

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110819\
 Data File : BF117745.D
 Acq On : 8 Nov 2019 21:37
 Operator : JU
 Sample : K5722-19MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

Manual Integrations
 APPROVED

mohammad
 11/11/2019 8:06:27 AM

Quant Time: Nov 09 03:07:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	338924	20.00	ng	-0.01
21) Naphthalene-d8	8.22	136	1326433	20.00	ng	-0.01
39) Acenaphthene-d10	9.98	164	718190	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	1367692	20.00	ng	0.00
76) Chrysene-d12	14.12	240	709062	20.00	ng	0.00
87) Perylene-d12	15.63	264	785924	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	2128915	113.70	ng	0.00
7) Phenol-d6	6.56	99	2795434	121.08	ng	0.00
23) Nitrobenzene-d5	7.49	82	1791692	79.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	861068	122.56	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	3101302	85.20	ng	0.00
79) Terphenyl-d14	13.06	244	3055283	88.70	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.79	88	338271	36.260 ng	99
3) Pyridine	3.55	79	896374	34.931 ng	97
4) n-Nitrosodimethylamine	3.50	42	474749	41.982 ng	97
6) Aniline	6.59	93	1221912	37.713 ng	98
8) 2-Chlorophenol	6.72	128	976031	46.860 ng	98
9) Benzaldehyde	6.47	77	536471	33.397 ng	98
10) Phenol	6.57	94	1188249m	47.765 ng	
11) bis(2-Chloroethyl)ether	6.66	93	919226	44.748 ng	98
12) 1,3-Dichlorobenzene	6.87	146	1039082	43.037 ng	98
13) 1,4-Dichlorobenzene	6.95	146	1062426	43.959 ng	98
14) 1,2-Dichlorobenzene	7.10	146	988044	44.400 ng	98
15) Benzyl Alcohol	7.07	79	878335	47.715 ng	96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1355102	41.721 ng	99
17) 2-Methylphenol	7.17	107	842009	47.069 ng	99
18) Hexachloroethane	7.45	117	383303	42.906 ng	94
19) n-Nitroso-di-n-propylamine	7.35	70	654747	43.132 ng	98
20) 3+4-Methylphenols	7.33	107	989789	46.466 ng	94
22) Acetophenone	7.34	105	1280748	42.246 ng	# 98
24) Nitrobenzene	7.52	77	1046327	44.599 ng	97
25) Isophorone	7.76	82	1922628	44.742 ng	100
26) 2-Nitrophenol	7.83	139	556146	51.062 ng	98
27) 2,4-Dimethylphenol	7.86	122	967147	52.663 ng	98
28) bis(2-Chloroethoxy)methane	7.96	93	1162142	42.131 ng	100
29) 2,4-Dichlorophenol	8.07	162	873006	46.141 ng	99
30) 1,2,4-Trichlorobenzene	8.16	180	931668	43.014 ng	98
31) Naphthalene	8.24	128	2784082	45.920 ng	100
32) Benzoic acid	7.99	122	732156	50.364 ng	94
33) 4-Chloroaniline	8.28	127	686736	24.377 ng	98
34) Hexachlorobutadiene	8.36	225	515642	41.572 ng	97
35) Caprolactam	8.66	113	309495m	49.352 ng	
36) 4-Chloro-3-methylphenol	8.76	107	924724	48.434 ng	98
37) 2-Methylnaphthalene	8.93	142	1944575	47.113 ng	100
38) 1-Methylnaphthalene	9.03	142	1832618	46.755 ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	841446	42.826 ng	99

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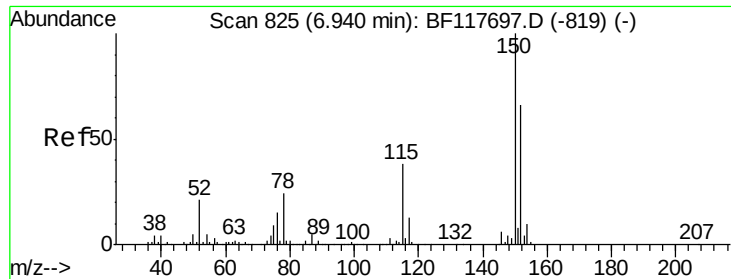
Manual Integrations
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Quant Time: Nov 09 03:07:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110619.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	866675	81.764	nq	98
43) 2,4,6-Trichlorophenol	9.21	196	656850	45.902	nq	99
44) 2,4,5-Trichlorophenol	9.25	196	710362	48.974	nq	99
46) 1,1'-Biphenyl	9.40	154	2299124	45.709	nq	99
47) 2-Chloronaphthalene	9.43	162	1812210	43.415	nq	99
48) 2-Nitroaniline	9.52	65	591150	45.192	nq	98
49) Acenaphthylene	9.85	152	2908071	47.839	nq	99
50) Dimethylphthalate	9.70	163	2478382	51.046	nq	99
51) 2,6-Dinitrotoluene	9.76	165	524573	48.250	nq #	85
52) Acenaphthene	10.02	154	1856690	47.334	nq	99
53) 3-Nitroaniline	9.93	138	384904	29.345	nq	96
54) 2,4-Dinitrophenol	10.03	184	322956	86.648	nq #	80
55) Dibenzofuran	10.19	168	2559324	46.628	nq	99
56) 4-Nitrophenol	10.09	139	892605	90.489	nq	97
57) 2,4-Dinitrotoluene	10.16	165	695223	49.849	nq #	89
58) Fluorene	10.53	166	1869993	46.226	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.30	232	575958	47.767	nq	100
60) Diethylphthalate	10.40	149	2175078	45.553	nq	99
61) 4-Chlorophenyl-phenylether	10.52	204	951320	45.175	nq	98
62) 4-Nitroaniline	10.55	138	532174	41.222	nq	97
63) Azobenzene	10.69	77	2050380	45.338	nq	95
65) 4,6-Dinitro-2-methylphenol	10.57	198	252848	46.298	nq	85
66) n-Nitrosodiphenylamine	10.64	169	1786768	44.233	nq	99
67) 4-Bromophenyl-phenylether	11.02	248	652018	43.652	nq	96
68) Hexachlorobenzene	11.08	284	725905	42.069	nq	97
69) Atrazine	11.17	200	635547	47.745	nq	99
70) Pentachlorophenol	11.27	266	797600	82.687	nq	99
71) Phenanthrene	11.50	178	3107808	47.407	nq	100
72) Anthracene	11.55	178	2978390	45.666	nq	98
73) Carbazole	11.70	167	2633053	44.162	nq	100
74) Di-n-butylphthalate	12.03	149	3234804	44.619	nq	99
75) Fluoranthene	12.69	202	3642136	54.410	nq	98
77) Benzidine	12.80	184	994457	40.340	nq	98
78) Pyrene	12.92	202	3524429	68.091	nq	97
80) Butylbenzylphthalate	13.54	149	1295395	54.182	nq	91
81) Benzo(a)anthracene	14.11	228	2446262	55.425	nq	98
82) 3,3'-Dichlorobenzidine	14.07	252	646952	39.247	nq	97
83) Chrysene	14.15	228	2459781	56.434	nq	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	1764200	57.204	nq	98
85) Di-n-octyl phthalate	14.72	149	2780041	57.284	nq	98
86) Indeno(1,2,3-cd)pyrene	17.17	276	2564776	63.222	nq	99
88) Benzo(b)fluoranthene	15.19	252	2925365	59.100	nq	99
89) Benzo(k)fluoranthene	15.22	252	1988205	45.035	nq	98
90) Benzo(a)pyrene	15.57	252	2216655	51.659	nq	99
91) Dibenzo(a,h)anthracene	17.19	278	1931874	50.200	nq	99
92) Benzo(g,h,i)perylene	17.64	276	2129288	57.092	nq	100

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



#1

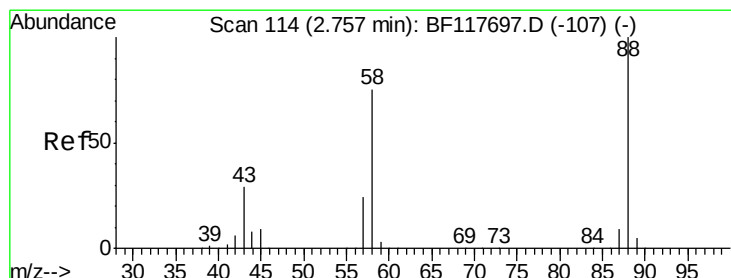
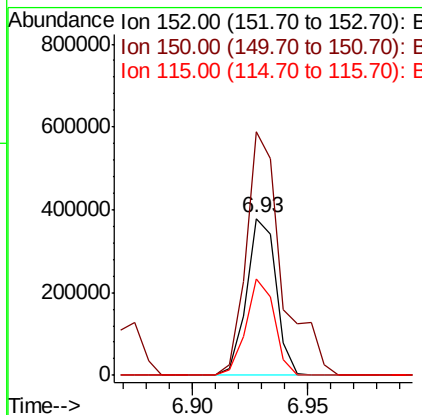
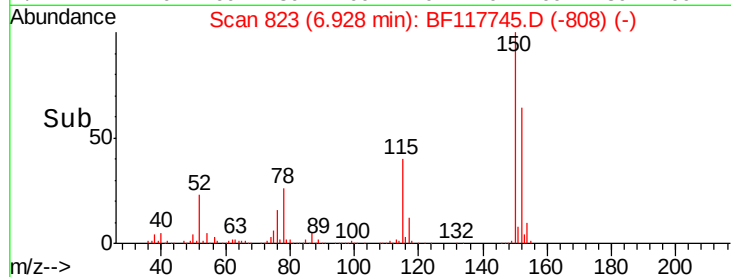
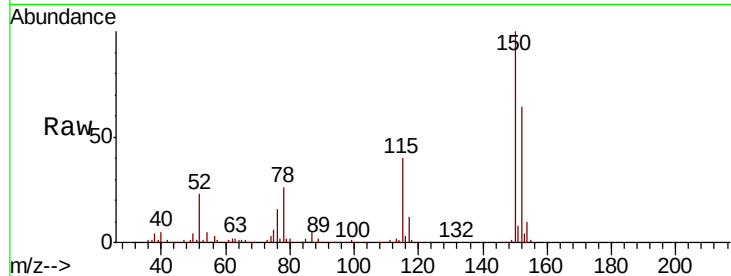
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	121.4	182.2
115	61.5	46.7	70.1

Manual Integrations
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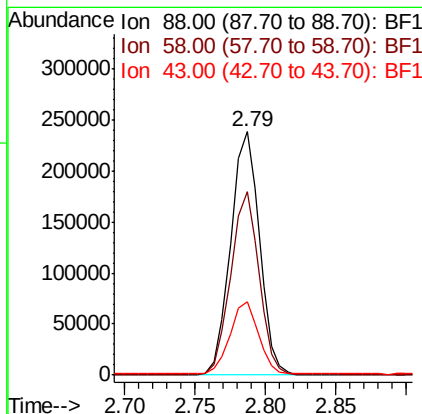
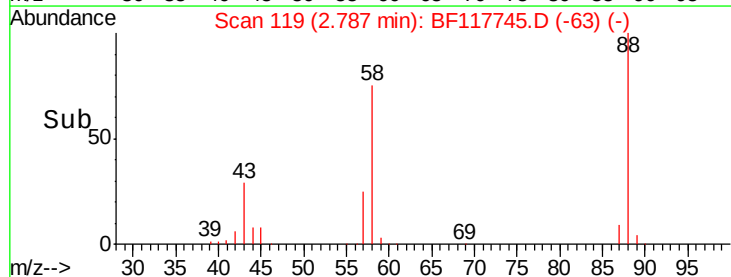
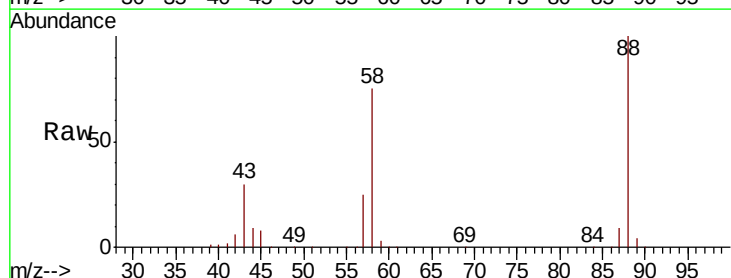
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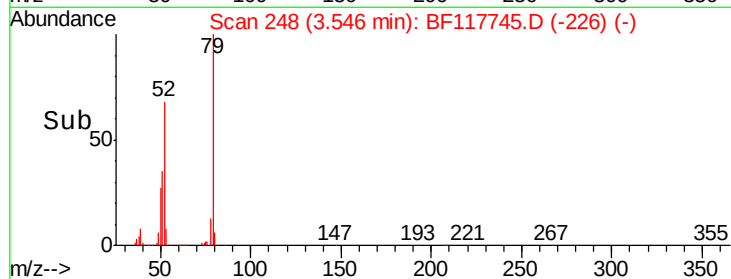
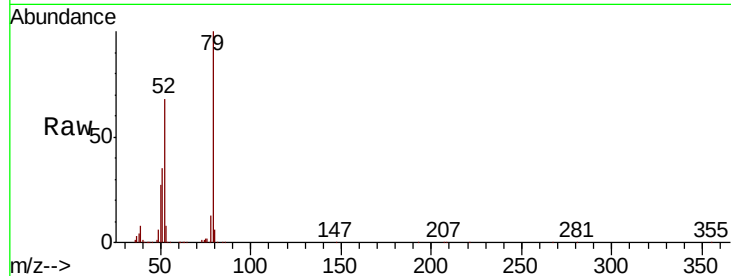
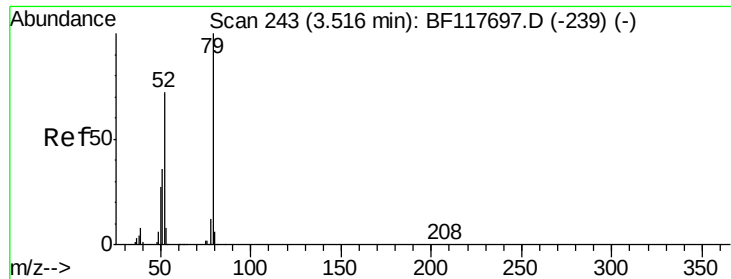


#2

1,4-Dioxane
Concen: 36.260 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.03 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.2	60.1	90.1
43	29.5	24.0	36.0





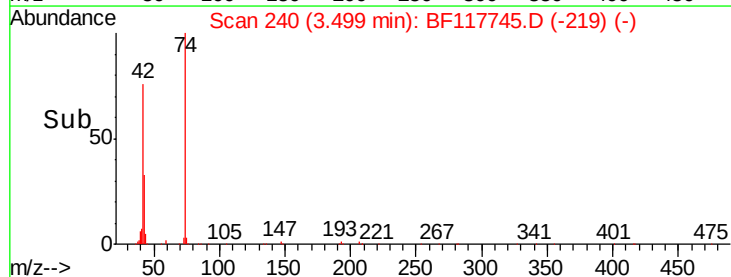
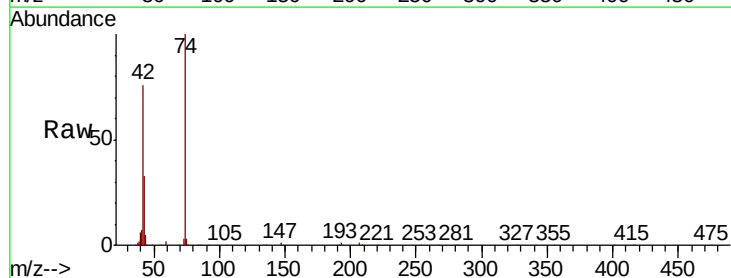
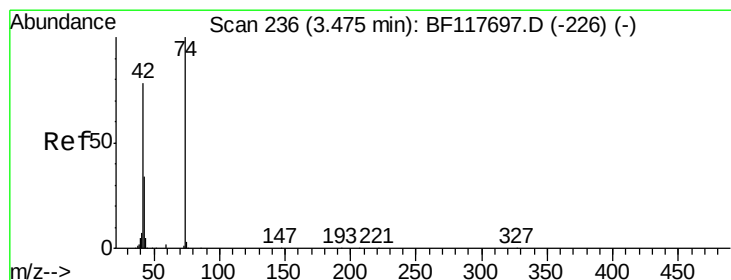
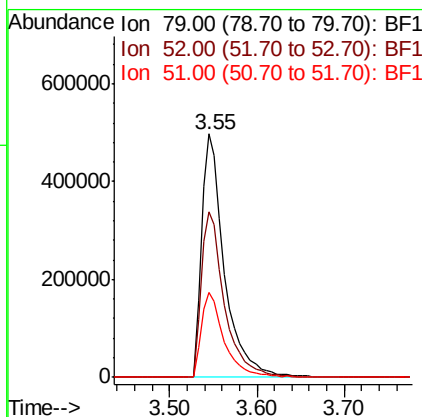
#3
 Pvridine
 Concen: 34.931 ng
 RT: 3.55 min Scan# 248
 Delta R.T. 0.03 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tot Ion	Ratio	Lower	Upper
79	100		
52	68.3	57.2	85.8
51	34.9	28.6	42.8

Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

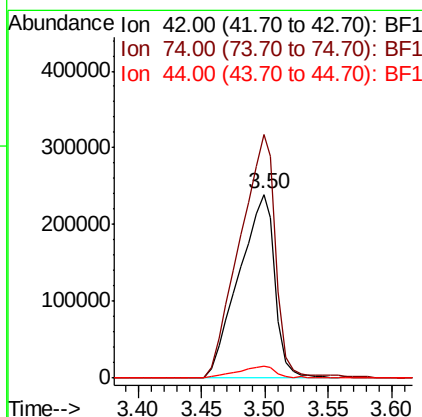
Manual Integrations
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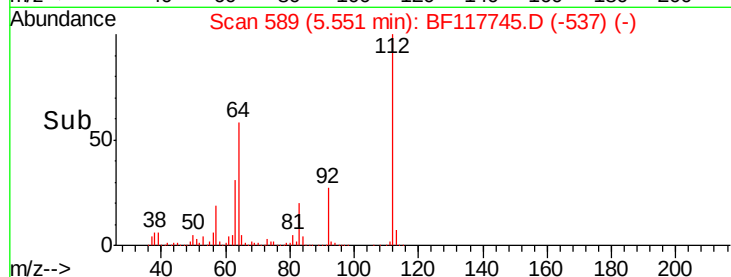
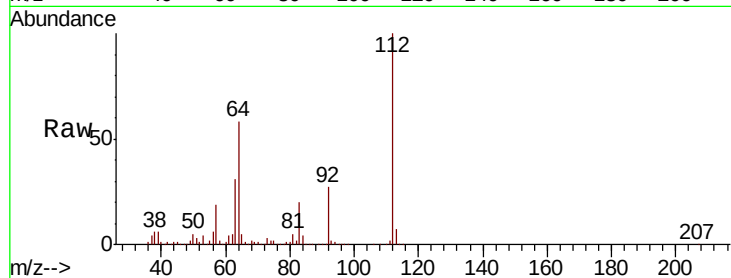
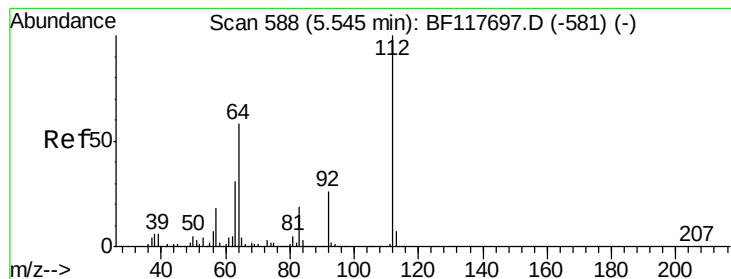
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#4
 n-Nitrosodimethylamine
 Concen: 41.982 ng
 RT: 3.50 min Scan# 240
 Delta R.T. 0.02 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	132.4	103.1	154.7
44	6.4	5.0	7.6





#5

2-Fluorophenol

Concen: 113.703 ng

RT: 5.55 min Scan# 589

Delta R.T. 0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampled :

3-CMS

Tot Ion:112 Resp: 2128915

Ion Ratio Lower Upper

112 100

64 57.6 46.4 69.6

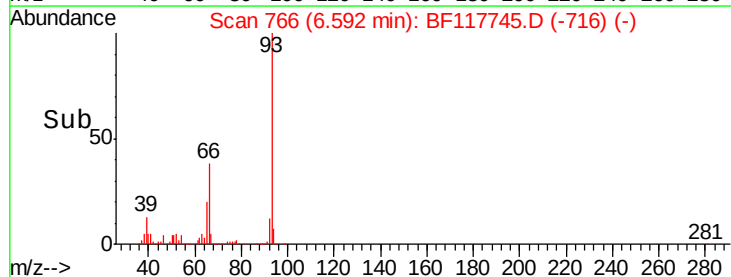
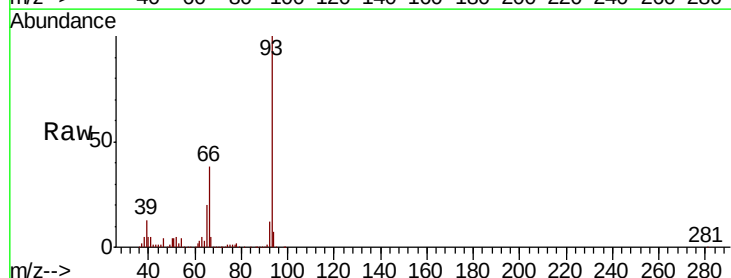
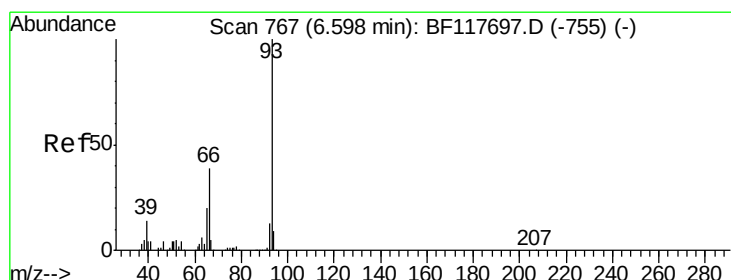
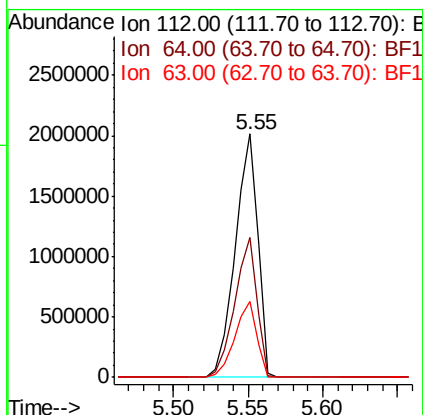
63 31.5 24.6 37.0

Manual Integrations

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#6

Aniline

Concen: 37.713 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

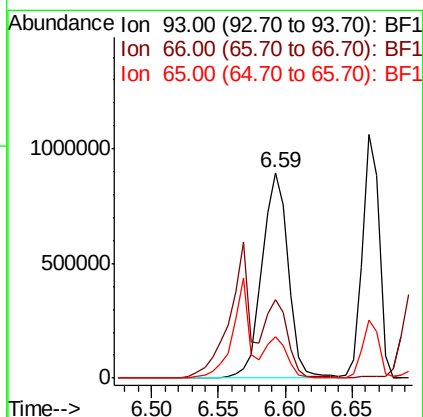
Tgt Ion: 93 Resp: 1221912

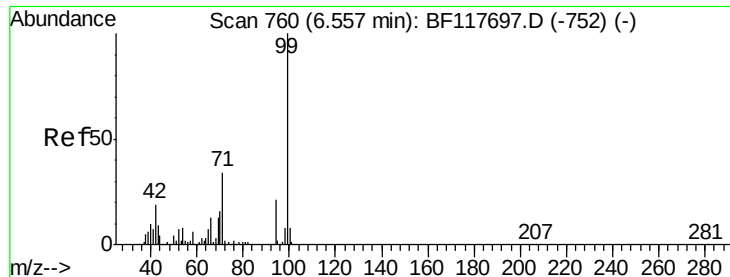
Ion Ratio Lower Upper

93 100

66 38.1 31.7 47.5

65 19.9 15.8 23.8





#7

Phenol-d6

Concen: 121.085 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampled :

3-CMS

Tot Ion: 99 Resp: 2795434

Ion Ratio Lower Upper

99 100

42 19.8 15.3 22.9

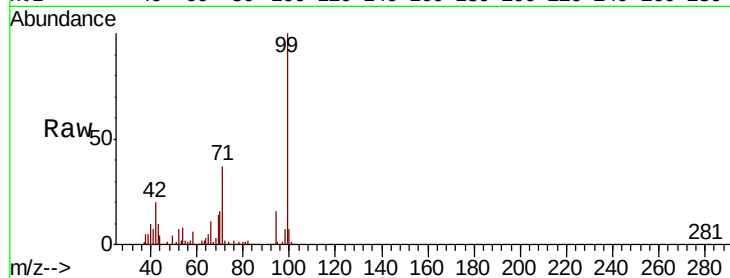
71 37.4 26.8 40.2

Manual Integrations

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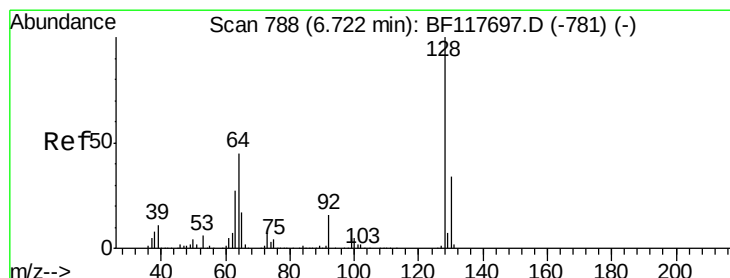
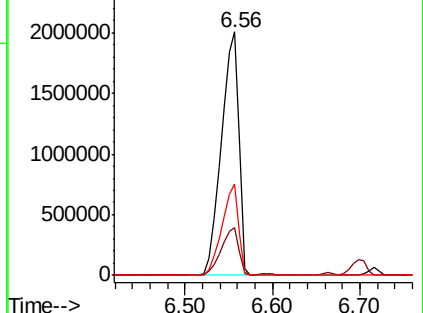
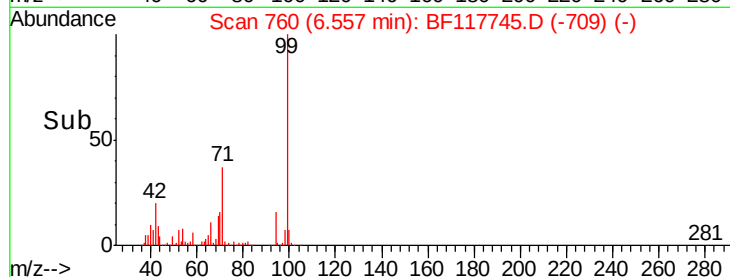
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 46.860 ng

RT: 6.72 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

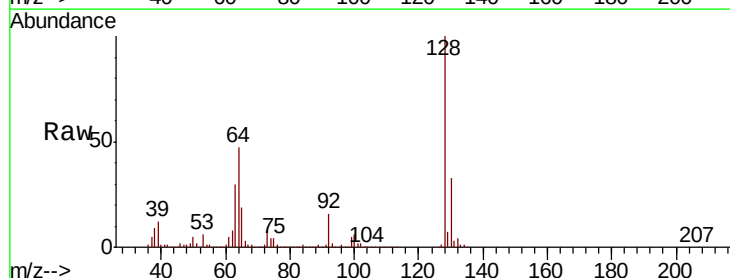
Tgt Ion: 128 Resp: 976031

Ion Ratio Lower Upper

128 100

130 33.3 13.6 53.6

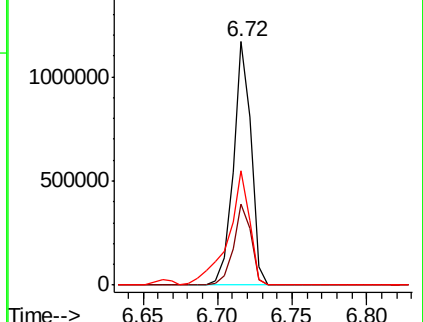
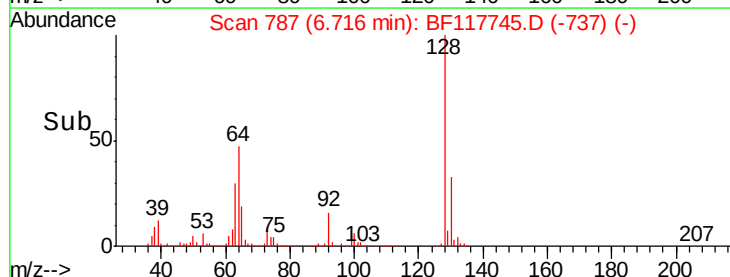
64 46.8 25.2 65.2

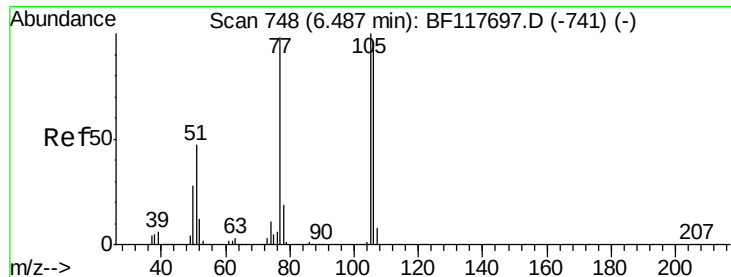


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 33.397 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

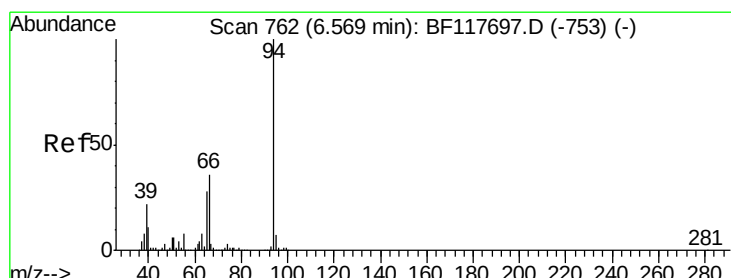
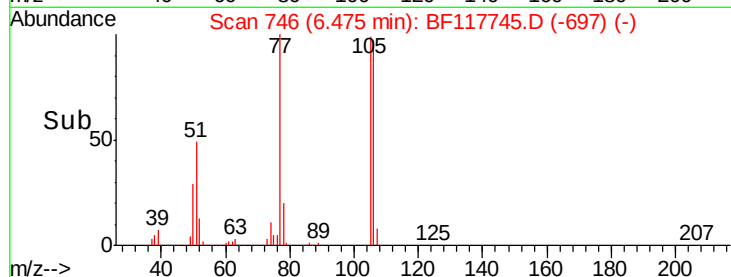
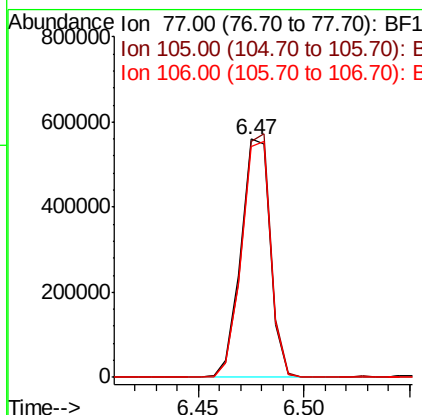
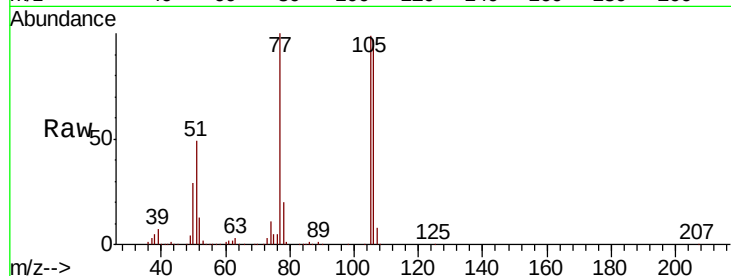
ClientSampleId :

