

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118125.D
 Acq On : 7 Dec 2019 13:26
 Operator : JU
 Sample : K6162-03MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCMS

Manual Integrations
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mohammad
 12/10/2019 11:47:26 AM

Quant Time: Dec 09 06:40:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	122276	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	487449	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	260255	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	503940	20.00	ng	0.00
76) Chrysene-d12	14.06	240	327632	20.00	ng	0.00
87) Perylene-d12	15.54	264	302589	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	934387	133.84	ng	0.02
7) Phenol-d6	6.51	99	1176432	139.32	ng	0.01
23) Nitrobenzene-d5	7.43	82	724983	83.67	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	439025	138.86	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1449185	84.73	ng	0.00
79) Terphenyl-d14	13.00	244	1844372	96.80	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.83	88	112535	38.229	ng	# 83
3) Pyridine	3.55	79	202612	26.678	ng	98
4) n-Nitrosodimethylamine	3.46	42	150720	46.131	ng	97
6) Aniline	6.53	93	94067	8.709	ng	# 87
8) 2-Chlorophenol	6.66	128	373761	47.479	ng	96
9) Benzaldehyde	6.42	77	71408	11.511	ng	97
10) Phenol	6.52	94	419713	43.584	ng	97
11) bis(2-Chloroethyl)ether	6.61	93	311598	44.739	ng	95
12) 1,3-Dichlorobenzene	6.81	146	358358	38.969	ng	98
13) 1,4-Dichlorobenzene	6.89	146	370479	40.009	ng	99
14) 1,2-Dichlorobenzene	7.04	146	351539	40.425	ng	97
15) Benzyl Alcohol	7.01	79	315612	47.881	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.15	45	366191	43.728	ng	99
17) 2-Methylphenol	7.12	107	297321	47.487	ng	98
18) Hexachloroethane	7.38	117	132237	38.756	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	235903	45.975	ng	98
20) 3+4-Methylphenols	7.27	107	381838	48.553	ng	91
22) Acetophenone	7.28	105	507280	43.317	ng	95
24) Nitrobenzene	7.45	77	366448	43.047	ng	99
25) Isophorone	7.69	82	655347	44.617	ng	99
26) 2-Nitrophenol	7.77	139	206752	45.440	ng	93
27) 2,4-Dimethylphenol	7.80	122	326262	53.757	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	409477	42.664	ng	99
29) 2,4-Dichlorophenol	8.02	162	319746	45.192	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	332886	40.259	ng	99
31) Naphthalene	8.17	128	1046268	42.738	ng	99
32) Benzoic acid	7.94	122	240083	43.811	ng	98
33) 4-Chloroaniline	8.22	127	46796	4.427	ng	96
34) Hexachlorobutadiene	8.29	225	185754	37.464	ng	97
35) Caprolactam	8.60	113	101633m	46.579	ng	
36) 4-Chloro-3-methylphenol	8.72	107	344467	46.263	ng	97
37) 2-Methylnaphthalene	8.87	142	739570	44.623	ng	99
38) 1-Methylnaphthalene	8.97	142	682480	43.856	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	331579	42.057	ng	99

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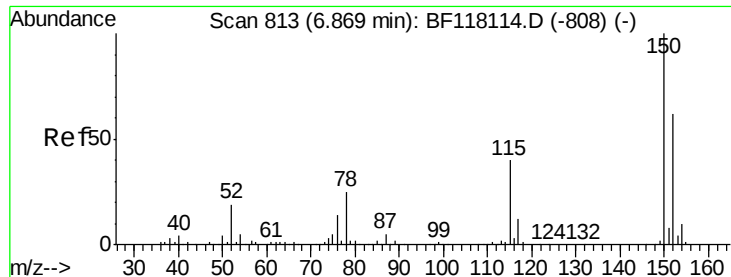
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	327821	92.803	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	237851	45.184	nq	98
44) 2,4,5-Trichlorophenol	9.20	196	257085	47.139	nq	94
46) 1,1'-Biphenyl	9.33	154	905497	44.115	nq	99
47) 2-Chloronaphthalene	9.36	162	696622	42.191	nq	97
48) 2-Nitroaniline	9.46	65	198496	42.156	nq	97
49) Acenaphthylene	9.78	152	1109461	45.557	nq	99
50) Dimethylphthalate	9.64	163	849830	44.208	nq	100
51) 2,6-Dinitrotoluene	9.70	165	190379	45.545	nq	93
52) Acenaphthene	9.95	154	655271	44.084	nq	98
53) 3-Nitroaniline	9.87	138	58722	11.937	nq	99
54) 2,4-Dinitrophenol	9.98	184	178732	85.944	nq	99
55) Dibenzofuran	10.13	168	989422	45.427	nq	96
56) 4-Nitrophenol	10.04	139	317421	92.978	nq	99
57) 2,4-Dinitrotoluene	10.11	165	259055	46.432	nq	95
58) Fluorene	10.47	166	786906	45.463	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	213466	47.443	nq	99
60) Diethylphthalate	10.34	149	854437	45.113	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	383395	44.023	nq	95
62) 4-Nitroaniline	10.49	138	192950	37.608	nq	99
63) Azobenzene	10.62	77	734607	45.434	nq	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	129390	46.492	nq	90
66) n-Nitrosodiphenylamine	10.58	169	704606	44.773	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	249620	43.393	nq	96
68) Hexachlorobenzene	11.02	284	289047	42.690	nq	# 91
69) Atrazine	11.11	200	210586	53.926	nq	96
70) Pentachlorophenol	11.22	266	318502	100.027	nq	97
71) Phenanthrene	11.43	178	1189761	44.412	nq	100
72) Anthracene	11.49	178	1233929	46.173	nq	99
73) Carbazole	11.64	167	1052039	43.877	nq	100
74) Di-n-butylphthalate	11.97	149	1360346	45.333	nq	99
75) Fluoranthene	12.63	202	1227185	44.806	nq	99
77) Benzidine	12.74	184	76547	8.875	nq	100
78) Pyrene	12.86	202	1230840	47.672	nq	99
80) Butylbenzylphthalate	13.47	149	556614	47.603	nq	96
81) Benzo(a)anthracene	14.05	228	996101	43.969	nq	100
82) 3,3'-Dichlorobenzidine	14.01	252	129821	17.448	nq	98
83) Chrysene	14.09	228	956237	44.188	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	769797	49.927	nq	99
85) Di-n-octyl phthalate	14.64	149	1171954	50.177	nq	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	941093	51.685	nq	100
88) Benzo(b)fluoranthene	15.11	252	878701	43.908	nq	99
89) Benzo(k)fluoranthene	15.14	252	825680	42.948	nq	99
90) Benzo(a)pyrene	15.49	252	804972	45.544	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	784569	51.754	nq	99
92) Benzo(g,h,i)perylene	17.52	276	789005	54.162	nq	98

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



#1

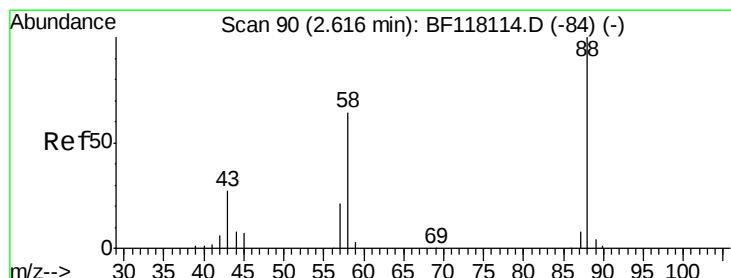
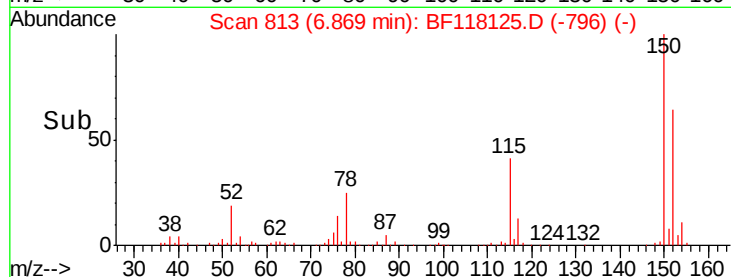
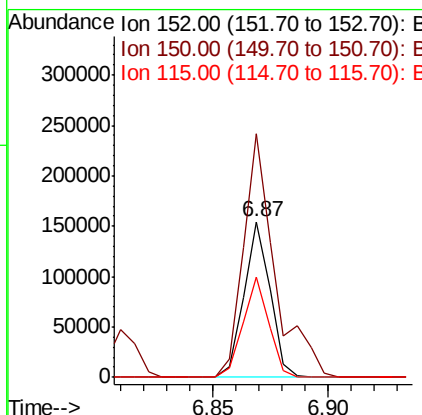
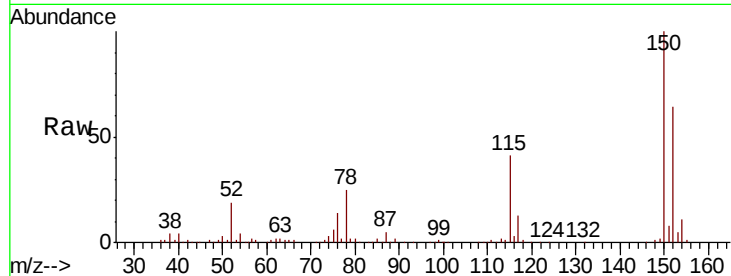
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	128.3	192.5
115	64.2	51.1	76.7

