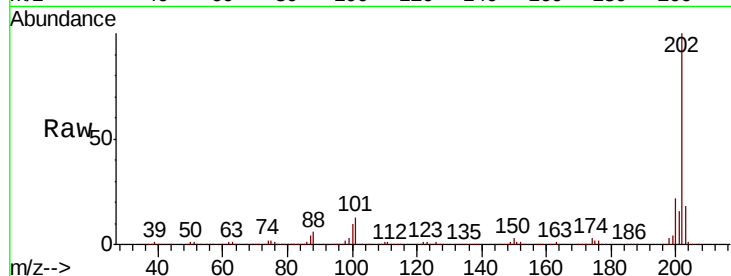
ClientSampleID :

PB124835BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	31.1
203	18.3	0.0	38.2

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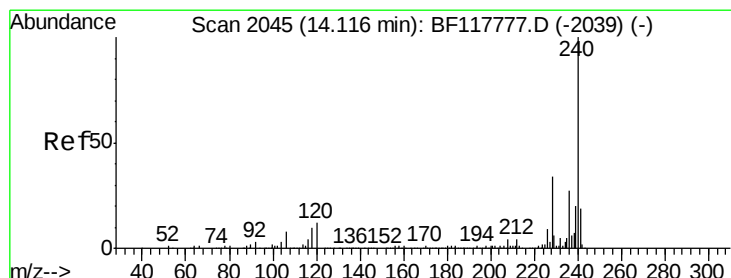
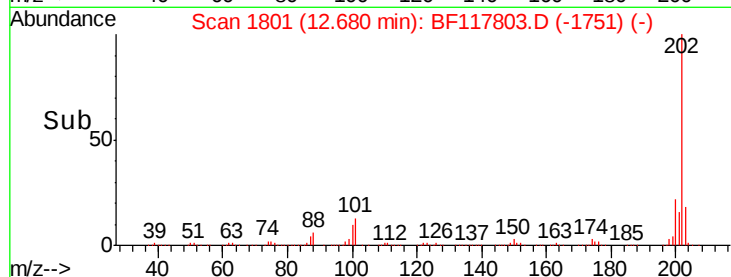
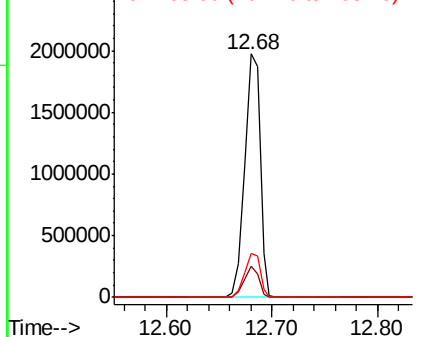


Abundance

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: BF117803.D

Acq: 15 Nov 2019 15:23

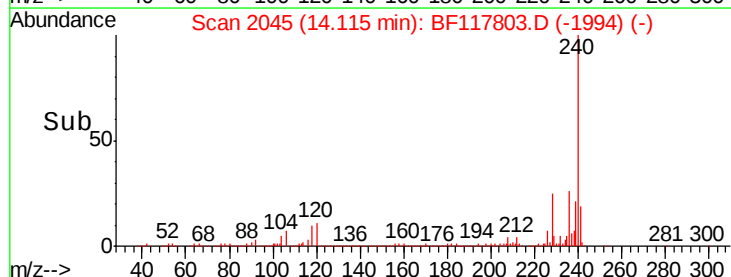
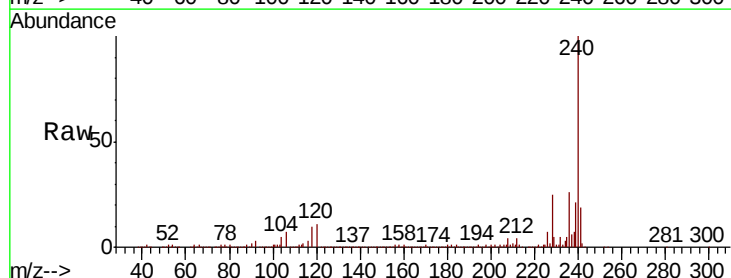
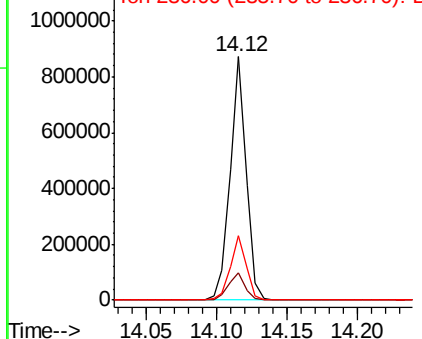
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.5	14.3
236	26.3	21.3	31.9

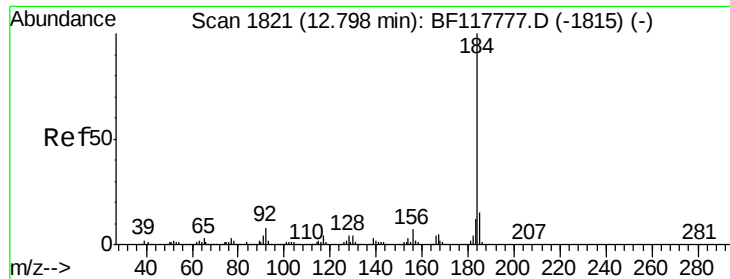
Abundance

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: 28.416 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PB124835BS