3-CMS

Tot Ion:	77	Resp:	536471
Ion	Ratio	Lower	Upper
77	100		
105	98.9	82.3	122.3
106	96.9	78.0	118.0

Manual Integrations
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#10

Phenol

Concen: 47.765 ng m

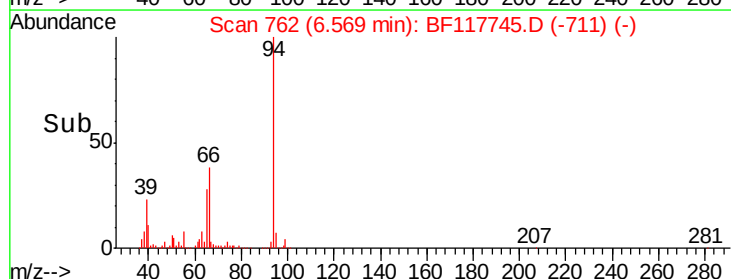
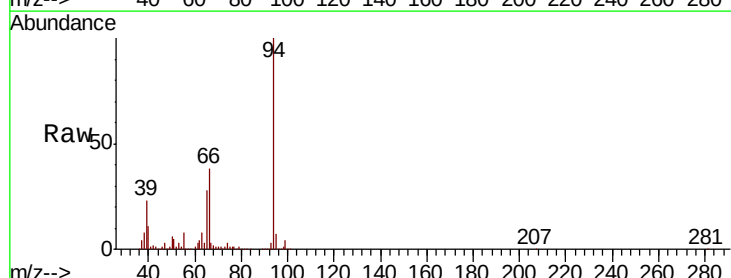
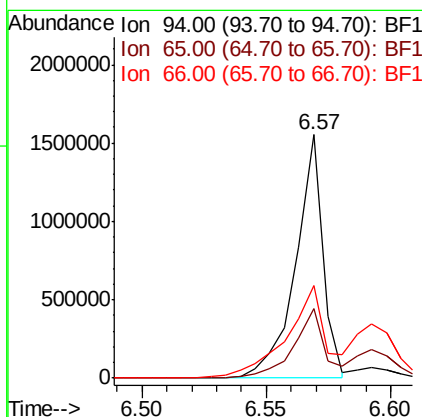
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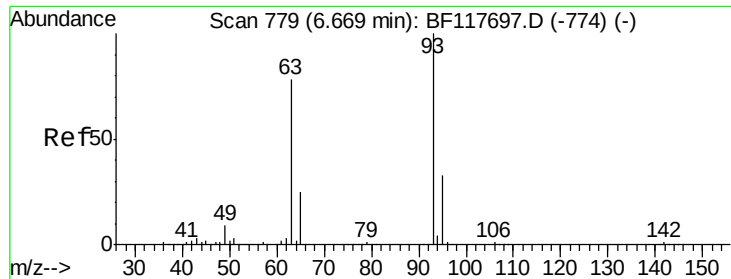
Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Tgt Ion:	94	Resp:	1188249
Ion	Ratio	Lower	Upper
94	100		
65	28.3	7.6	47.6
66	38.2	16.1	56.1





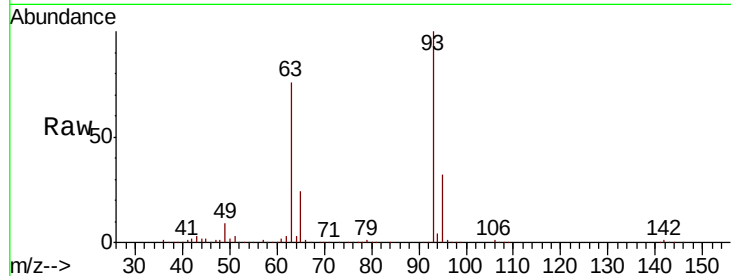
#11
bis(2-Chloroethyl)ether
Concen: 44.748 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

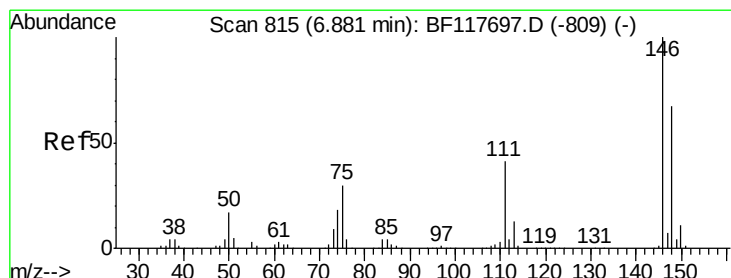
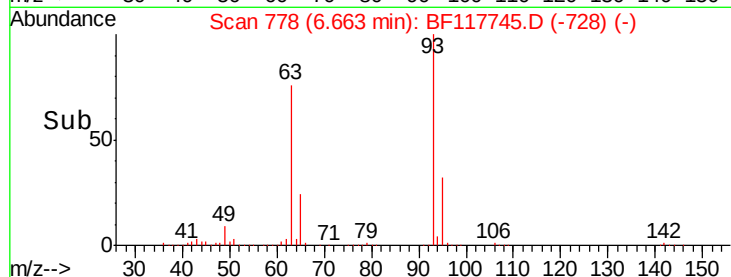
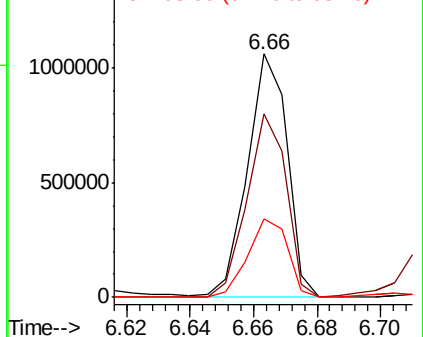
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.5	57.6	97.6
95	32.1	12.7	52.7

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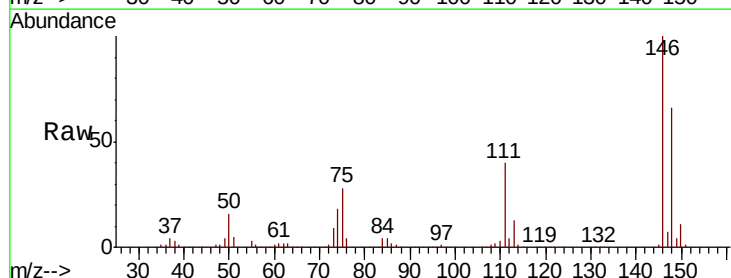


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

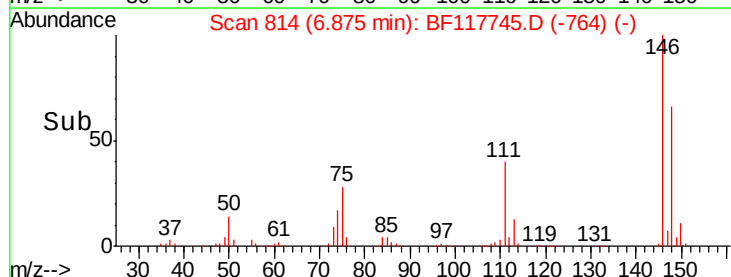
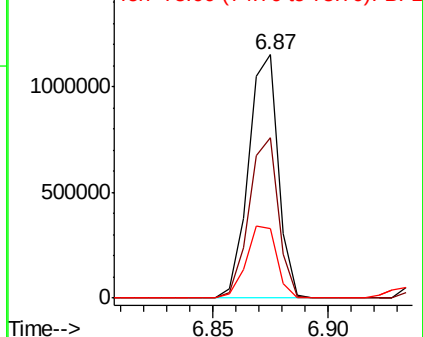


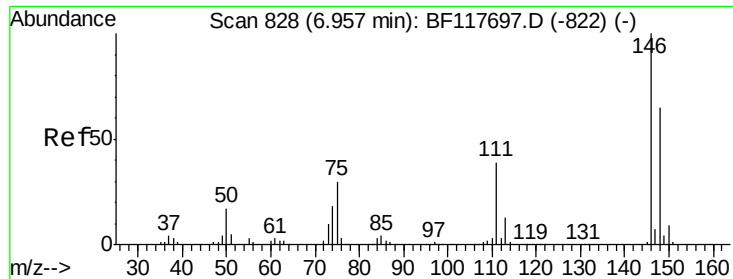
#12
1,3-Dichlorobenzene
Concen: 43.037 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.9	53.4	80.2
75	28.4	24.0	36.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





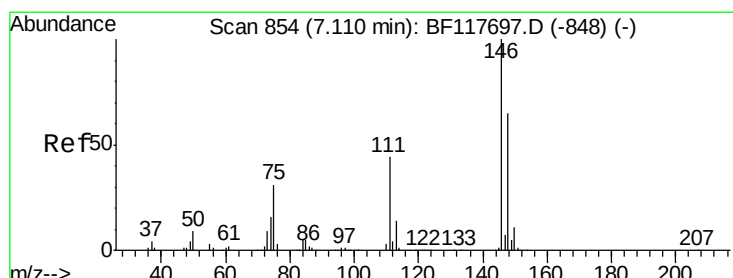
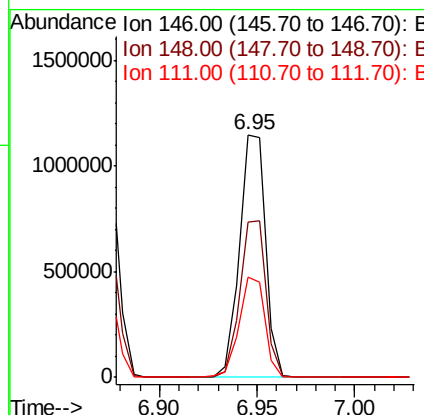
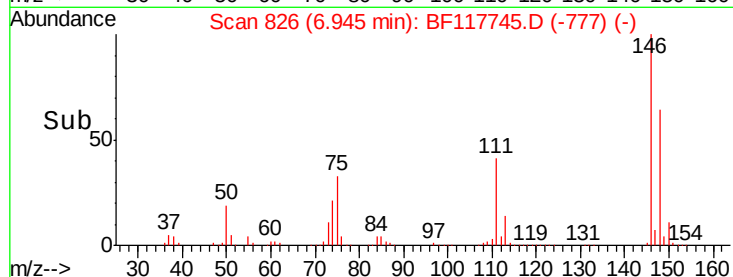
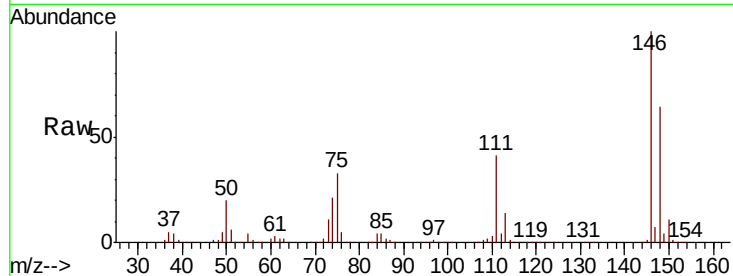
#13
1,4-Dichlorobenzene
Concen: 43.959 ng
RT: 6.95 min Scan# 826
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

Tot Ion:146 Resp: 1062426
Ion Ratio Lower Upper
146 100
148 64.2 51.9 77.9
111 41.4 31.6 47.4

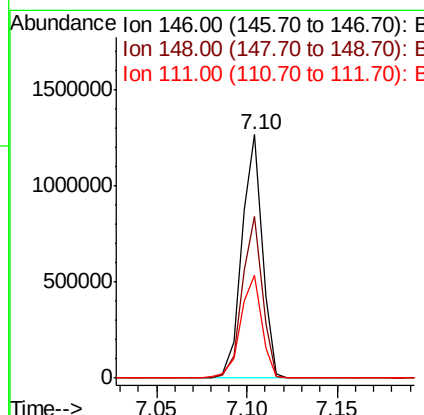
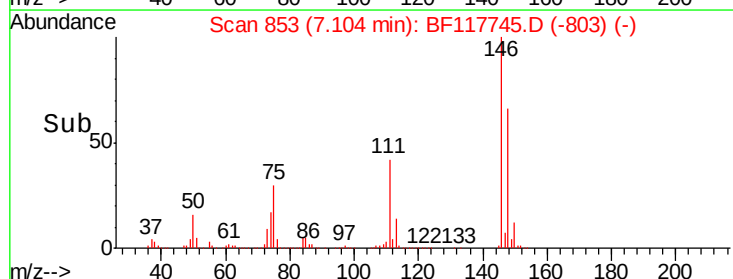
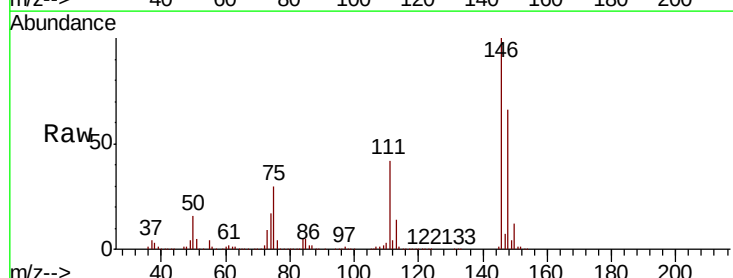
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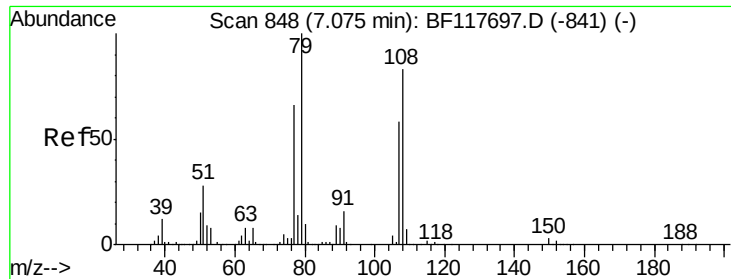
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#14
1,2-Dichlorobenzene
Concen: 44.400 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:146 Resp: 988044
Ion Ratio Lower Upper
146 100
148 66.2 52.1 78.1
111 42.2 35.1 52.7





#15

Benzyl Alcohol

Concen: 47.715 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

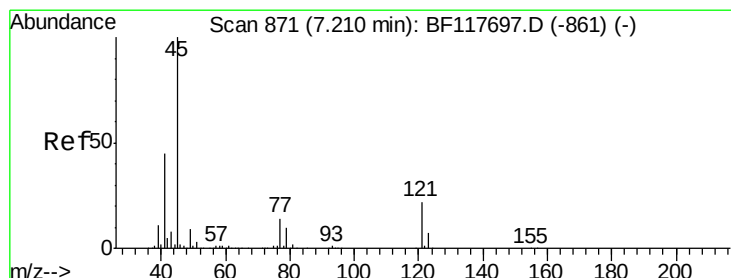
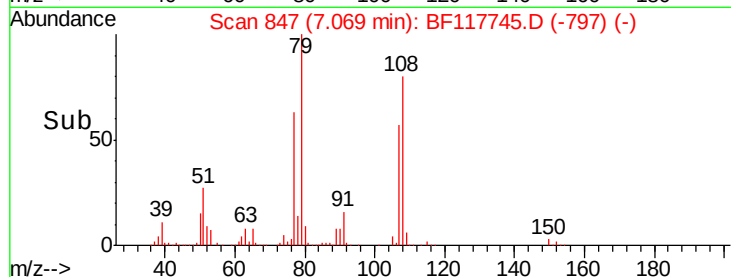
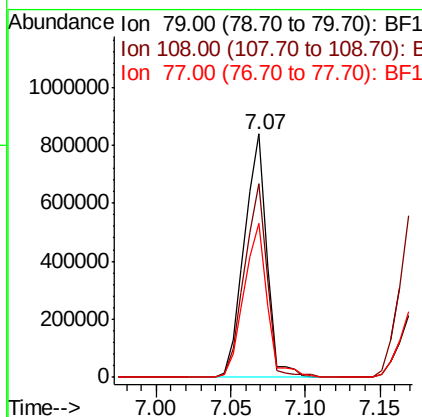
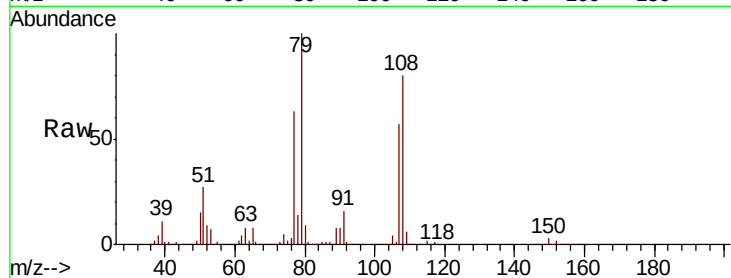
ClientSampled :

3-CMS

Tot Ion:	79	Resp:	878335
Ion	Ratio	Lower	Upper
79	100		
108	79.7	66.5	99.7
77	63.4	52.9	79.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 41.721 ng

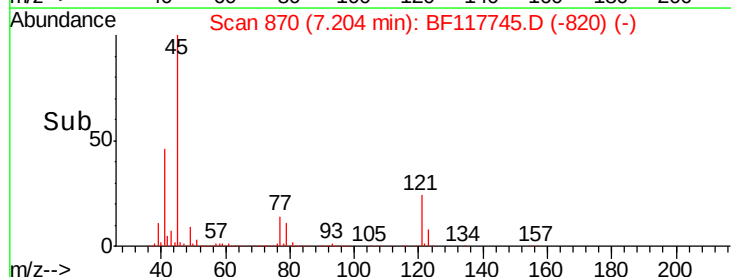
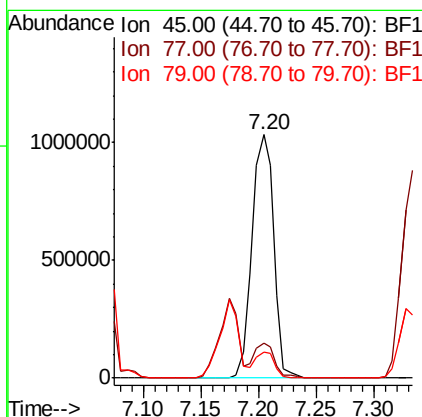
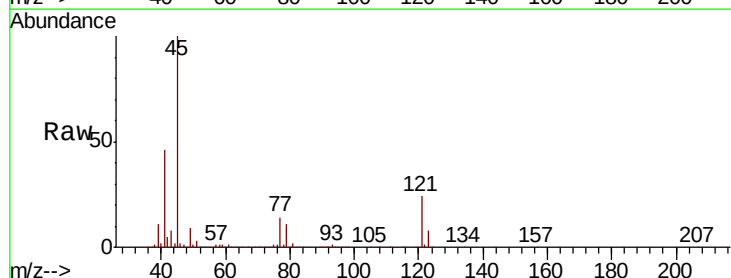
RT: 7.20 min Scan# 870

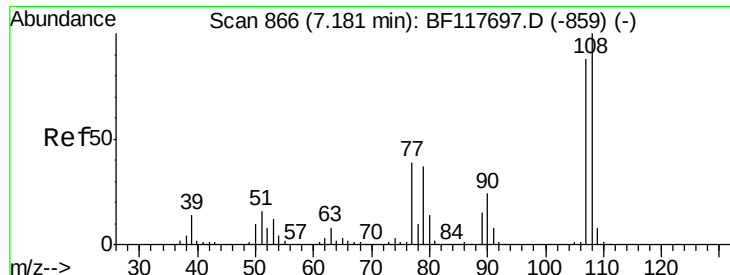
Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Tgt Ion:	45	Resp:	1355102
Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	33.8
79	10.9	0.0	30.5





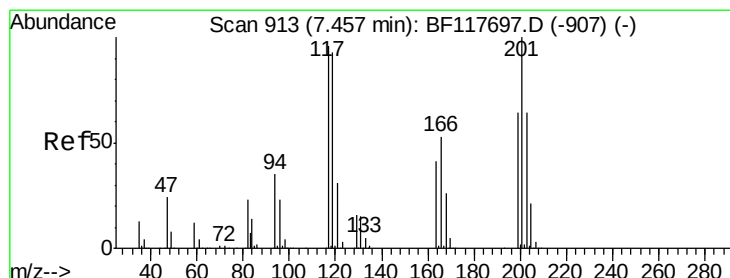
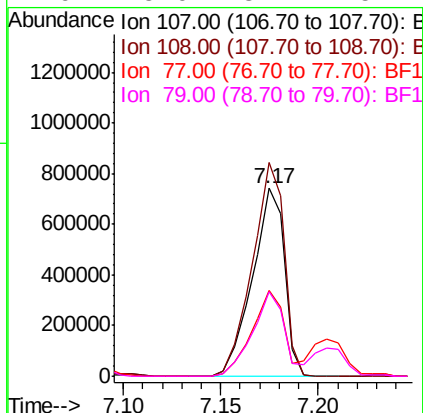
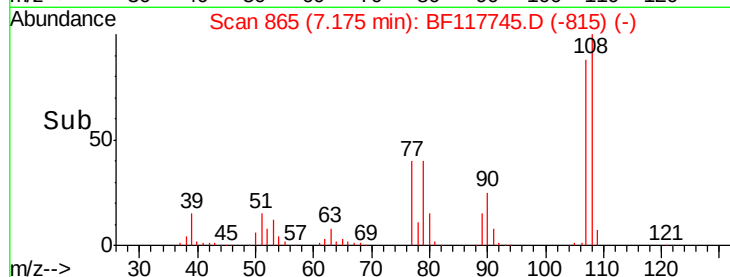
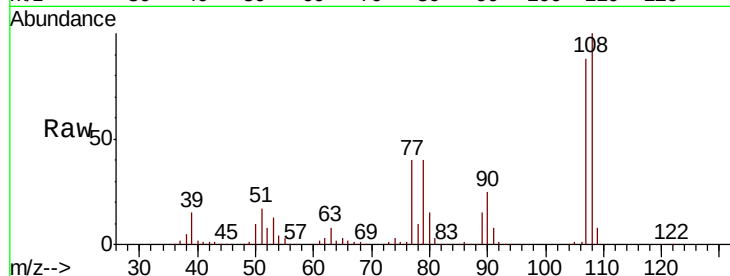
#17
2-Methylphenol
Concen: 47.069 ng
RT: 7.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

Tot Ion	107	Resp	842009
Ion	Ratio	Lower	Upper
107	100		
108	113.7	91.1	136.7
77	45.9	35.8	53.8
79	45.0	34.1	51.1

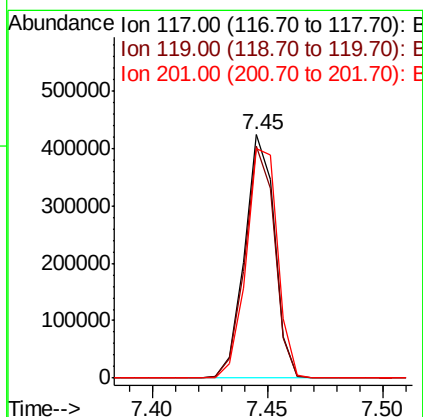
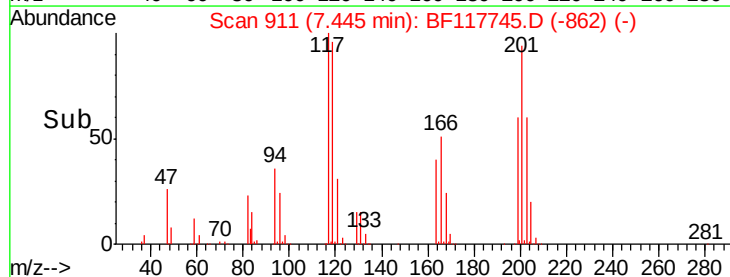
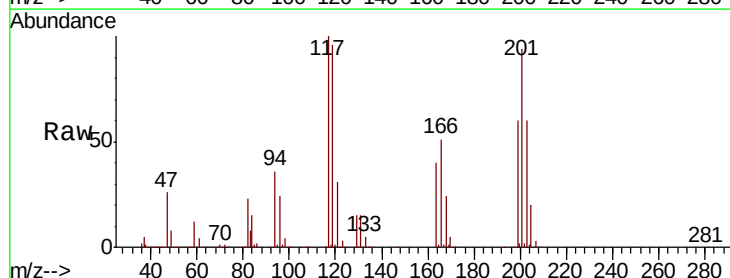
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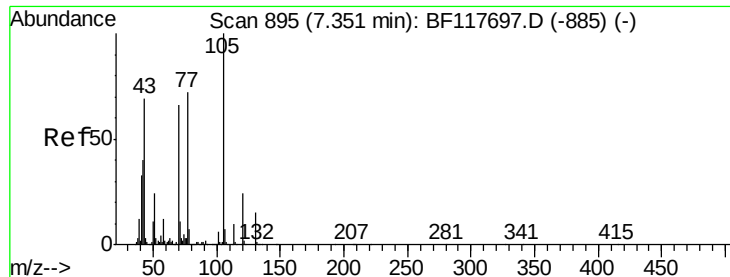
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#18
Hexachloroethane
Concen: 42.906 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	117	Resp	383303
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.7	116.5
201	94.2	83.2	124.8





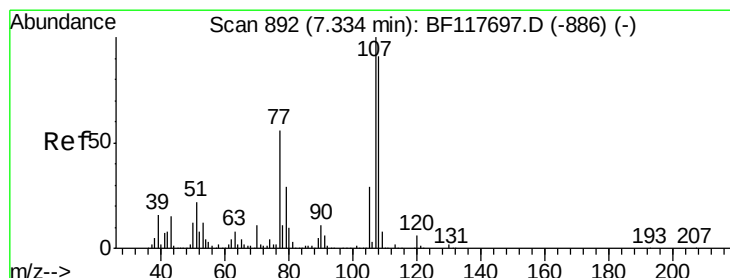
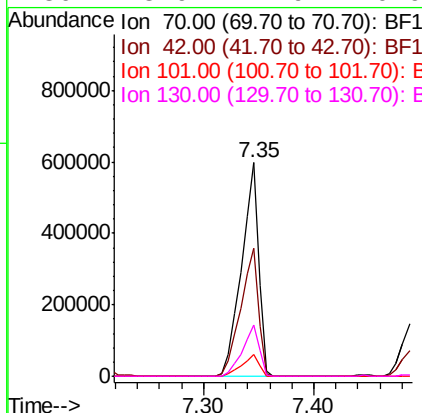
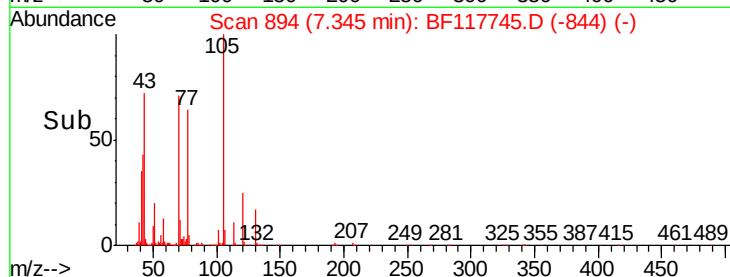
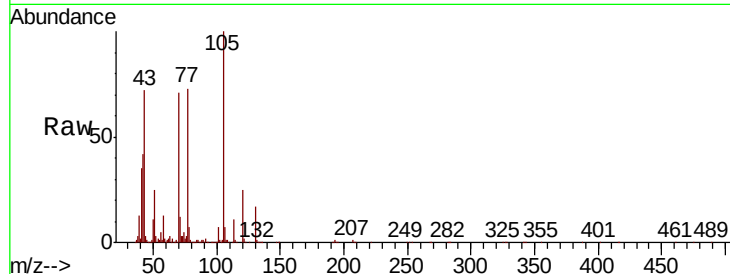
#19
n-Nitroso-di-n-propylamine
Concen: 43.132 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.1	49.1	73.7	
101	10.0	7.8	11.8	
130	23.9	17.9	26.9	

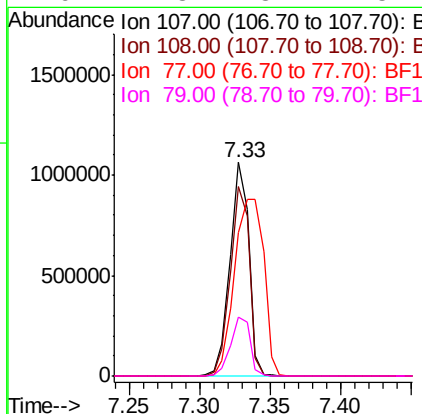
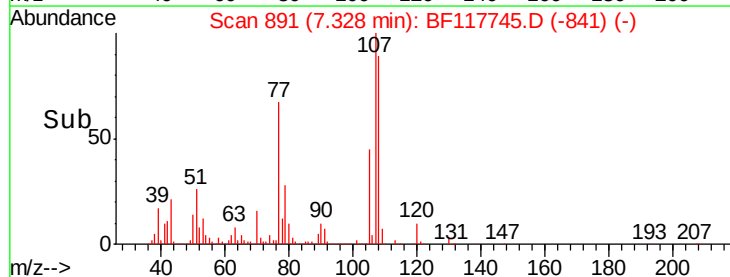
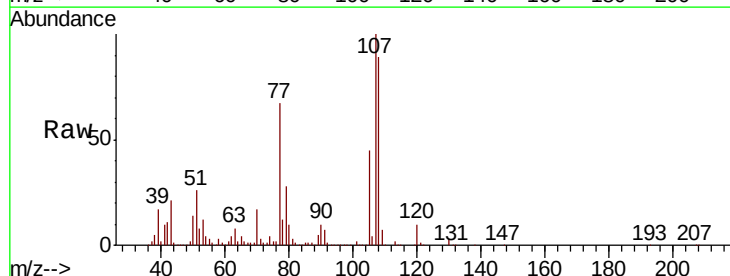
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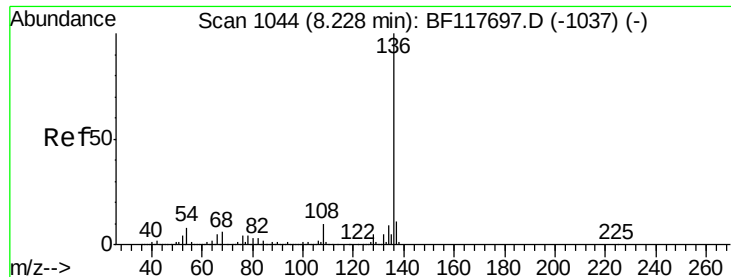
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#20
3+4-Methylphenols
Concen: 46.466 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.0	70.5	110.5	
77	67.3	35.6	75.6	
79	27.8	8.7	48.7	