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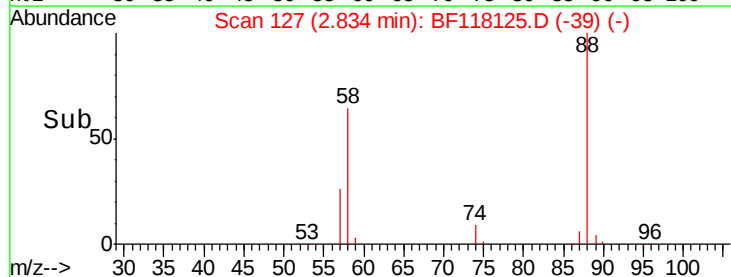
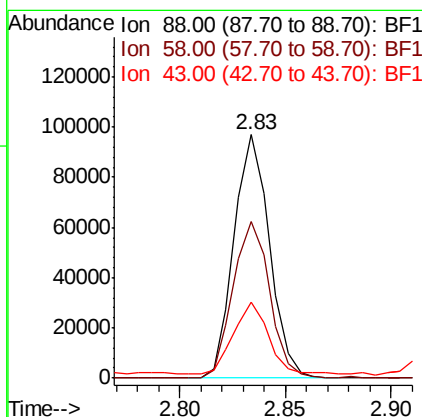
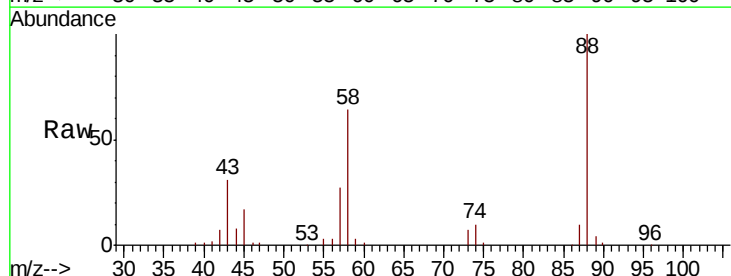
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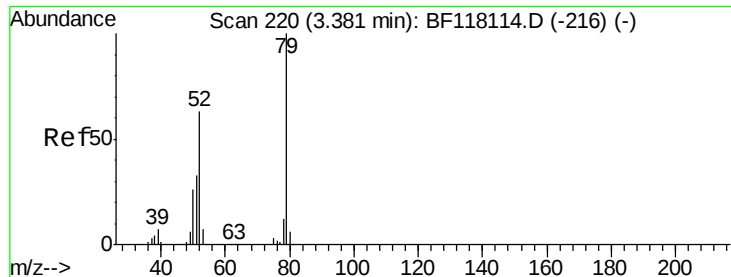


#2

1,4-Dioxane
Concen: 38.229 ng
RT: 2.83 min Scan# 127
Delta R.T. 0.22 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	52.2	78.4
43	0.0	21.4	32.2#





#3

Pvridine

Concen: 26.678 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.16 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

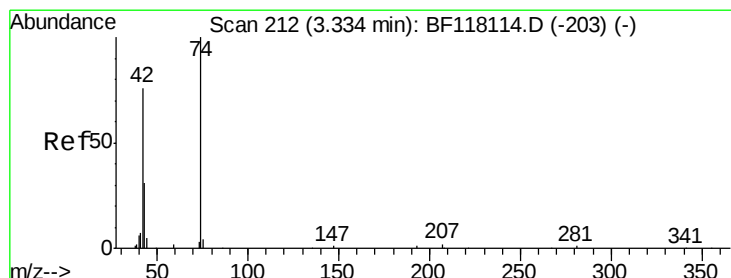
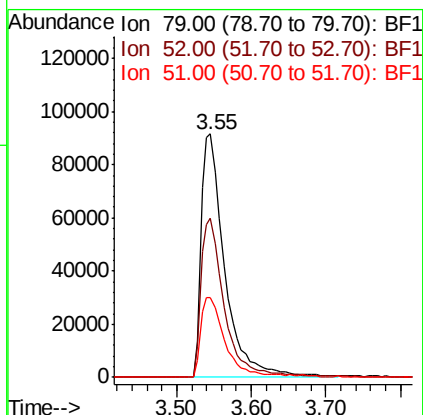
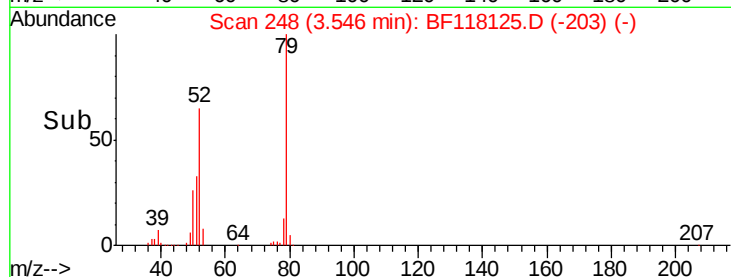
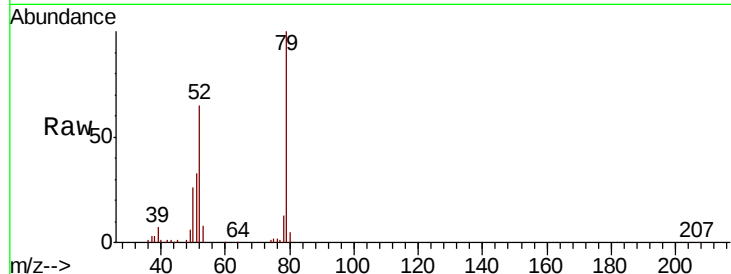
ClientSampleId :

WCMS

Tot Ion:	79	Resp:	202612
Ion Ratio	Lower	Upper	
79	100		
52	65.2	50.7	76.1
51	32.7	26.4	39.6

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#4

n-Nitrosodimethylamine

Concen: 46.131 ng

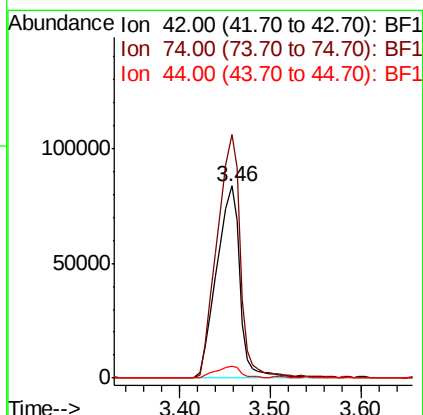
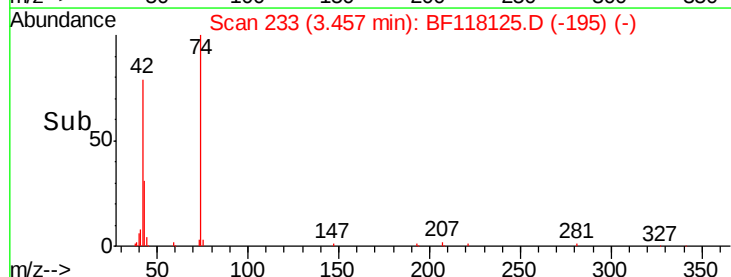
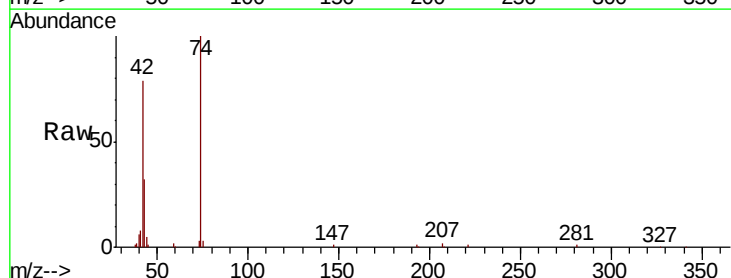
RT: 3.46 min Scan# 233