Tot Ion:184 Resp: 641159

Ion Ratio Lower Upper

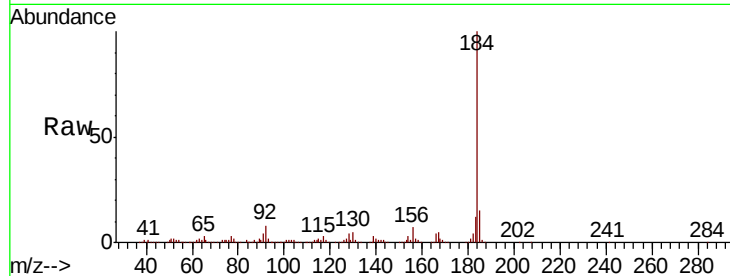
184 100

185 15.2 12.2 18.4

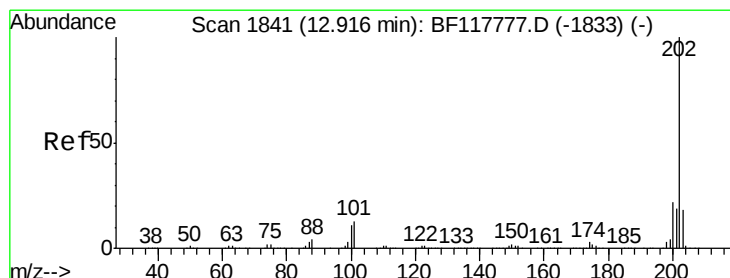
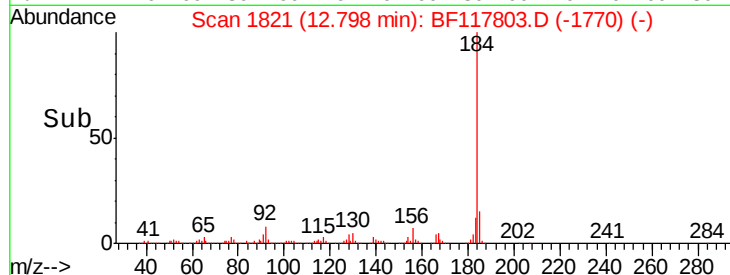
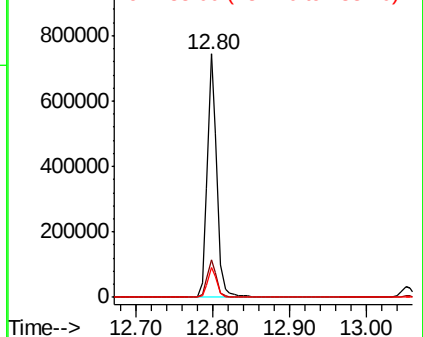
183 12.1 9.5 14.3

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 35.463 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

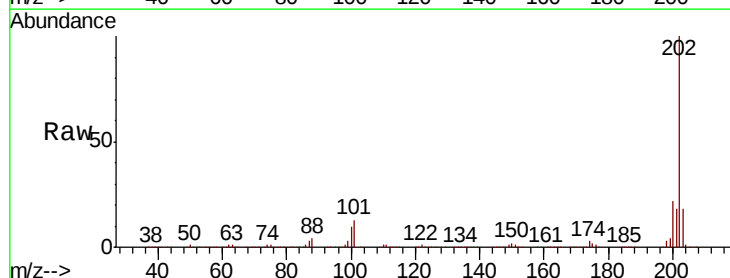
Tgt Ion:202 Resp: 1974155

Ion Ratio Lower Upper

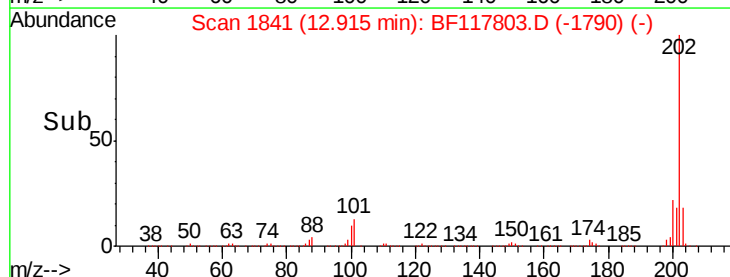
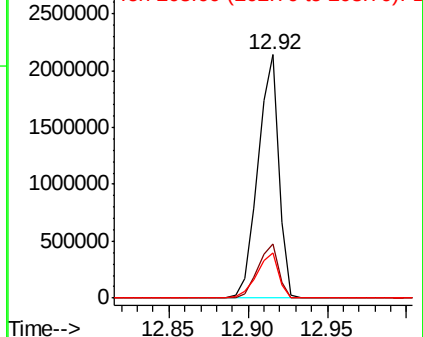
202 100

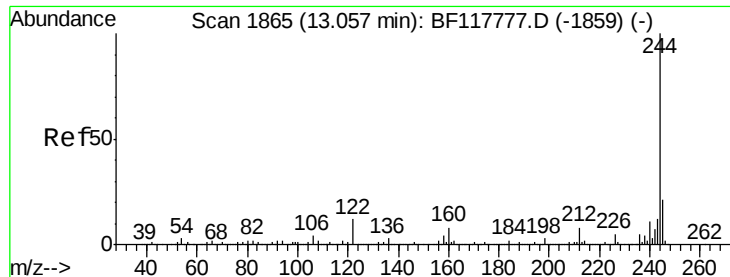
200 22.4 17.8 26.8

203 18.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 58.248 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

ClientSampleId :

