

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111519\
 Data File : BF117806.D
 Acq On : 15 Nov 2019 16:47
 Operator : JU
 Sample : K5861-06MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP-6MS

Manual Integrations
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mohammad
 11/18/2019 3:06:04 PM

Quant Time: Nov 18 02:38:33 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	238777	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	941446	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	496785	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	953007	20.00	ng	0.00
76) Chrysene-d12	14.12	240	655599	20.00	ng	0.00
87) Perylene-d12	15.62	264	671438	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1131676	83.89	ng	0.00
7) Phenol-d6	6.54	99	1450004	89.12	ng	0.00
23) Nitrobenzene-d5	7.48	82	899360	56.79	ng	-0.01
42) 2,4,6-Tribromophenol	10.76	330	443907	84.40	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	1763856	63.70	ng	0.00
79) Terphenyl-d14	13.05	244	2024152	56.43	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.73	88	205542	32.598	ng	99
3) Pyridine	3.50	79	519009	31.379	ng	98
4) n-Nitrosodimethylamine	3.45	42	270385	37.448	ng	98
6) Aniline	6.58	93	522145	24.285	ng	99
8) 2-Chlorophenol	6.70	128	587029	40.105	ng	99
9) Benzaldehyde	6.46	77	298561	25.274	ng	98
10) Phenol	6.55	94	728477	43.087	ng	100
11) bis(2-Chloroethyl)ether	6.65	93	524606	38.639	ng	99
12) 1,3-Dichlorobenzene	6.86	146	642558	37.288	ng	99
13) 1,4-Dichlorobenzene	6.94	146	654131	37.554	ng	99
14) 1,2-Dichlorobenzene	7.09	146	622501	37.368	ng	99
15) Benzyl Alcohol	7.06	79	502683	40.018	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.19	45	757057	36.216	ng	100
17) 2-Methylphenol	7.16	107	490642	39.582	ng	98
18) Hexachloroethane	7.44	117	235239	36.763	ng	96
19) n-Nitroso-di-n-propylamine	7.33	70	382593	38.116	ng	98
20) 3+4-Methylphenols	7.32	107	605029	39.321	ng	96
22) Acetophenone	7.33	105	781944	36.969	ng	# 98
24) Nitrobenzene	7.50	77	622969	38.130	ng	97
25) Isophorone	7.74	82	1088076	37.485	ng	97
26) 2-Nitrophenol	7.82	139	327071	41.130	ng	94
27) 2,4-Dimethylphenol	7.85	122	532635	43.105	ng	99
28) bis(2-Chloroethoxy)methane	7.95	93	645636	35.051	ng	99
29) 2,4-Dichlorophenol	8.06	162	509119	37.984	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	554135	35.642	ng	100
31) Naphthalene	8.23	128	1715047	39.077	ng	99
32) Benzoic acid	7.96	122	366448	35.418	ng	98
33) 4-Chloroaniline	8.27	127	260791	13.273	ng	99
34) Hexachlorobutadiene	8.35	225	311384	34.256	ng	99
35) Caprolactam	8.63	113	170312m	39.981	ng	
36) 4-Chloro-3-methylphenol	8.75	107	520725	38.281	ng	98
37) 2-Methylnaphthalene	8.92	142	1165697	39.309	ng	99
38) 1-Methylnaphthalene	9.02	142	1089141	38.849	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	510798	35.405	ng	99

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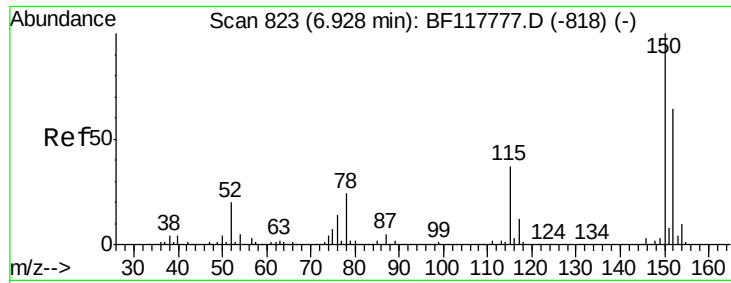
Manual Integrations
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Quant Time: Nov 18 02:38:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	657024	81.265	nq	97
43) 2,4,6-Trichlorophenol	9.20	196	384574	37.216	nq	98
44) 2,4,5-Trichlorophenol	9.24	196	405928	37.834	nq	96
46) 1,1'-Biphenyl	9.39	154	1401142	38.016	nq	99
47) 2-Chloronaphthalene	9.42	162	1093567	36.067	nq	99
48) 2-Nitroaniline	9.50	65	331237	36.185	nq	98
49) Acenaphthylene	9.83	152	1734414	39.235	nq	99
50) Dimethylphthalate	9.69	163	1413710	40.581	nq	100
51) 2,6-Dinitrotoluene	9.75	165	296391	38.929	nq	97
52) Acenaphthene	10.00	154	1143544	40.382	nq	99
53) 3-Nitroaniline	9.92	138	205809	22.591	nq	98
54) 2,4-Dinitrophenol	10.02	184	265139	68.879	nq	# 89
55) Dibenzofuran	10.18	168	1504466	38.366	nq	97
56) 4-Nitrophenol	10.07	139	534997	78.673	nq	95
57) 2,4-Dinitrotoluene	10.15	165	390086	40.277	nq	100
58) Fluorene	10.52	166	1146971	37.745	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	334397	37.932	nq	100
60) Diethylphthalate	10.39	149	1240212	36.516	nq	99
61) 4-Chlorophenyl-phenylether	10.51	204	572626	37.132	nq	98
62) 4-Nitroaniline	10.53	138	296061	32.456	nq	99
63) Azobenzene	10.67	77	1162970	37.638	nq	96
65) 4,6-Dinitro-2-methylphenol	10.56	198	189901	42.684	nq	97
66) n-Nitrosodiphenylamine	10.63	169	1045246	37.686	nq	99
67) 4-Bromophenyl-phenylether	11.00	248	363526	35.353	nq	96
68) Hexachlorobenzene	11.07	284	424787	35.428	nq	100
69) Atrazine	11.16	200	352352	38.620	nq	98
70) Pentachlorophenol	11.26	266	491347	70.141	nq	100
71) Phenanthrene	11.49	178	1765215	36.841	nq	100
72) Anthracene	11.54	178	1831426	38.552	nq	100
73) Carbazole	11.69	167	1608339	38.743	nq	100
74) Di-n-butylphthalate	12.02	149	1900482	36.769	nq	100
75) Fluoranthene	12.68	202	1824914	41.188	nq	99
77) Benzidine	12.80	184	893662	41.615	nq	100
78) Pyrene	12.91	202	1857064	35.051	nq	99
80) Butylbenzylphthalate	13.53	149	812116	35.688	nq	96
81) Benzo(a)anthracene	14.10	228	1568563	36.206	nq	99
82) 3,3'-Dichlorobenzidine	14.06	252	469012	30.950	nq	98
83) Chrysene	14.14	228	1517958	36.159	nq	100
84) Bis(2-ethylhexyl)phthalate	14.09	149	1067146	38.681	nq	98
85) Di-n-octyl phthalate	14.71	149	1732539	42.747	nq	100
86) Indeno(1,2,3-cd)pyrene	17.16	276	1645152	46.045	nq	99
88) Benzo(b)fluoranthene	15.17	252	1573113	36.061	nq	99
89) Benzo(k)fluoranthene	15.20	252	1359576	33.077	nq	98
90) Benzo(a)pyrene	15.56	252	1337236	34.860	nq	99
91) Dibenzo(a,h)anthracene	17.17	278	1365755	41.365	nq	99
92) Benzo(g,h,i)perylene	17.62	276	1393453	42.372	nq	98

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



#1

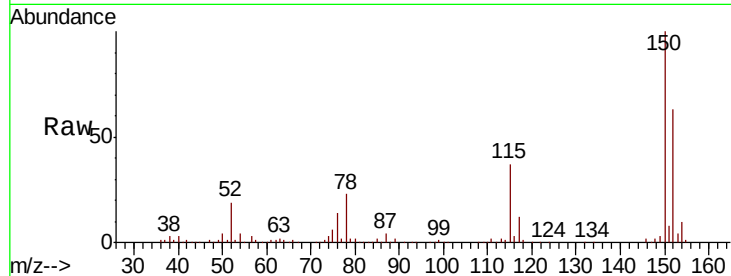
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.3	187.9
115	58.5	47.0	70.4

Manual Integrations
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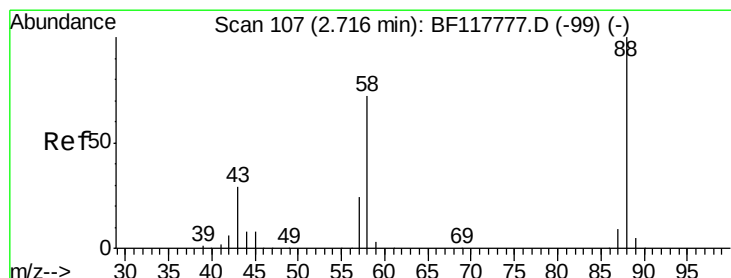
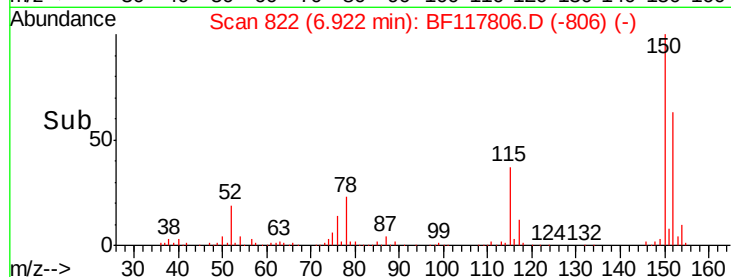
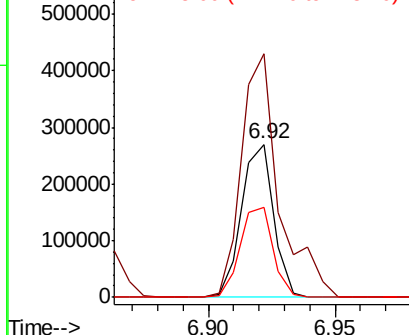


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

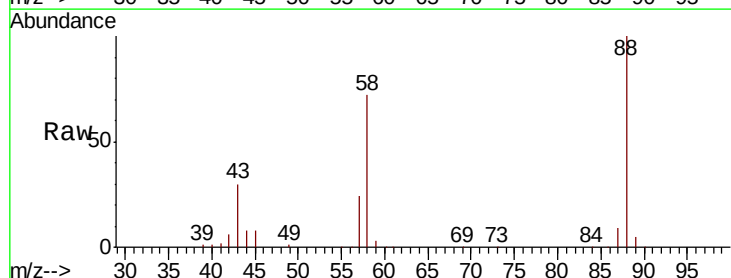
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.598 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.02 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.7	58.2	87.2
43	30.1	23.3	34.9

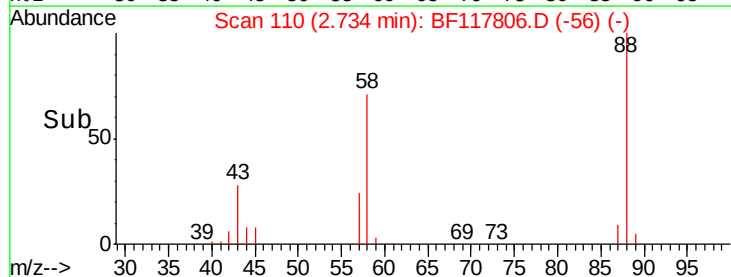
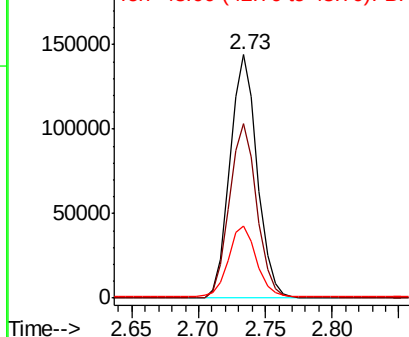


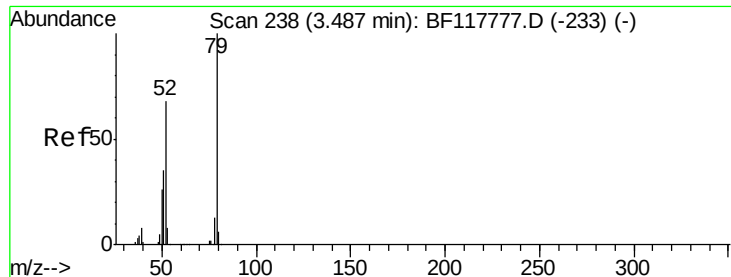
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.379 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

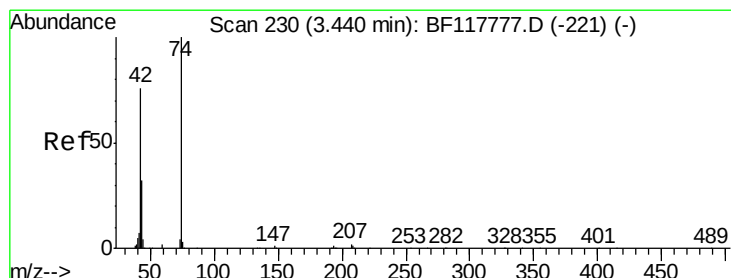
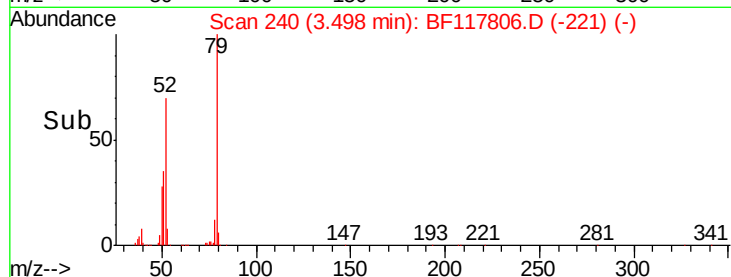
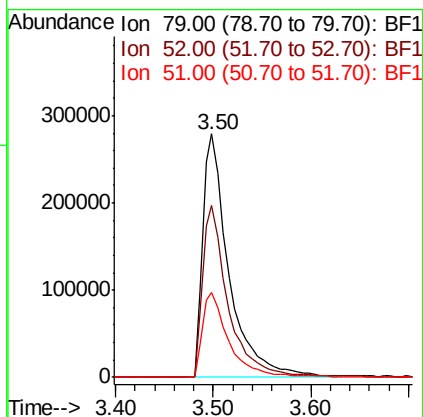
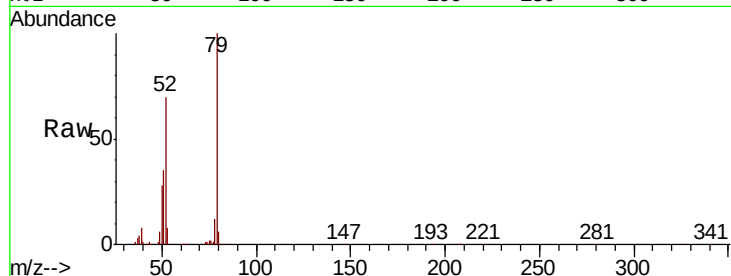
ClientSampleId :

EP-6MS

Tot Ion:	79	Resp:	519009
Ion	Ratio	Lower	Upper
79	100		
52	70.4	54.8	82.2
51	35.1	28.2	42.4

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#4

n-Nitrosodimethylamine

Concen: 37.448 ng

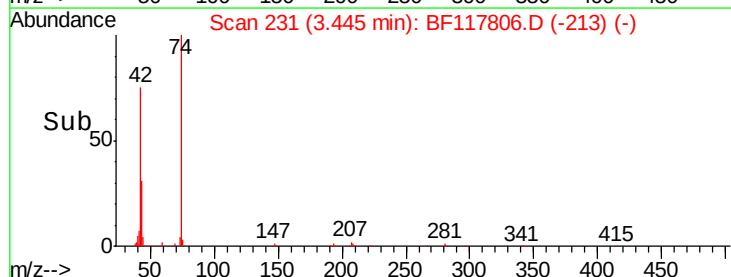
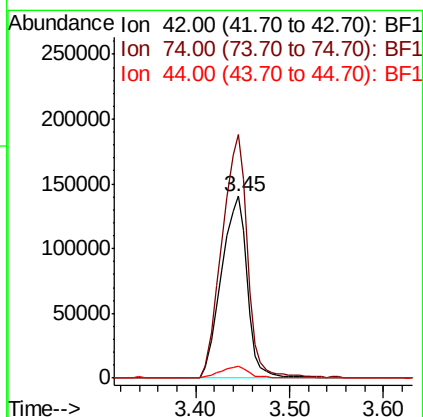
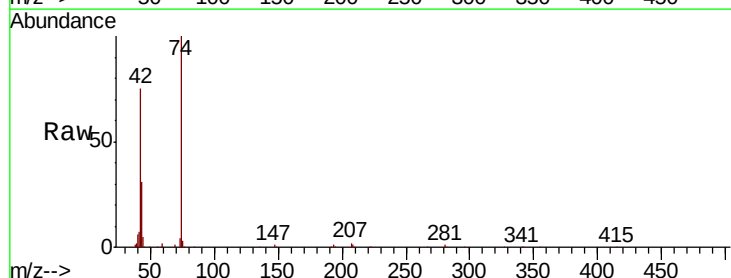
RT: 3.45 min Scan# 231

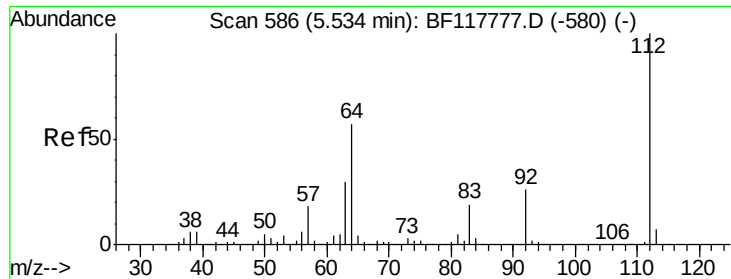
Delta R.T. 0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Tgt Ion:	42	Resp:	270385
Ion	Ratio	Lower	Upper
42	100		
74	134.0	105.1	157.7
44	6.4	4.6	7.0





#5

2-Fluorophenol

Concen: 83.894 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampled :

EP-6MS

Tot Ion: 112 Resp: 1131676

Ion Ratio Lower Upper

112 100

64 55.4 45.6 68.4

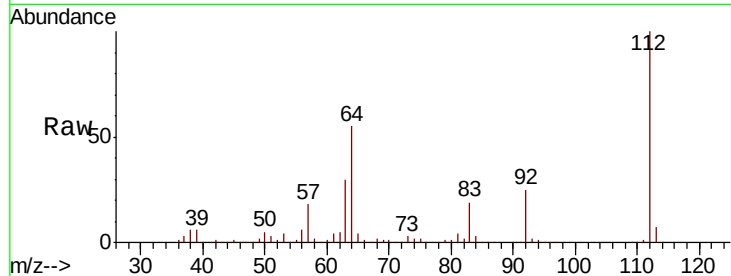
63 29.8 24.1 36.1

Manual Integrations

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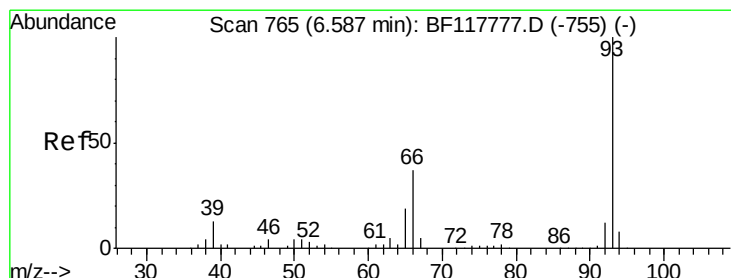
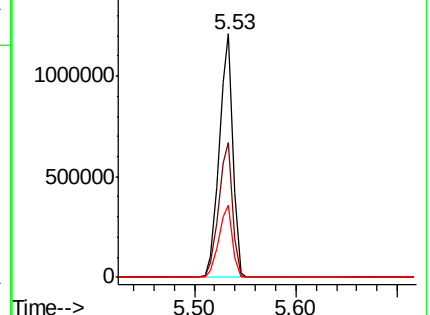
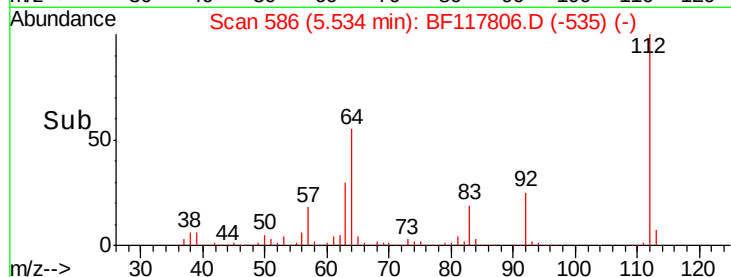
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.285 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

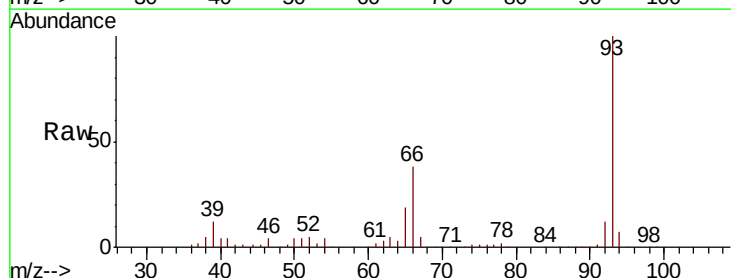
Tgt Ion: 93 Resp: 522145

Ion Ratio Lower Upper

93 100

66 38.0 30.6 45.8

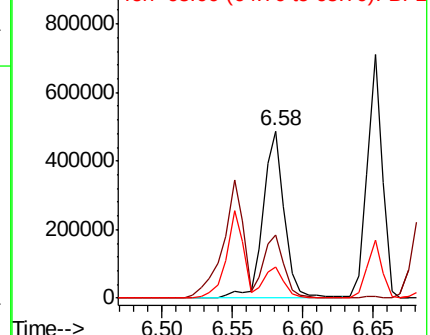
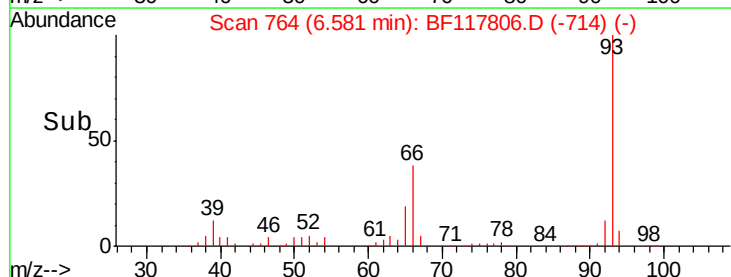
65 18.6 15.6 23.4

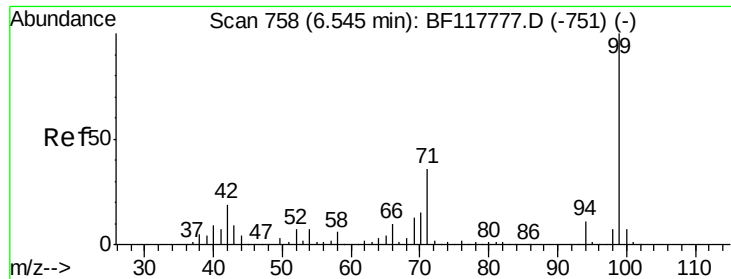


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 89.119 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampled :

EP-6MS

Tot Ion: 99 Resp: 1450004

Ion Ratio Lower Upper

99 100

42 19.0 14.9 22.3

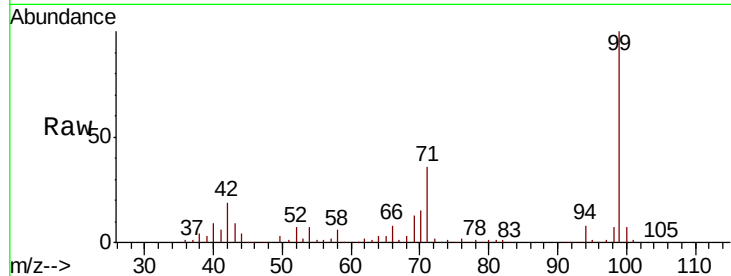
71 35.6 28.6 43.0

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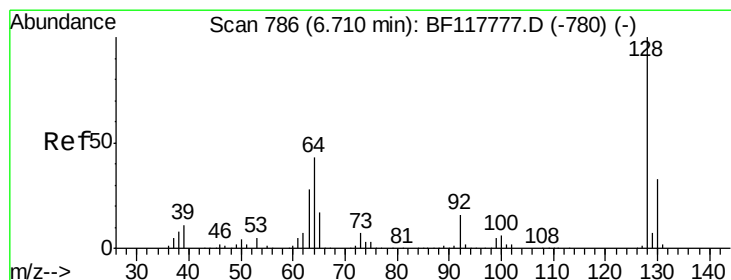
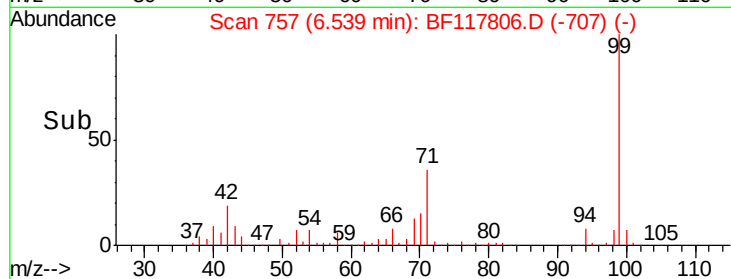
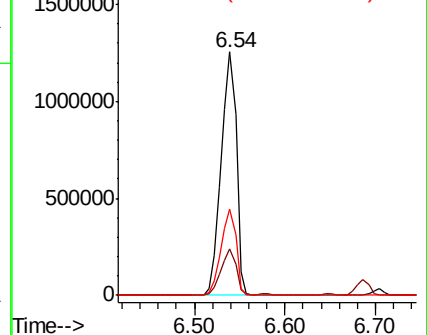
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 40.105 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

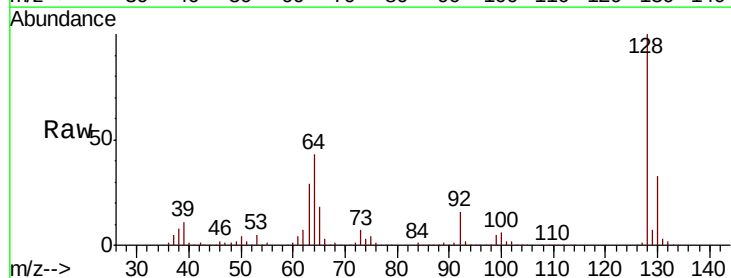
Tgt Ion: 128 Resp: 587029

Ion Ratio Lower Upper

128 100

130 33.0 13.2 53.2

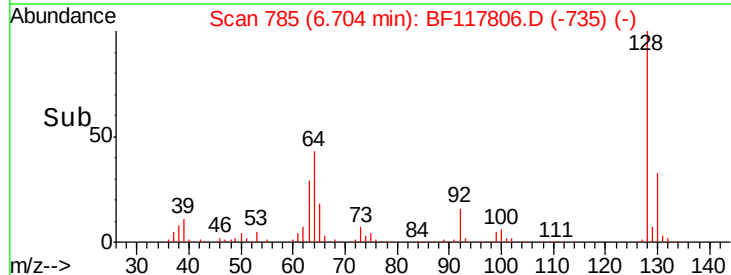
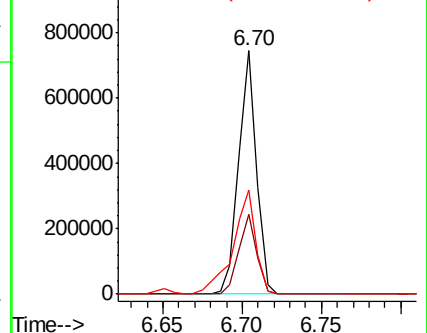
64 42.5 23.7 63.7

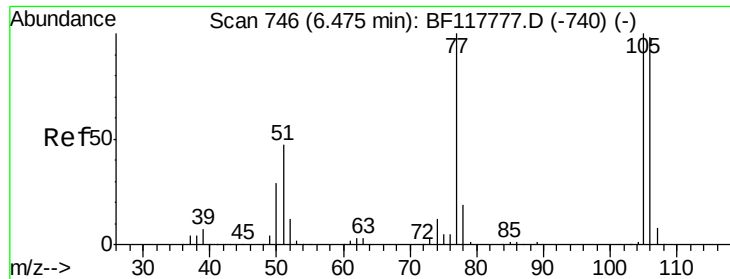


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





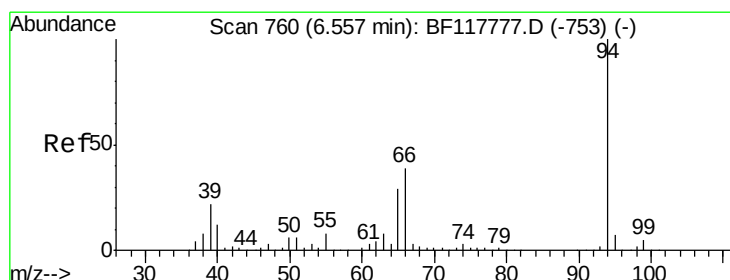
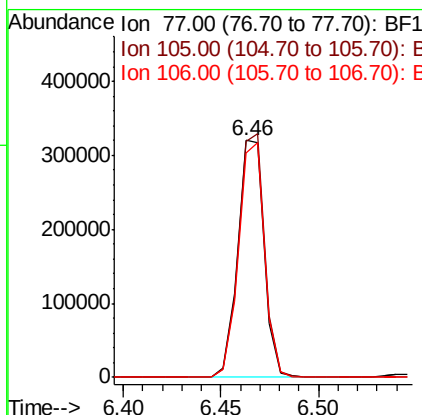
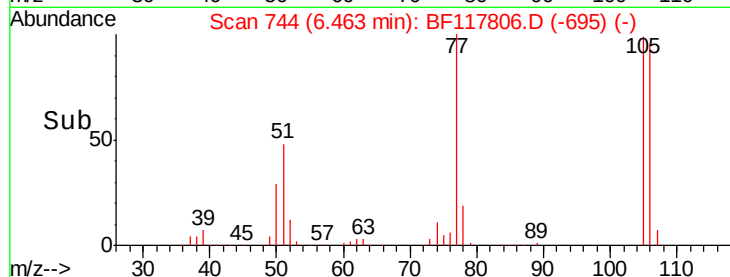
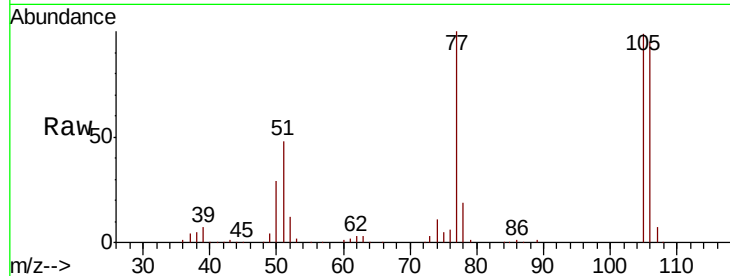
#9
Benzaldehyde
Concen: 25.274 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampled :
EP-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	99.4	80.2	120.2		
106	94.5	78.4	118.4		