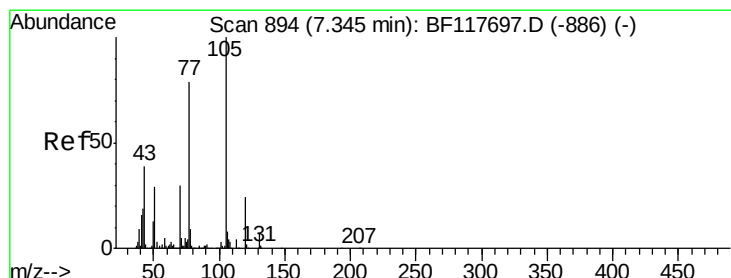
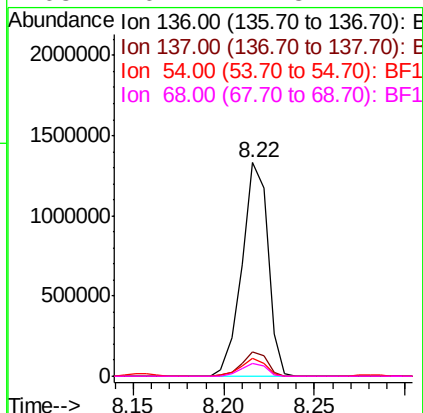
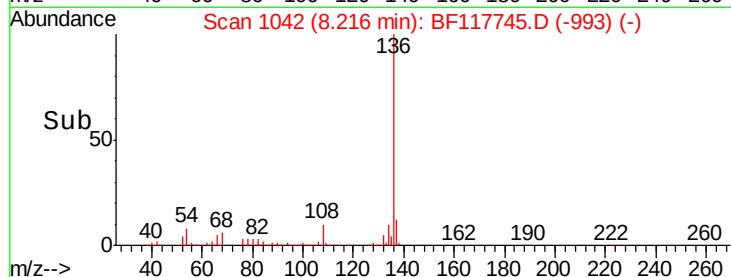
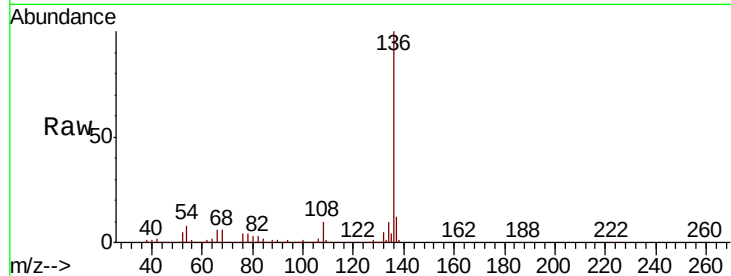
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1326433		
137	11.6		8.8	13.2	
54	8.3		6.0	9.0	
68	6.2		4.8	7.2	

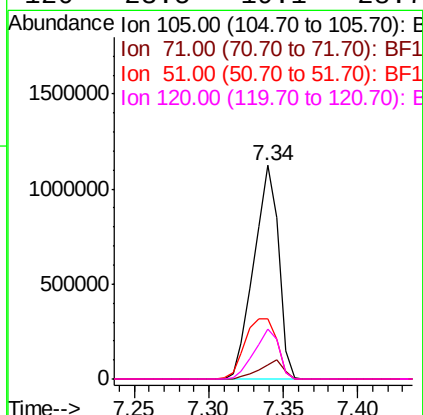
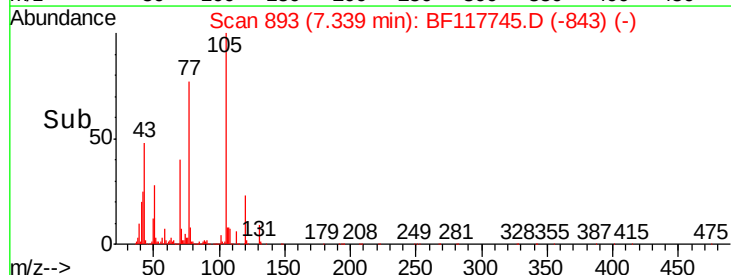
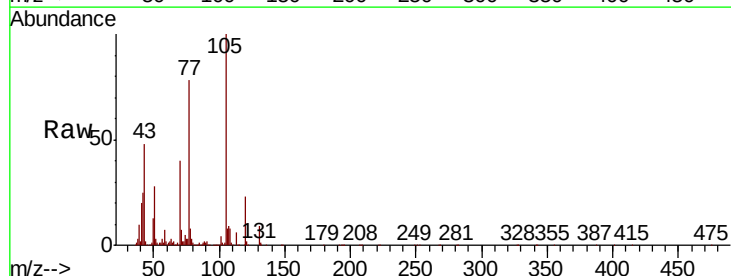
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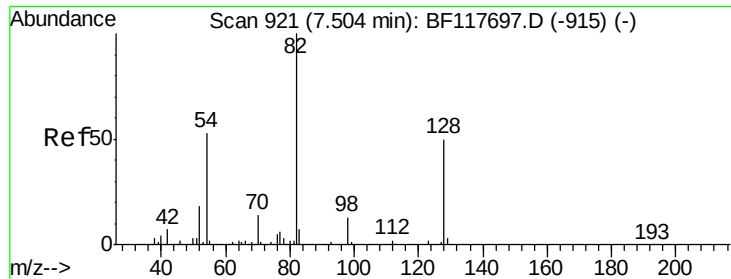
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#22
Acetophenone
Concen: 42.246 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1280748		
71	6.9		3.9	5.9#	
51	27.9		23.0	34.4	
120	23.5		19.1	28.7	





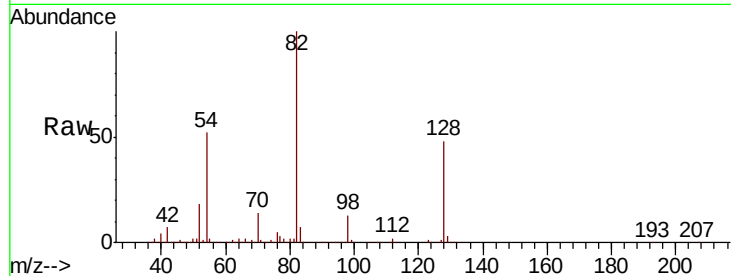
#23
Nitrobenzene-d5
Concen: 79.748 ng
RT: 7.49 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.2	40.2	60.2
54	52.1	42.0	63.0

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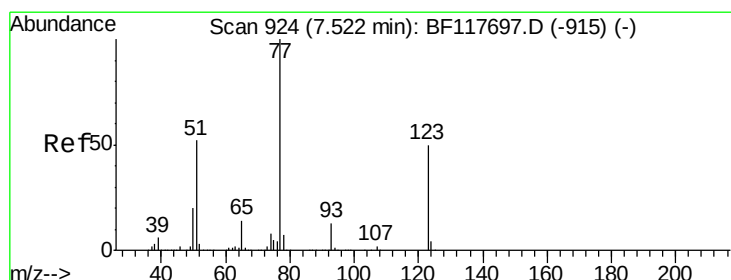
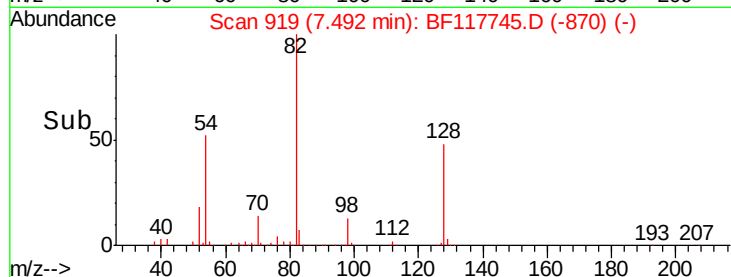
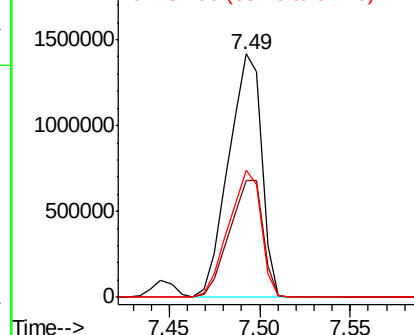


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 44.599 ng
RT: 7.52 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

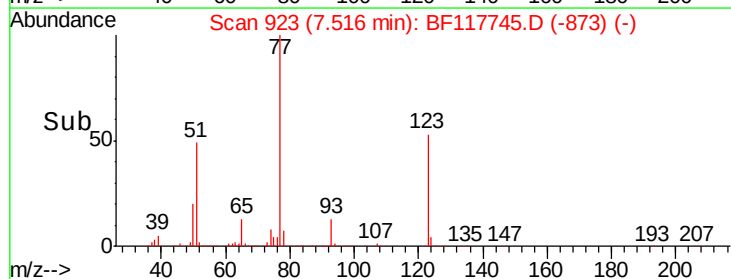
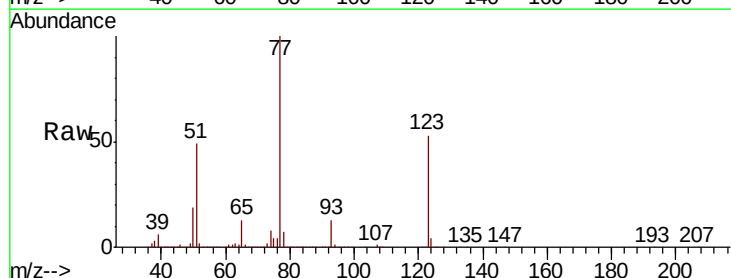
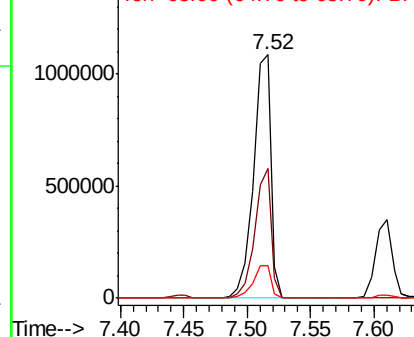
Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.2	40.4	60.6
65	13.3	10.8	16.2

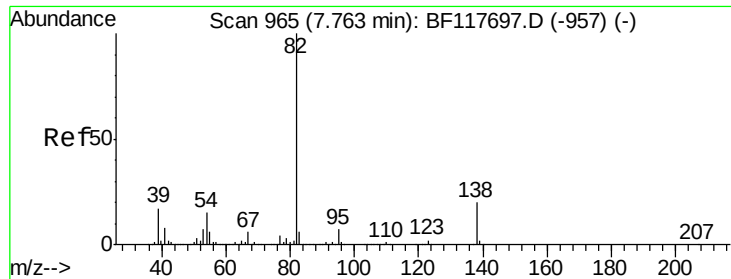
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 44.742 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

Tot Ion: 82 Resp: 1922628

Ion Ratio Lower Upper

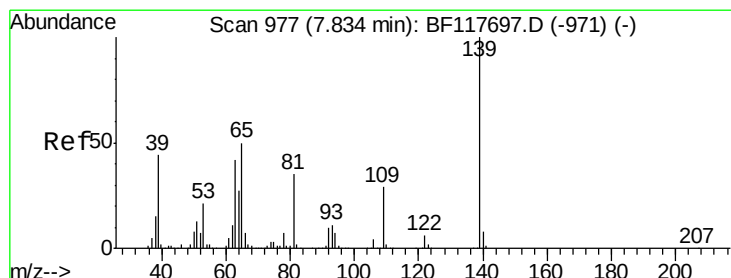
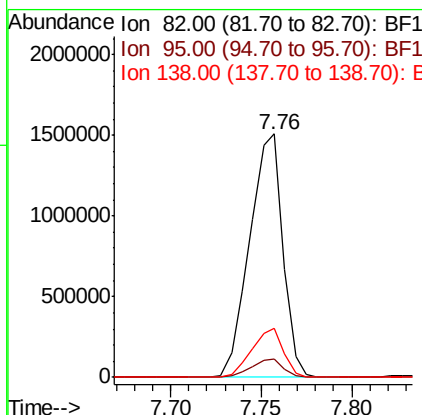
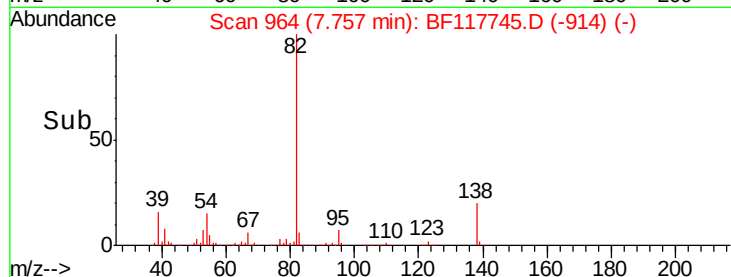
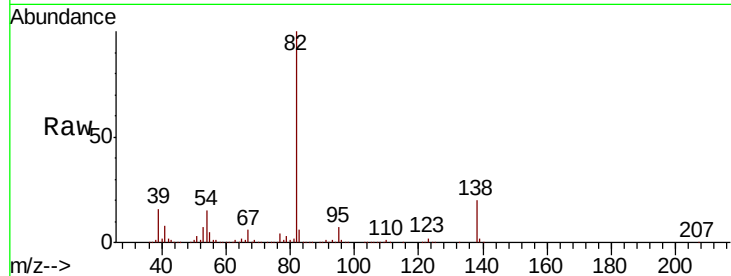
82 100

95 7.4 5.8 8.6

138 20.2 16.2 24.2

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#26

2-Nitrophenol

Concen: 51.062 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

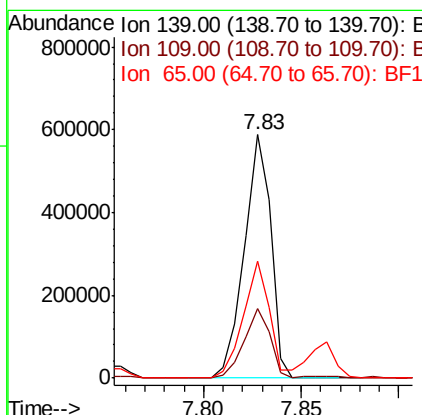
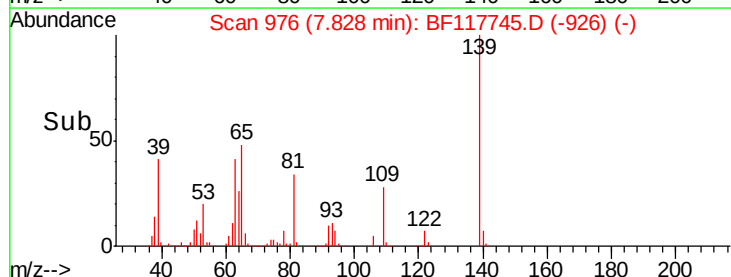
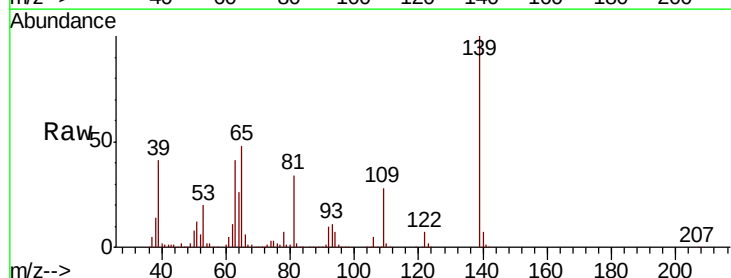
Tgt Ion: 139 Resp: 556146

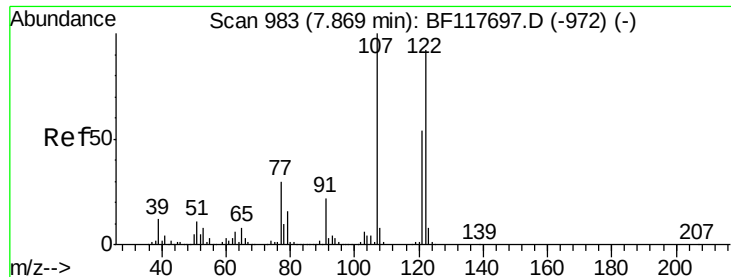
Ion Ratio Lower Upper

139 100

109 28.5 22.8 34.2

65 48.0 40.2 60.4





#27

2,4-Dimethylphenol

Concen: 52.663 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

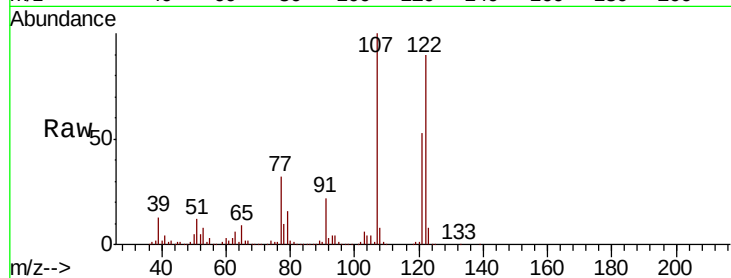
ClientSampleId :

3-CMS

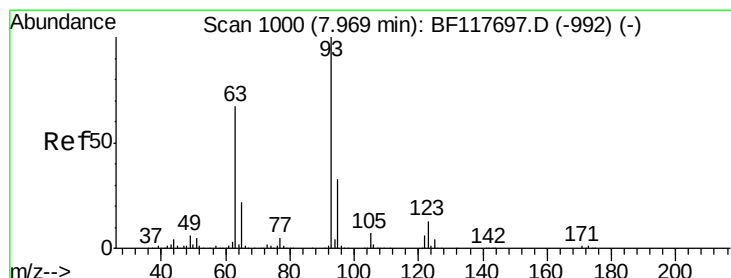
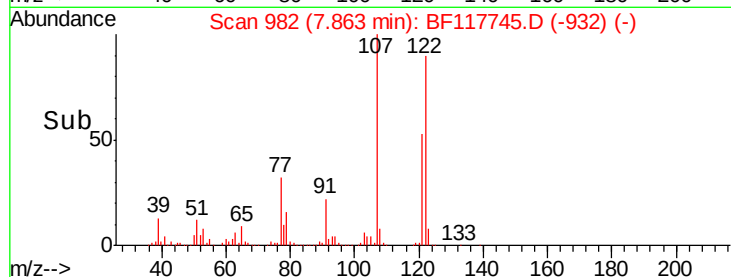
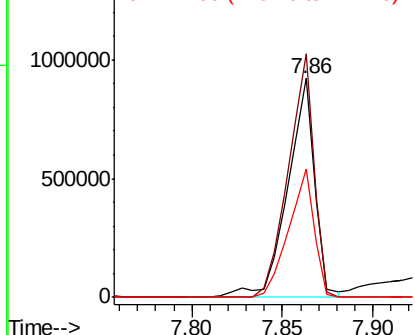
Tot Ion:	122	Resp:	967147
Ion Ratio	Lower	Upper	
122	100		
107	111.3	87.1	130.7
121	58.9	46.9	70.3

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.131 ng

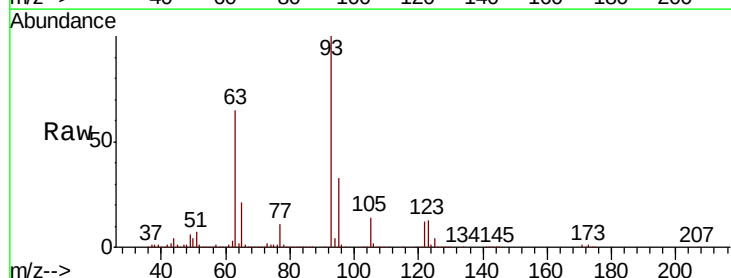
RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

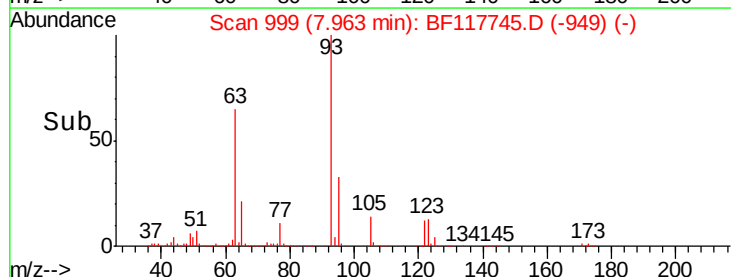
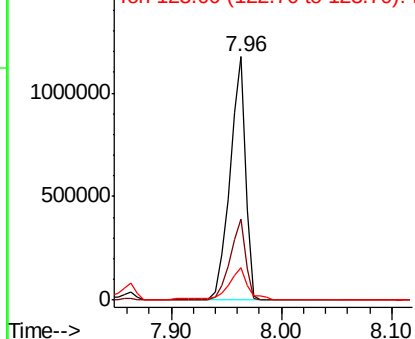
Lab File: BF117745.D

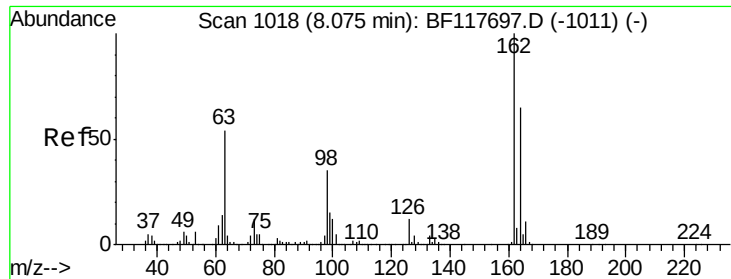
Acq: 8 Nov 2019 21:37

Tgt Ion:	93	Resp:	1162142
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.8	40.2
123	13.3	10.4	15.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





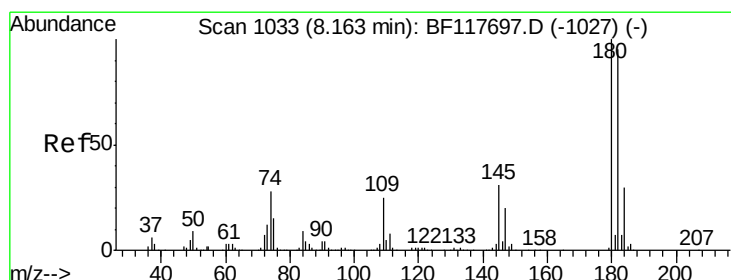
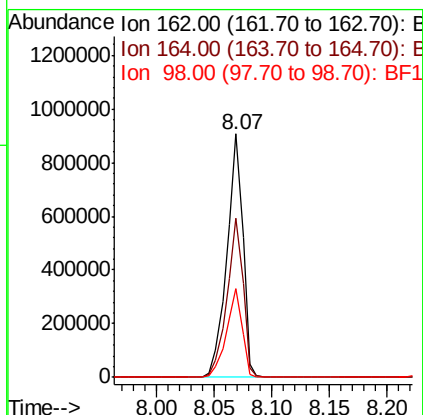
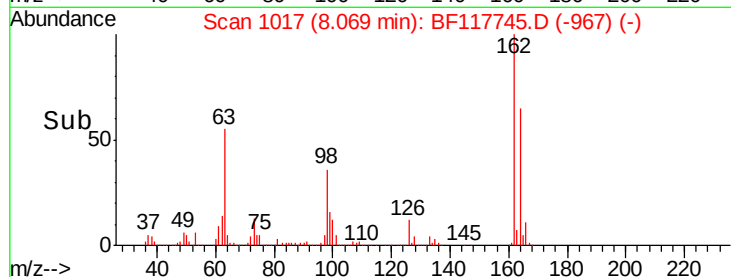
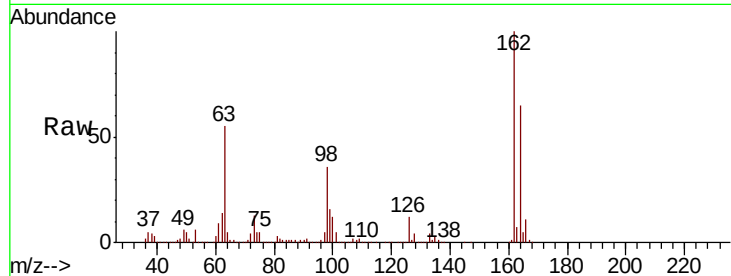
#29
2,4-Dichlorophenol
Concen: 46.141 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	45.4	85.4
98	36.4	15.5	55.5

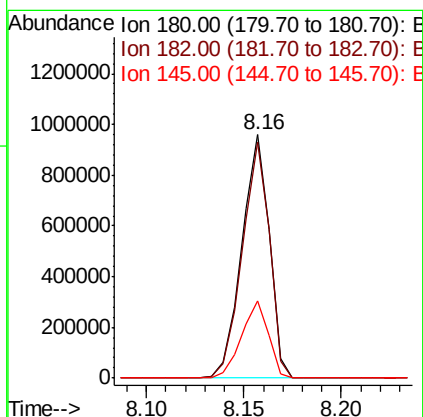
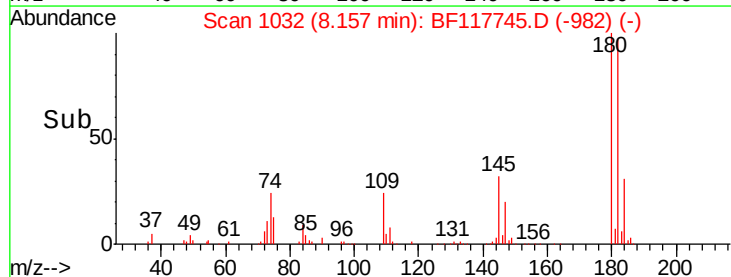
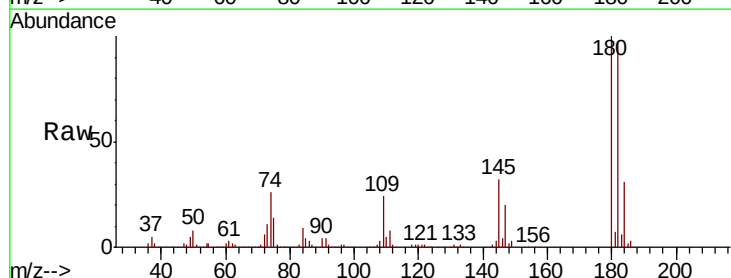
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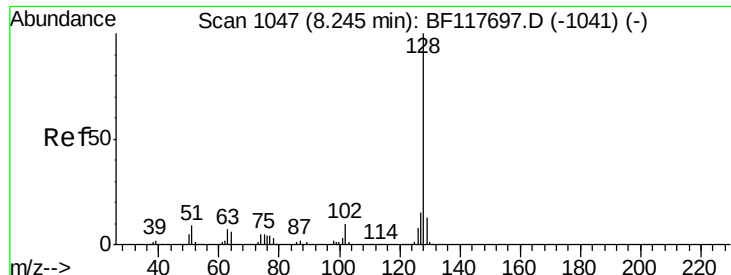
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#30
1,2,4-Trichlorobenzene
Concen: 43.014 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.0	114.0
145	31.5	25.0	37.4





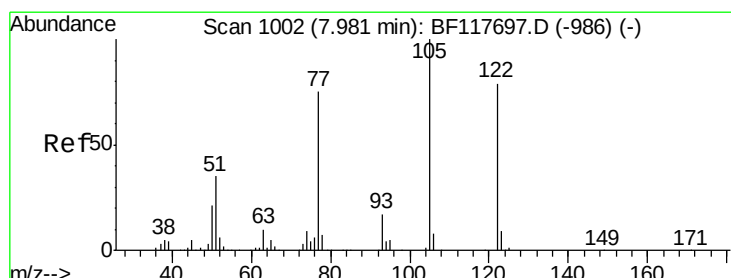
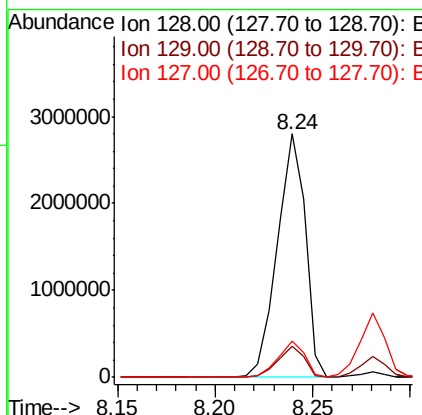
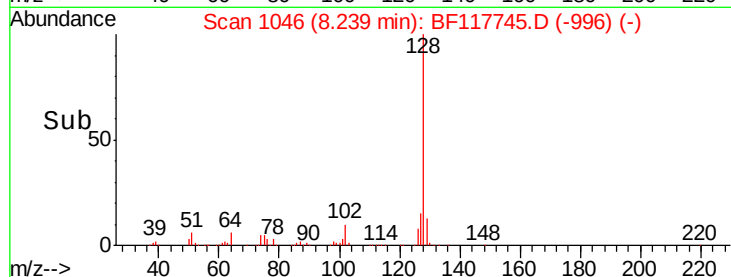
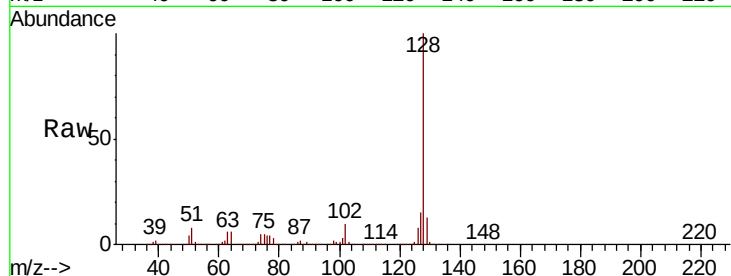
#31
Naphthalene
Concen: 45.920 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tot Ion:128 Resp: 2784082
Ion Ratio Lower Upper
128 100
129 12.5 10.1 15.1
127 14.7 11.8 17.6

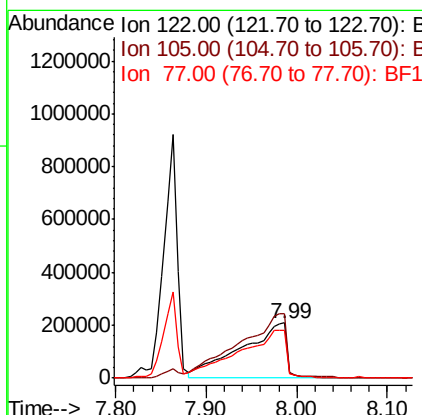
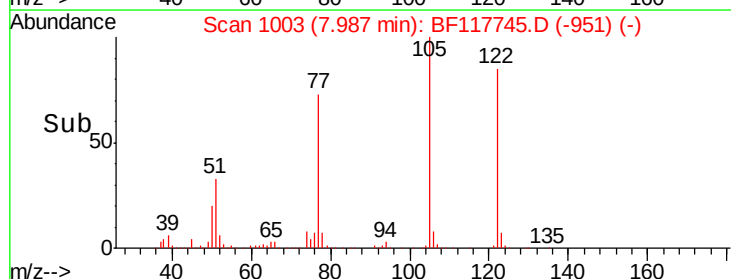
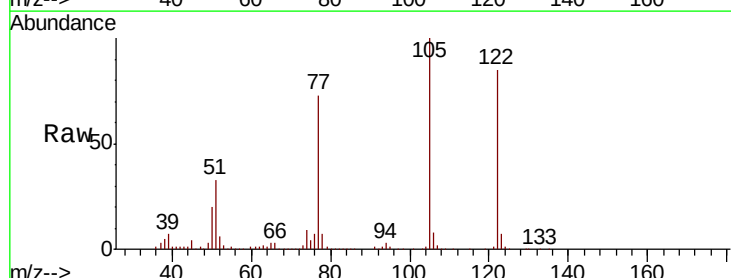
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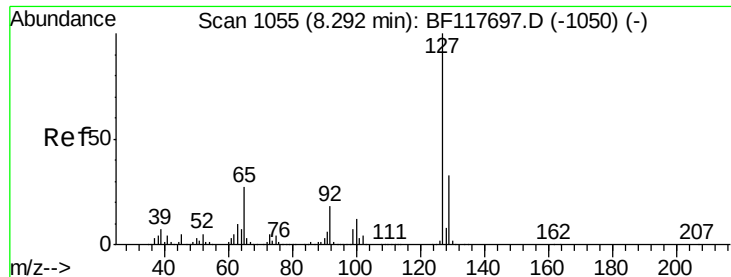
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#32
Benzoic acid
Concen: 50.364 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:122 Resp: 732156
Ion Ratio Lower Upper
122 100
105 117.5 102.8 142.8
77 86.1 73.2 113.2