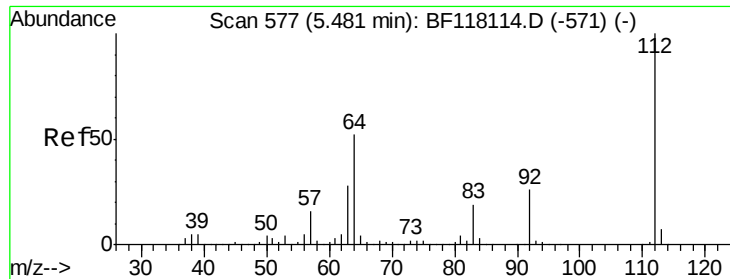
Delta R.T. 0.12 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Tgt Ion:	42	Resp:	150720
Ion Ratio	Lower	Upper	
42	100		
74	126.6	104.6	157.0
44	6.1	5.1	7.7





#5

2-Fluorophenol

Concen: 133.840 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.02 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

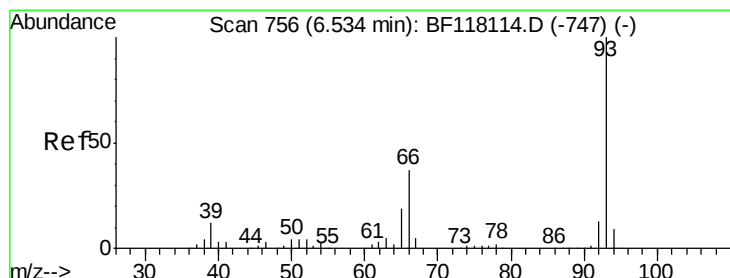
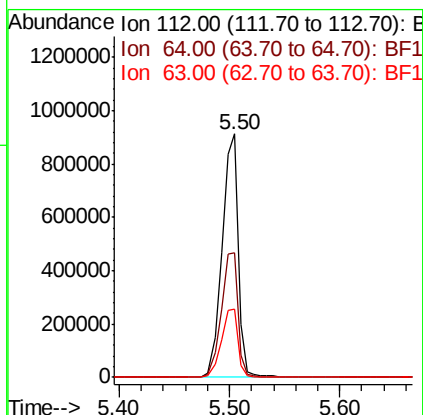
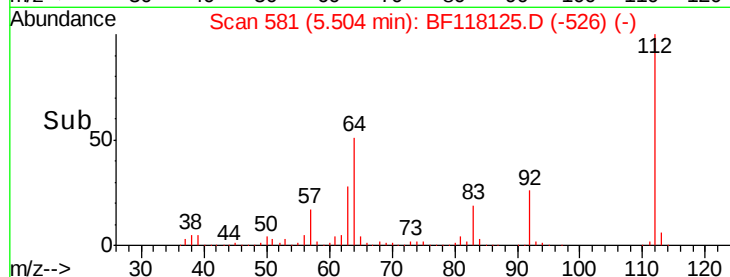
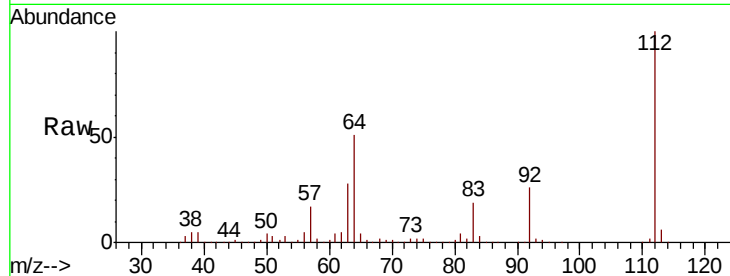
ClientSampleId :

WCMS

Tot Ion:	112	Resp:	934387
Ion Ratio	Lower	Upper	
112	100		
64	50.9	41.3	61.9
63	28.1	22.4	33.6

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#6

Aniline

Concen: 8.709 ng

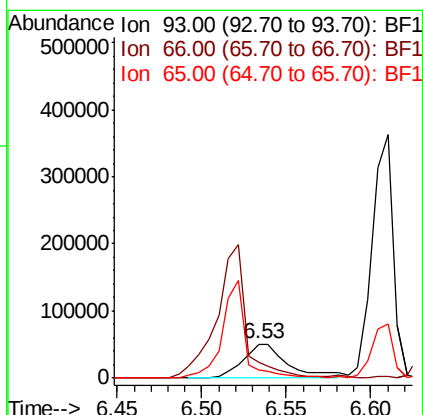
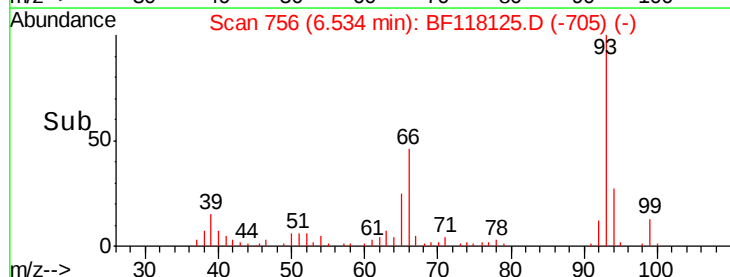
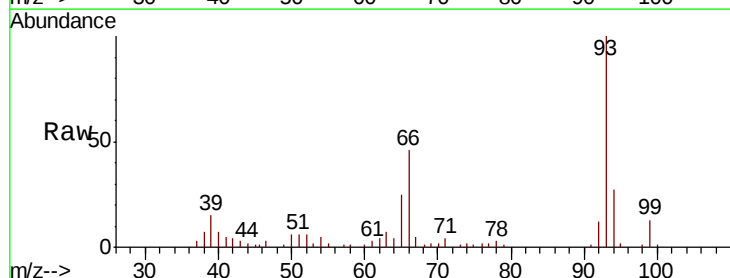
RT: 6.53 min Scan# 756

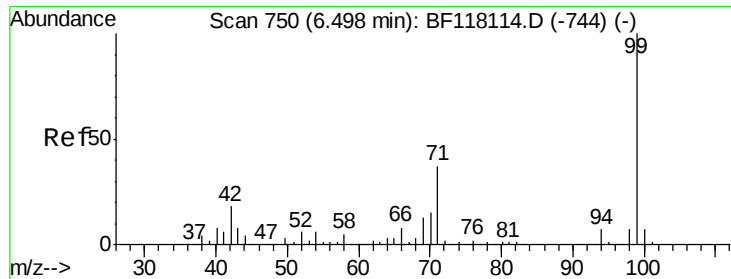
Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Tgt Ion:	93	Resp:	94067
Ion Ratio	Lower	Upper	
93	100		
66	45.8	30.2	45.2#
65	24.7	15.5	23.3#





#7

Phenol-d6

Concen: 139.319 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

WCMS

Tot Ion: 99 Resp: 1176432

Ion Ratio Lower Upper

99 100

42 17.3 14.1 21.1

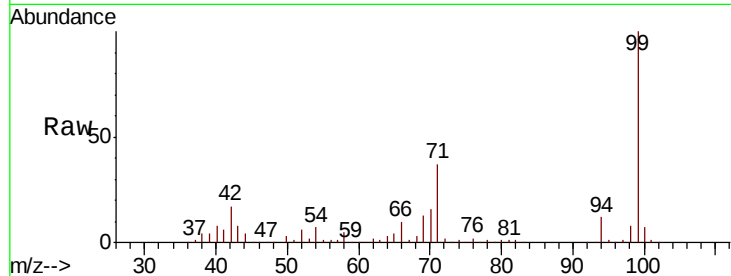
71 37.2 29.7 44.5

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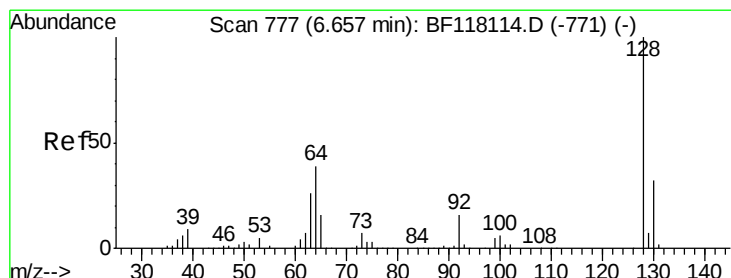
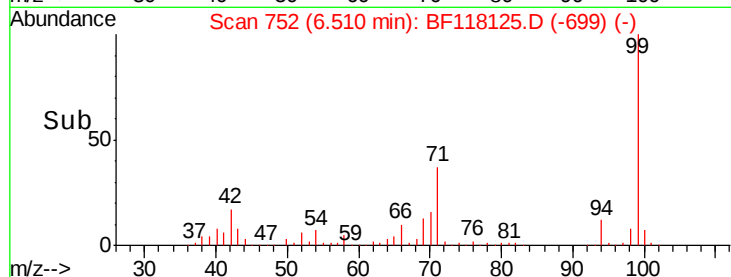
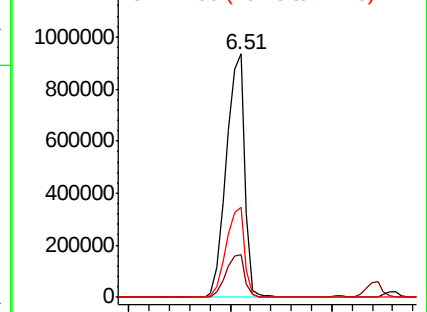