PB124835BS

Tot Ion:244 Resp: 2195392

Ion Ratio Lower Upper

244 100

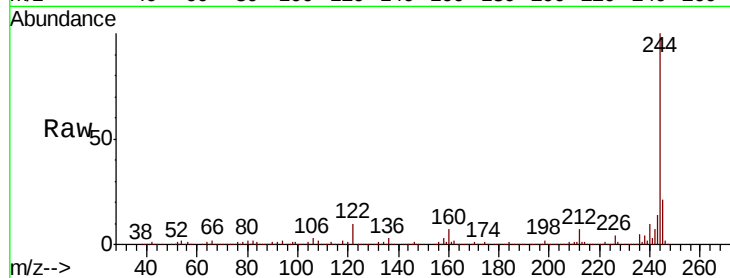
212 6.9 6.3 9.5

122 9.9 9.4 14.2

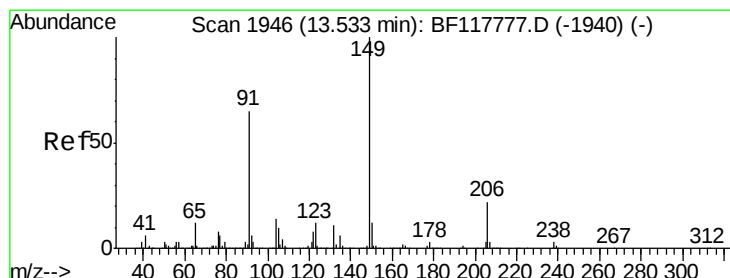
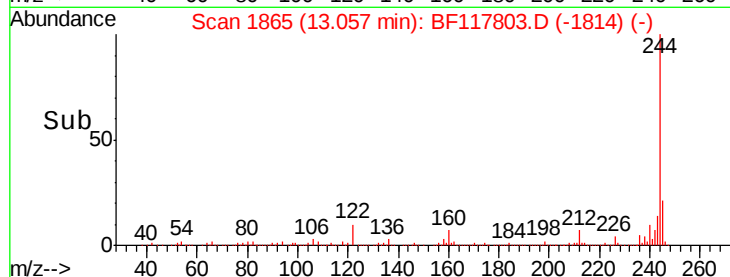
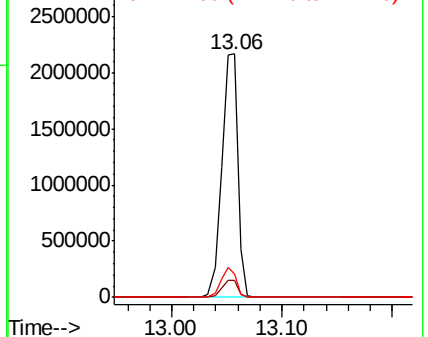
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 35.108 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

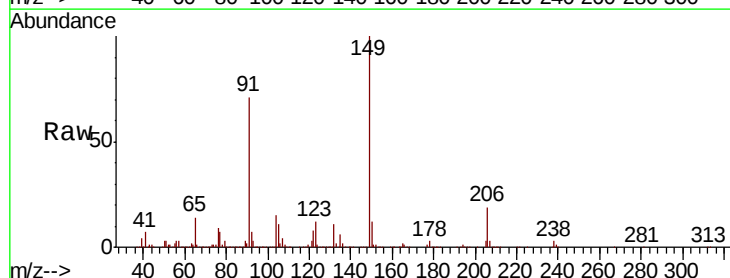
Tgt Ion:149 Resp: 839423

Ion Ratio Lower Upper

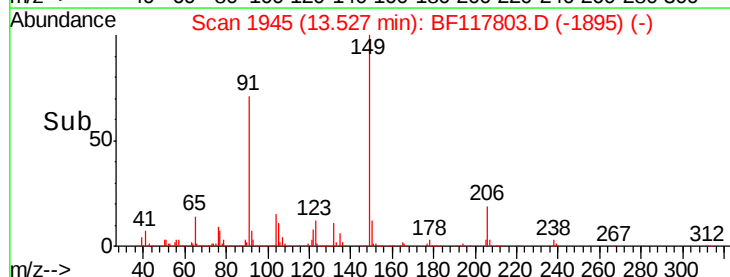
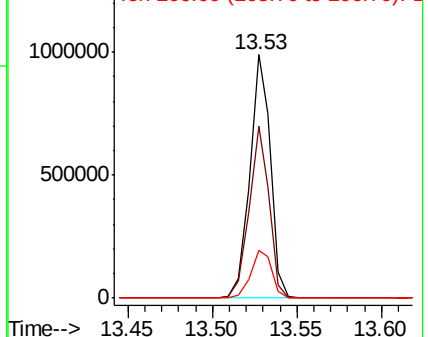
149 100

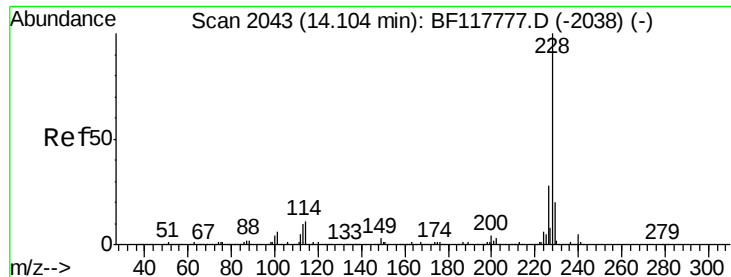
91 70.8 51.9 77.9

206 19.4 17.2 25.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 36.736 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

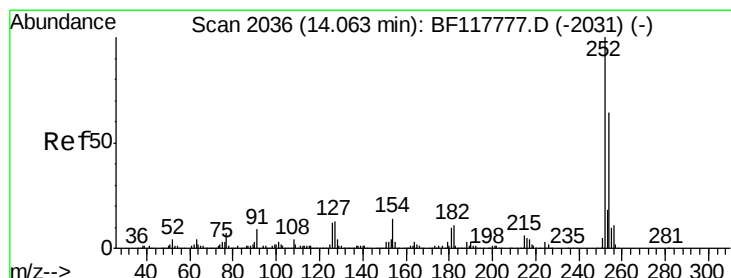
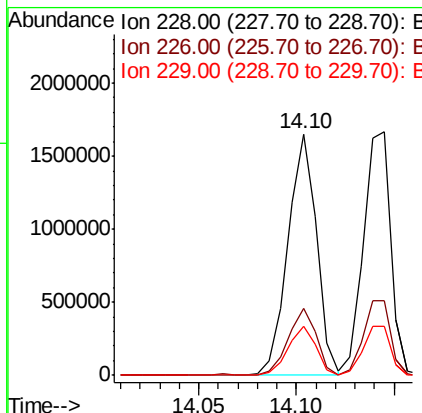
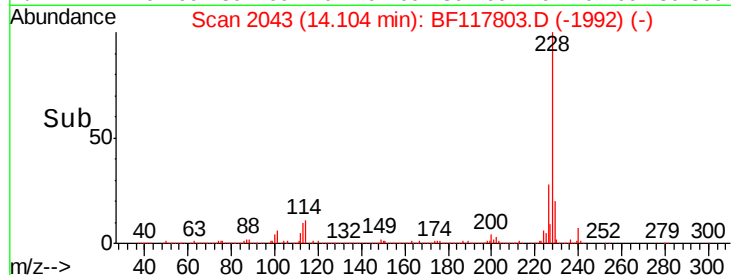
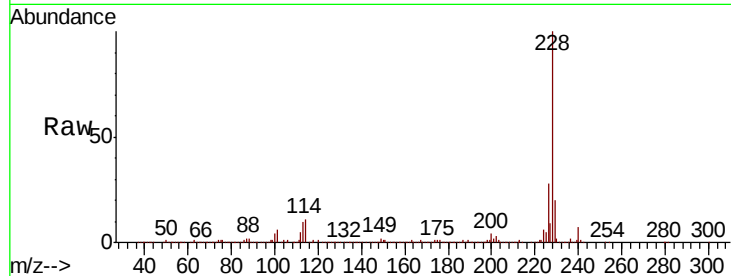
ClientSampleId :