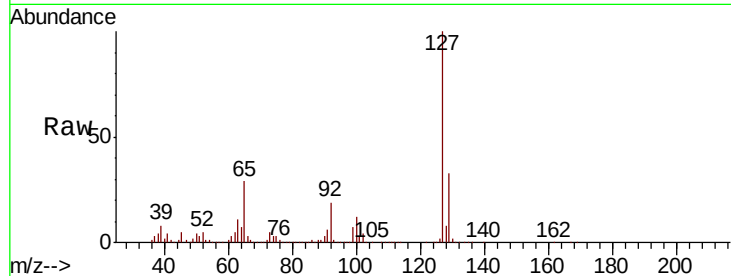
#33
4-Chloroaniline
Concen: 24.377 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

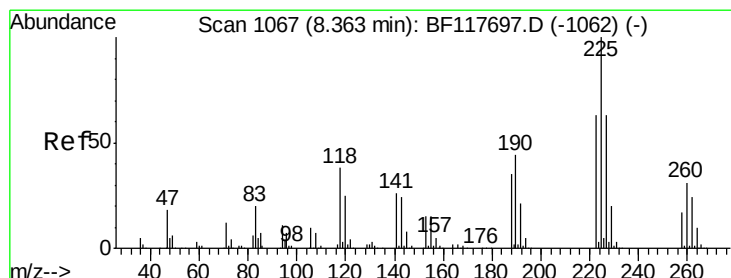
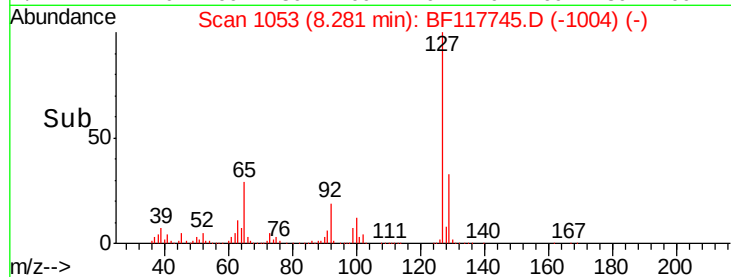
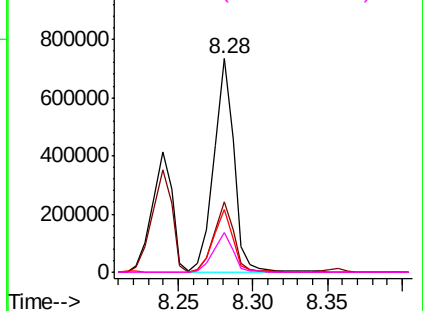
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		686736		
129	33.1	26.6	39.8		
65	29.4	21.7	32.5		
92	18.6	14.1	21.1		

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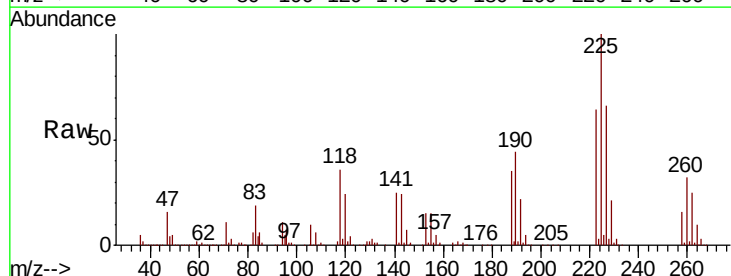


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

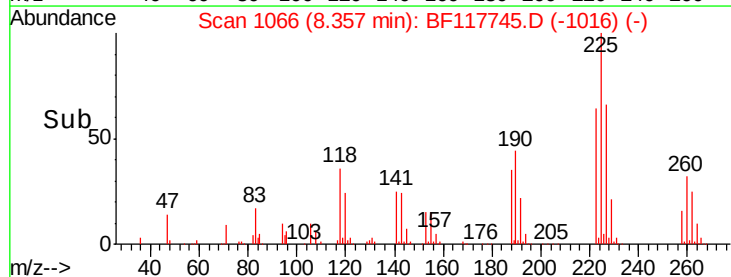
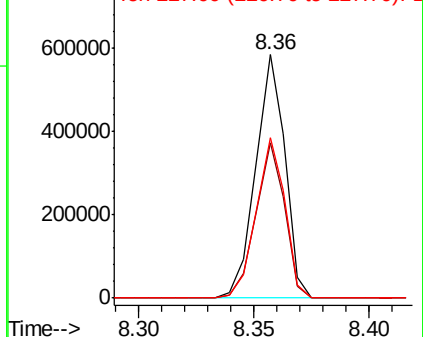


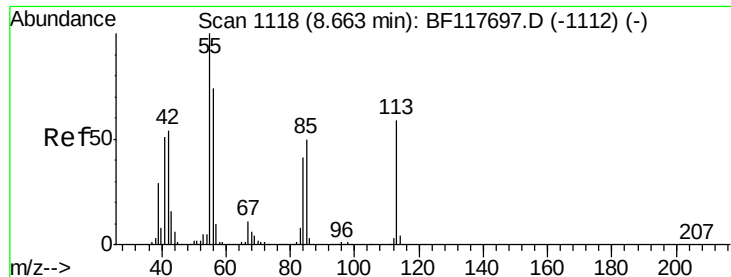
#34
Hexachlorobutadiene
Concen: 41.572 ng
RT: 8.36 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		515642		
223	63.9	50.1	75.1		
227	65.9	50.2	75.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 49.352 ng/ml

RT: 8.66 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

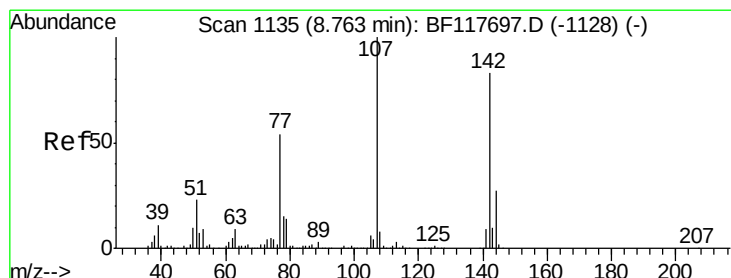
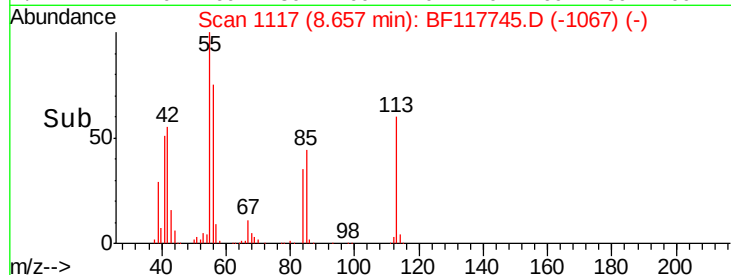
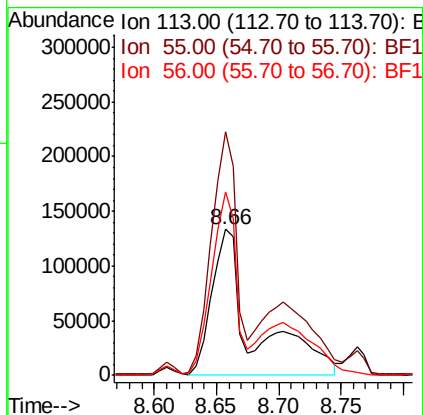
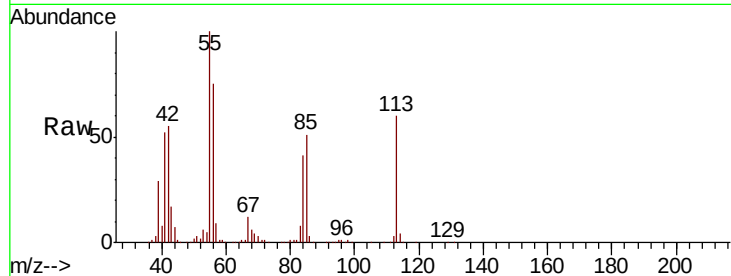
ClientSampled :

3-CMS

Tot Ion:	113	Resp:	309495
Ion Ratio	Lower	Upper	
113	100		
55	166.8	150.5	190.5
56	125.5	106.2	146.2

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#36

4-Chloro-3-methylphenol

Concen: 48.434 ng/ml

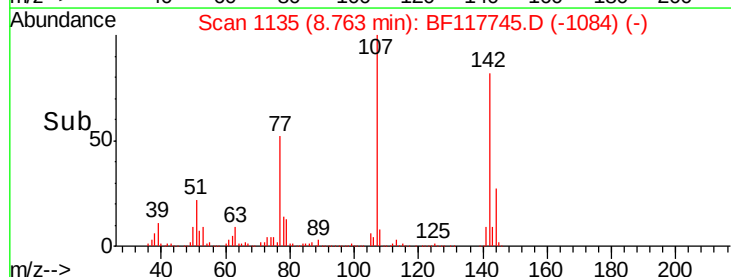
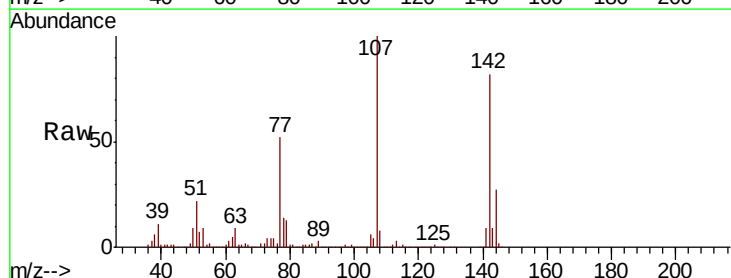
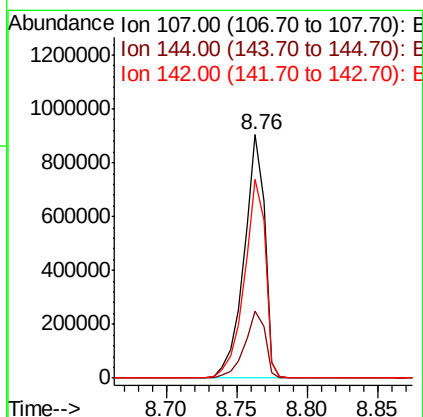
RT: 8.76 min Scan# 1135

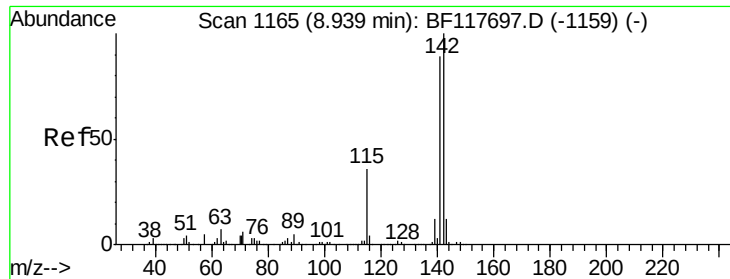
Delta R.T. 0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Tgt Ion:	107	Resp:	924724
Ion Ratio	Lower	Upper	
107	100		
144	27.3	21.5	32.3
142	81.6	66.7	100.1





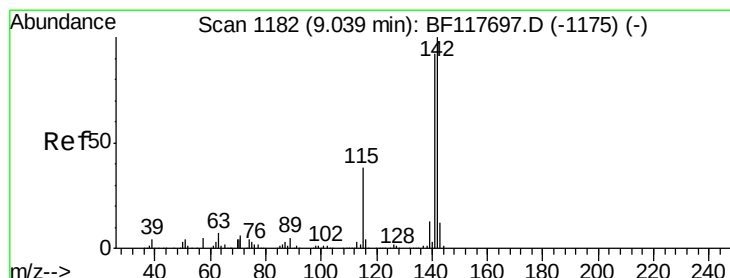
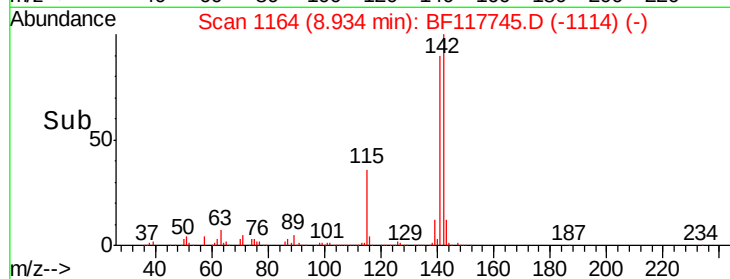
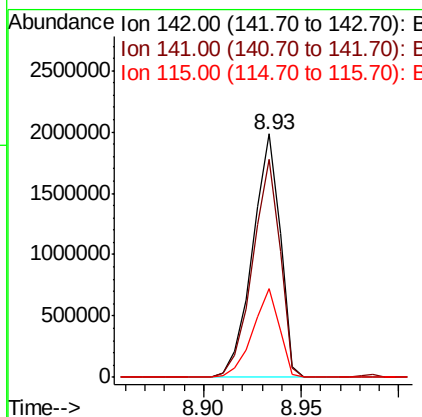
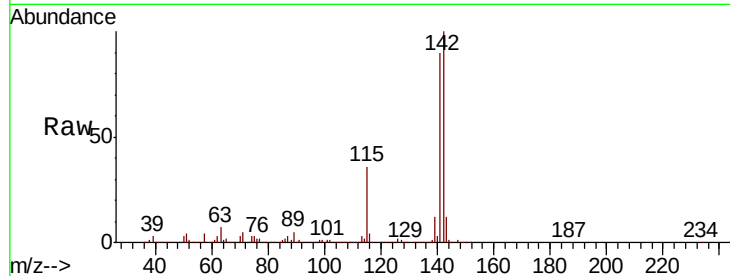
#37
2-Methylnaphthalene
Concen: 47.113 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

Tot Ion:142 Resp: 1944575
Ion Ratio Lower Upper
142 100
141 89.7 71.5 107.3
115 36.3 28.9 43.3

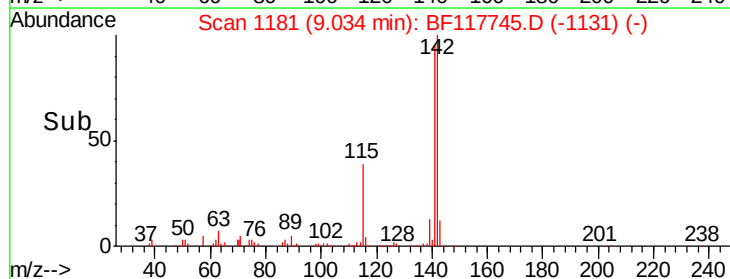
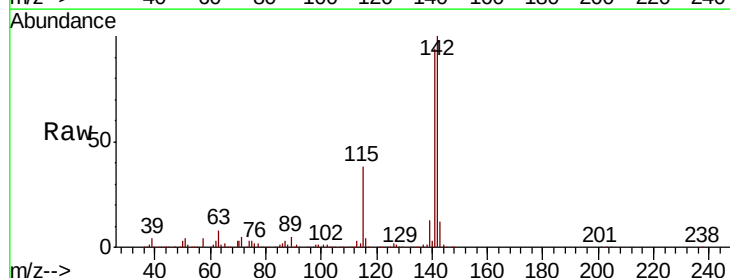
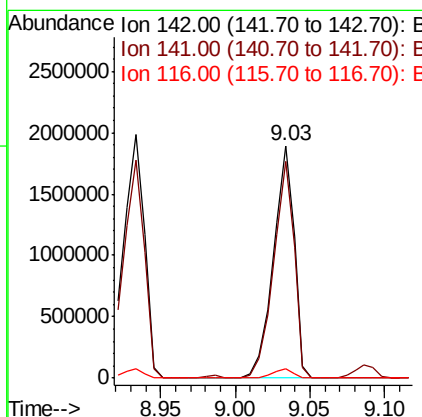
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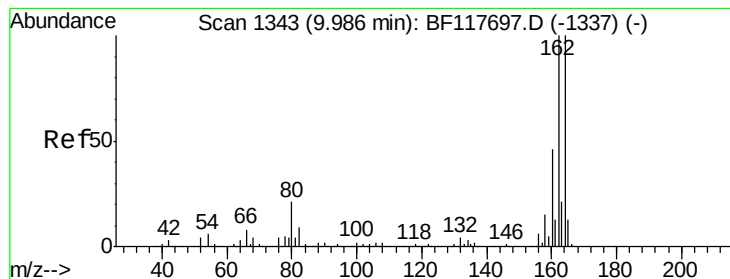
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#38
1-Methylnaphthalene
Concen: 46.755 ng
RT: 9.03 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:142 Resp: 1832618
Ion Ratio Lower Upper
142 100
141 93.5 73.3 109.9
116 4.1 3.2 4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

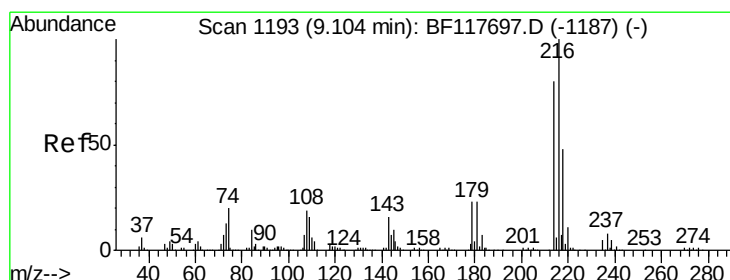
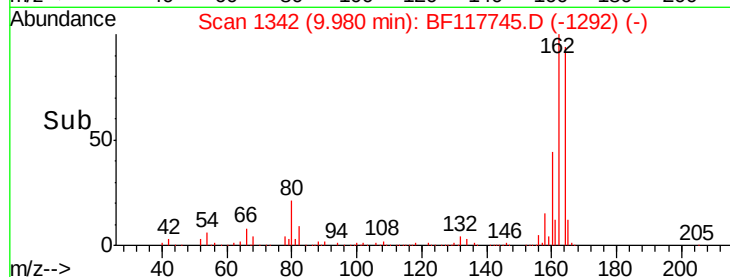
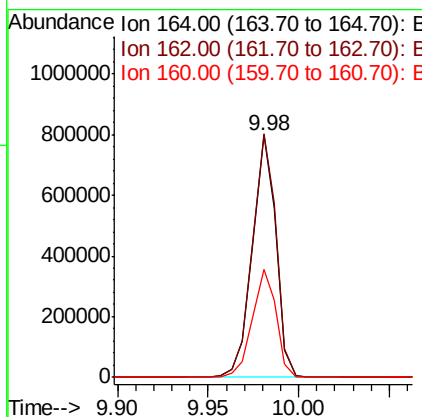
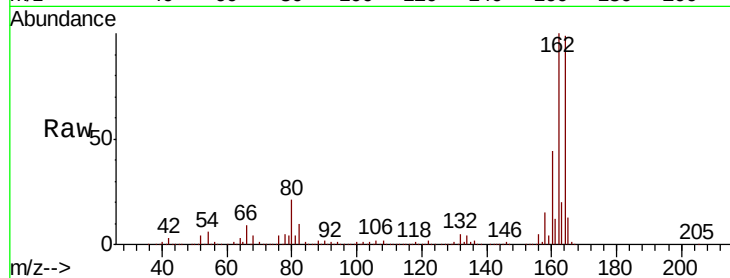
ClientSampleId :

3-CMS

Tot Ion:	164	Resp:	718190
Ion	Ratio	Lower	Upper
164	100		
162	100.7	79.7	119.5
160	44.6	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.826 ng

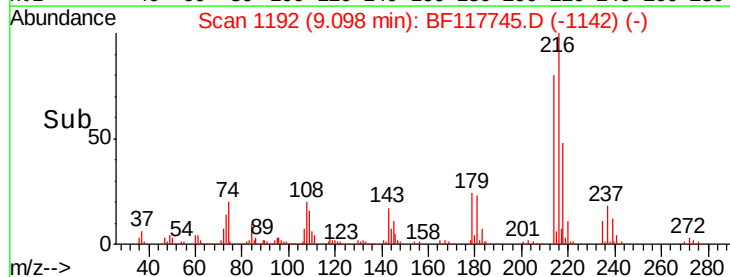
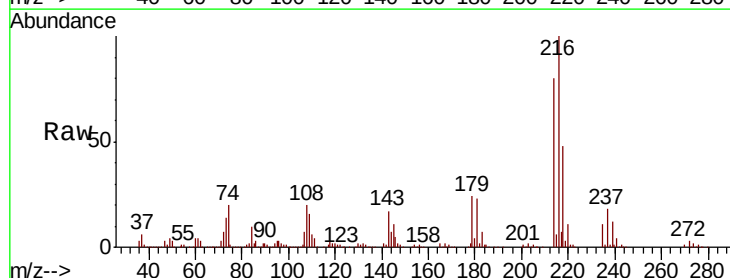
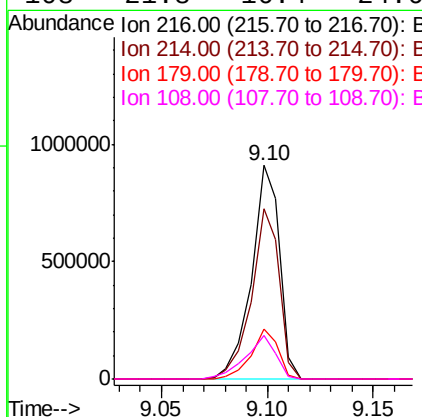
RT: 9.10 min Scan# 1192

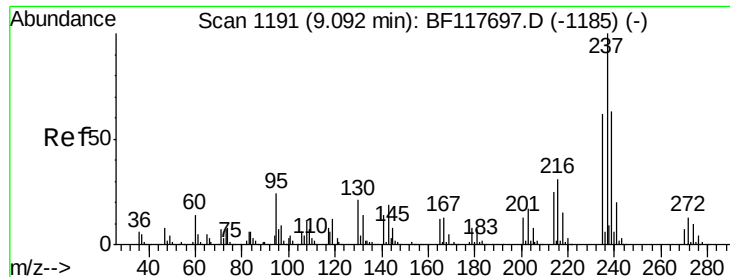
Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Tgt Ion:	216	Resp:	841446
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.6	95.4
179	22.6	18.1	27.1
108	21.8	16.4	24.6





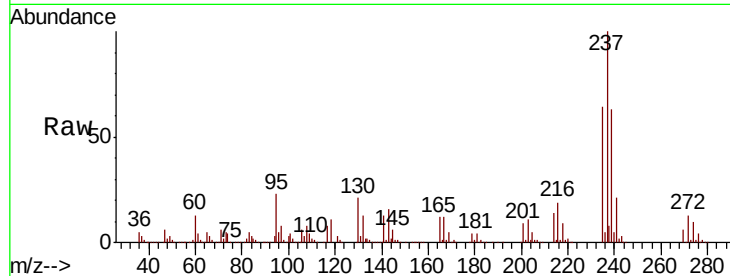
#41
Hexachlorocyclopentadiene
Concen: 81.764 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

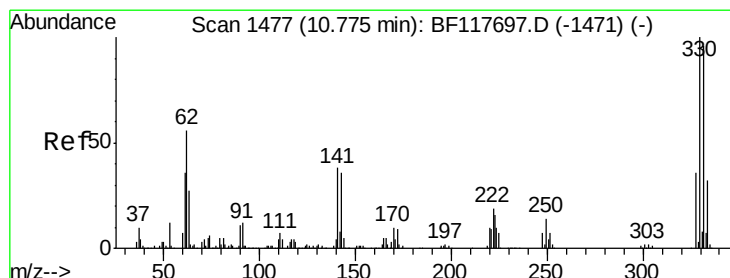
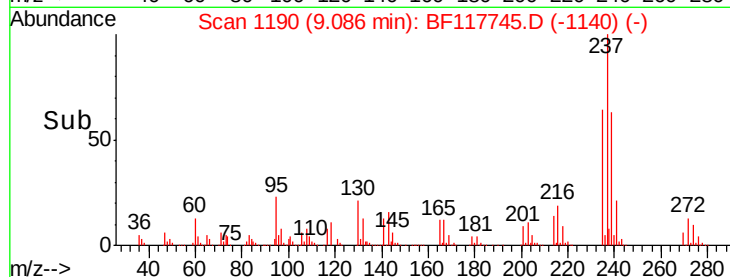
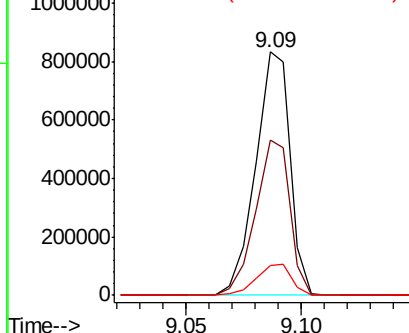
Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.7	42.2	82.2	
272	12.5	0.0	32.8	

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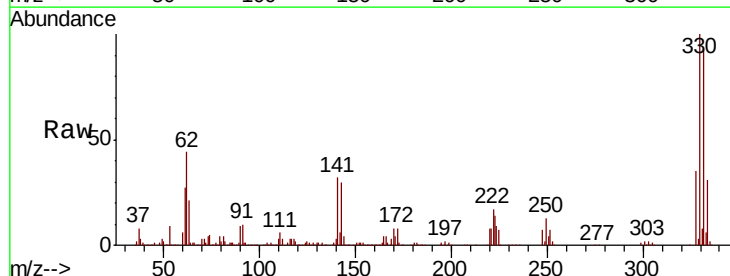


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

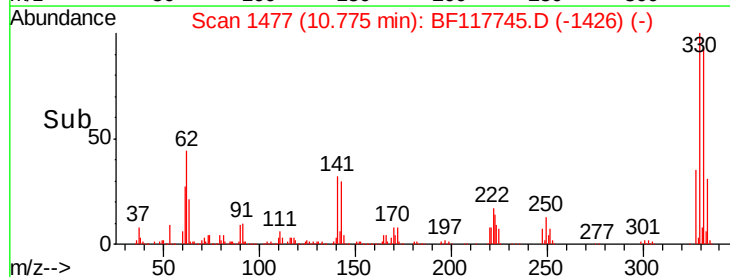
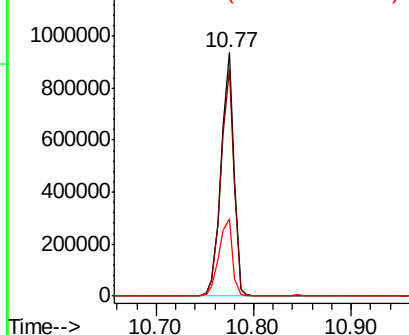


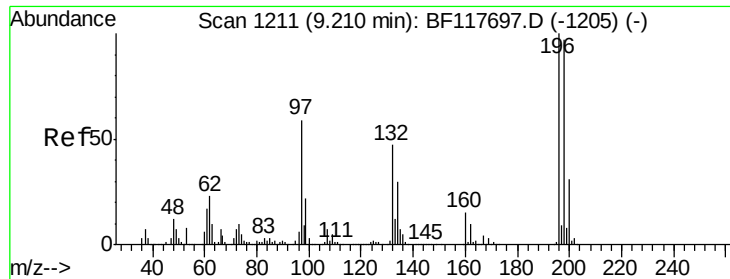
#42
2,4,6-Tribromophenol
Concen: 122.563 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.7	77.4	116.0	
141	33.2	28.0	42.0	



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





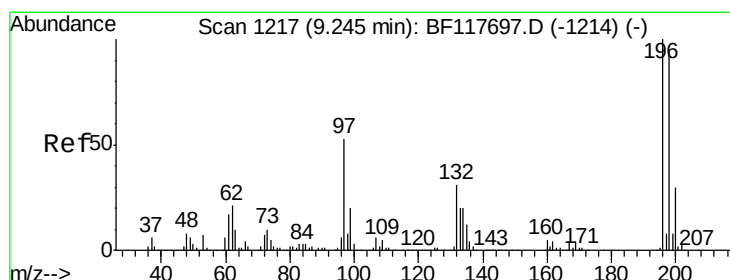
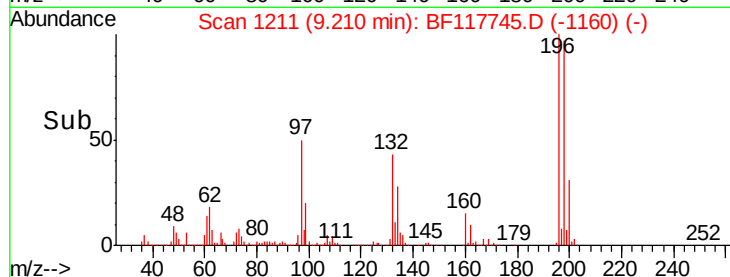
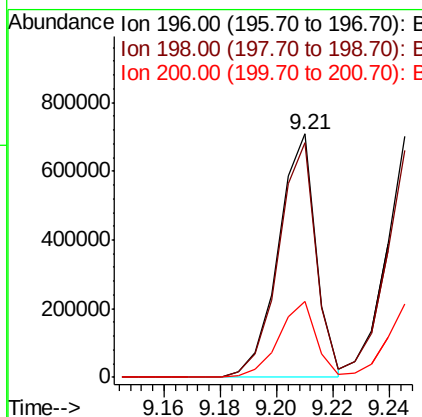
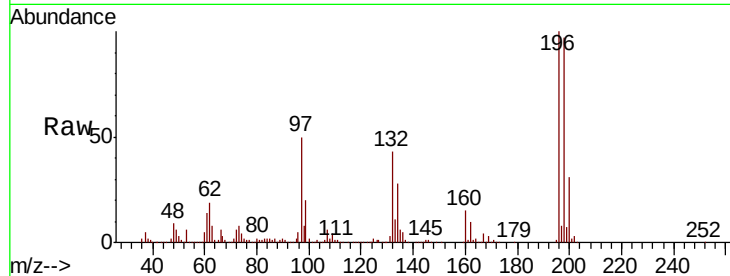
#43
2,4,6-Trichlorophenol
Concen: 45.902 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	656850		
198	96.5	77.8	116.6	
200	31.1	25.0	37.6	

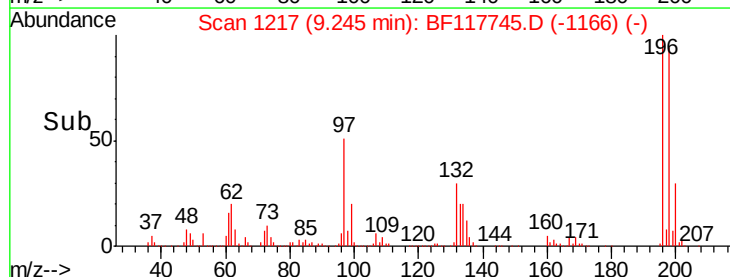
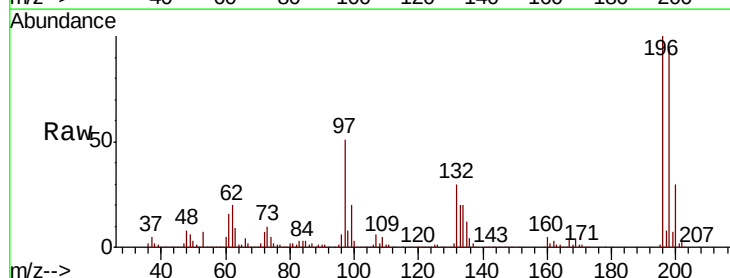
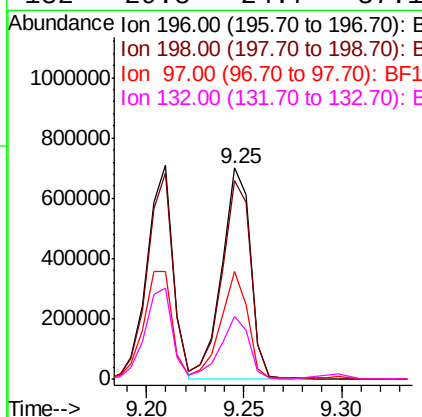
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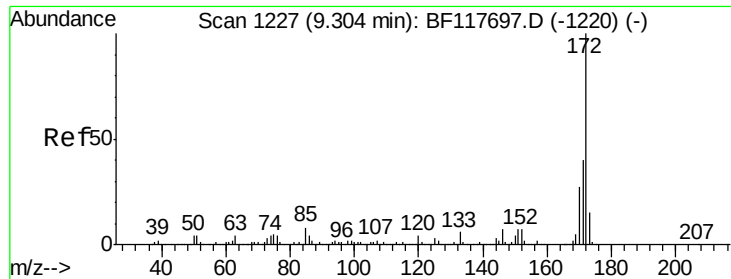
mohammad
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#44
2,4,5-Trichlorophenol
Concen: 48.974 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	710362		
198	94.1	75.4	113.0	
97	51.1	42.5	63.7	
132	29.8	24.7	37.1	