Abundance

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: 47.479 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

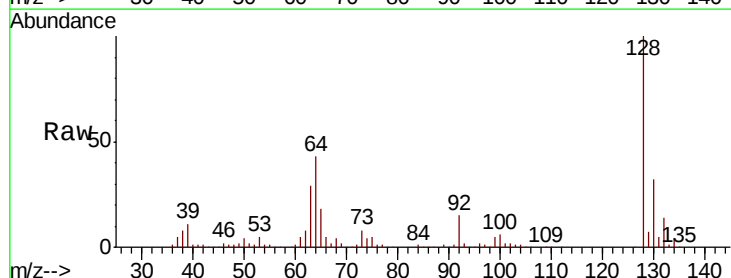
Tgt Ion:128 Resp: 373761

Ion Ratio Lower Upper

128 100

130 31.6 12.1 52.1

64 43.4 19.3 59.3

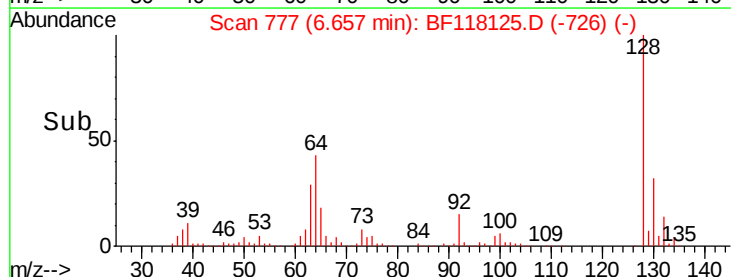
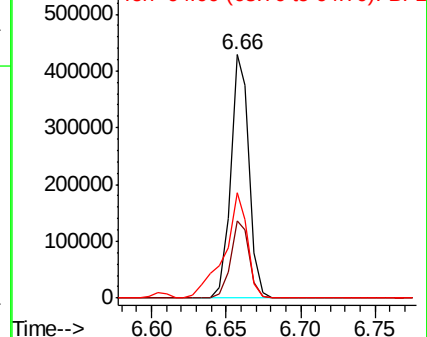


Abundance

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: 11.511 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

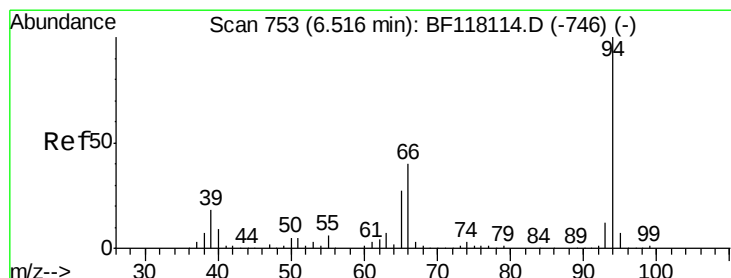
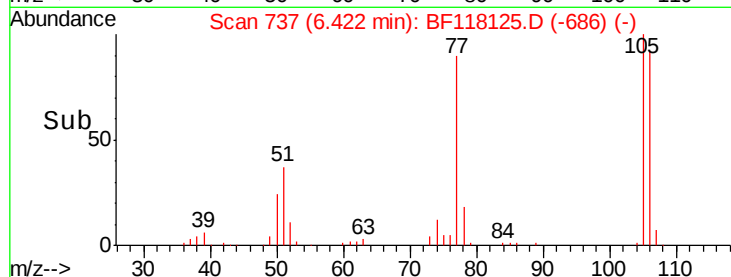
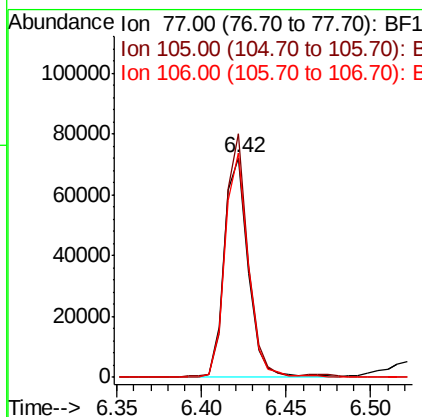
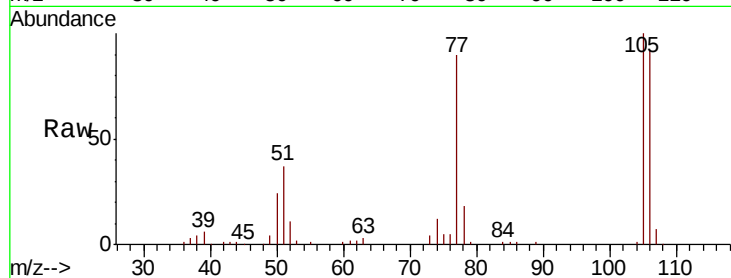
ClientSampleID :

WCMS

Tot Ion:	77	Resp:	71408
Ion	Ratio	Lower	Upper
77	100		
105	110.9	86.4	126.4
106	102.4	83.8	123.8

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#10

Phenol

Concen: 43.584 ng

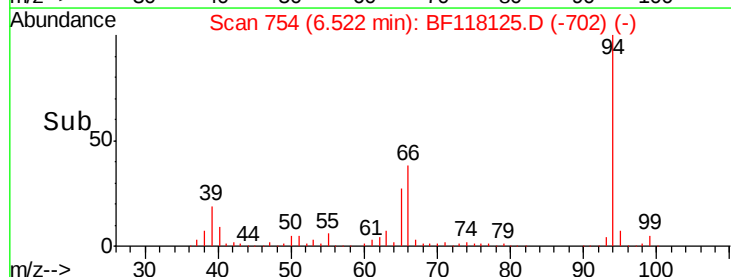
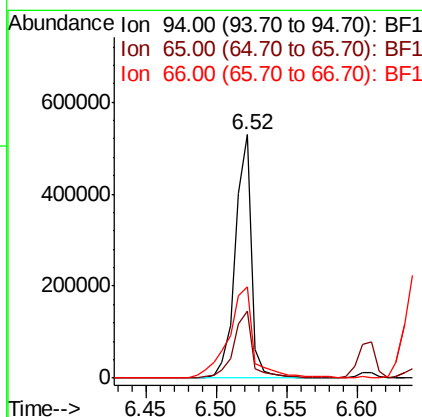
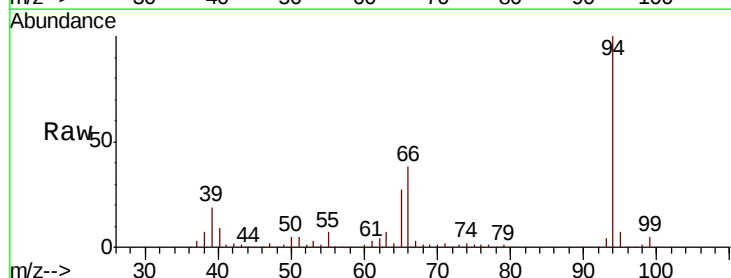
RT: 6.52 min Scan# 754

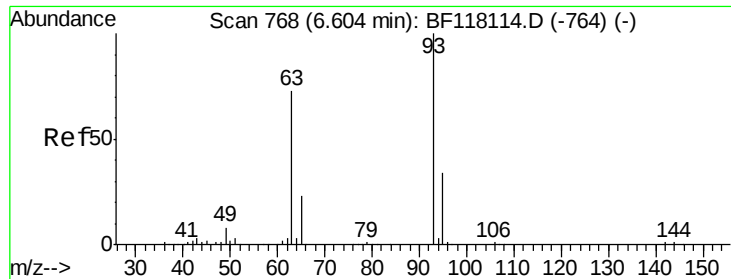
Delta R.T. 0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Tgt Ion:	94	Resp:	419713
Ion	Ratio	Lower	Upper
94	100		
65	27.5	7.3	47.3
66	37.5	20.2	60.2





