

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091619\
 Data File : BF117055.D
 Acq On : 16 Sep 2019 11:44
 Operator : HP/JU
 Sample : K4663-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-091119MS

Manual Integrations
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Quant Time: Sep 16 15:06:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	67182	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	265705	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	138253	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	230876	20.00	ng	0.00
76) Chrysene-d12	13.97	240	168564	20.00	ng	0.00
87) Perylene-d12	15.42	264	151178	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	465697	108.22	ng	0.02
7) Phenol-d6	6.46	99	585251	105.24	ng	0.00
23) Nitrobenzene-d5	7.39	82	429321	84.90	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	154227	133.47	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	742588	83.98	ng	0.00
79) Terphenyl-d14	12.92	244	758056	84.06	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.68	88	63570	35.305	ng	# 86
3) Pyridine	3.42	79	126261	25.619	ng	97
4) n-Nitrosodimethylamine	3.33	42	67907	40.150	ng	99
6) Aniline	6.49	93	159373	22.259	ng	# 89
8) 2-Chlorophenol	6.62	128	197815	42.612	ng	97
9) Benzaldehyde	6.37	77	84928	27.650	ng	95
10) Phenol	6.47	94	214213	34.941	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	186858	41.470	ng	97
12) 1,3-Dichlorobenzene	6.77	146	200637	38.516	ng	96
13) 1,4-Dichlorobenzene	6.84	146	203907	38.357	ng	98
14) 1,2-Dichlorobenzene	7.00	146	195574	39.514	ng	98
15) Benzyl Alcohol	6.97	79	180885	42.416	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	175892	39.512	ng	92
17) 2-Methylphenol	7.08	107	159320	40.950	ng	98
18) Hexachloroethane	7.33	117	79111	38.683	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	143845	42.478	ng	98
20) 3+4-Methylphenols	7.23	107	196371	40.521	ng	98
22) Acetophenone	7.23	105	294633	43.645	ng	99
24) Nitrobenzene	7.40	77	223262	44.707	ng	98
25) Isophorone	7.65	82	398425	44.498	ng	99
26) 2-Nitrophenol	7.72	139	99873	46.559	ng	98
27) 2,4-Dimethylphenol	7.76	122	169559	49.846	ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	240992	43.686	ng	99
29) 2,4-Dichlorophenol	7.96	162	161470	45.302	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	161968	42.061	ng	99
31) Naphthalene	8.13	128	568919	44.521	ng	100
32) Benzoic acid	7.86	122	41805	20.634	ng	95
33) 4-Chloroaniline	8.17	127	91973	16.227	ng	96
34) Hexachlorobutadiene	8.25	225	90390	41.374	ng	97
35) Caprolactam	8.53	113	40740m	33.769	ng	
36) 4-Chloro-3-methylphenol	8.66	107	192313	46.273	ng	97
37) 2-Methylnaphthalene	8.82	142	390383	45.366	ng	99
38) 1-Methylnaphthalene	8.91	142	358460	44.477	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	152948	42.842	ng	99

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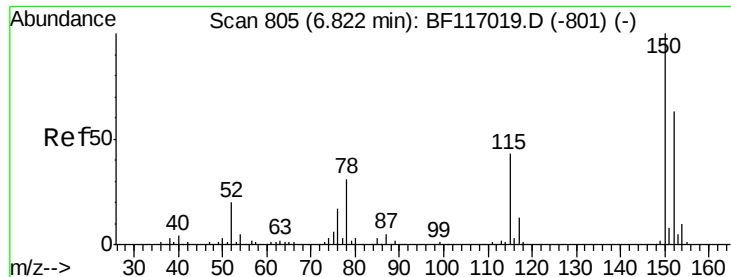
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	143378	89.792	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	105212	43.427	nq	98
44) 2,4,5-Trichlorophenol	9.14	196	117562	45.417	nq	95
46) 1,1'-Biphenyl	9.27	154	464503	42.833	nq	99
47) 2-Chloronaphthalene	9.30	162	363442	42.465	nq	98
48) 2-Nitroaniline	9.40	65	120387	43.854	nq	98
49) Acenaphthylene	9.72	152	580941	45.310	nq	99
50) Dimethylphthalate	9.57	163	438762	44.822	nq	99
51) 2,6-Dinitrotoluene	9.64	165	93435	46.865	nq	98
52) Acenaphthene	9.89	154	330187	43.444	nq	99
53) 3-Nitroaniline	9.80	138	73646	29.278	nq	98
54) 2,4-Dinitrophenol	9.92	184	42225	52.596	nq	95
55) Dibenzofuran	10.06	168	504204	44.963	nq	96
56) 4-Nitrophenol	9.97	139	135436	83.075	nq	97
57) 2,4-Dinitrotoluene	10.05	165	126606	48.921	nq	# 94
58) Fluorene	10.40	166	406153	44.963	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	93214m	47.058	nq	
60) Diethylphthalate	10.27	149	424481	44.076	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	171717	43.937	nq	96
62) 4-Nitroaniline	10.42	138	116204	44.421	nq	97
63) Azobenzene	10.55	77	445225	45.264	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	38862	38.532	nq	96
66) n-Nitrosodiphenylamine	10.51	169	353562	44.342	nq	97
67) 4-Bromophenyl-phenylether	10.88	248	100941	42.812	nq	94
68) Hexachlorobenzene	10.95	284	105854	41.047	nq	94
69) Atrazine	11.03	200	97593	50.979	nq	98
70) Pentachlorophenol	11.15	266	117168	96.926	nq	98
71) Phenanthrene	11.36	178	581866	44.371	nq	100
72) Anthracene	11.41	178	606244	45.282	nq	98
73) Carbazole	11.56	167	577848	45.471	nq	98
74) Di-n-butylphthalate	11.89	149	670578	44.351	nq	98
75) Fluoranthene	12.54	202	602474	44.713	nq	97
77) Benzidine	12.66	184	172836	31.831	nq	97
78) Pyrene	12.77	202	607221	42.932	nq	99
80) Butylbenzylphthalate	13.38	149	289652	43.340	nq	95
81) Benzo(a)anthracene	13.96	228	491492	43.642	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	88738	24.452	nq	98
83) Chrysene	14.00	228	490465	44.652	nq	100
84) Bis(2-ethylhexyl)phthalate	13.94	149	391408	45.423	nq	# 98
85) Di-n-octyl phthalate	14.55	149	643976	47.482	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	386222	48.196	nq	97
88) Benzo(b)fluoranthene	15.00	252	424642	46.371	nq	99
89) Benzo(k)fluoranthene	15.03	252	371589	42.837	nq	99
90) Benzo(a)pyrene	15.36	252	374616	46.619	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	313227	48.930	nq	98
92) Benzo(g,h,i)perylene	17.29	276	321626	50.419	nq	96

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



#1

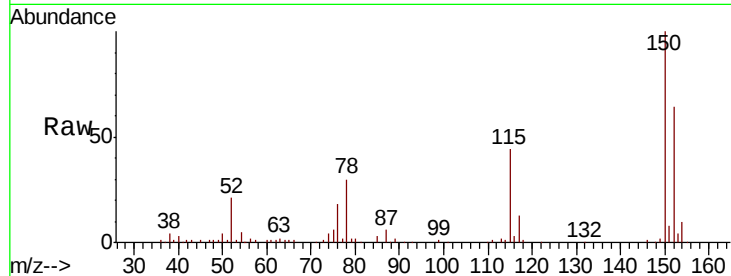
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.5	191.3
115	68.5	55.0	82.4

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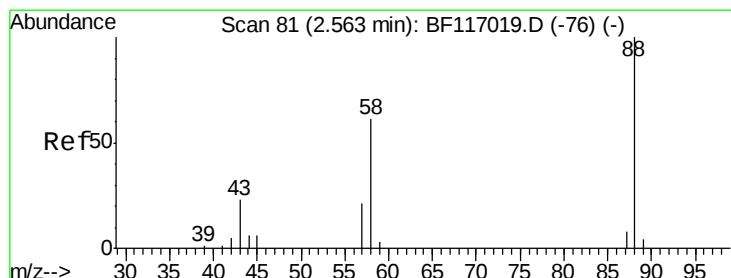
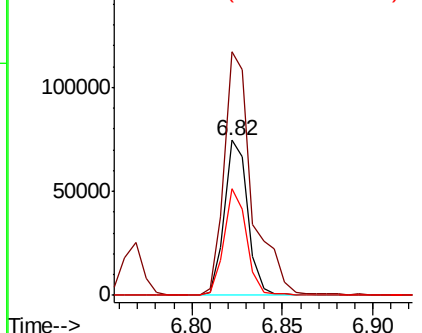
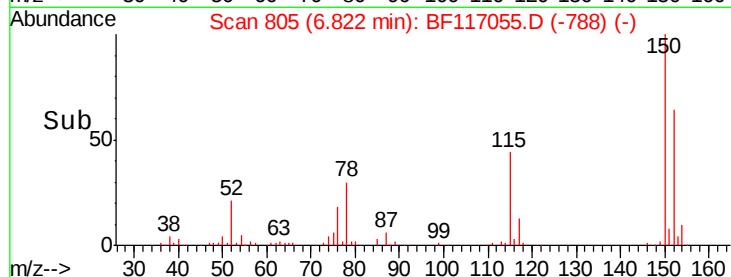


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

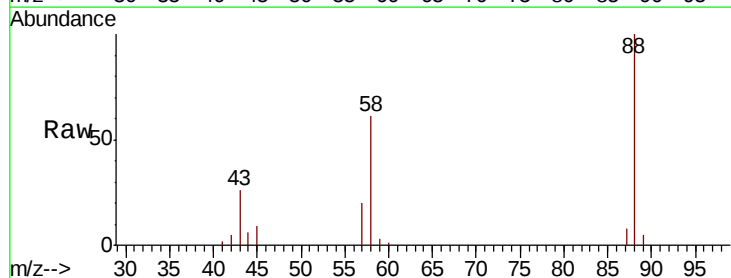
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.305 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.12 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	49.3	73.9
43	0.0	18.8	28.2

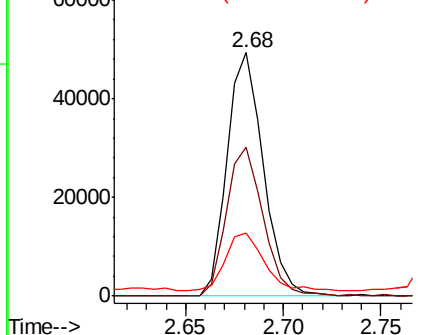
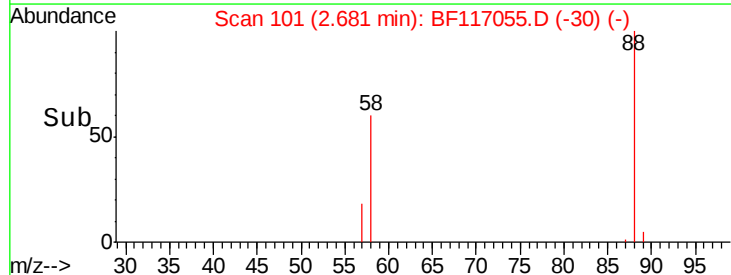


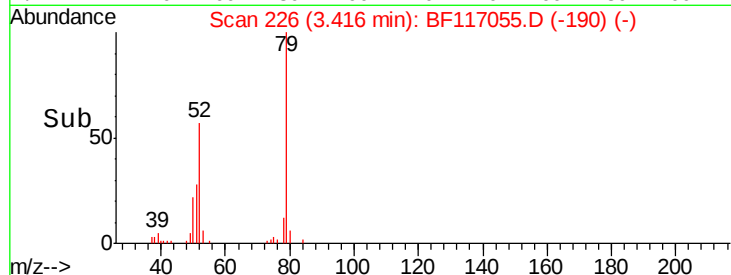
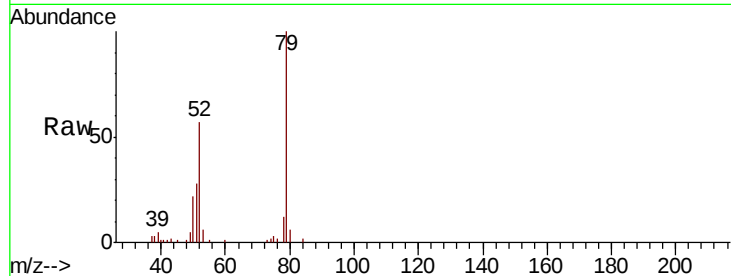
Abundance

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





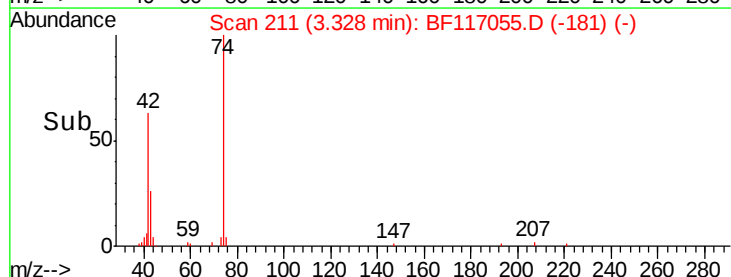
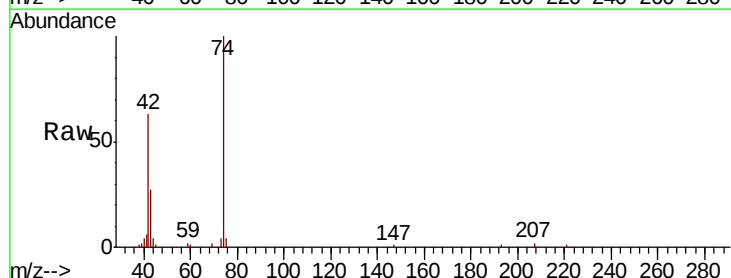
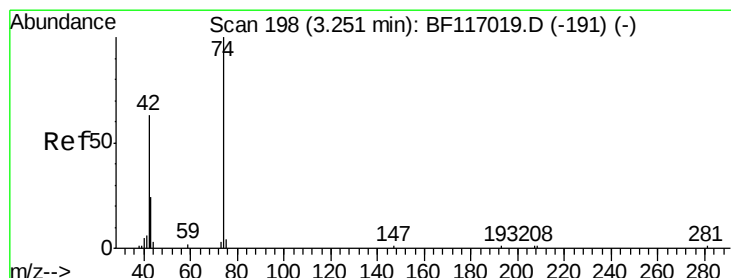
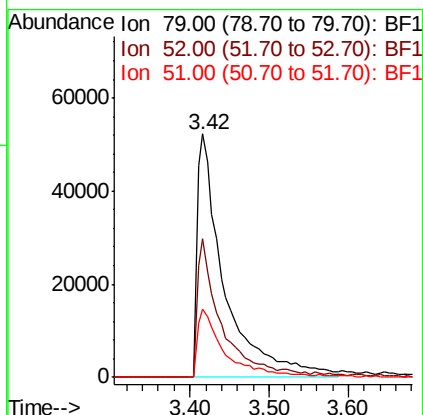
#3
Pvridine
Concen: 25.619 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.11 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	126261		
52	52	57.1	43.5	65.3	
51	51	28.3	21.8	32.6	

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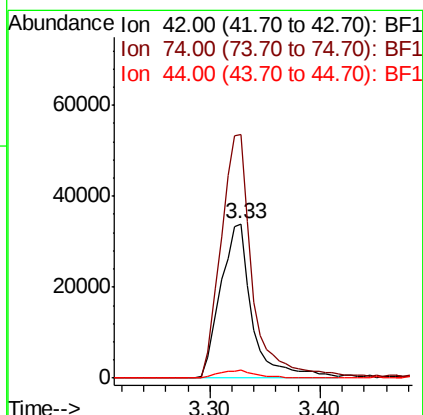
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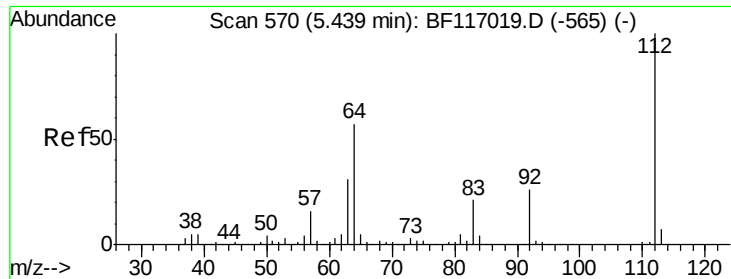
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#4
n-Nitrosodimethylamine
Concen: 40.150 ng
RT: 3.33 min Scan# 211
Delta R.T. 0.08 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	67907		
74	74	157.6	127.1	190.7	
44	44	5.6	4.3	6.5	





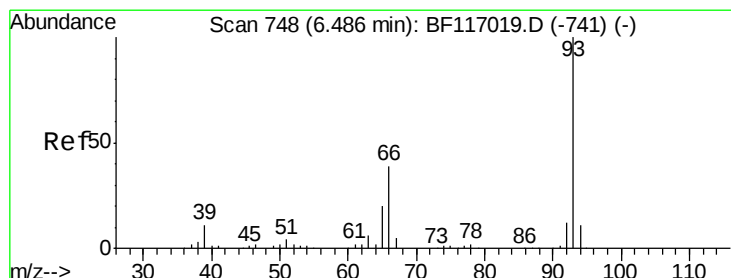
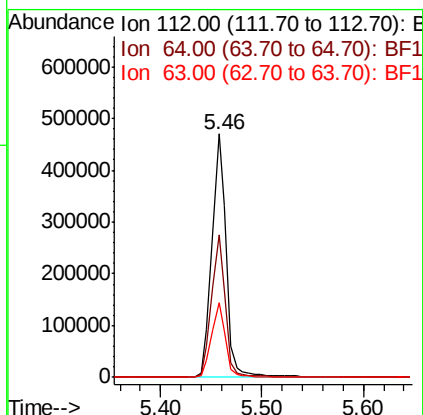
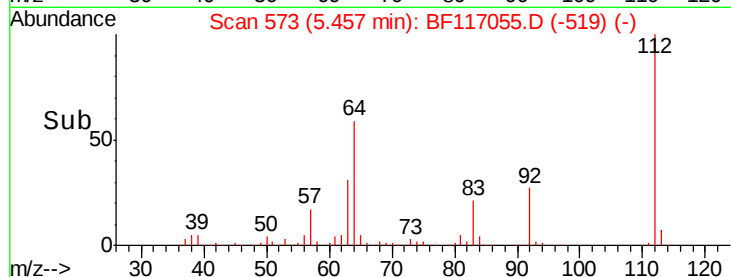
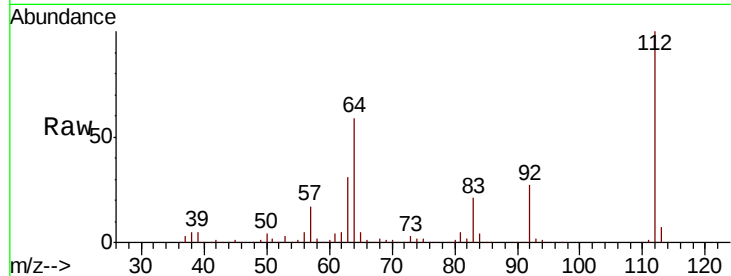
#5
2-Fluorophenol
Concen: 108.224 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	465697		
64	58.7		45.7	68.5
63	30.9		24.9	37.3

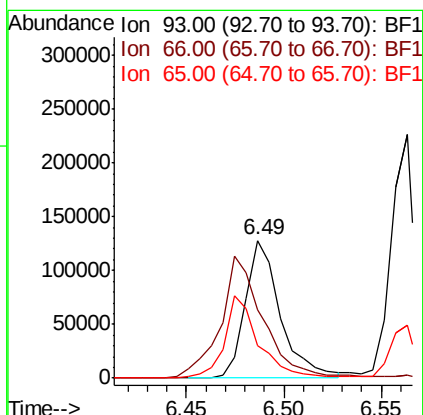
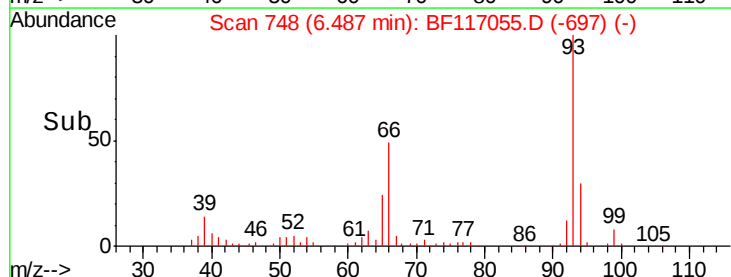
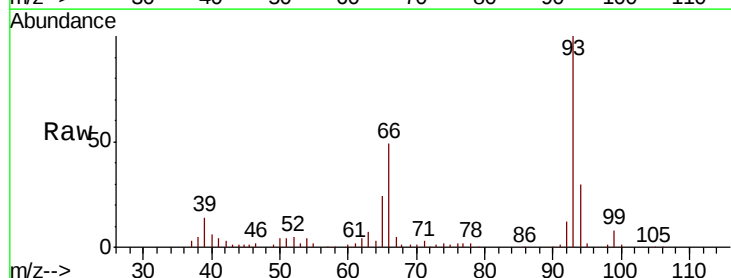
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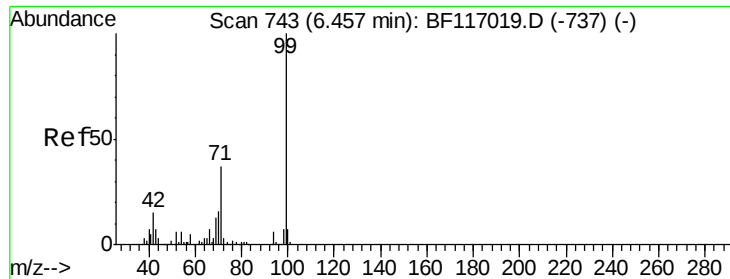
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#6
Aniline
Concen: 22.259 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	159373		
66	49.2		32.6	49.0#
65	23.6		16.7	25.1





#7

Phenol-d6

Concen: 105.239 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

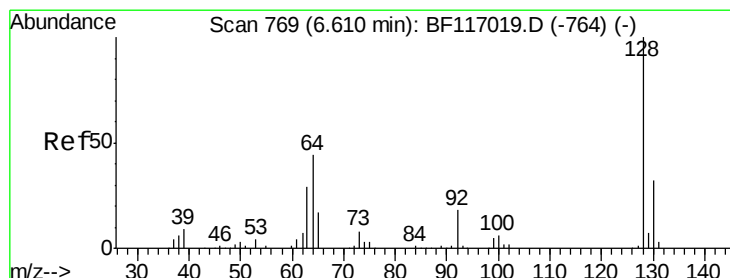
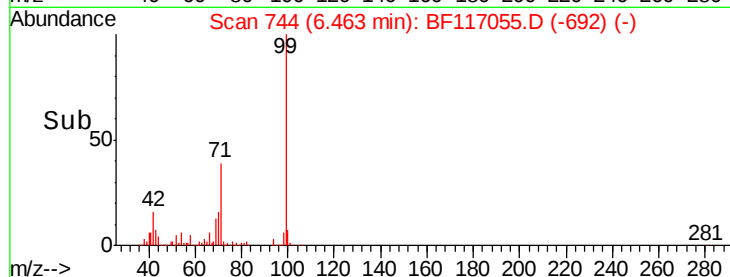
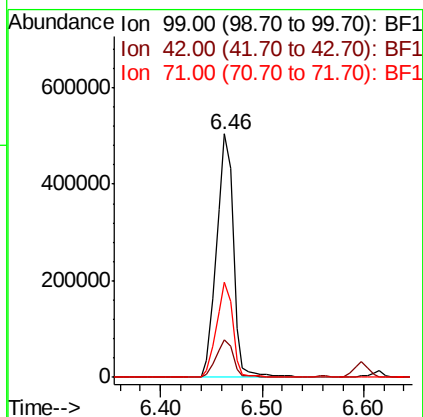
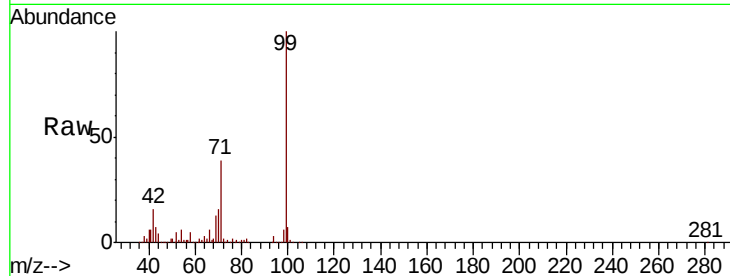
ClientSampleId :

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Tot Ion:	99	Resp:	585251
Ion Ratio	Lower	Upper	
99	100		
42	15.6	12.2	18.2
71	38.9	29.8	44.8

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#8

2-Chlorophenol

Concen: 42.612 ng

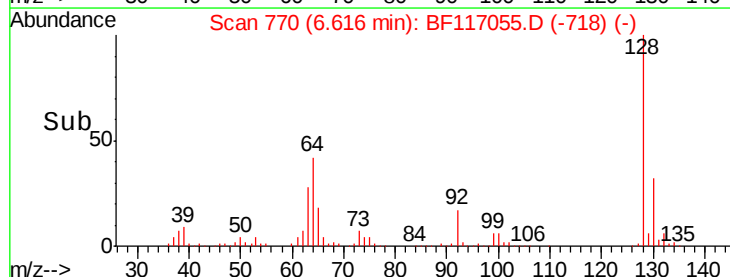
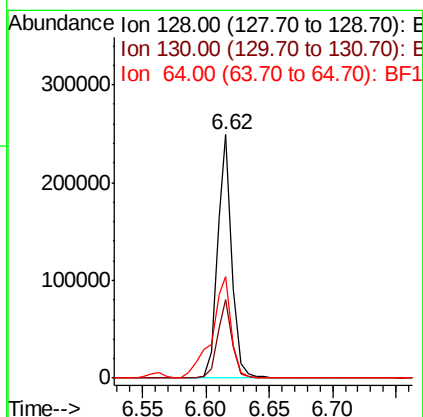
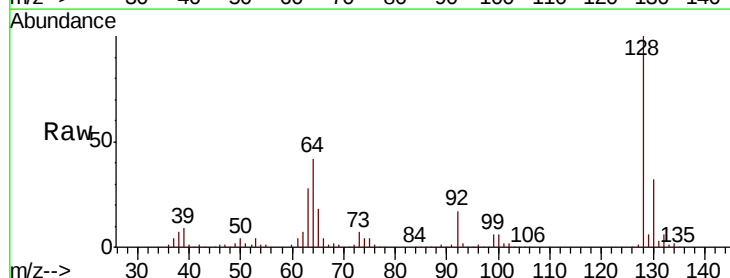
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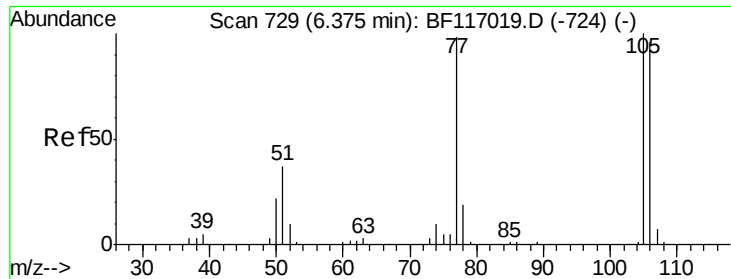
Delta R.T. 0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion:	128	Resp:	197815
Ion Ratio	Lower	Upper	
128	100		
130	32.2	11.8	51.8
64	41.8	25.0	65.0





#9

Benzaldehyde

Concen: 27.650 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

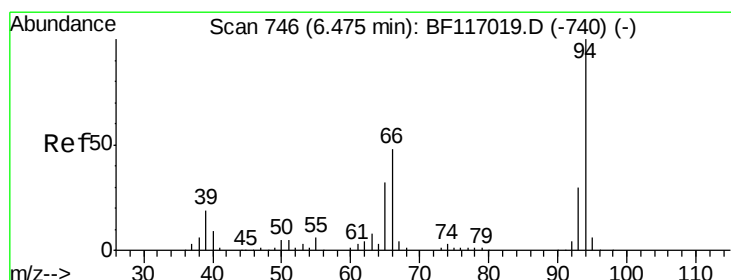
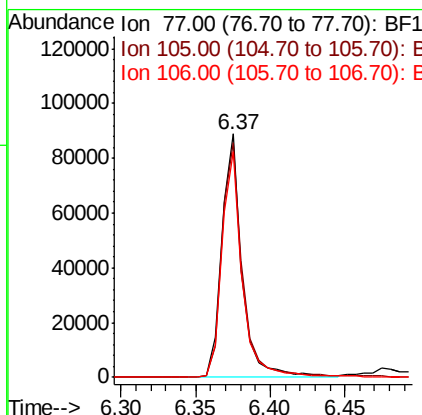
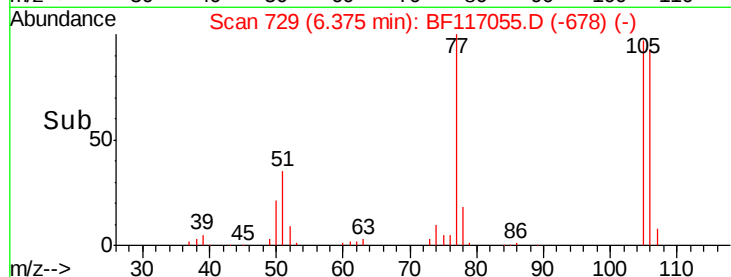
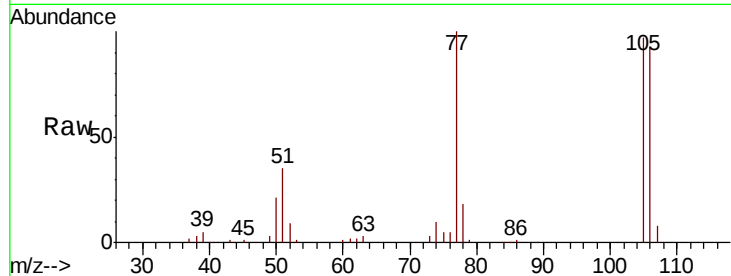
ClientSampleId :

OK-01-091119MS

Tot Ion:	77	Resp:	84928
Ion	Ratio	Lower	Upper
77	100		
105	96.6	81.8	121.8
106	92.7	77.3	117.3