PB124835BS

Tot Ion:	228	Resp:	1672195
Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.2
229	20.3	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 33.587 ng

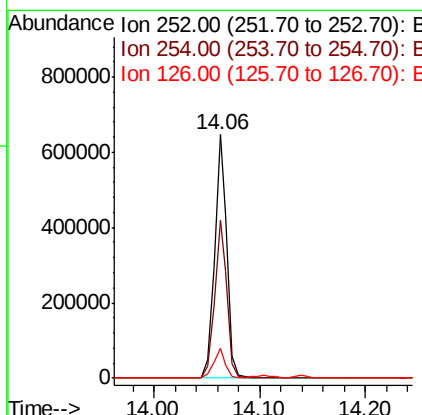
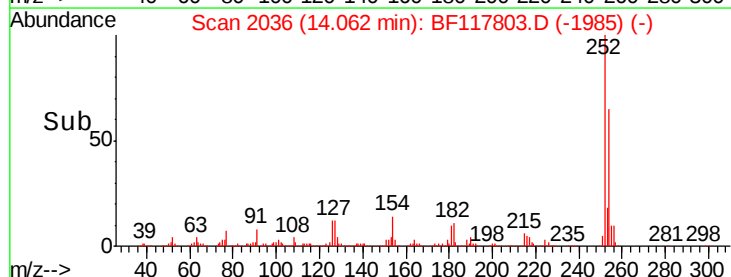
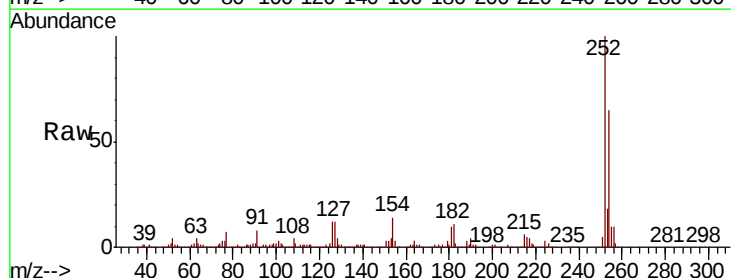
RT: 14.06 min Scan# 2036

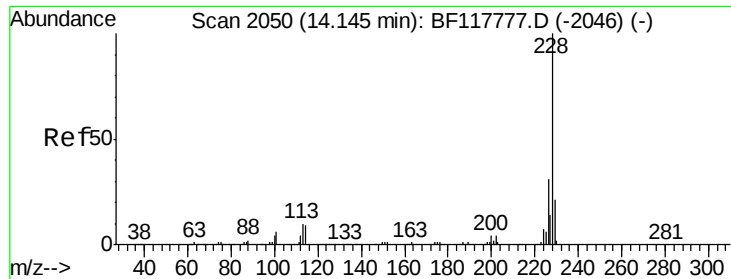
Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:	252	Resp:	534792
Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.0	76.6
126	12.1	9.7	14.5





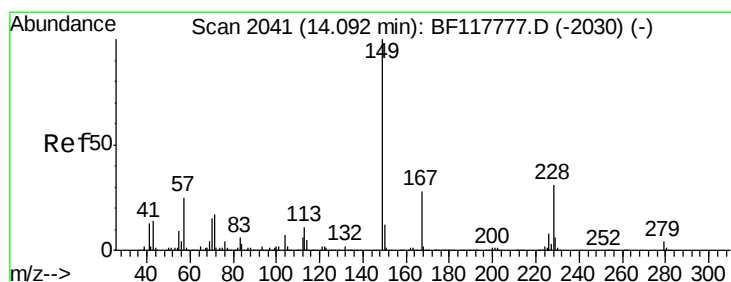
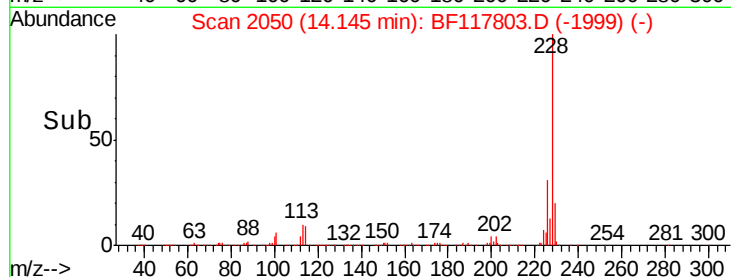
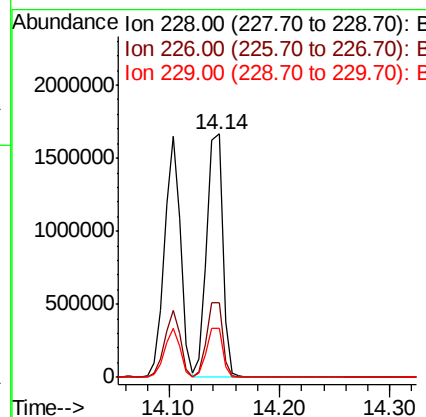
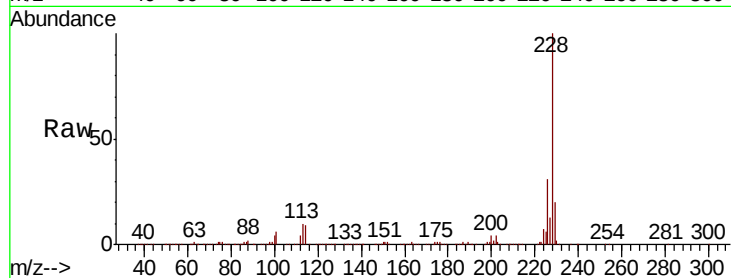
#83
Chrysene
Concen: 36.836 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion:228 Resp: 1624763
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.4
229 20.3 16.6 25.0