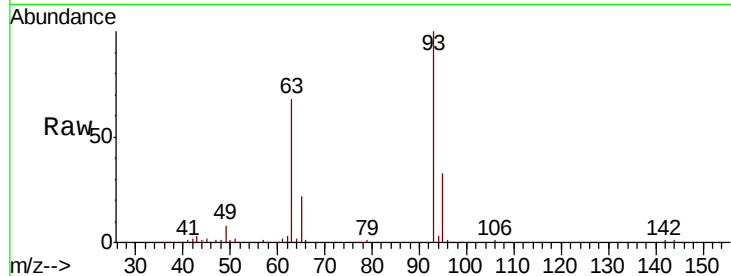
#11
bis(2-Chloroethyl)ether
Concen: 44.739 ng
RT: 6.61 min Scan# 769
Delta R.T. 0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleID :
WCMS

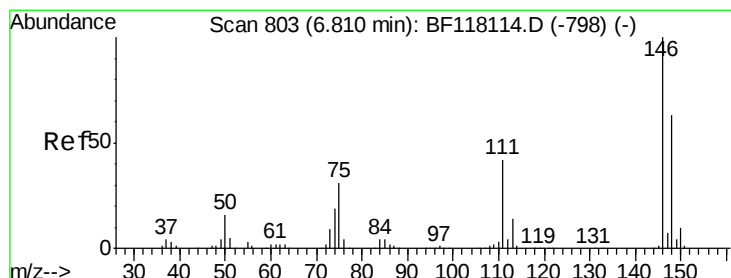
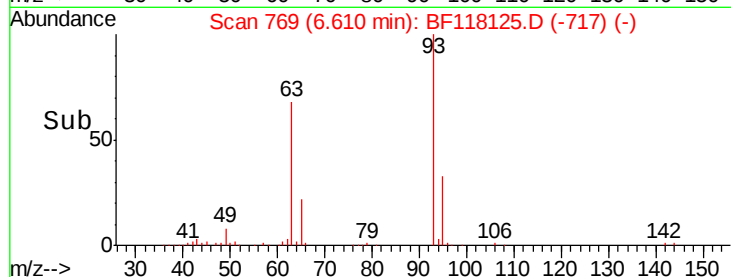
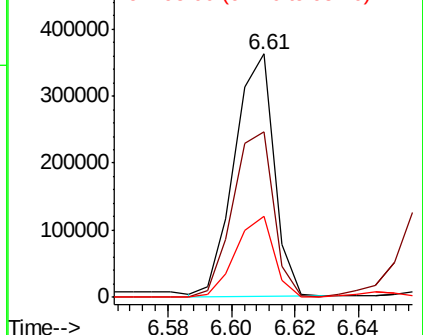
Tot Ion:	93	Resp:	311598
Ion	Ratio	Lower	Upper
93	100		
63	68.0	53.2	93.2
95	33.3	13.8	53.8

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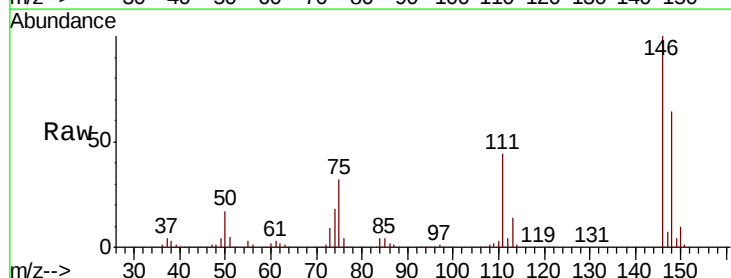


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

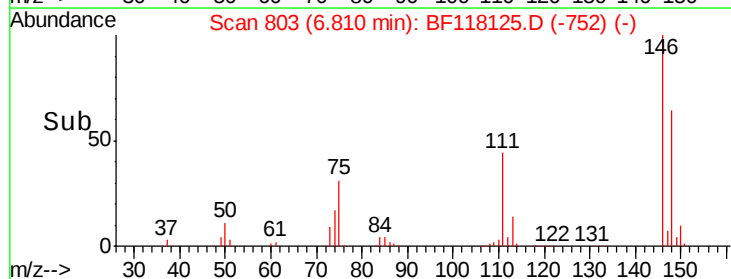
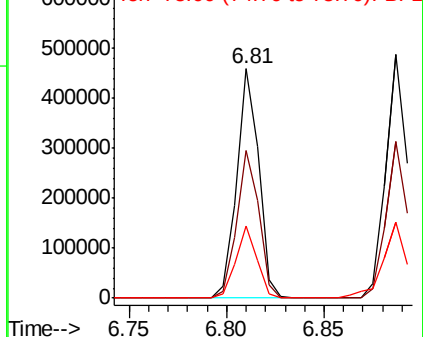


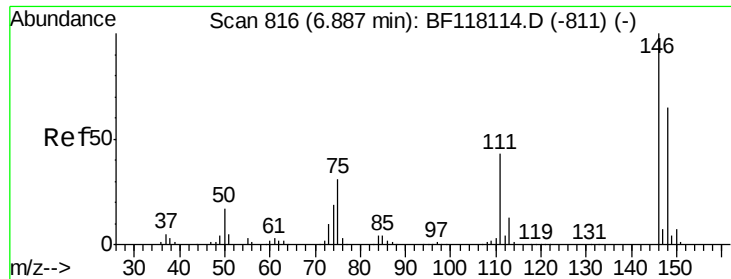
#12
1,3-Dichlorobenzene
Concen: 38.969 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:	146	Resp:	358358
Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.4
75	31.5	24.6	37.0



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





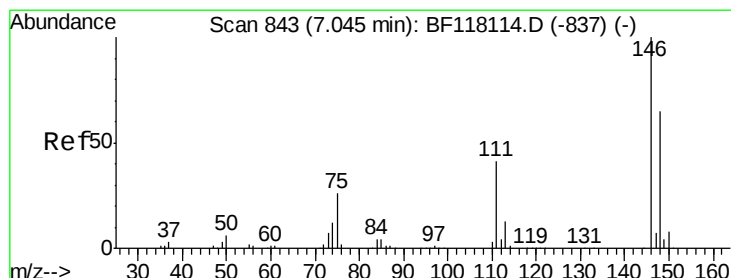
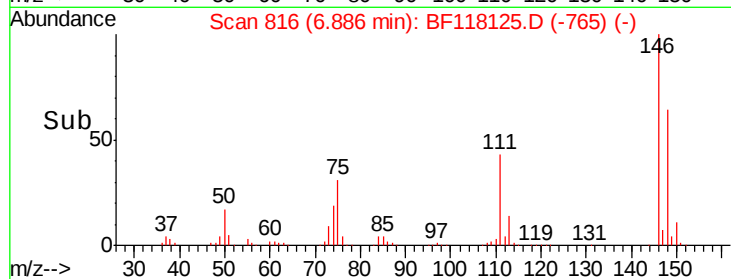
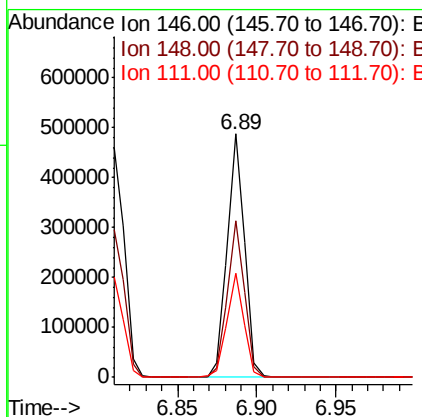
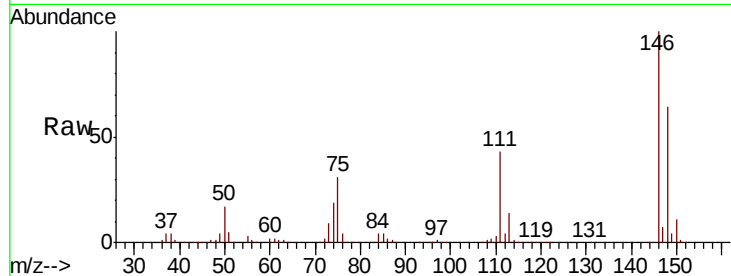
#13
1,4-Dichlorobenzene
Concen: 40.009 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
111	42.8	34.6	52.0