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#10

Phenol

Concen: 34.941 ng

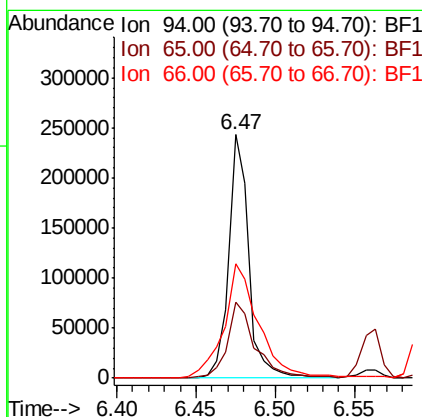
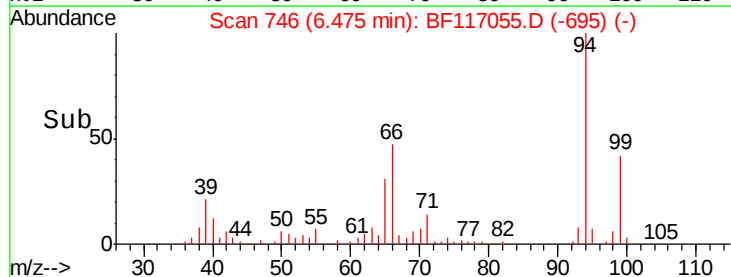
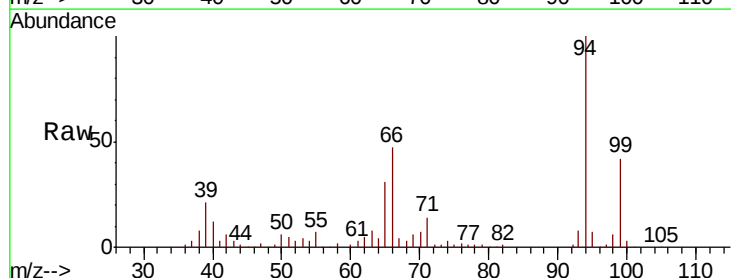
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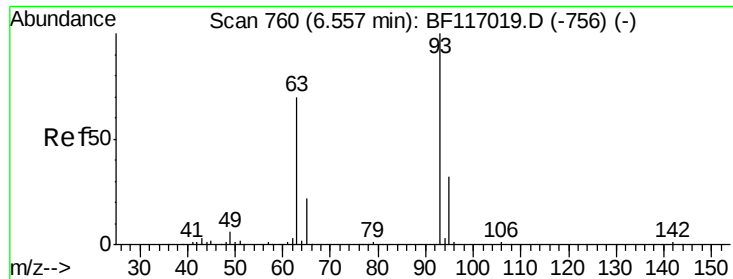
Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion:	94	Resp:	214213
Ion	Ratio	Lower	Upper
94	100		
65	31.2	12.5	52.5
66	46.8	28.9	68.9





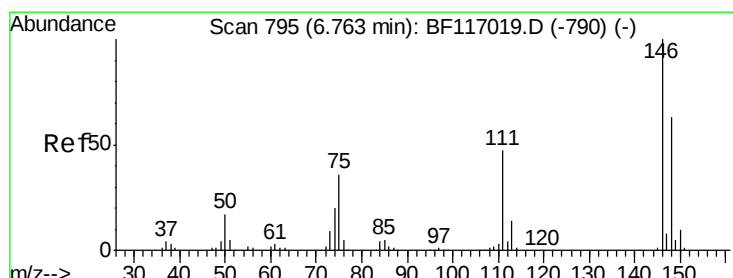
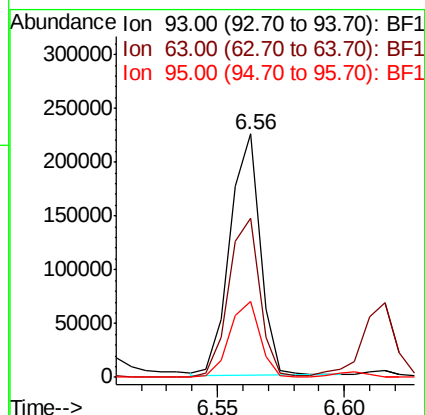
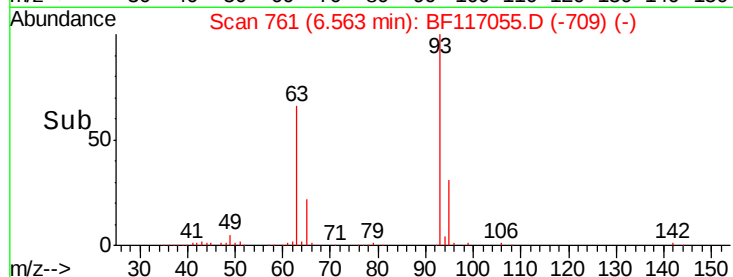
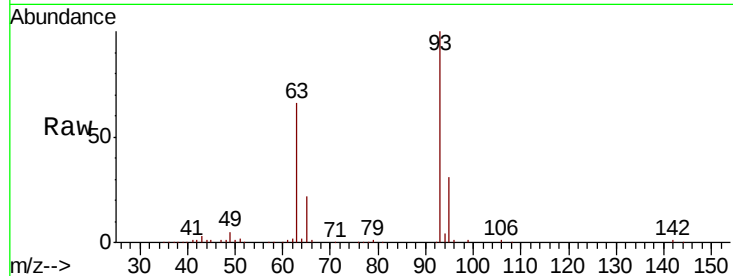
#11
bis(2-Chloroethyl)ether
Concen: 41.470 ng
RT: 6.56 min Scan# 761
Delta R.T. 0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	93	Resp	186858
Ion Ratio	Lower	Upper	
93	100		
63	65.6	49.3	89.3
95	31.3	11.5	51.5

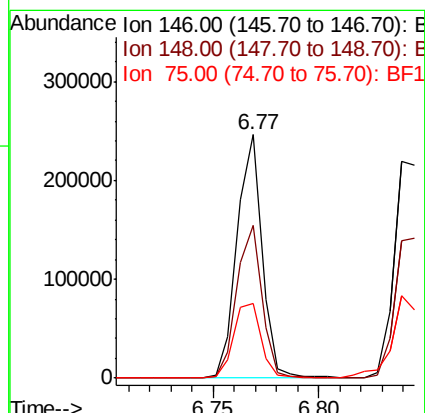
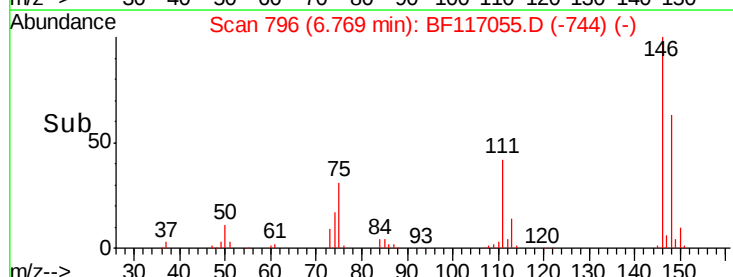
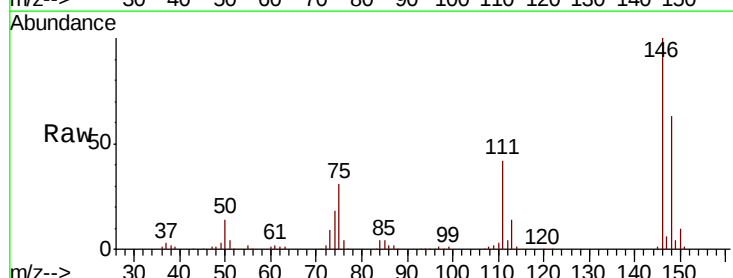
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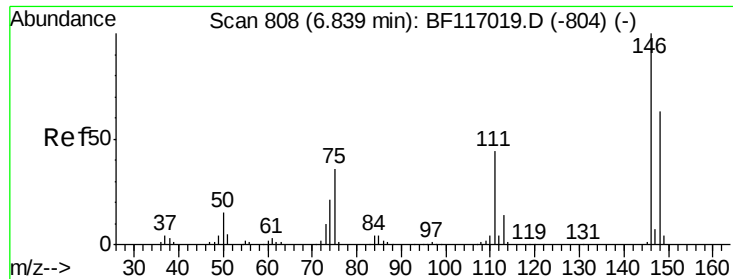
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#12
1,3-Dichlorobenzene
Concen: 38.516 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	146	Resp	200637
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.8	76.2
75	30.8	28.7	43.1





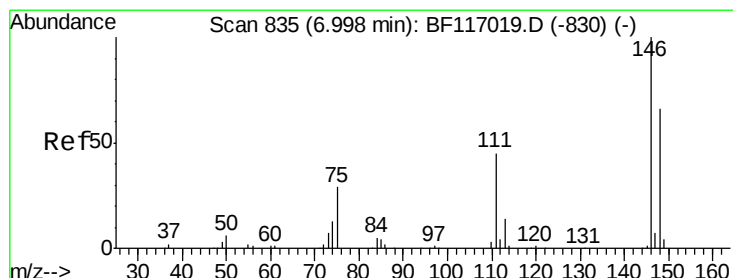
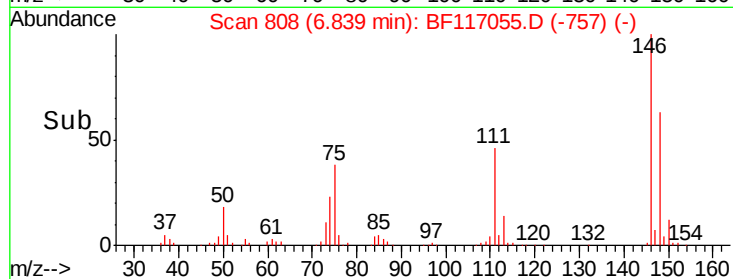
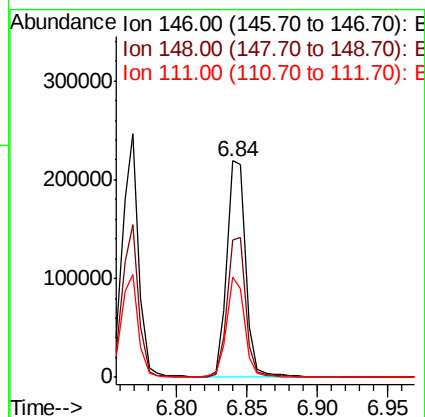
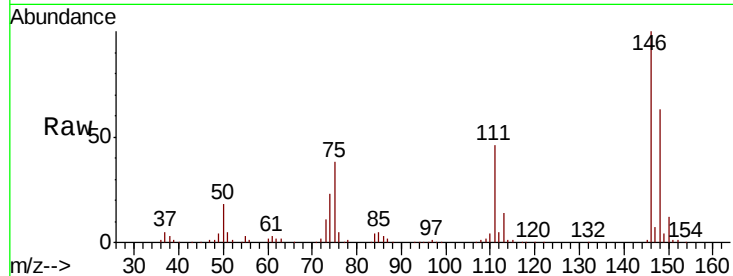
#13
1,4-Dichlorobenzene
Concen: 38.357 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	46.5	35.0	52.6

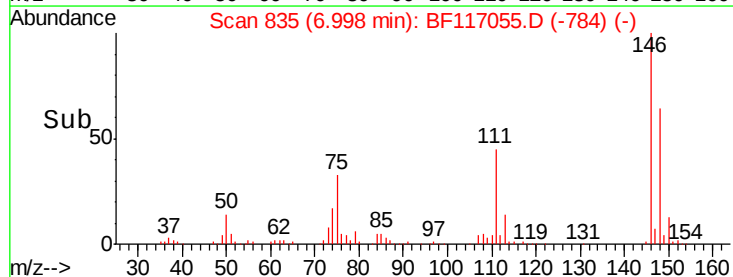
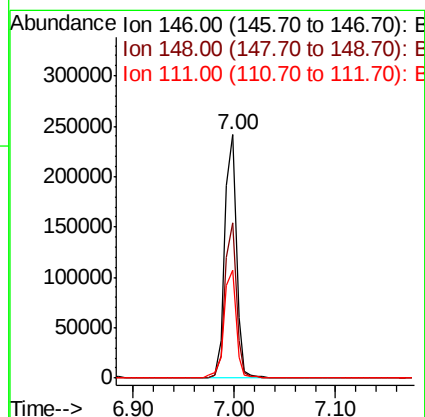
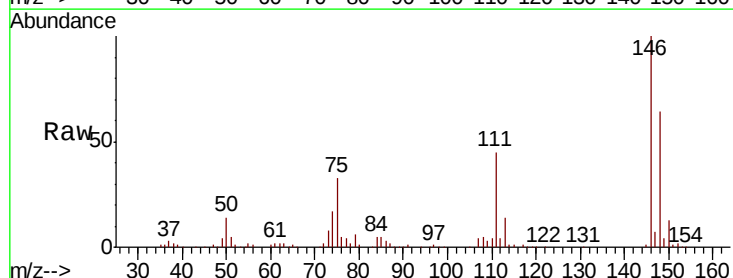
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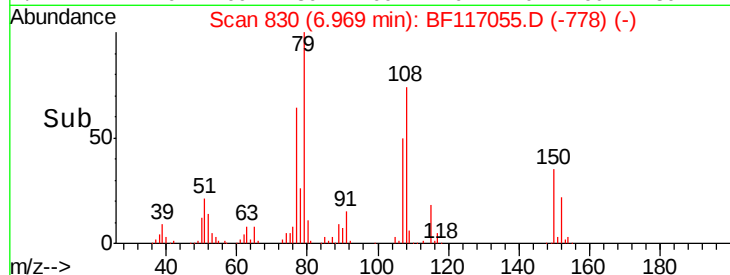
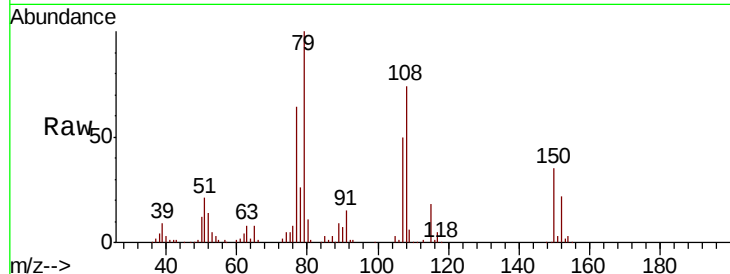
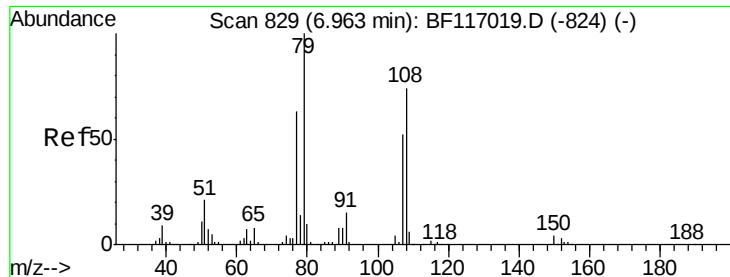
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#14
1,2-Dichlorobenzene
Concen: 39.514 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	52.6	78.8
111	44.6	36.2	54.2





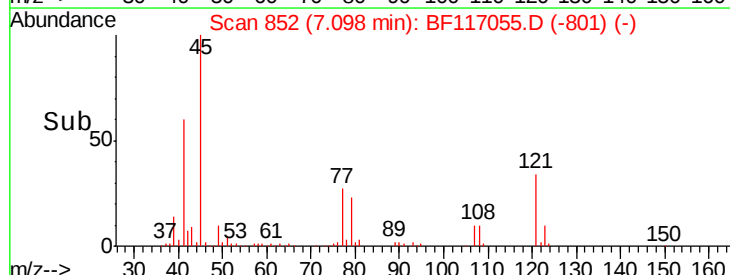
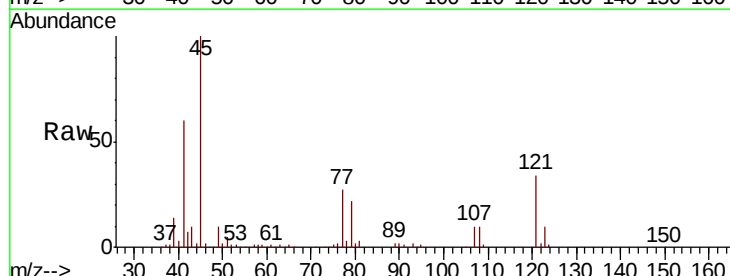
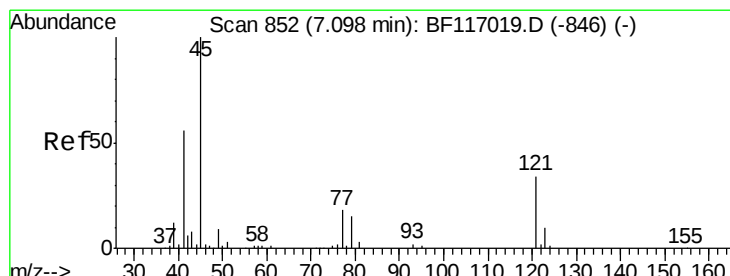
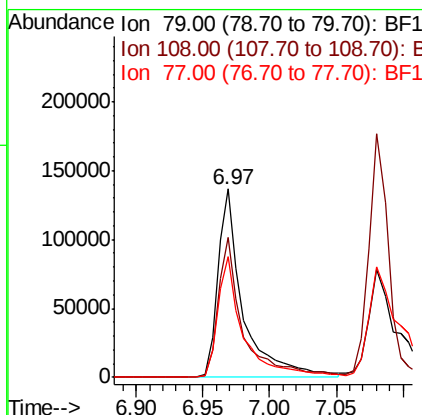
#15
Benzyl Alcohol
Concen: 42.416 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tot Ion:	79	Resp:	180885
Ion Ratio	Lower	Upper	
79	100		
108	74.3	59.4	89.0
77	64.1	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

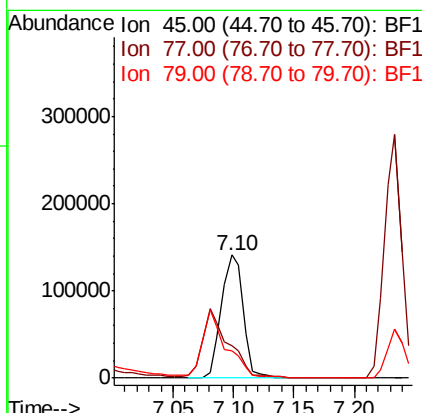
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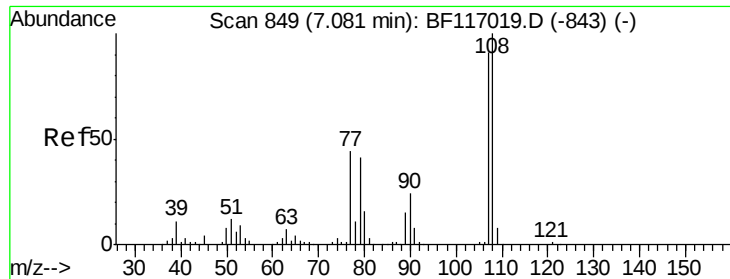
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.512 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion:	45	Resp:	175892
Ion Ratio	Lower	Upper	
45	100		
77	26.6	2.7	42.7
79	22.5	0.0	38.9





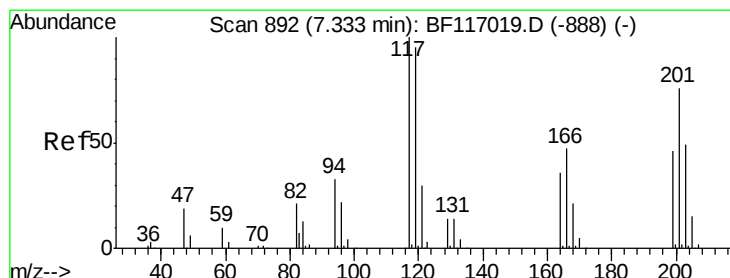
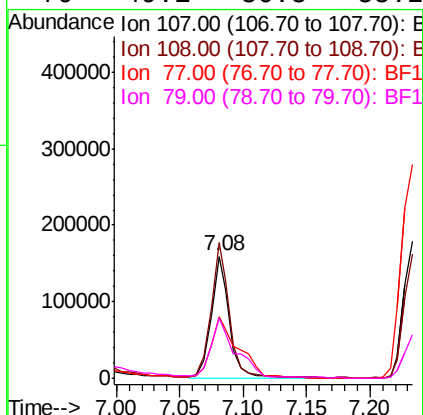
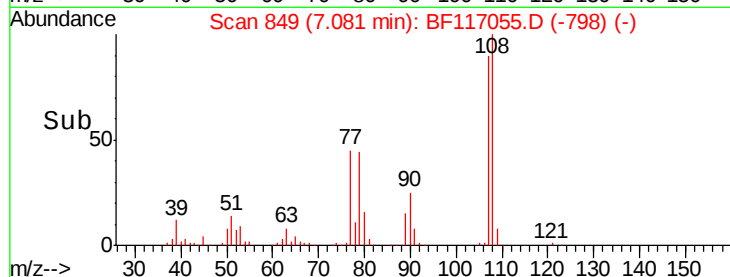
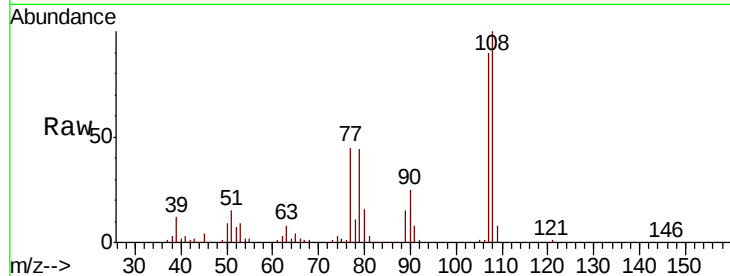
#17
2-Methylphenol
Concen: 40.950 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.8	87.7	131.5	
77	50.3	38.6	58.0	
79	49.1	36.8	55.2	

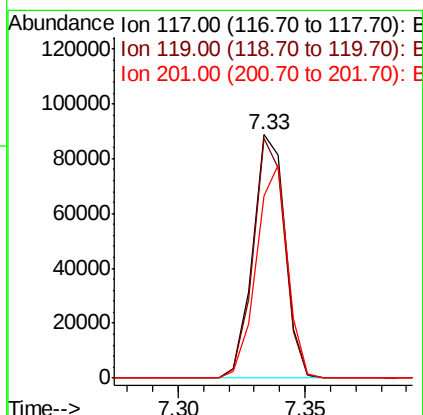
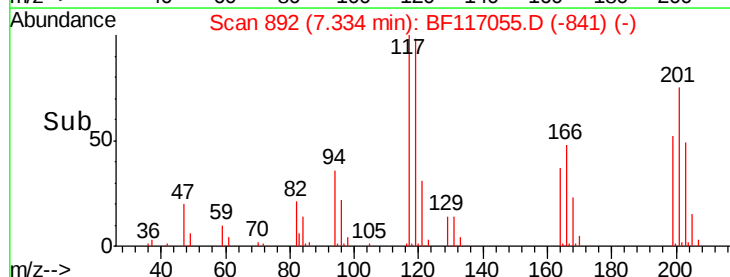
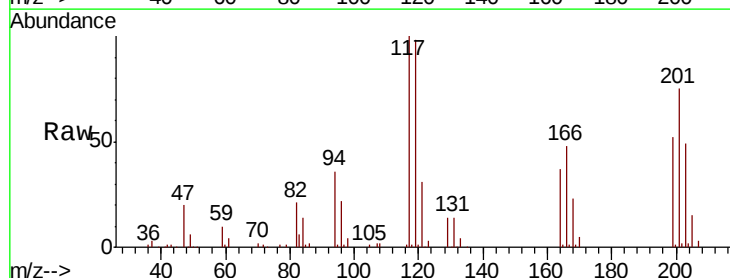
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#18
Hexachloroethane
Concen: 38.683 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	75.8	113.8	
201	75.0	60.9	91.3	





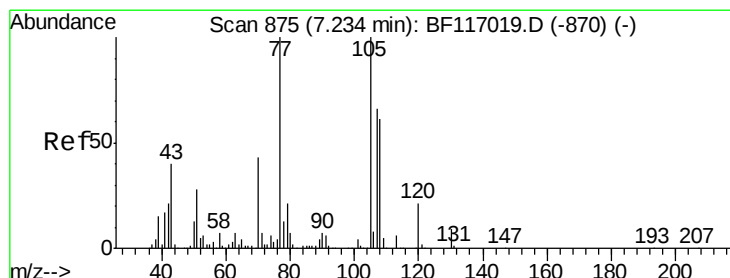
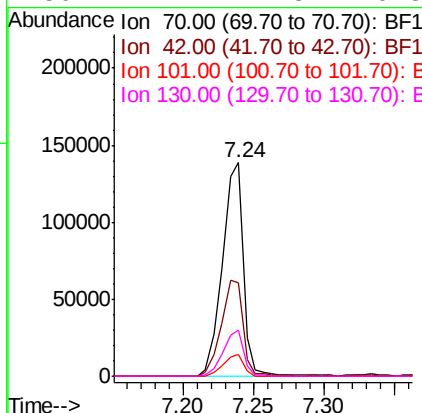
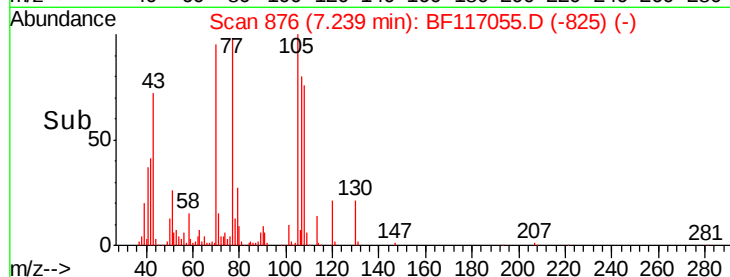
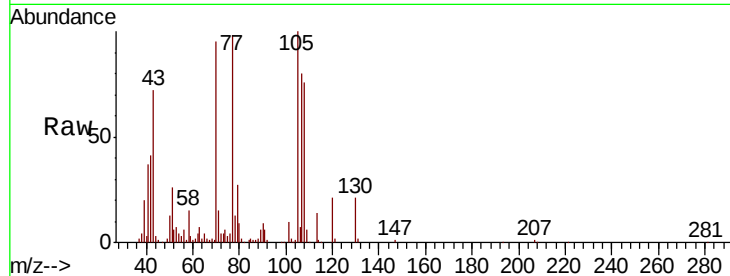
#19
n-Nitroso-di-n-propylamine
Concen: 42.478 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	43.7	34.0	51.0	
101	10.3	7.8	11.6	
130	21.7	17.8	26.8	

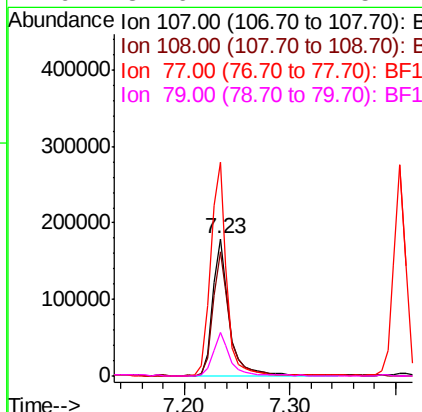
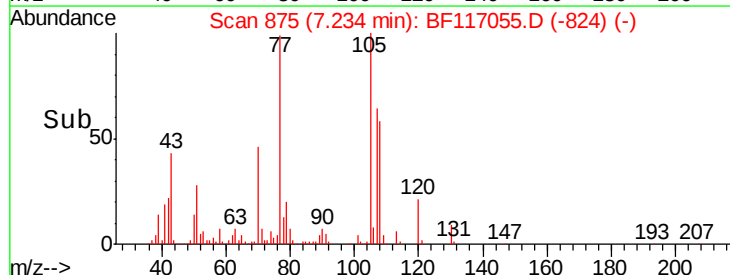
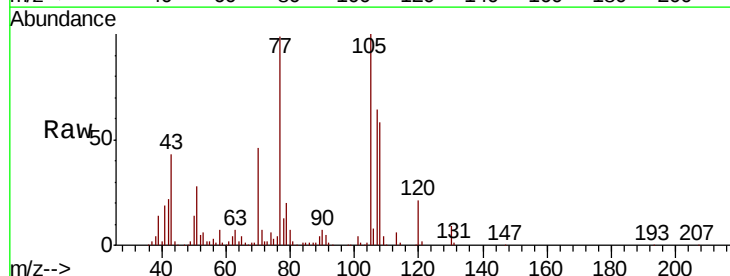
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#20
3+4-Methylphenols
Concen: 40.521 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.2	72.6	112.6	
77	155.7	132.1	172.1	
79	31.6	12.1	52.1	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

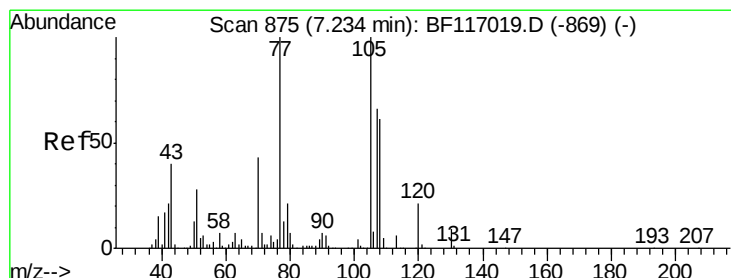
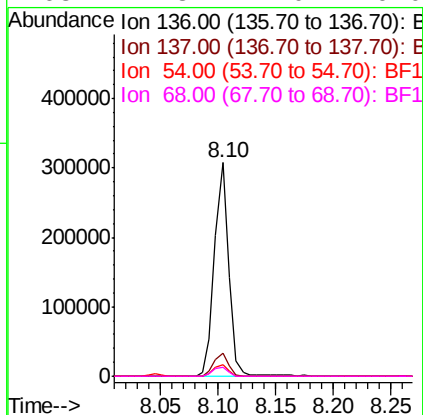
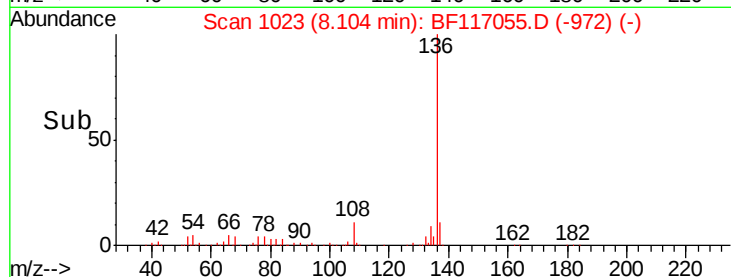
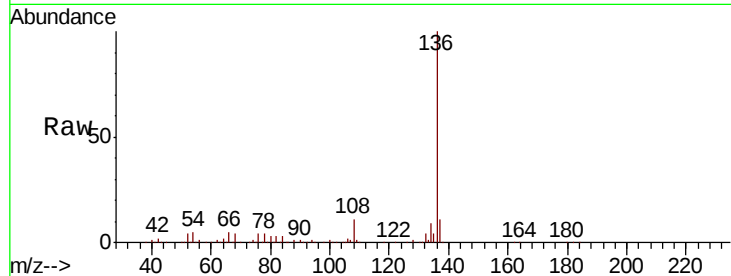
ClientSampleId :