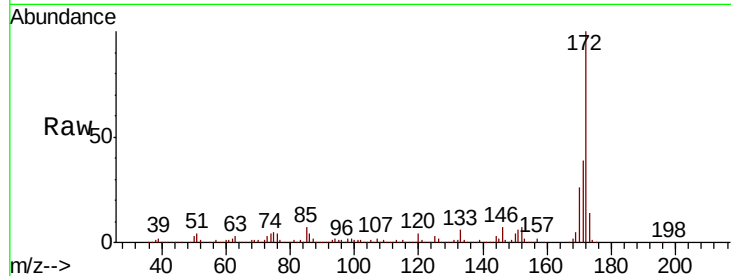
#45
2-Fluorobiphenyl
Concen: 85.199 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

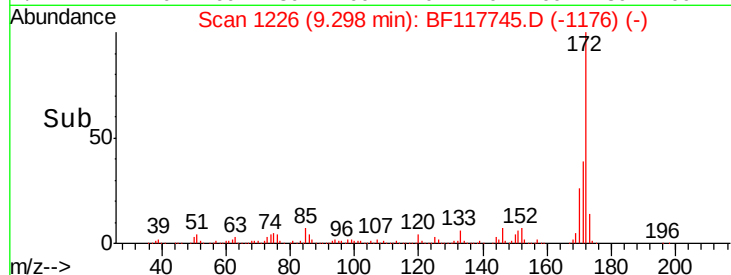
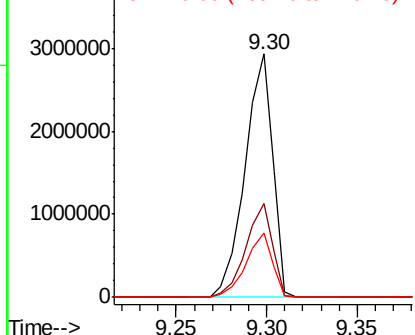
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	31.8	47.8
170	26.4	21.6	32.4

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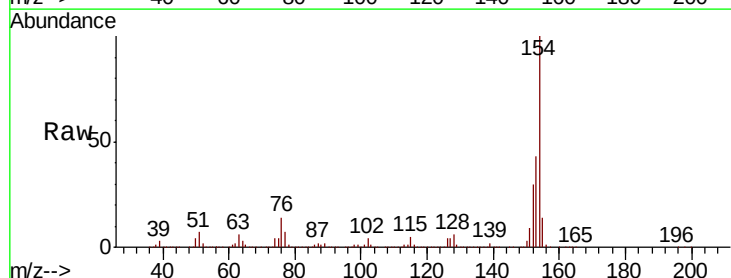
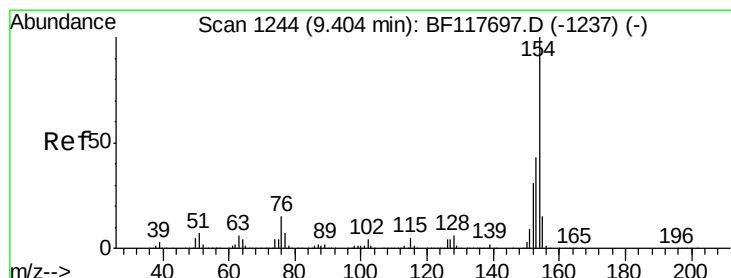
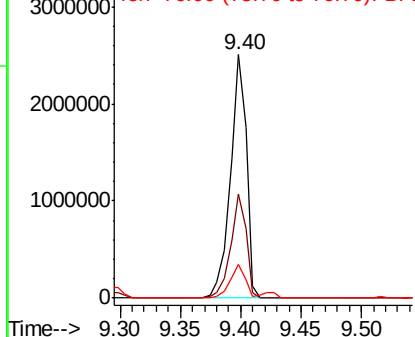
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

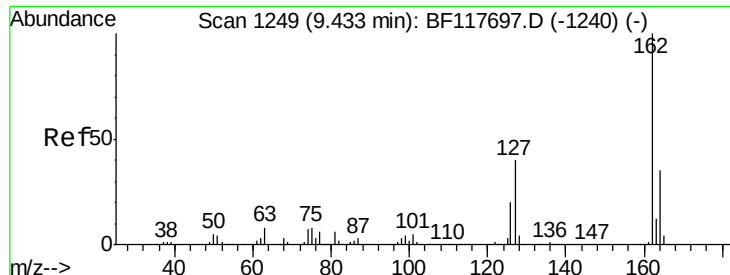


#46
1,1'-Biphenyl
Concen: 45.709 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	23.2	63.2
76	14.1	0.0	34.7

Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





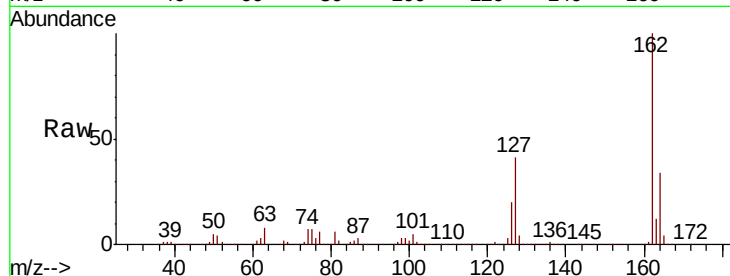
#47
2-Chloronaphthalene
Concen: 43.415 ng
RT: 9.43 min Scan# 1248
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

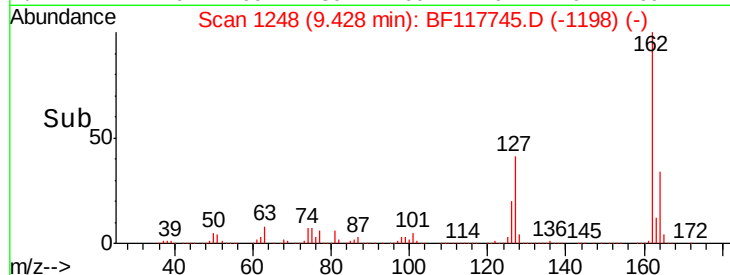
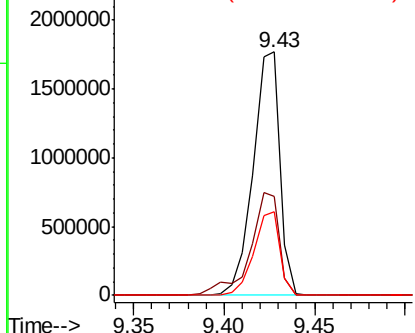
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	32.2	48.4
164	34.3	28.1	42.1

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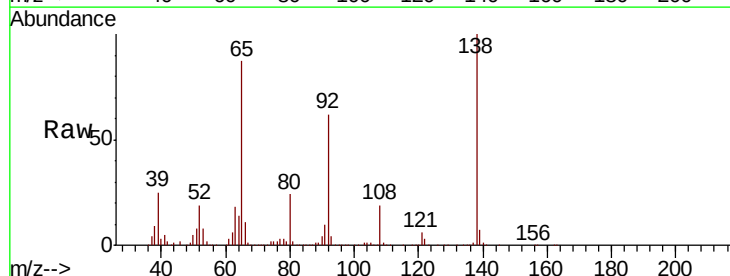
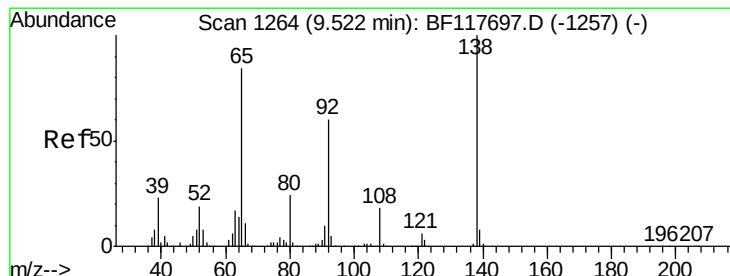
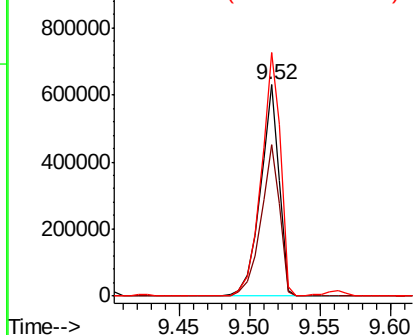
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

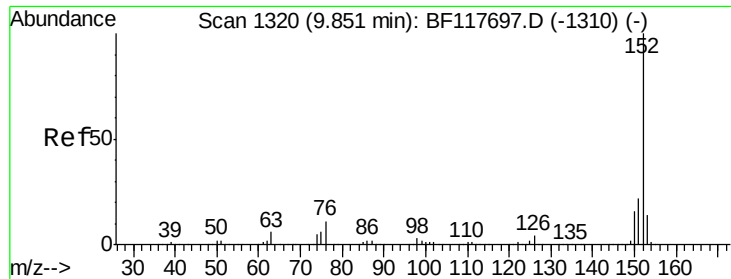


#48
2-Nitroaniline
Concen: 45.192 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.6	57.3	85.9
138	115.2	95.0	142.6

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





#49

Acenaphthylene

Concen: 47.839 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

Tot Ion:152 Resp: 2908071

Ion Ratio Lower Upper

152 100

151 22.7 17.8 26.6

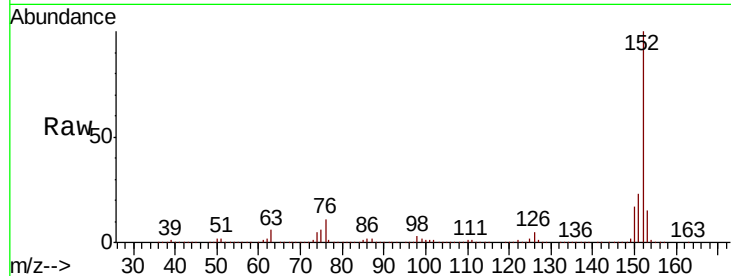
153 14.8 11.5 17.3

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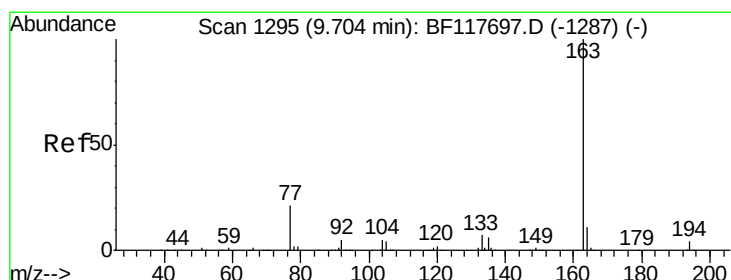
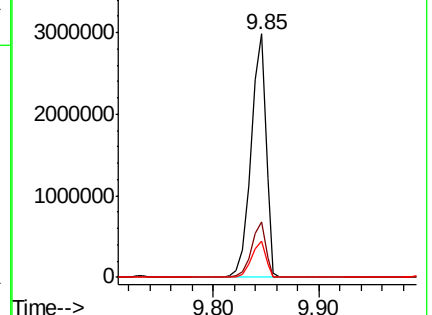
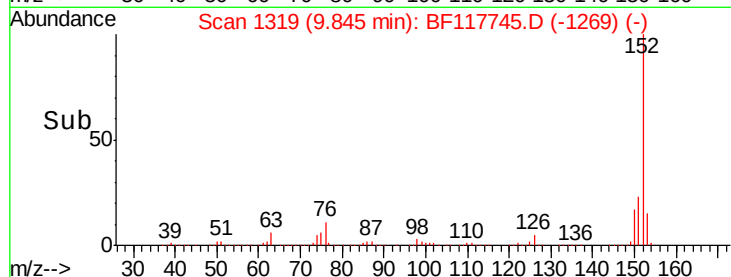
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 51.046 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

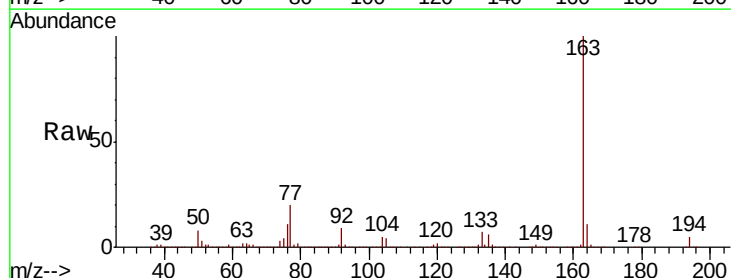
Tgt Ion:163 Resp: 2478382

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.0

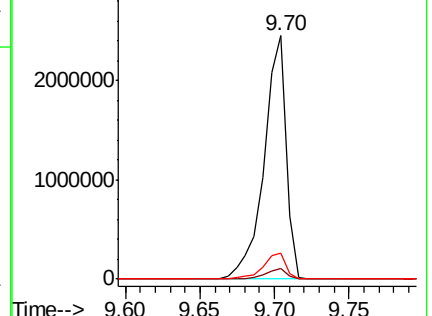
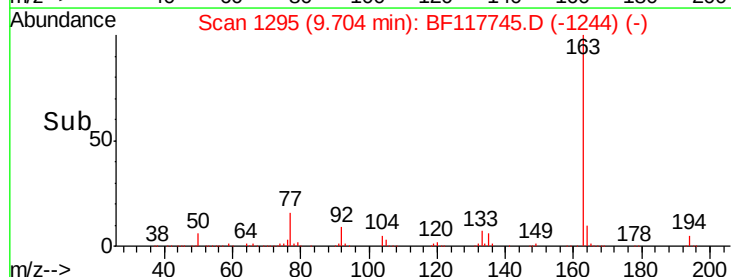
164 10.7 8.9 13.3

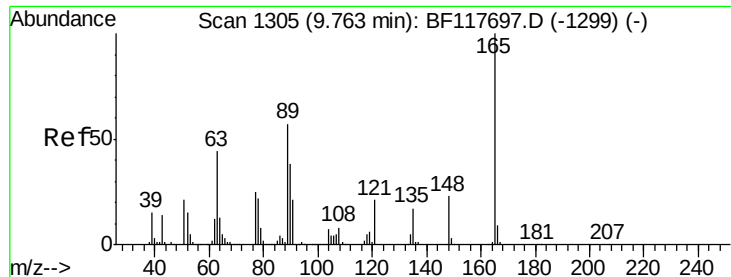


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





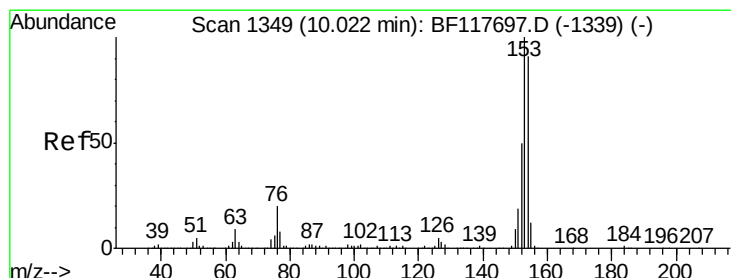
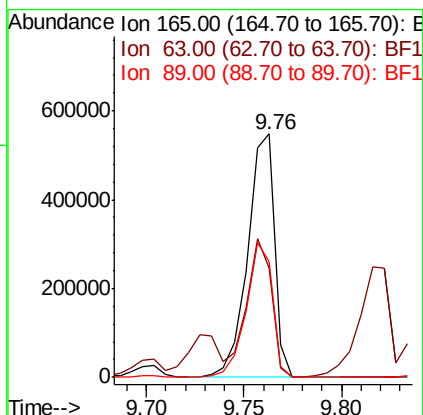
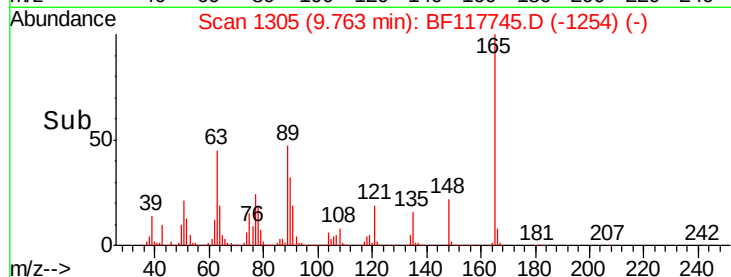
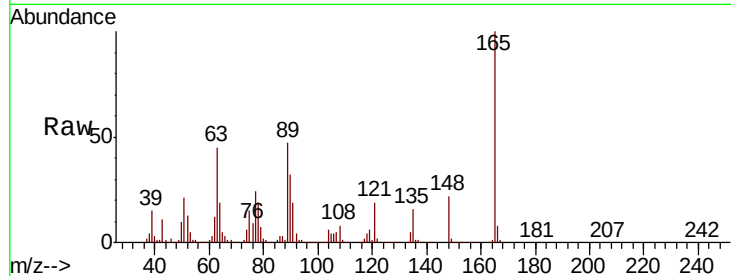
#51
 2,6-Dinitrotoluene
 Concen: 48.250 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.9	45.6	68.4#
89	47.5	45.8	68.6

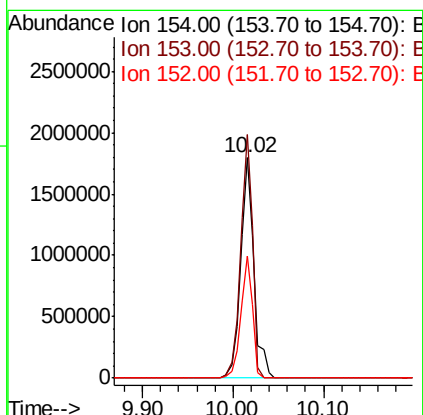
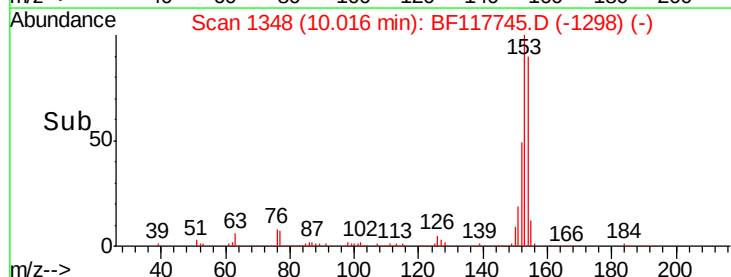
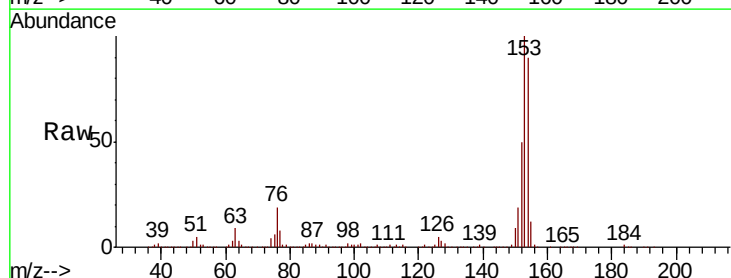
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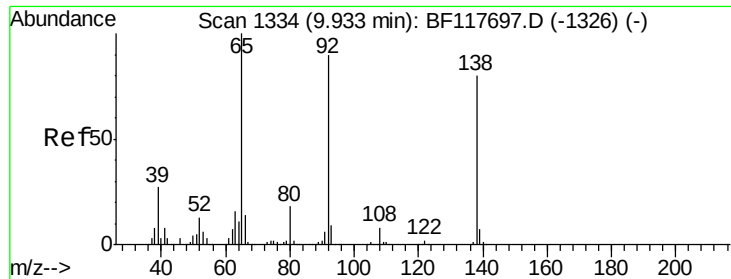
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#52
 Acenaphthene
 Concen: 47.334 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	87.8	131.6
152	55.3	43.5	65.3





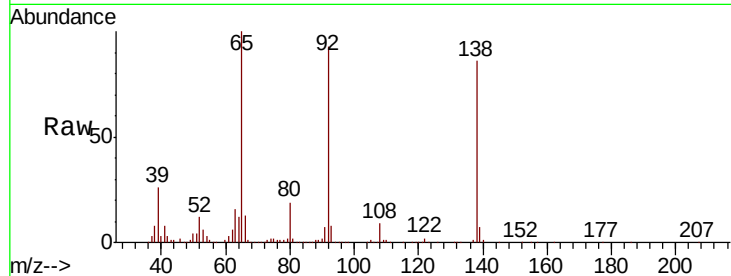
#53
3-Nitroaniline
Concen: 29.345 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.8	8.5	12.7
92	107.8	89.8	134.8

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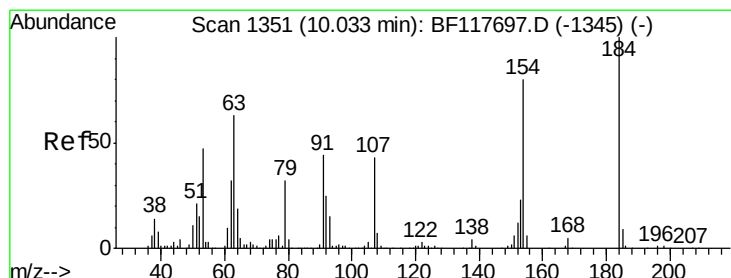
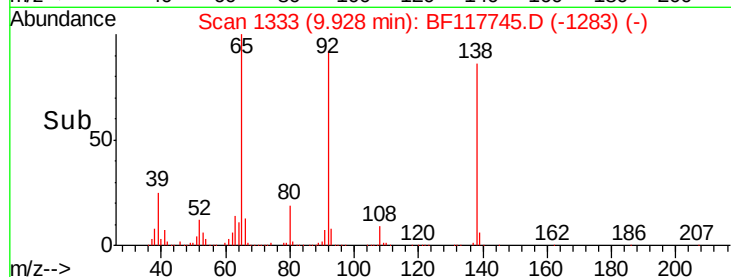
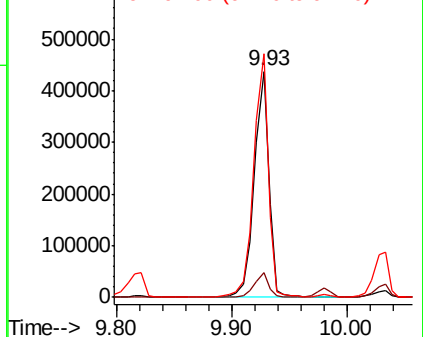


Abundance

Ion 138.00 (137.70 to 138.70): E

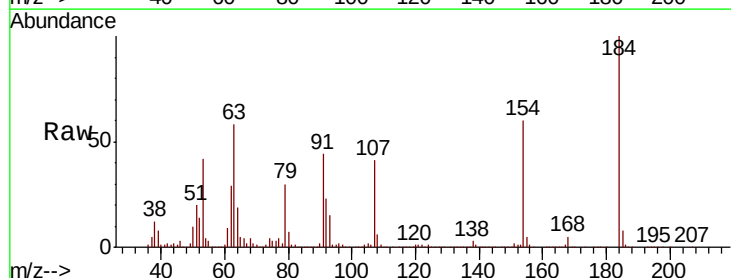
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 86.648 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	51.4	77.0
154	59.9	70.2	105.2#

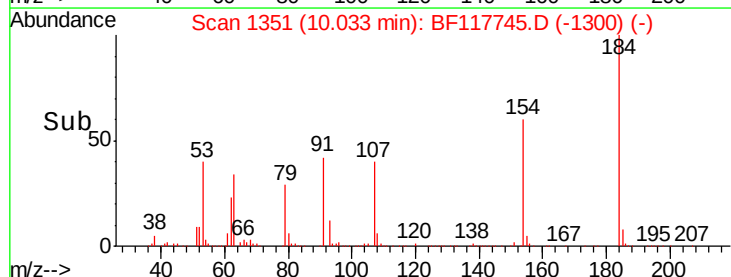
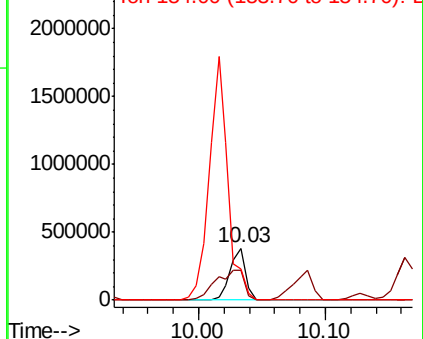


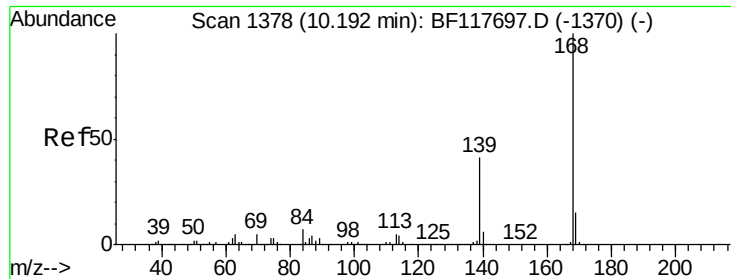
Abundance

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





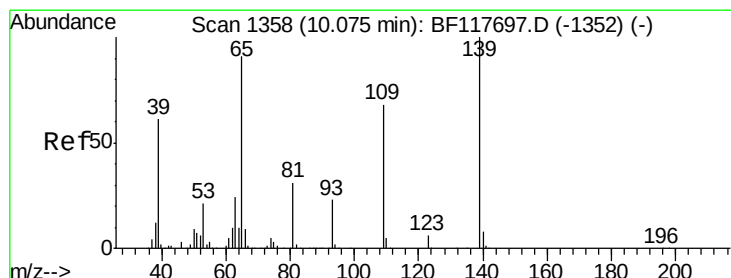
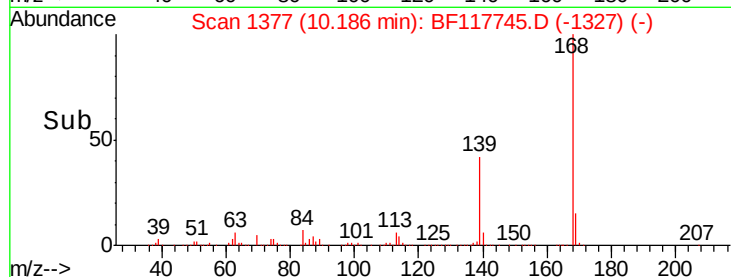
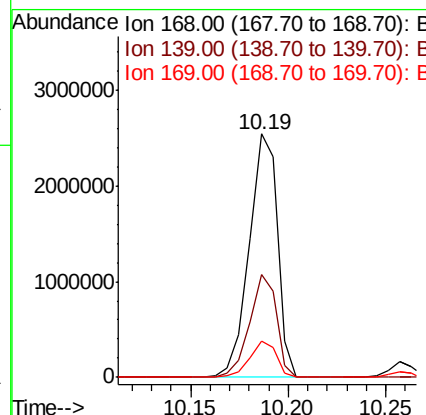
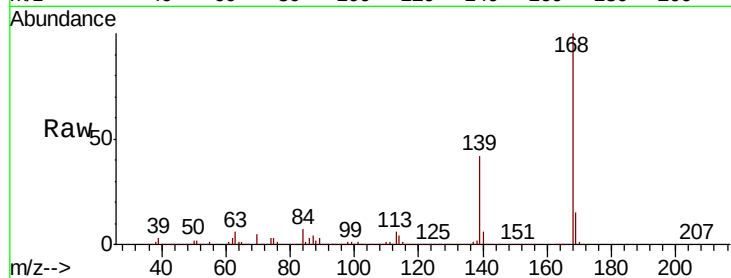
#55
Dibenzenofuran
Concen: 46.628 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.5	33.2	49.8
169	15.0	11.7	17.5

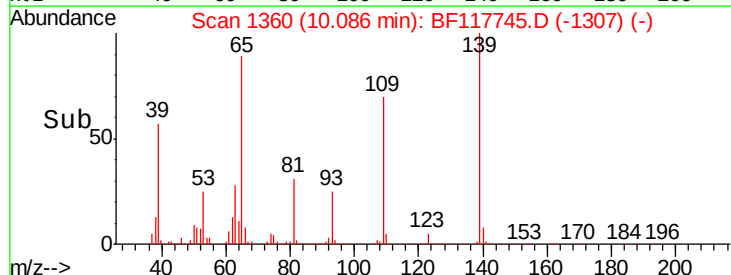
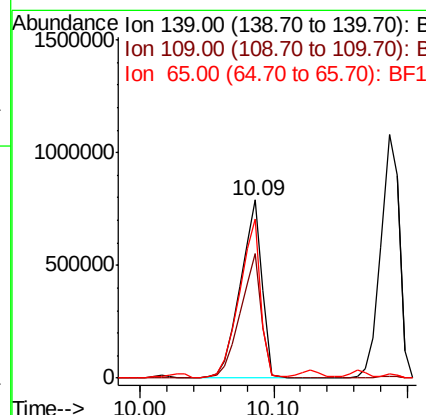
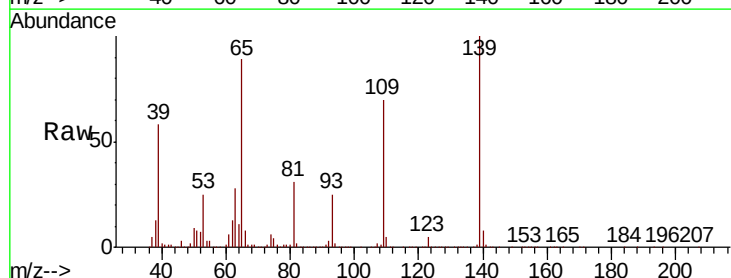
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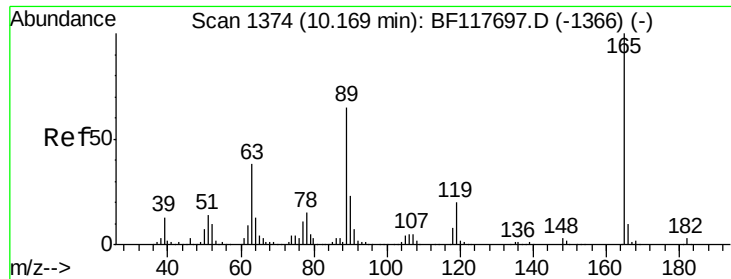
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#56
4-Nitrophenol
Concen: 90.489 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.7	47.7	87.7
65	89.5	71.9	111.9