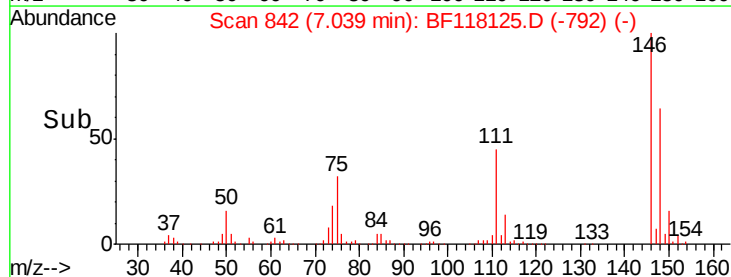
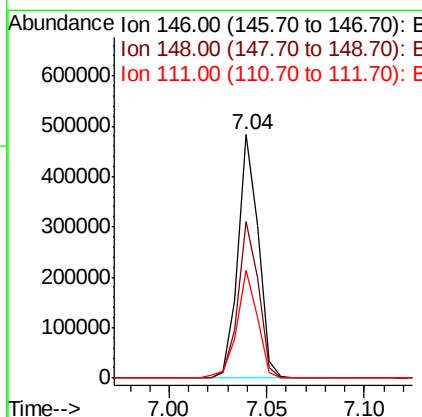
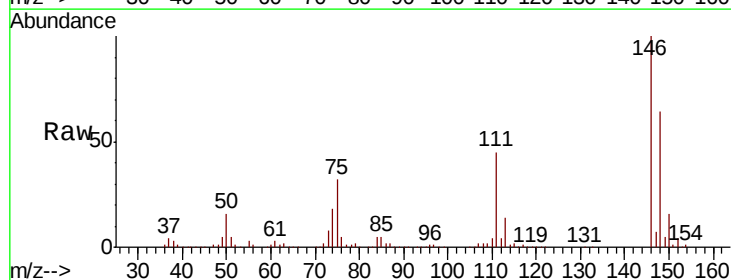
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#14
1,2-Dichlorobenzene
Concen: 40.425 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.2	78.2
111	44.6	33.1	49.7





#15

Benzyl Alcohol

Concen: 47.881 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

WCMS

Tot Ion: 79 Resp: 315612

Ion Ratio Lower Upper

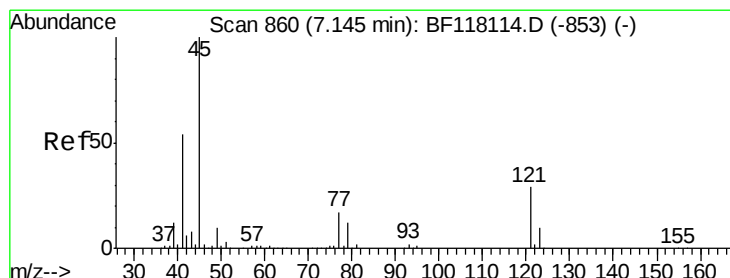
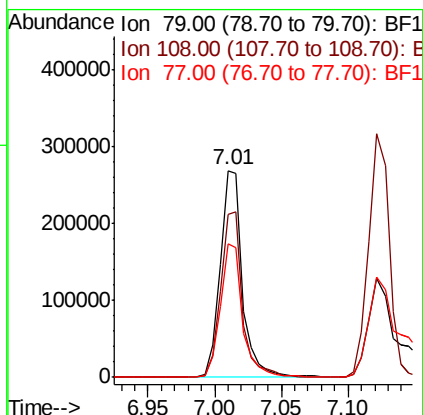
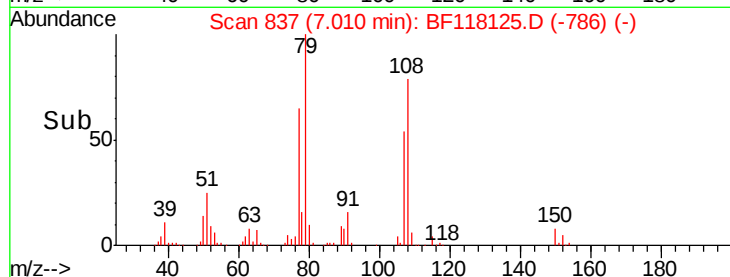
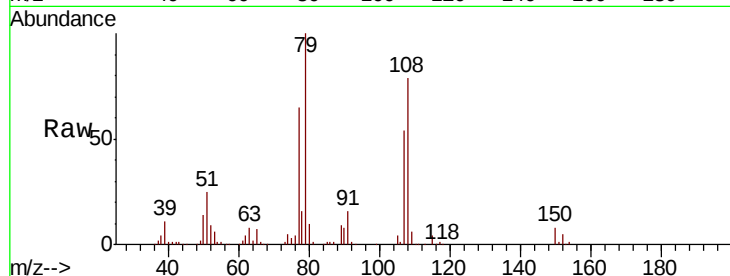
79 100

108 78.5 62.7 94.1

77 64.7 51.4 77.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.728 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

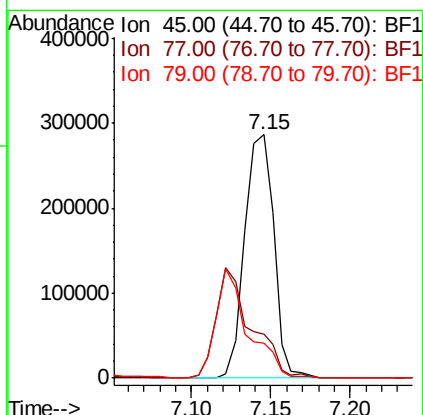
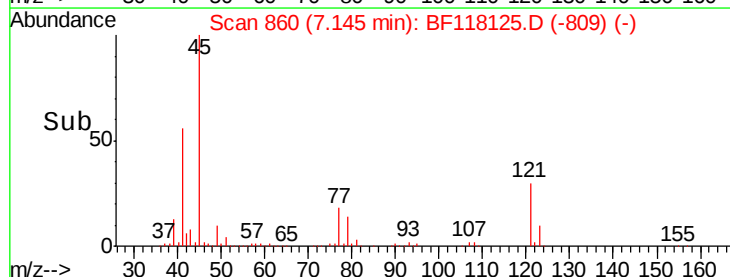
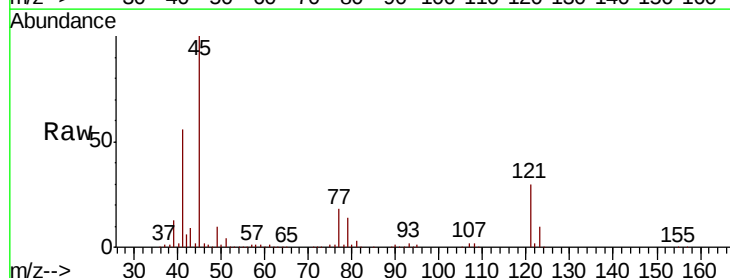
Tgt Ion: 45 Resp: 366191

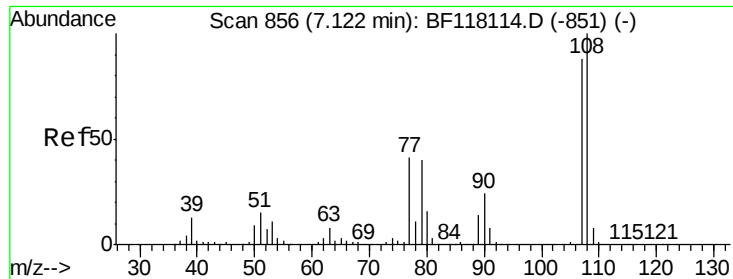
Ion Ratio Lower Upper

45 100

77 18.2 0.0 38.0

79 14.3 0.0 33.2





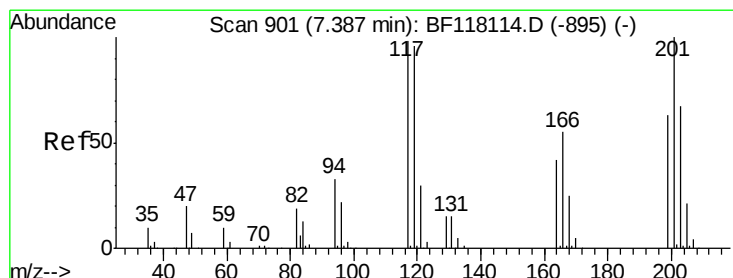
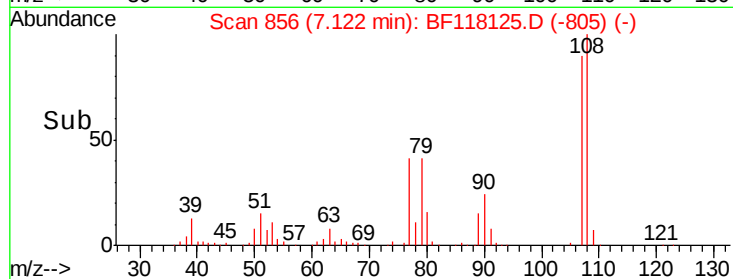
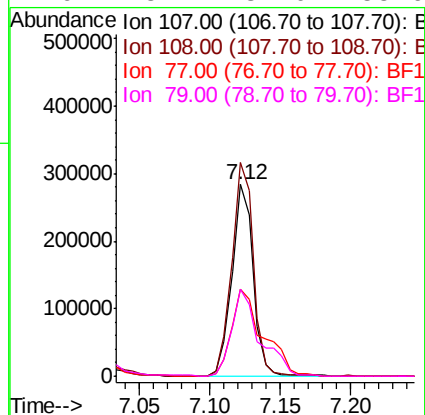
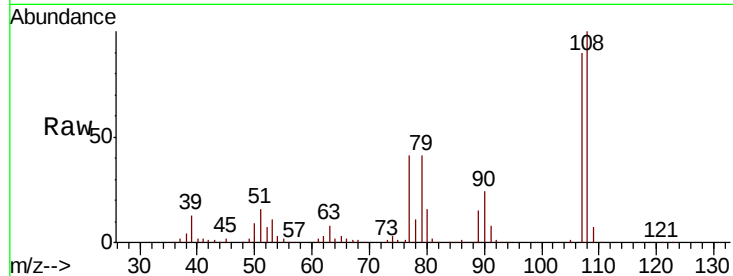
#17
2-Methylphenol
Concen: 47.487 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampled :
WCMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	297321		
108	111.4	91.1	136.7	
77	45.6	37.8	56.6	
79	45.4	37.0	55.6	