OK-01-091119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		265705		
137	10.7		9.0	13.4	
54	5.3		4.5	6.7	
68	4.3		4.0	6.0	

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#22

Acetophenone

Concen: 43.645 ng

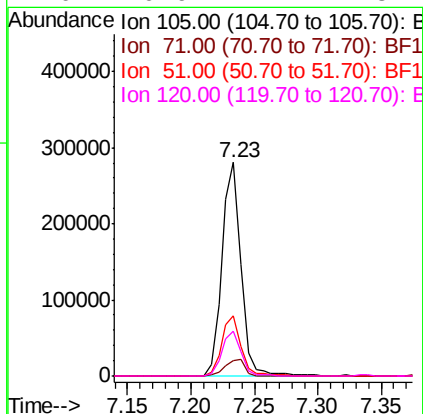
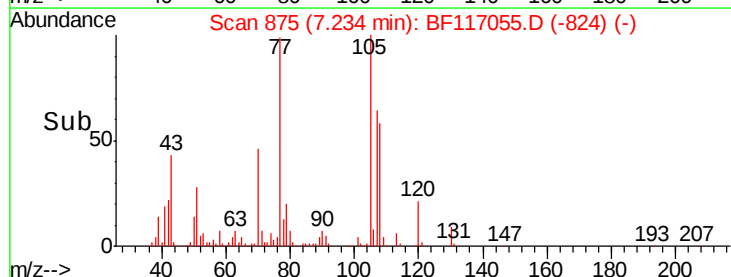
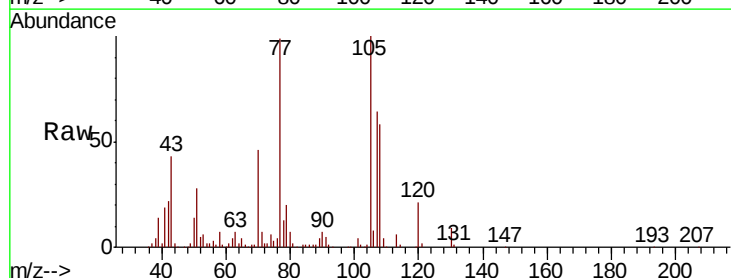
RT: 7.23 min Scan# 875

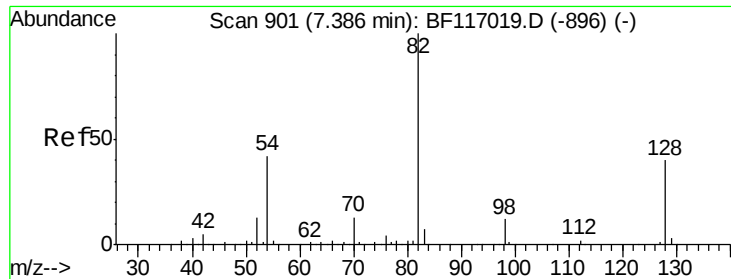
Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		294633		
71	7.4		5.7	8.5	
51	28.2		22.1	33.1	
120	20.9		17.1	25.7	





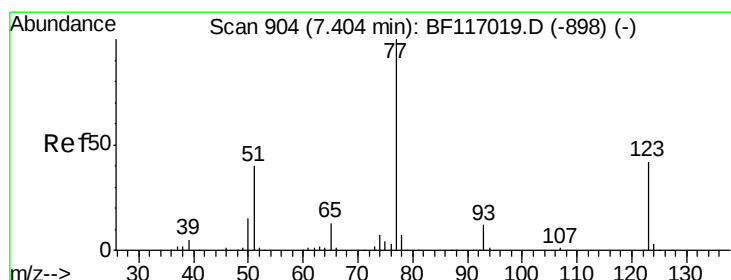
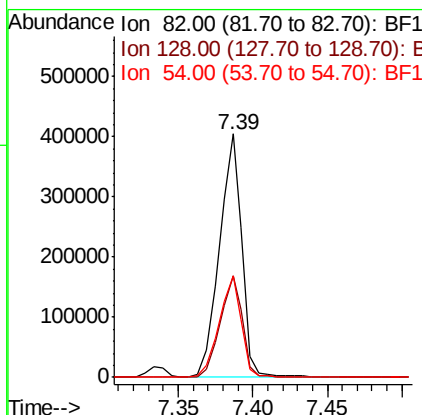
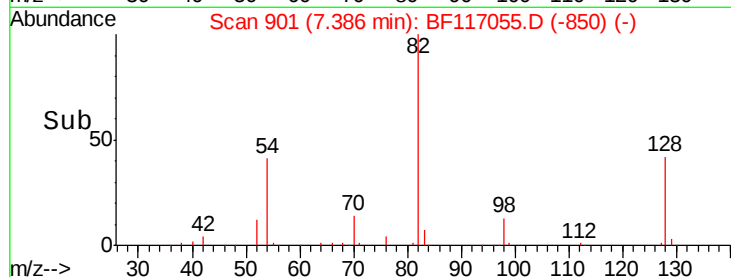
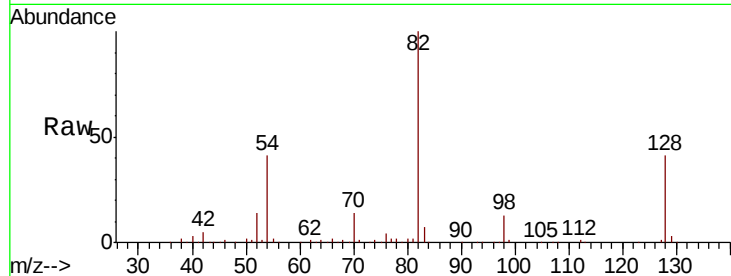
#23
Nitrobenzene-d5
Concen: 84.897 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.3	48.5
54	41.5	33.3	49.9

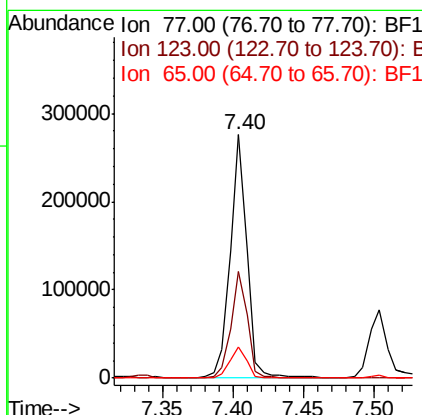
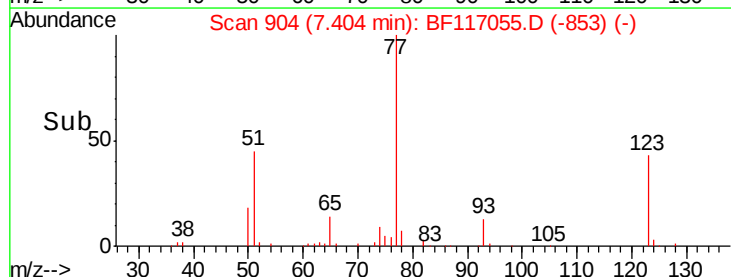
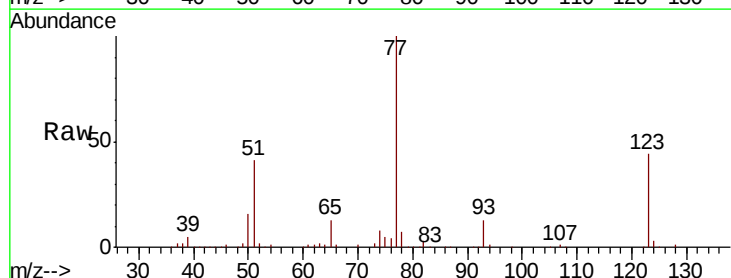
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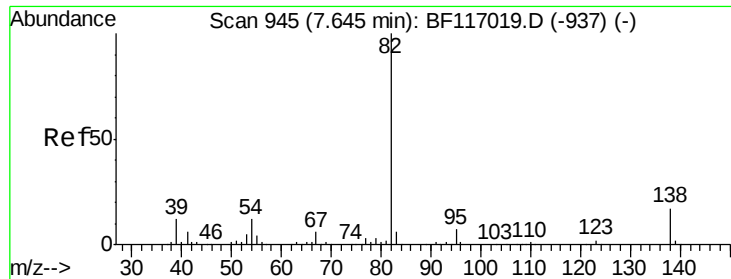
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#24
Nitrobenzene
Concen: 44.707 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	33.5	50.3
65	12.9	10.5	15.7





#25

Isophorone

Concen: 44.498 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

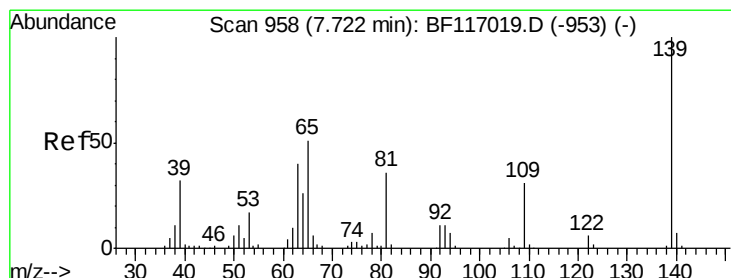
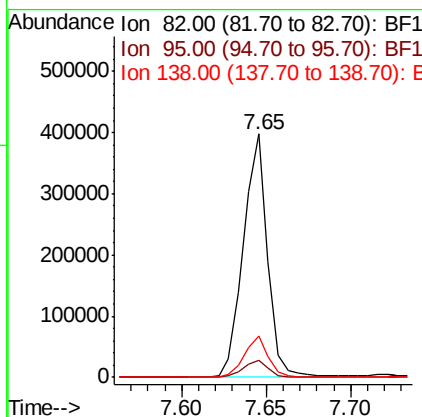
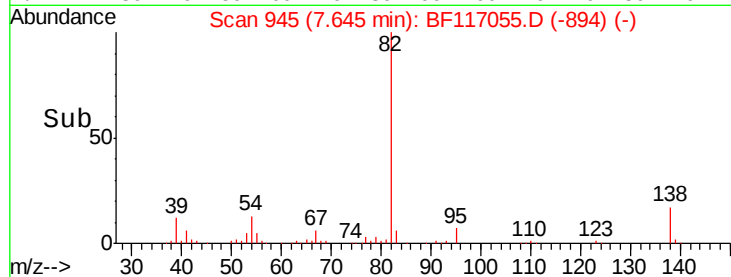
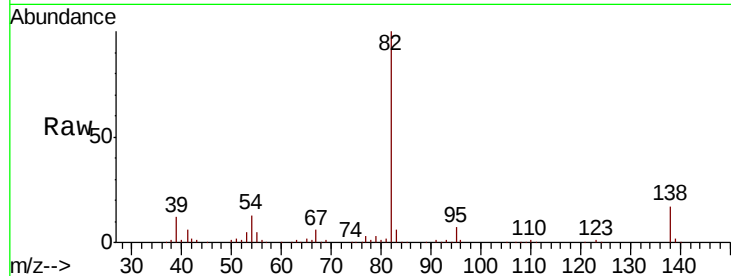
ClientSampleId :

OK-01-091119MS

Tot Ion:	82	Resp:	398425
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	17.2	13.5	20.3

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#26

2-Nitrophenol

Concen: 46.559 ng

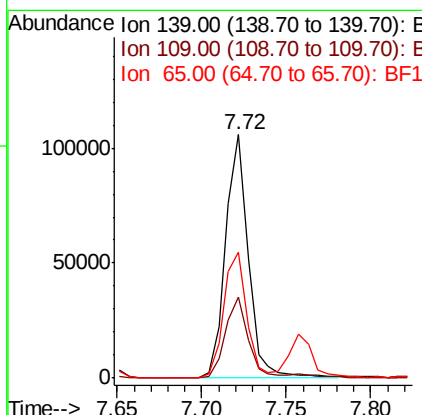
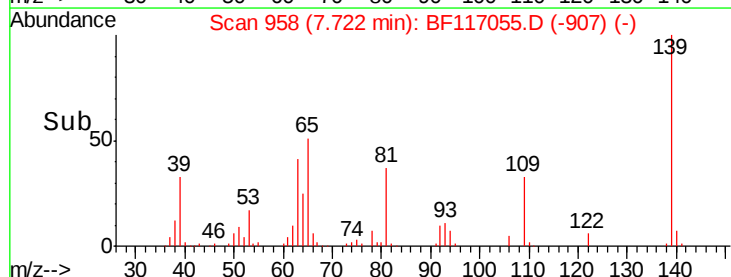
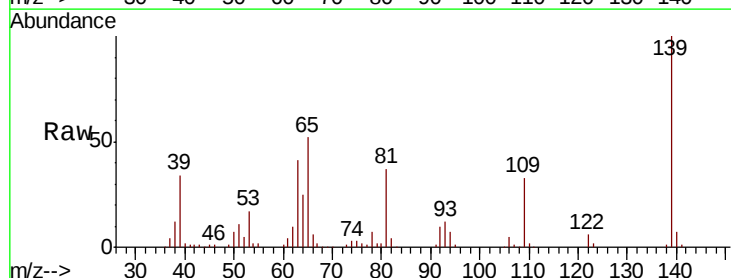
RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion:	139	Resp:	99873
Ion Ratio	Lower	Upper	
139	100		
109	33.3	24.6	36.8
65	51.6	40.9	61.3





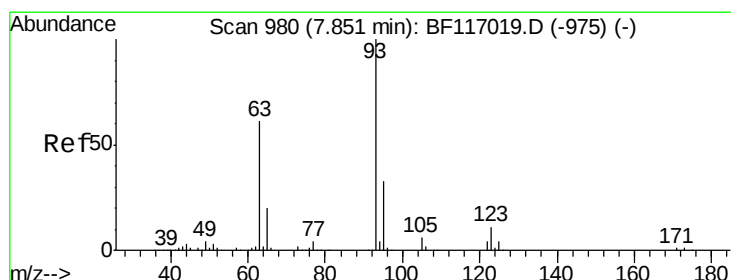
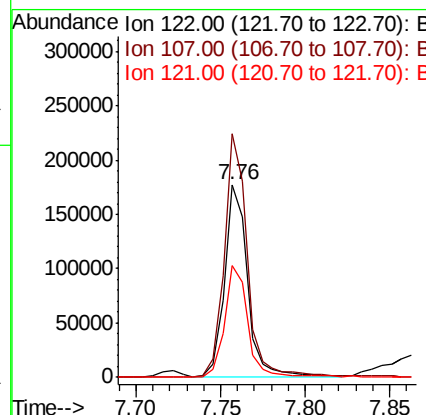
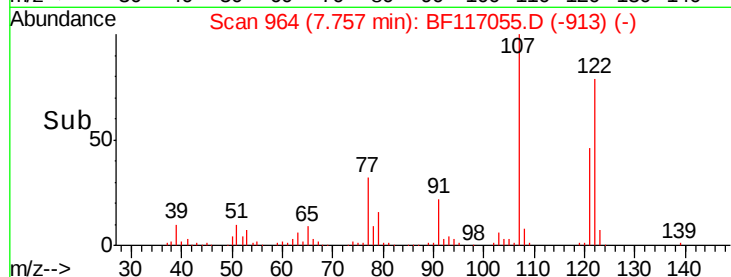
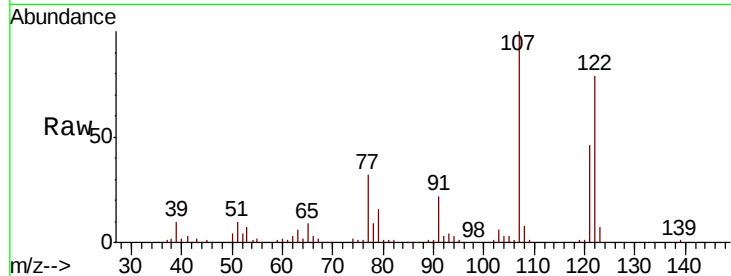
#27
2,4-Dimethylphenol
Concen: 49.846 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	169559		
107	126.5	98.9	148.3	
121	58.4	45.3	67.9	

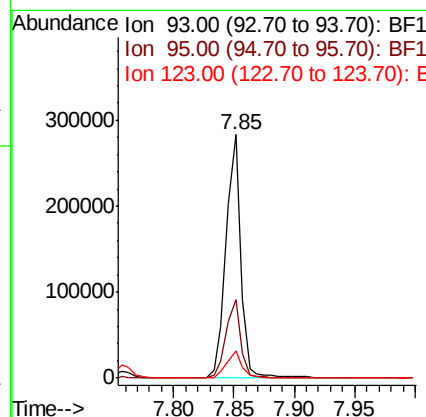
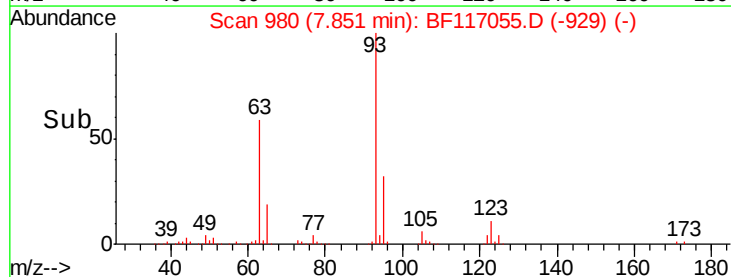
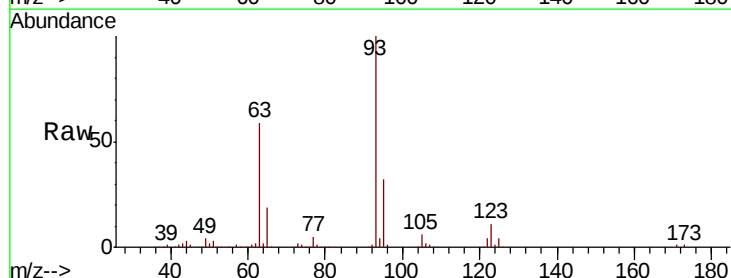
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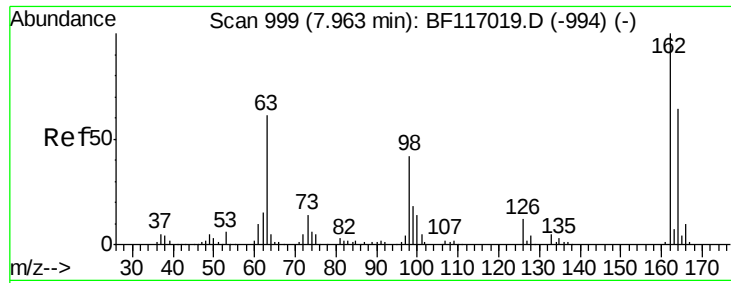
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#28
bis(2-Chloroethoxy)methane
Concen: 43.686 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	240992		
95	32.1	26.2	39.4	
123	11.2	9.0	13.6	





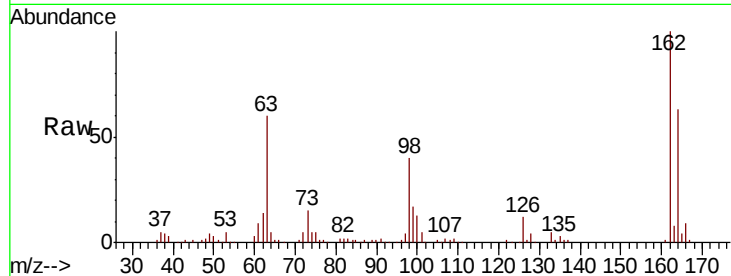
#29
2,4-Dichlorophenol
Concen: 45.302 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	161470		
164	63.2	43.8	83.8	
98	39.5	22.1	62.1	

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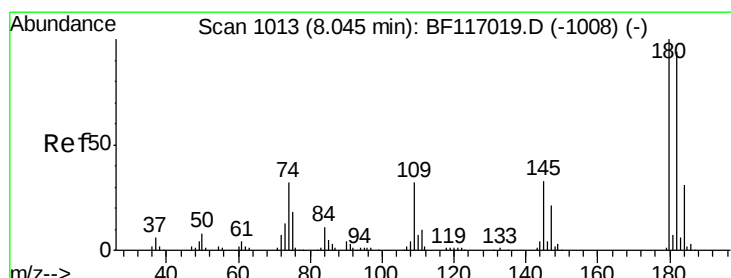
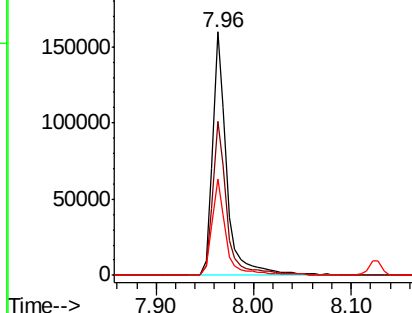
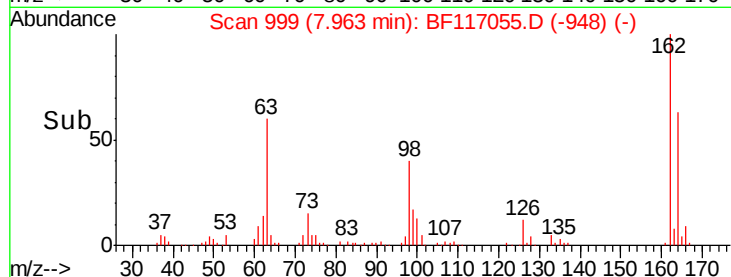


Abundance

Ion 162.00 (161.70 to 162.70): E

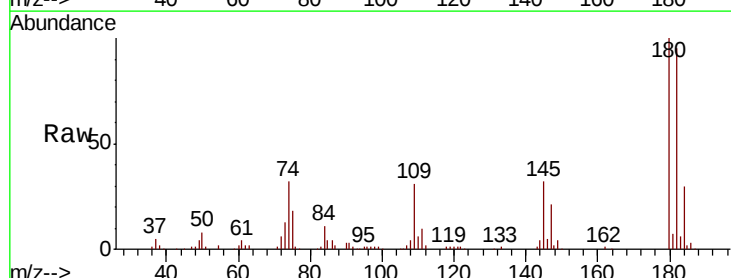
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.061 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	161968		
182	95.4	75.4	113.0	
145	32.4	26.7	40.1	

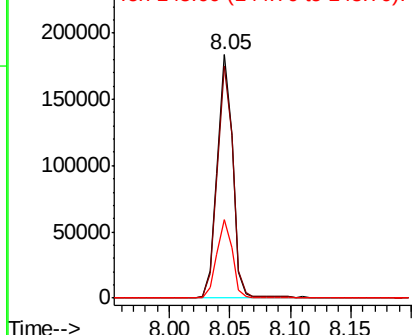
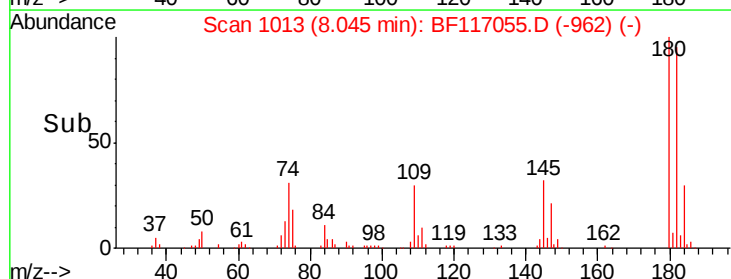


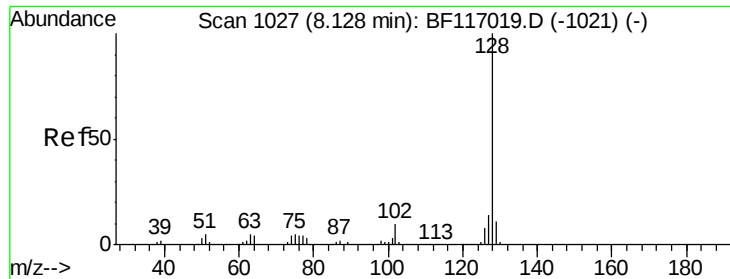
Abundance

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





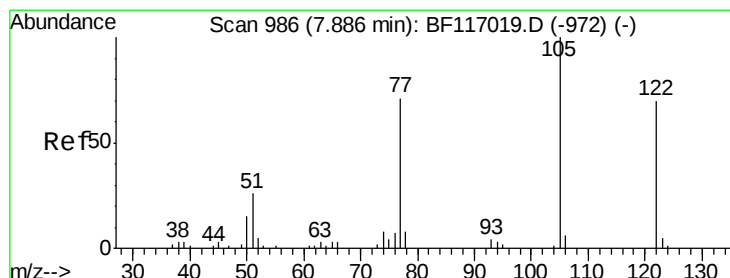
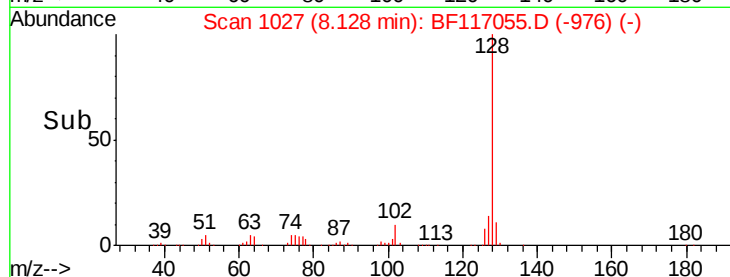
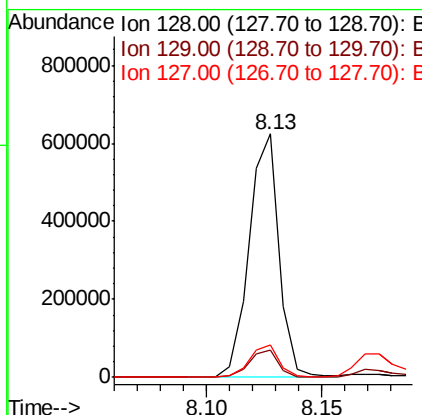
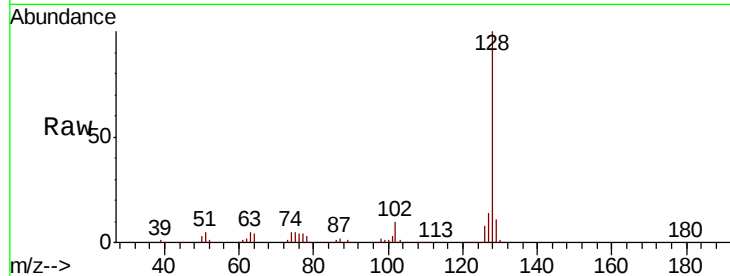
#31
Naphthalene
Concen: 44.521 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion:128	Resp:	568919
Ion Ratio	Lower	Upper
128	100	
129	11.0	9.0 13.4
127	13.6	10.8 16.2

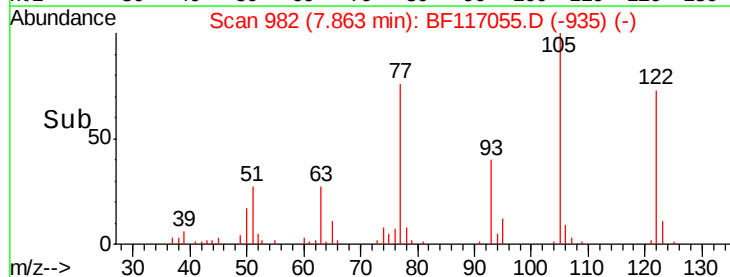
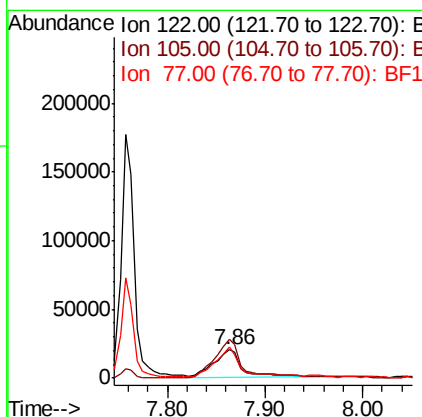
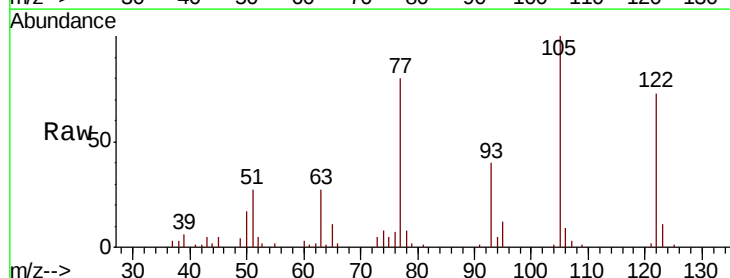
Manual Integrations
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#32
Benzoic acid
Concen: 20.634 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.02 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion:122	Resp:	41805
Ion Ratio	Lower	Upper
122	100	
105	136.4	114.8 154.8
77	108.7	78.7 118.7