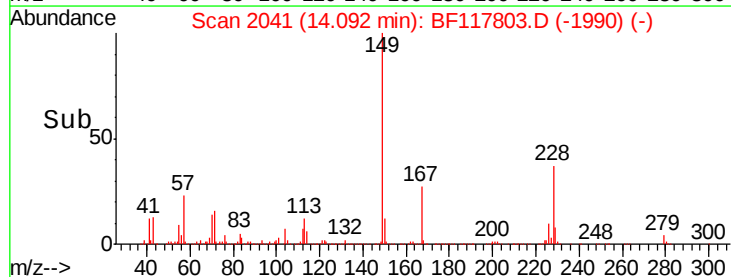
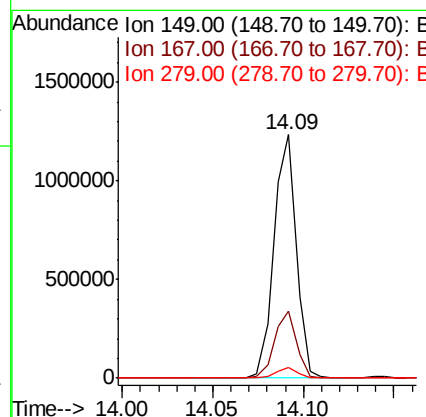
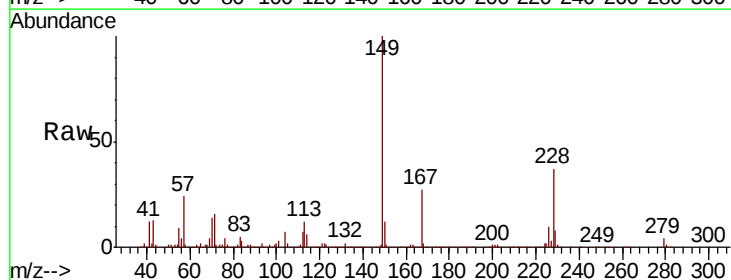
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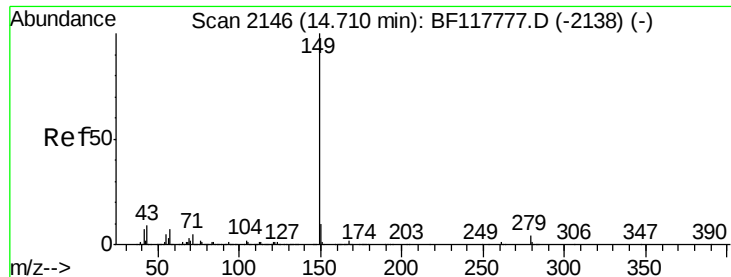
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#84
Bis(2-ethylhexyl)phthalate
Concen: 36.414 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion:149 Resp: 1055532
Ion Ratio Lower Upper
149 100
167 27.4 22.2 33.2
279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 39.411 ng

RT: 14.71 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Instrument :

BNA_F

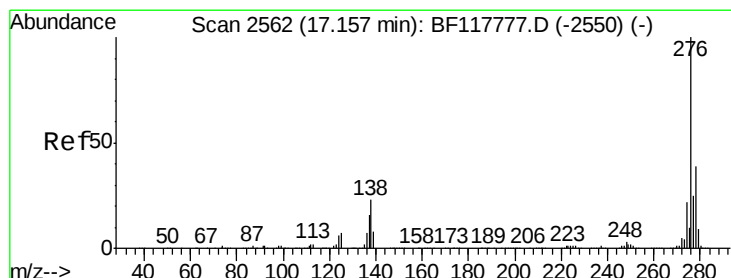
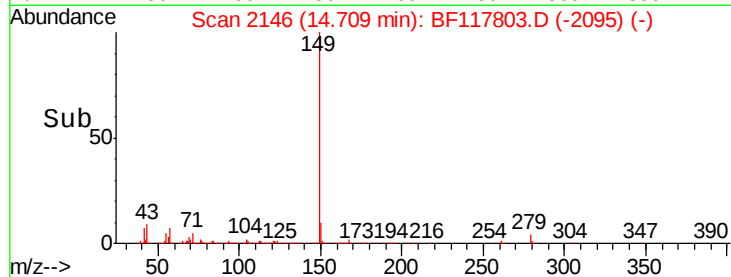
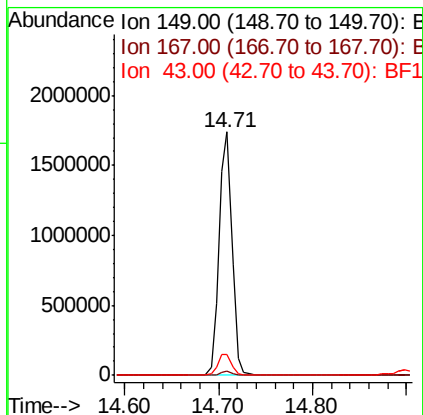
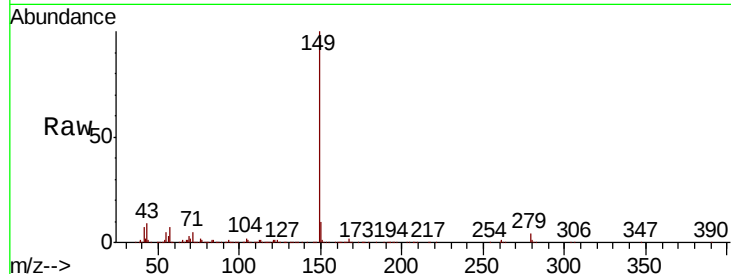
ClientSampleId :