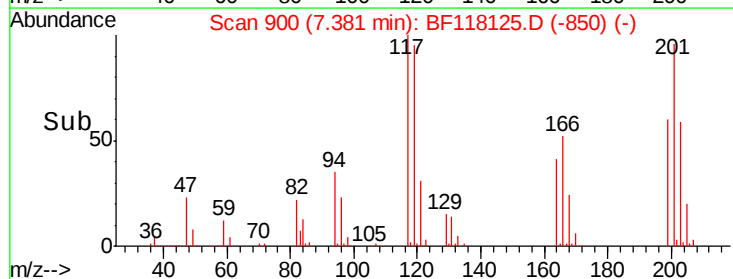
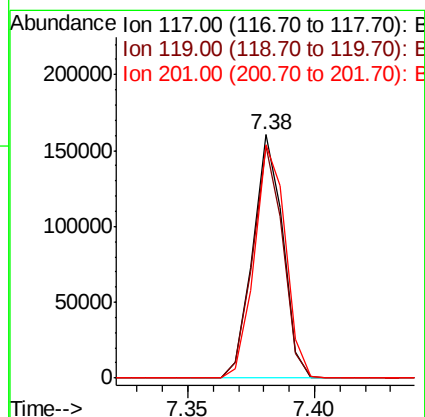
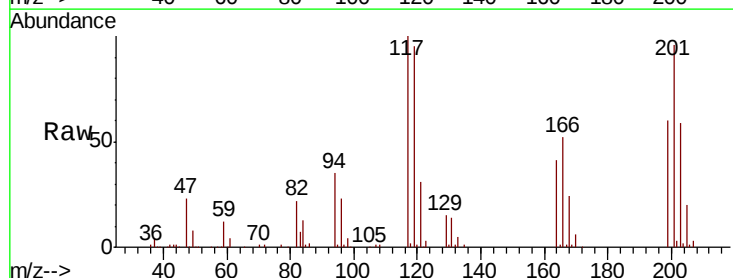
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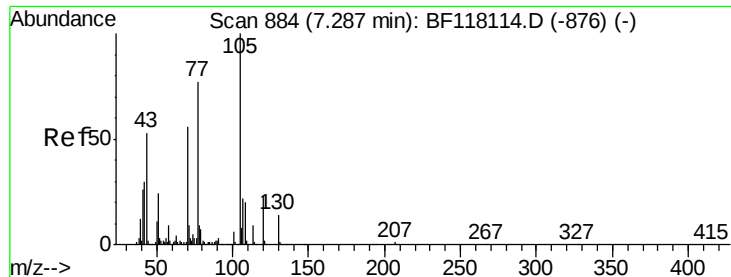
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#18
Hexachloroethane
Concen: 38.756 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	132237		
119	95.5	78.2	117.4	
201	96.1	81.6	122.4	





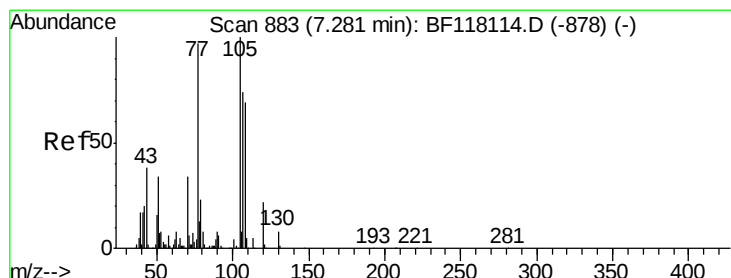
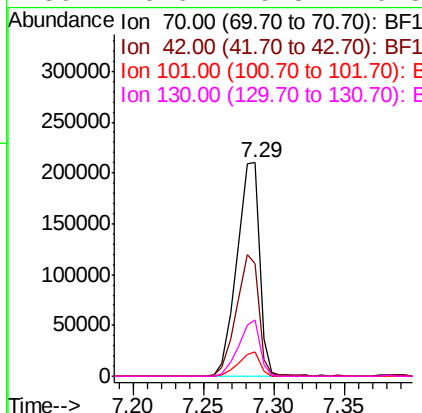
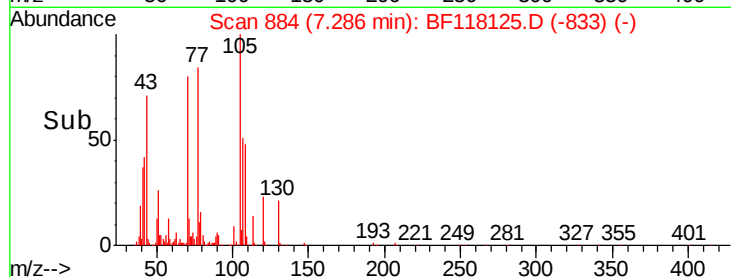
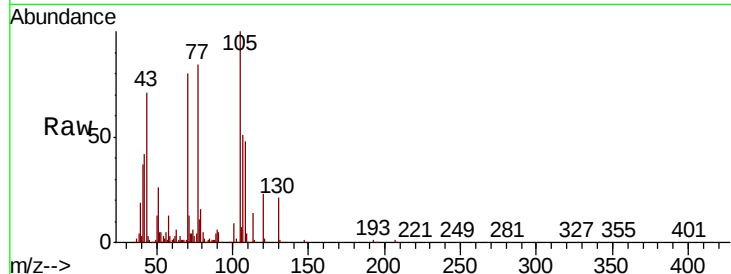
#19
n-Nitroso-di-n-propylamine
Concen: 45.975 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.6	43.2	64.8
101	11.1	8.1	12.1
130	26.6	19.8	29.8

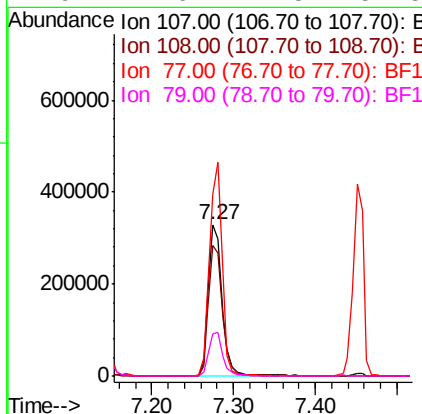
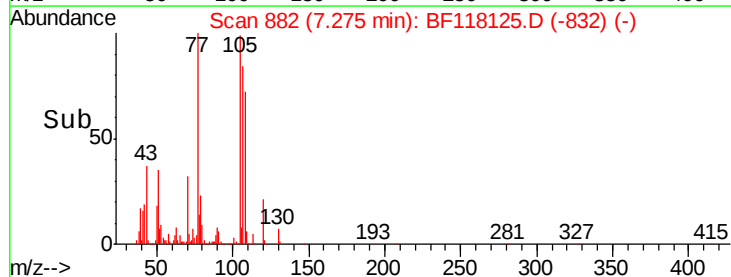
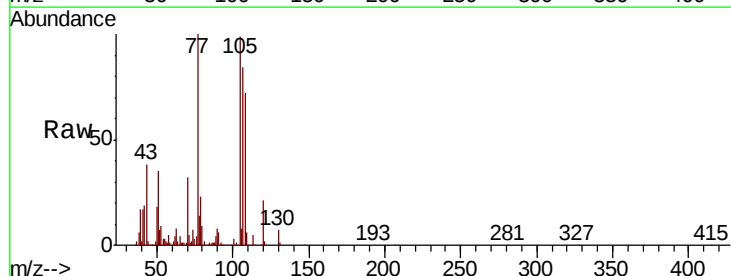
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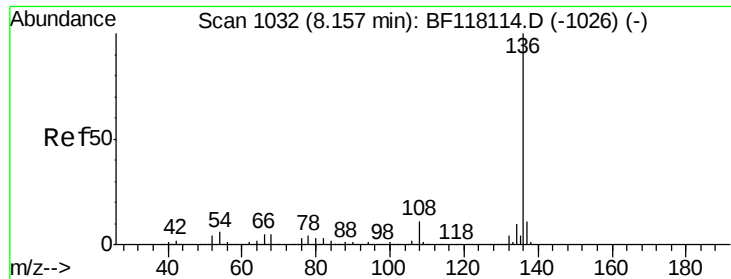
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#20
3+4-Methylphenols
Concen: 48.553 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	73.2	113.2
77	119.5	110.9	150.9
79	27.6	11.5	51.5