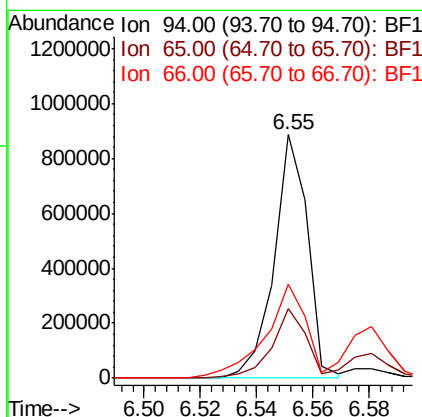
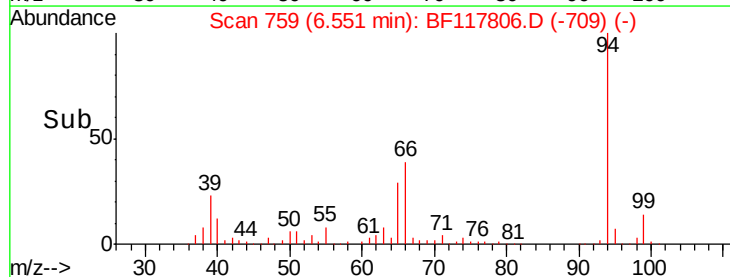
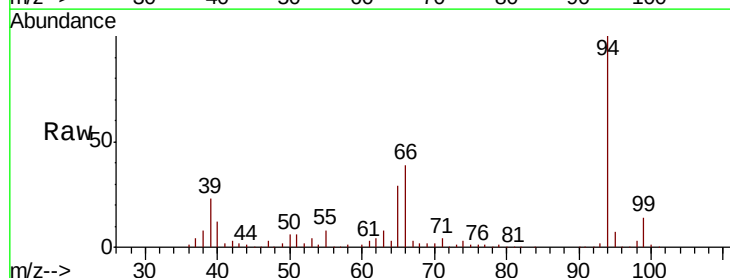
Manual Integrations
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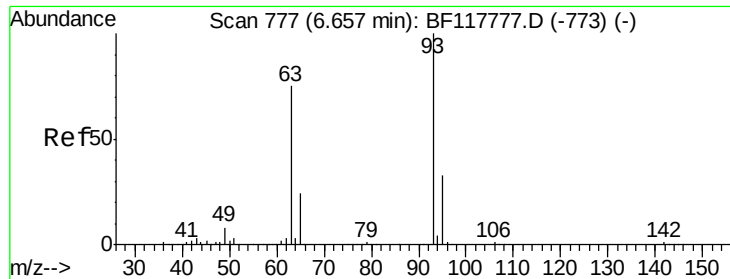
mohammad
11/18/2019 3:06:04 PM



#10
Phenol
Concen: 43.087 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	28.8	8.9	48.9		
66	38.8	18.7	58.7		





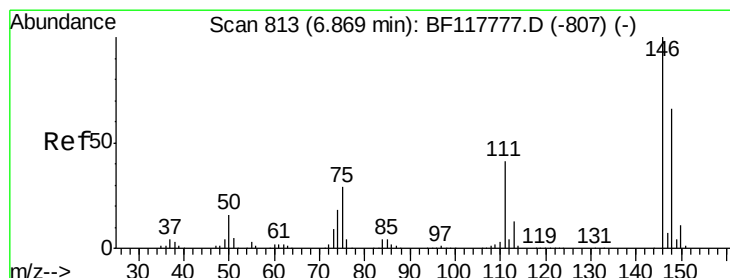
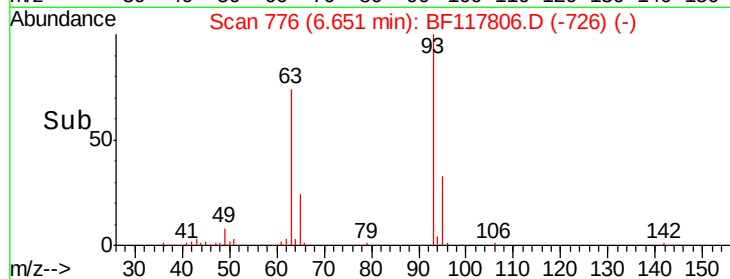
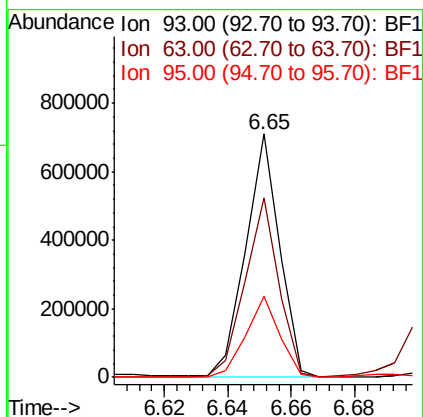
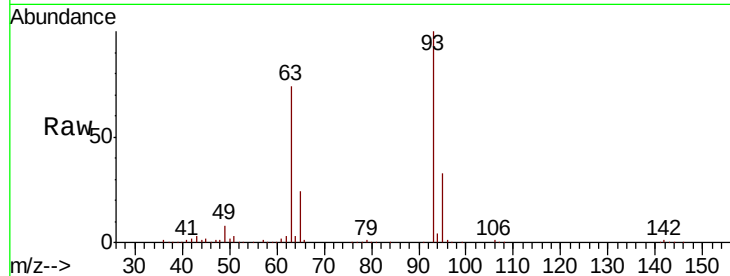
#11
bis(2-Chloroethyl)ether
Concen: 38.639 ng
RT: 6.65 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion:	93	Resp:	524606
Ion Ratio	Lower	Upper	
93	100		
63	73.6	54.8	94.8
95	33.5	12.7	52.7

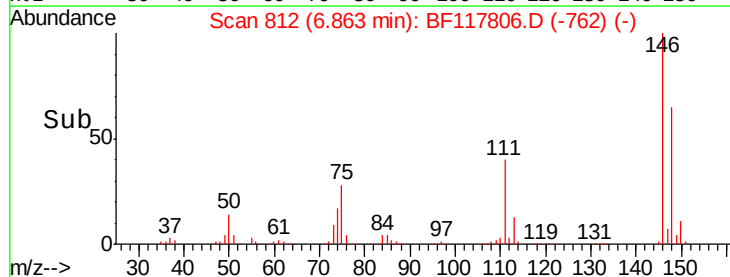
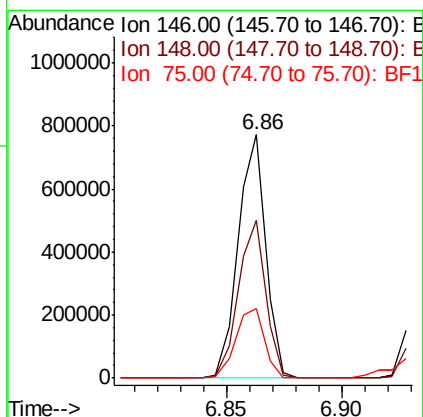
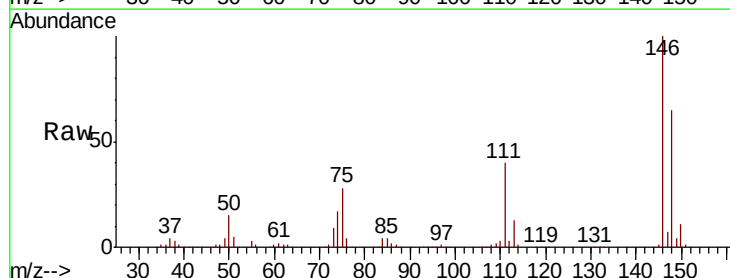
Manual Integrations
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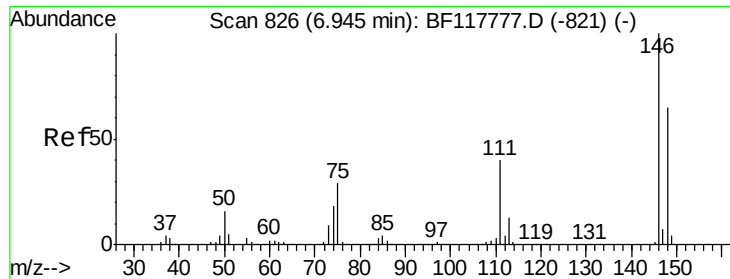
mohammad
11/18/2019 3:06:04 PM



#12
1,3-Dichlorobenzene
Concen: 37.288 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:	146	Resp:	642558
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.8	79.2
75	28.5	23.4	35.0





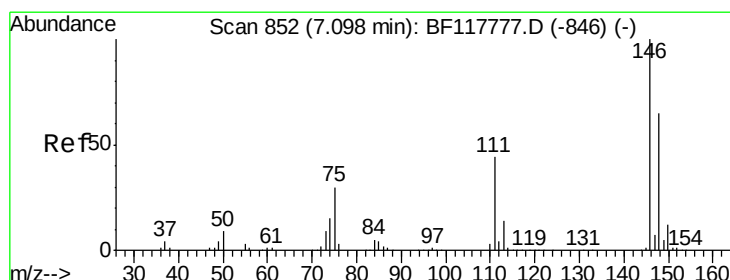
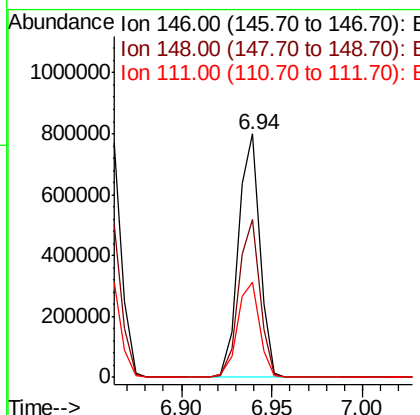
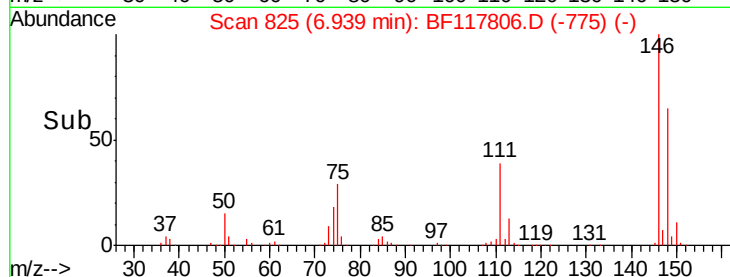
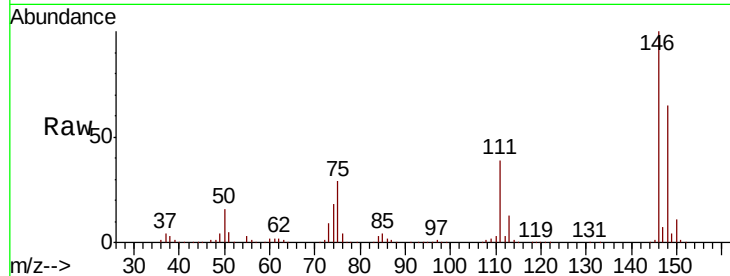
#13
 1,4-Dichlorobenzene
 Concen: 37.554 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Instrument :
 BNA_F
 ClientSampled :
 EP-6MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.3	78.5
111	39.3	32.2	48.4

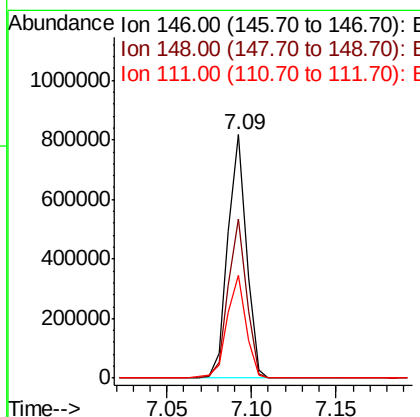
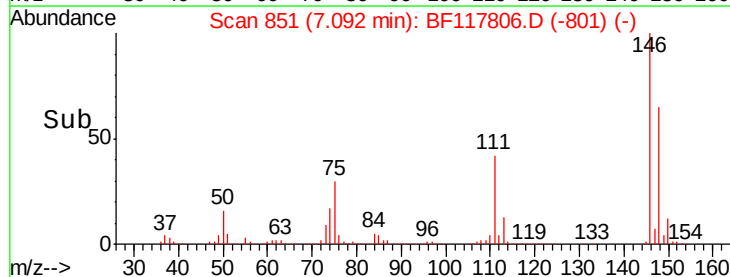
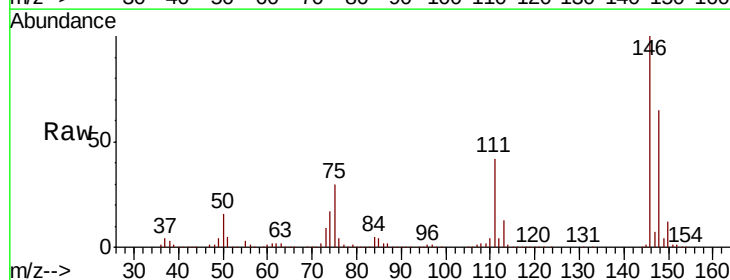
Manual Integrations
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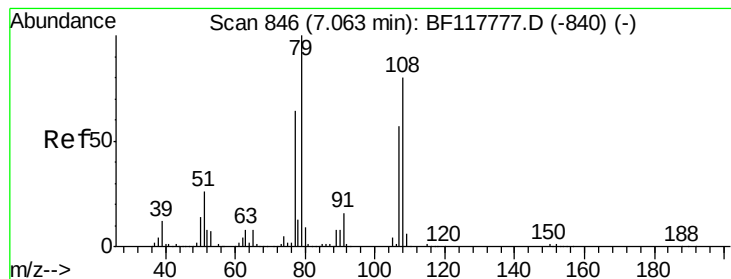
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.368 ng
 RT: 7.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.4	51.8	77.8
111	42.3	35.0	52.6





#15

Benzyl Alcohol

Concen: 40.018 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

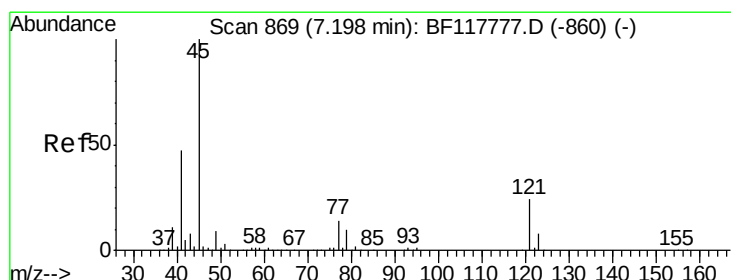
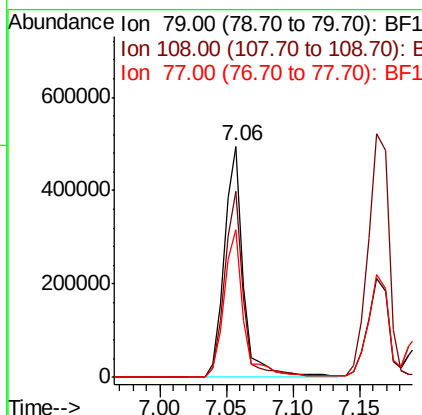
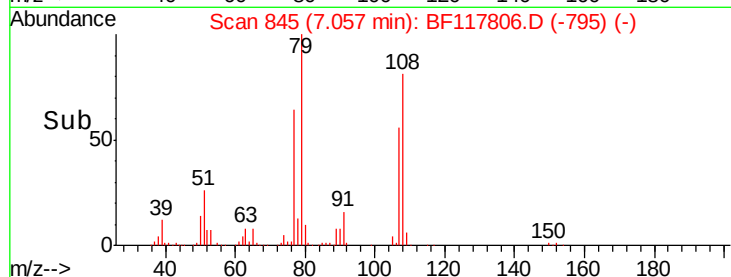
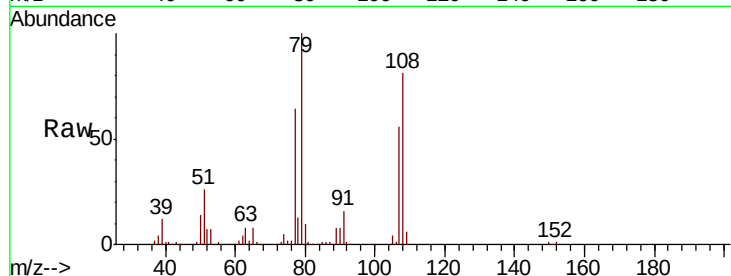
ClientSampleId :

EP-6MS

Tot Ion:	79	Resp:	502683
Ion Ratio	Lower	Upper	
79	100		
108	80.8	64.1	96.1
77	63.8	51.3	76.9

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 36.216 ng

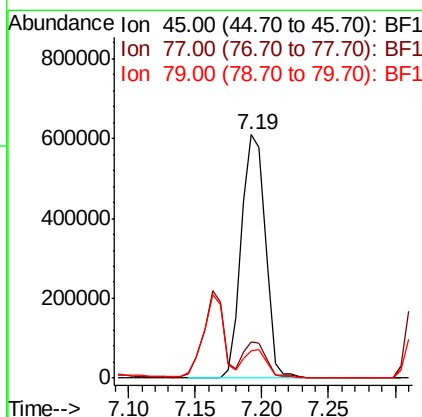
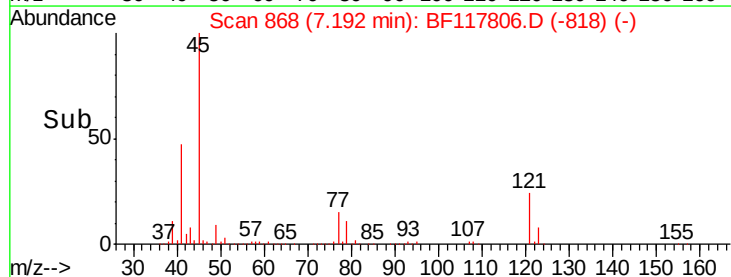
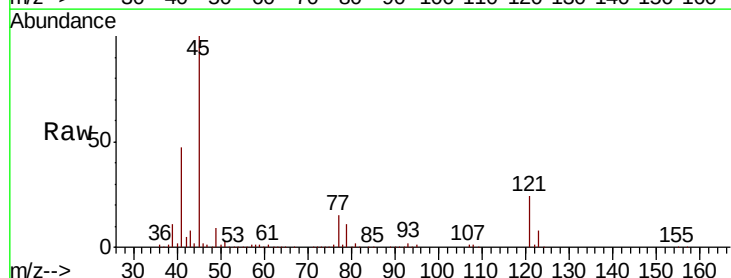
RT: 7.19 min Scan# 868

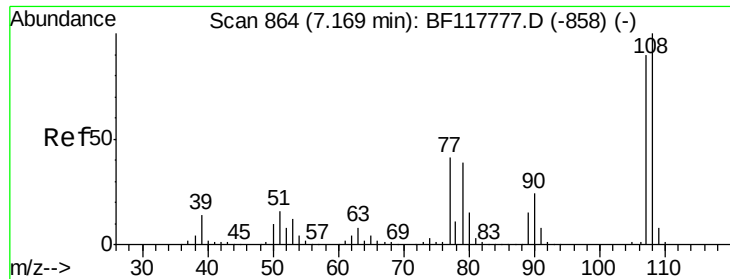
Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Tgt Ion:	45	Resp:	757057
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	35.0
79	11.3	0.0	31.1





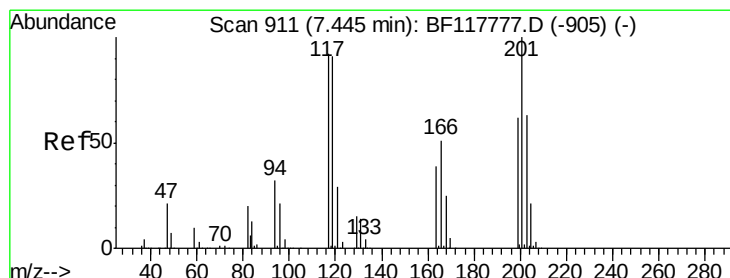
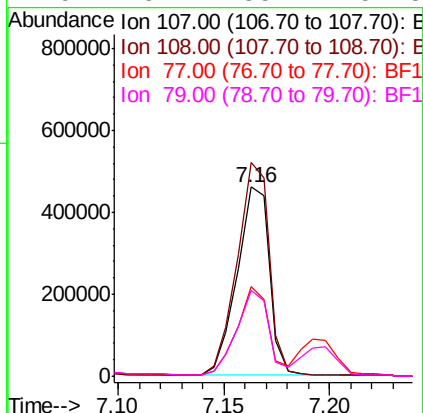
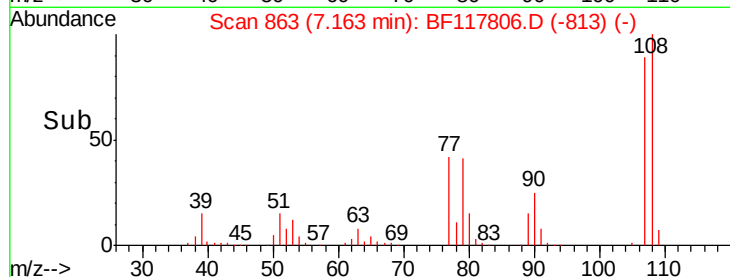
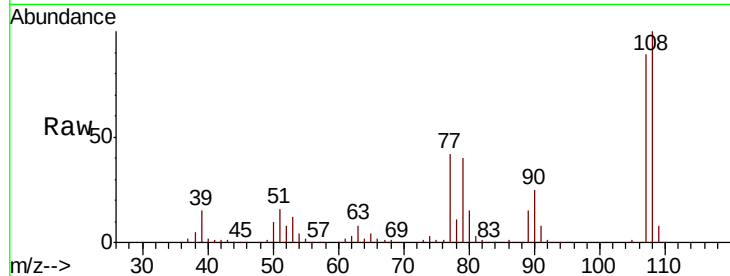
#17
2-Methylphenol
Concen: 39.582 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	89.1	133.7	
77	47.7	36.6	54.8	
79	45.7	35.2	52.8	

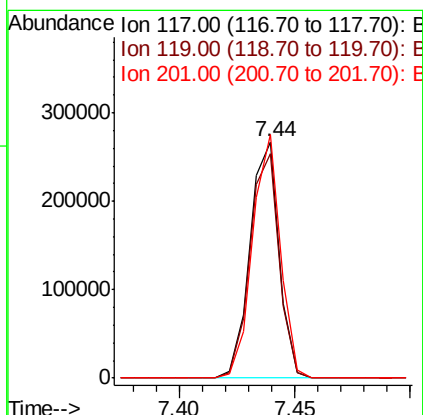
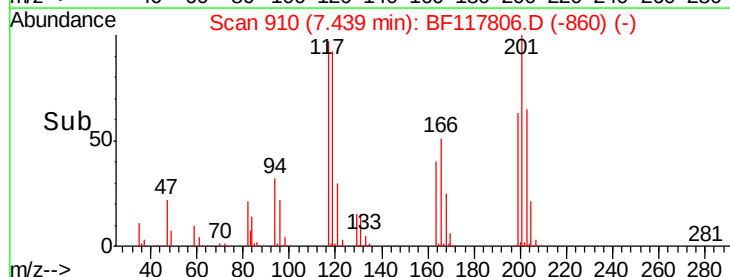
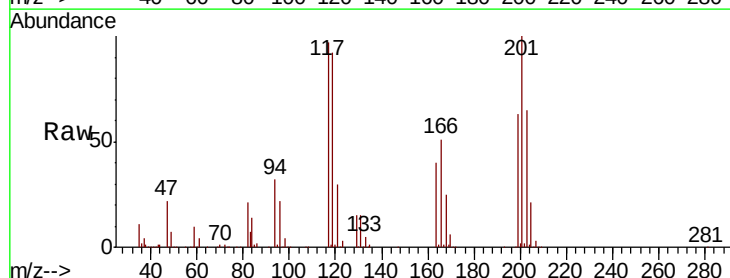
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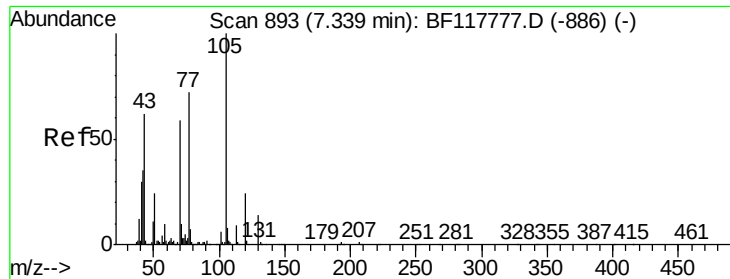
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#18
Hexachloroethane
Concen: 36.763 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.2	78.7	118.1	
201	103.1	86.5	129.7	





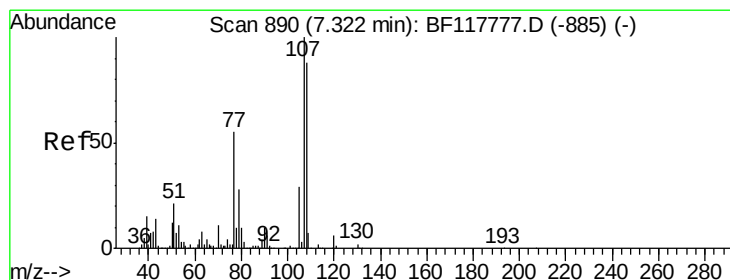
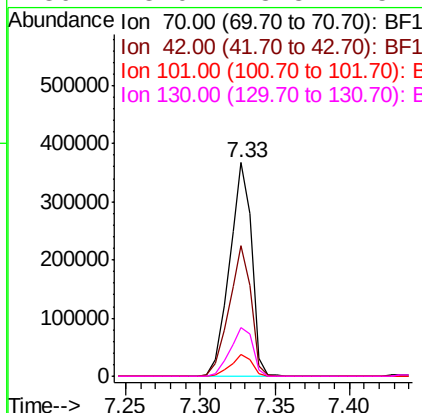
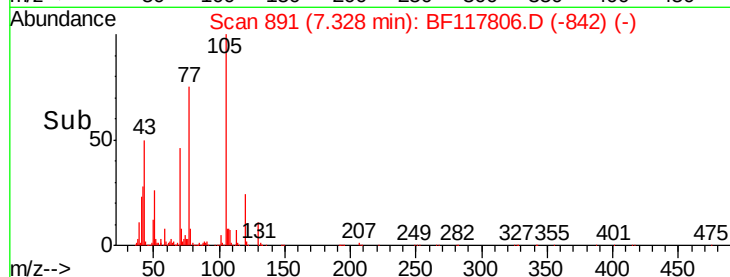
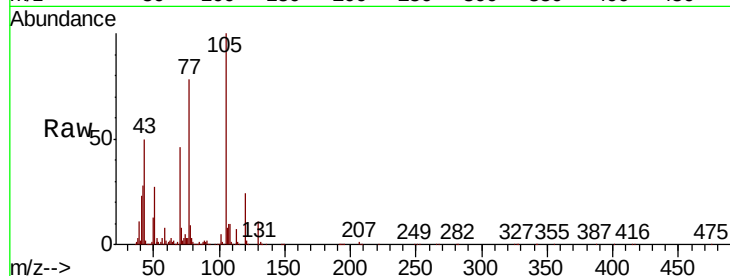
#19
n-Nitroso-di-n-propylamine
Concen: 38.116 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.4	71.2
101	10.1	8.4	12.6
130	23.0	18.8	28.2

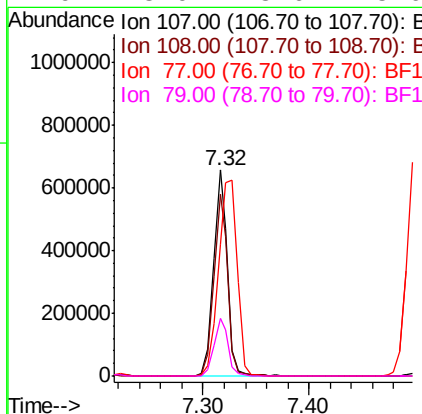
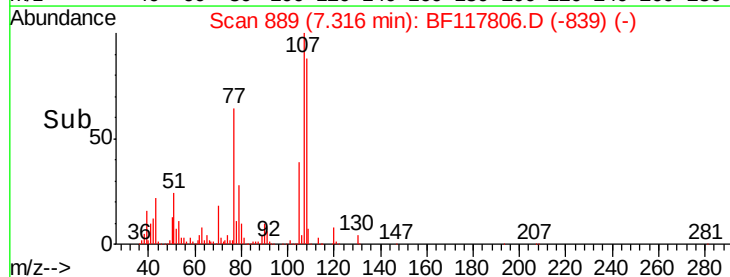
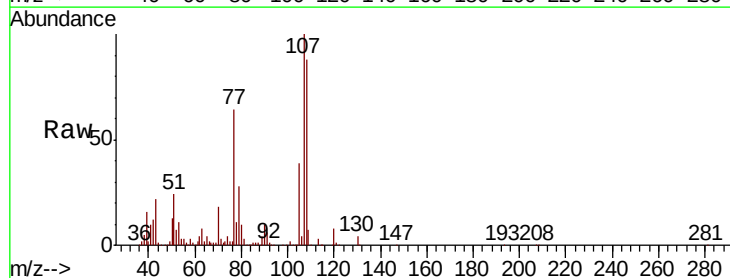
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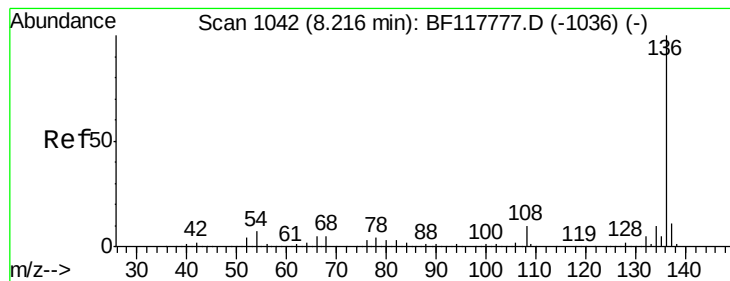
mohammad
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#20
3+4-Methylphenols
Concen: 39.321 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.4	108.4
77	64.1	35.2	75.2
79	28.0	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: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

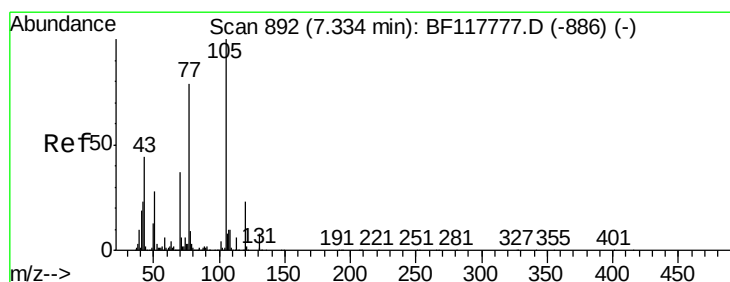
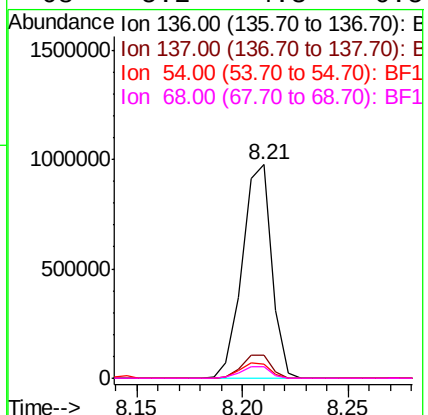
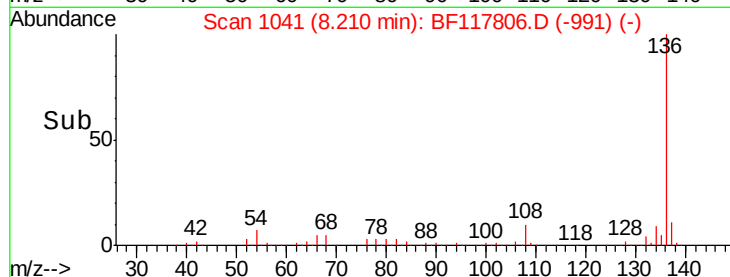
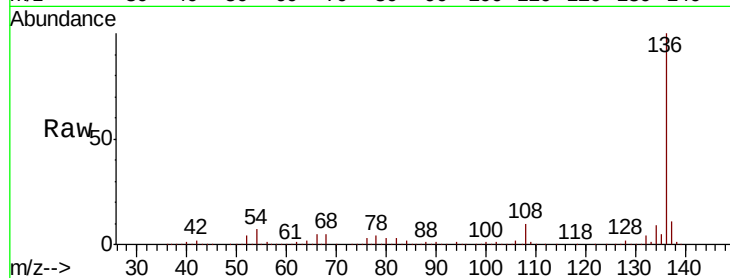
ClientSampleId :