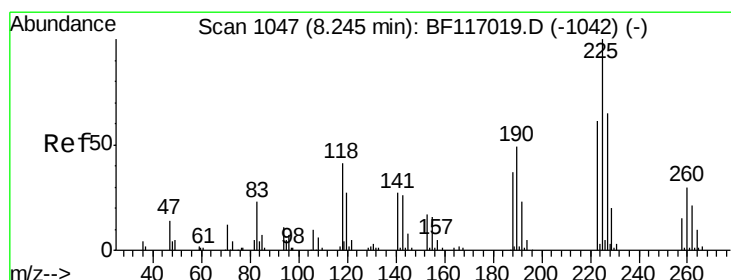
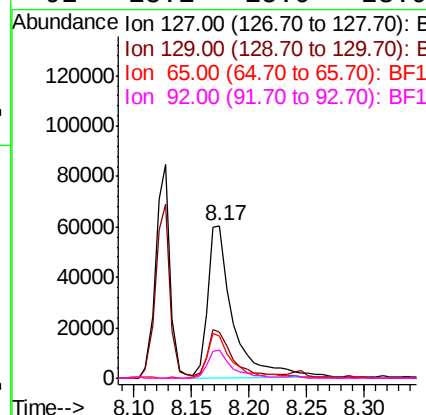
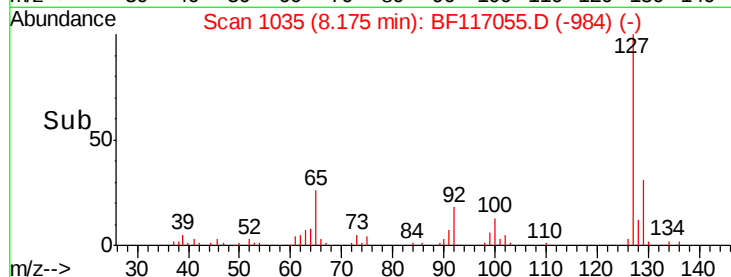
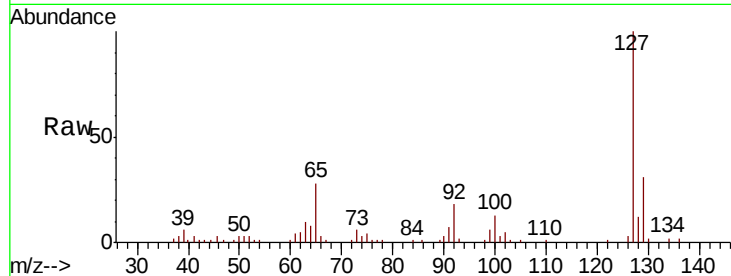
#33
4-Chloroaniline
Concen: 16.227 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		91973		
129	30.5	26.2	39.2		
65	27.9	23.5	35.3		
92	18.1	15.9	23.9		

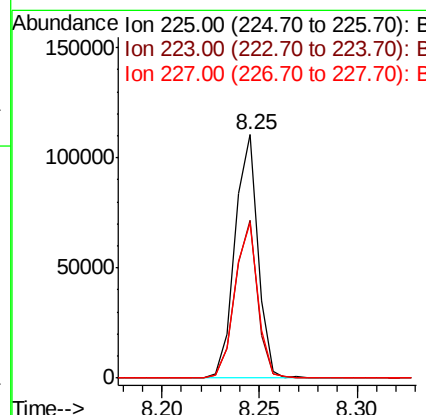
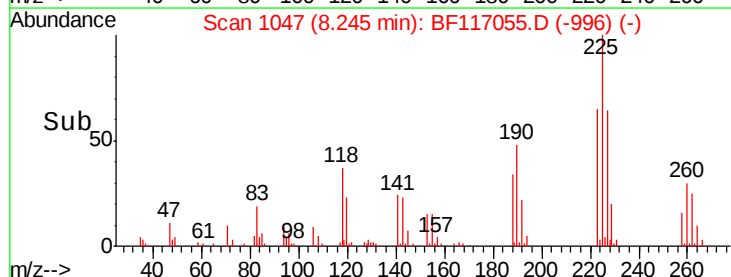
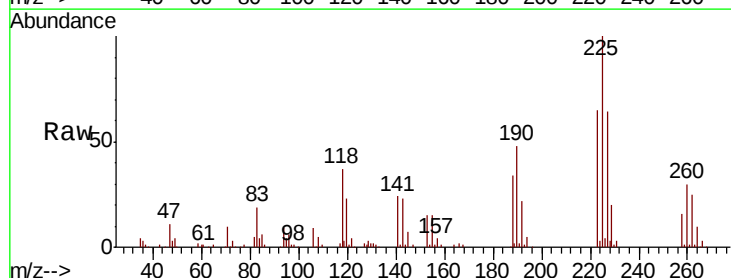
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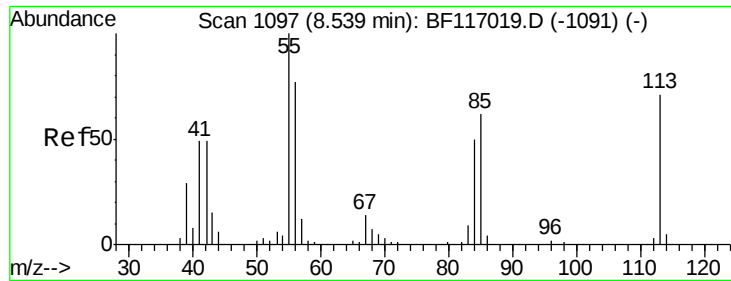
mohammad
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#34
Hexachlorobutadiene
Concen: 41.374 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		90390		
223	64.7	49.1	73.7		
227	63.9	52.2	78.2		





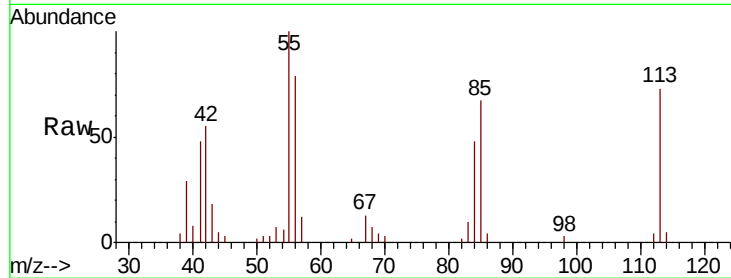
#35
 Caprolactam
 Concen: 33.769 ng/ml
 RT: 8.53 min Scan# 1096
 Delta R.T. -0.01 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Instrument :
 BNA_F
 ClientSampleID :
 OK-01-091119MS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	137.3	120.6	160.6	
56	108.0	88.8	128.8	

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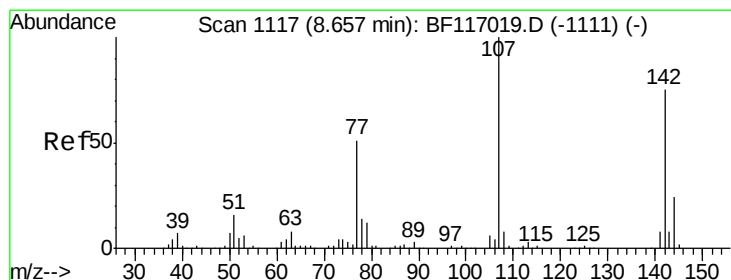
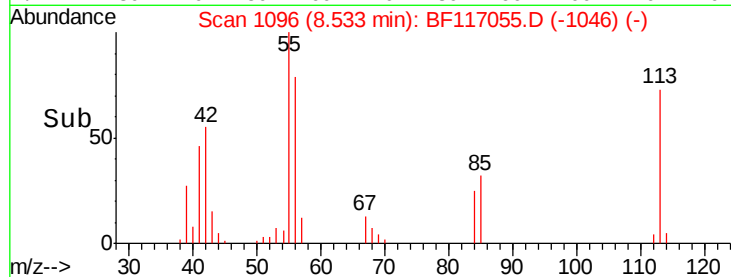
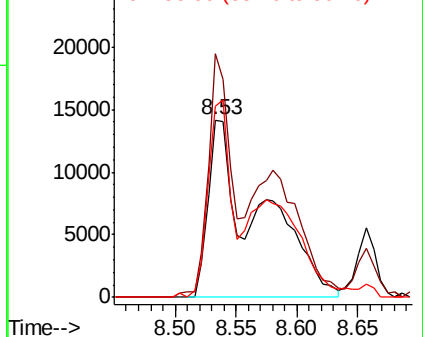


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 46.273 ng/ml
 RT: 8.66 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

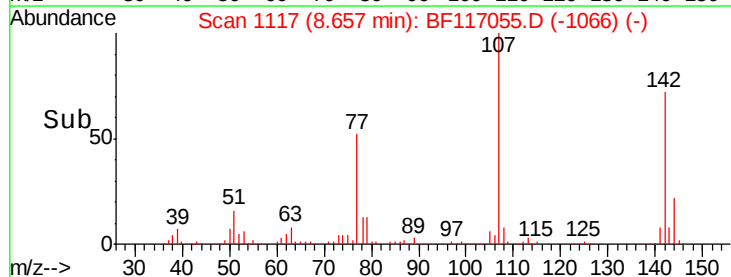
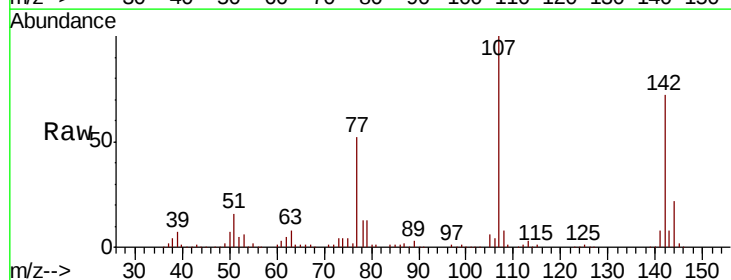
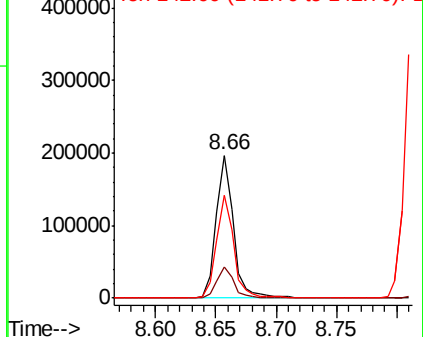
Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	22.3	19.2	28.8	
142	72.2	59.6	89.4	

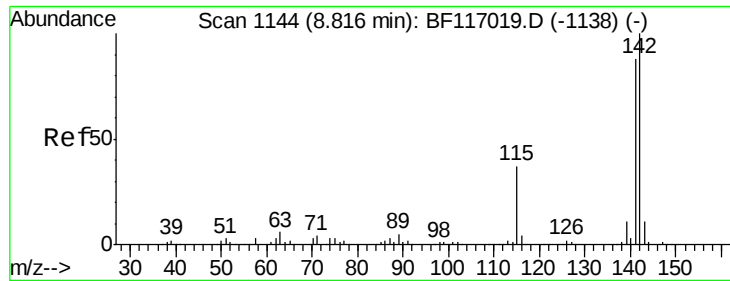
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





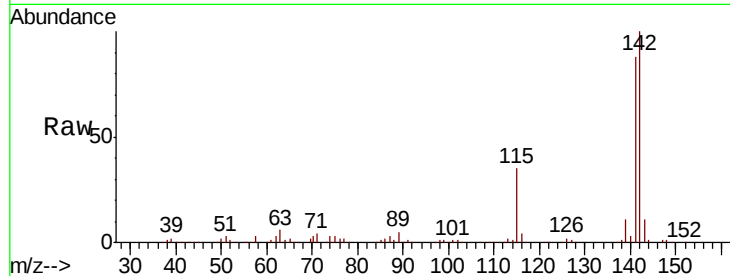
#37
2-Methylnaphthalene
Concen: 45.366 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.7	106.1
115	35.3	29.4	44.0

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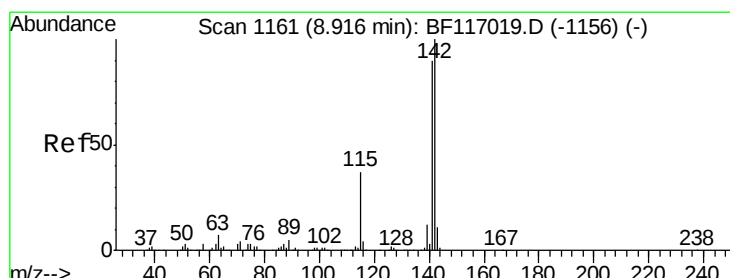
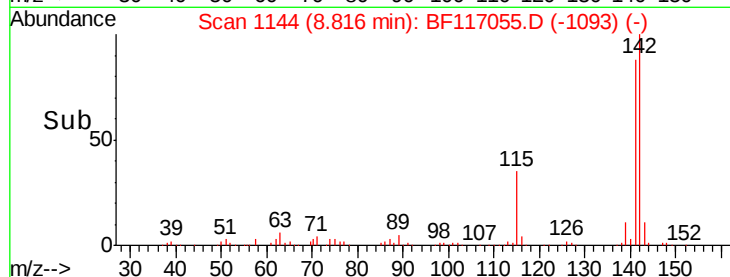
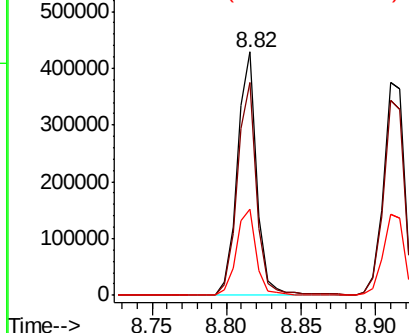


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.477 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

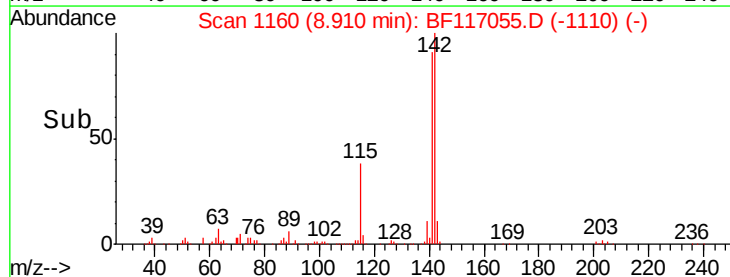
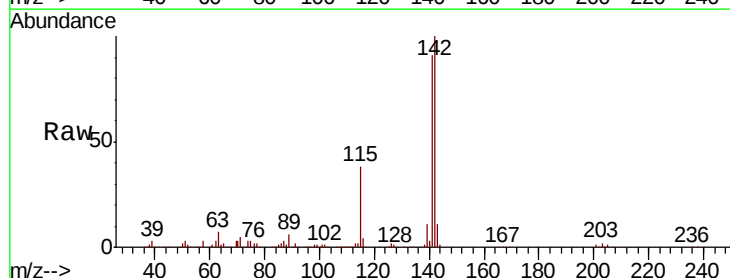
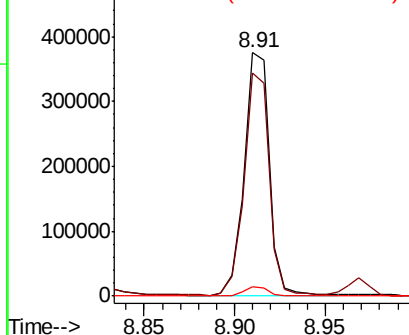
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.9	107.9
116	4.1	3.2	4.8

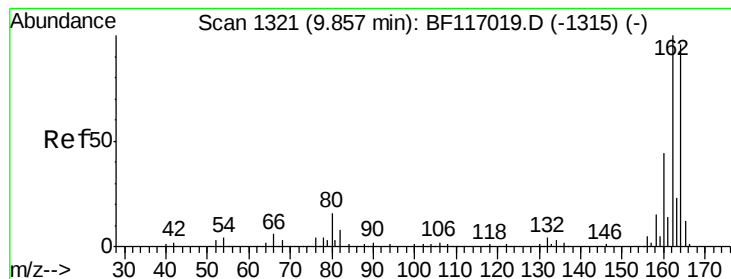
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

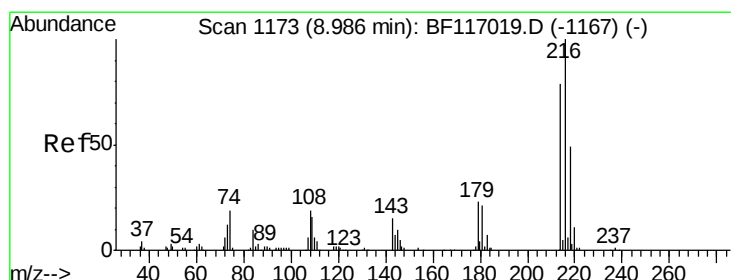
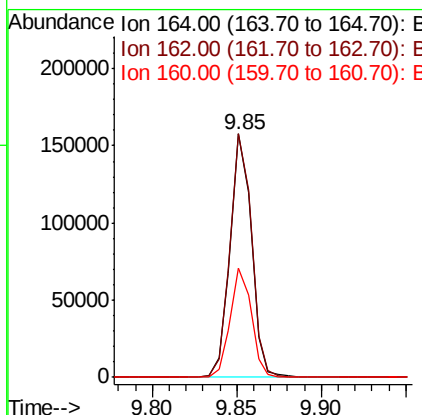
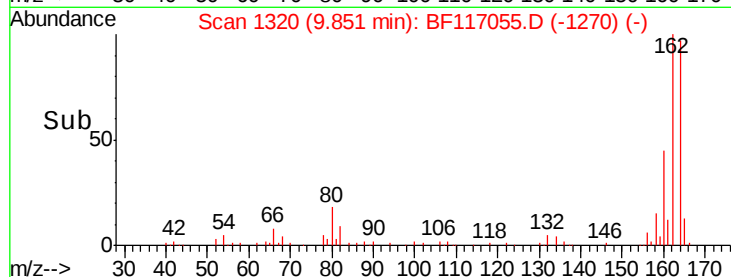
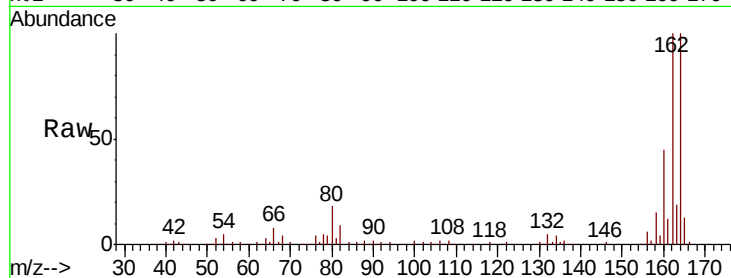
ClientSampleId :

OK-01-091119MS

Tot Ion:	164	Resp:	138253
Ion Ratio	Lower	Upper	
164	100		
162	100.1	83.4	125.2
160	45.0	36.4	54.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.842 ng

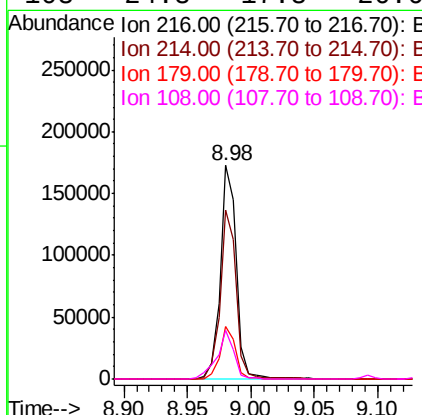
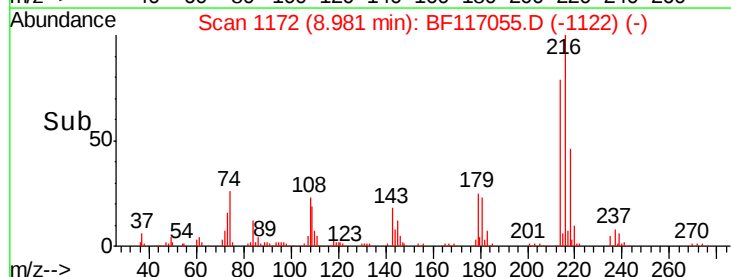
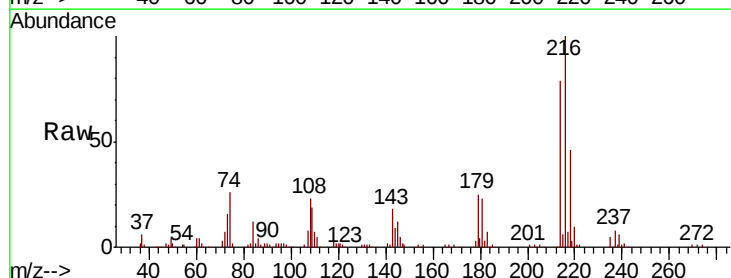
RT: 8.98 min Scan# 1172

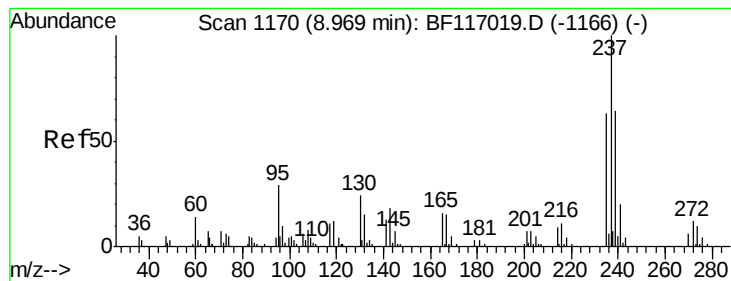
Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion:	216	Resp:	152948
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.6	95.4
179	23.6	18.3	27.5
108	24.8	17.8	26.6





#41

Hexachlorocyclopentadiene

Concen: 89.792 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

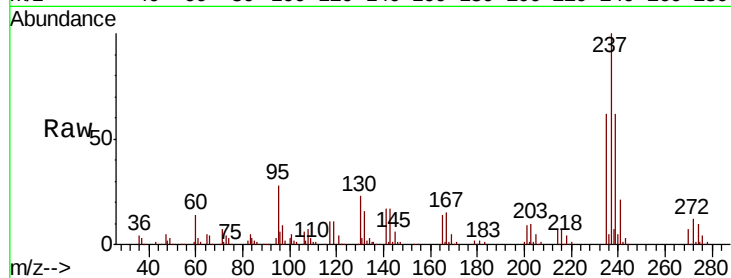
ClientSampleId :

OK-01-091119MS

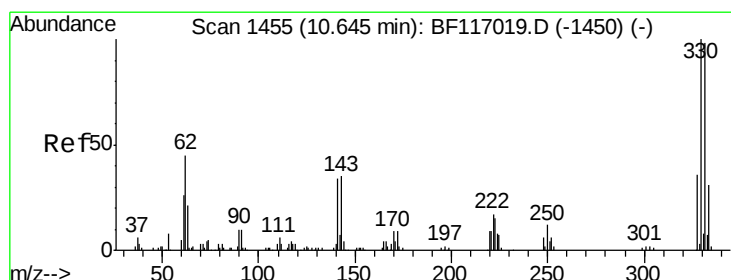
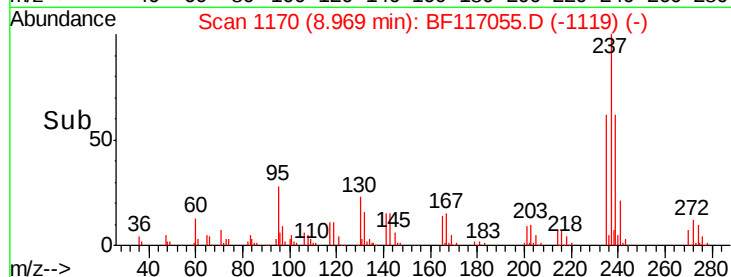
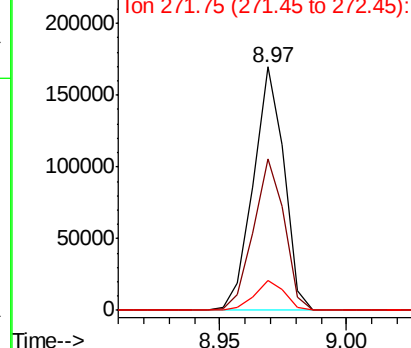
Tot Ion:	237	Resp:	143378
Ion Ratio	Lower	Upper	
237	100		
235	62.0	43.2	83.2
272	12.3	0.0	31.9

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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: 133.475 ng

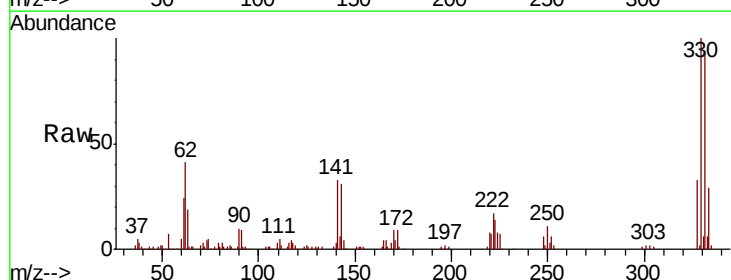
RT: 10.65 min Scan# 1455

Delta R.T. 0.00 min

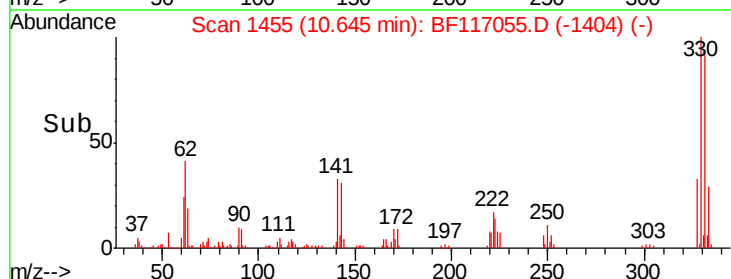
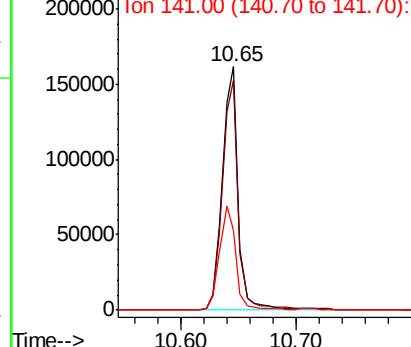
Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion:	330	Resp:	154227
Ion Ratio	Lower	Upper	
330	100		
332	94.6	78.0	117.0
141	43.6	35.8	53.6



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





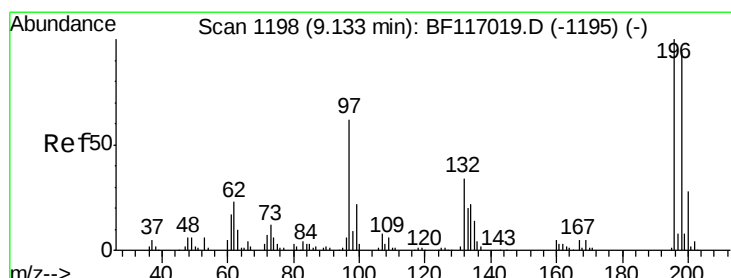
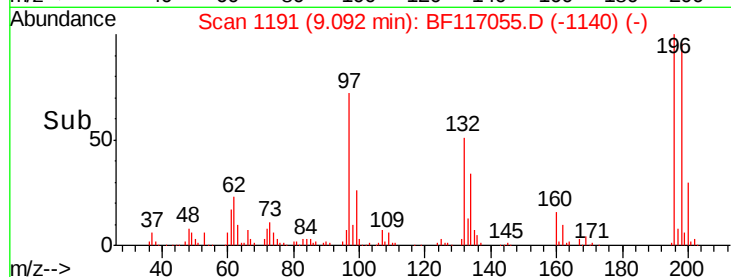
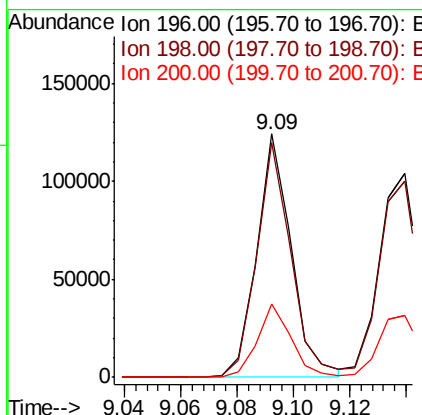
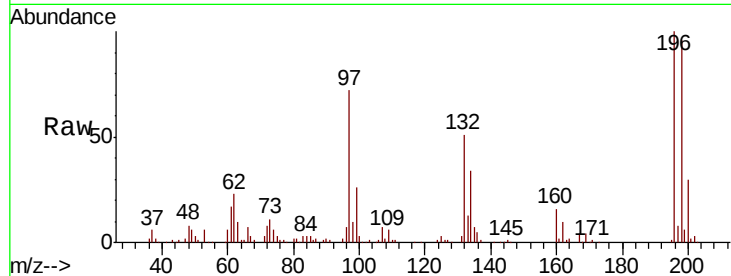
#43
2,4,6-Trichlorophenol
Concen: 43.427 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	105212		
198	96.4	75.7	113.5	
200	30.4	23.3	34.9	

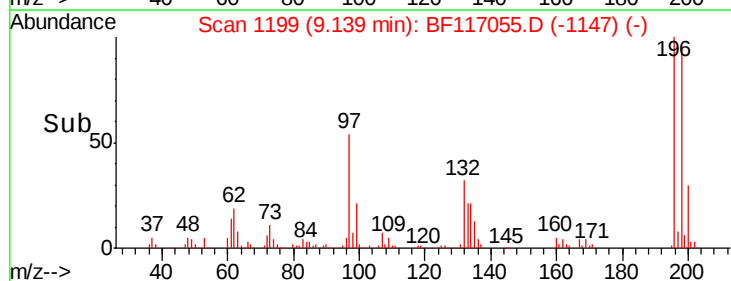
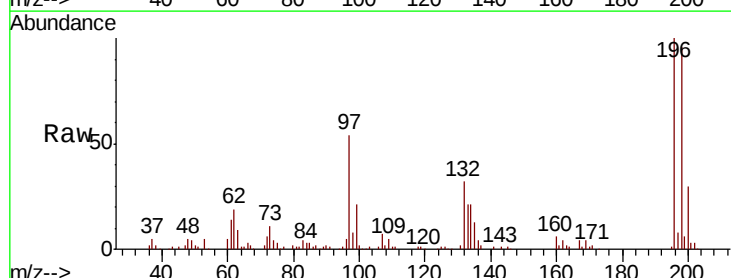
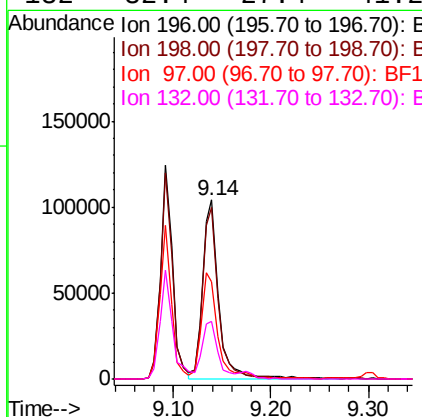
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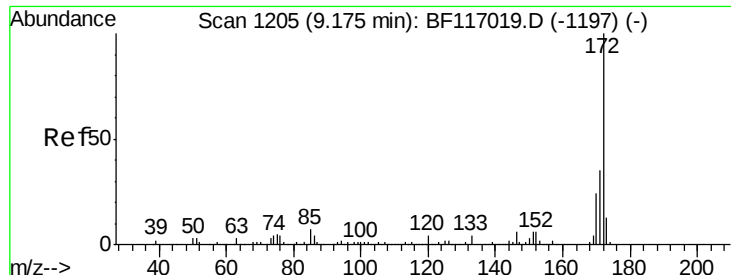
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#44
2,4,5-Trichlorophenol
Concen: 45.417 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	117562		
198	96.1	74.6	112.0	
97	54.1	49.5	74.3	
132	32.4	27.4	41.2	