PB124835BS

Tot Ion:	149	Resp:	1678307
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.2	7.4	11.2

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#86

Indeno(1,2,3-cd)pyrene

Concen: 36.336 ng

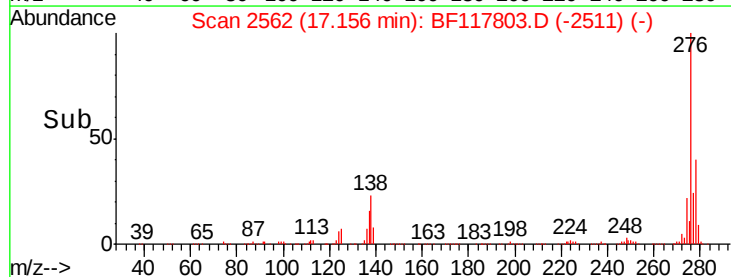
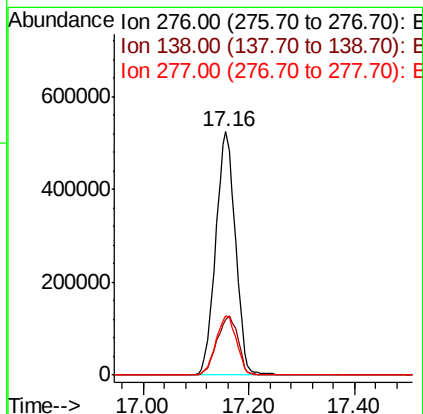
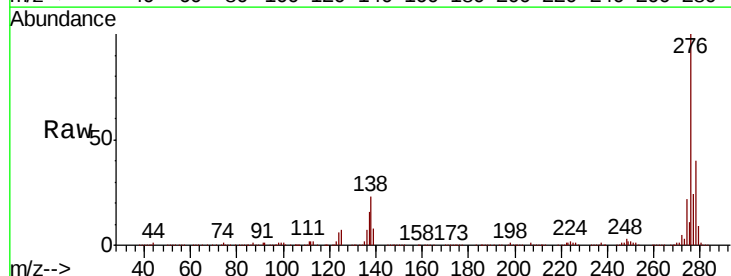
RT: 17.16 min Scan# 2562

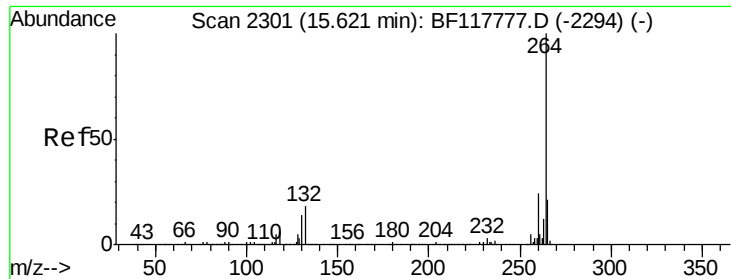
Delta R.T. -0.00 min

Lab File: BF117803.D

Acq: 15 Nov 2019 15:23

Tgt Ion:	276	Resp:	1364050
Ion	Ratio	Lower	Upper
276	100		
138	26.0	20.9	31.3
277	25.4	20.3	30.5





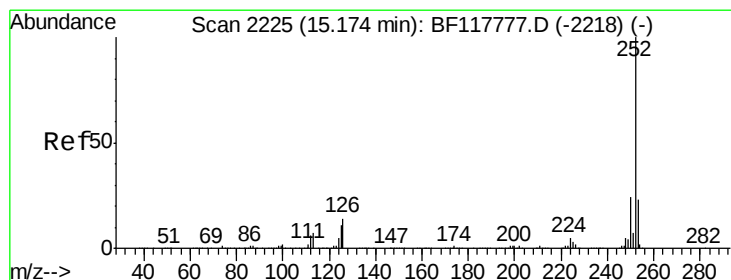
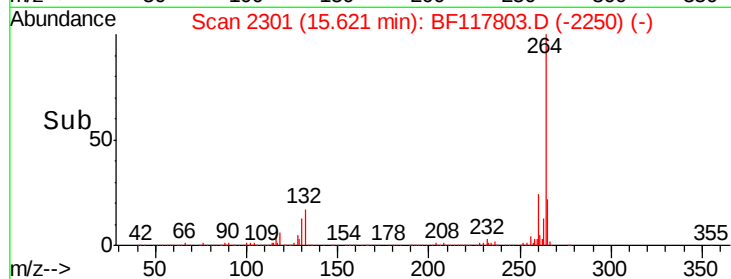
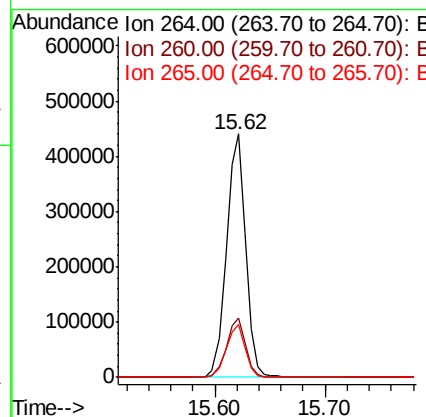
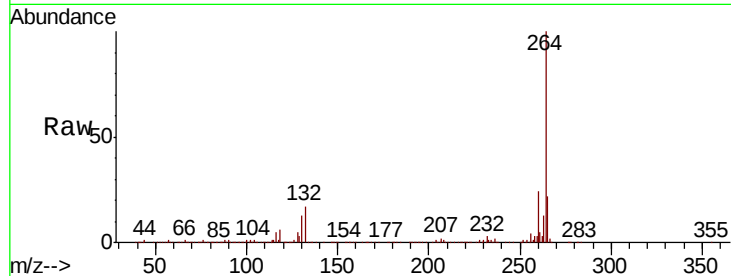
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	21.9	17.1	25.7