EP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	941446		
137	11.0	9.0	13.4	
54	6.8	5.4	8.2	
68	5.2	4.3	6.5	

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#22

Acetophenone

Concen: 36.969 ng

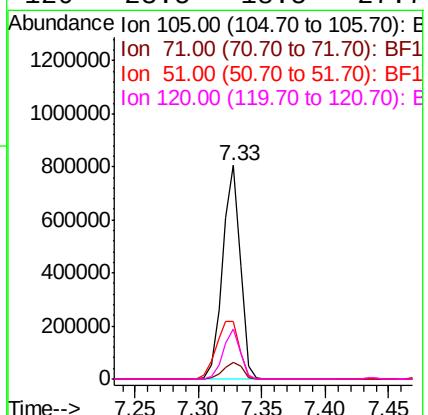
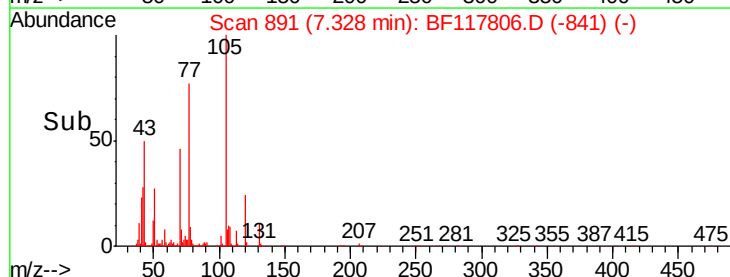
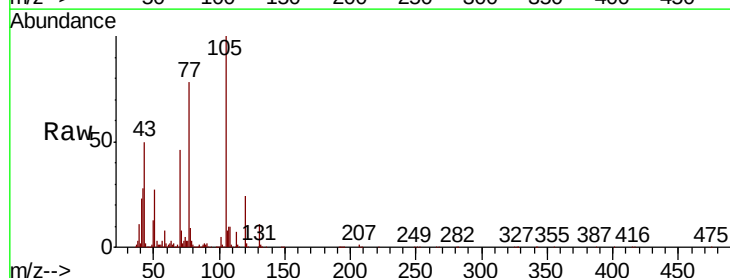
RT: 7.33 min Scan# 891

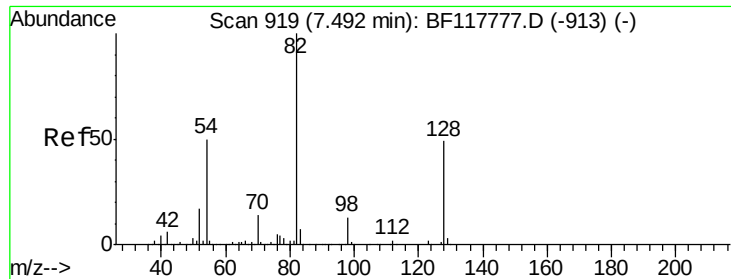
Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	781944		
71	7.7	4.9	7.3#	
51	26.8	22.7	34.1	
120	23.5	18.5	27.7	





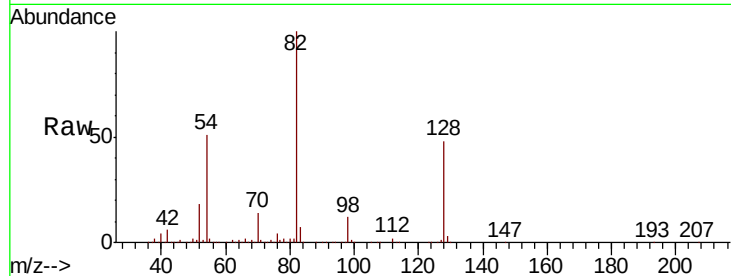
#23
Nitrobenzene-d5
Concen: 56.788 ng
RT: 7.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampled :
EP-6MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.9	58.3
54	50.9	39.8	59.6

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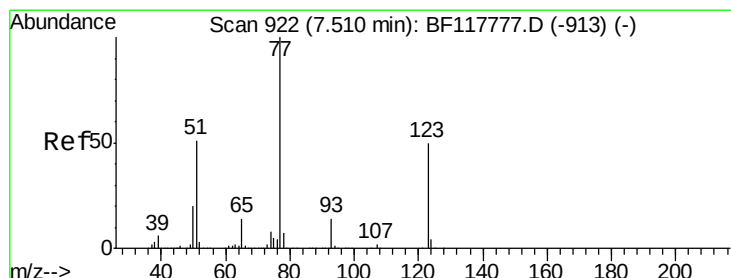
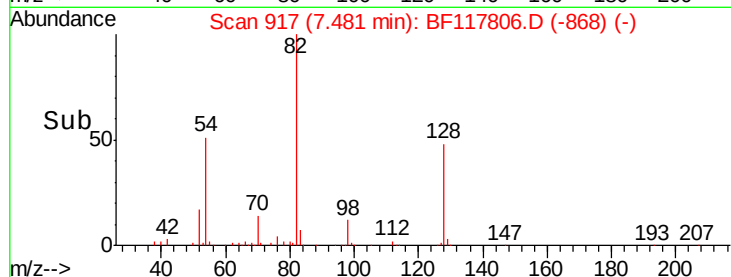
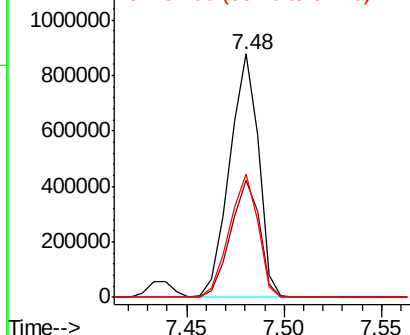


Abundance

Ion 82.00 (81.70 to 82.70): BF1

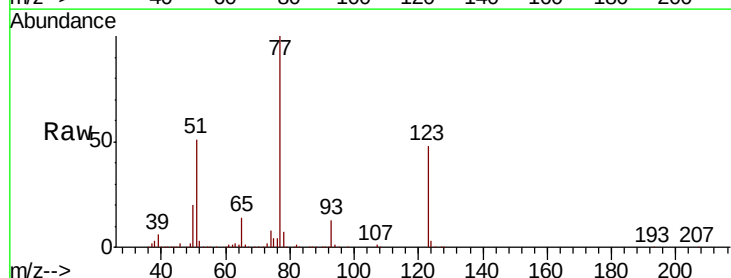
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 38.130 ng
RT: 7.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	40.3	60.5
65	13.8	10.9	16.3

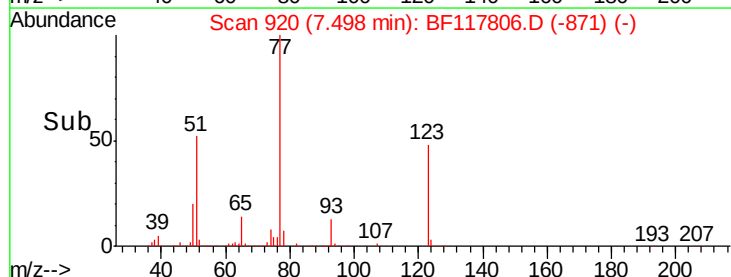
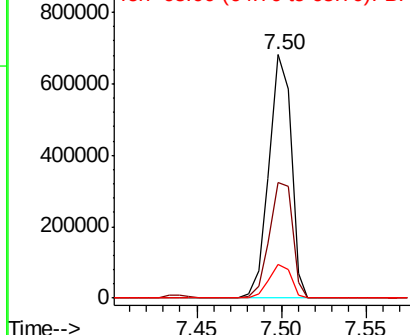


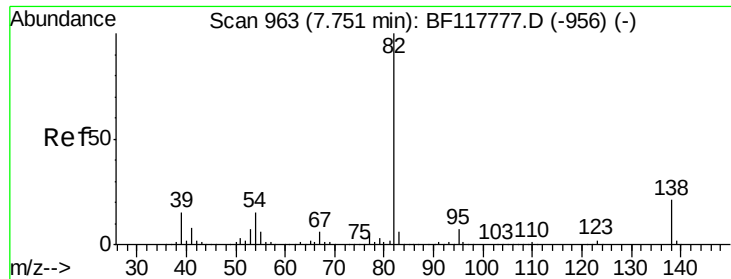
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.485 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleID :

EP-6MS

Tot Ion: 82 Resp: 1088076

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.8

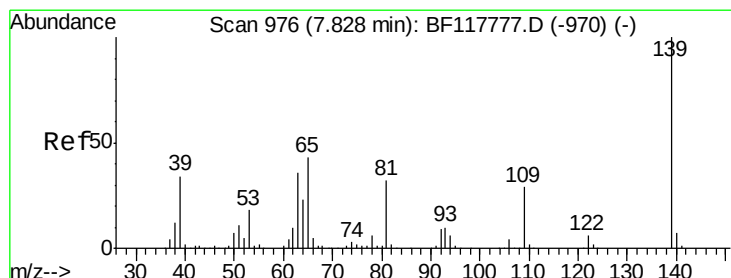
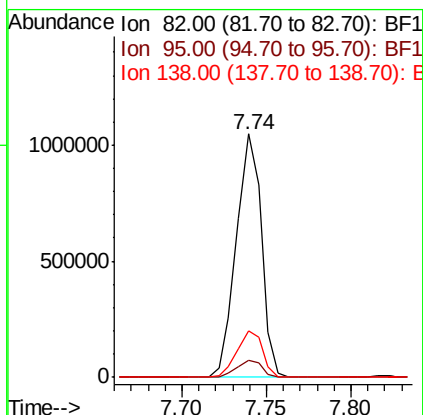
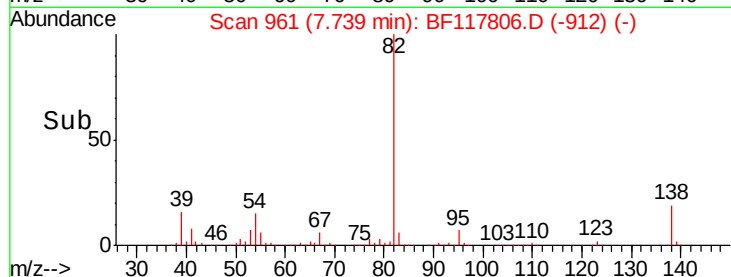
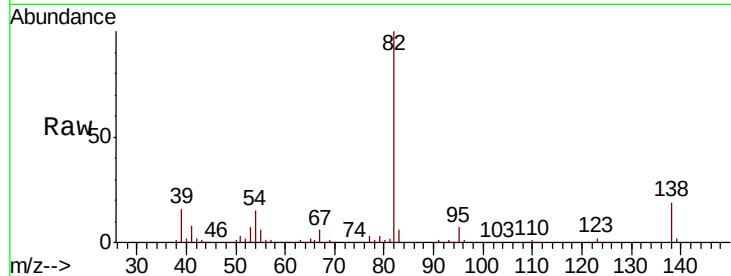
138 19.0 16.5 24.7

Manual Integrations

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#26

2-Nitrophenol

Concen: 41.130 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

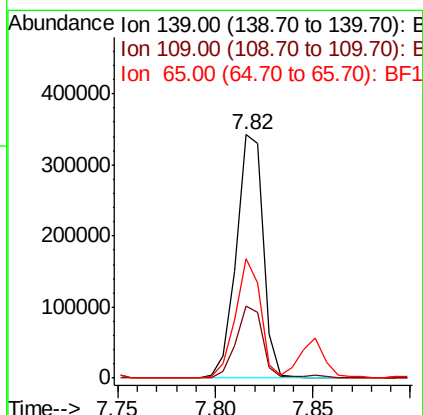
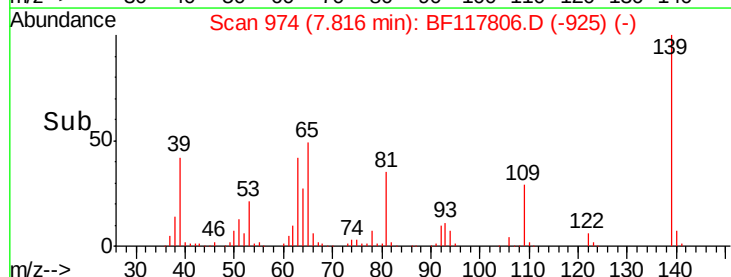
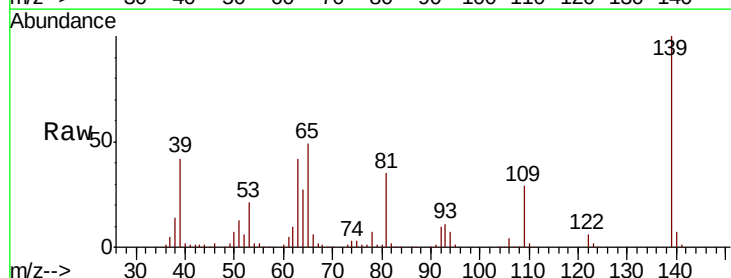
Tgt Ion: 139 Resp: 327071

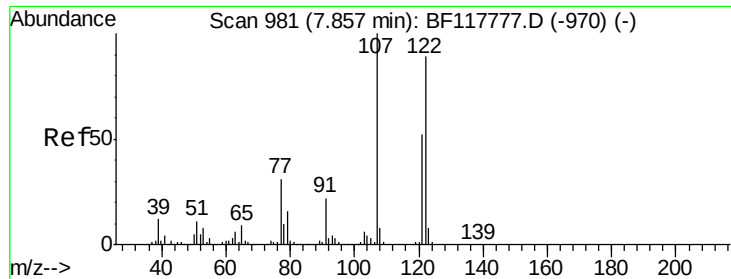
Ion Ratio Lower Upper

139 100

109 29.5 23.0 34.4

65 49.0 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 43.105 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

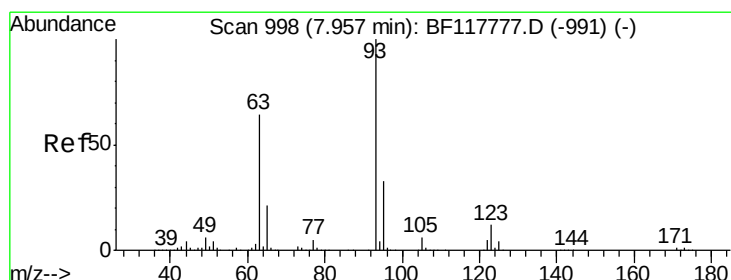
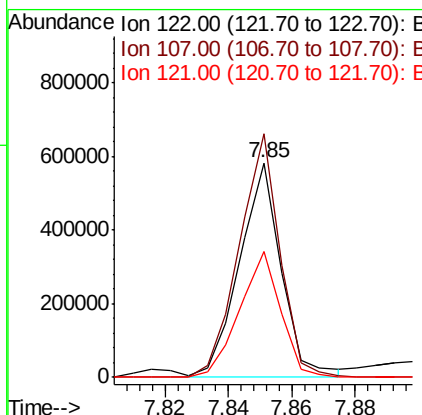
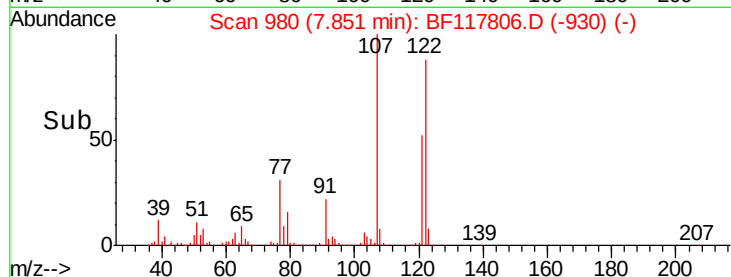
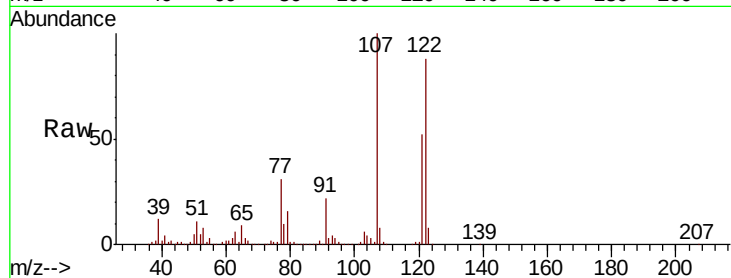
ClientSampleId :

EP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	532635		
107	113.7	90.0	135.0	
121	58.6	46.7	70.1	

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 35.051 ng

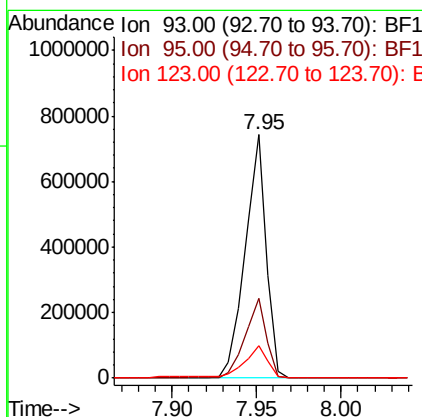
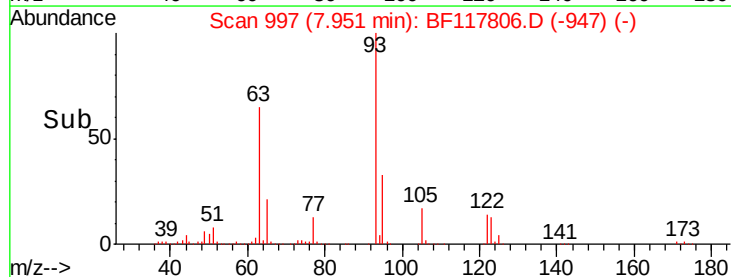
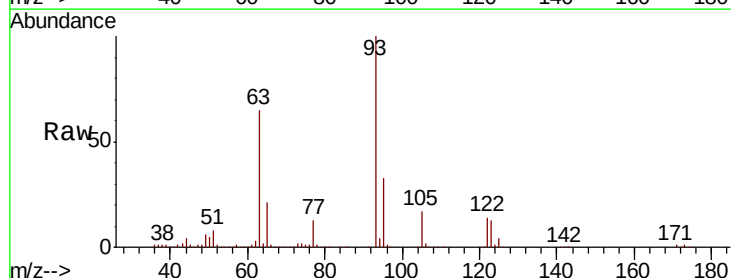
RT: 7.95 min Scan# 997

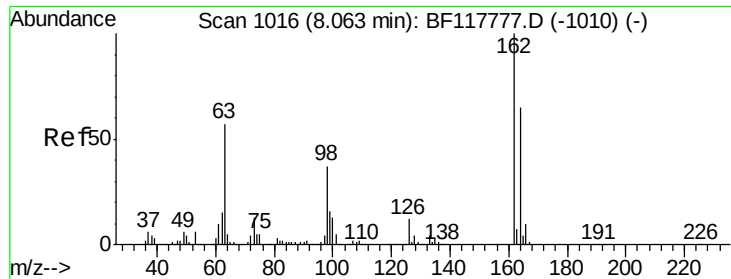
Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	645636		
95	32.7	26.6	40.0	
123	13.2	10.3	15.5	





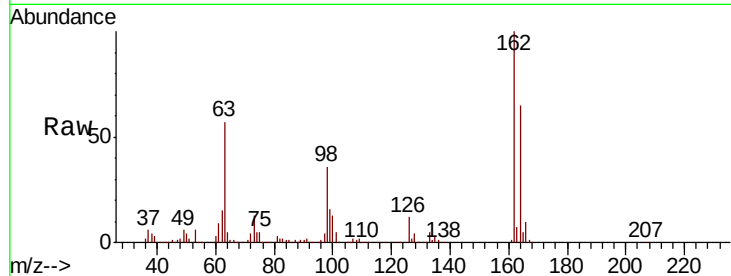
#29
2,4-Dichlorophenol
Concen: 37.984 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	509119		
164	64.6	45.1	85.1	
98	36.3	17.2	57.2	

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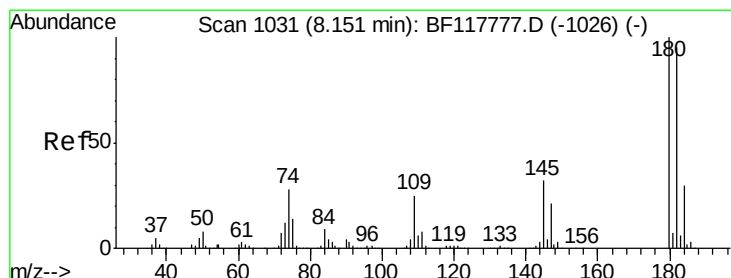
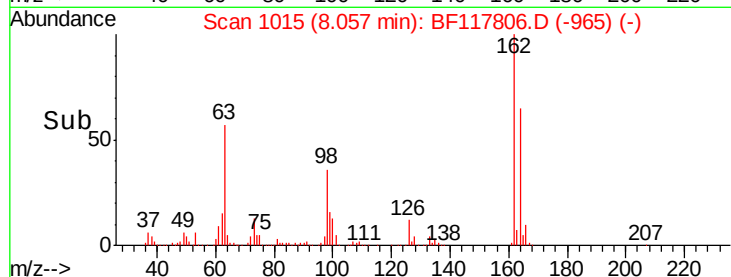
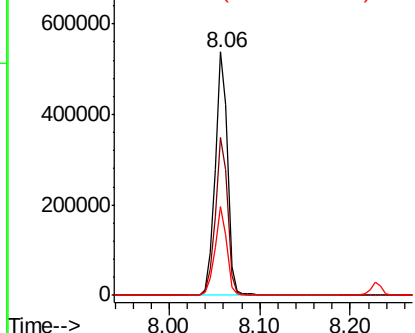


Abundance

Ion 162.00 (161.70 to 162.70): E

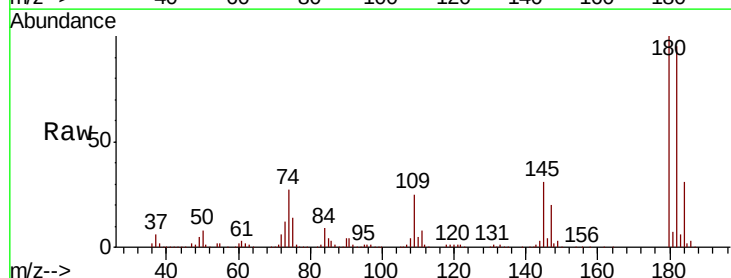
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 35.642 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	554135		
182	94.6	75.8	113.6	
145	31.4	25.5	38.3	

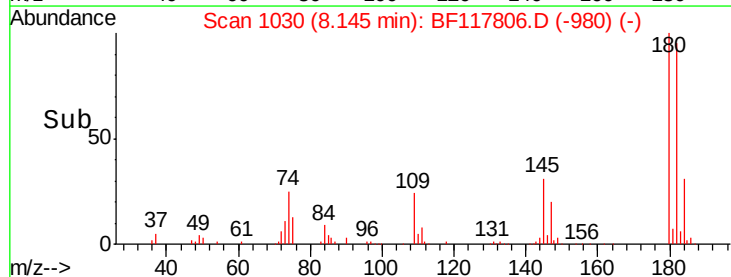
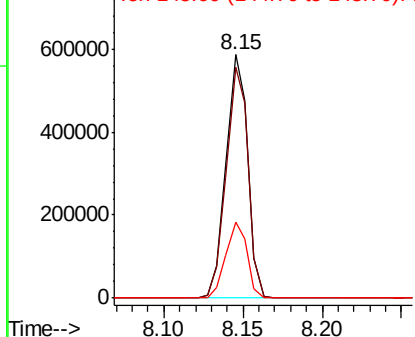


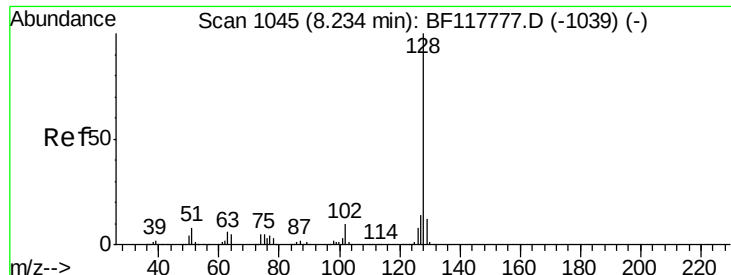
Abundance

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





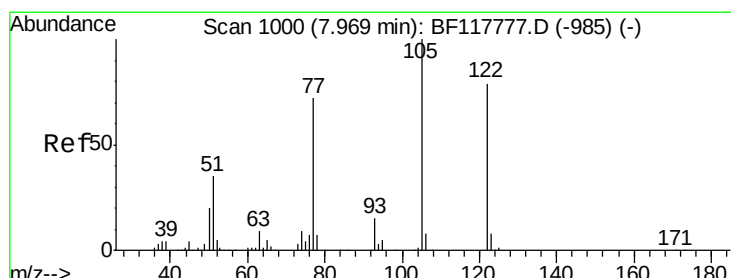
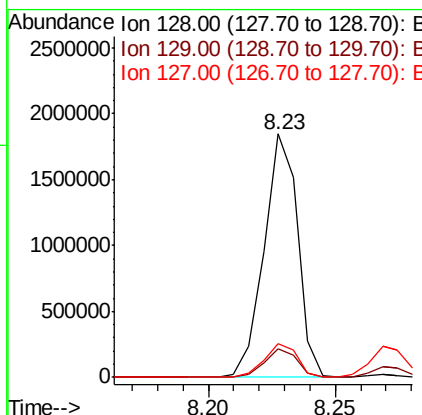
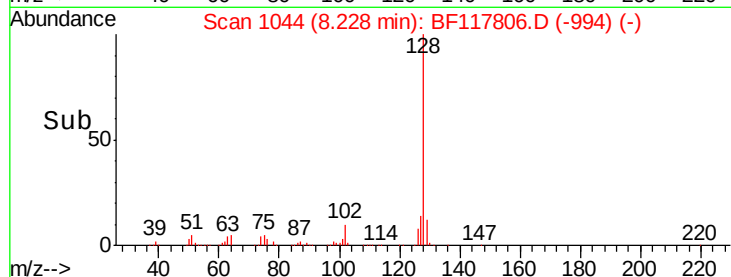
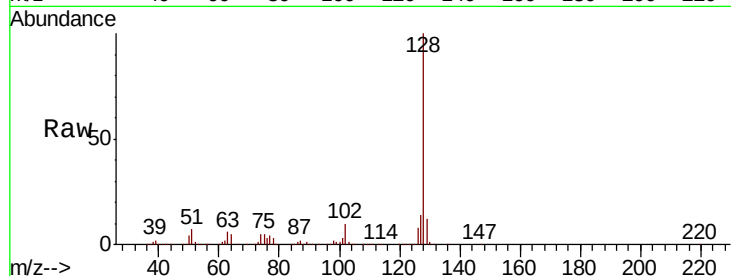
#31
Naphthalene
Concen: 39.077 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampled :
EP-6MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	13.9	11.3	16.9

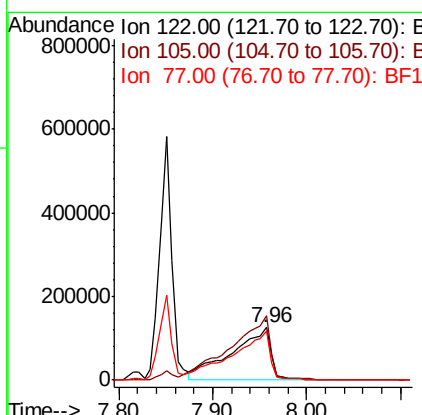
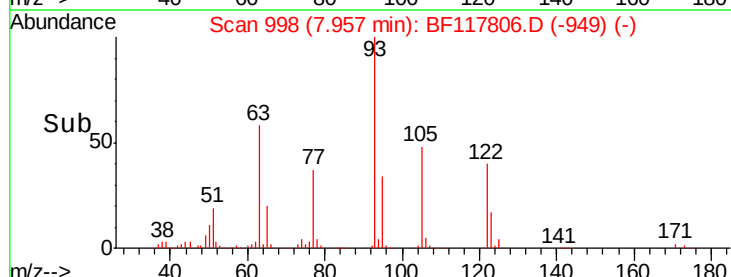
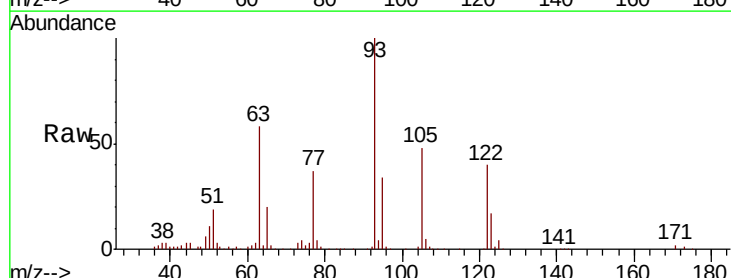
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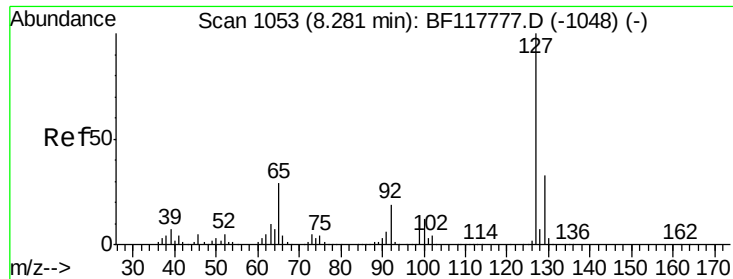
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#32
Benzoic acid
Concen: 35.418 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.8	102.7	142.7
77	93.1	70.5	110.5





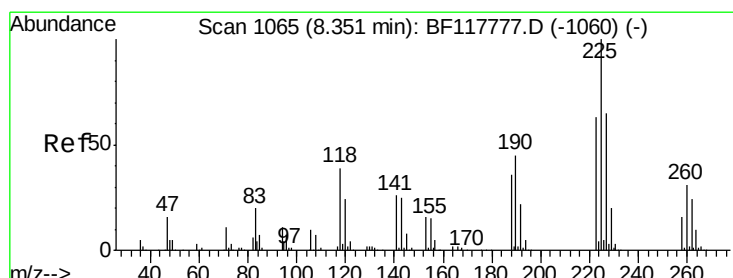
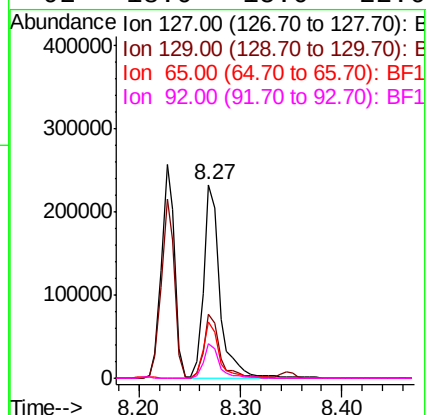
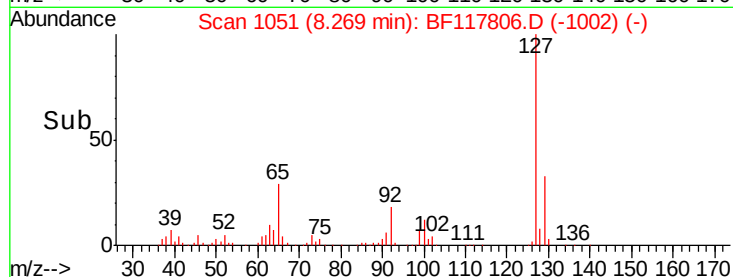
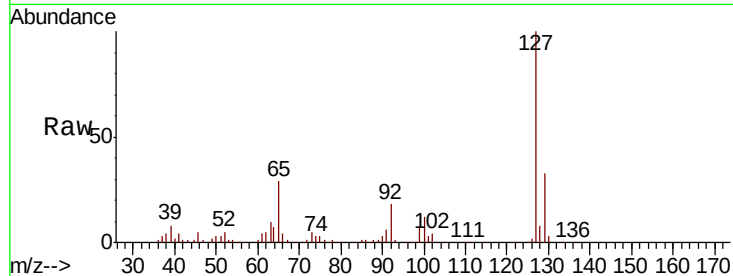
#33
4-Chloroaniline
Concen: 13.273 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		260791		
129	32.8	26.5	39.7		
65	28.9	22.9	34.3		
92	18.0	15.0	22.6		