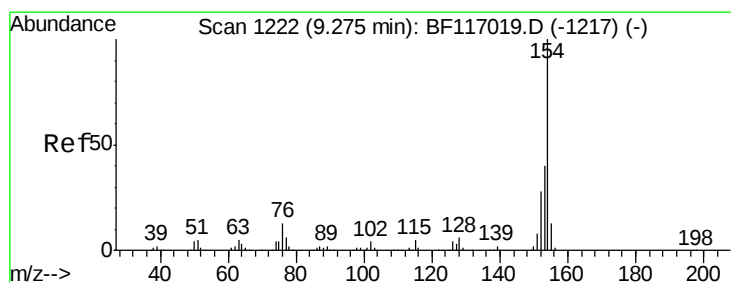
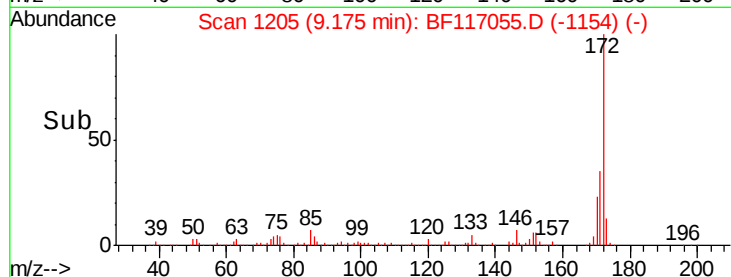
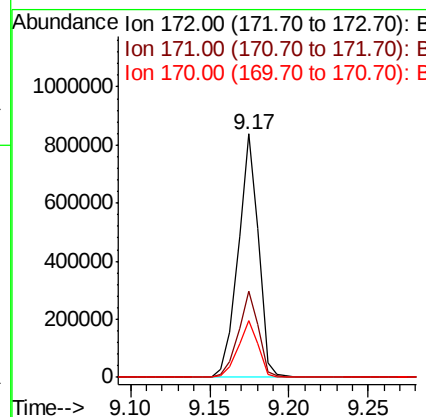
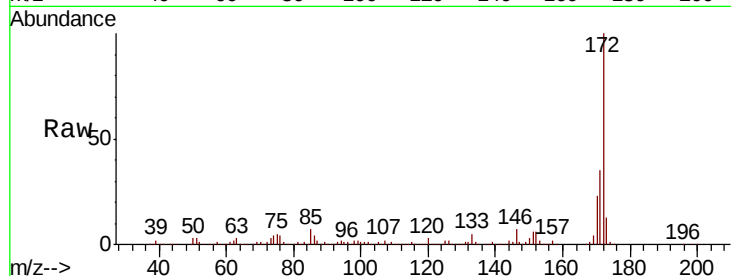
#45
2-Fluorobiphenyl
Concen: 83.983 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	742588		
171	35.2		28.2	42.2
170	23.4		18.9	28.3

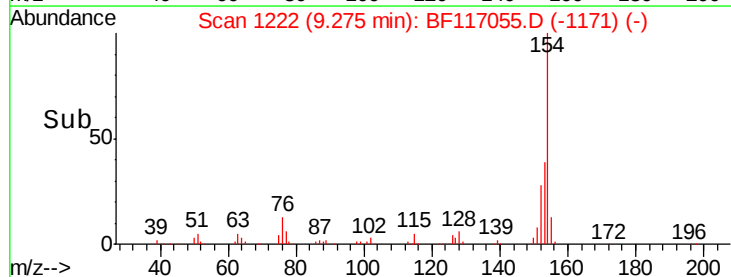
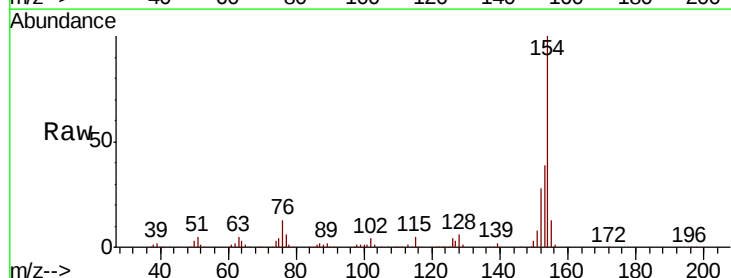
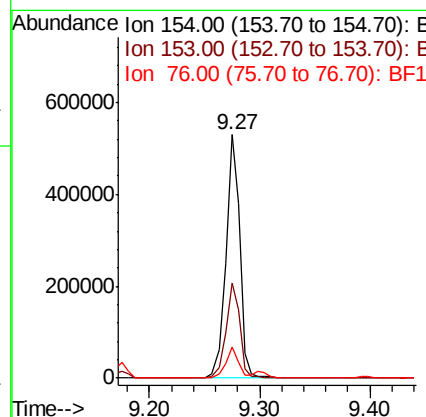
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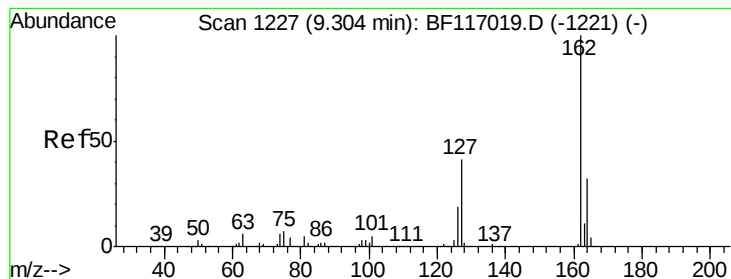
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#46
1,1'-Biphenyl
Concen: 42.833 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	464503		
153	39.3		20.0	60.0
76	12.6		0.0	32.7





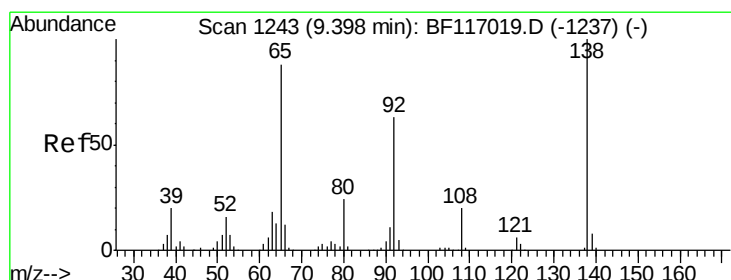
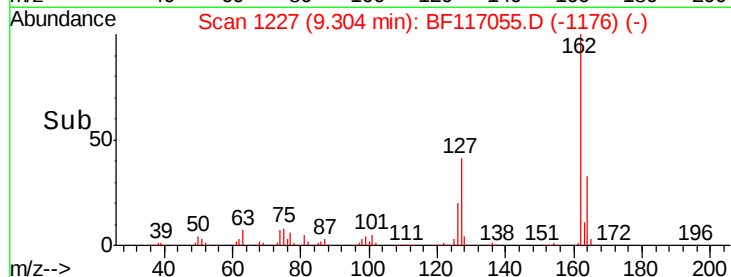
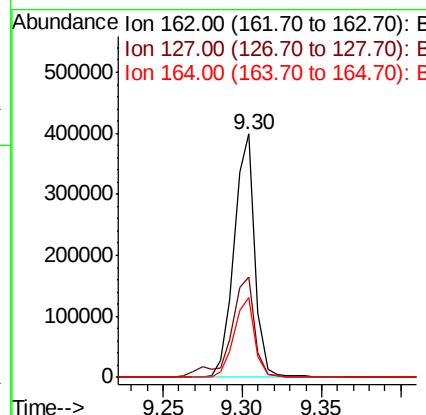
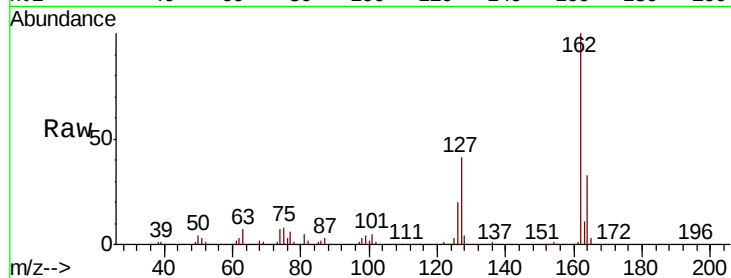
#47
2-Chloronaphthalene
Concen: 42.465 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	34.1	51.1
164	32.8	25.9	38.9

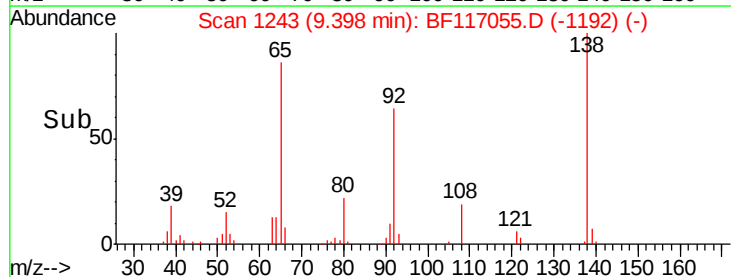
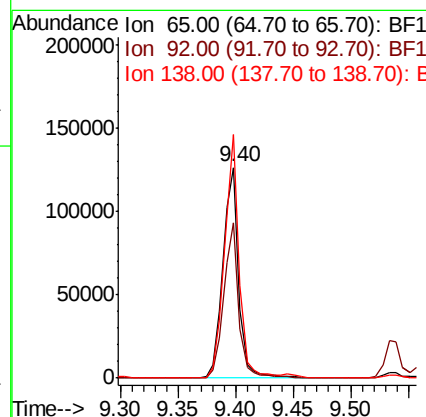
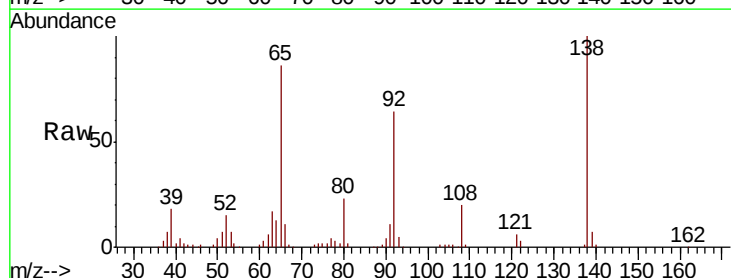
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#48
2-Nitroaniline
Concen: 43.854 ng
RT: 9.40 min Scan# 1243
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	57.5	86.3
138	115.6	90.6	136.0





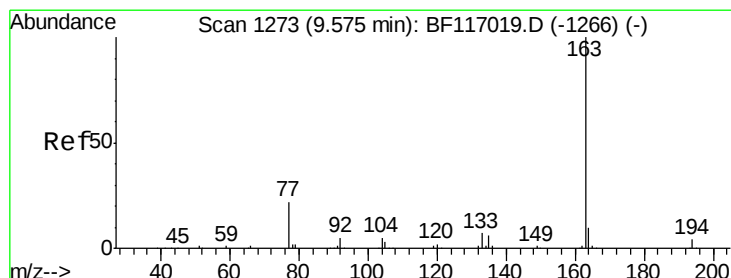
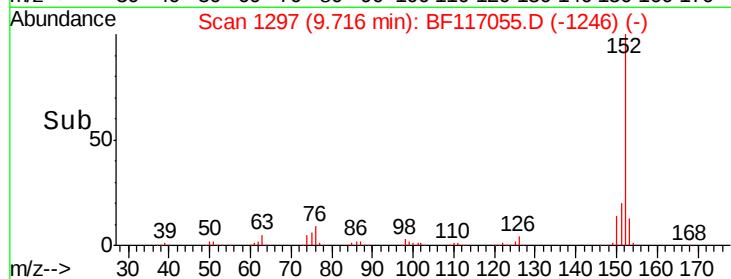
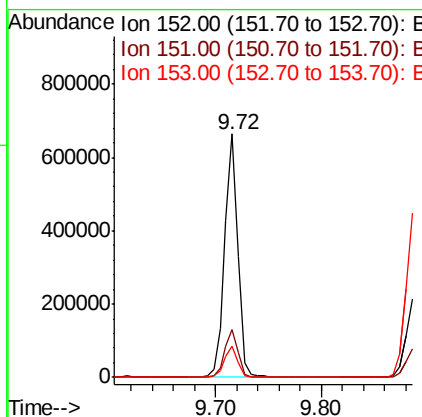
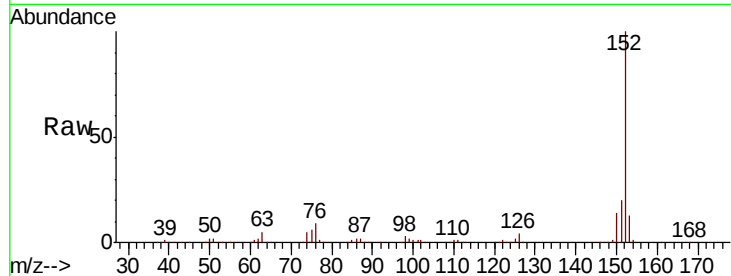
#49
Acenaphthylene
Concen: 45.310 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.2
153	12.7	10.2	15.4

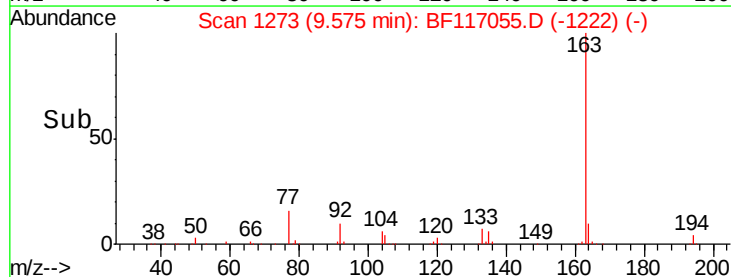
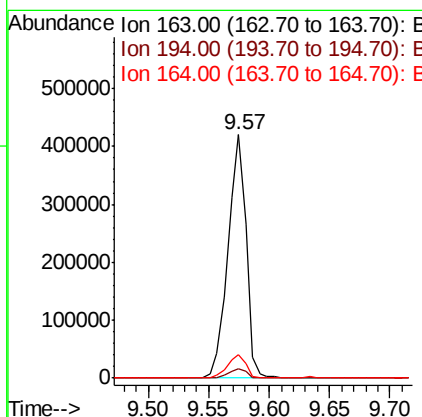
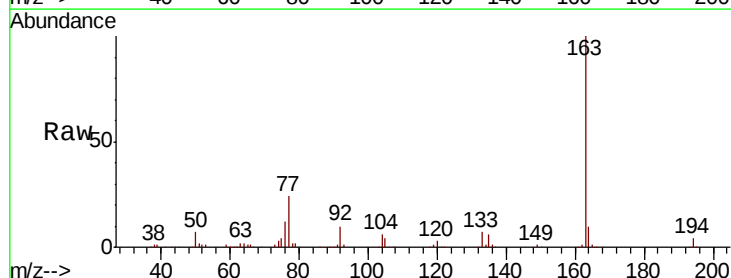
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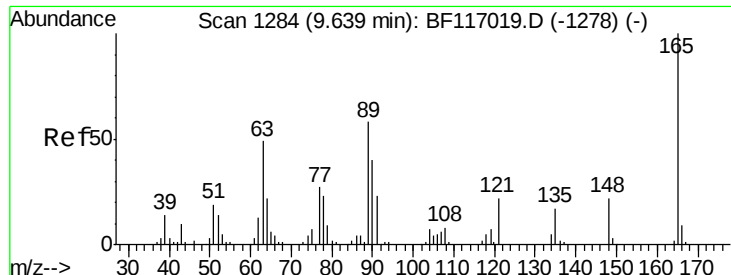
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#50
Dimethylphthalate
Concen: 44.822 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.9	4.3
164	9.8	8.2	12.4





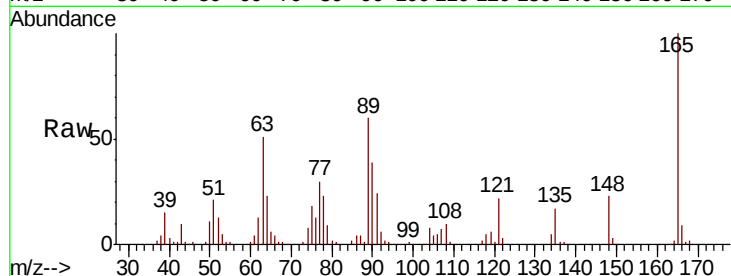
#51
 2,6-Dinitrotoluene
 Concen: 46.865 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Instrument :
 BNA_F
 ClientSampleID :
 OK-01-091119MS

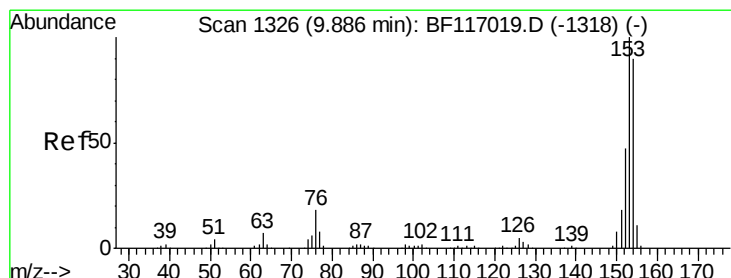
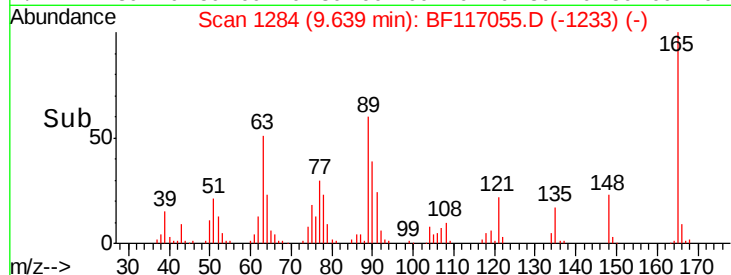
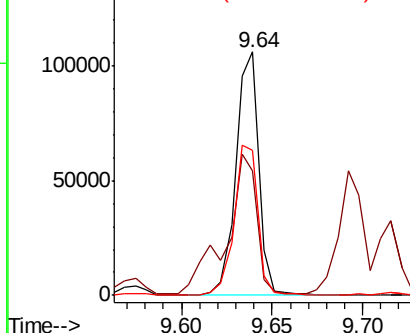
Tot Ion	Ratio	Resp	Lower	Upper
165	100	93435		
63	51.2	41.8	62.8	
89	59.6	46.5	69.7	

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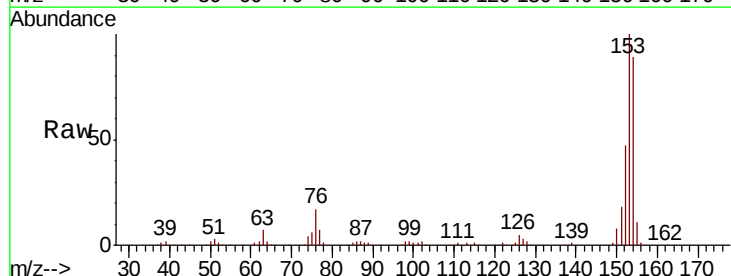


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

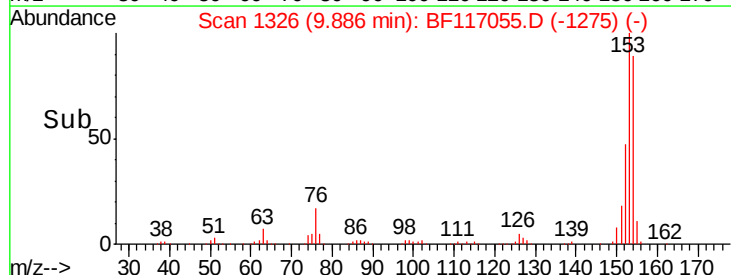
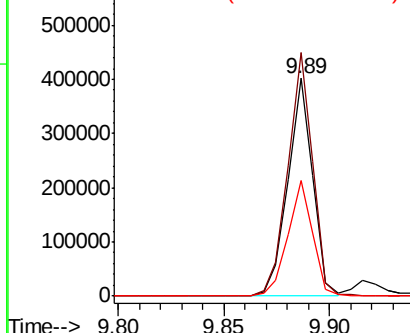


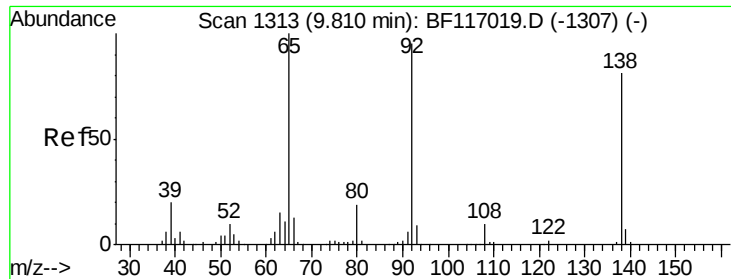
#52
 Acenaphthene
 Concen: 43.444 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	330187		
153	111.9	89.0	133.6	
152	52.9	41.9	62.9	



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





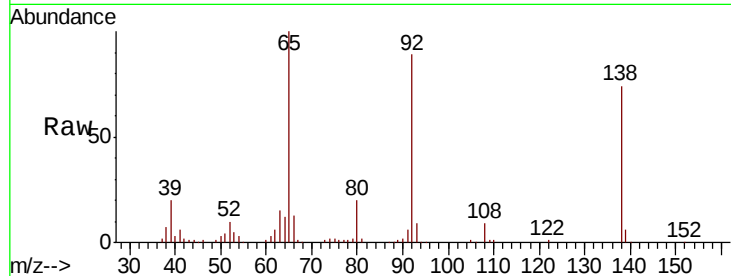
#53
3-Nitroaniline
Concen: 29.278 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.5	14.3
92	119.9	94.1	141.1

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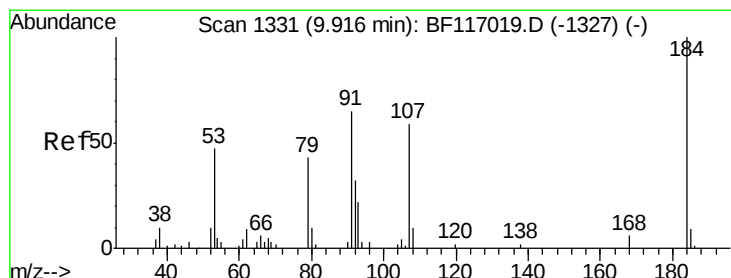
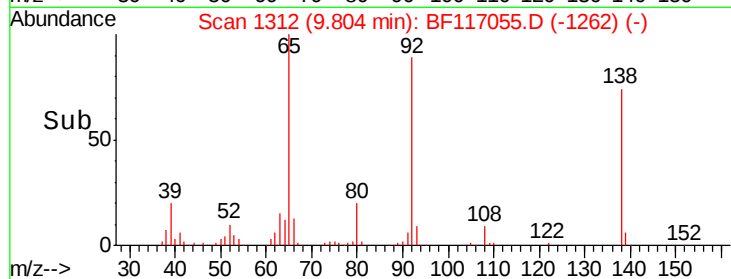
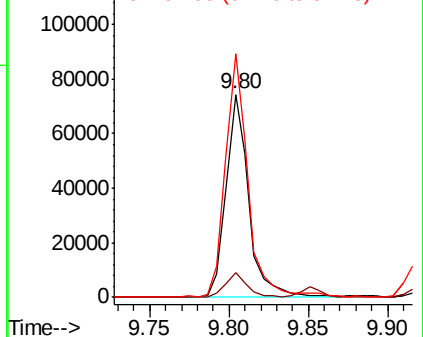


Abundance

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: 52.596 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

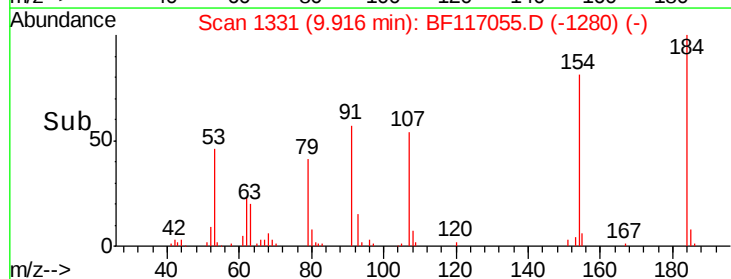
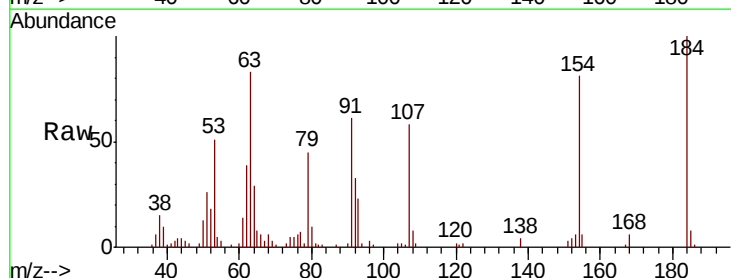
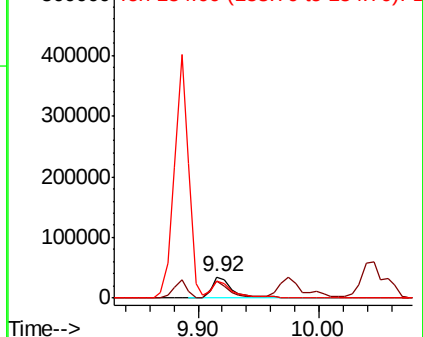
Tgt Ion	Ratio	Lower	Upper
184	100		
63	82.6	63.8	95.6
154	80.7	60.4	90.6

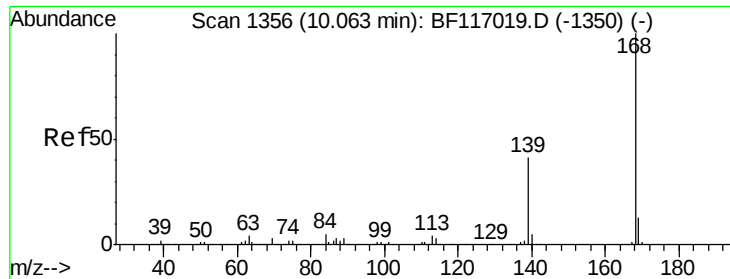
Abundance

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





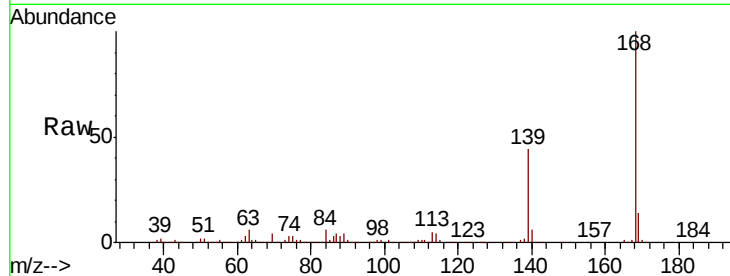
#55
Dibenzenofuran
Concen: 44.963 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.9	32.8	49.2
169	13.7	10.5	15.7

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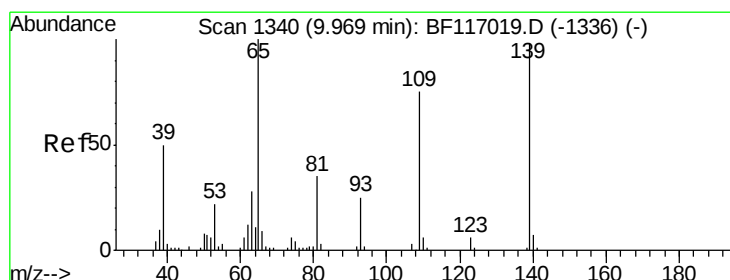
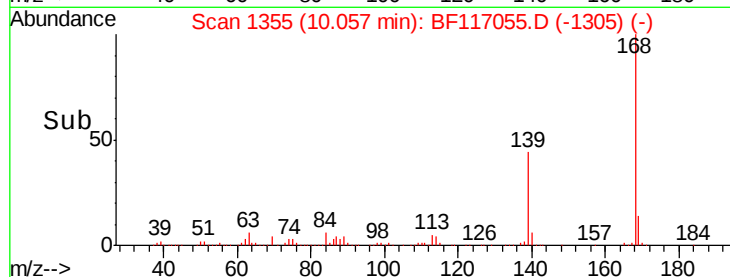
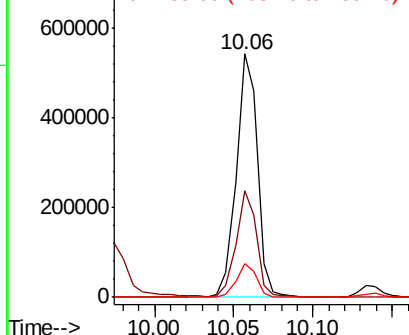


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 83.075 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