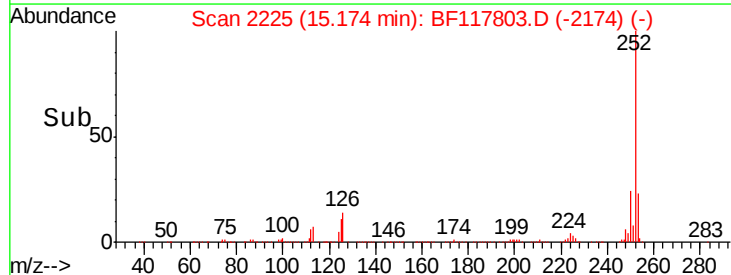
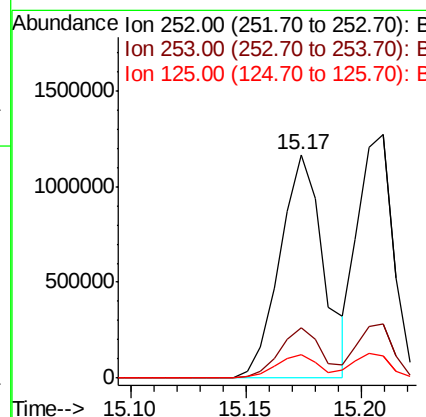
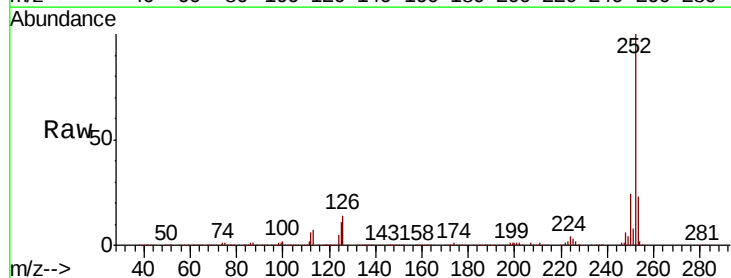
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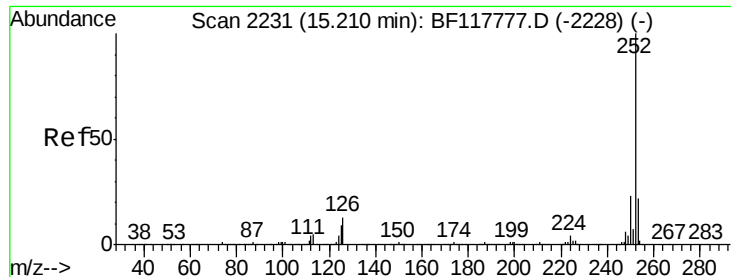
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#88
Benzo(b)fluoranthene
Concen: 44.110 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.0	27.0
125	10.7	8.6	13.0





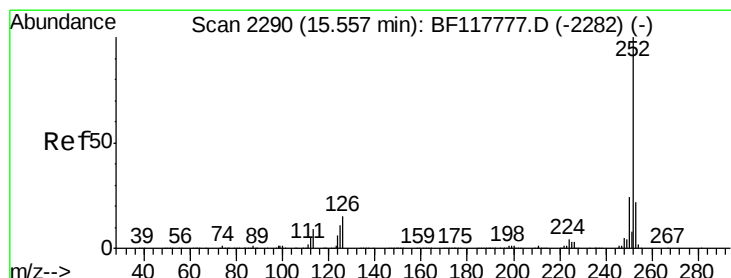
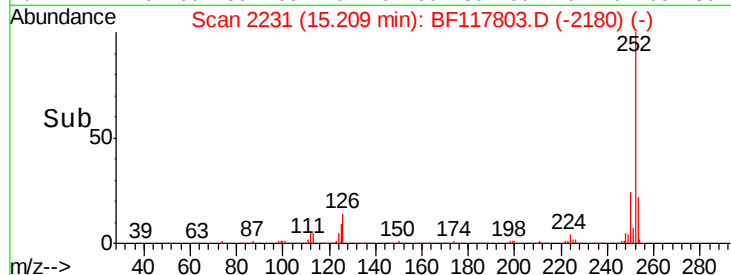
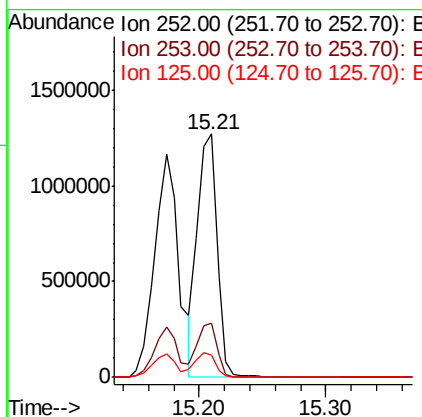
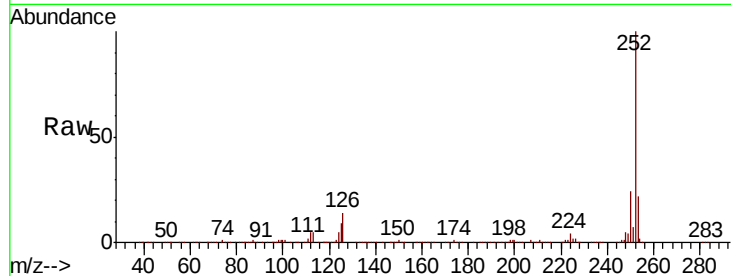
#89
Benzo(k)fluoranthene
Concen: 41.642 ng
RT: 15.21 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	9.3	7.9	11.9