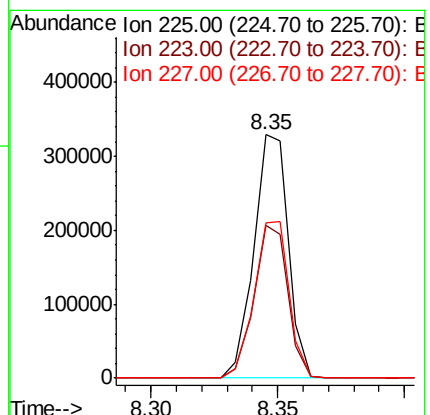
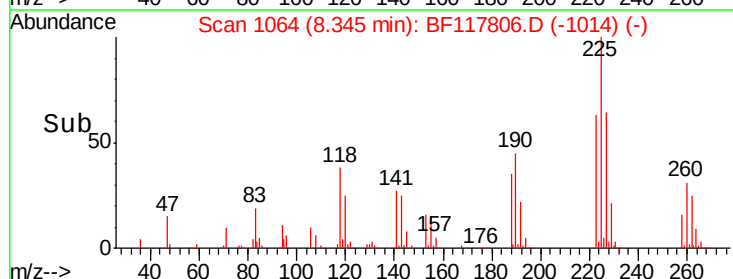
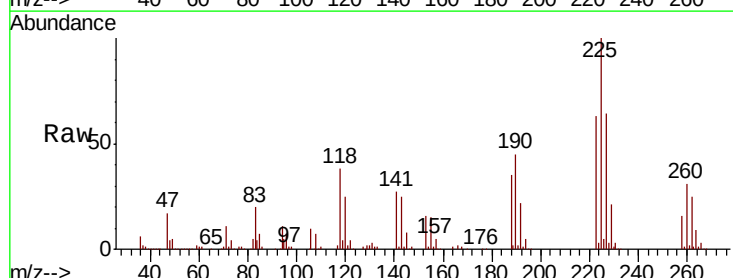
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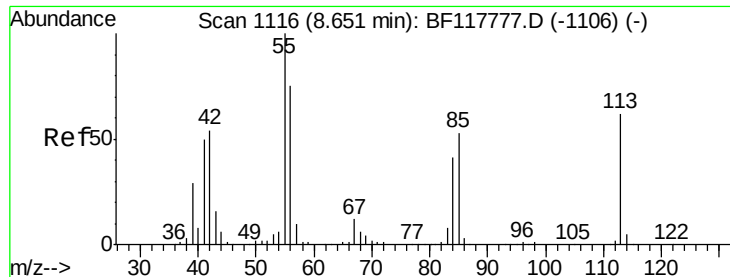
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#34
Hexachlorobutadiene
Concen: 34.256 ng
RT: 8.35 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		311384		
223	63.0	50.0	75.0		
227	63.6	51.8	77.6		





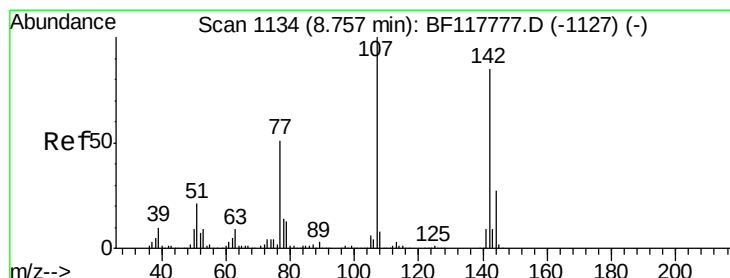
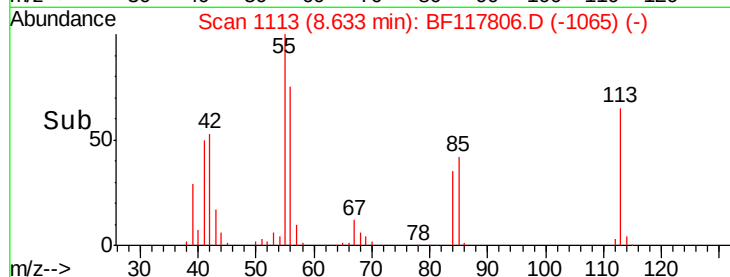
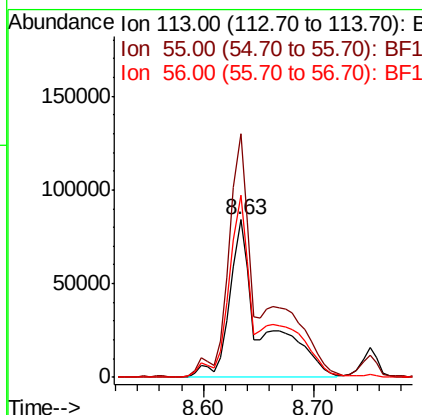
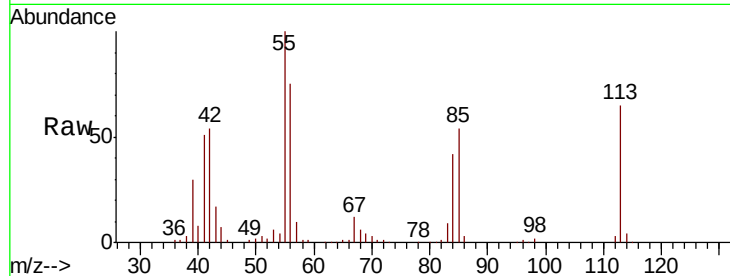
#35
Caprolactam
Concen: 39.981 ng/ml
RT: 8.63 min Scan# 1113
Delta R.T. -0.02 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampled :
EP-6MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	154.6	141.1	181.1
56	115.4	100.5	140.5

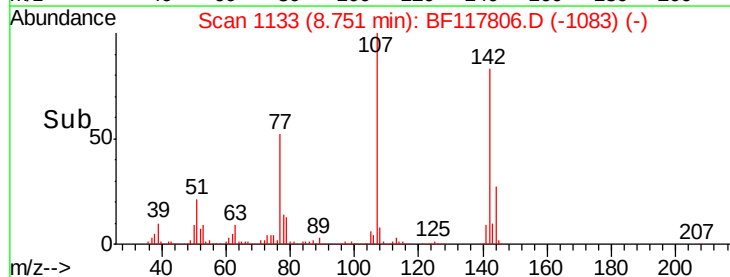
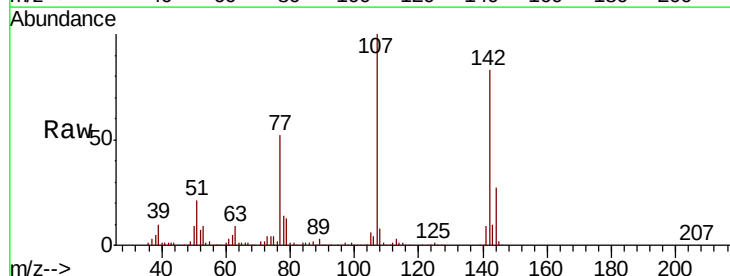
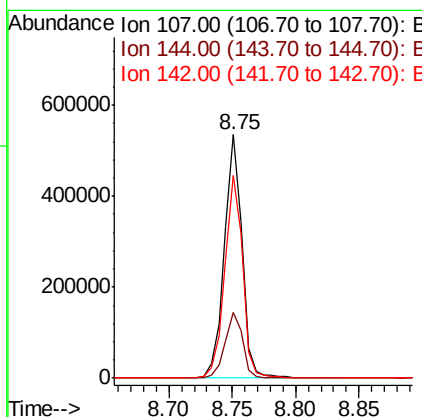
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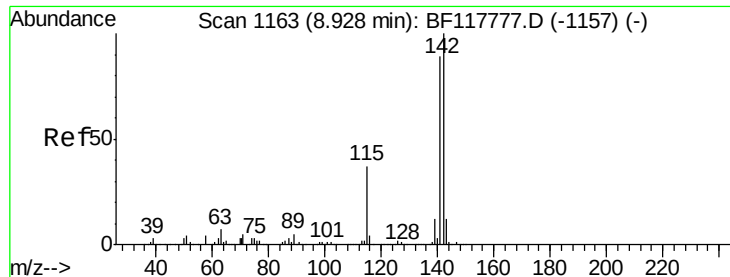
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#36
4-Chloro-3-methylphenol
Concen: 38.281 ng/ml
RT: 8.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	21.9	32.9
142	83.1	67.7	101.5





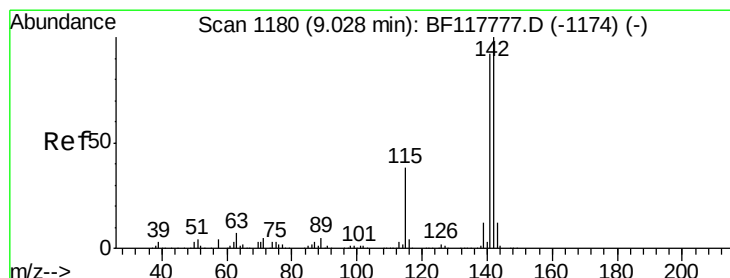
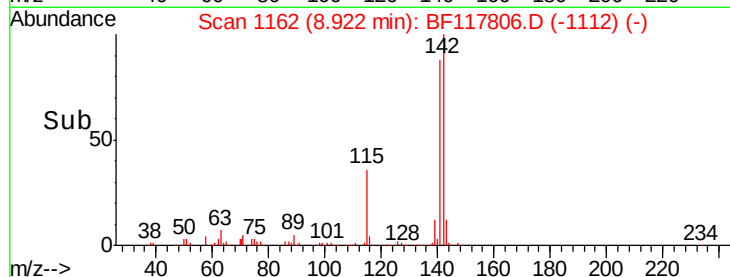
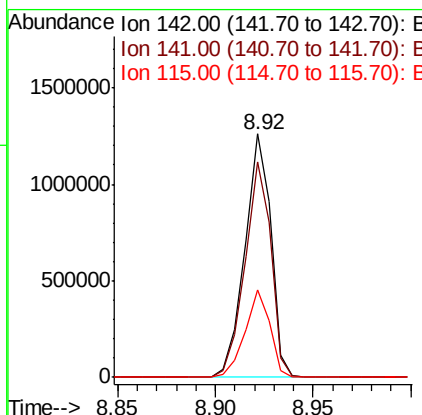
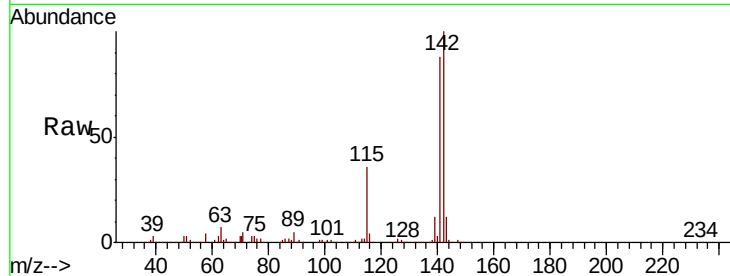
#37
2-Methylnaphthalene
Concen: 39.309 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.1	106.7
115	35.9	29.2	43.8

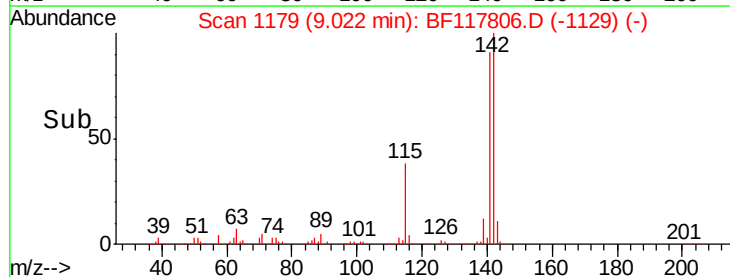
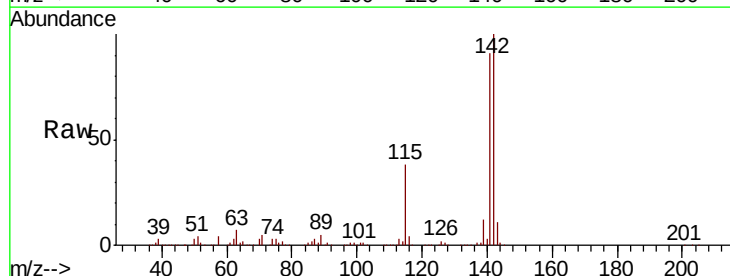
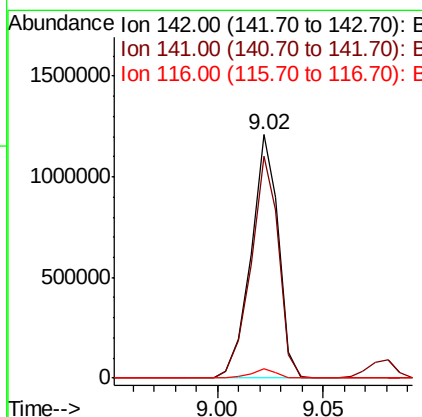
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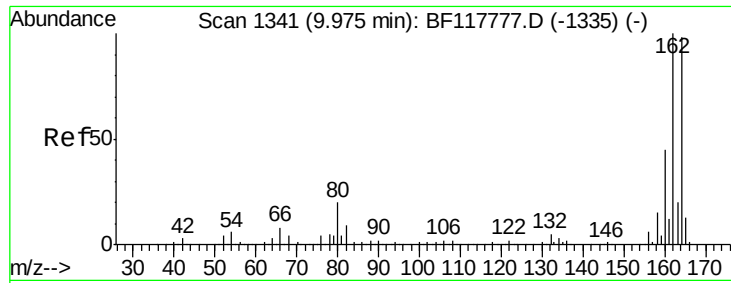
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#38
1-Methylnaphthalene
Concen: 38.849 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.5	110.3
116	3.8	3.2	4.8





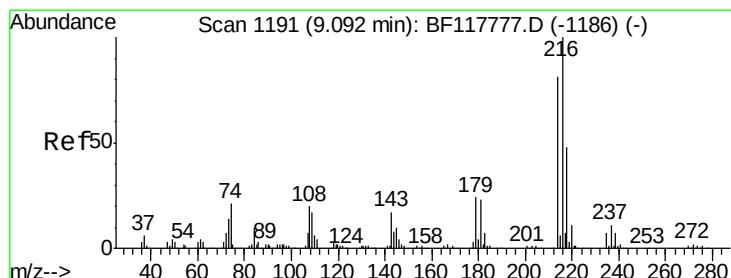
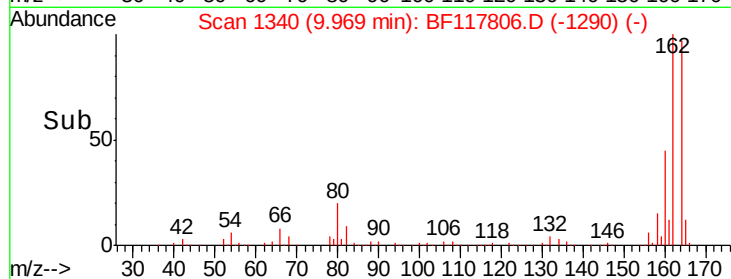
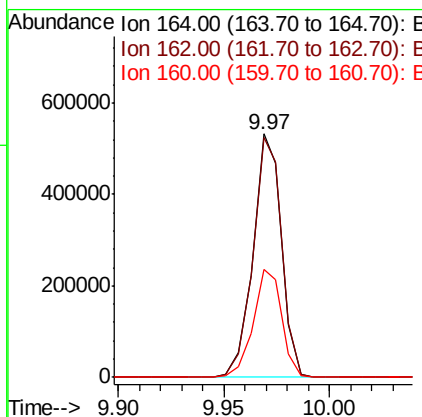
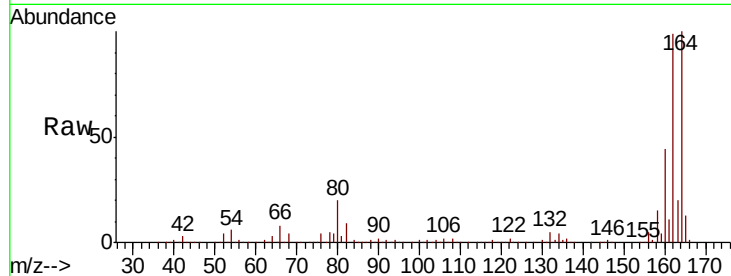
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	98.6	81.3	121.9	
160	44.4	36.6	55.0	

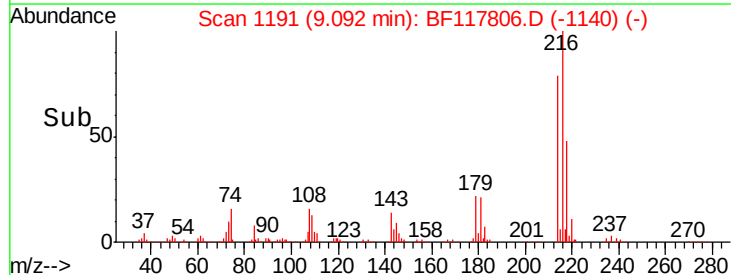
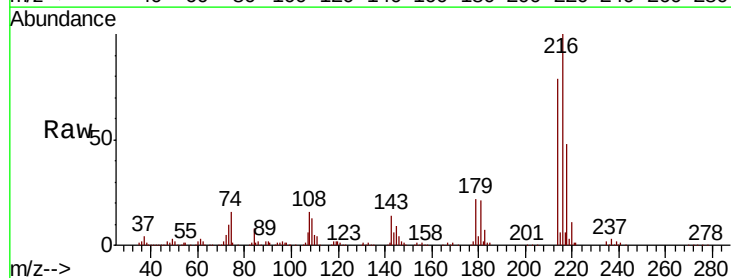
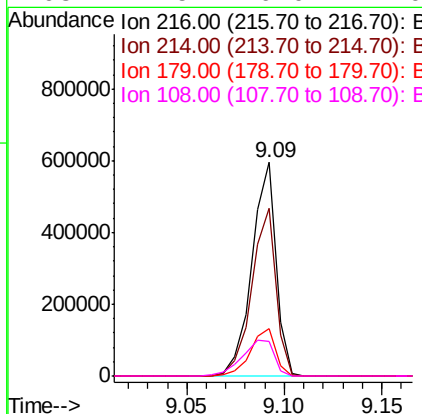
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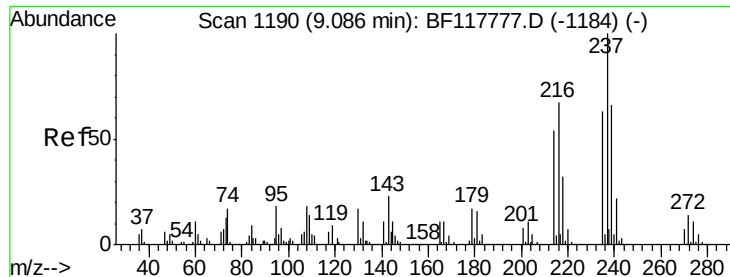
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.405 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.8	63.4	95.0	
179	22.6	18.2	27.4	
108	22.5	16.0	24.0	





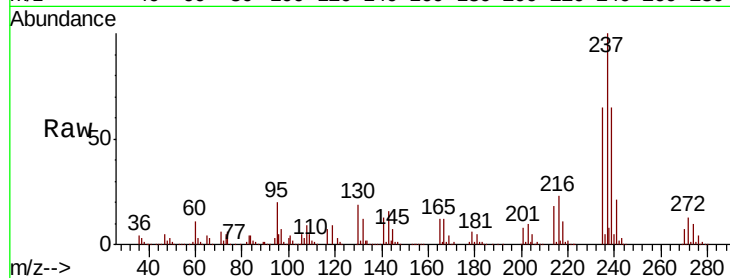
#41
Hexachlorocyclopentadiene
Concen: 81.265 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampled :
EP-6MS

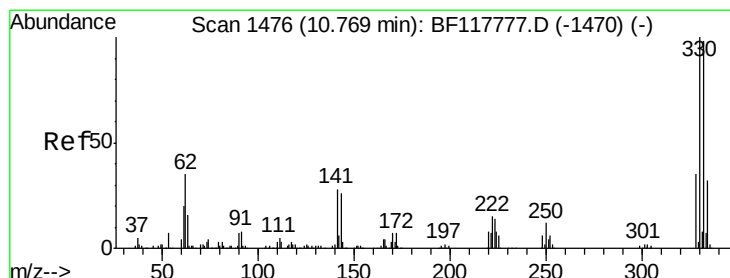
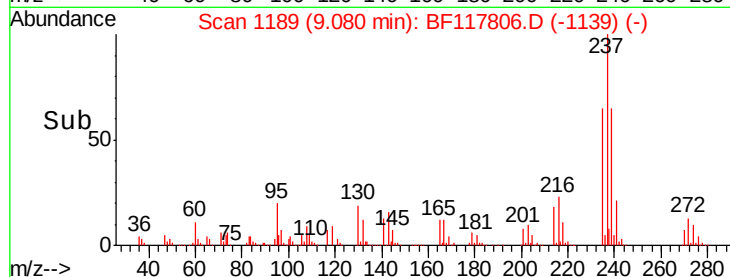
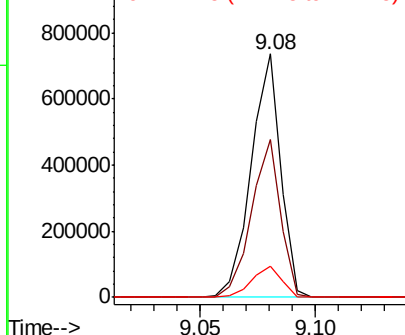
Tot Ion	Ratio	Resp	Lower	Upper
237	100	657024		
235	65.0		42.6	82.6
272	13.0		0.0	34.3

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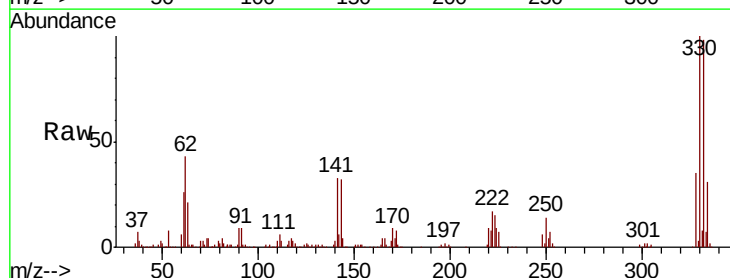


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

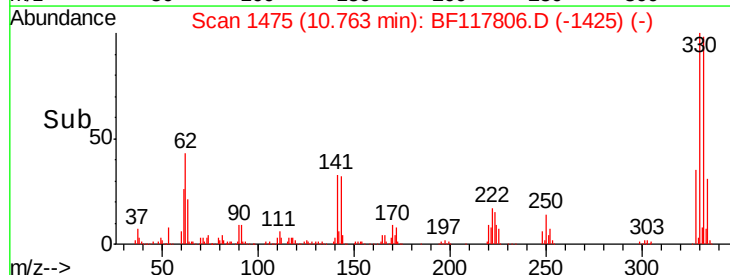
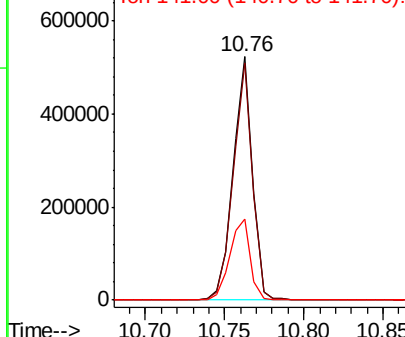


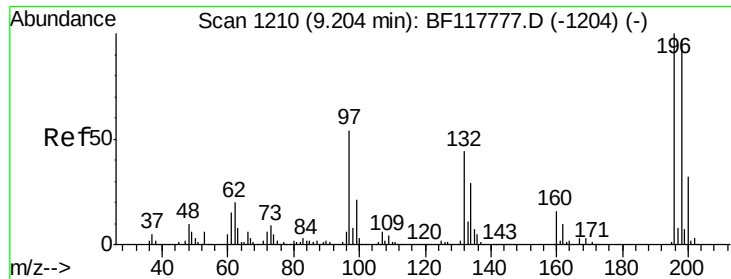
#42
2,4,6-Tribromophenol
Concen: 84.402 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	443907		
332	97.1		76.7	115.1
141	35.4		27.7	41.5



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





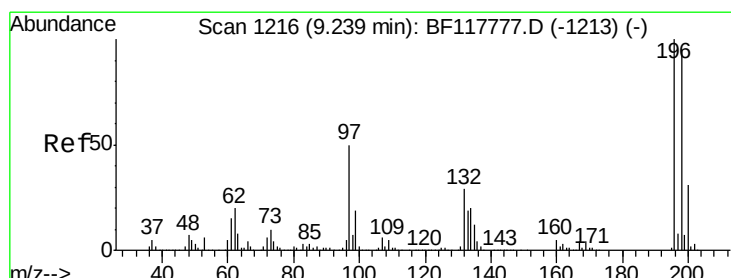
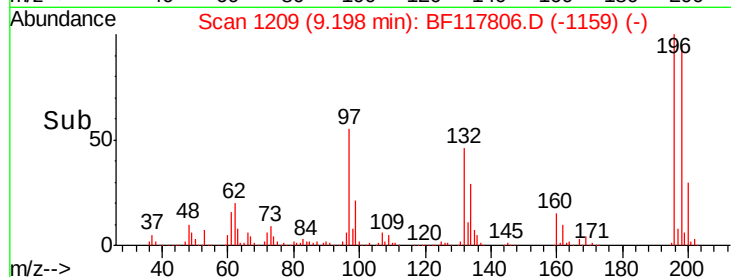
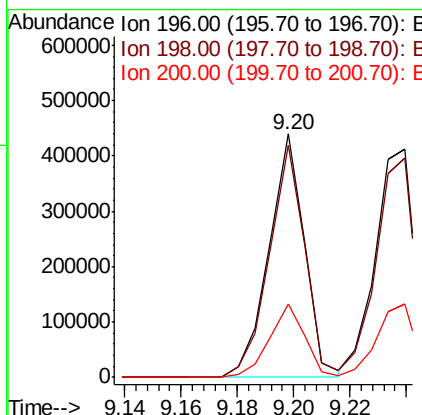
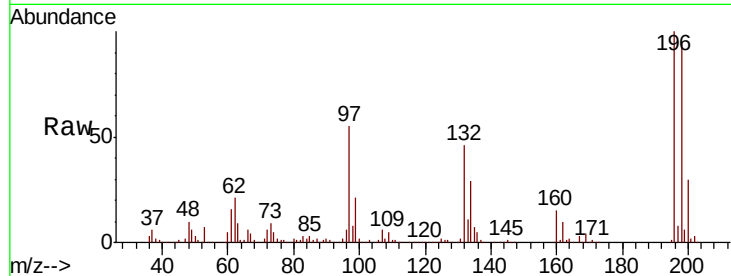
#43
 2,4,6-Trichlorophenol
 Concen: 37.216 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Instrument :
 BNA_F
 ClientSampled :
 EP-6MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	384574		
198	95.3	77.8	116.6	
200	30.0	25.4	38.0	

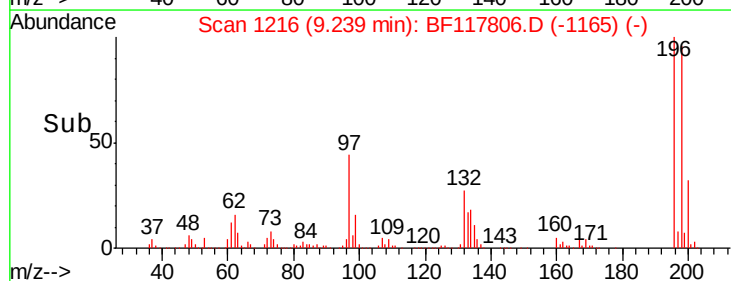
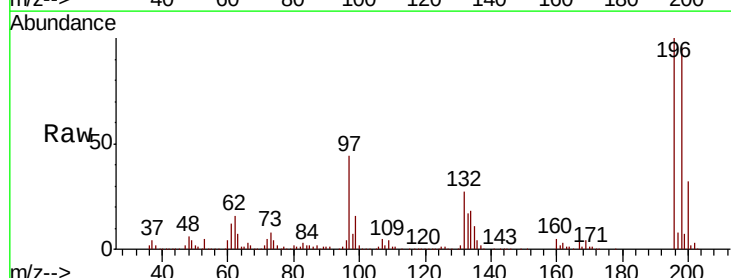
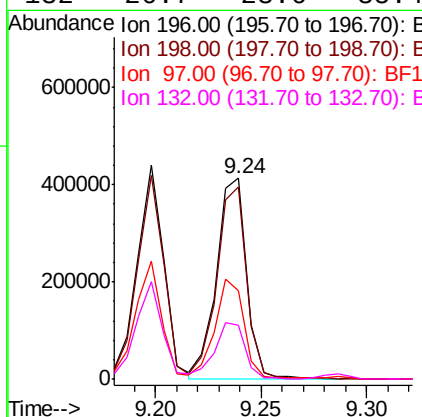
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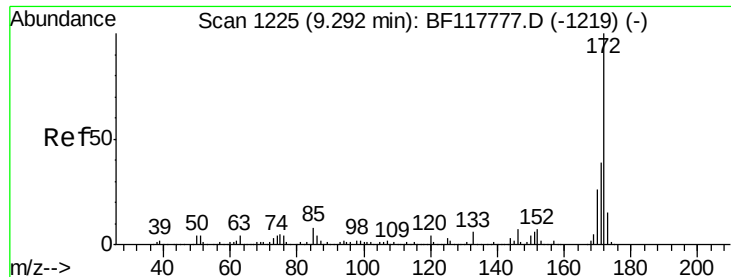
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#44
 2,4,5-Trichlorophenol
 Concen: 37.834 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	405928		
198	96.0	76.3	114.5	
97	43.8	40.0	60.0	
132	26.7	23.6	35.4	