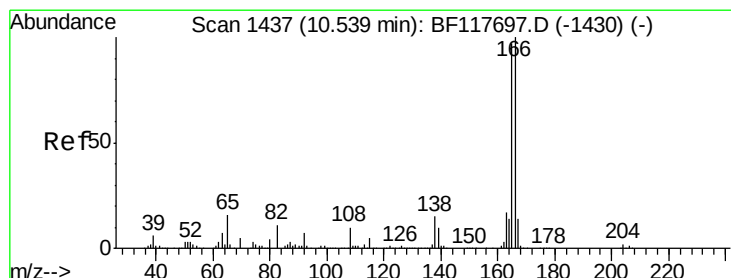
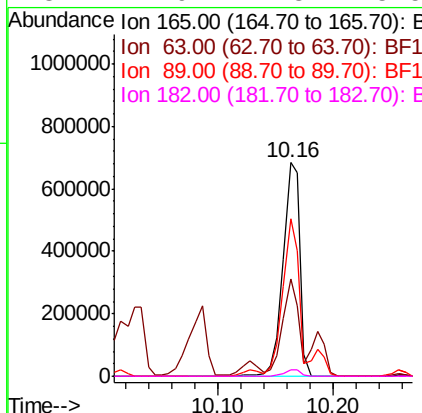
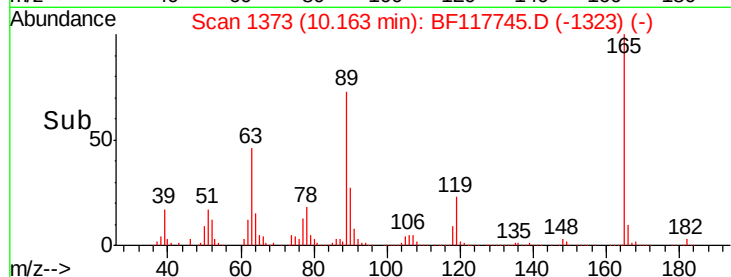
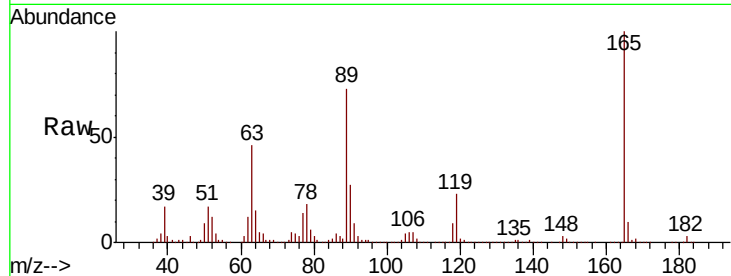
#57
2,4-Dinitrotoluene
Concen: 49.849 ng
RT: 10.16 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	695223		
63	45.7	30.4	45.6	#
89	73.5	52.2	78.4	
182	2.9	2.3	3.5	

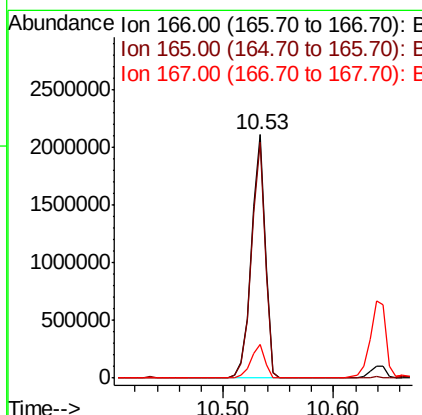
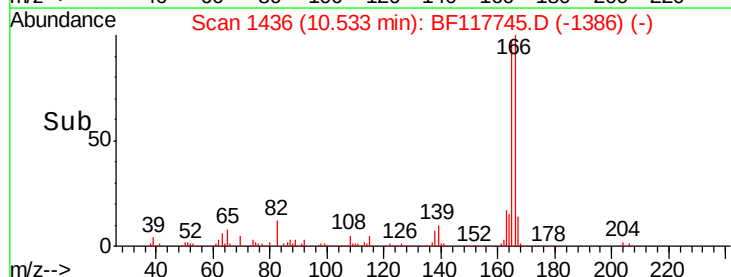
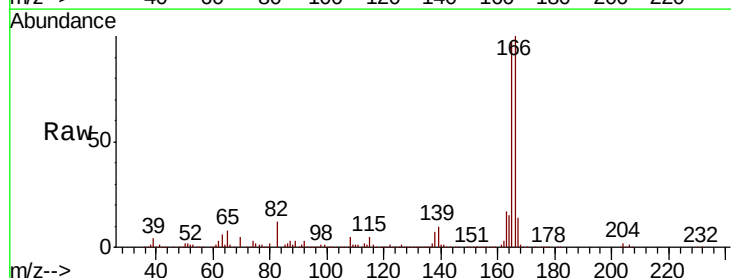
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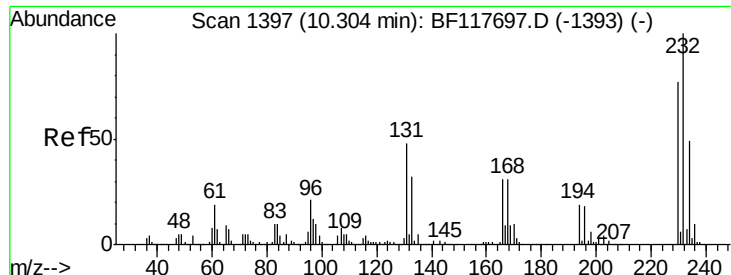
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#58
Fluorene
Concen: 46.226 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1869993		
165	97.1	77.4	116.0	
167	14.0	11.0	16.4	





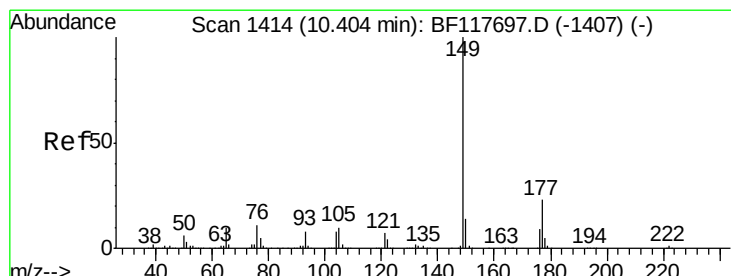
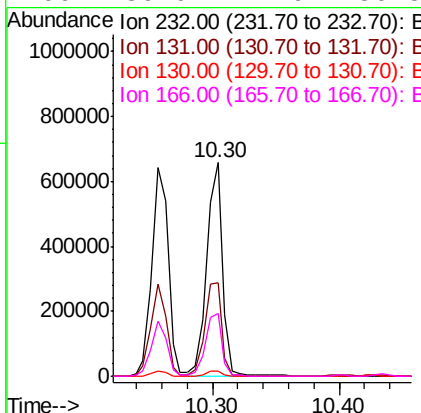
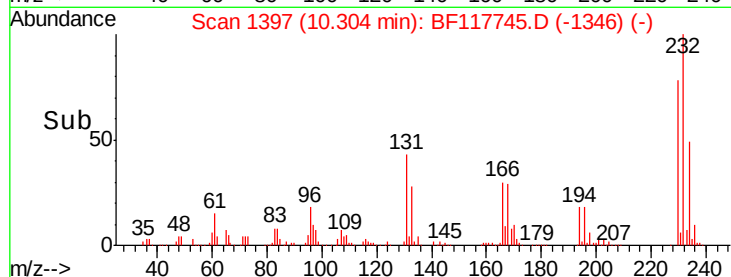
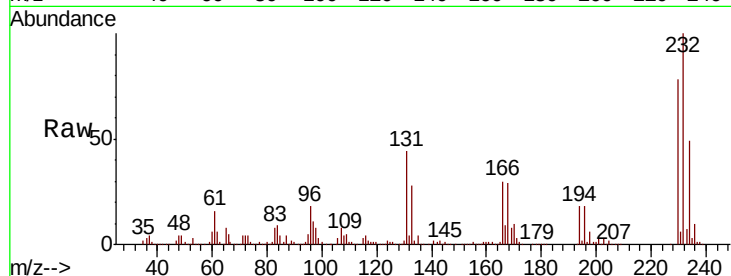
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.767 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Instrument :
 BNA_F
 ClientSampled :
 3-CMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	575958		
131	47.3		37.8	56.8
130	2.4		1.9	2.9
166	30.9		24.6	36.8

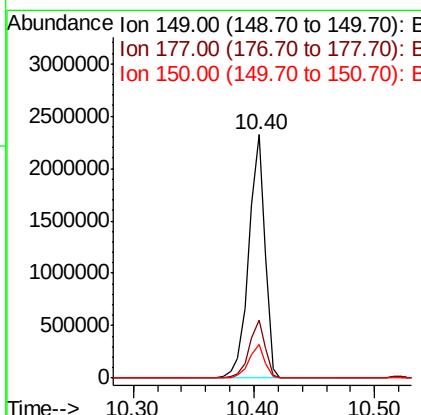
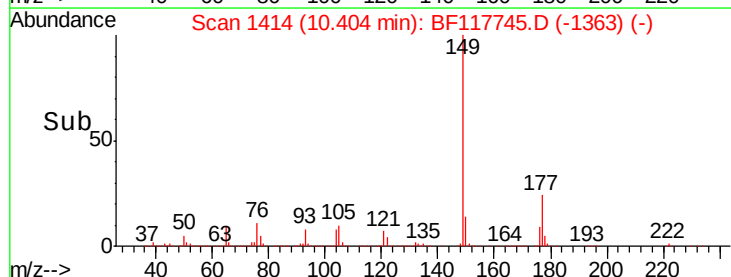
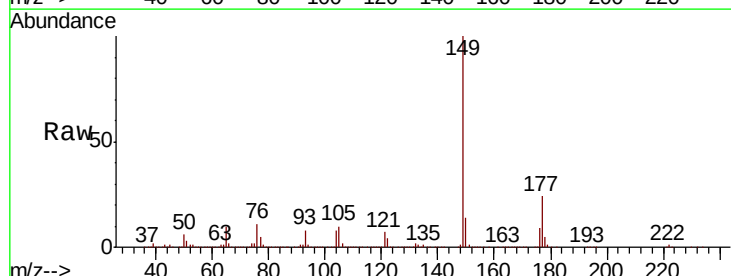
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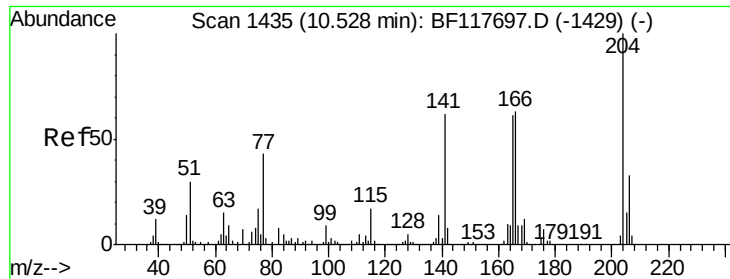
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#60
 Diethylphthalate
 Concen: 45.553 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	2175078		
177	24.1		18.8	28.2
150	13.6		10.8	16.2





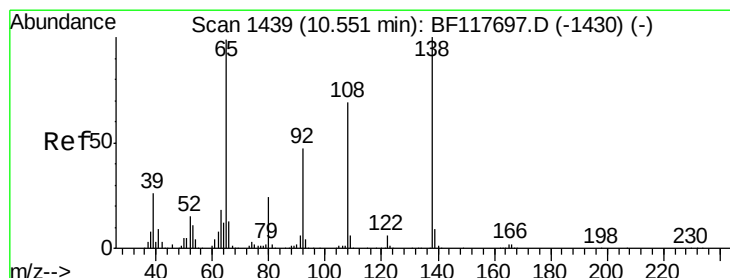
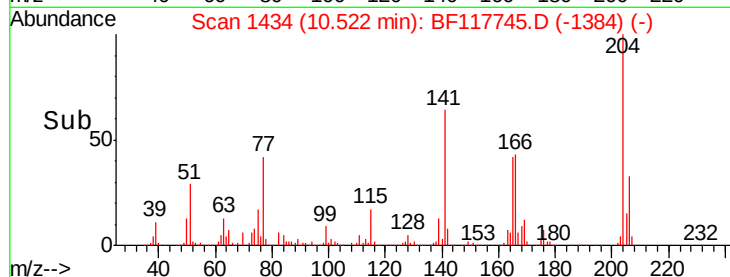
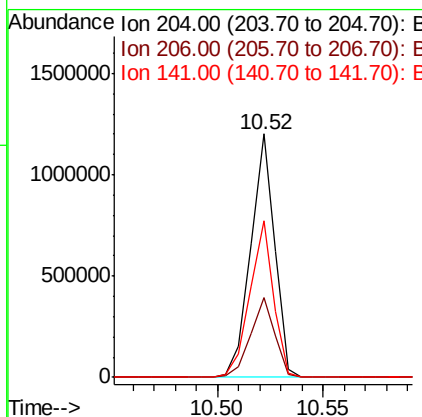
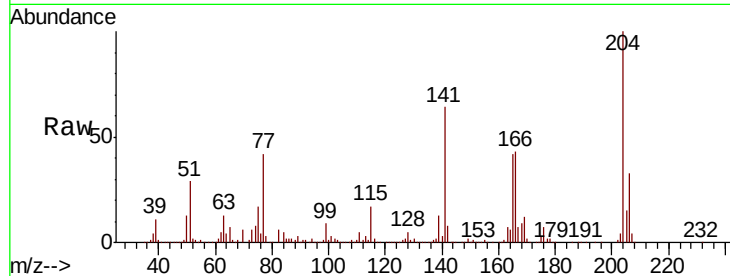
#61
 4-Chlorophenyl-phenylether
 Concen: 45.175 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Instrument :
 BNA_F
 ClientSampled :
 3-CMS

Tot Ion:	204	Resp:	951320
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.2	39.4
141	64.4	49.7	74.5

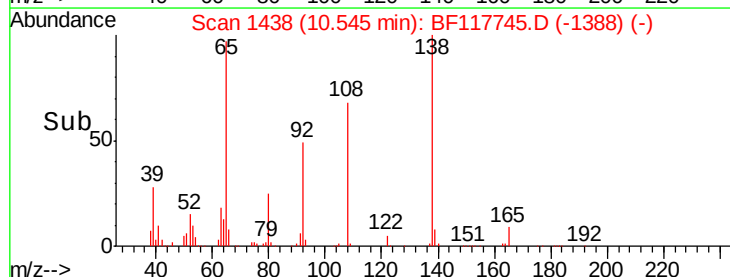
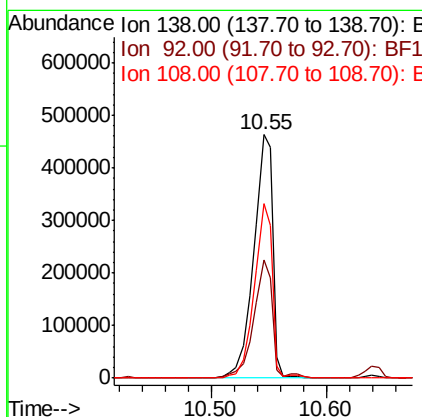
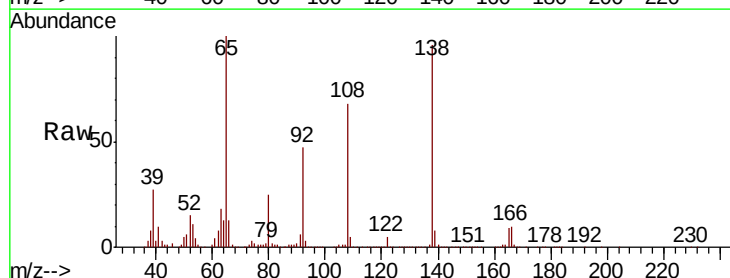
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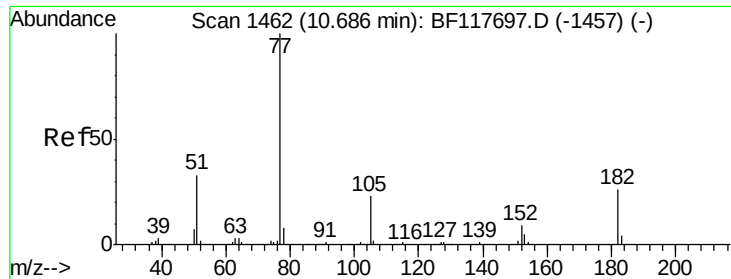
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#62
 4-Nitroaniline
 Concen: 41.222 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion:	138	Resp:	532174
Ion Ratio	Lower	Upper	
138	100		
92	48.7	26.9	66.9
108	71.5	49.1	89.1





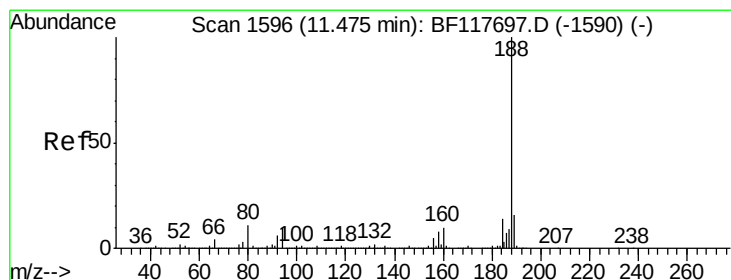
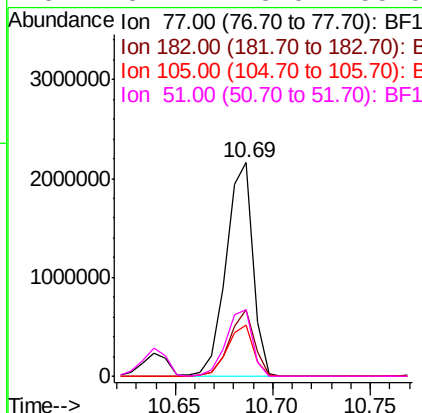
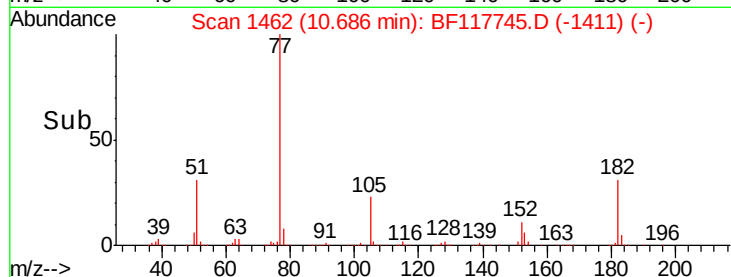
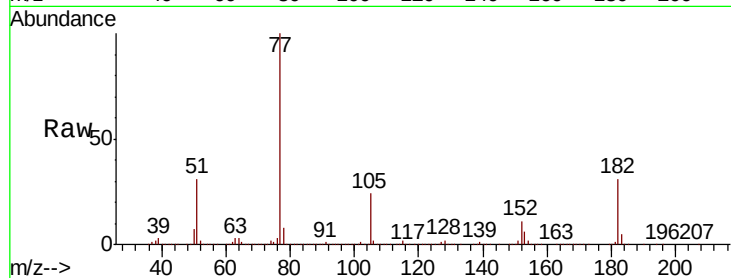
#63
Azobenzene
Concen: 45.338 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tot Ion: 77 Resp: 2050380
Ion Ratio Lower Upper
77 100
182 31.2 6.0 46.0
105 23.9 2.8 42.8
51 31.1 13.0 53.0

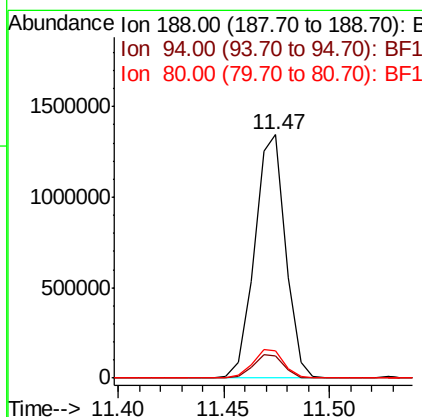
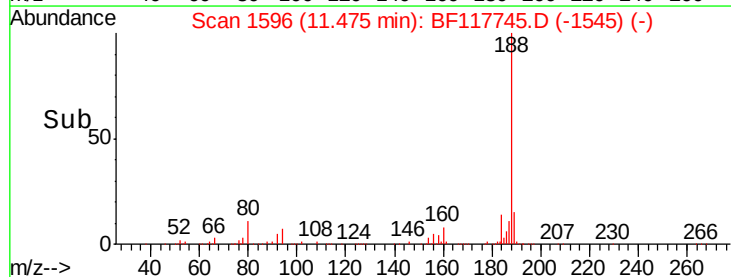
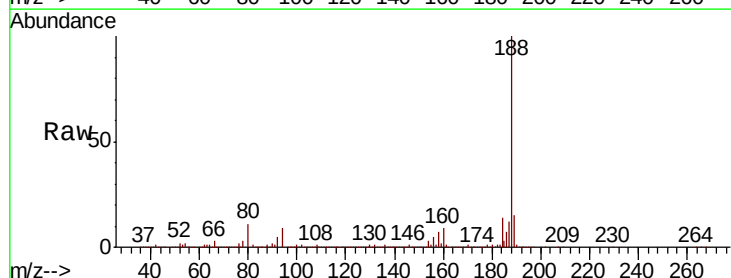
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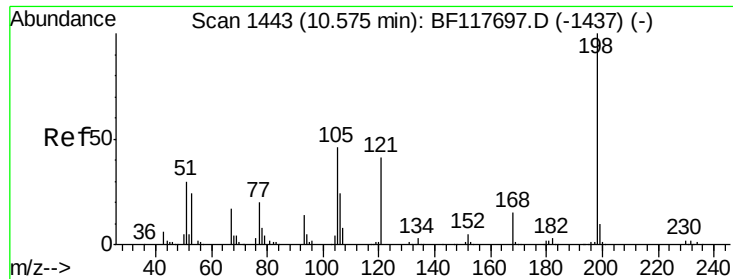
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion: 188 Resp: 1367692
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 11.0 8.6 13.0





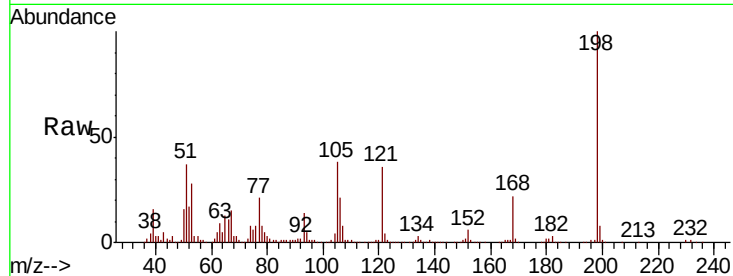
#65
4,6-Dinitro-2-methylphenol
Concen: 46.298 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

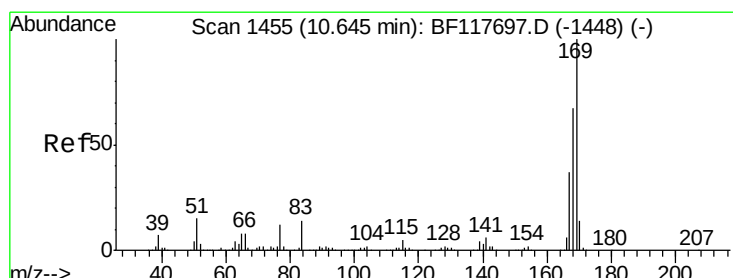
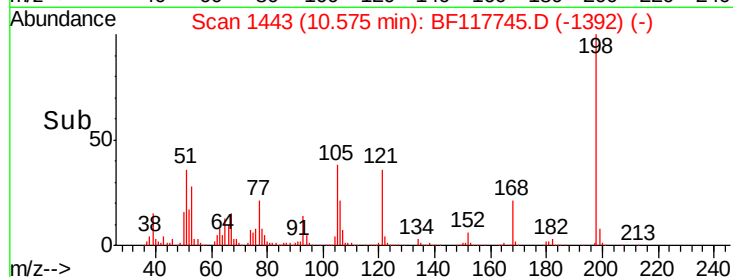
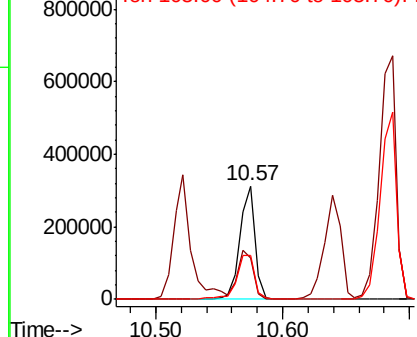
Tot Ion	Ratio	Resp	Lower	Upper
198	100	252848		
51	36.6	28.1	68.1	
105	38.3	27.3	67.3	

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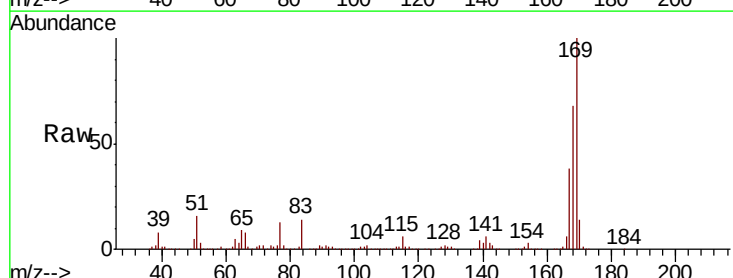


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

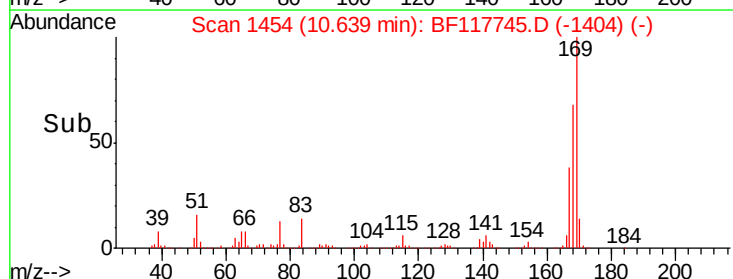
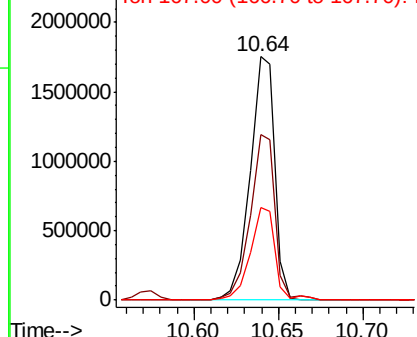


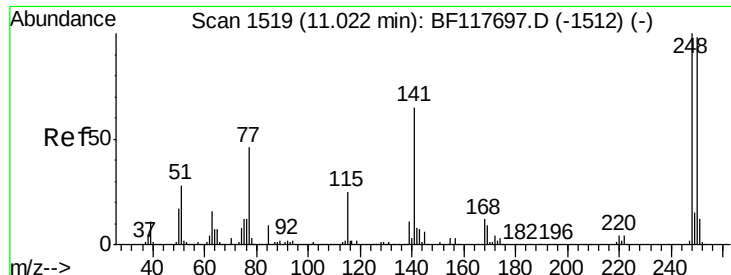
#66
n-Nitrosodiphenylamine
Concen: 44.233 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1786768		
168	67.7	53.8	80.8	
167	38.0	29.9	44.9	



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





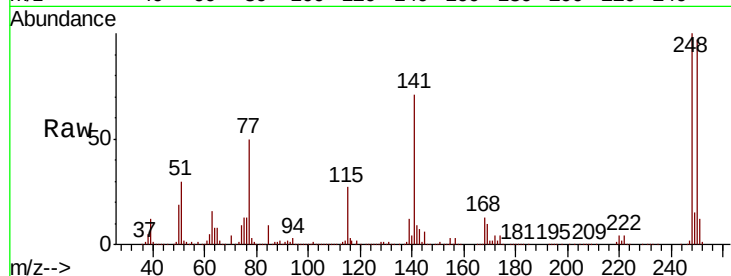
#67
4-Bromophenyl-phenylether
Concen: 43.652 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.2	78.7	118.1
141	70.6	51.8	77.8

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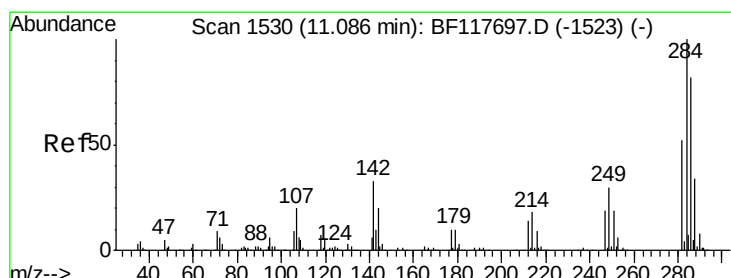
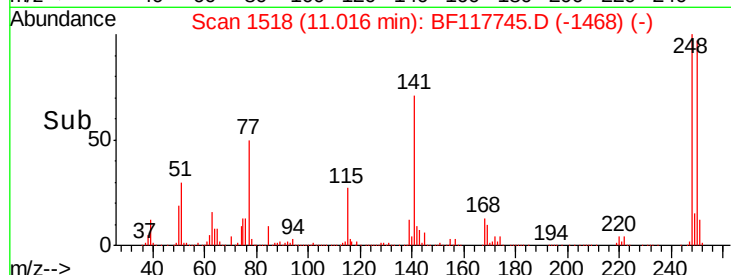
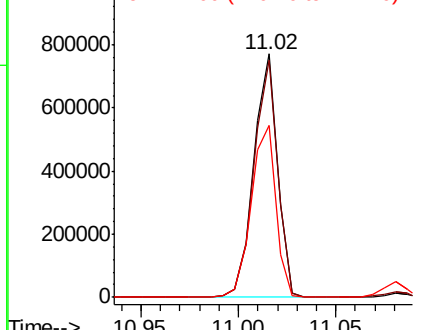


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 42.069 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

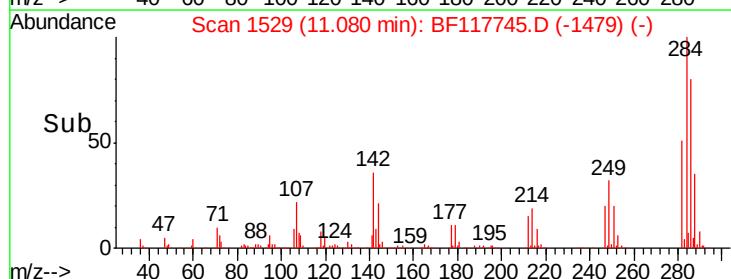
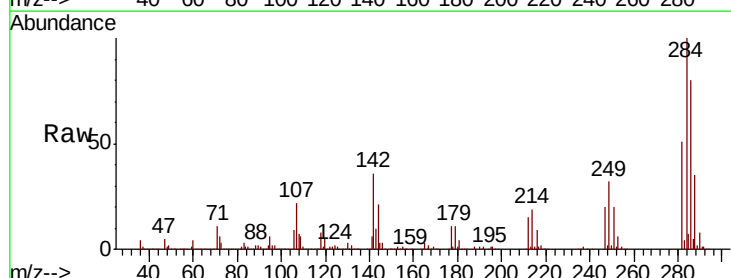
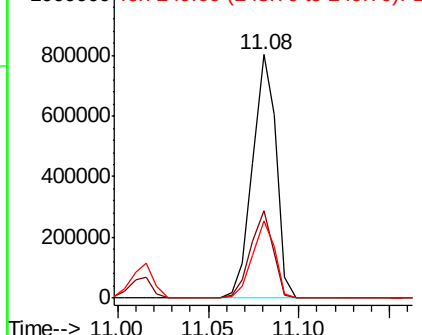
Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	26.6	39.8
249	31.6	24.4	36.6