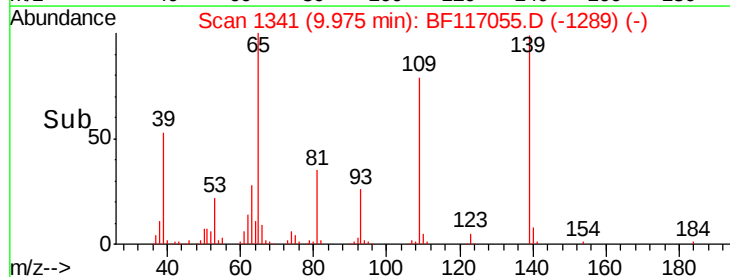
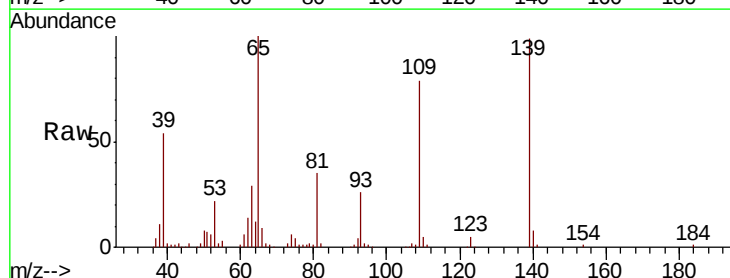
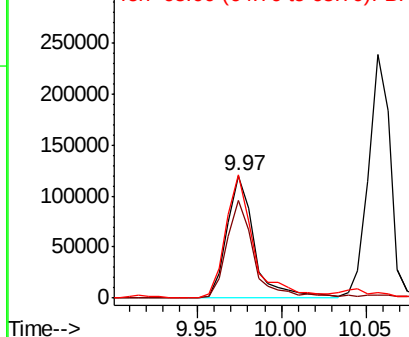
Tgt Ion	Ratio	Lower	Upper
139	100		
109	79.9	56.4	96.4
65	101.0	82.5	122.5

Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#57

2,4-Dinitrotoluene

Concen: 48.921 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

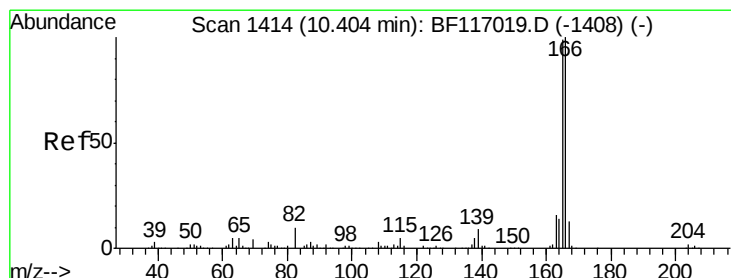
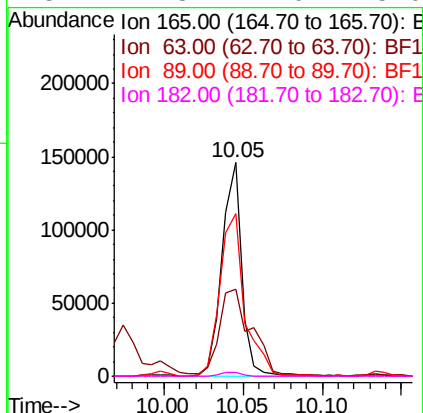
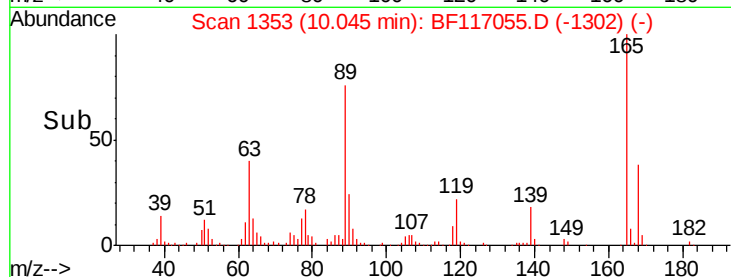
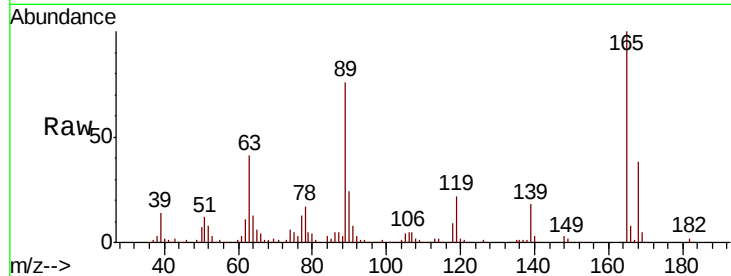
ClientSampleId :

OK-01-091119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		126606		
63	40.8		35.0	52.4	
89	76.1		66.1	99.1	
182	1.8		2.0	3.0	

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#58

Fluorene

Concen: 44.963 ng

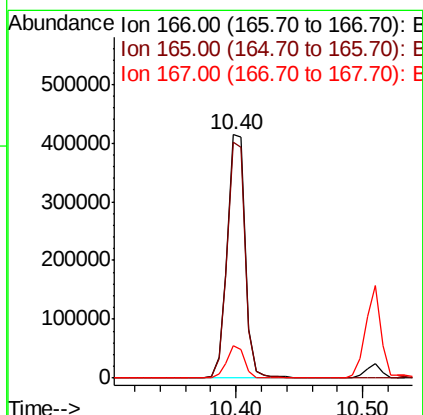
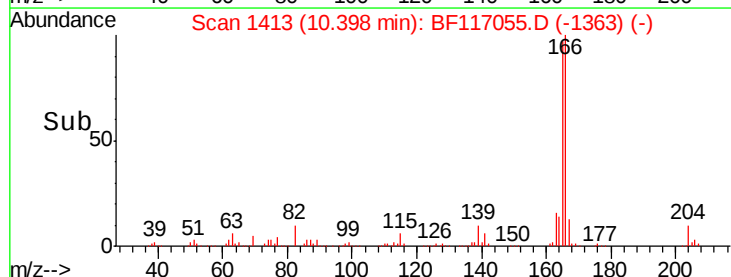
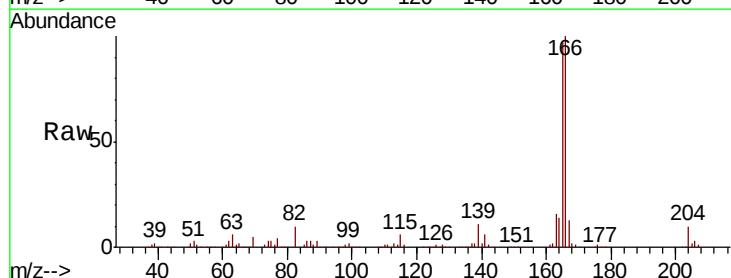
RT: 10.40 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		406153		
165	96.8		78.9	118.3	
167	13.5		10.6	15.8	





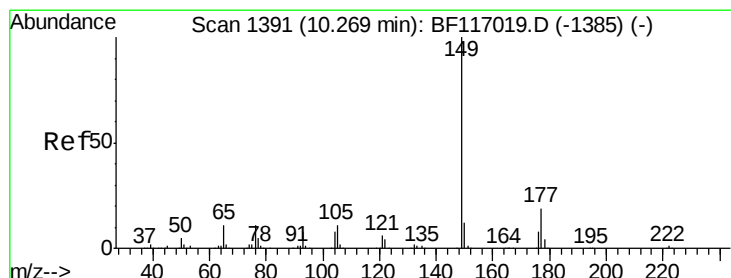
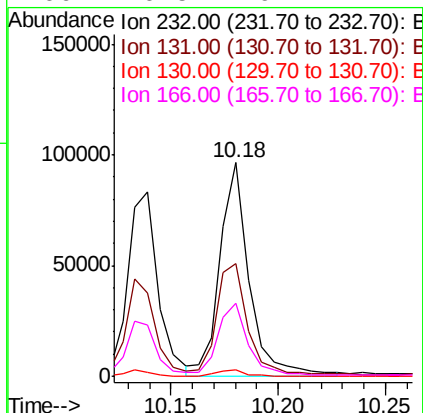
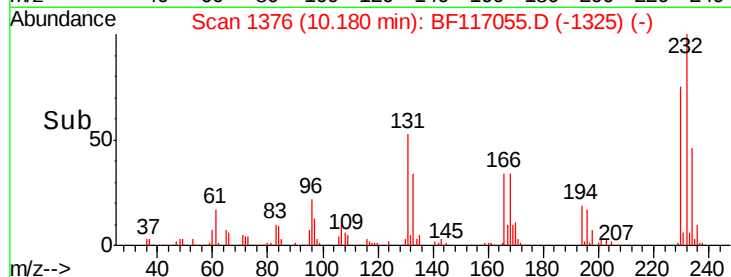
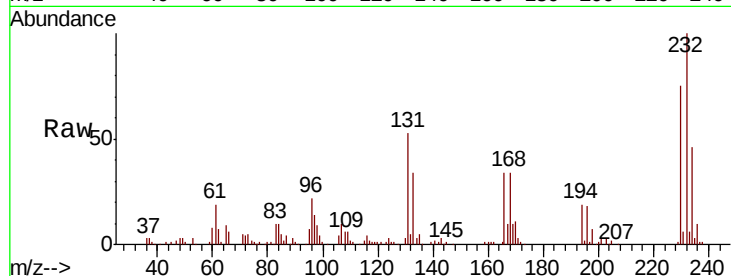
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.058 ng m
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.1	45.3	67.9#
130	2.4	1.8	2.8
166	26.5	29.4	44.2#

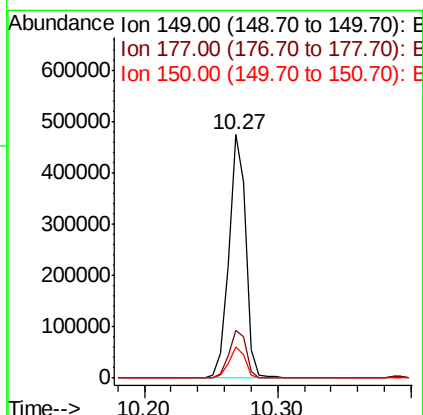
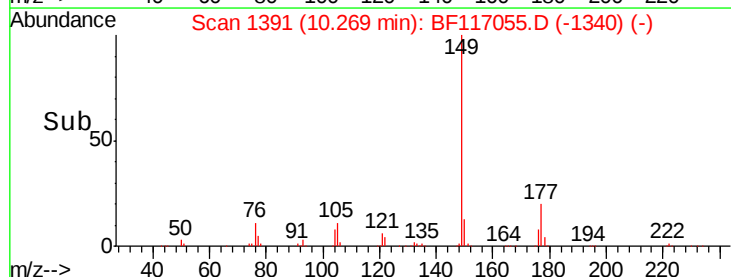
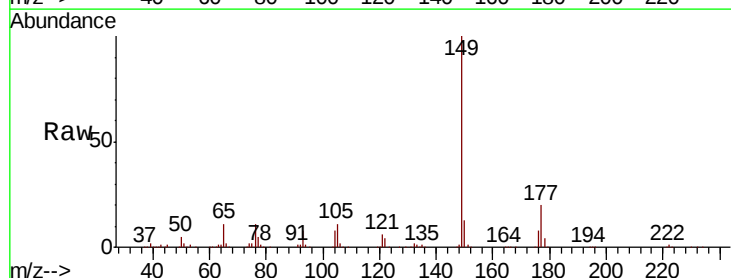
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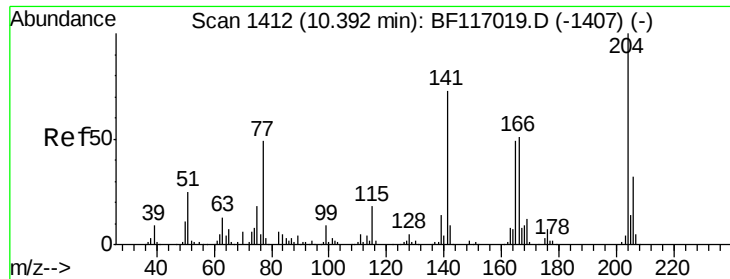
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#60
Diethylphthalate
Concen: 44.076 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.8	15.2	22.8
150	12.7	9.9	14.9





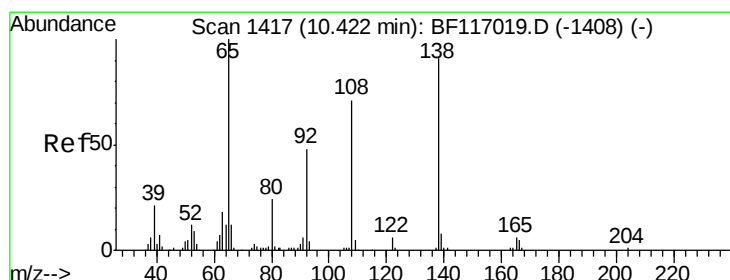
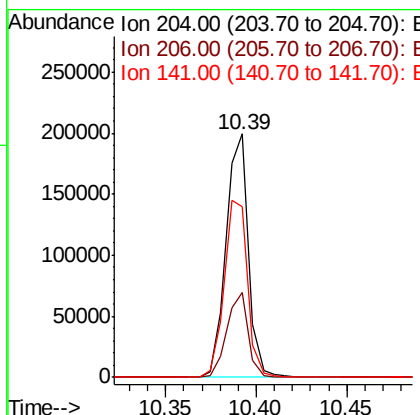
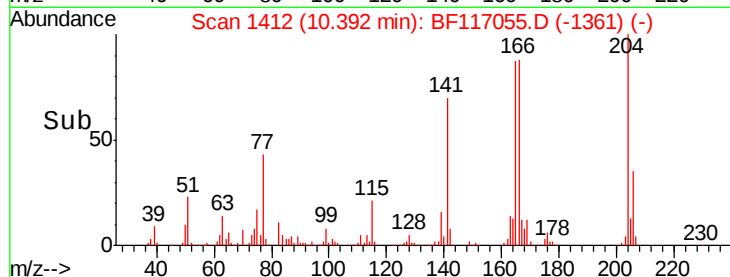
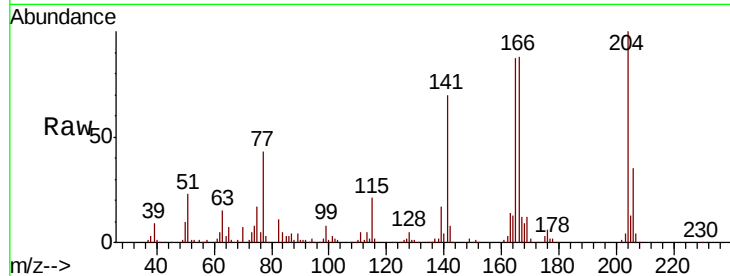
#61
4-Chlorophenyl-phenylether
Concen: 43.937 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.9	26.0	39.0
141	69.9	58.2	87.2

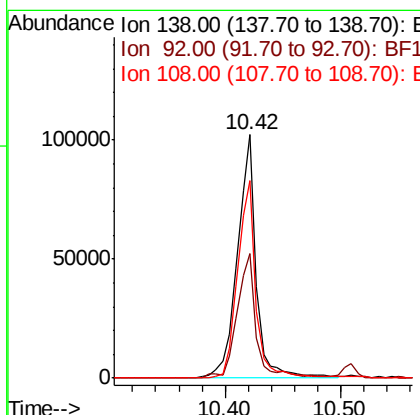
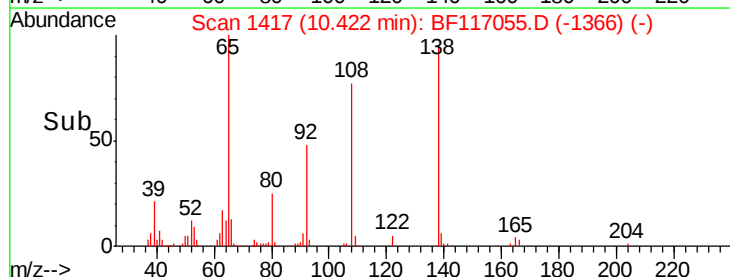
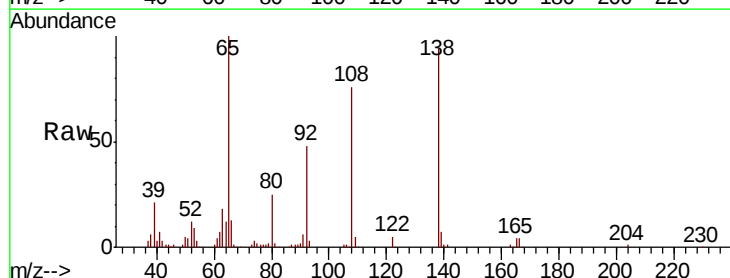
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#62
4-Nitroaniline
Concen: 44.421 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.9	32.9	72.9
108	81.3	58.3	98.3





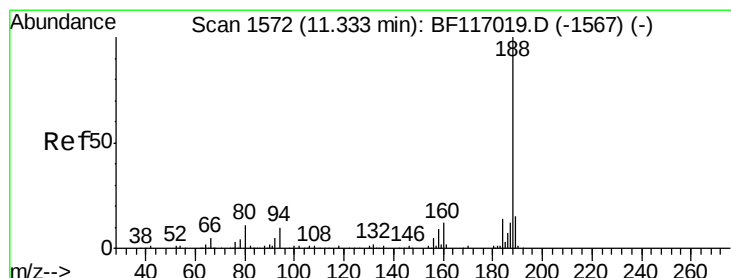
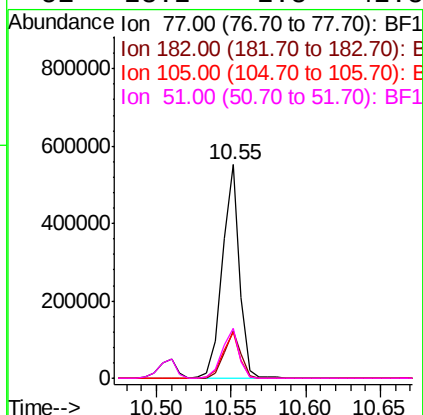
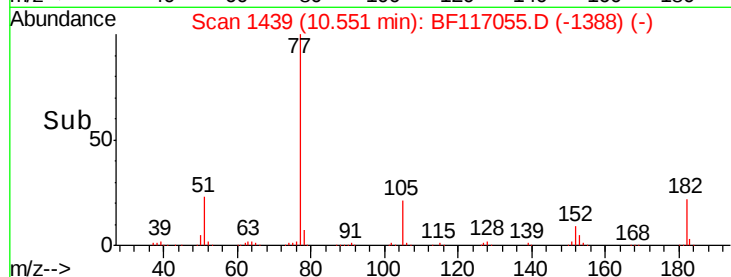
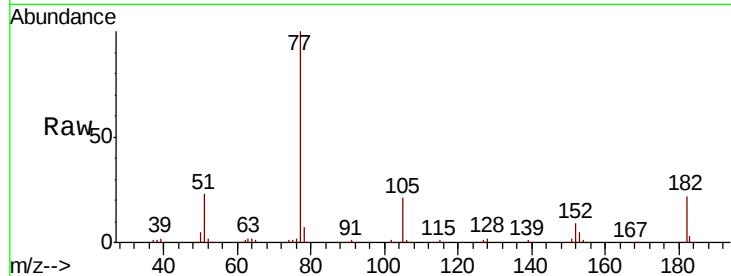
#63
Azobenzene
Concen: 45.264 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.2	0.4	40.4		
105	21.4	0.9	40.9		
51	23.2	2.8	42.8		

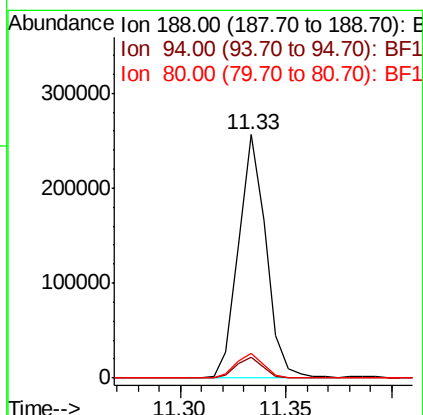
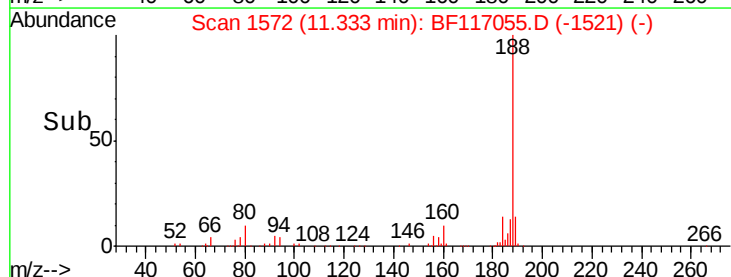
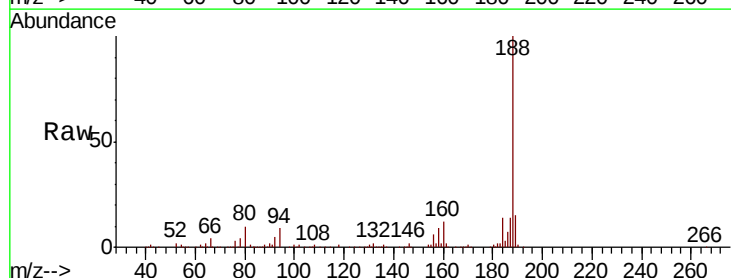
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APPROVED

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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.7	8.2	12.2		
80	10.4	9.0	13.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 38.532 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

ClientSampleId :

OK-01-091119MS

Tot Ion:198 Resp: 38862

Ion Ratio Lower Upper

198 100

51 37.3 18.7 58.7

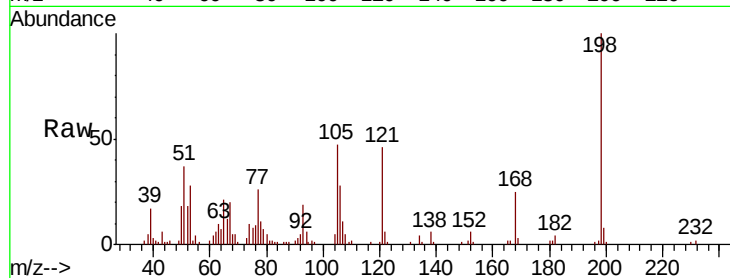
105 46.8 30.2 70.2

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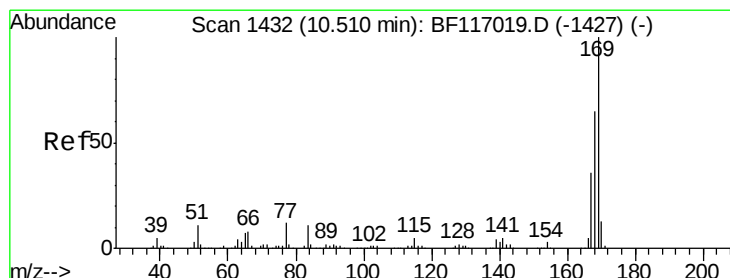
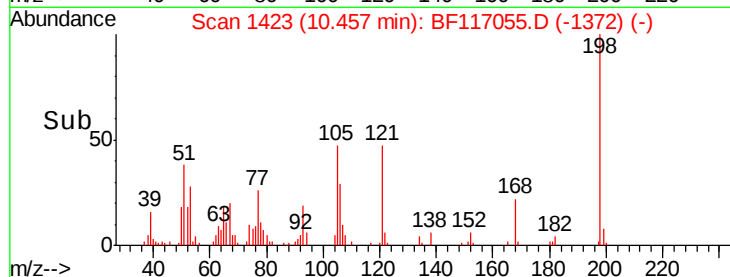
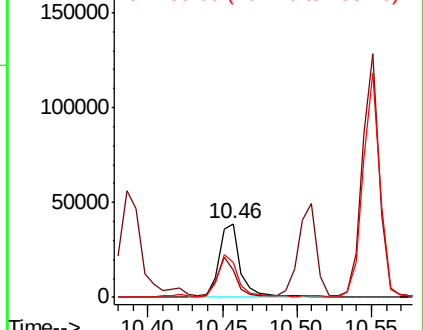
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.342 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

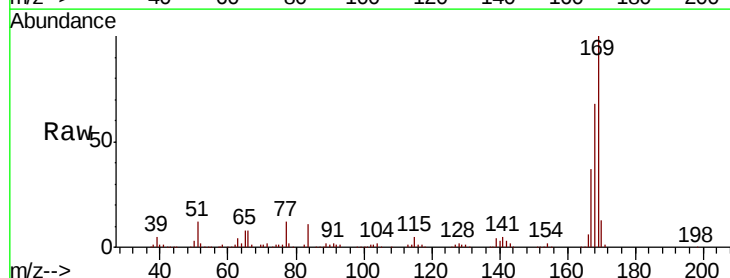
Tgt Ion:169 Resp: 353562

Ion Ratio Lower Upper

169 100

168 68.3 52.2 78.2

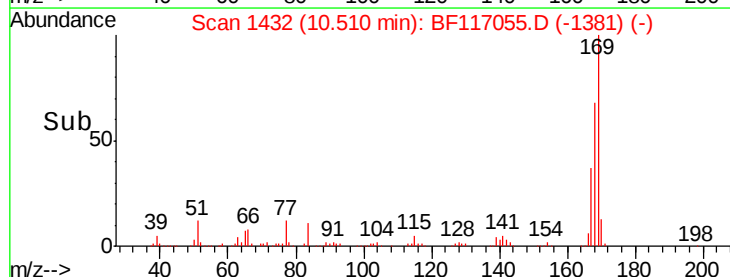
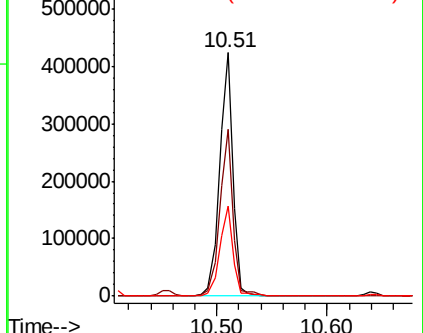
167 37.0 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 42.812 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

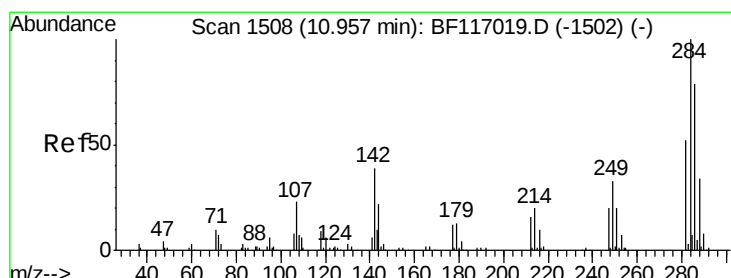
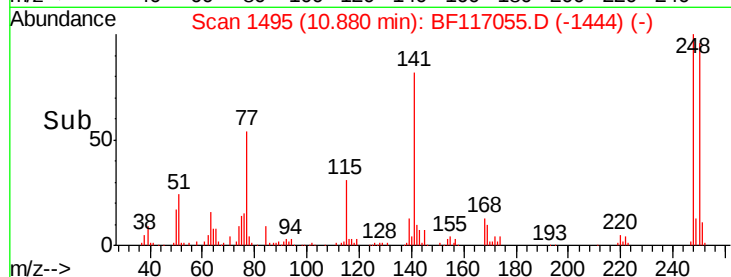
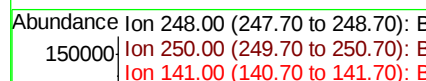
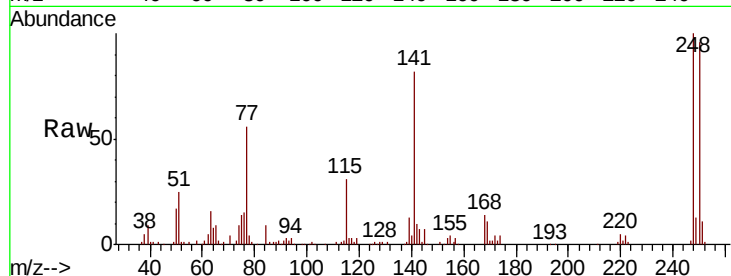
ClientSampleId :

OK-01-091119MS

Tot Ion:	248	Resp:	100941
Ion Ratio	Lower	Upper	
248	100		
250	95.9	76.2	114.4
141	82.5	75.0	112.4

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#68

Hexachlorobenzene

Concen: 41.047 ng

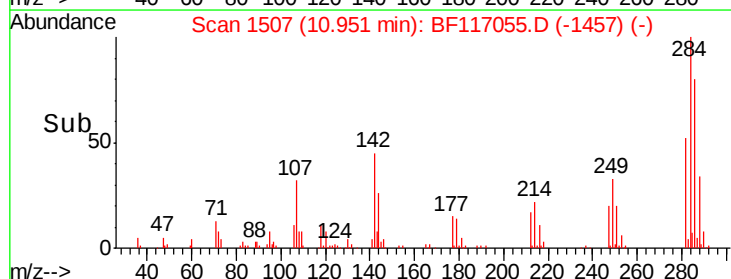
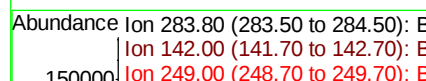
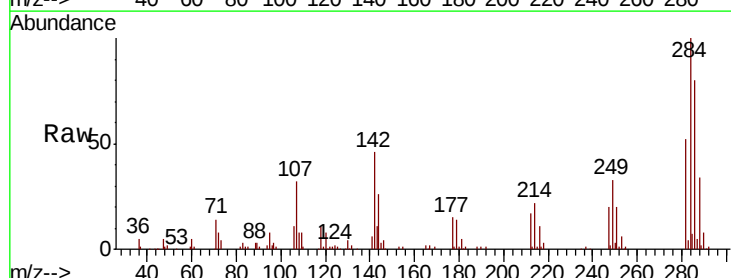
RT: 10.95 min Scan# 1507

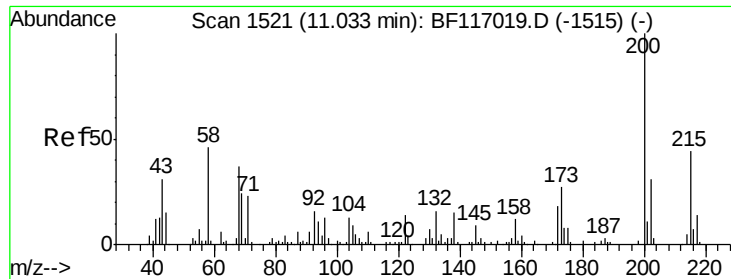
Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion:	284	Resp:	105854
Ion Ratio	Lower	Upper	
284	100		
142	45.7	31.4	47.2
249	33.3	26.5	39.7