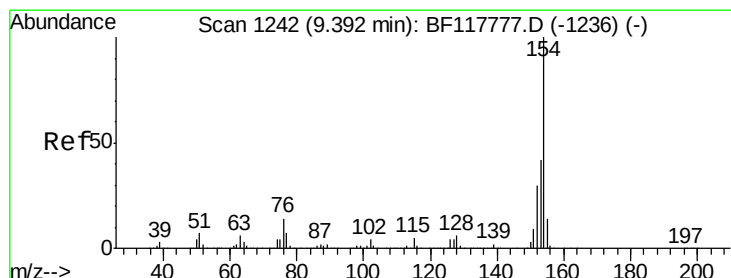
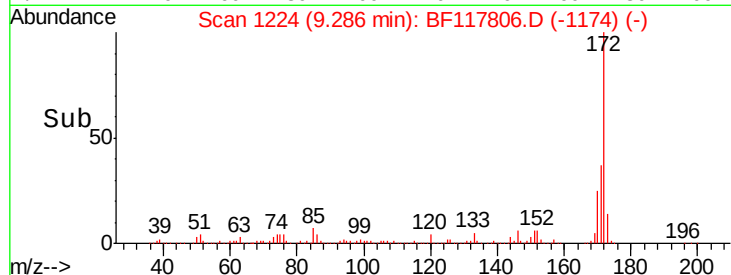
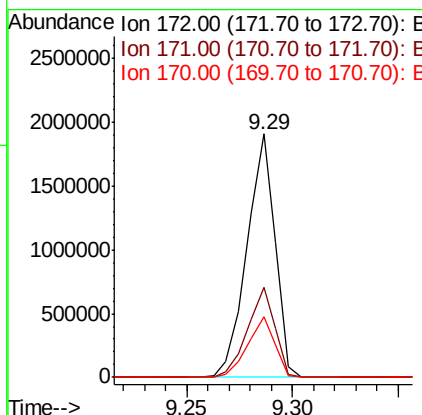
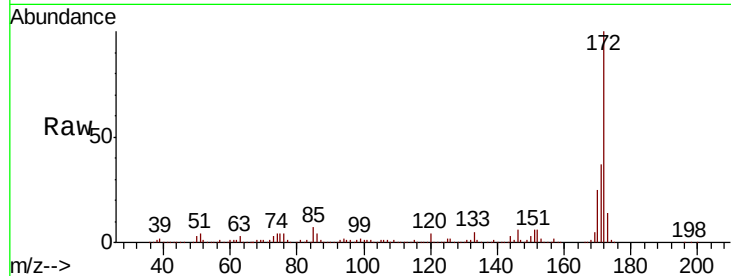
#45
2-Fluorobiphenyl
Concen: 63.698 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampled :
EP-6MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	37.0	30.9	46.3	
170	25.0	21.0	31.4	

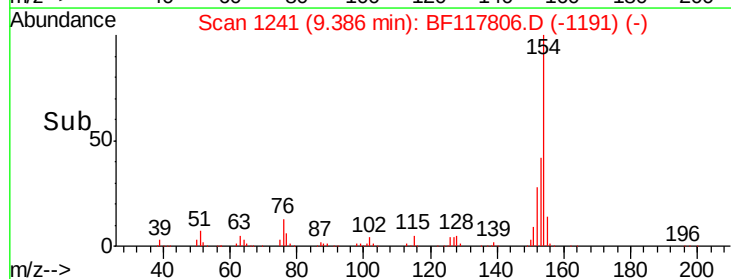
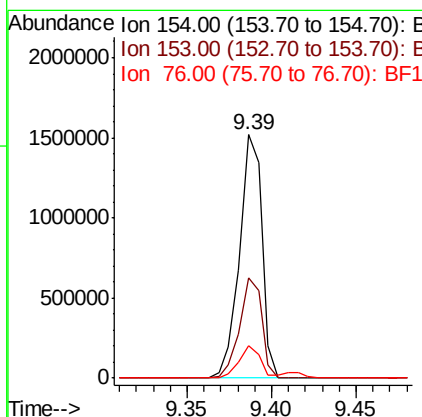
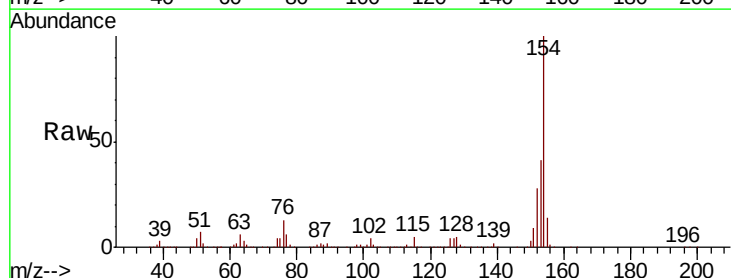
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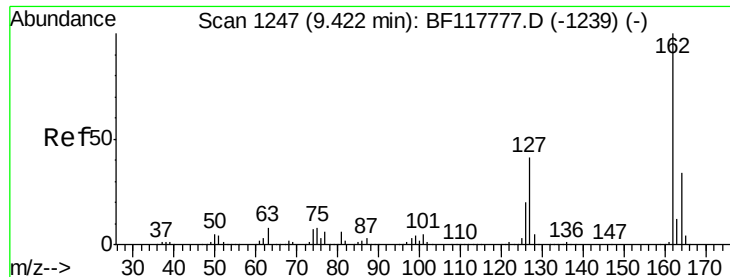
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#46
1,1'-Biphenyl
Concen: 38.016 ng
RT: 9.39 min Scan# 1241
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.4	21.9	61.9	
76	13.3	0.0	33.6	





#47

2-Chloronaphthalene

Concen: 36.067 ng

RT: 9.42 min Scan# 1246

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

EP-6MS

Tot Ion: 162 Resp: 1093567

Ion Ratio Lower Upper

162 100

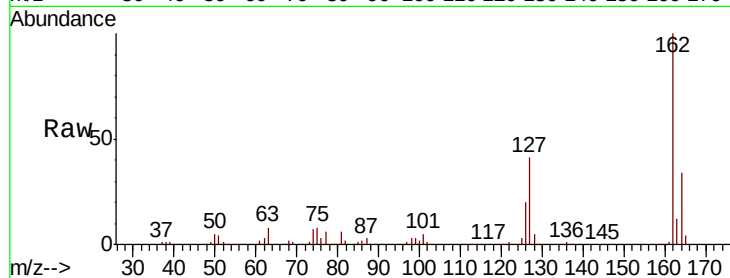
127 40.6 33.2 49.8

164 33.5 27.3 40.9

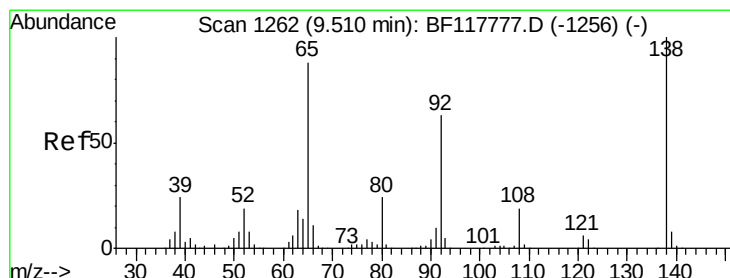
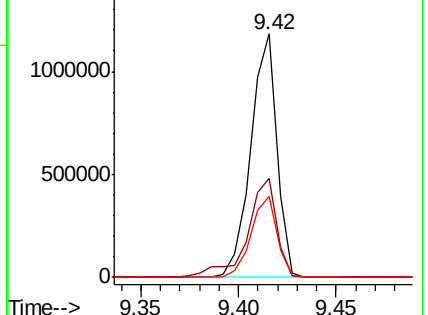
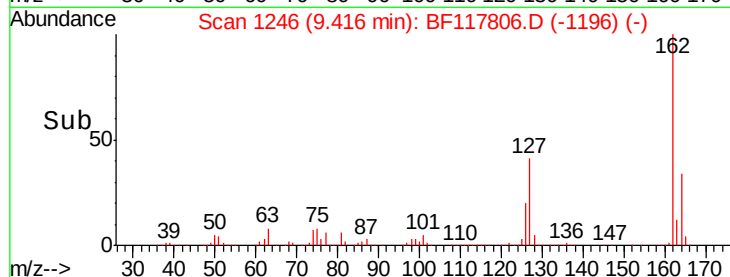
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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 36.185 ng

RT: 9.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

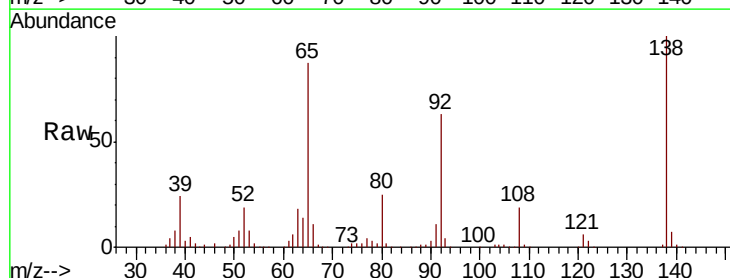
Tgt Ion: 65 Resp: 331237

Ion Ratio Lower Upper

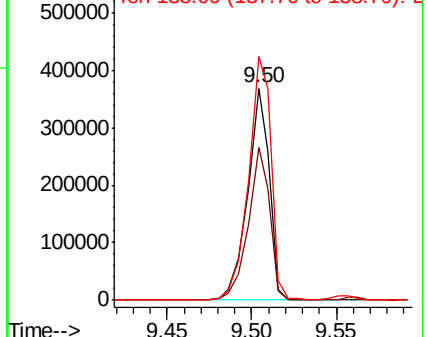
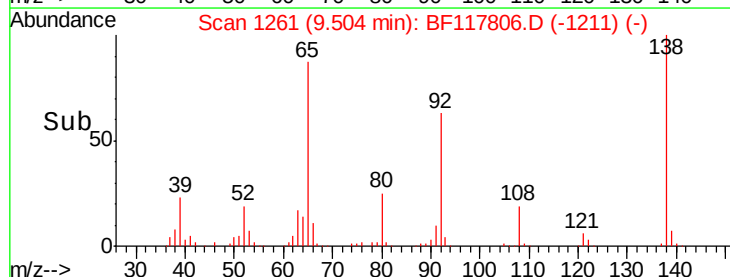
65 100

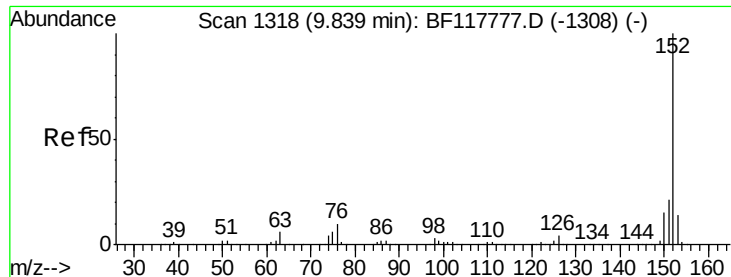
92 72.1 56.6 84.8

138 115.0 90.5 135.7



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





#49

Acenaphthylene

Concen: 39.235 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampled :

EP-6MS

Tot Ion:152 Resp: 1734414

Ion Ratio Lower Upper

152 100

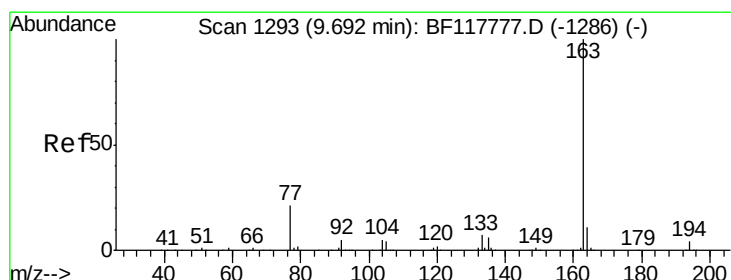
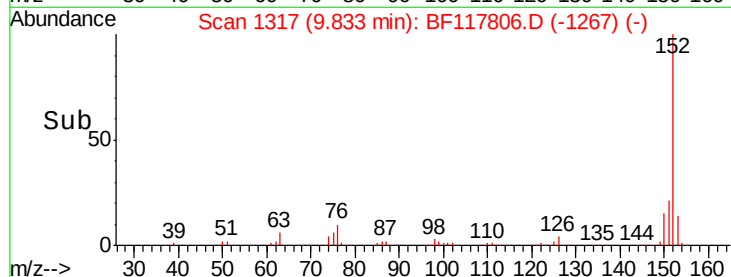
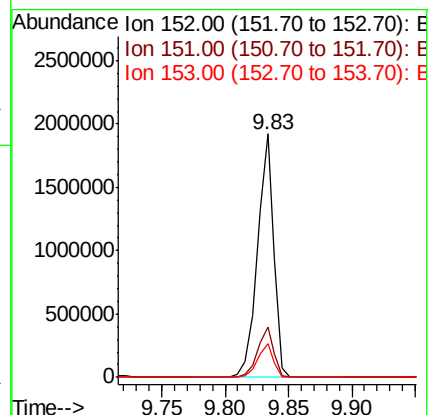
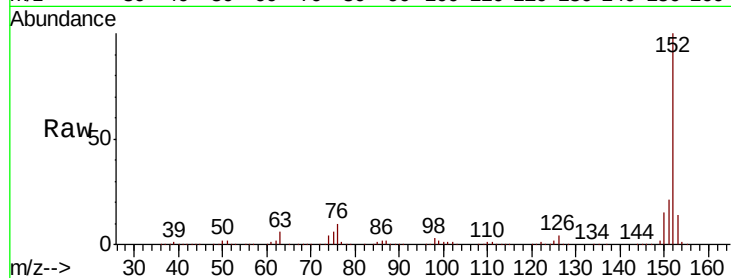
151 20.9 17.0 25.6

153 13.9 11.0 16.6

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#50

Dimethylphthalate

Concen: 40.581 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

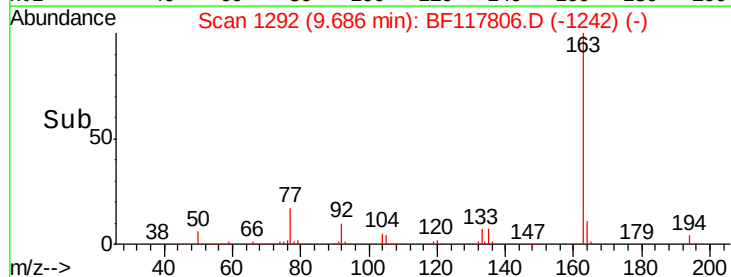
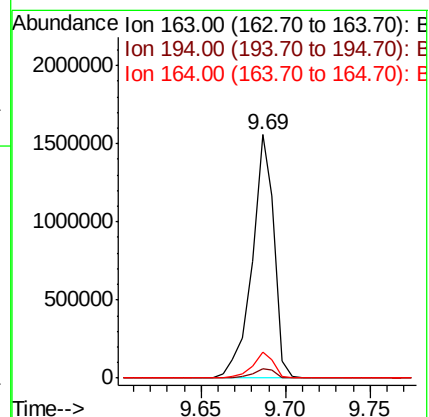
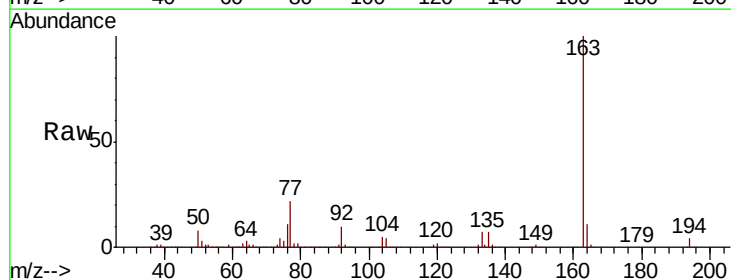
Tgt Ion:163 Resp: 1413710

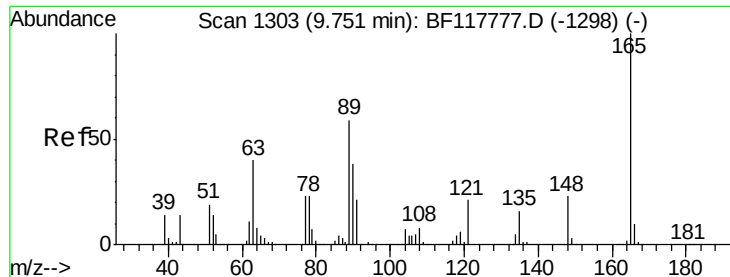
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.9 8.7 13.1





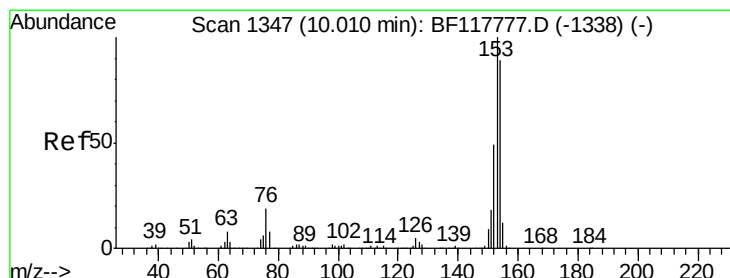
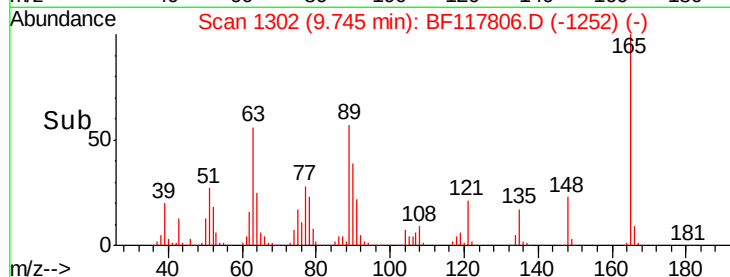
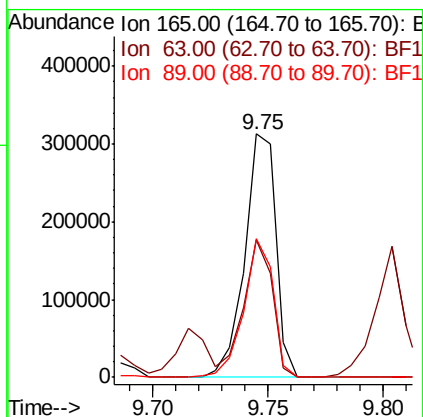
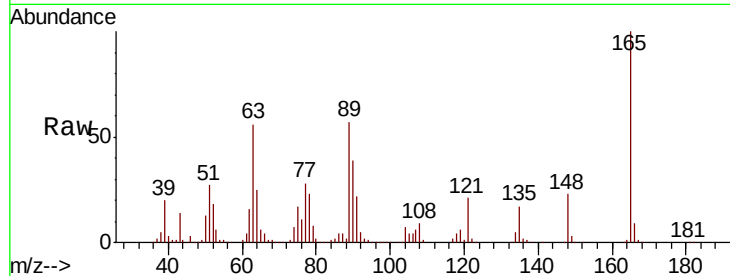
#51
2,6-Dinitrotoluene
Concen: 38.929 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion:	165	Resp:	296391
Ion Ratio	Lower	Upper	
165	100		
63	56.3	46.0	69.0
89	56.7	47.7	71.5

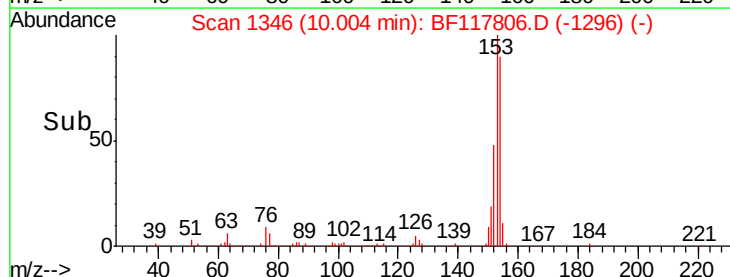
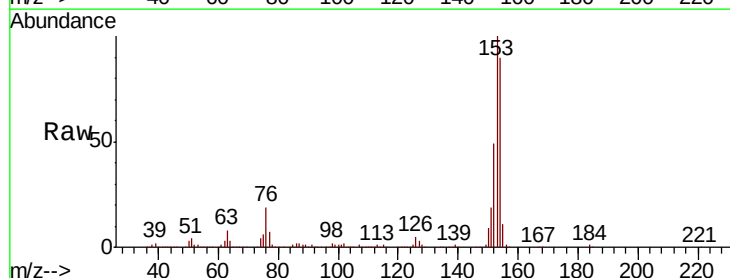
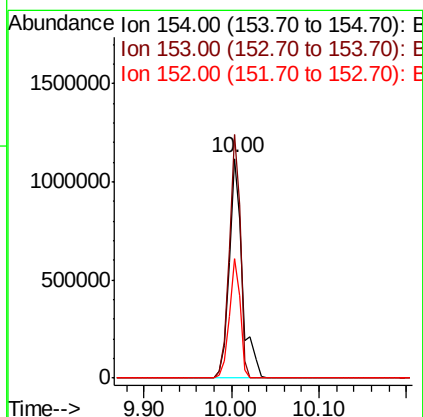
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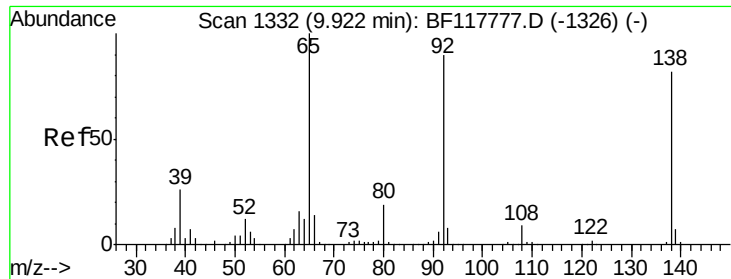
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#52
Acenaphthene
Concen: 40.382 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:	154	Resp:	1143544
Ion Ratio	Lower	Upper	
154	100		
153	110.9	90.1	135.1
152	54.1	44.0	66.0





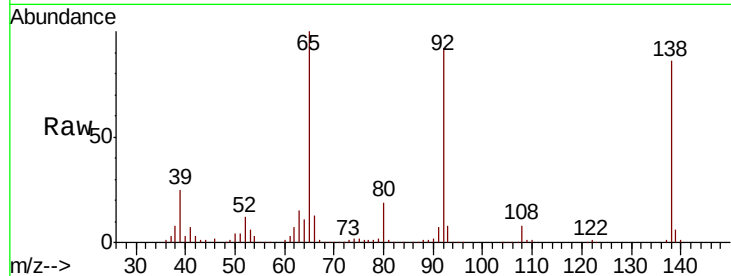
#53
3-Nitroaniline
Concen: 22.591 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

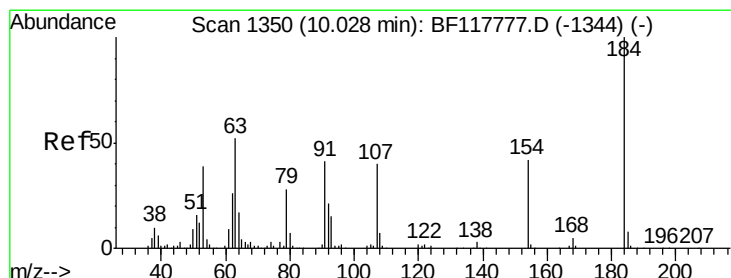
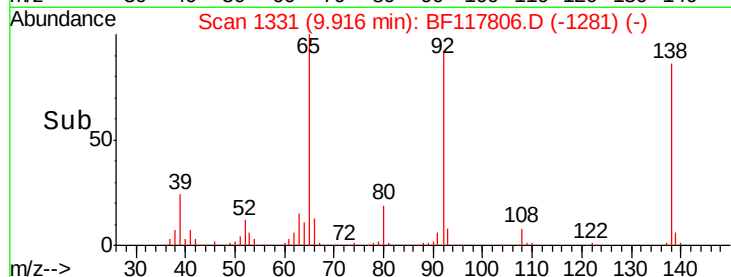
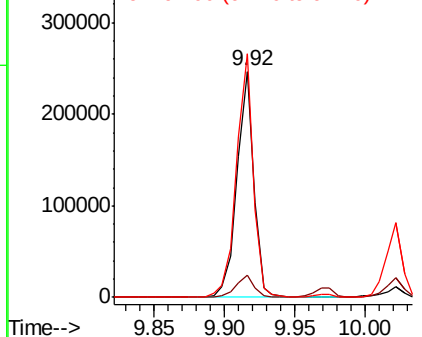
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.6	12.8
92	107.8	87.9	131.9

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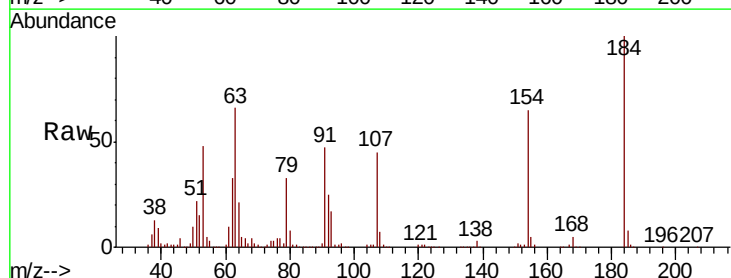


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

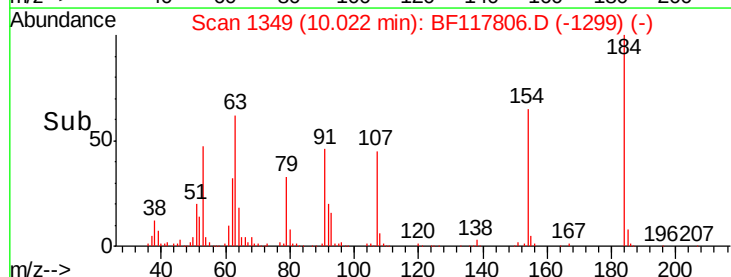
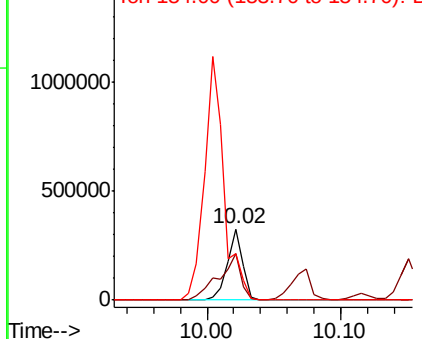


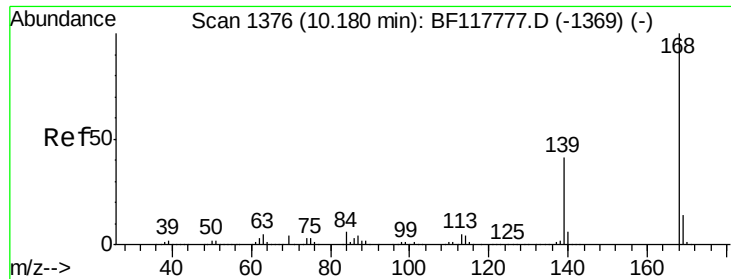
#54
2,4-Dinitrophenol
Concen: 68.879 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.8	43.0	64.6#
154	65.1	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





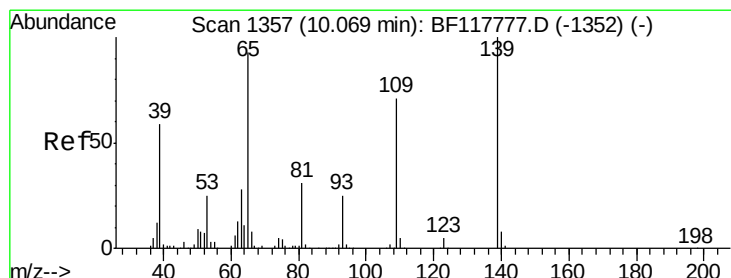
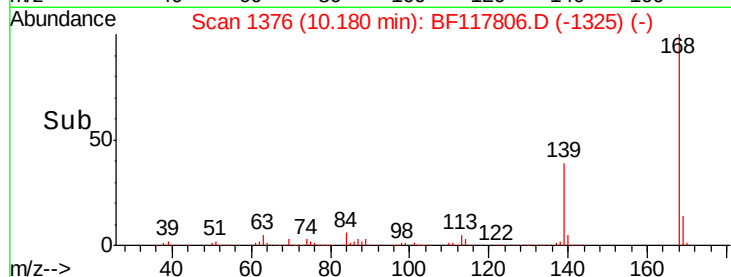
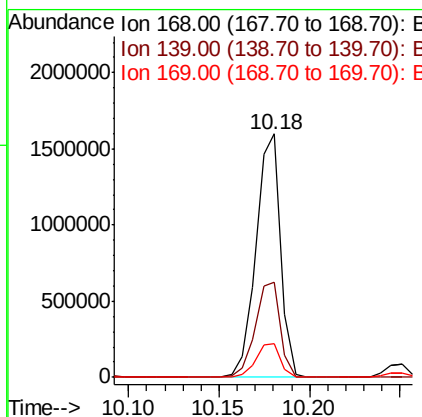
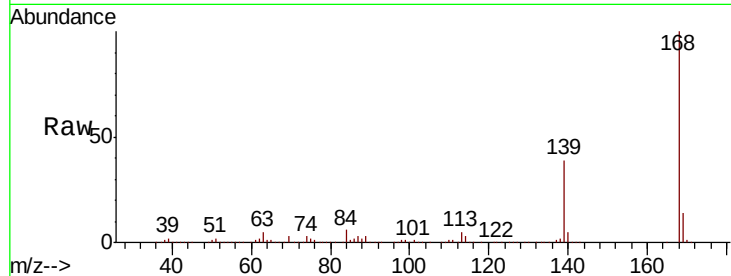
#55
Dibenzenofuran
Concen: 38.366 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion:168 Resp: 1504466
Ion Ratio Lower Upper
168 100
139 38.9 33.0 49.6
169 13.6 11.5 17.3

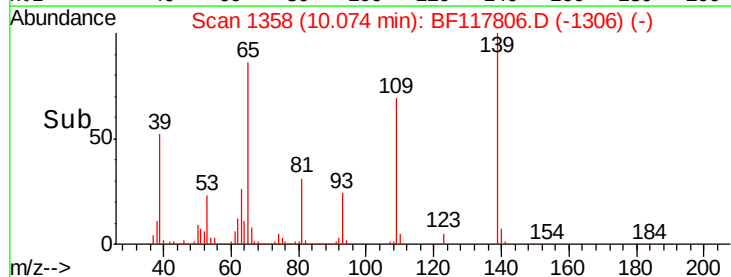
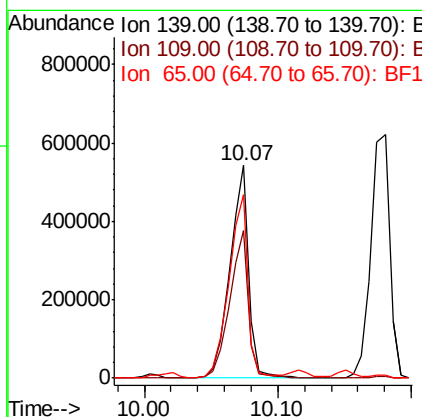
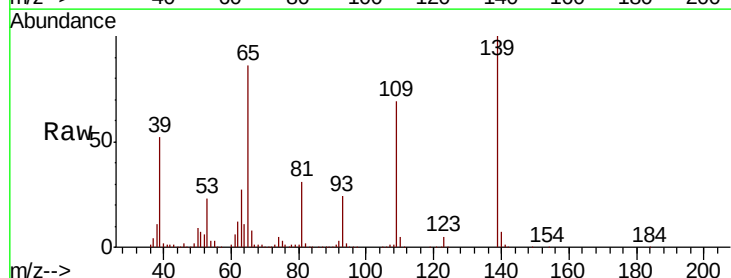
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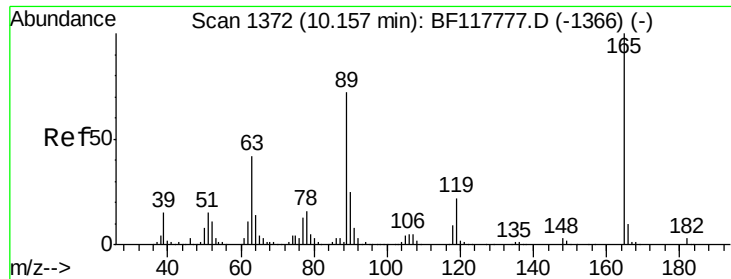
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#56
4-Nitrophenol
Concen: 78.673 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:139 Resp: 534997
Ion Ratio Lower Upper
139 100
109 69.5 50.8 90.8
65 86.3 73.6 113.6