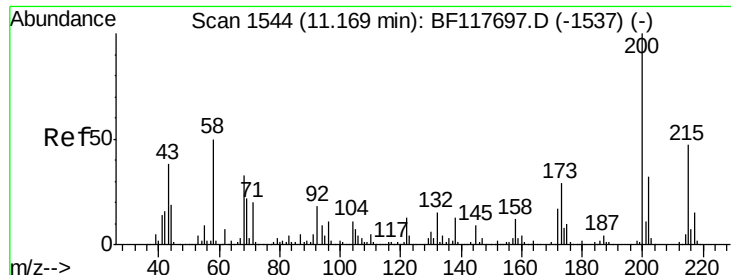
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





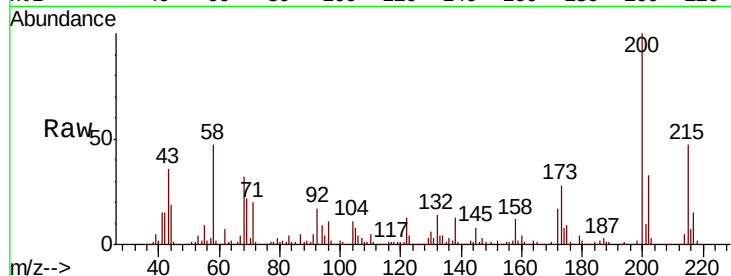
#69
Atrazine
Concen: 47.745 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	8.5	48.5
215	46.5	27.4	67.4

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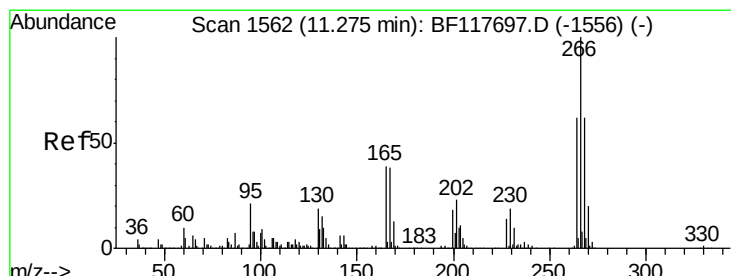
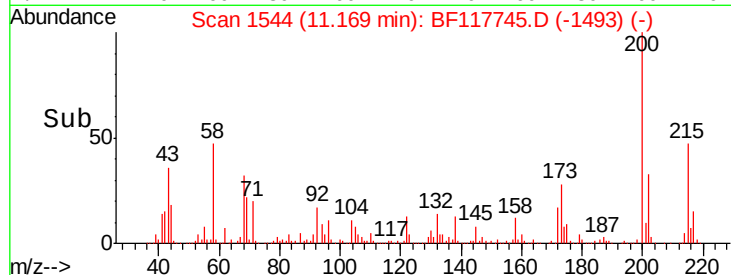
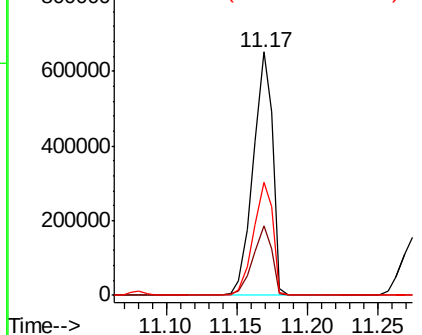


Abundance

Ion 200.00 (199.70 to 200.70): E

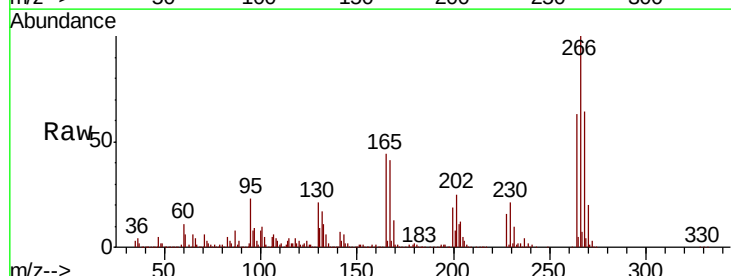
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 82.687 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	49.8	74.6
264	62.8	49.7	74.5

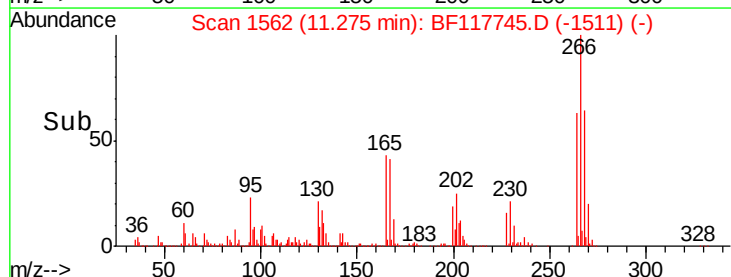
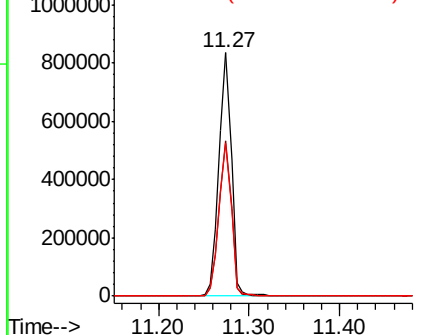


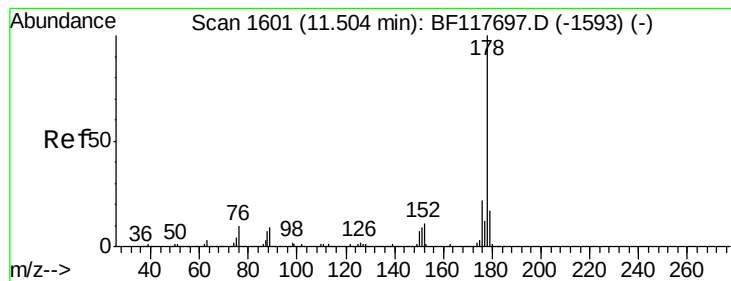
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





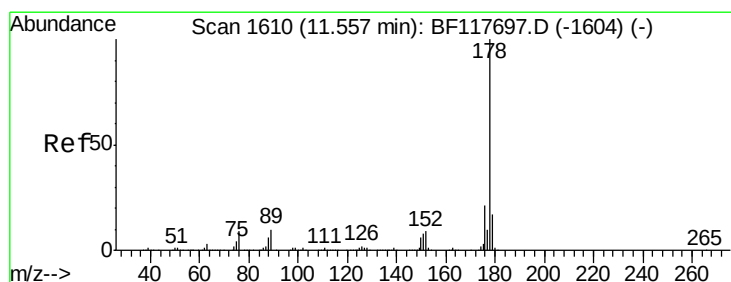
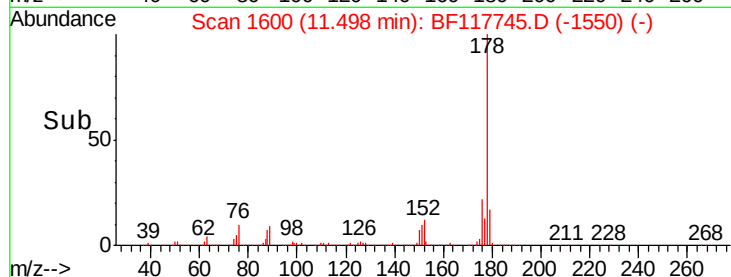
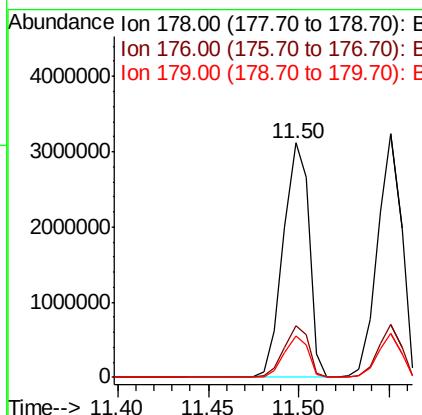
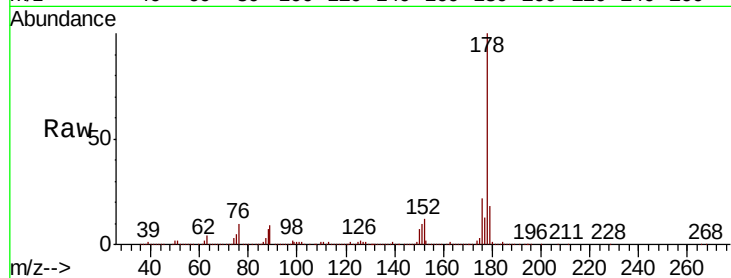
#71
Phenanthrene
Concen: 47.407 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

Tot Ion:178 Resp: 3107808
Ion Ratio Lower Upper
178 100
176 22.1 17.7 26.5
179 17.5 13.8 20.8

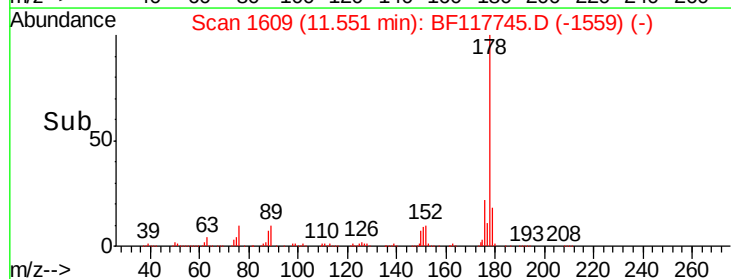
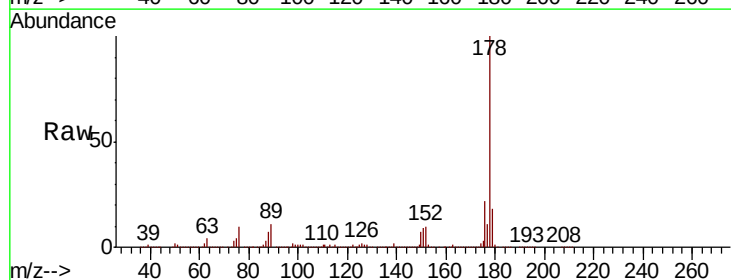
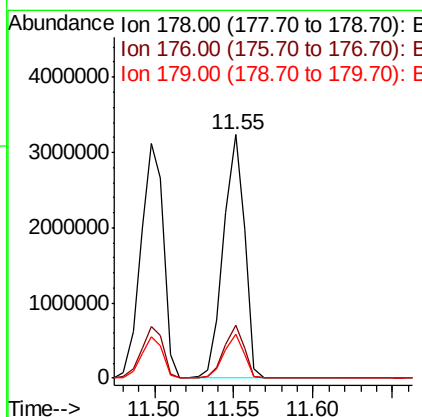
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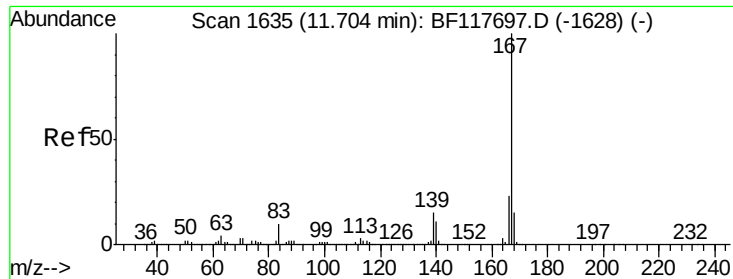
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#72
Anthracene
Concen: 45.666 ng
RT: 11.55 min Scan# 1609
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:178 Resp: 2978390
Ion Ratio Lower Upper
178 100
176 21.6 16.6 25.0
179 17.8 13.5 20.3





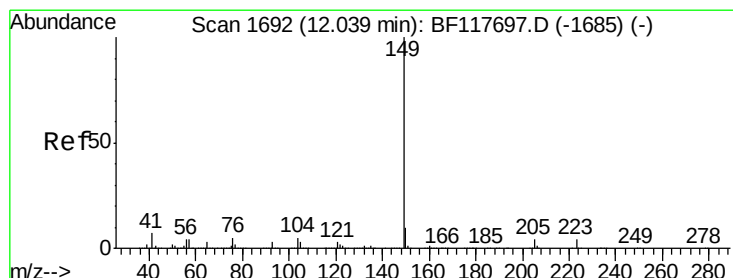
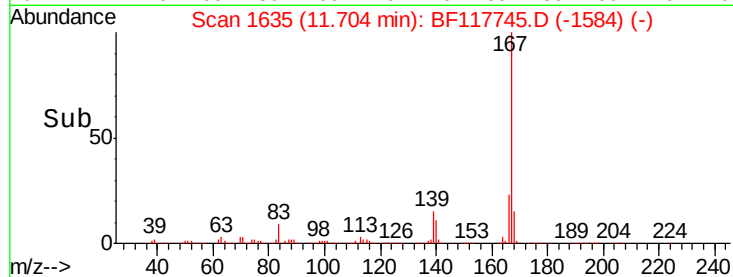
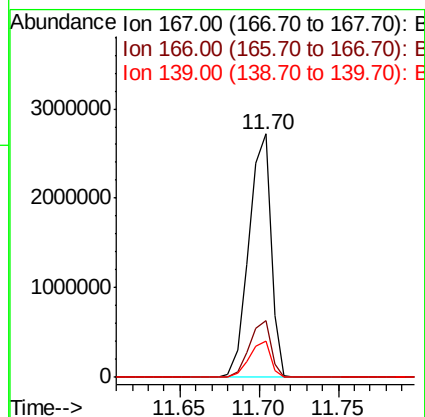
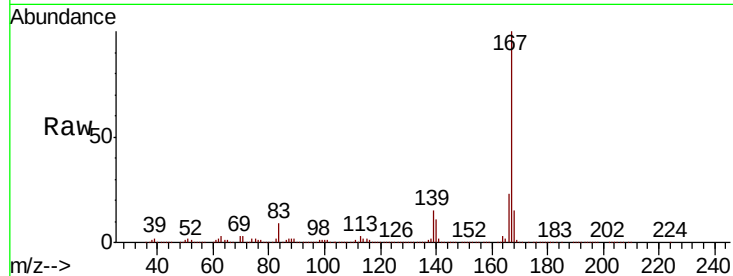
#73
 Carbazole
 Concen: 44.162 ng
 RT: 11.70 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

Tot Ion:167 Resp: 2633053
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.6 27.8
 139 14.8 11.9 17.9

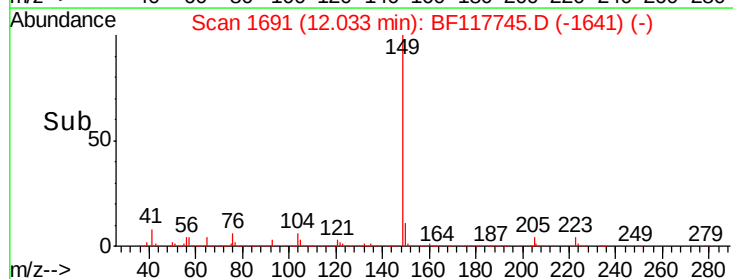
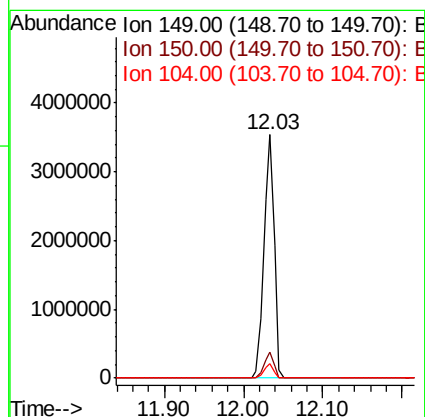
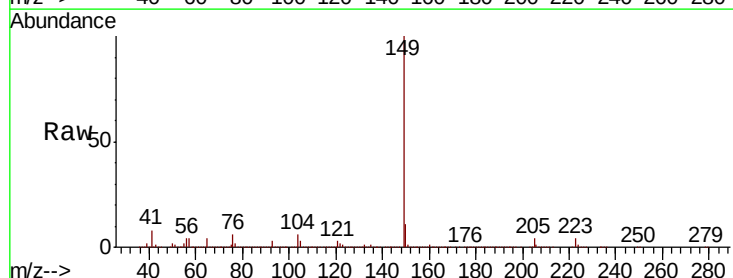
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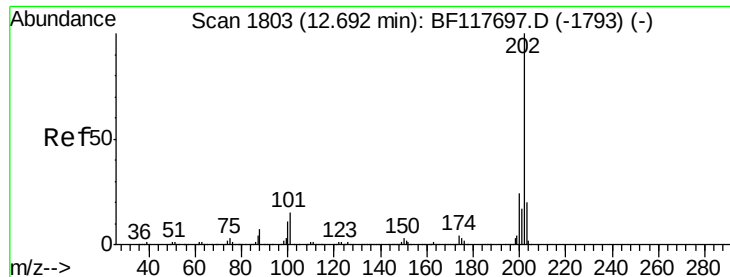
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#74
 Di-n-butylphthalate
 Concen: 44.619 ng
 RT: 12.03 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion:149 Resp: 3234804
 Ion Ratio Lower Upper
 149 100
 150 10.8 8.3 12.5
 104 5.9 4.2 6.4





#75

Fluoranthene

Concen: 54.410 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

Tot Ion:202 Resp: 3642136

Ion Ratio Lower Upper

202 100

101 13.3 0.0 34.5

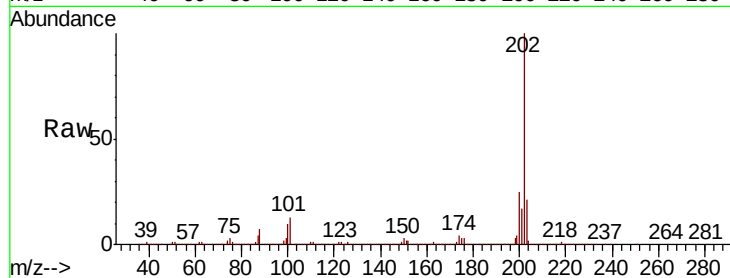
203 20.7 0.0 39.8

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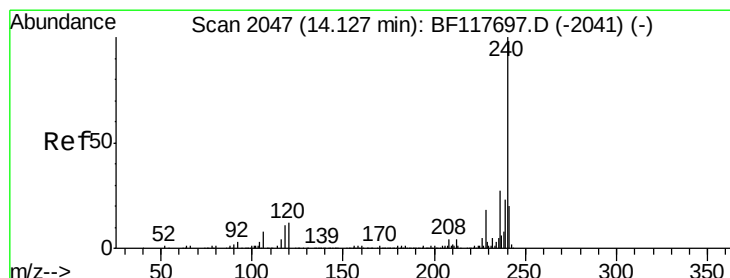
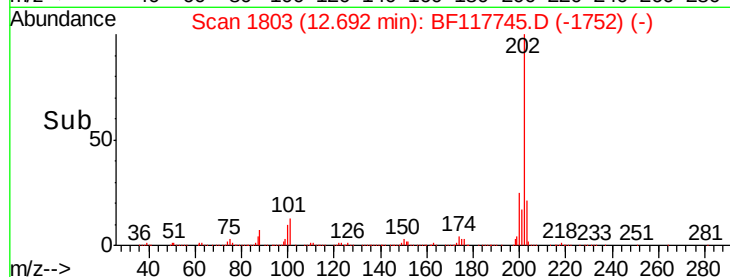
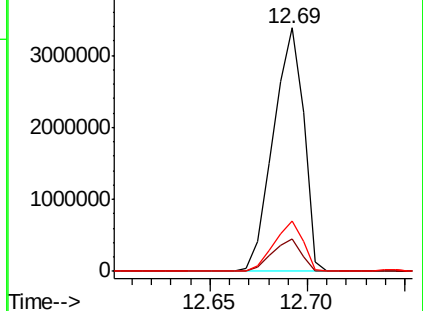
11/11/2019 8:06:27 AM



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.12 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Tgt Ion:240 Resp: 709062

Ion Ratio Lower Upper

240 100

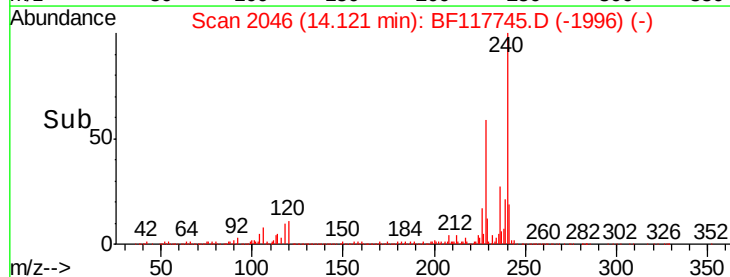
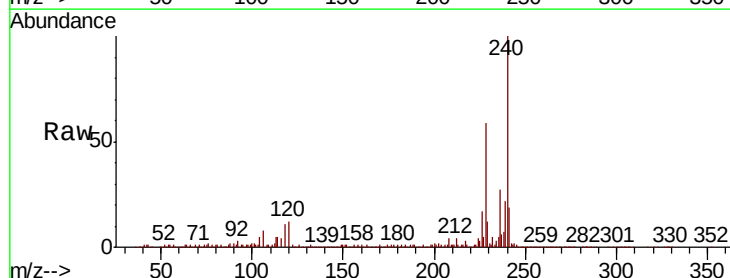
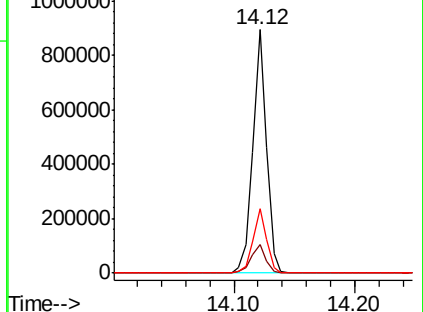
120 11.5 9.7 14.5

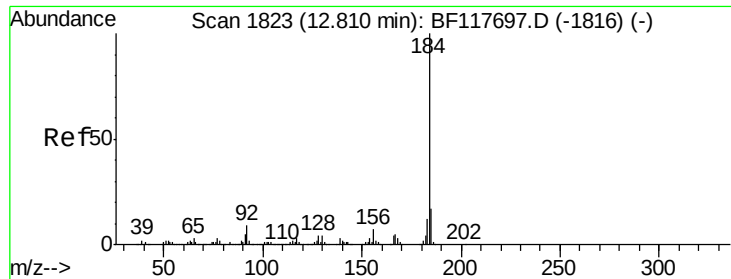
236 26.6 21.9 32.9

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.340 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

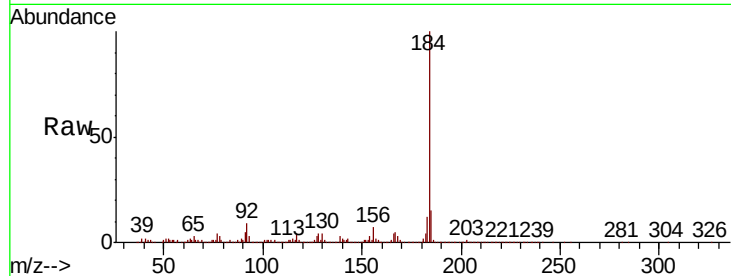
ClientSampled :

3-CMS

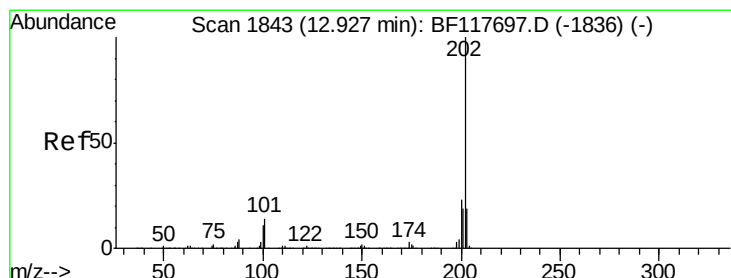
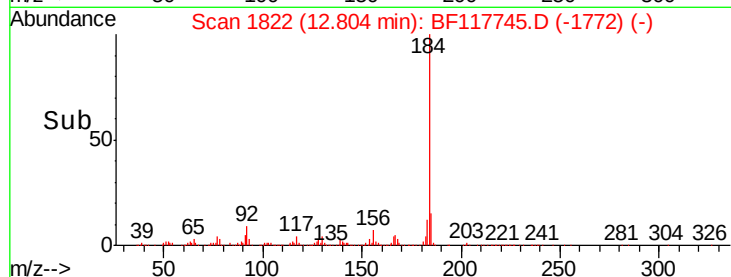
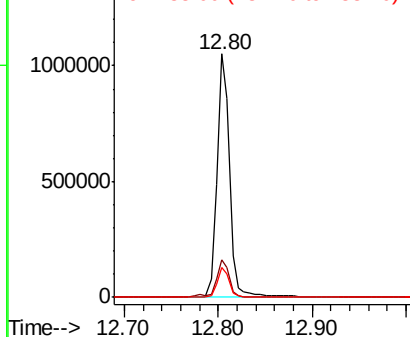
Tot Ion:	184	Resp:	994457
Ion Ratio	Lower	Upper	
184	100		
185	15.3	13.3	19.9
183	12.1	9.6	14.4

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



#78

Pyrene

Concen: 68.091 ng

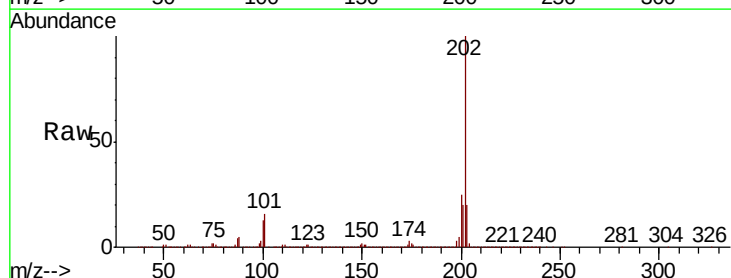
RT: 12.92 min Scan# 1842

Delta R.T. -0.01 min

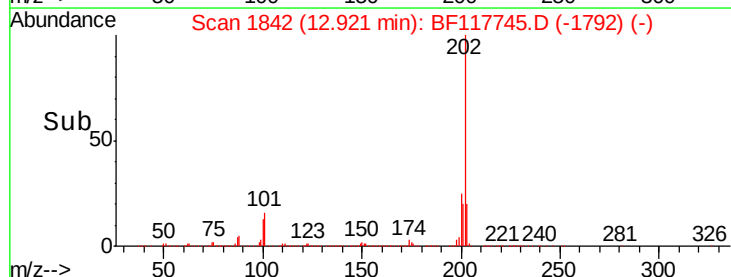
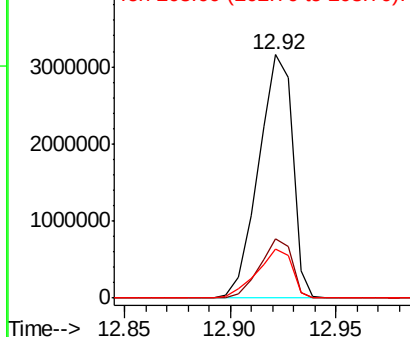
Lab File: BF117745.D

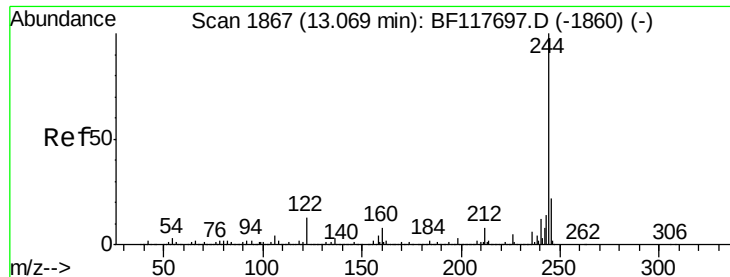
Acq: 8 Nov 2019 21:37

Tgt Ion:	202	Resp:	3524429
Ion Ratio	Lower	Upper	
202	100		
200	24.6	18.8	28.2
203	20.3	15.2	22.8



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





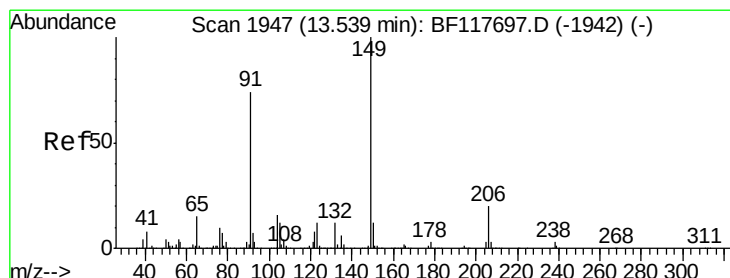
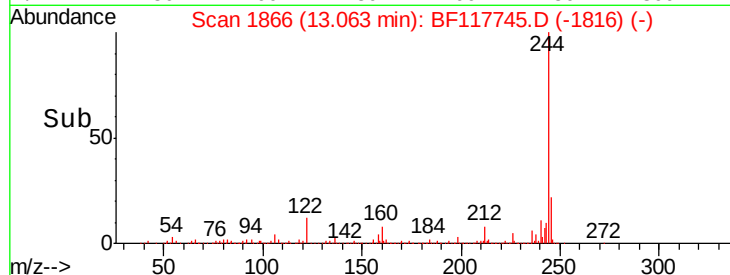
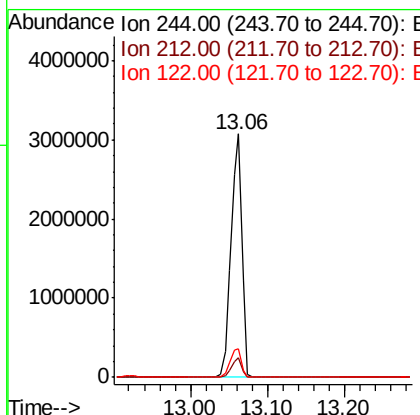
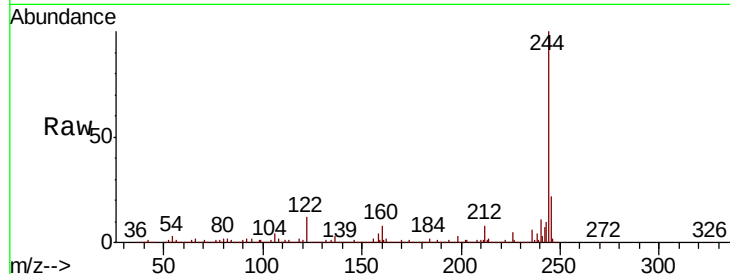
#79
 Terphenyl-d14
 Concen: 88.703 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Instrument :
 BNA_F
 ClientSampleId :
 3-CMS

Tot Ion:244 Resp: 3055283
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.4 9.6
 122 11.7 10.0 15.0