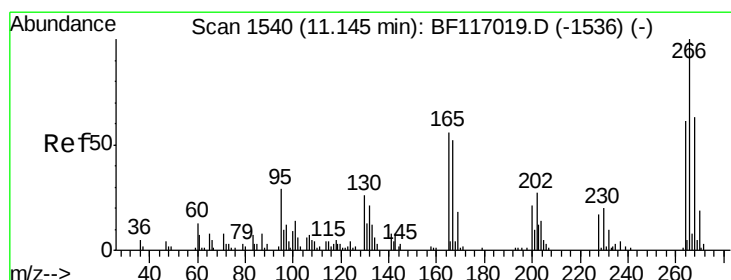
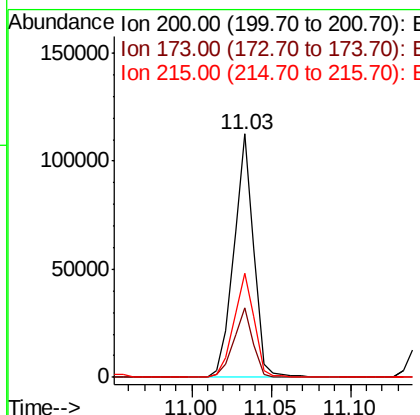
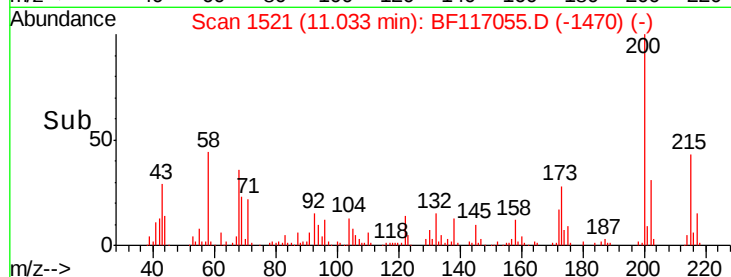
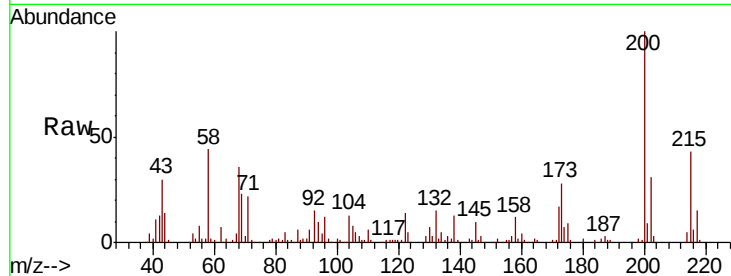
#69
Atrazine
Concen: 50.979 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	6.9	46.9
215	42.8	23.8	63.8

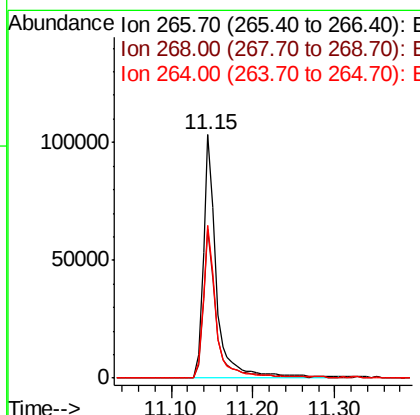
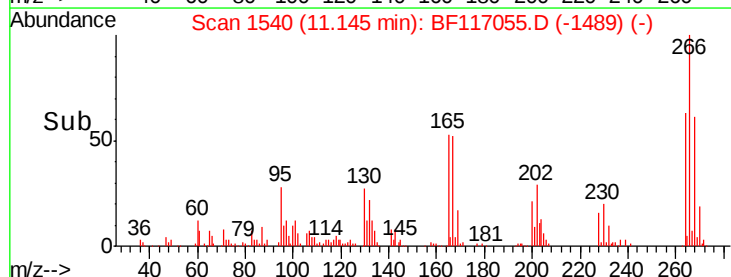
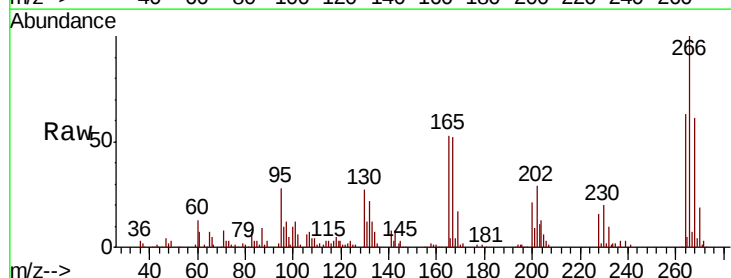
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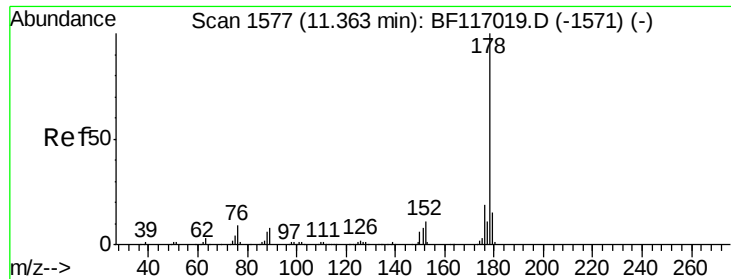
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#70
Pentachlorophenol
Concen: 96.926 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.4	50.5	75.7
264	62.9	48.8	73.2





#71

Phenanthrene

Concen: 44.371 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

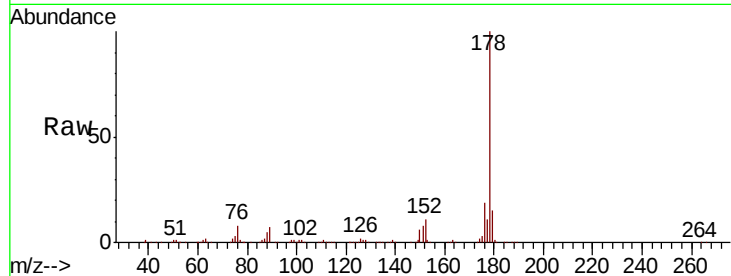
ClientSampleId :

OK-01-091119MS

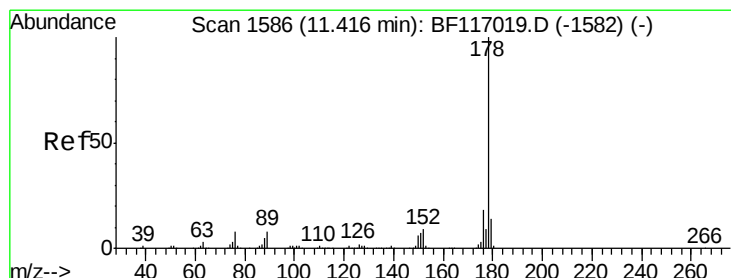
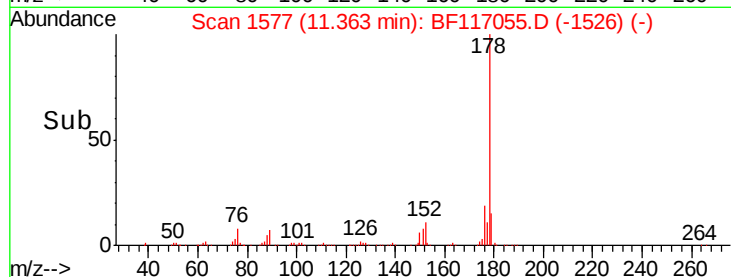
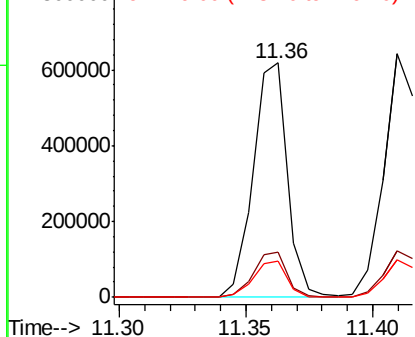
Tot Ion:	178	Resp:	581866
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.4	23.2
179	15.3	12.4	18.6

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



#72

Anthracene

Concen: 45.282 ng

RT: 11.41 min Scan# 1585

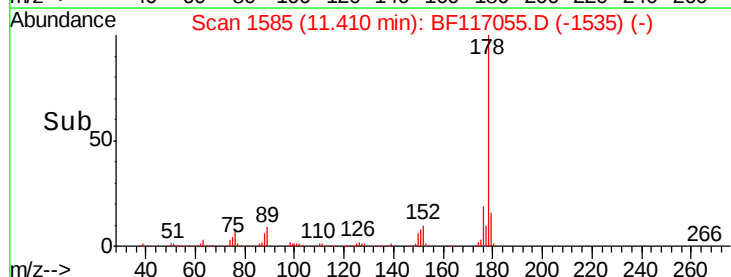
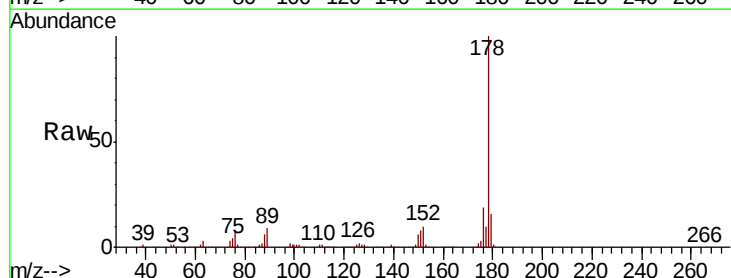
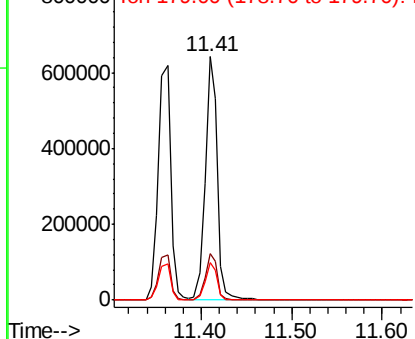
Delta R.T. -0.01 min

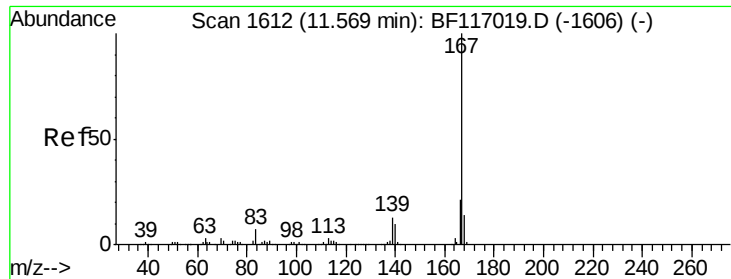
Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion:	178	Resp:	606244
Ion Ratio	Lower	Upper	
178	100		
176	18.9	14.6	21.8
179	15.7	11.6	17.4

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





#73

Carbazole

Concen: 45.471 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

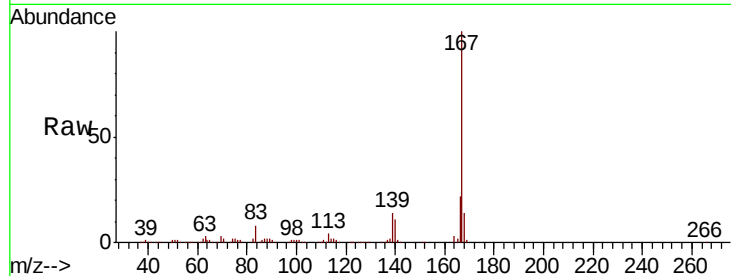
ClientSampleId :

OK-01-091119MS

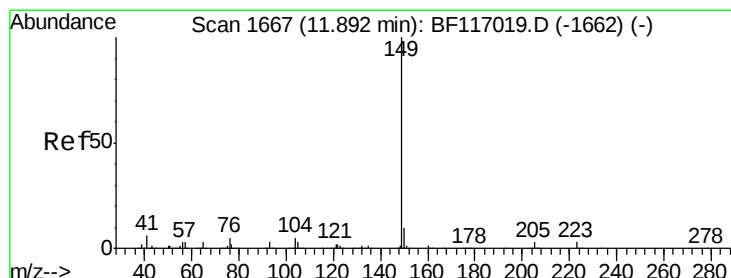
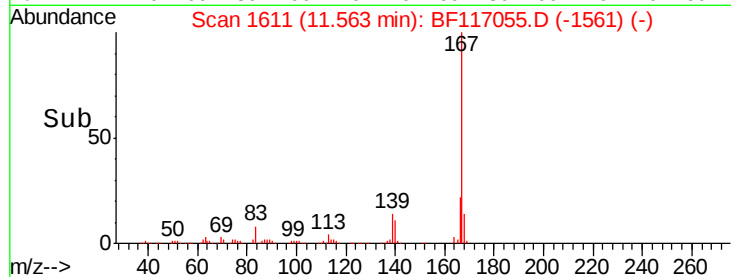
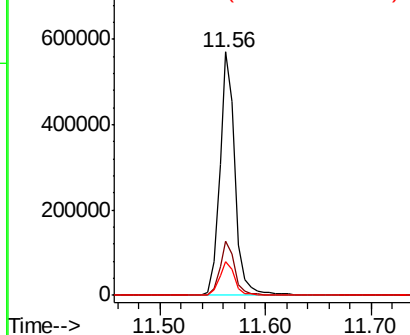
Tot Ion:	167	Resp:	577848
Ion Ratio	Lower	Upper	
167	100		
166	22.3	17.2	25.8
139	14.0	10.6	16.0

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



#74

Di-n-butylphthalate

Concen: 44.351 ng

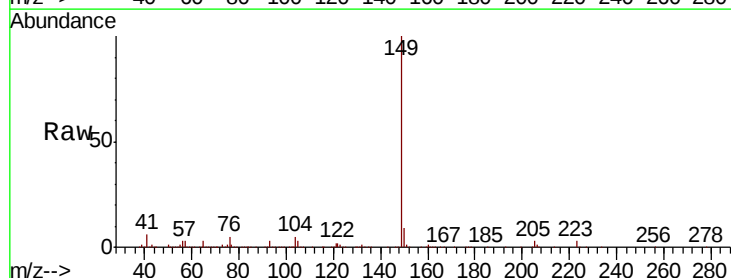
RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

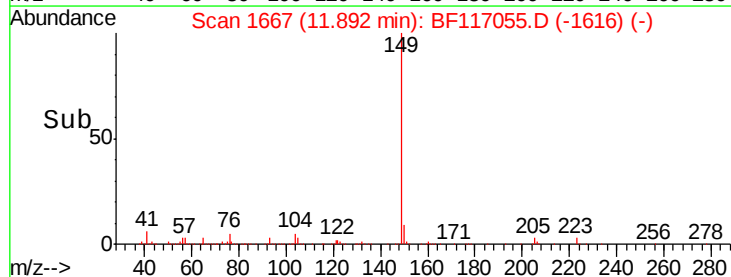
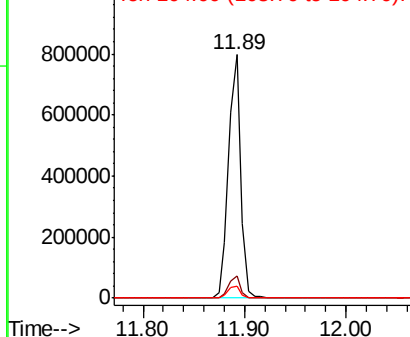
Lab File: BF117055.D

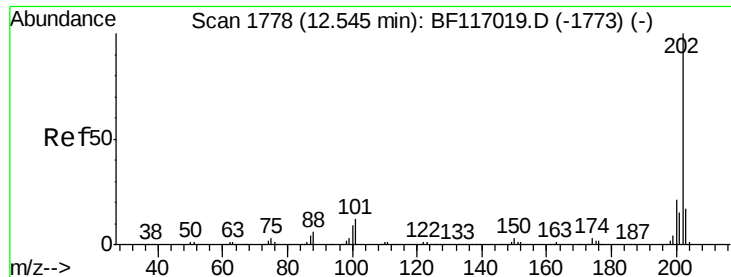
Acq: 16 Sep 2019 11:44

Tgt Ion:	149	Resp:	670578
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.7	11.5
104	5.0	4.2	6.4



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





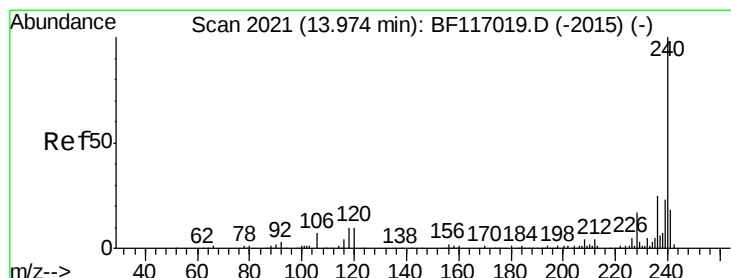
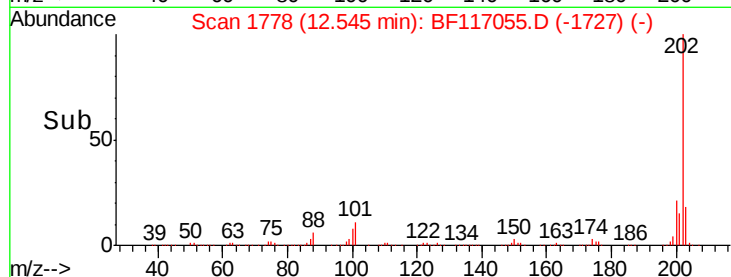
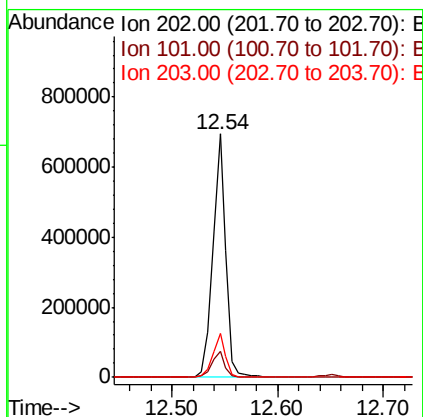
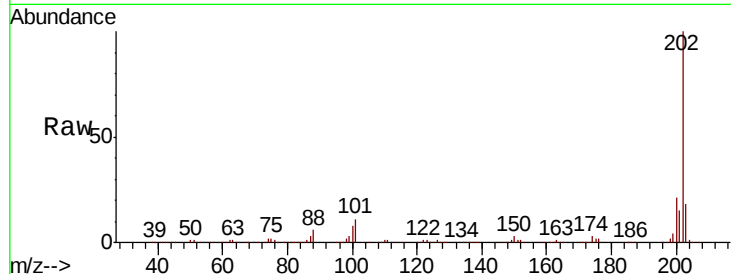
#75
 Fluoranthene
 Concen: 44.713 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-091119MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	602474		
101	10.7		0.0	32.3
203	17.8		0.0	37.1

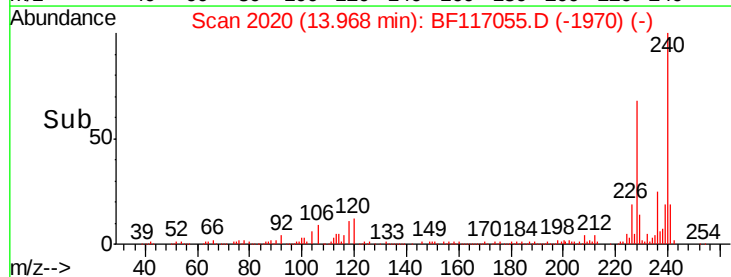
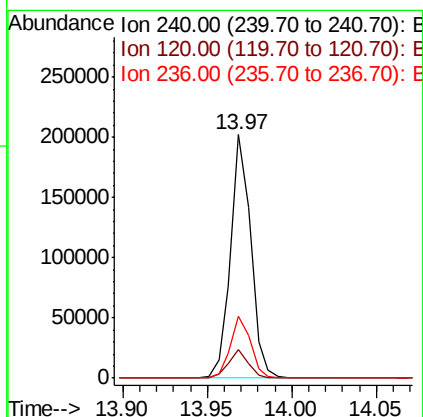
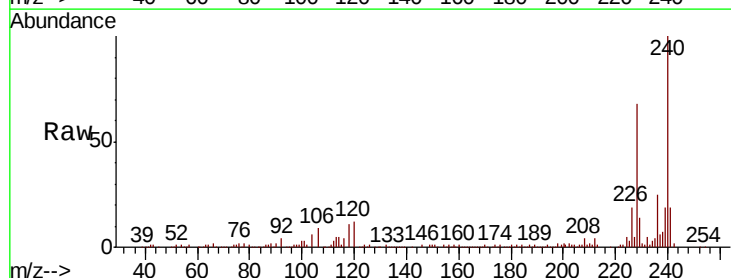
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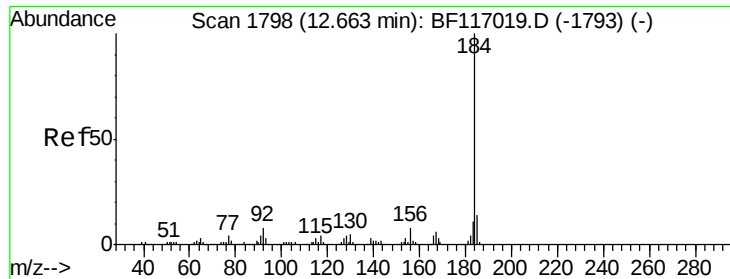
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117055.D
 Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	168564		
120	11.8		8.3	12.5
236	25.5		20.3	30.5





#77

Benzidine

Concen: 31.831 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

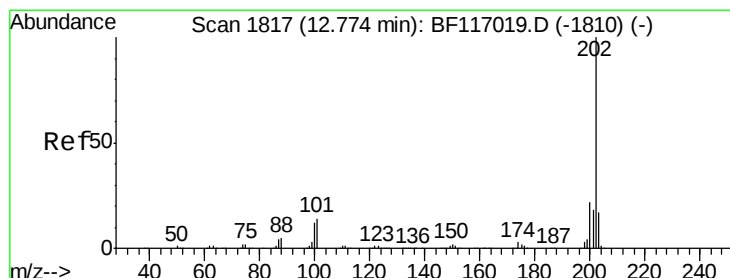
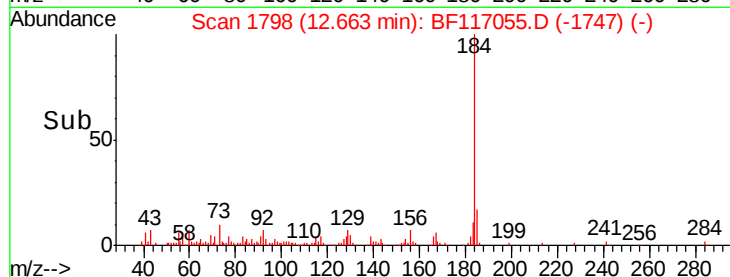
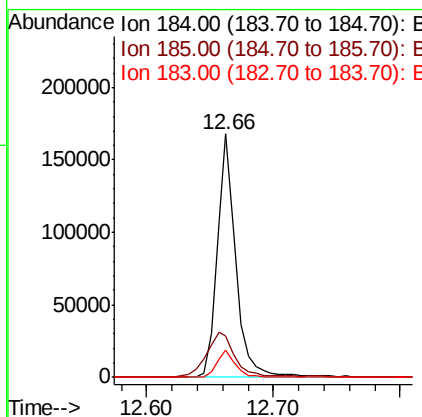
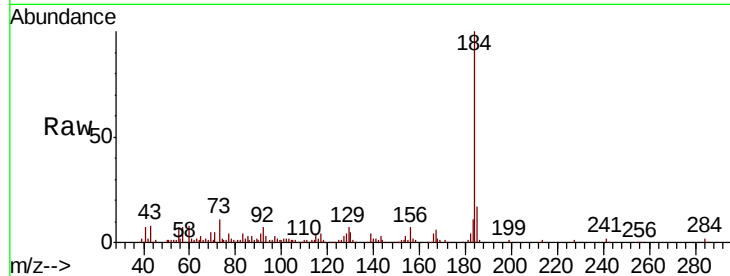
ClientSampleId :

OK-01-091119MS

Tot Ion:	184	Resp:	172836
Ion Ratio	Lower	Upper	
184	100		
185	16.8	11.6	17.4
183	11.3	9.0	13.4

Manual Integrations
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#78

Pyrene

Concen: 42.932 ng

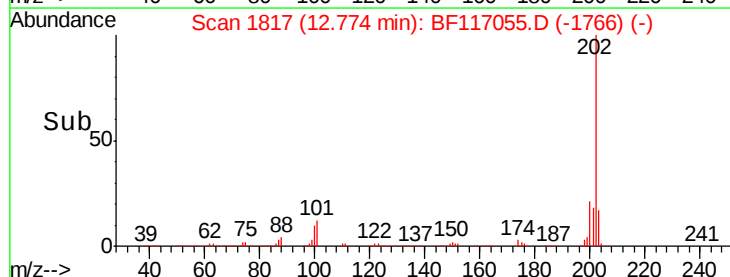
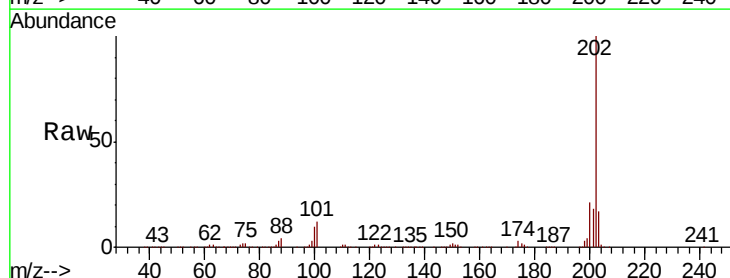
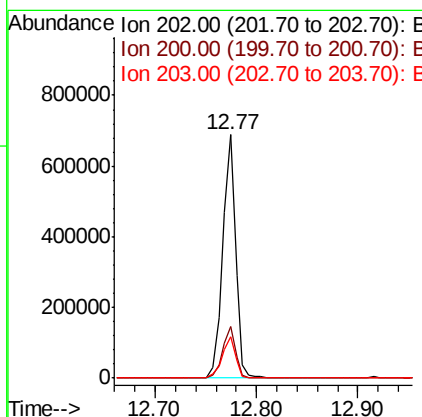
RT: 12.77 min Scan# 1817

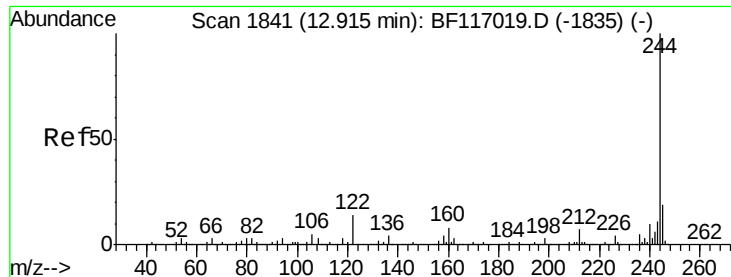
Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion:	202	Resp:	607221
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.2	25.8
203	16.9	14.0	21.0





#79

Terphenyl-d14

Concen: 84.062 ng

RT: 12.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Instrument :

BNA_F

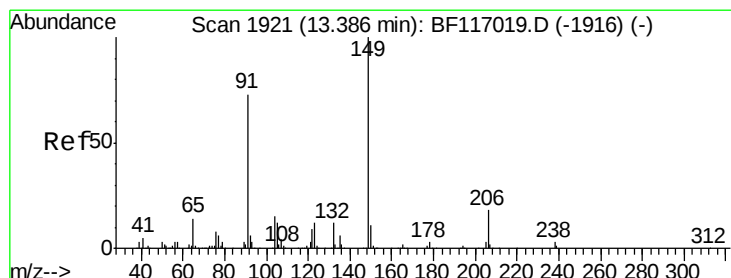
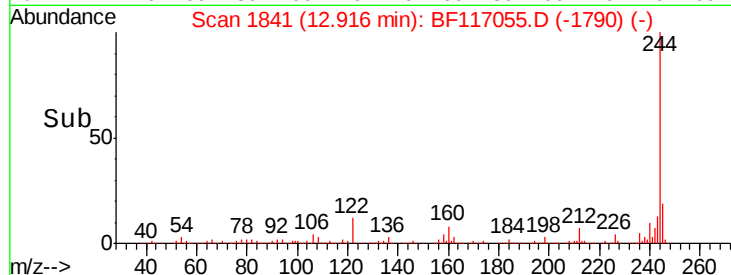
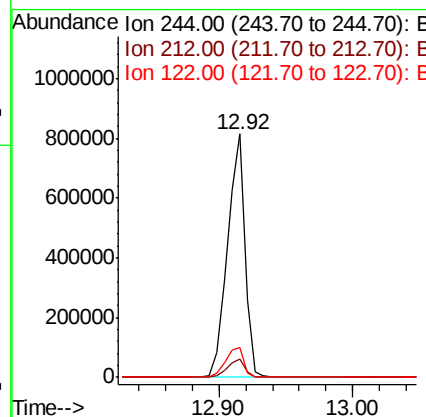
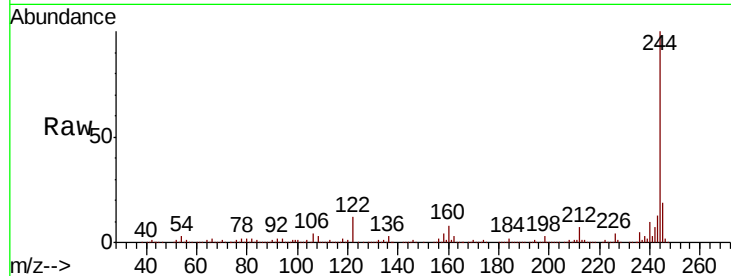
ClientSampled :

OK-01-091119MS

Tot Ion:	244	Resp:	758056
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.8
122	12.4	11.3	16.9