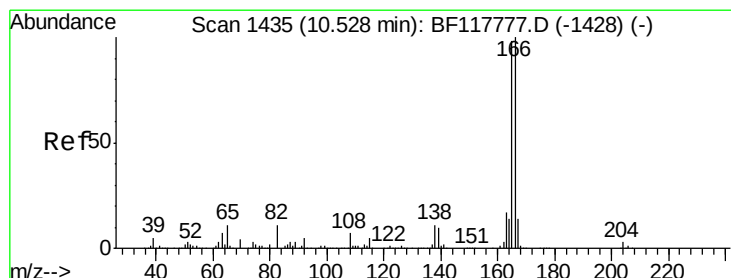
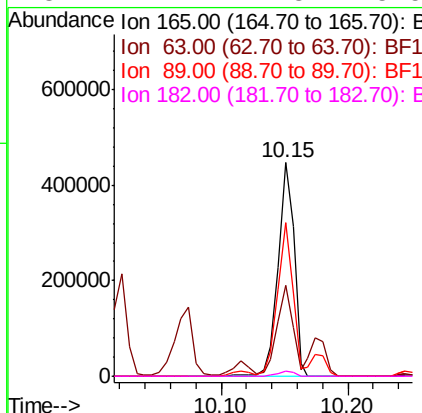
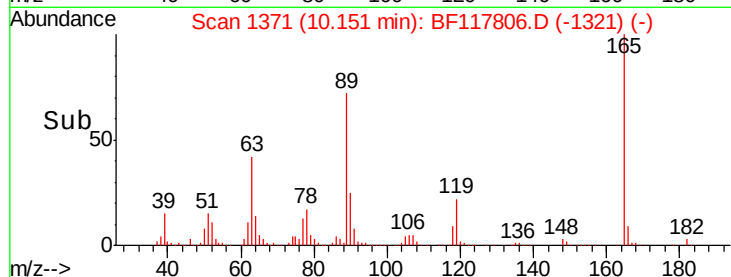
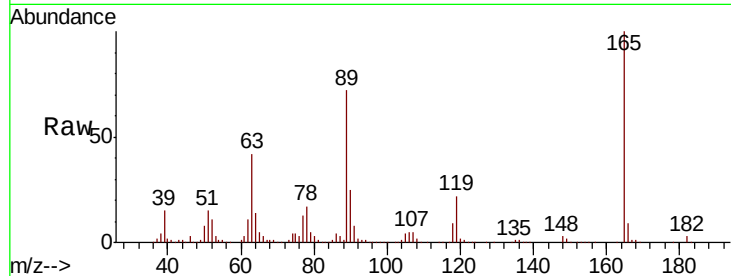
#57
2,4-Dinitrotoluene
Concen: 40.277 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		390086		
63	42.3	33.7	50.5		
89	71.7	57.3	85.9		
182	2.7	2.3	3.5		

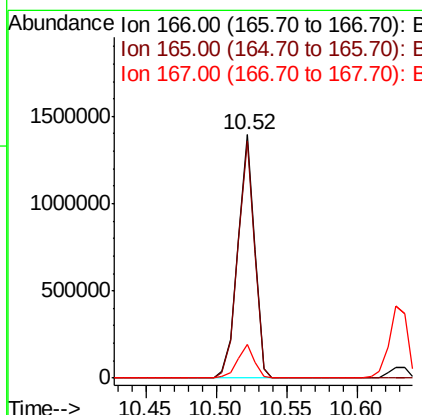
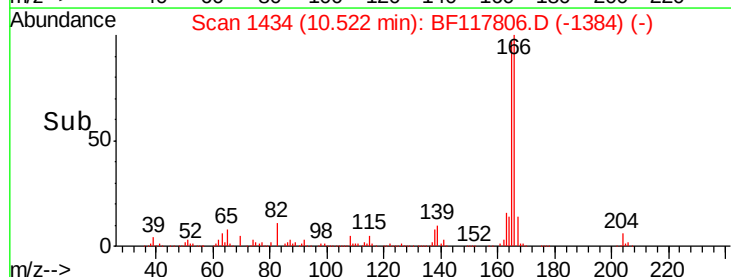
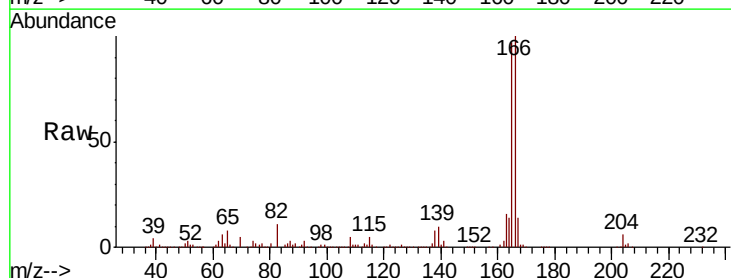
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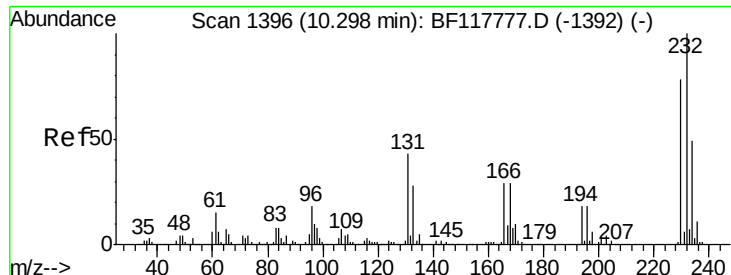
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#58
Fluorene
Concen: 37.745 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1146971		
165	97.3	78.4	117.6		
167	13.6	11.0	16.4		





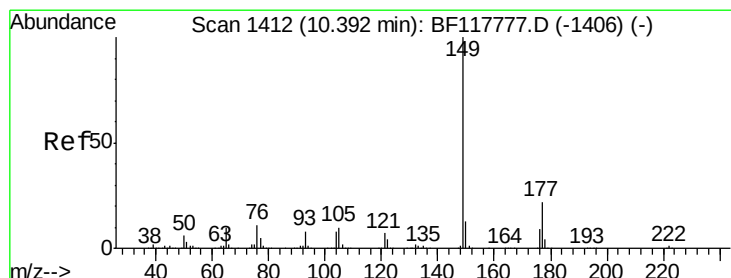
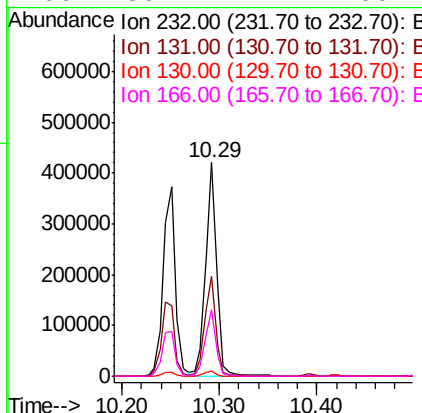
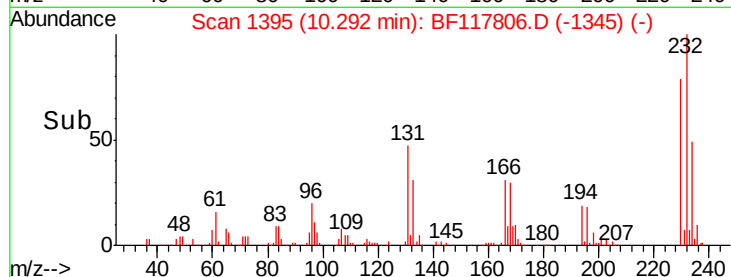
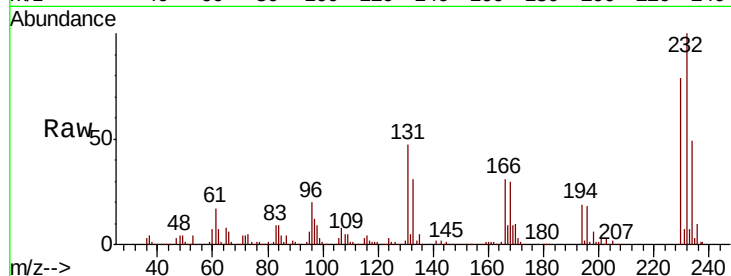
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.932 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion:	232	Resp:	334397
Ion Ratio	Lower	Upper	
232	100		
131	46.7	37.6	56.4
130	2.4	1.9	2.9
166	30.2	24.2	36.4

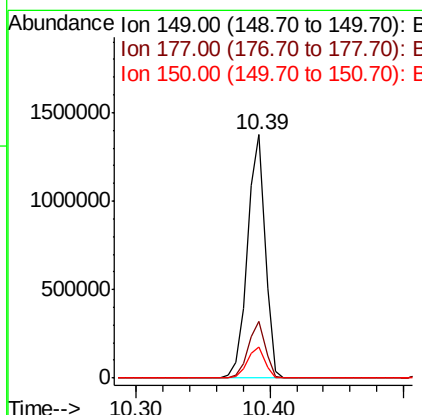
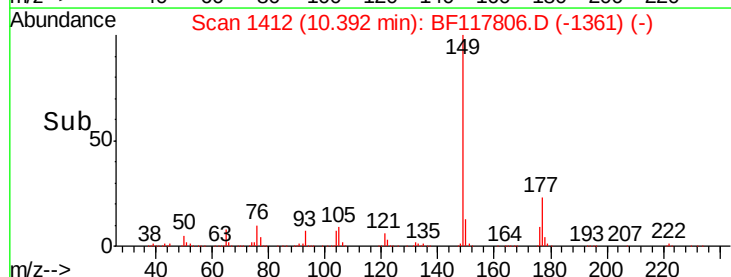
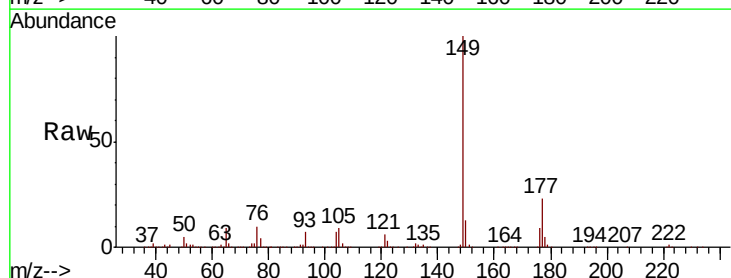
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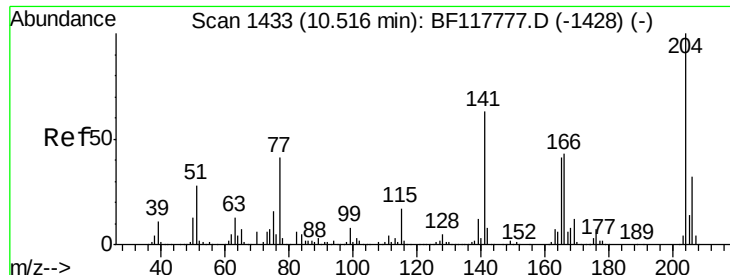
mohammad
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#60
Diethylphthalate
Concen: 36.516 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:	149	Resp:	1240212
Ion Ratio	Lower	Upper	
149	100		
177	23.1	18.0	27.0
150	12.7	10.5	15.7





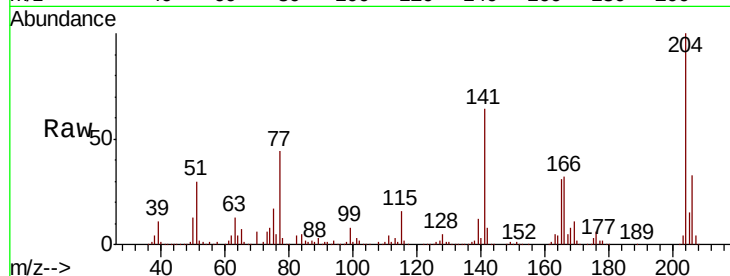
#61
4-Chlorophenyl-phenylether
Concen: 37.132 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.6	38.4
141	64.4	50.7	76.1

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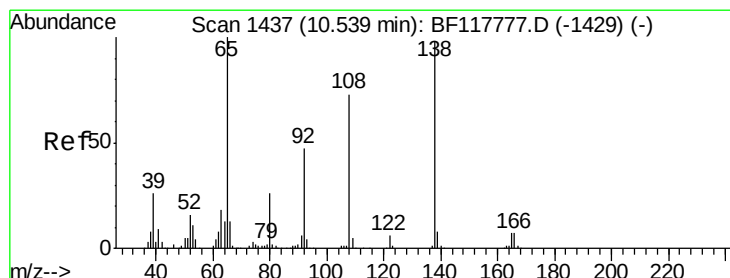
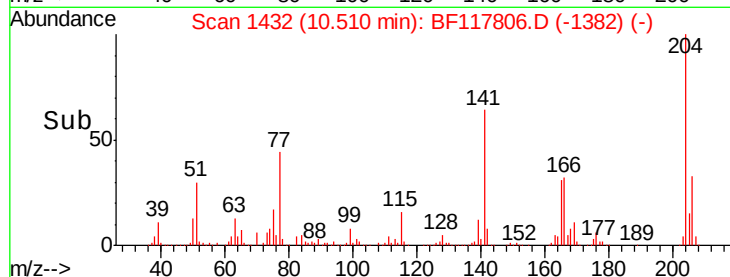
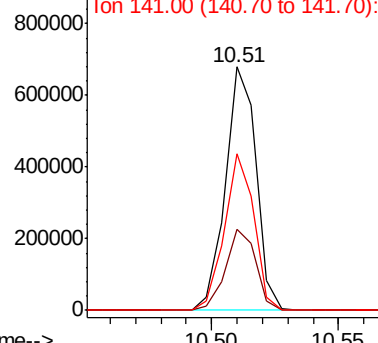


Abundance

Ion 204.00 (203.70 to 204.70): E

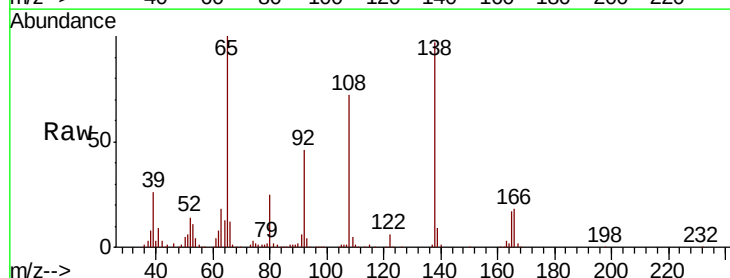
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.456 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	28.3	68.3
108	74.4	54.3	94.3

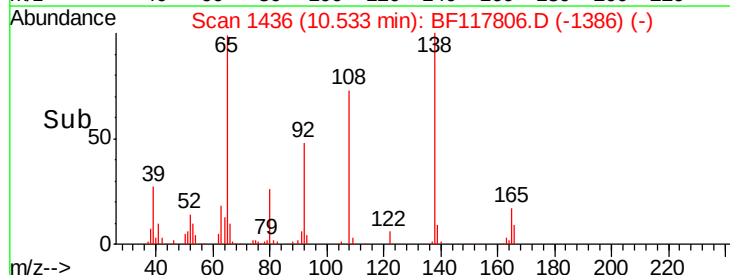
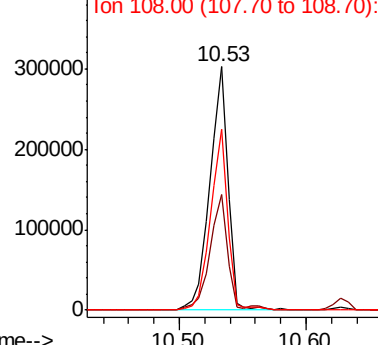


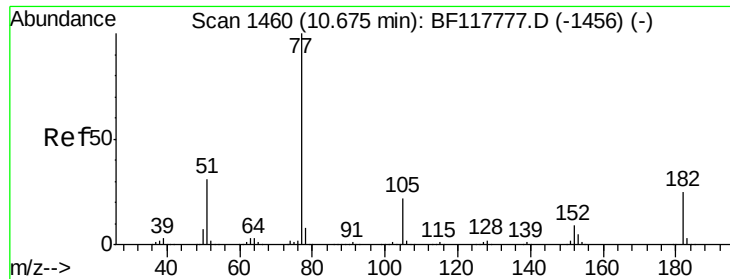
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





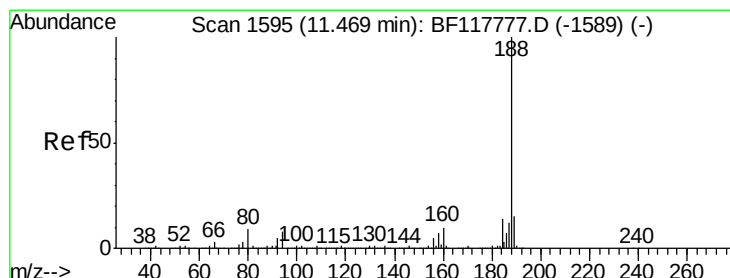
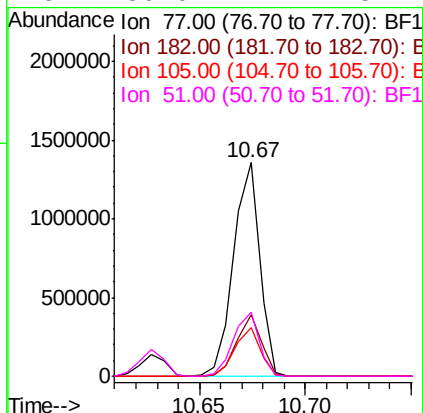
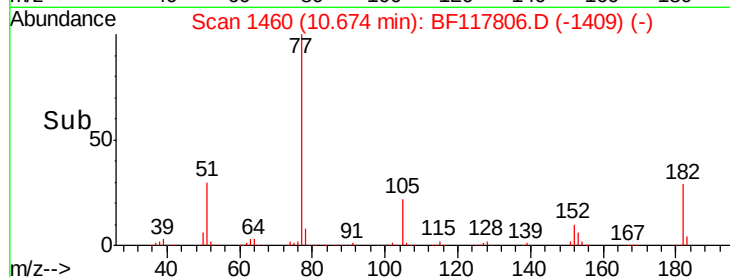
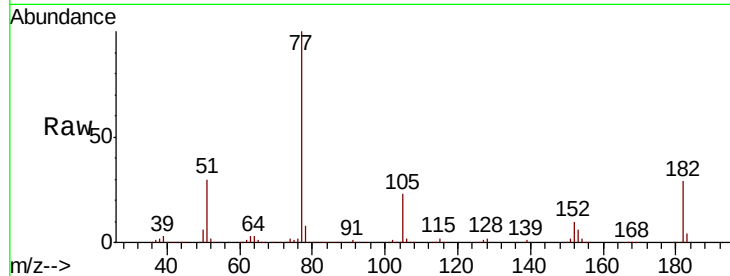
#63
Azobenzene
Concen: 37.638 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.9	4.8	44.8
105	22.6	2.1	42.1
51	30.0	11.4	51.4

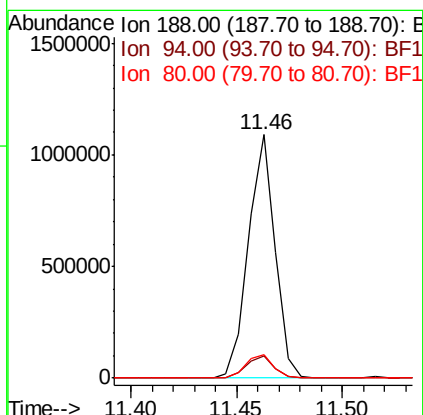
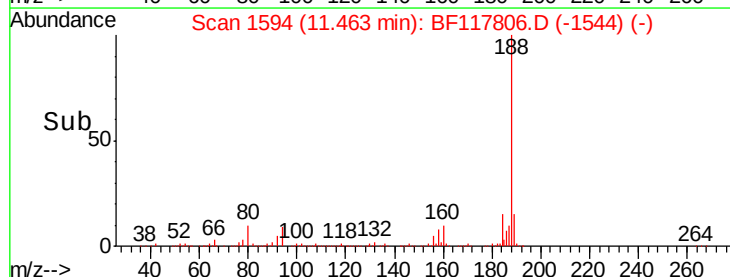
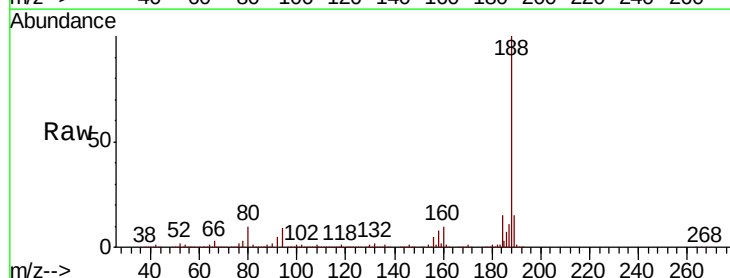
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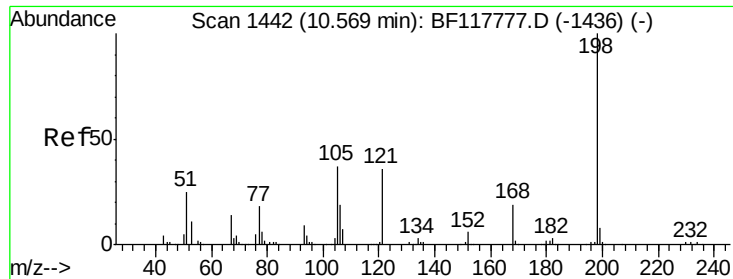
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.6	7.2	10.8





#65

4,6-Dinitro-2-methylphenol

Concen: 42.684 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

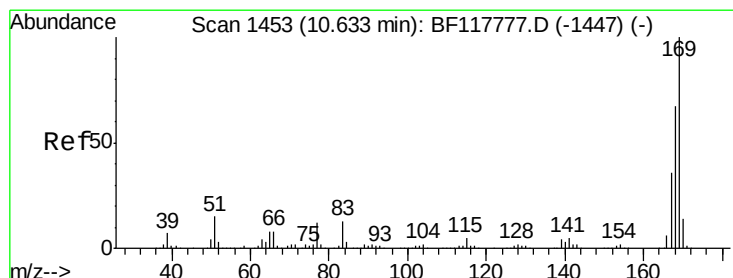
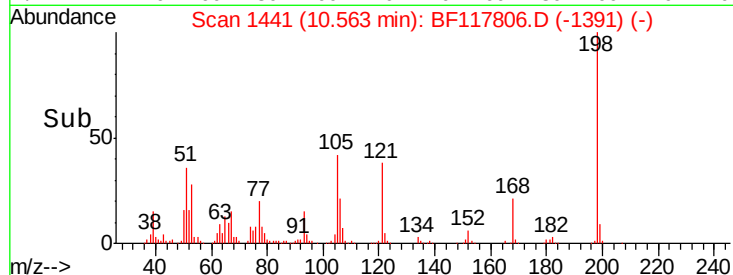
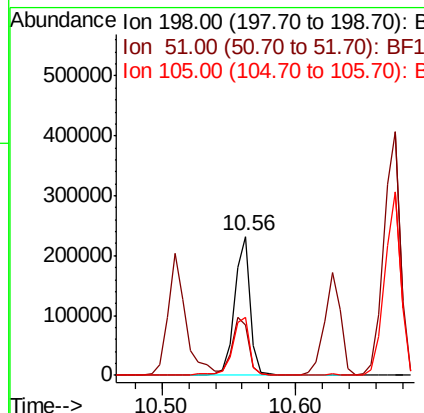
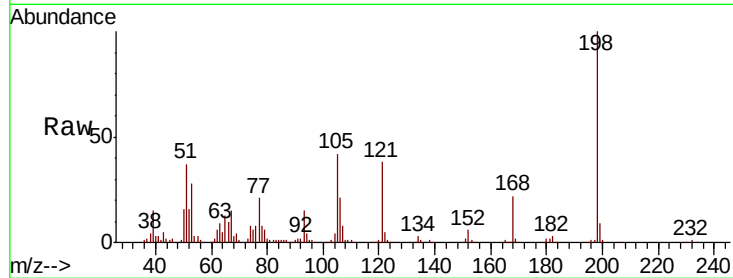
ClientSampled :

EP-6MS

Tot Ion:	198	Resp:	189901
Ion Ratio	Lower	Upper	
198	100		
51	36.6	16.0	56.0
105	41.7	19.1	59.1

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#66

n-Nitrosodiphenylamine

Concen: 37.686 ng

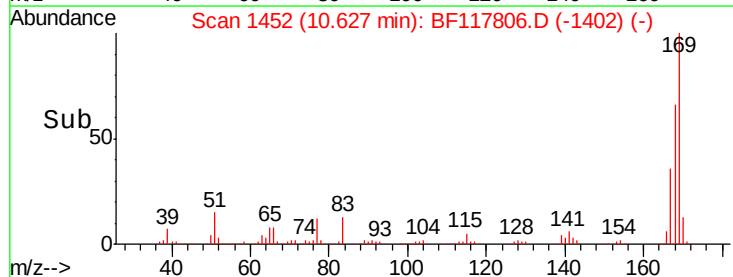
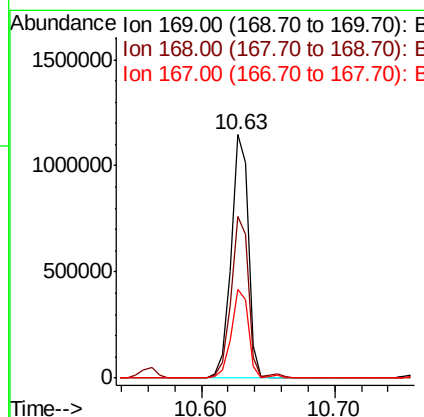
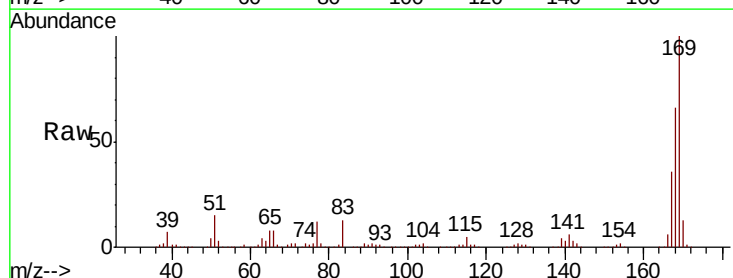
RT: 10.63 min Scan# 1452

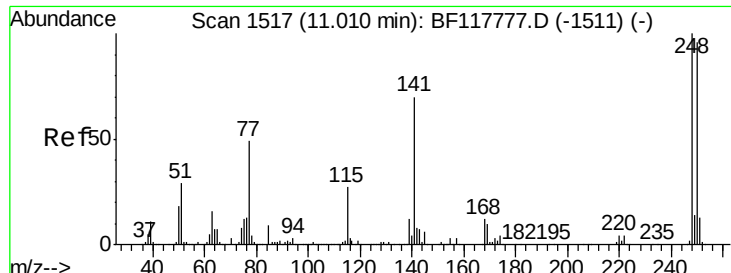
Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Tgt Ion:	169	Resp:	1045246
Ion Ratio	Lower	Upper	
169	100		
168	66.3	53.5	80.3
167	36.2	29.0	43.4





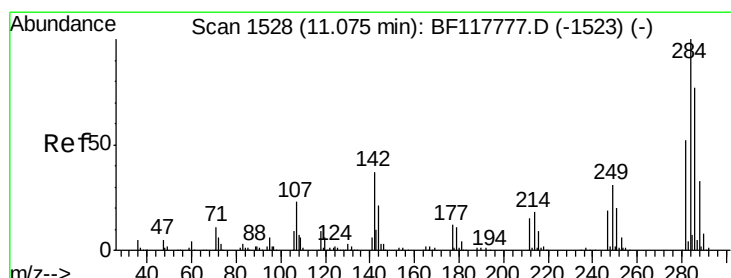
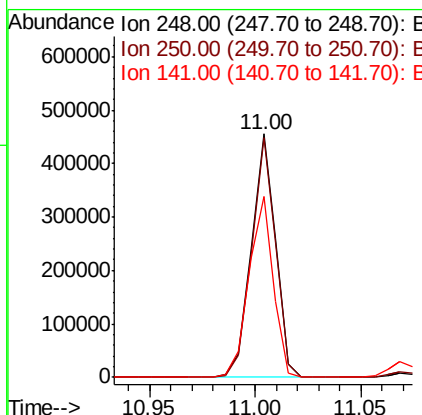
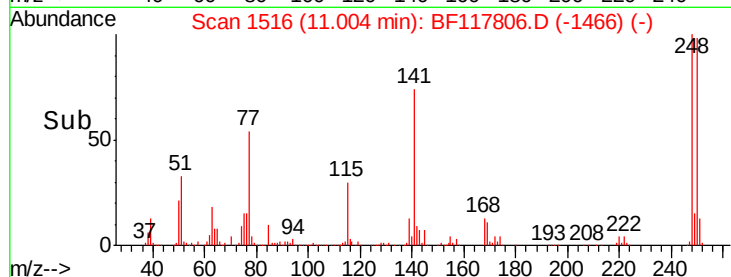
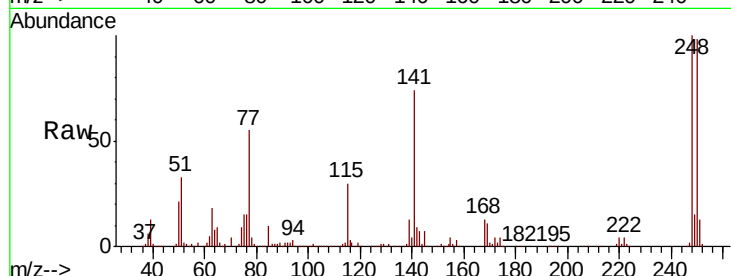
#67
4-Bromophenyl-phenylether
Concen: 35.353 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampled :
EP-6MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.3	76.6	115.0
141	74.4	55.9	83.9

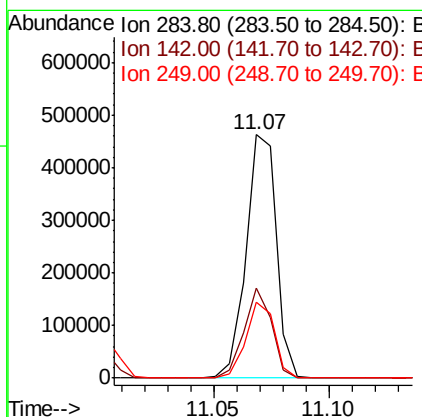
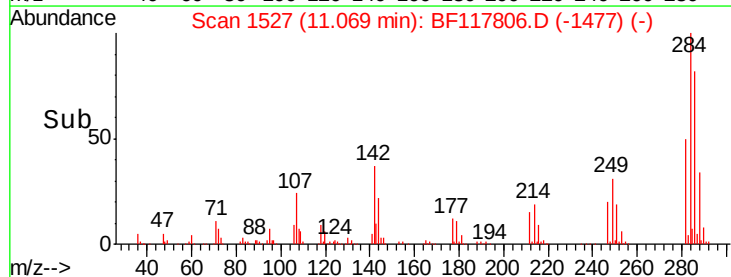
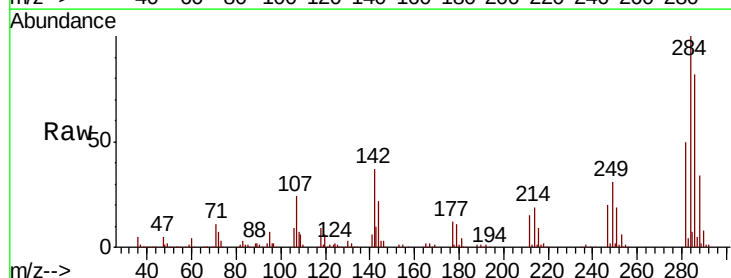
Manual Integrations
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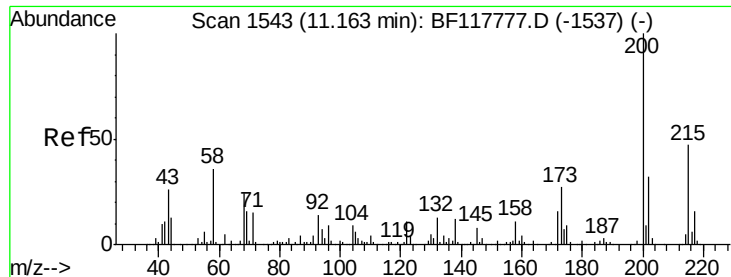
mohammad
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#68
Hexachlorobenzene
Concen: 35.428 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.8	29.4	44.2
249	31.1	24.6	37.0