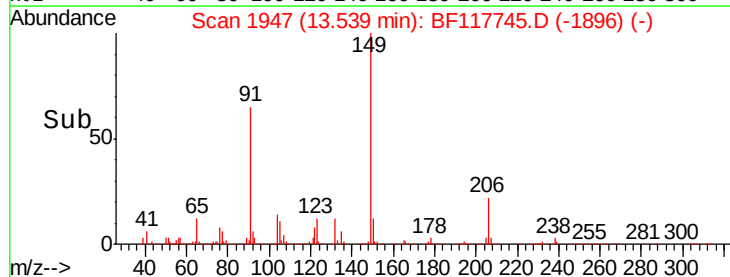
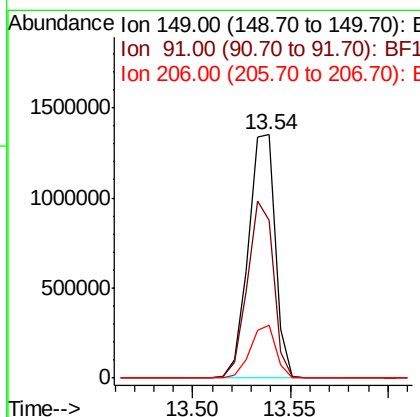
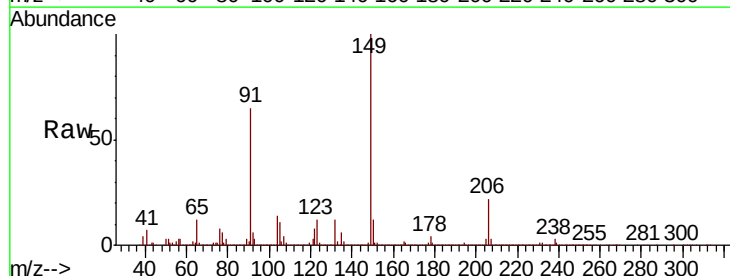
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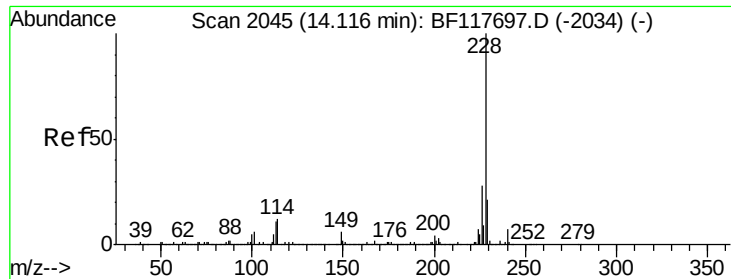
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#80
 Butylbenzylphthalate
 Concen: 54.182 ng
 RT: 13.54 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BF117745.D
 Acq: 8 Nov 2019 21:37

Tgt Ion:149 Resp: 1295395
 Ion Ratio Lower Upper
 149 100
 91 64.9 59.1 88.7
 206 21.7 16.1 24.1





#81

Benzo(a)anthracene

Concen: 55.425 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

Tot Ion:228 Resp: 2446262

Ion Ratio Lower Upper

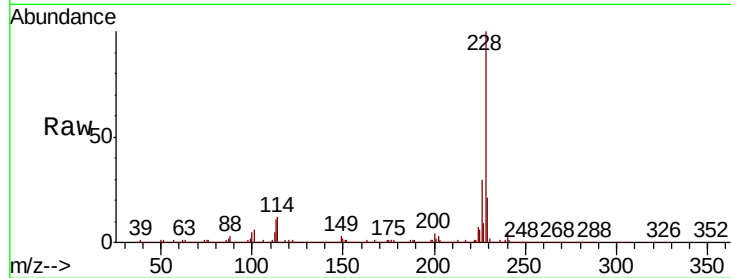
228 100

226 29.7 22.8 34.2

229 20.7 16.9 25.3

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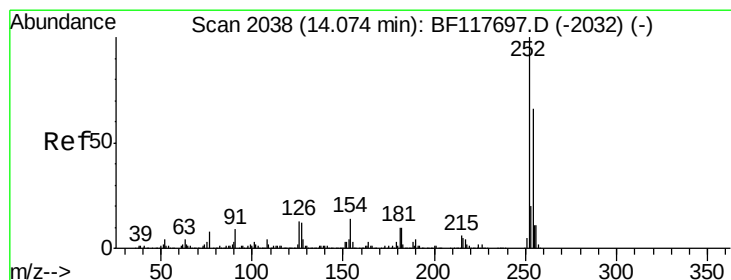
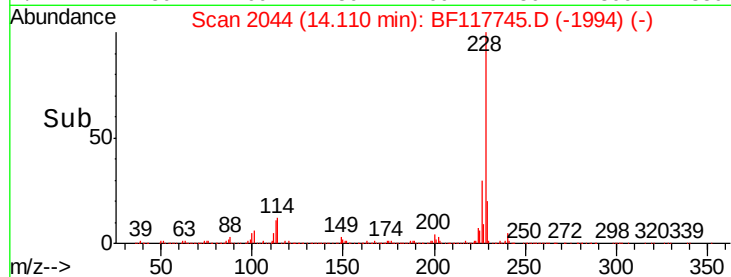
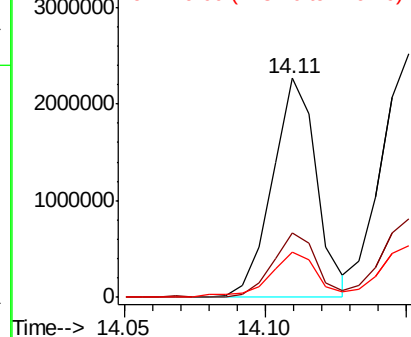


Abundance

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: 39.247 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

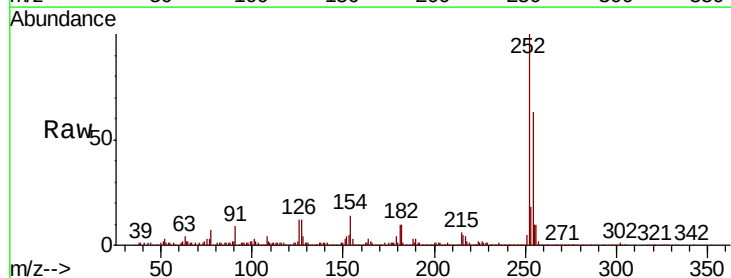
Tgt Ion:252 Resp: 646952

Ion Ratio Lower Upper

252 100

254 63.5 53.1 79.7

126 12.4 10.3 15.5

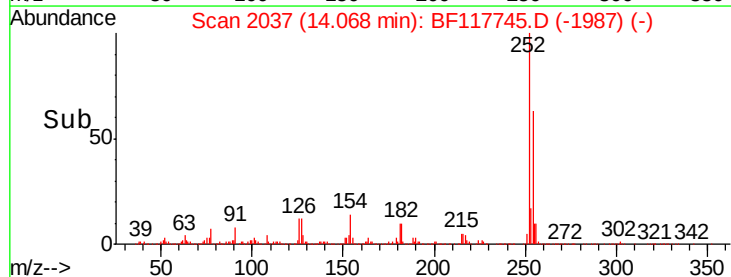
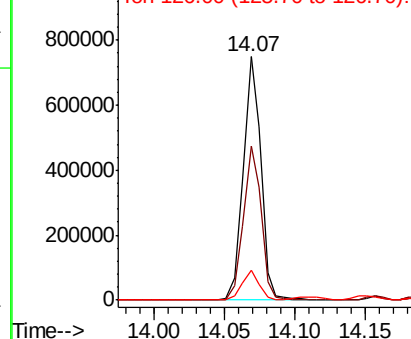


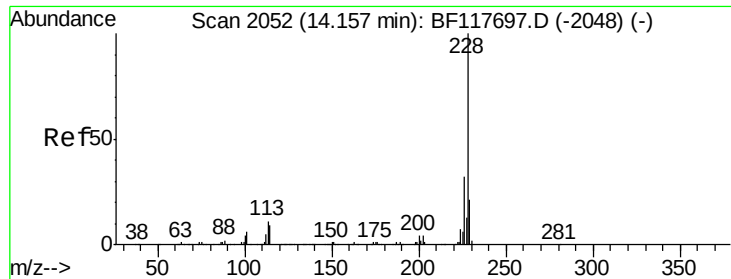
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





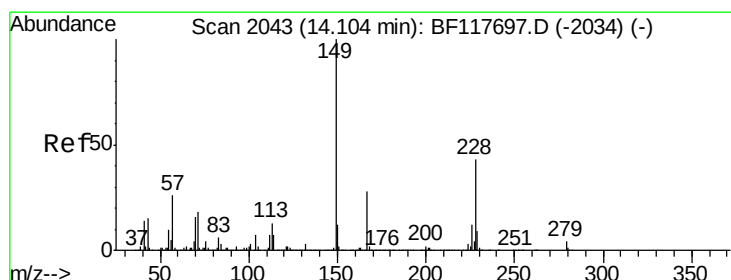
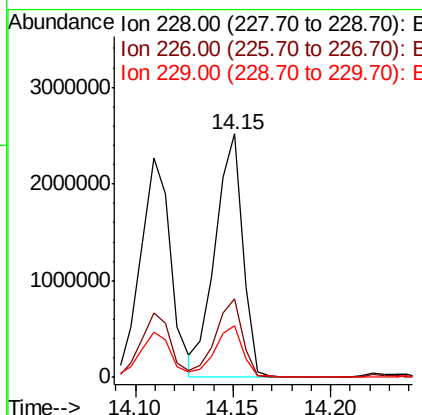
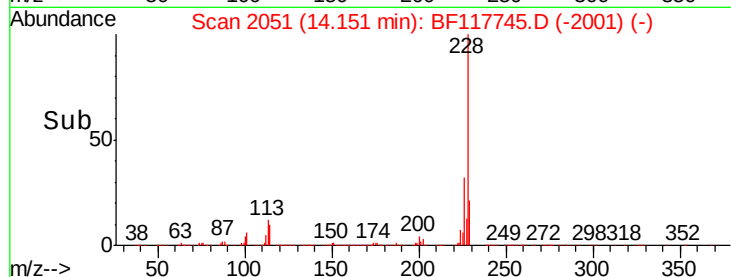
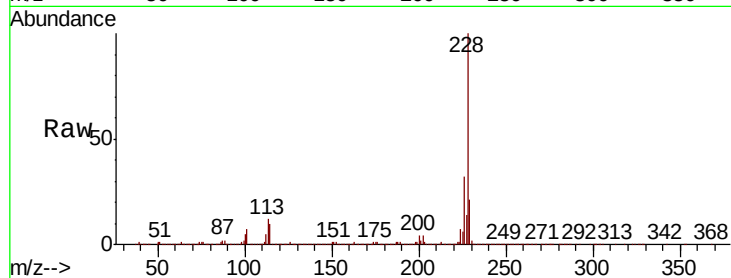
#83
Chrysene
Concen: 56.434 ng
RT: 14.15 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampleId :
3-CMS

Tot Ion:228 Resp: 2459781
Ion Ratio Lower Upper
228 100
226 32.2 25.4 38.2
229 21.2 16.6 24.8

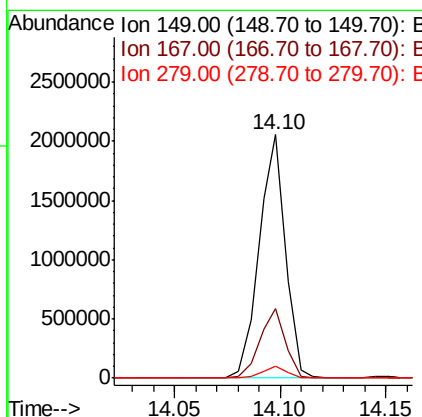
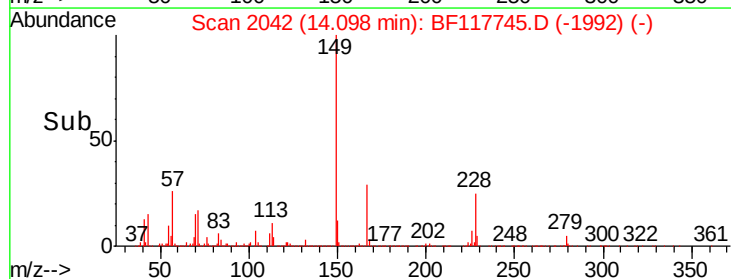
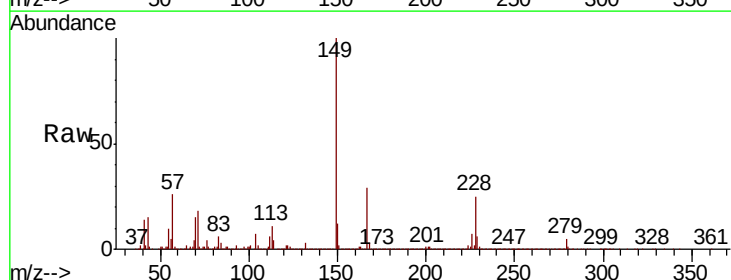
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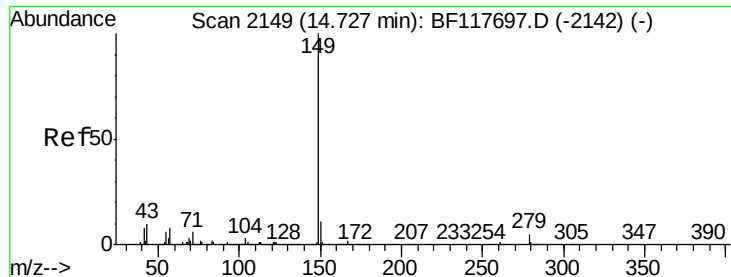
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#84
Bis(2-ethylhexyl)phthalate
Concen: 57.204 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion:149 Resp: 1764200
Ion Ratio Lower Upper
149 100
167 28.8 22.2 33.2
279 4.7 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 57.284 ng

RT: 14.72 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

ClientSampleId :

3-CMS

Tot Ion:149 Resp: 2780041

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

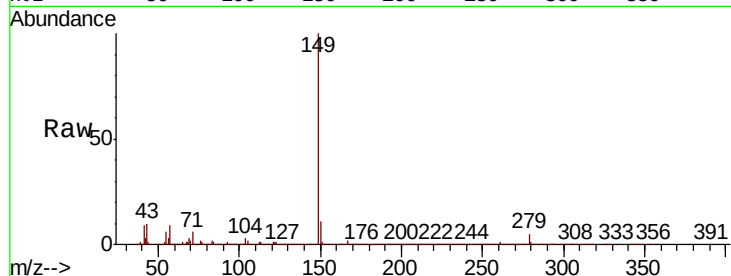
43 9.8 8.4 12.6

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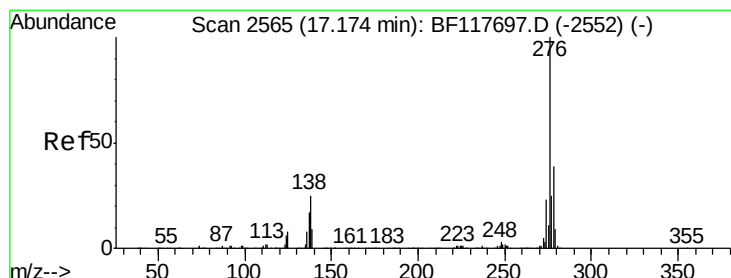
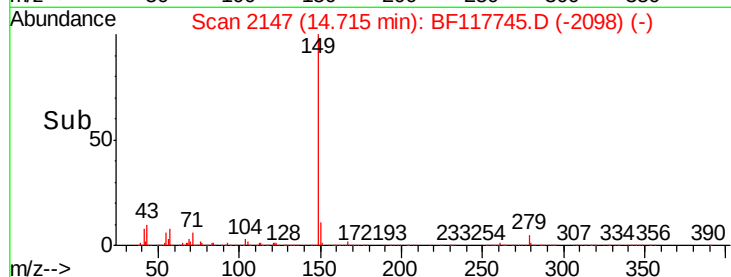
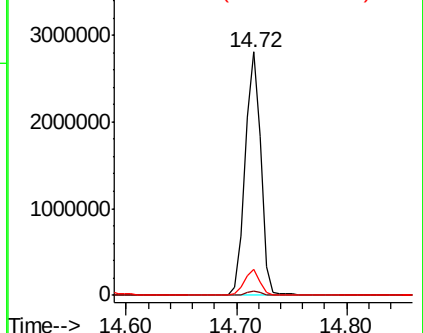
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Abundance Ion 149.00 (148.70 to 149.70): E

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: 63.222 ng

RT: 17.17 min Scan# 2564

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

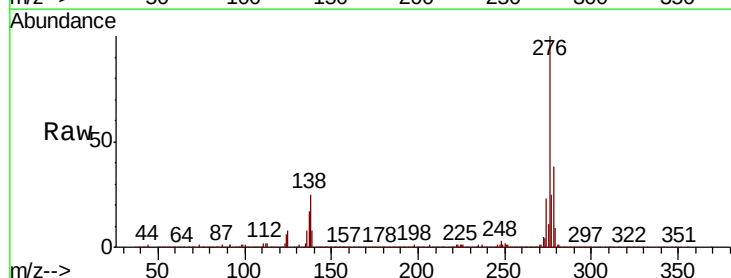
Tgt Ion:276 Resp: 2564776

Ion Ratio Lower Upper

276 100

138 27.1 22.4 33.6

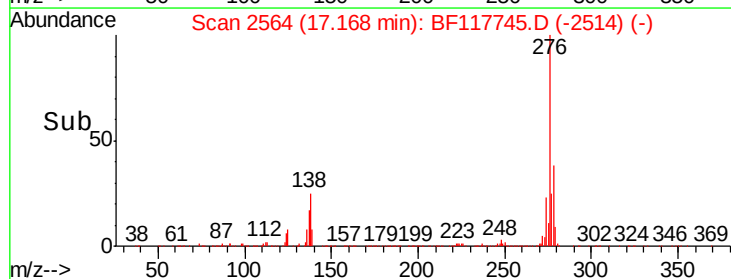
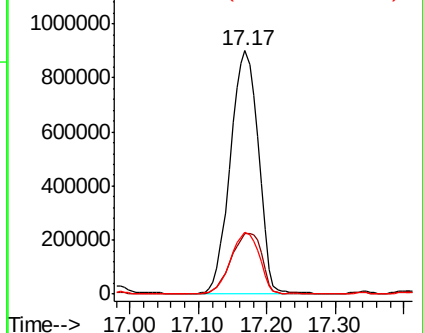
277 25.6 20.6 30.8

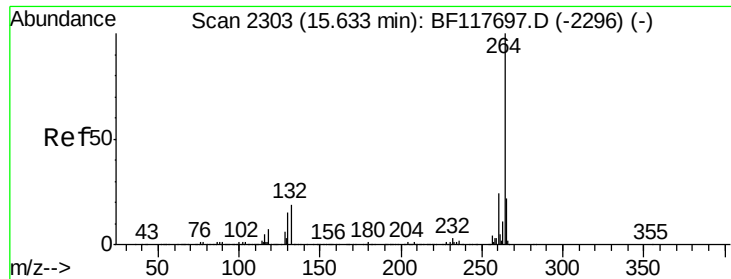


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

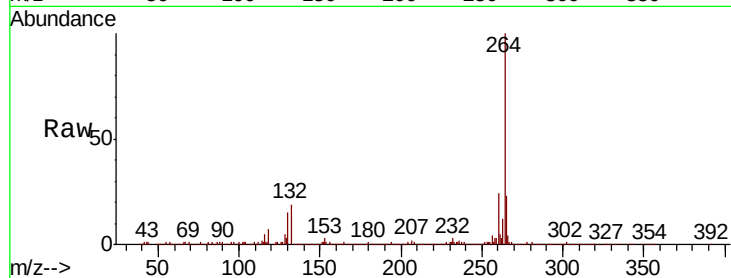
ClientSampleId :

3-CMS

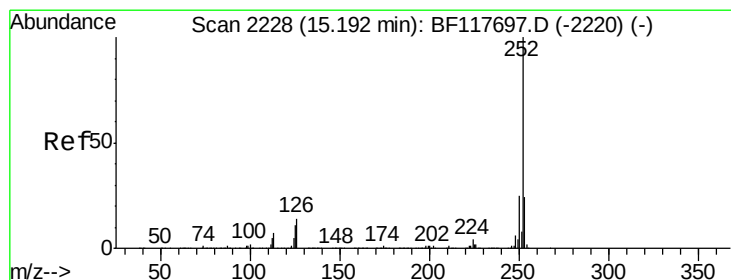
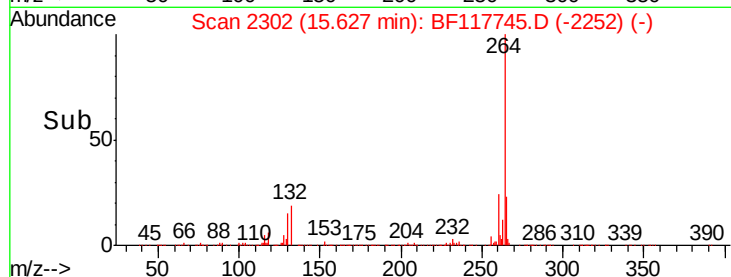
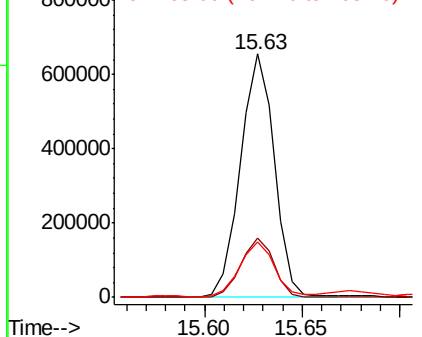
Tot Ion:	264	Resp:	785924
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.8	28.2
265	22.9	17.7	26.5

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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: 59.100 ng

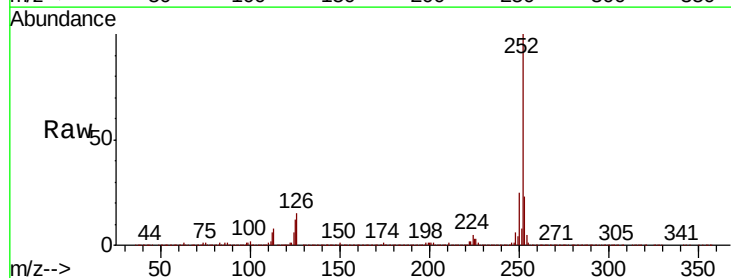
RT: 15.19 min Scan# 2227

Delta R.T. -0.01 min

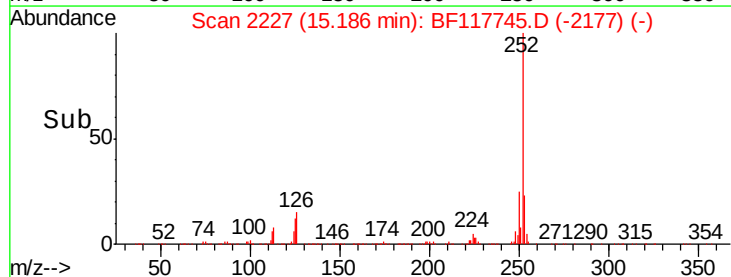
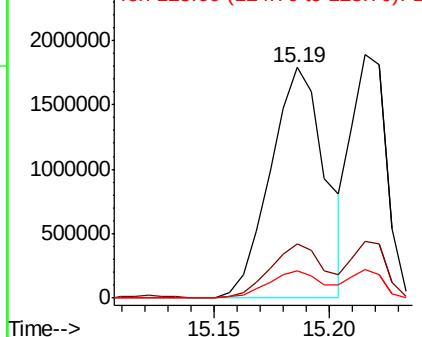
Lab File: BF117745.D

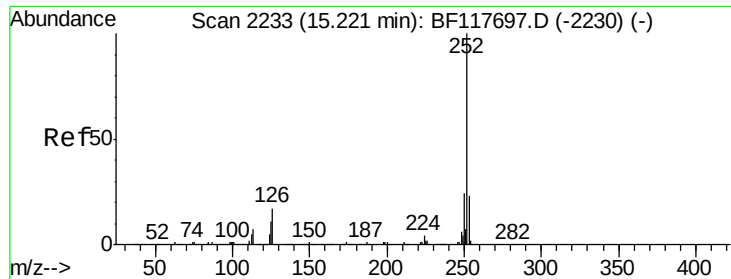
Acq: 8 Nov 2019 21:37

Tgt Ion:	252	Resp:	2925365
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.9	28.3
125	11.7	8.5	12.7



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: 45.035 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Instrument :

BNA_F

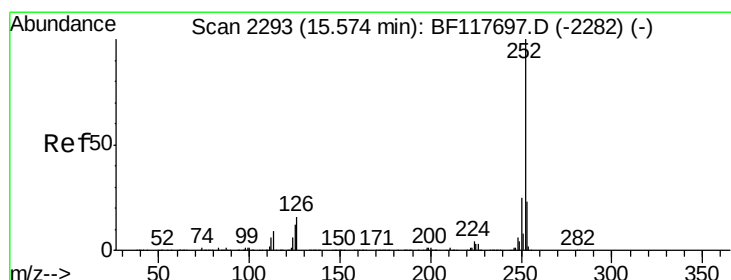
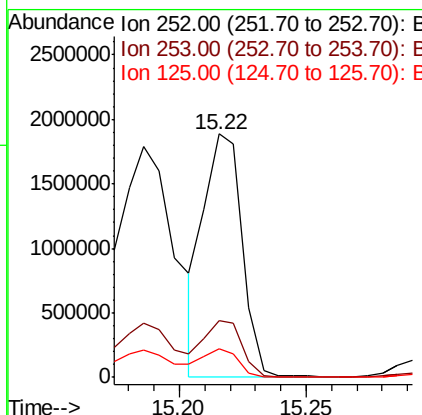
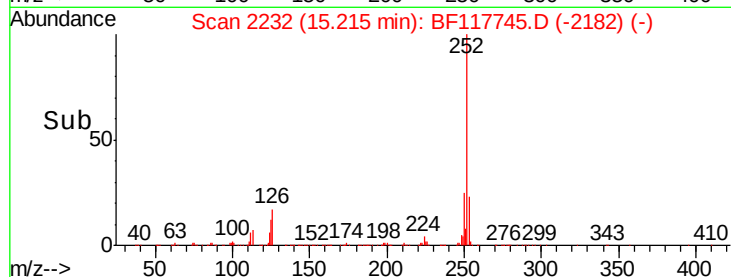
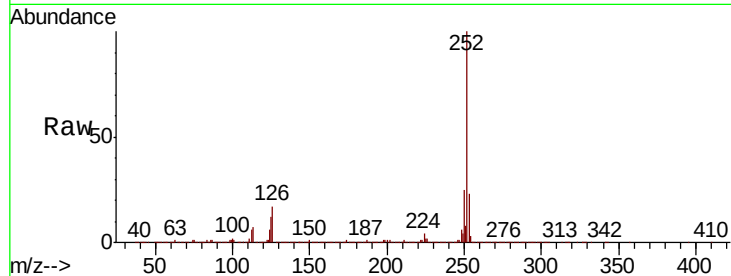
ClientSampled :

3-CMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	11.8	9.1	13.7

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#90

Benzo(a)pyrene

Concen: 51.659 ng

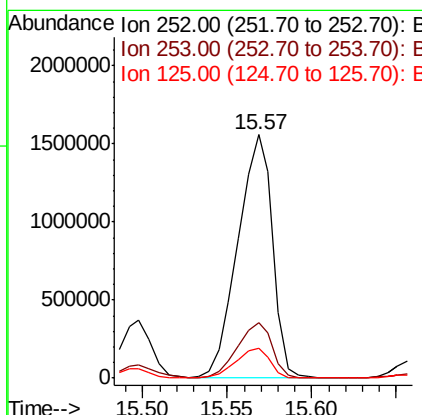
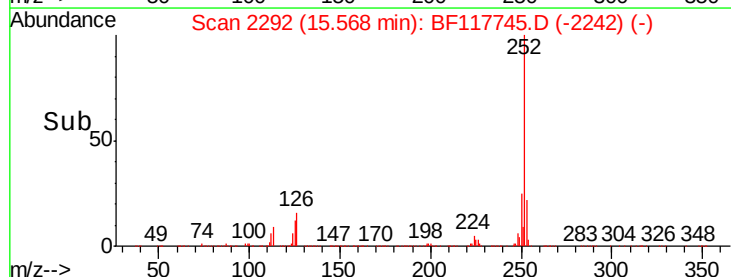
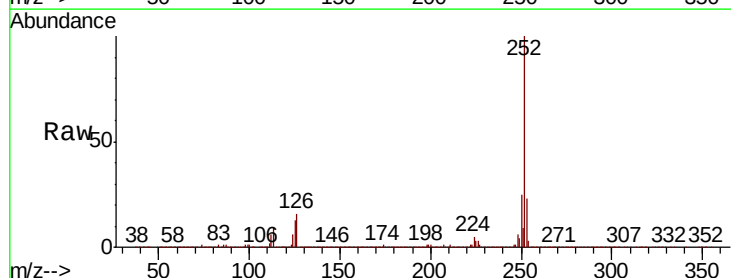
RT: 15.57 min Scan# 2292

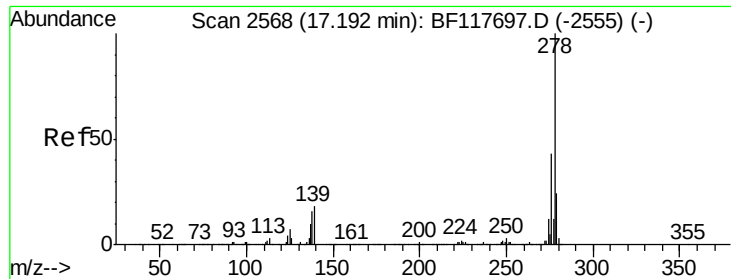
Delta R.T. -0.01 min

Lab File: BF117745.D

Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	12.5	9.5	14.3





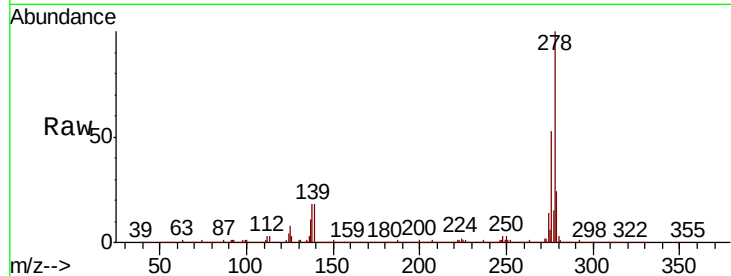
#91
Dibenzo(a,h)anthracene
Concen: 50.200 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.01 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Instrument :
BNA_F
ClientSampled :
3-CMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	14.3	21.5
279	24.1	19.0	28.6

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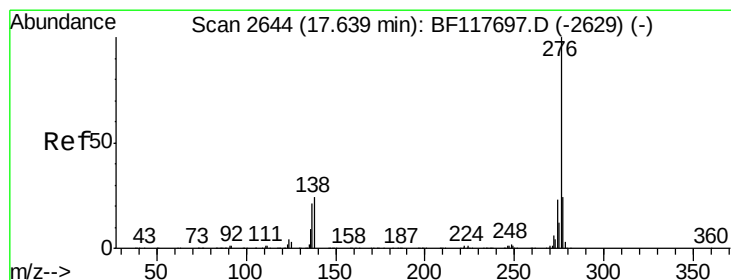
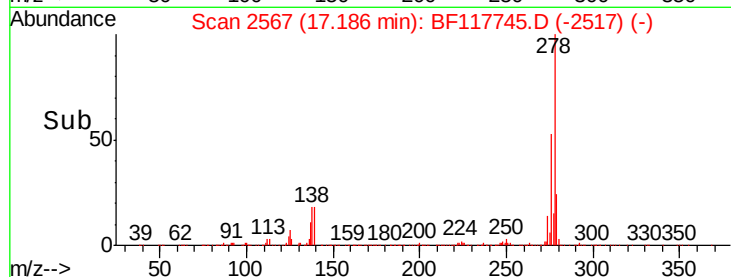
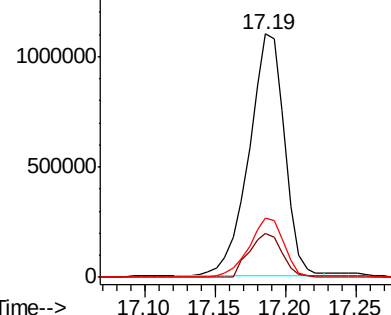


Abundance

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: 57.092 ng
RT: 17.64 min Scan# 2644
Delta R.T. -0.00 min
Lab File: BF117745.D
Acq: 8 Nov 2019 21:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.4	29.0
138	23.7	19.2	28.8

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