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 43.340 ng

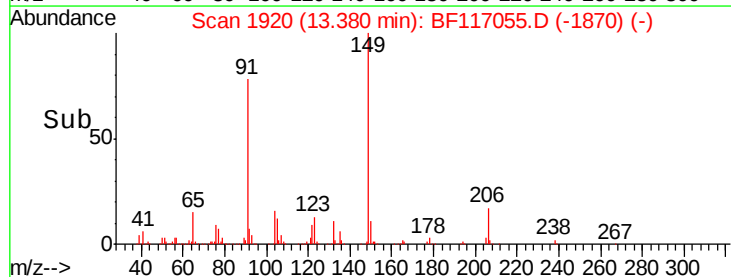
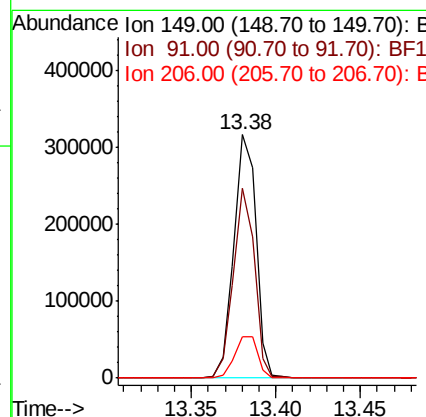
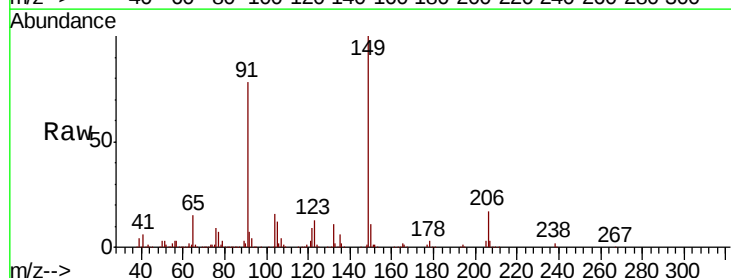
RT: 13.38 min Scan# 1920

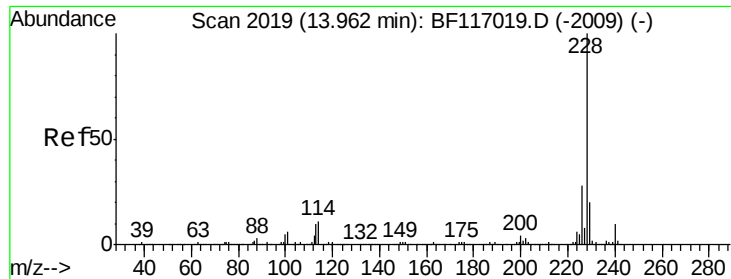
Delta R.T. -0.01 min

Lab File: BF117055.D

Acq: 16 Sep 2019 11:44

Tgt Ion:	149	Resp:	289652
Ion Ratio	Lower	Upper	
149	100		
91	77.9	58.8	88.2
206	16.8	14.1	21.1





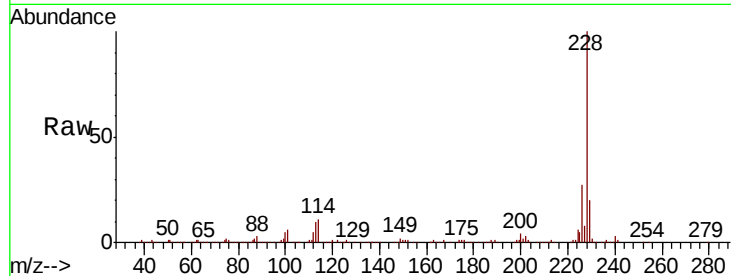
#81
Benzo(a)anthracene
Concen: 43.642 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.0	15.9	23.9

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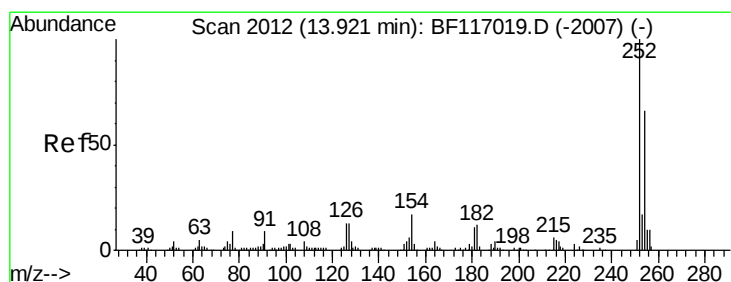
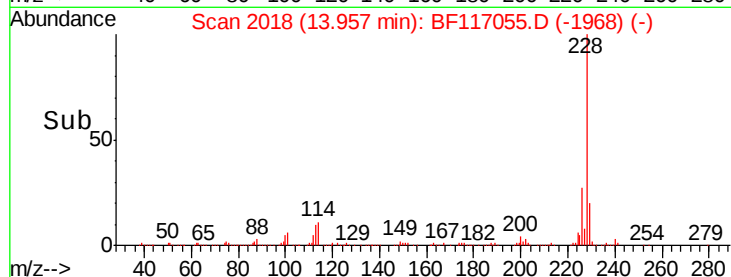
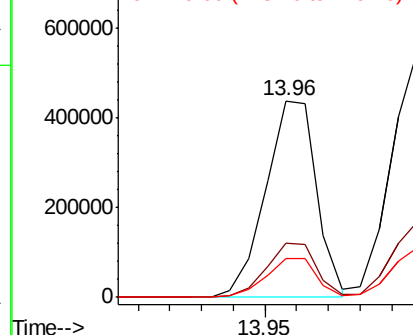


Abundance

Ion 228.00 (227.70 to 228.70): E

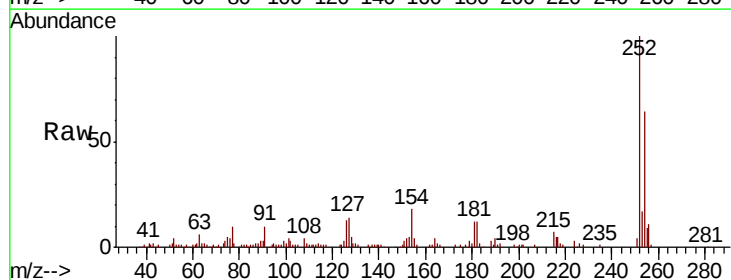
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 24.452 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.6	79.0
126	12.8	10.4	15.6

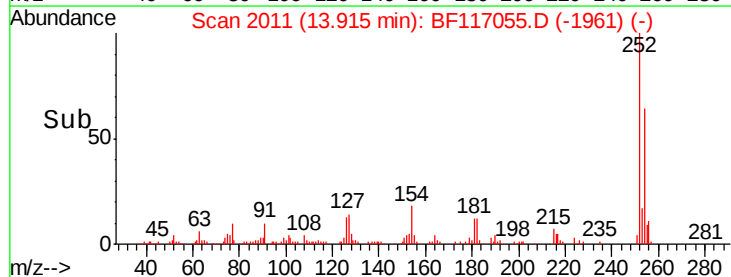
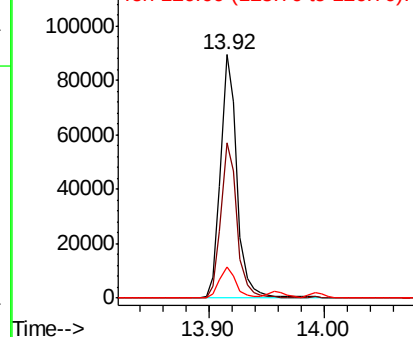


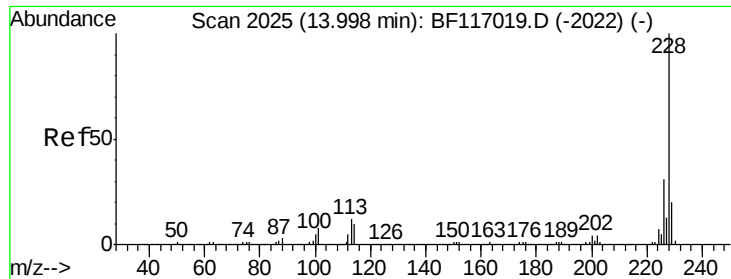
Abundance

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





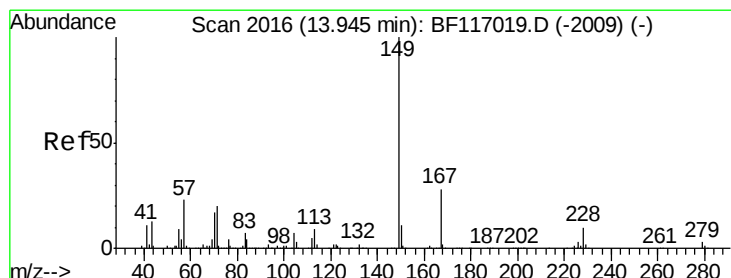
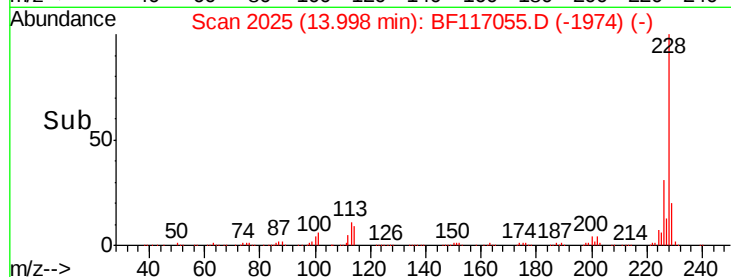
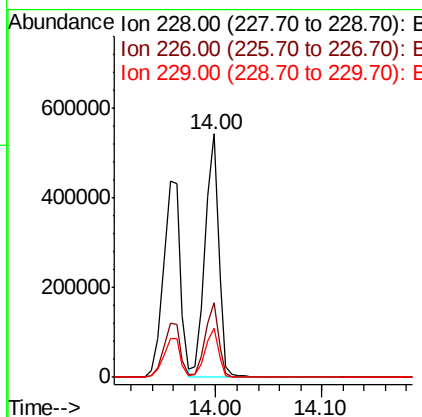
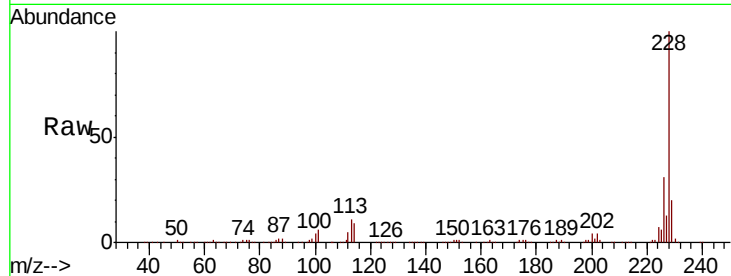
#83
Chrysene
Concen: 44.652 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.8	37.2
229	19.9	15.8	23.8

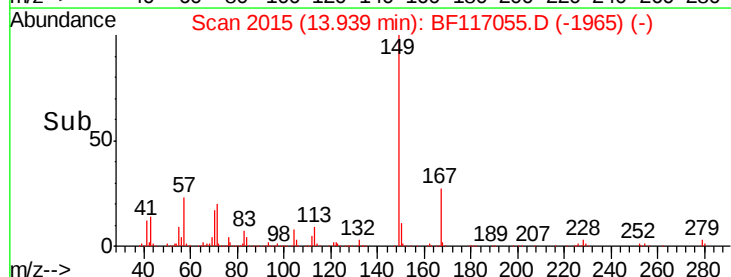
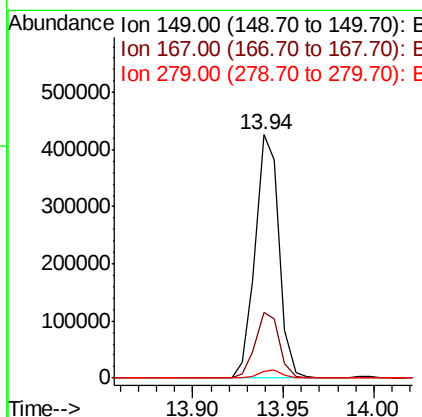
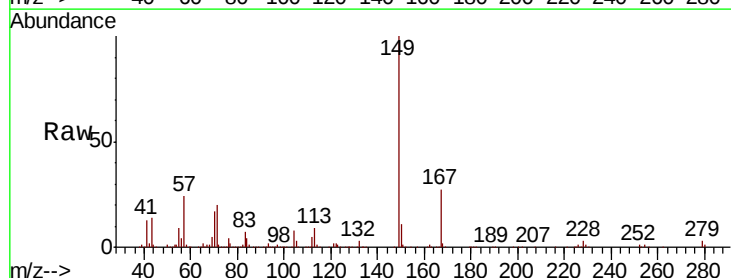
Manual Integrations
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.423 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	22.2	33.2
279	2.8	2.8	4.2#





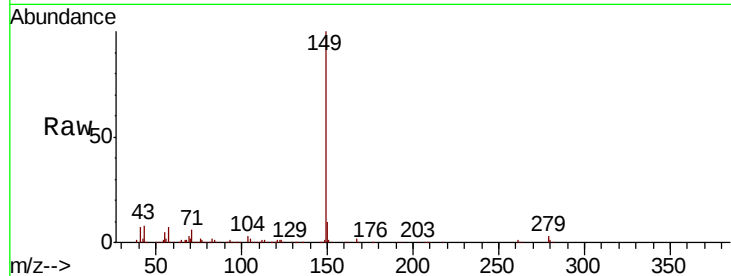
#85
Di-n-octyl phthalate
Concen: 47.482 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

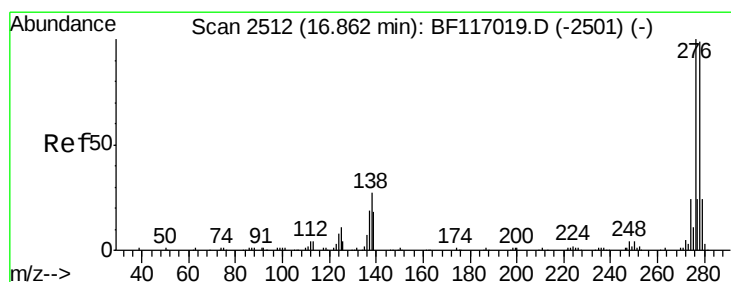
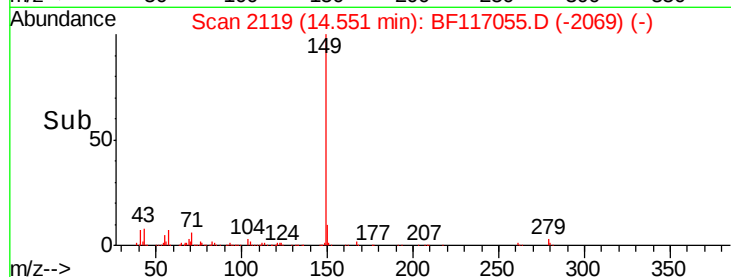
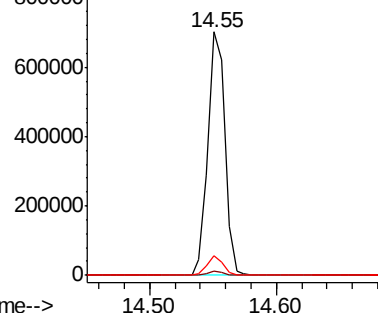
Tot Ion	Ratio	Resp	Lower	Upper
149	100	643976		
167	1.5		1.2	1.8
43	7.4		6.2	9.4

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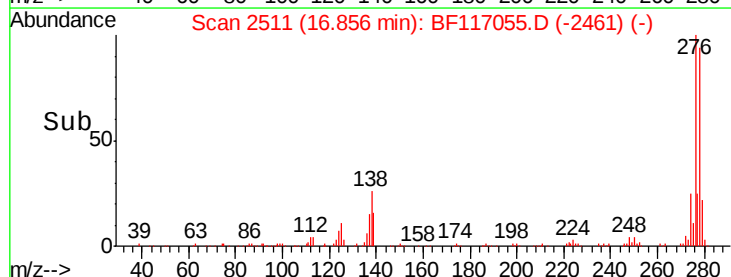
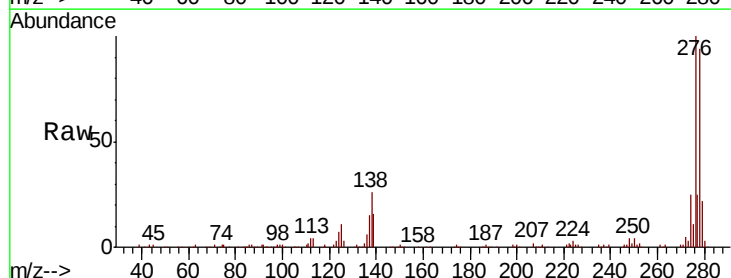
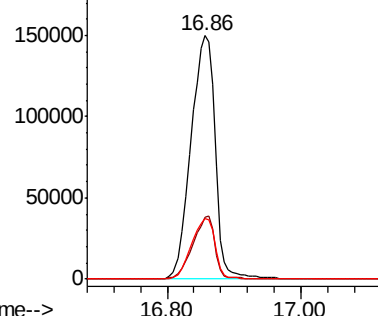
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

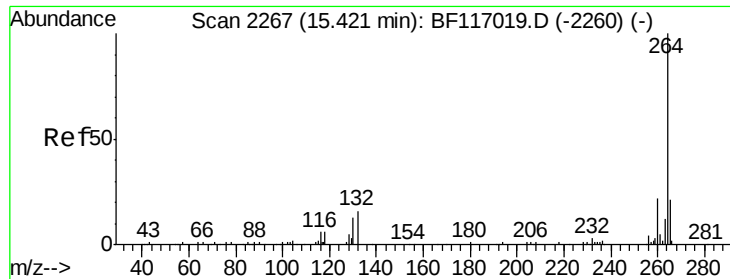


#86
Indeno(1,2,3-cd)pyrene
Concen: 48.196 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	386222		
138	23.7		20.7	31.1
277	24.3		19.8	29.8

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





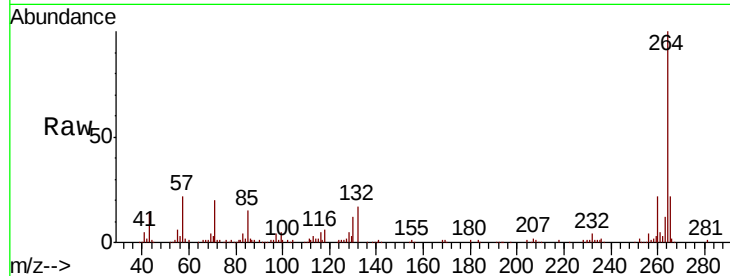
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	17.6	26.4
265	22.5	16.6	24.8

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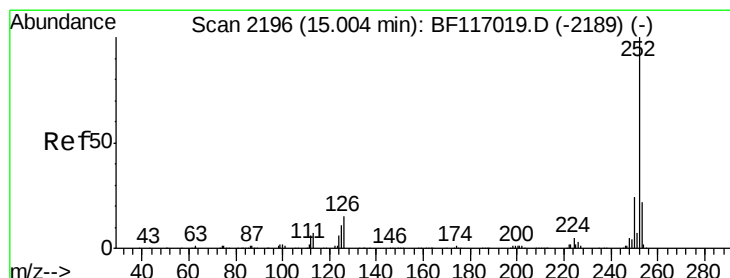
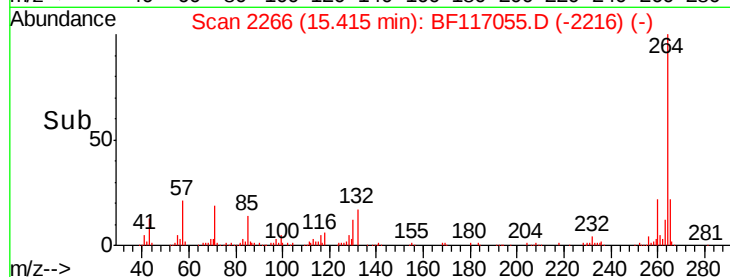
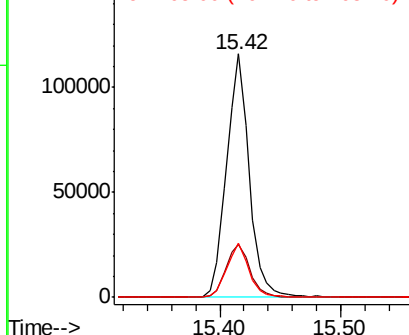


Abundance

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: 46.371 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

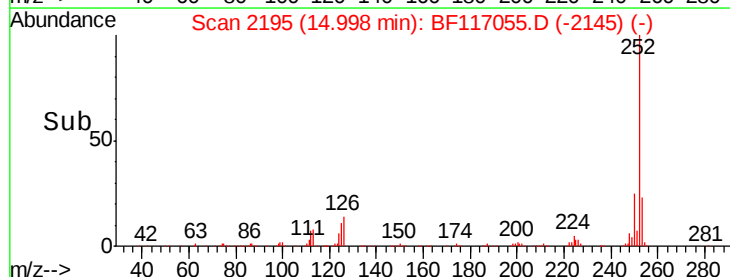
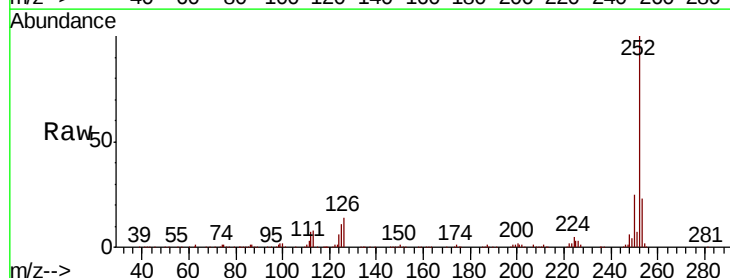
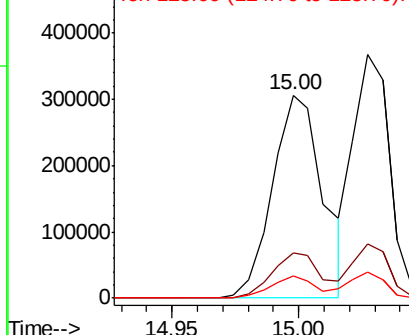
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	10.8	8.6	12.8

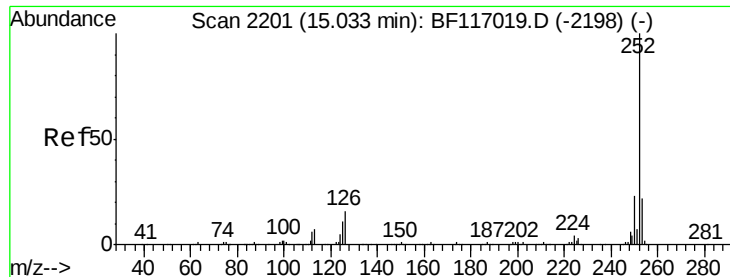
Abundance

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





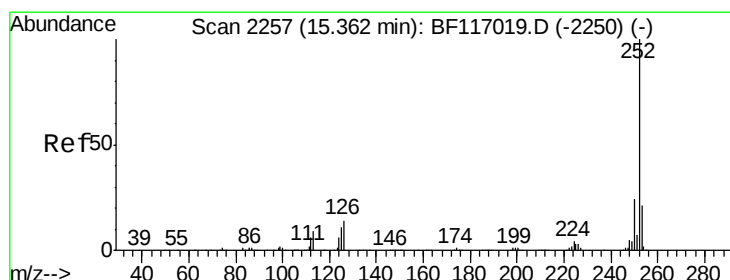
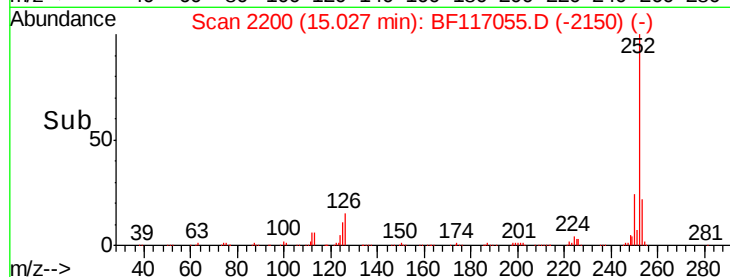
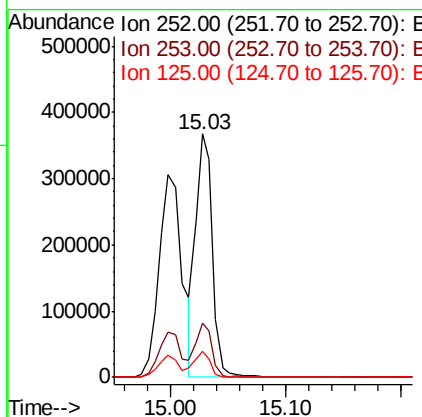
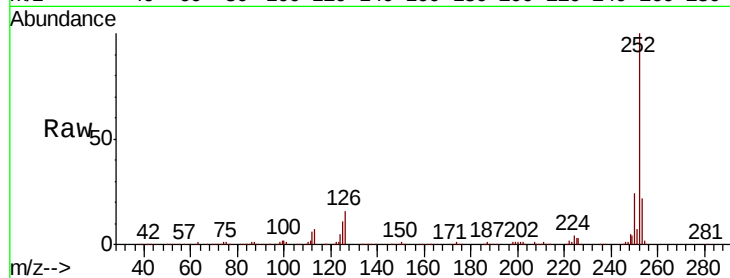
#89
Benzo(k)fluoranthene
Concen: 42.837 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	10.9	8.8	13.2

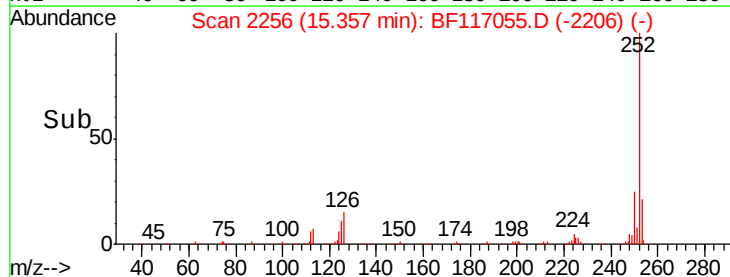
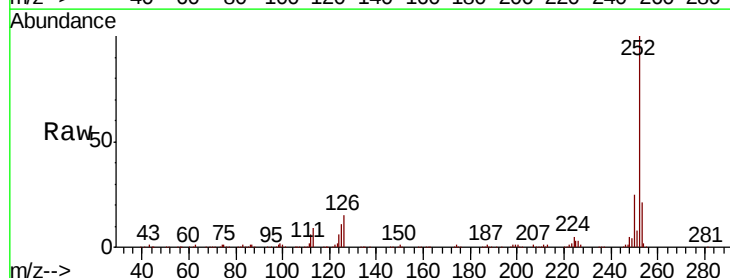
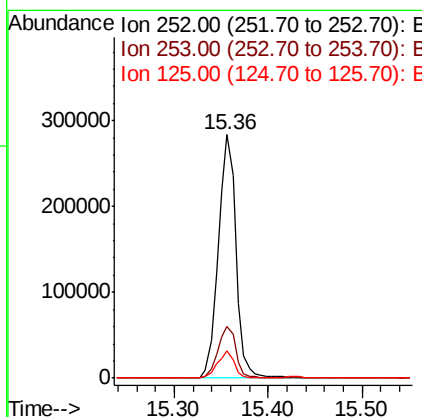
Manual Integrations
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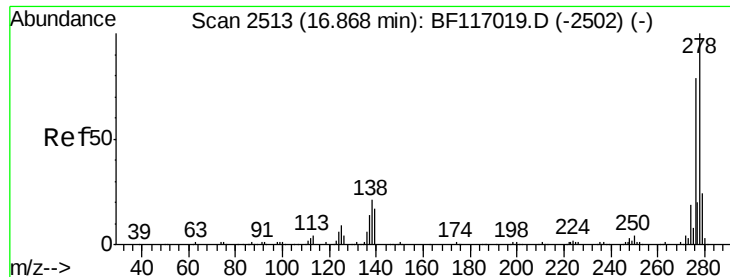
mohammad
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#90
Benzo(a)pyrene
Concen: 46.619 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	16.6	25.0
125	11.3	8.9	13.3





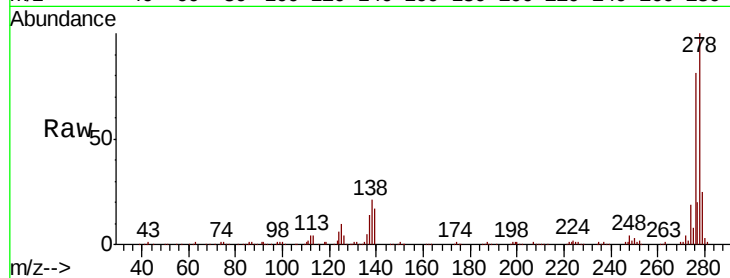
#91
Dibenzo(a,h)anthracene
Concen: 48.930 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Instrument :
BNA_F
ClientSampleId :
OK-01-091119MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.5	20.3
279	24.6	18.8	28.2

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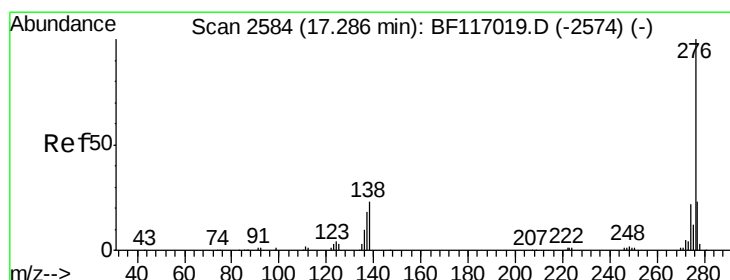
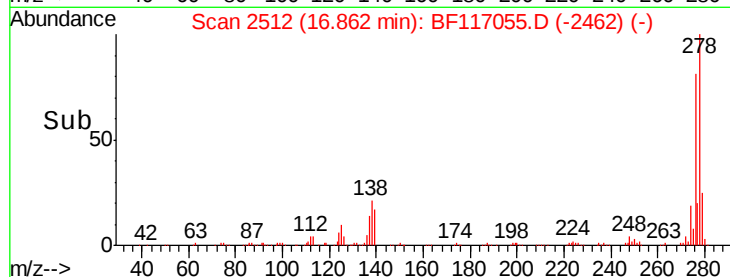
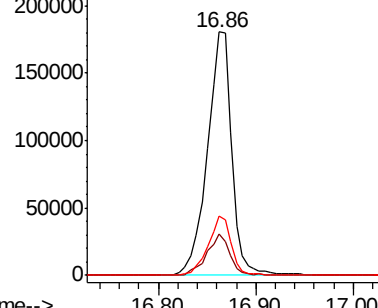


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 50.419 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF117055.D
Acq: 16 Sep 2019 11:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.6	27.8
138	19.7	18.0	27.0

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