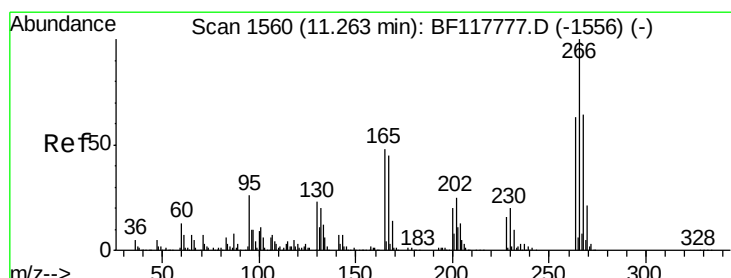
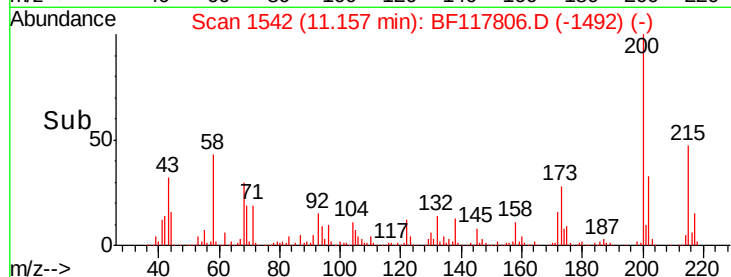
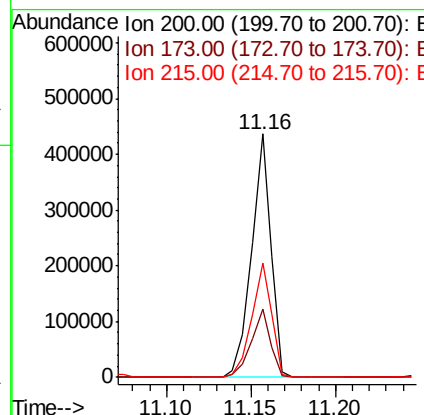
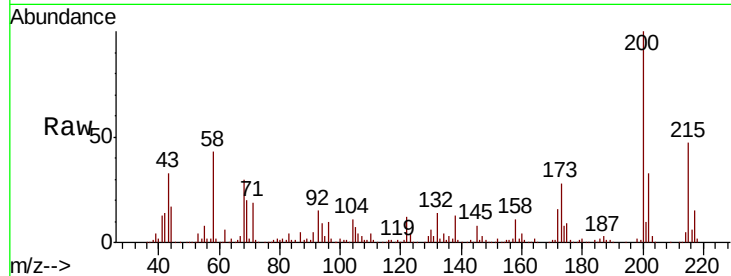
#69
Atrazine
Concen: 38.620 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.1	6.7	46.7
215	46.9	27.5	67.5

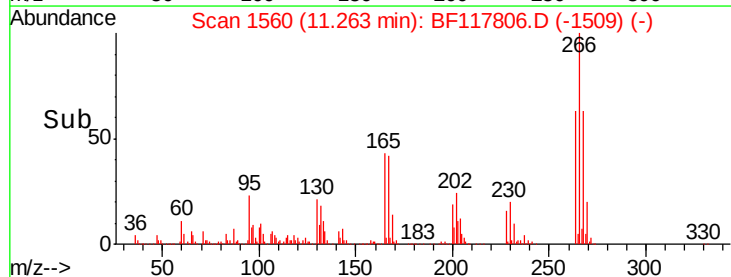
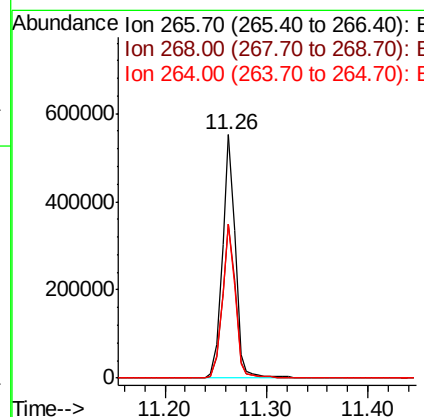
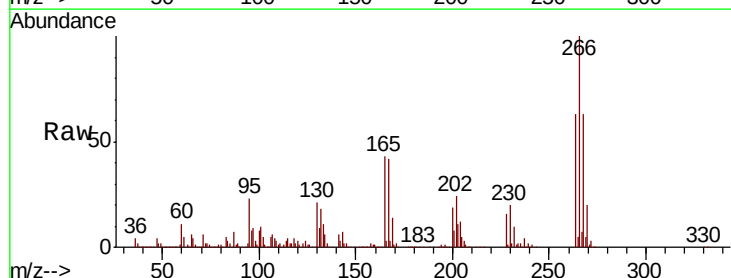
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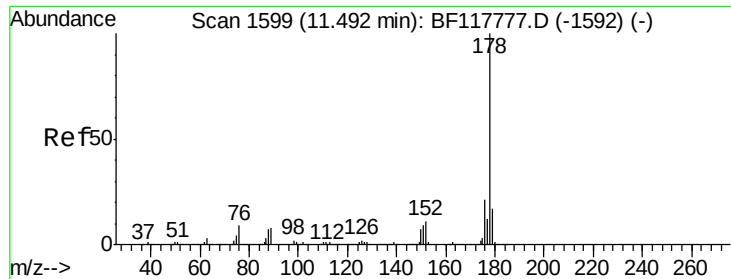
mohammad
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#70
Pentachlorophenol
Concen: 70.141 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.3	50.8	76.2
264	63.4	50.7	76.1





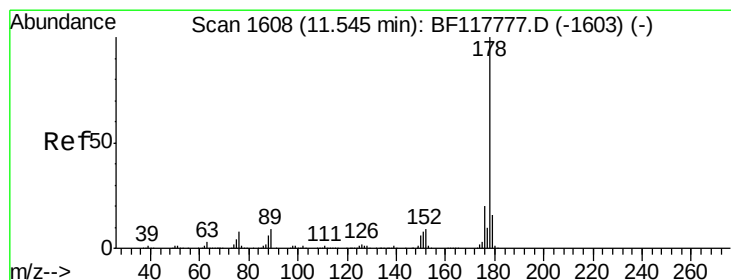
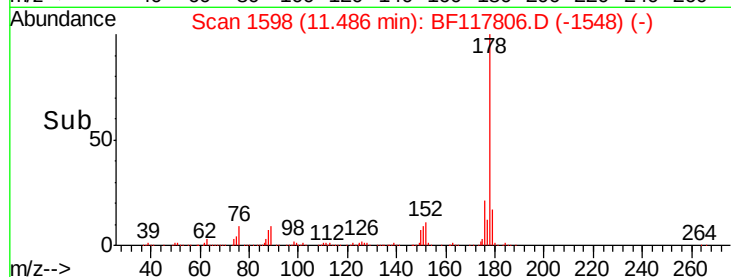
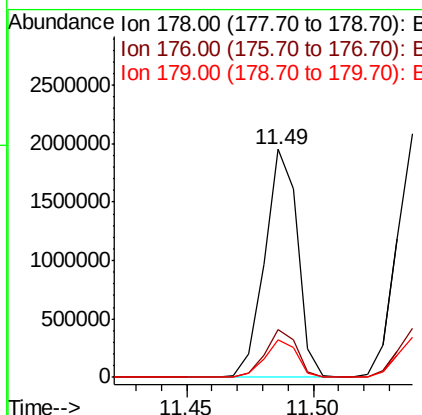
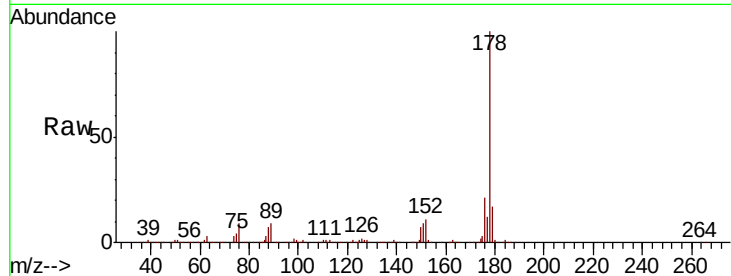
#71
Phenanthrene
Concen: 36.841 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion:178 Resp: 1765215
Ion Ratio Lower Upper
178 100
176 20.8 16.6 25.0
179 16.7 13.2 19.8

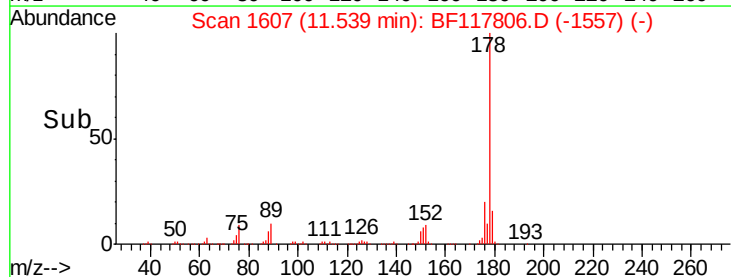
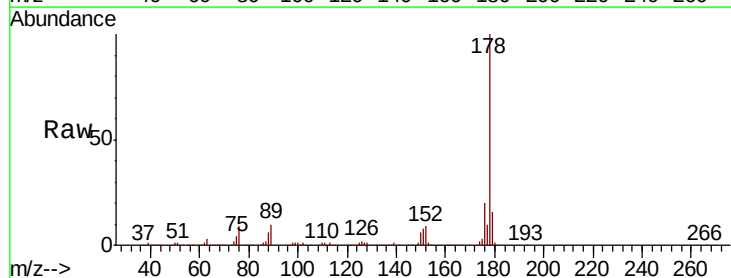
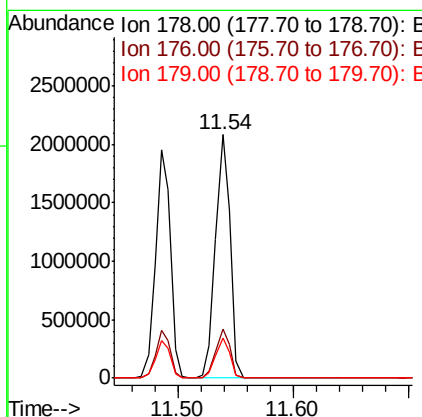
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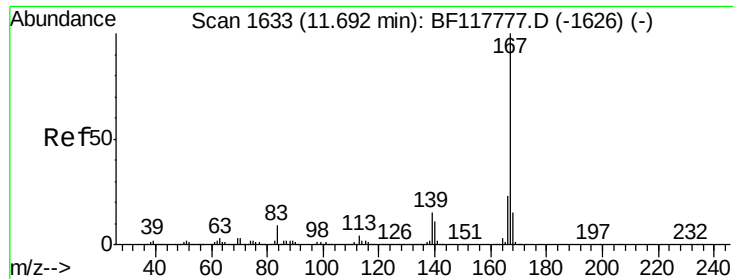
mohammad
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#72
Anthracene
Concen: 38.552 ng
RT: 11.54 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:178 Resp: 1831426
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.3 13.0 19.4





#73

Carbazole

Concen: 38.743 ng

RT: 11.69 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

EP-6MS

Tot Ion:167 Resp: 1608339

Ion Ratio Lower Upper

167 100

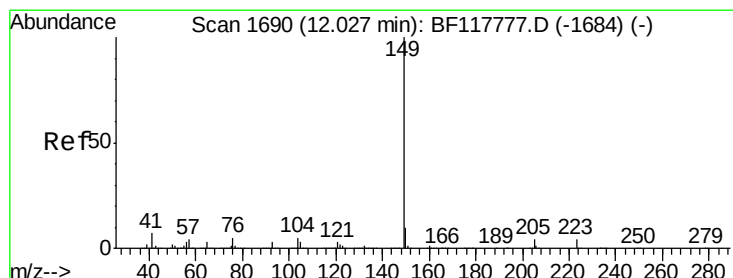
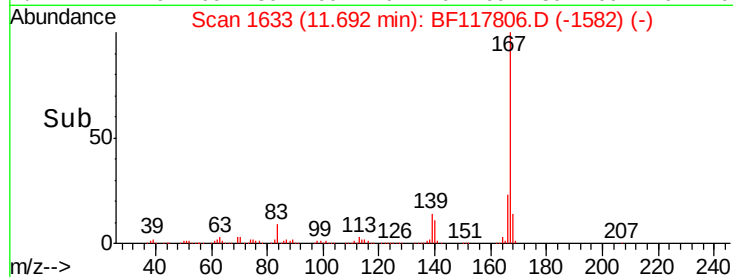
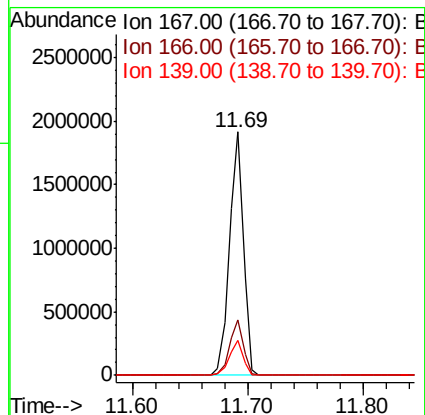
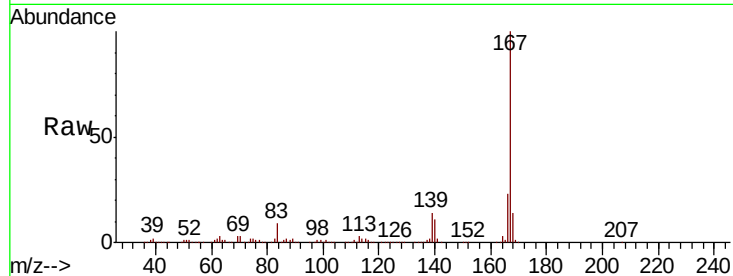
166 22.5 18.0 27.0

139 14.2 11.7 17.5

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 36.769 ng

RT: 12.02 min Scan# 1689

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

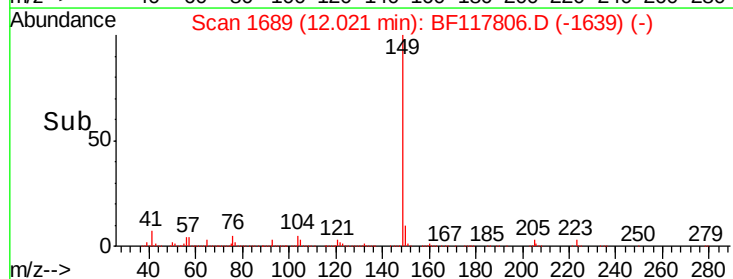
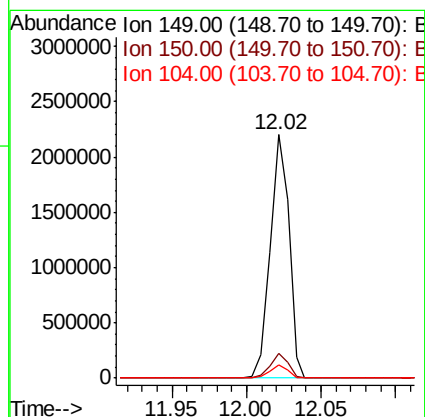
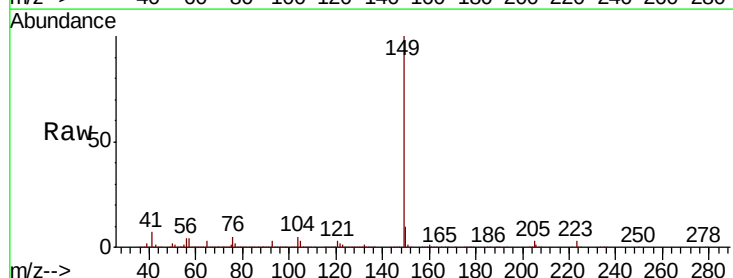
Tgt Ion:149 Resp: 1900482

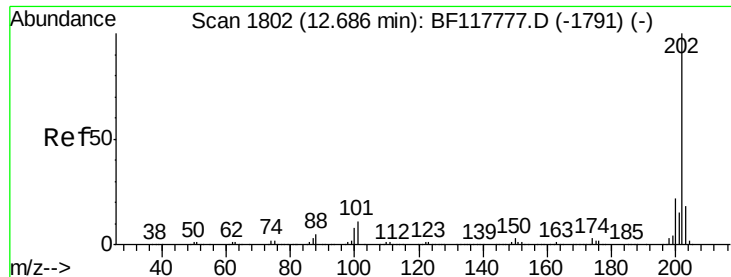
Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

104 5.3 4.2 6.4





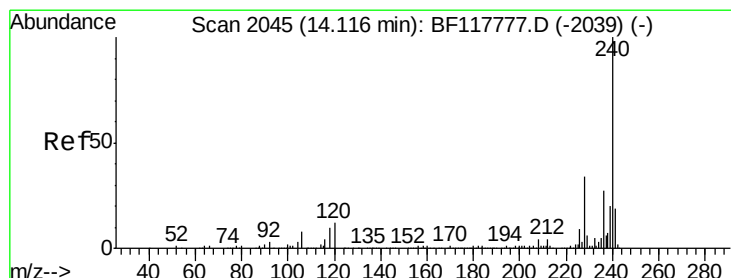
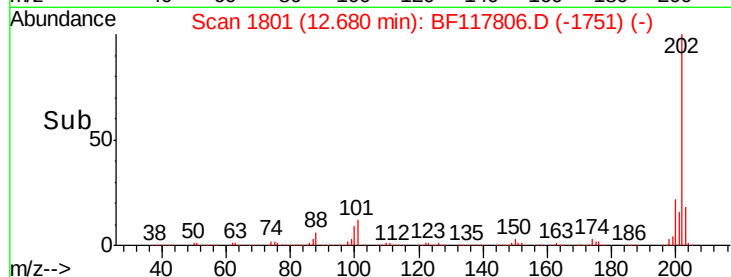
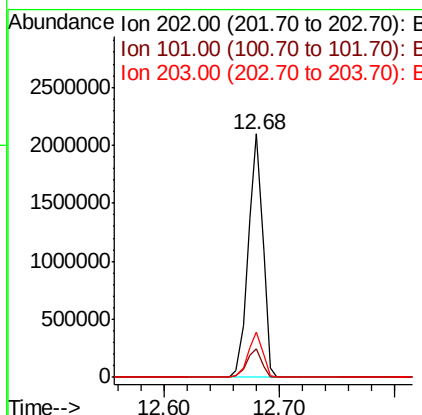
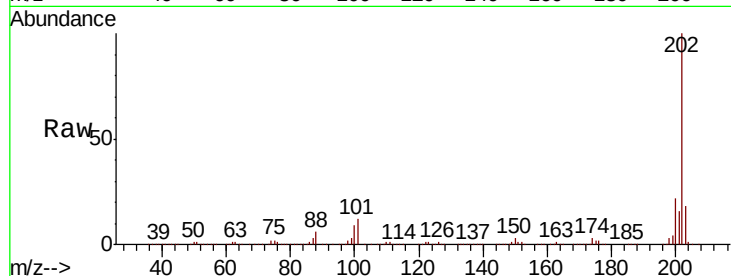
#75
 Fluoranthene
 Concen: 41.188 ng
 RT: 12.68 min Scan# 1801
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Instrument :
 BNA_F
 ClientSampled :
 EP-6MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.1
203	18.5	0.0	38.2

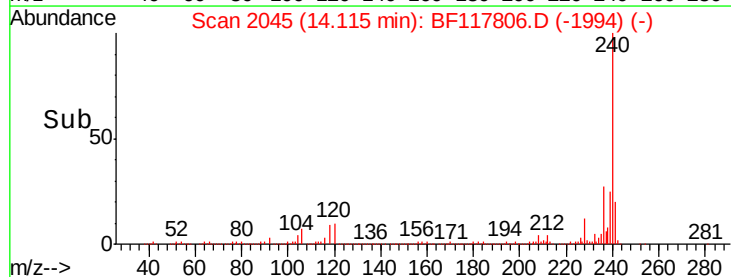
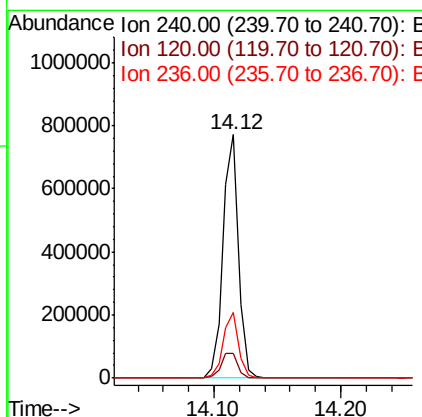
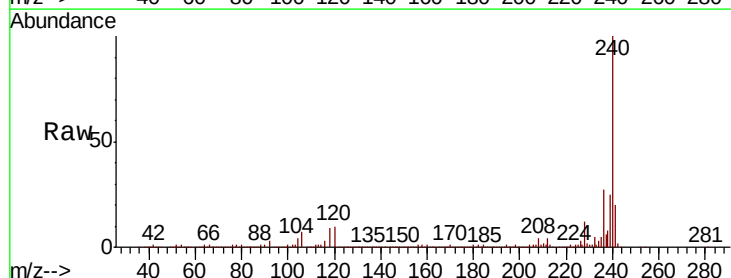
Manual Integrations
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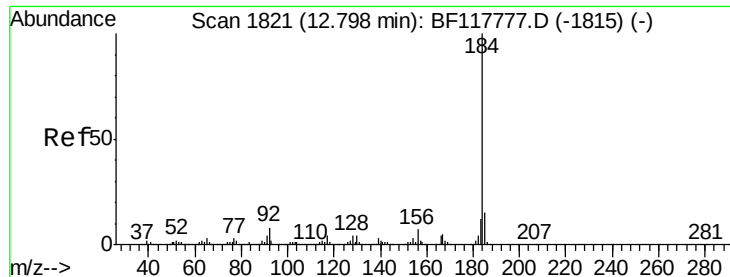
mohammad
 11/18/2019 3:06:04 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.1	9.5	14.3
236	27.2	21.3	31.9





#77

Benzidine

Concen: 41.615 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

EP-6MS

Tot Ion:184 Resp: 893662

Ion Ratio Lower Upper

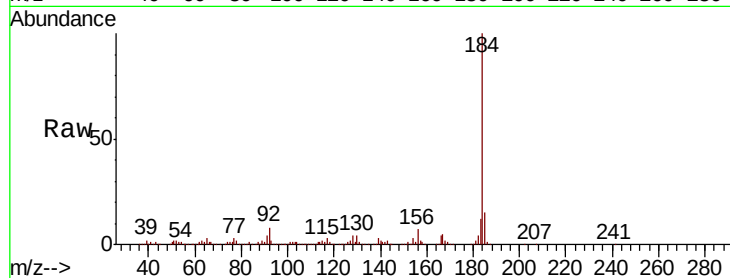
184 100

185 15.3 12.2 18.4

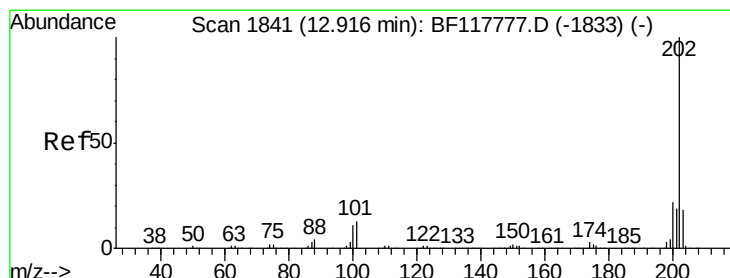
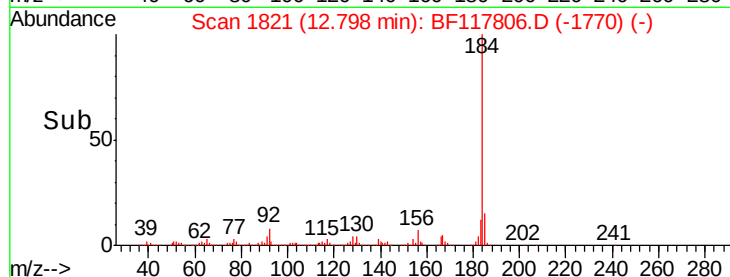
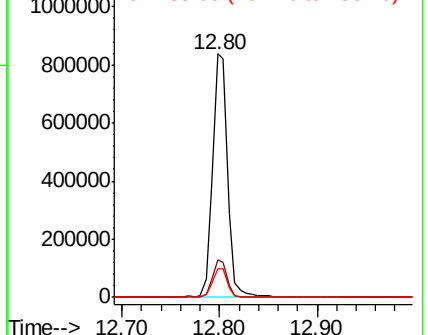
183 11.9 9.5 14.3

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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: 35.051 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

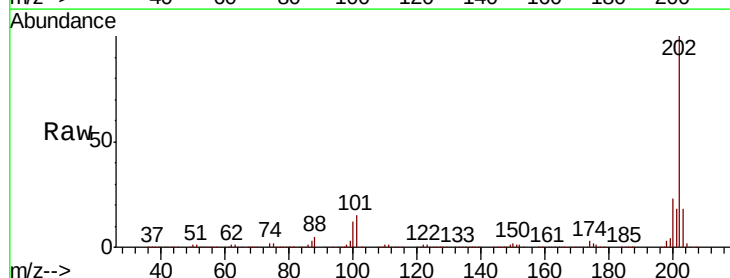
Tgt Ion:202 Resp: 1857064

Ion Ratio Lower Upper

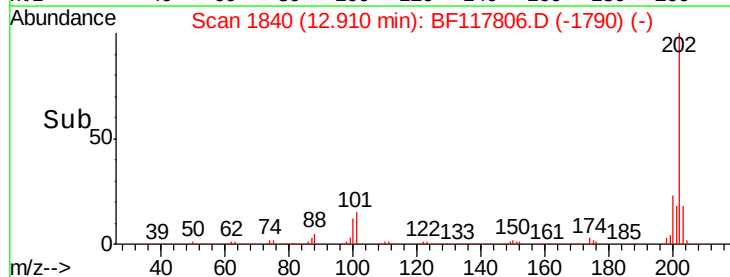
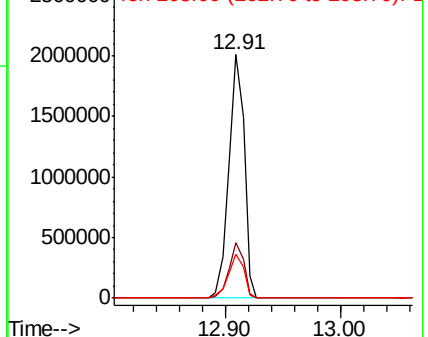
202 100

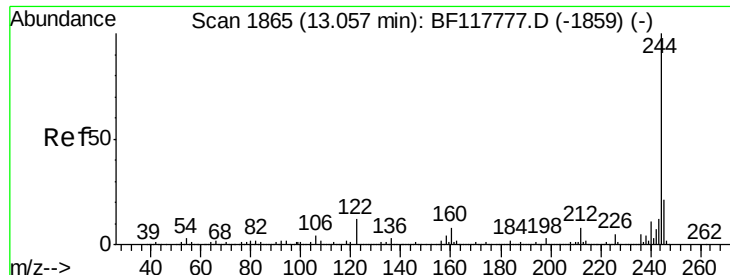
200 22.8 17.8 26.8

203 18.2 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





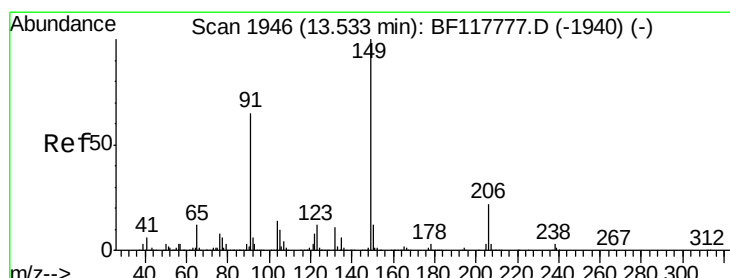
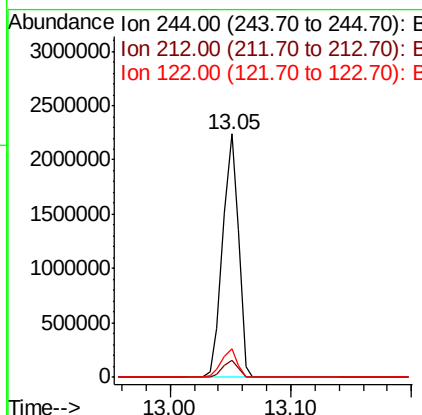
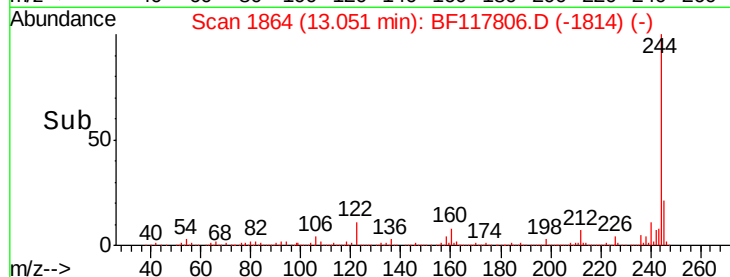
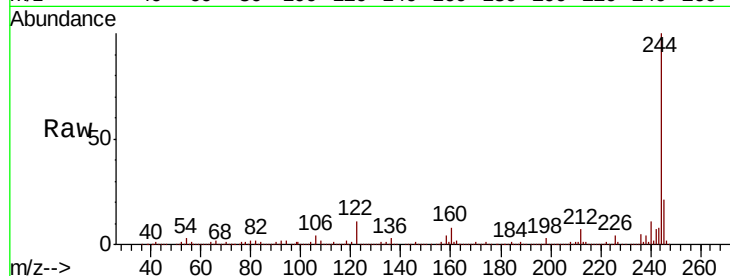
#79
 Terphenyl-d14
 Concen: 56.427 ng
 RT: 13.05 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Instrument :
 BNA_F
 ClientSampled :
 EP-6MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.3	9.5
122	11.5	9.4	14.2