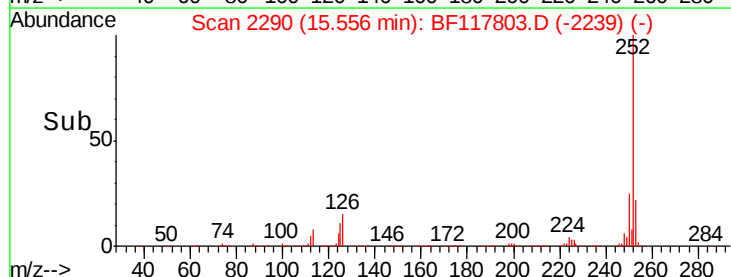
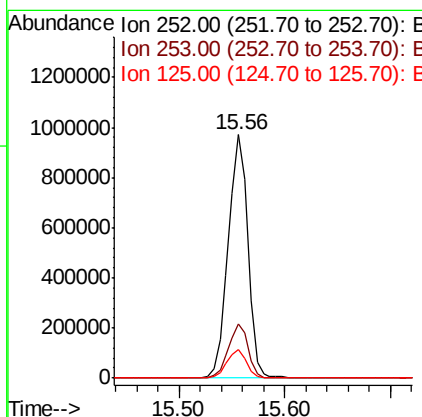
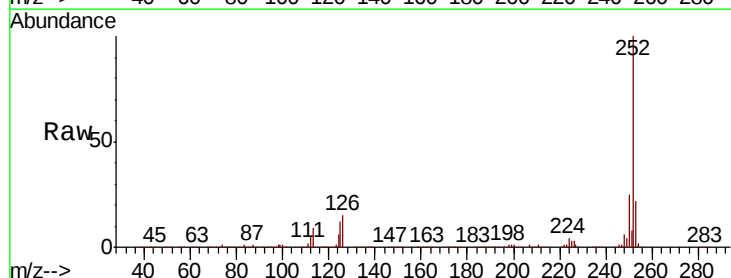
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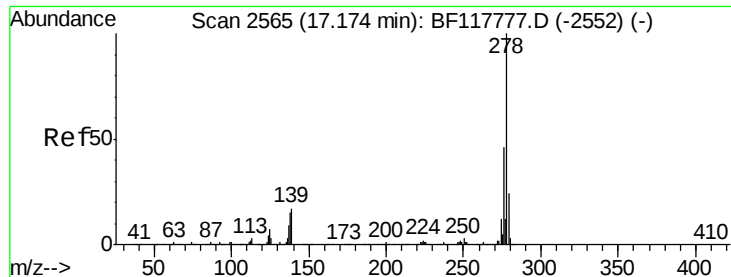
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#90
Benzo(a)pyrene
Concen: 41.082 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	11.5	9.2	13.8





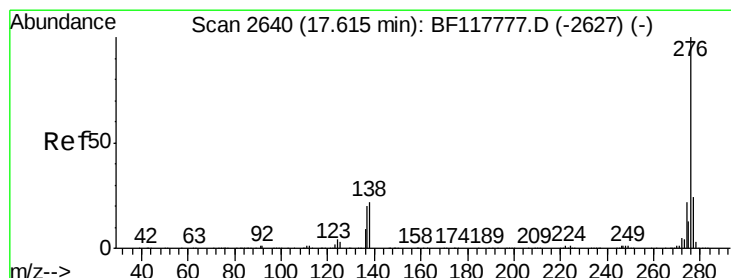
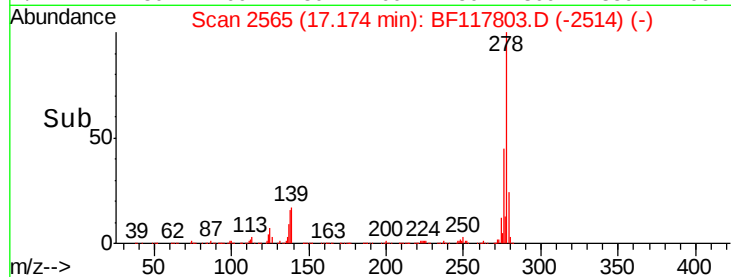
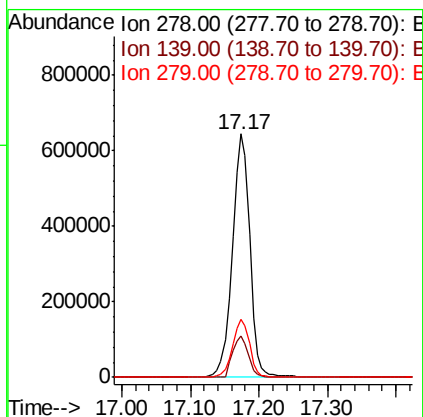
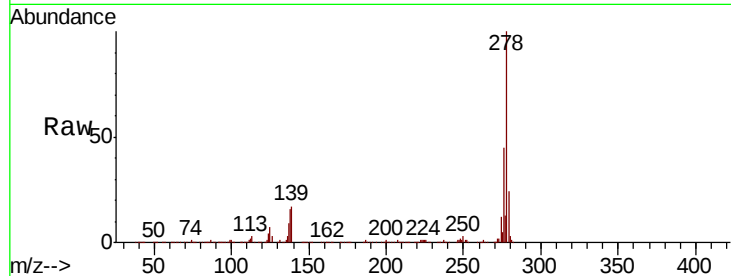
#91
Dibenzo(a,h)anthracene
Concen: 43.298 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.00 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Instrument :
BNA_F
ClientSampleId :
PB124835BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.8	20.8
279	23.7	19.6	29.4

Manual Integrations
APPROVED

mohammad
11/18/2019 3:06:00 PM



#92
Benzo(g,h,i)perylene
Concen: 44.165 ng
RT: 17.62 min Scan# 2641
Delta R.T. 0.01 min
Lab File: BF117803.D
Acq: 15 Nov 2019 15:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.9	28.3
138	22.4	17.4	26.2