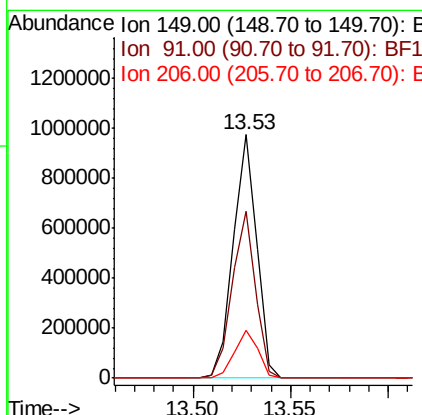
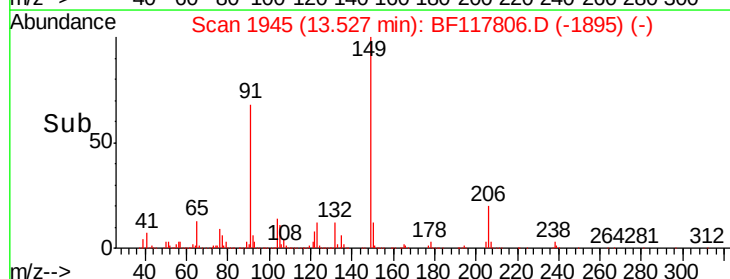
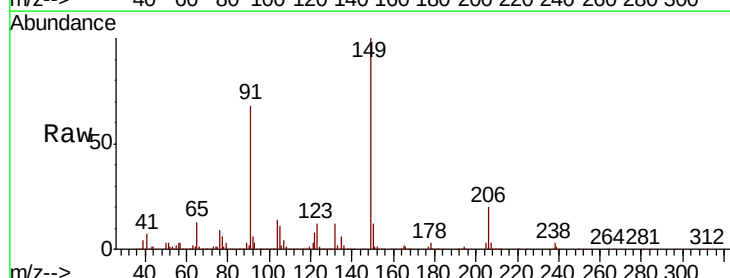
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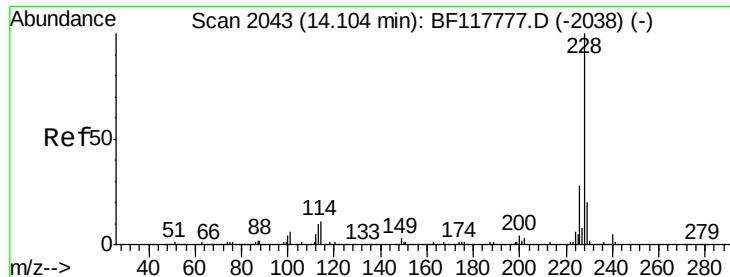
mohammad
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#80
 Butylbenzylphthalate
 Concen: 35.688 ng
 RT: 13.53 min Scan# 1945
 Delta R.T. -0.01 min
 Lab File: BF117806.D
 Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	51.9	77.9
206	19.6	17.2	25.8





#81

Benzo(a)anthracene

Concen: 36.206 ng

RT: 14.10 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

ClientSampleId :

EP-6MS

Tot Ion:228 Resp: 1568563

Ion Ratio Lower Upper

228 100

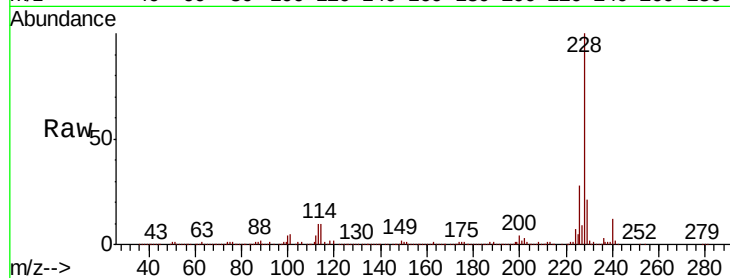
226 27.9 22.2 33.2

229 20.6 15.9 23.9

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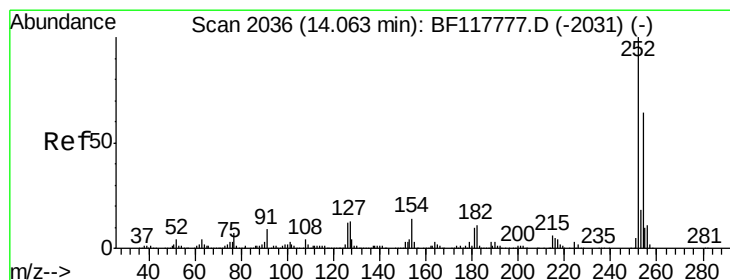
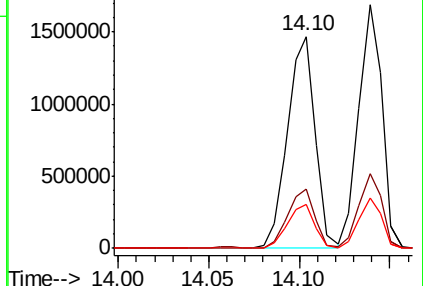
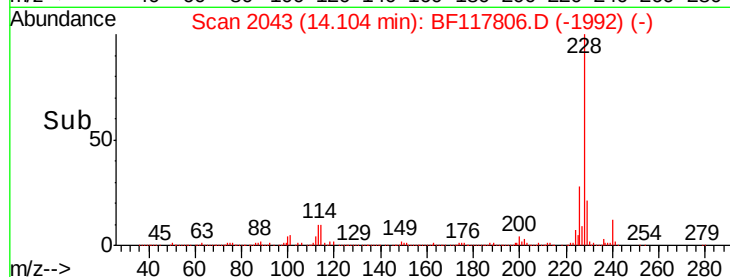
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 30.950 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

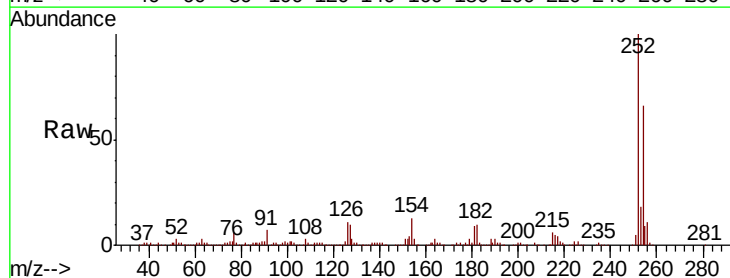
Tgt Ion:252 Resp: 469012

Ion Ratio Lower Upper

252 100

254 65.7 51.0 76.6

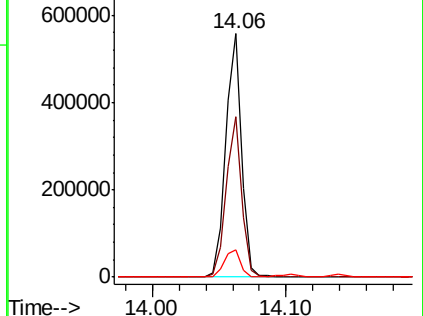
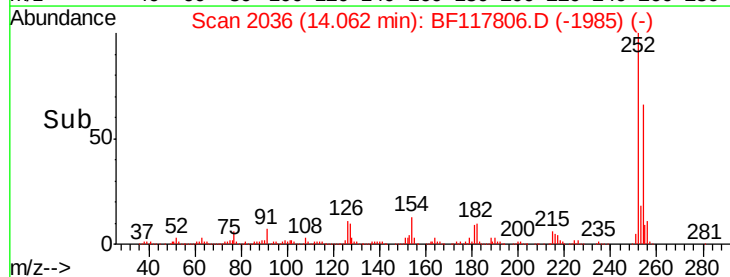
126 11.0 9.7 14.5

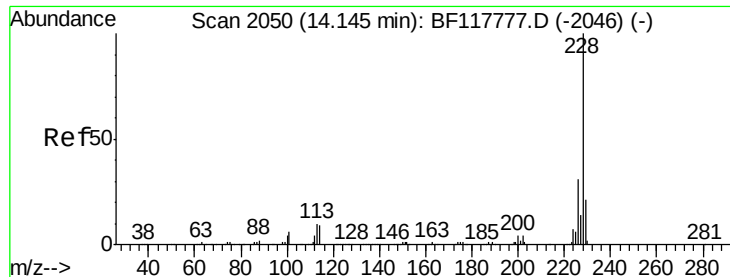


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





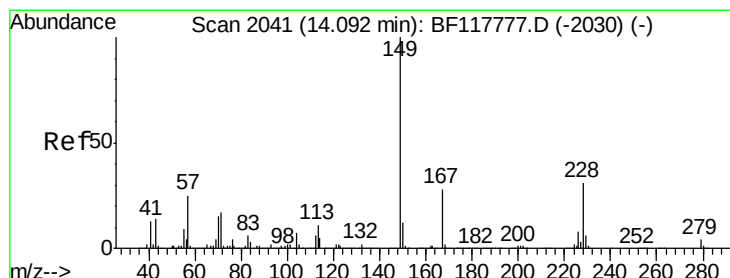
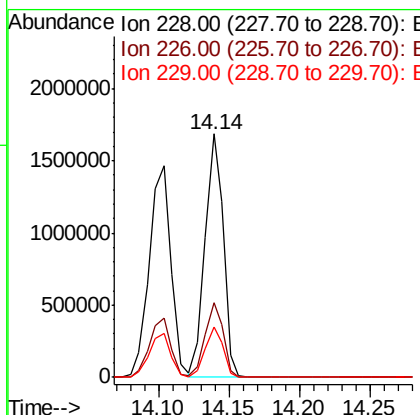
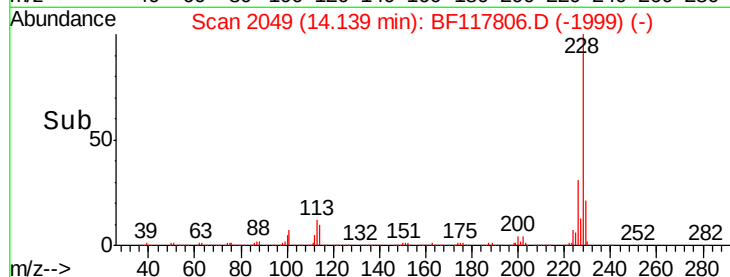
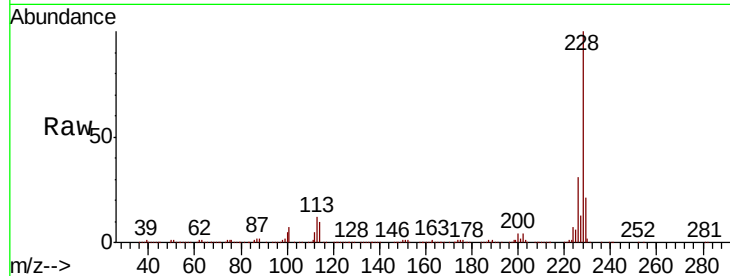
#83
Chrysene
Concen: 36.159 ng
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampled :
EP-6MS

Tot Ion:228 Resp: 1517958
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.4
229 20.8 16.6 25.0

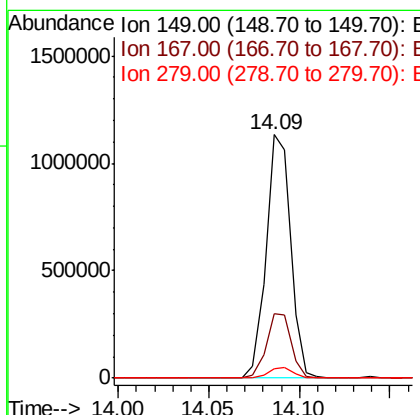
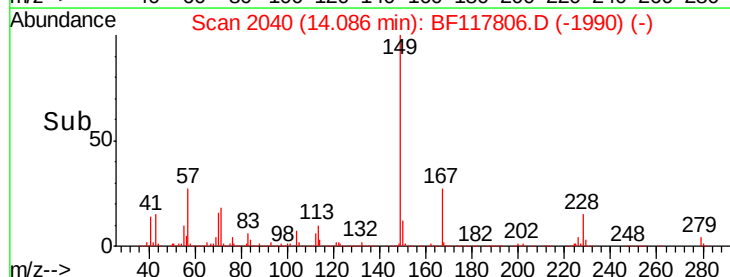
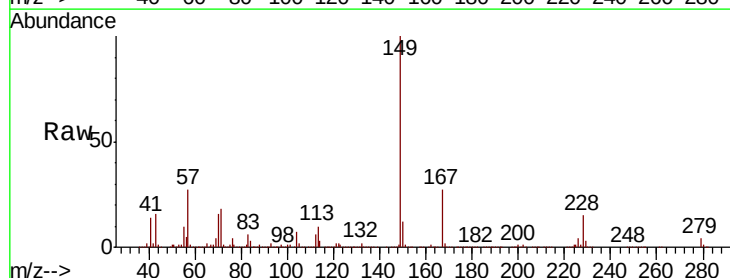
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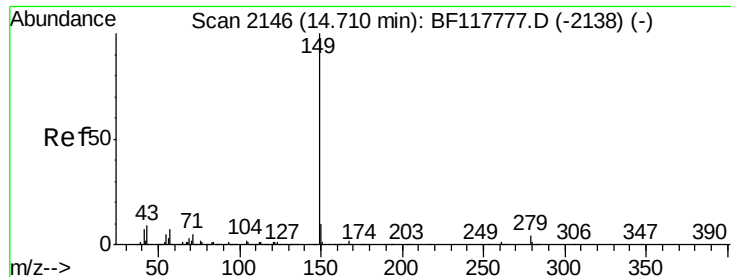
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.681 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion:149 Resp: 1067146
Ion Ratio Lower Upper
149 100
167 26.7 22.2 33.2
279 3.8 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 42.747 ng

RT: 14.71 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

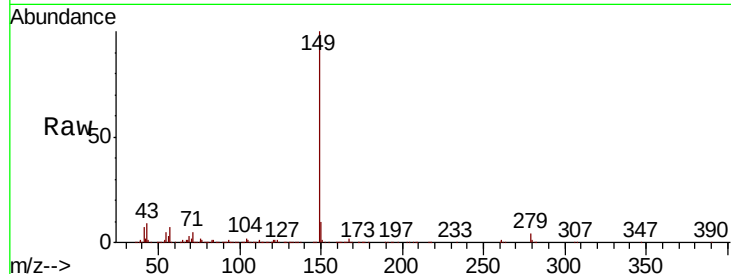
ClientSampleId :

EP-6MS

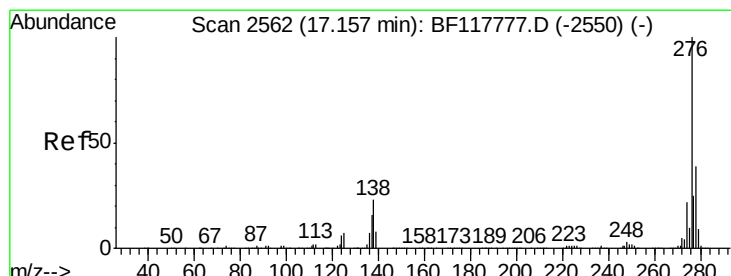
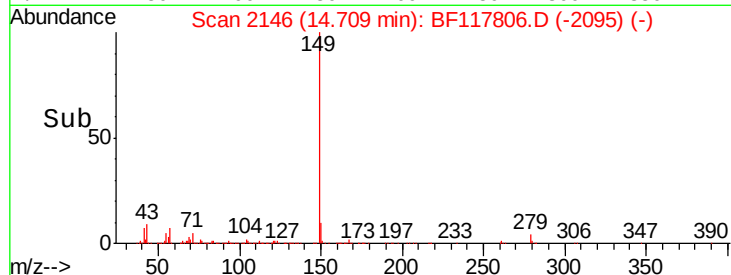
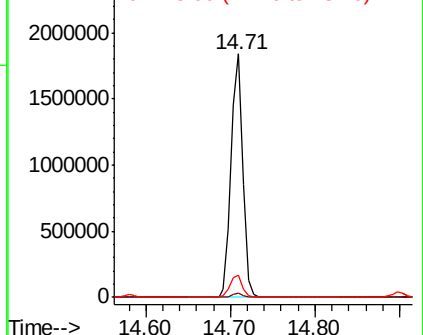
Tot Ion:	149	Resp:	1732539
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.3	7.4	11.2

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 46.045 ng

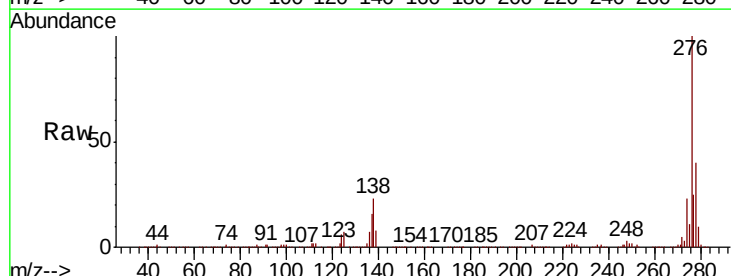
RT: 17.16 min Scan# 2562

Delta R.T. -0.00 min

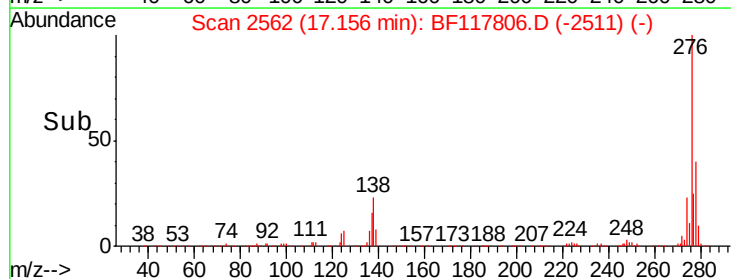
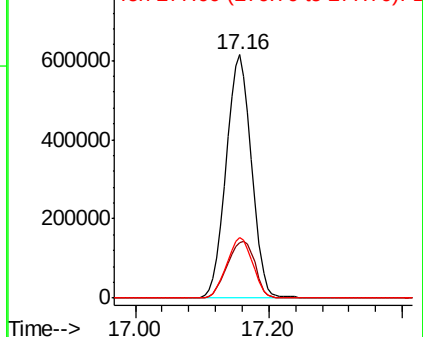
Lab File: BF117806.D

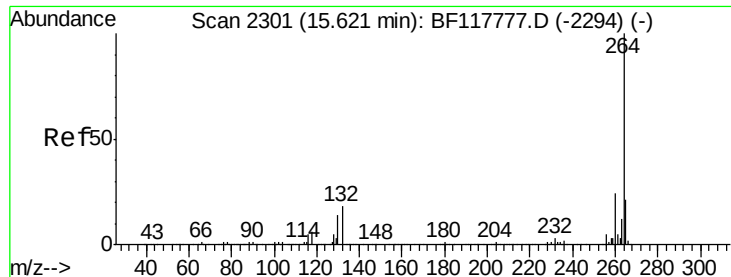
Acq: 15 Nov 2019 16:47

Tgt Ion:	276	Resp:	1645152
Ion	Ratio	Lower	Upper
276	100		
138	25.7	20.9	31.3
277	25.7	20.3	30.5



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.62 min Scan# 2301

Delta R.T. -0.00 min

Lab File: BF117806.D

Acq: 15 Nov 2019 16:47

Instrument :

BNA_F

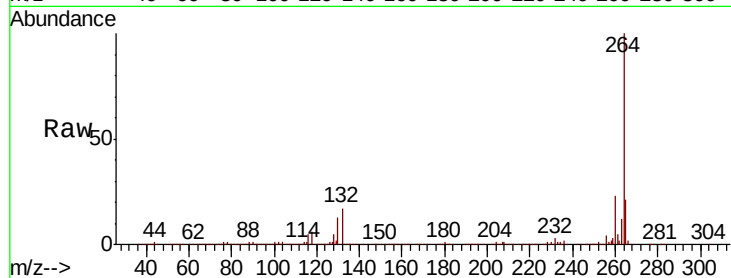
ClientSampled :

EP-6MS

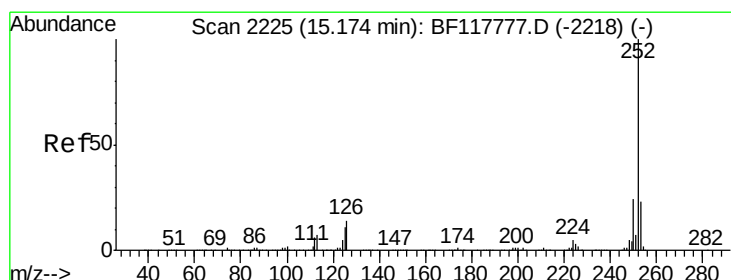
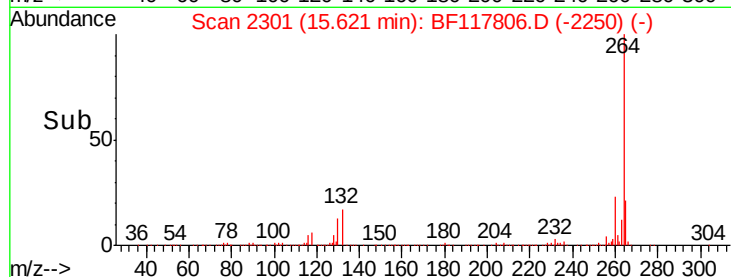
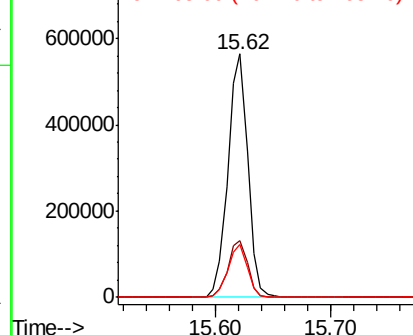
Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.5	19.4	29.0		
265	21.5	17.1	25.7		

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 36.061 ng

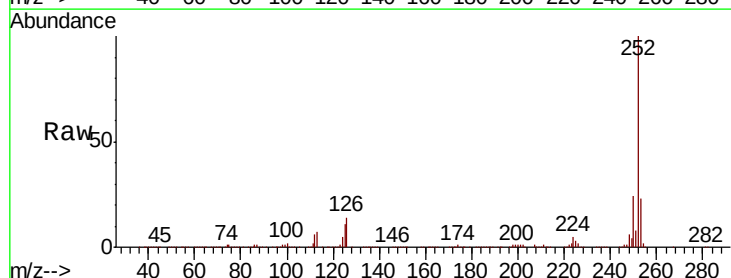
RT: 15.17 min Scan# 2225

Delta R.T. -0.00 min

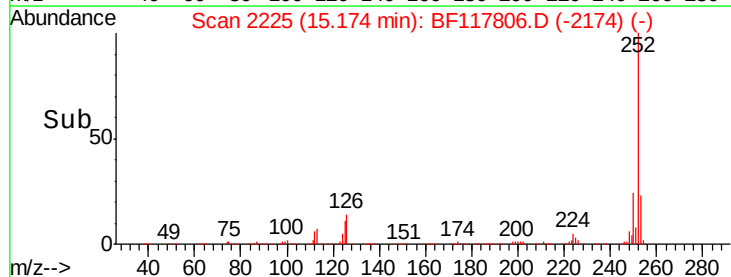
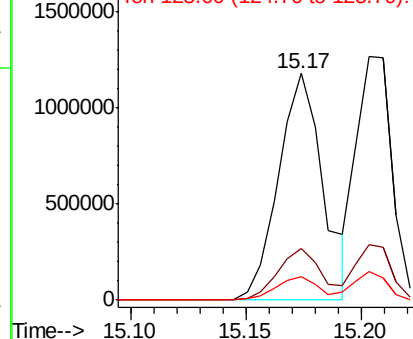
Lab File: BF117806.D

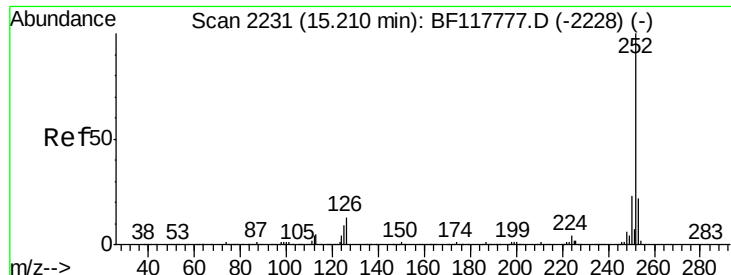
Acq: 15 Nov 2019 16:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.8	18.0	27.0		
125	10.6	8.6	13.0		



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





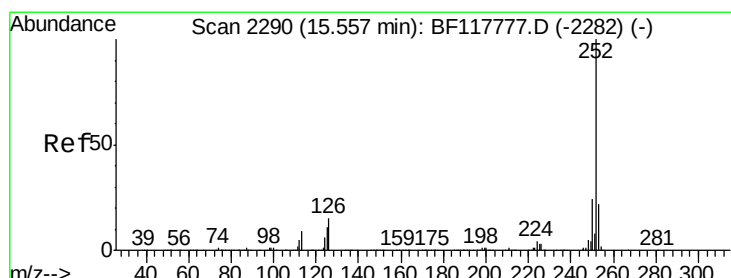
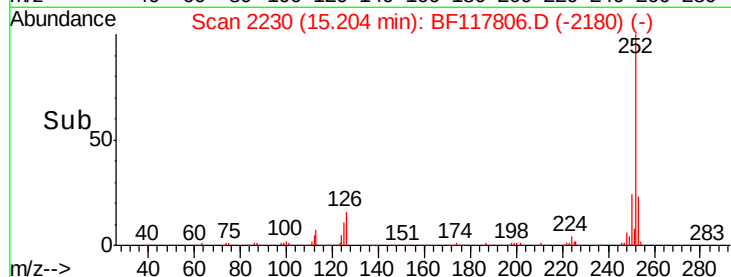
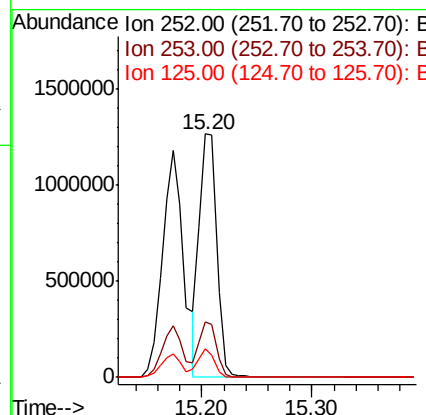
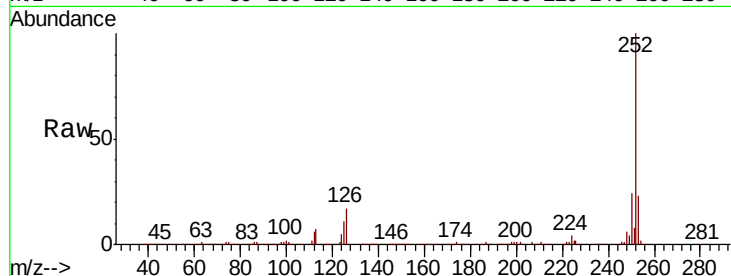
#89
Benzo(k)fluoranthene
Concen: 33.077 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	11.5	7.9	11.9

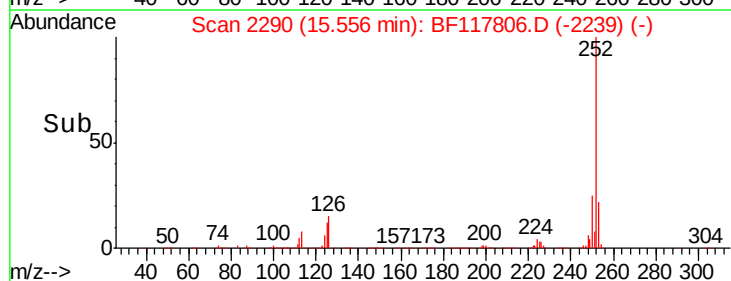
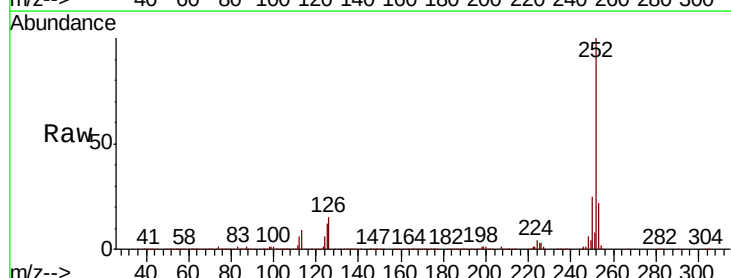
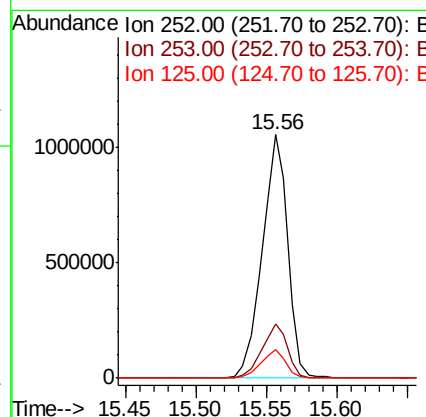
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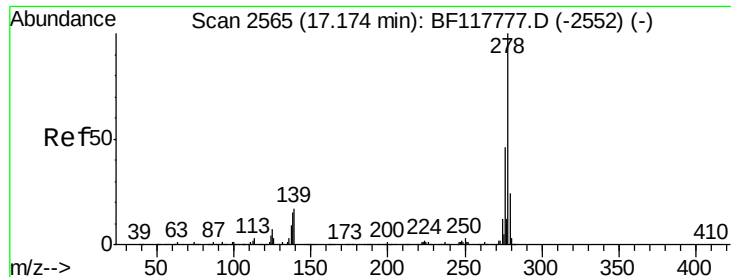
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#90
Benzo(a)pyrene
Concen: 34.860 ng
RT: 15.56 min Scan# 2290
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.8	9.2	13.8





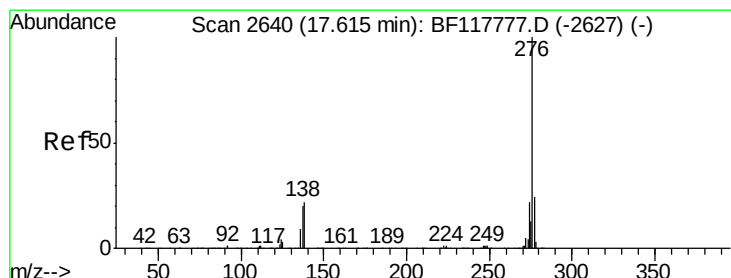
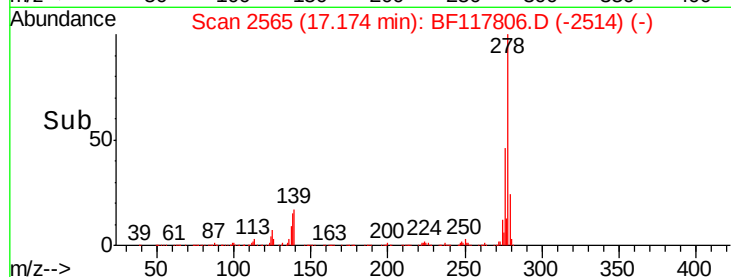
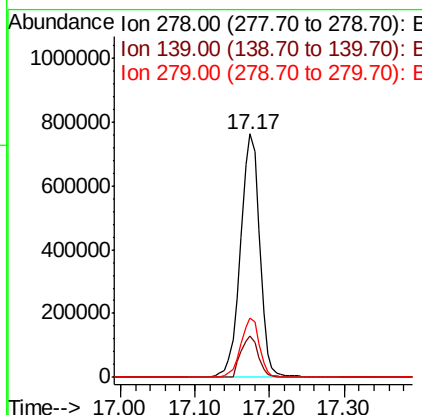
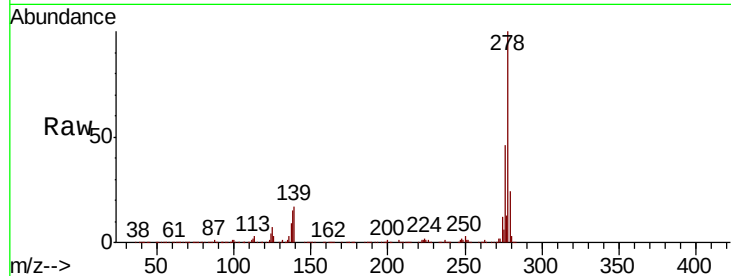
#91
Dibenzo(a,h)anthracene
Concen: 41.365 ng
RT: 17.17 min Scan# 2565
Delta R.T. -0.00 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Instrument :
BNA_F
ClientSampleId :
EP-6MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.8	20.8
279	24.2	19.6	29.4

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#92
Benzo(g,h,i)perylene
Concen: 42.372 ng
RT: 17.62 min Scan# 2641
Delta R.T. 0.01 min
Lab File: BF117806.D
Acq: 15 Nov 2019 16:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.9	28.3
138	23.1	17.4	26.2