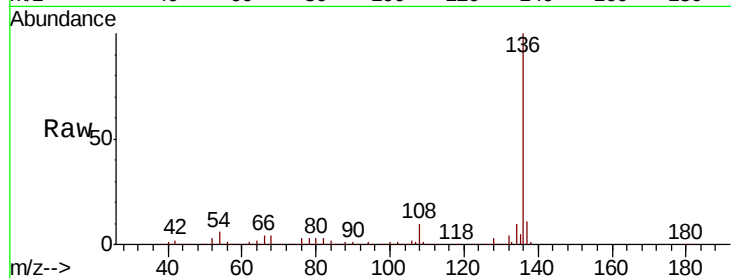
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	487449		
137	10.7		9.0	13.6
54	5.8		5.0	7.6
68	4.2		3.8	5.8

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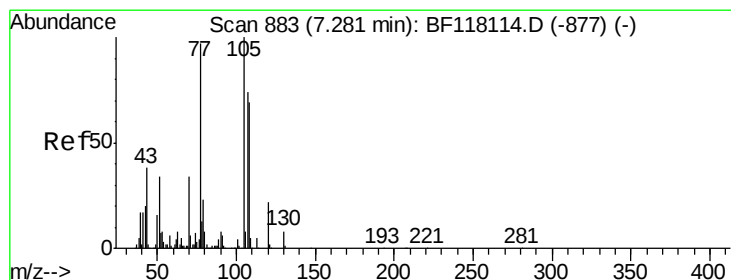
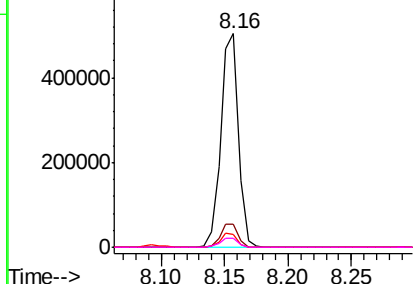
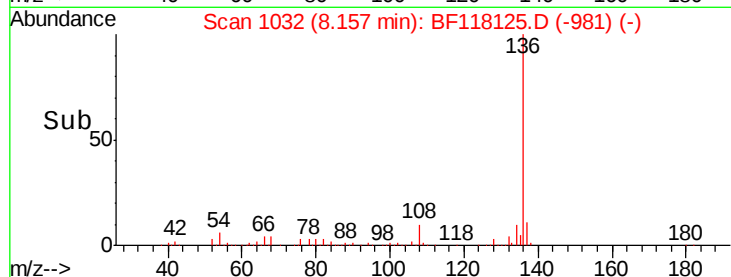
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

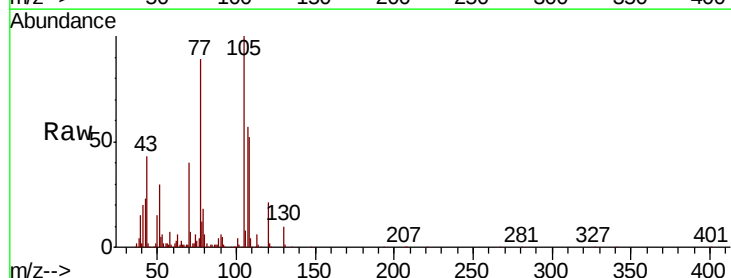
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 43.317 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	507280		
71	6.9		4.7	7.1
51	29.7		27.1	40.7
120	21.4		17.8	26.6



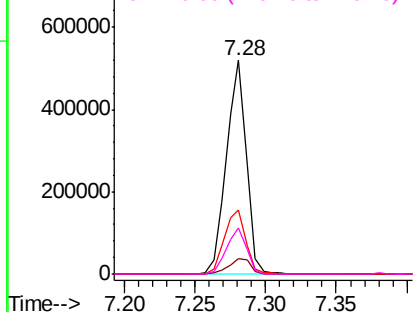
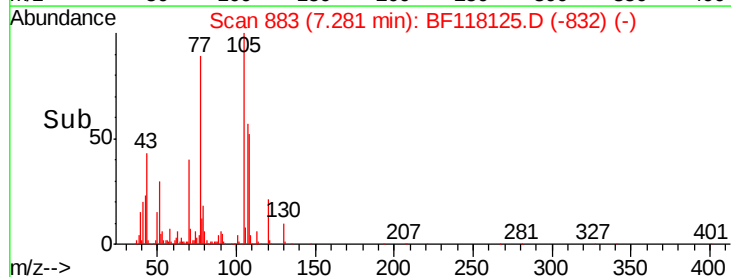
Abundance

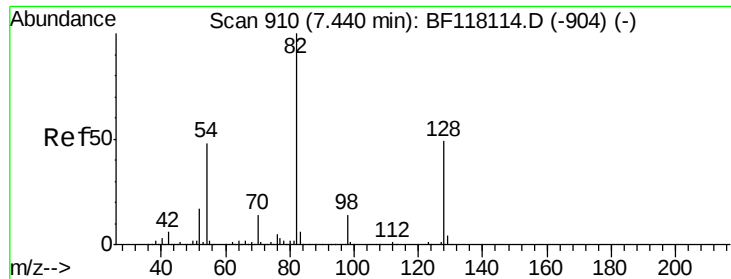
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 83.672 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

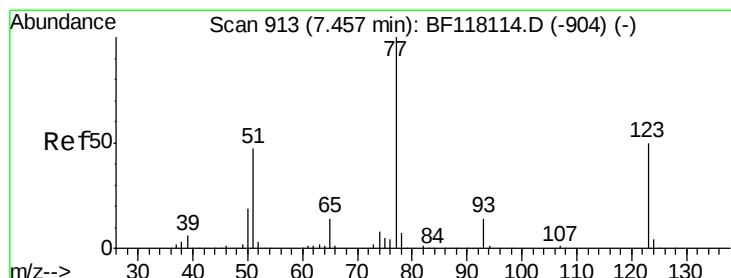
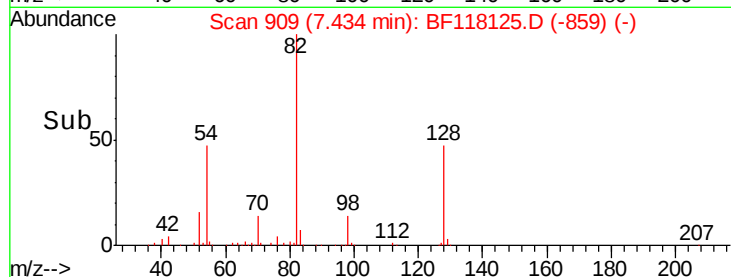
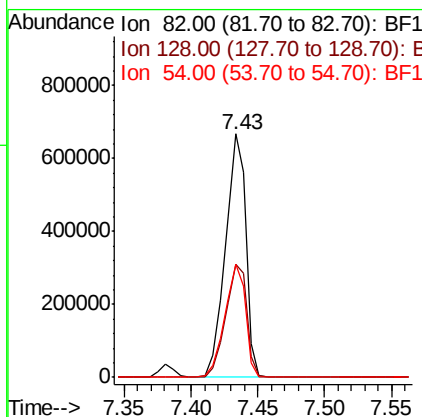
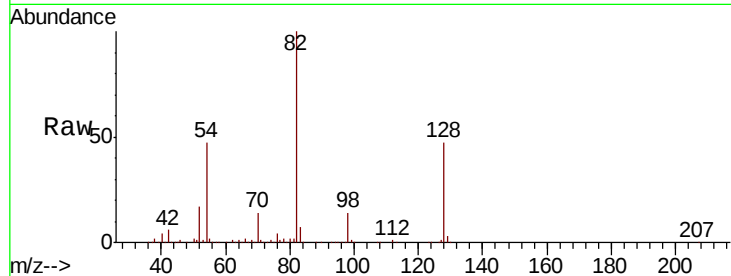
ClientSampleId :

WCMS

Tot Ion:	82	Resp:	724983
Ion Ratio	Lower	Upper	
82	100		
128	46.7	39.1	58.7
54	46.7	38.2	57.2

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#24

Nitrobenzene

Concen: 43.047 ng

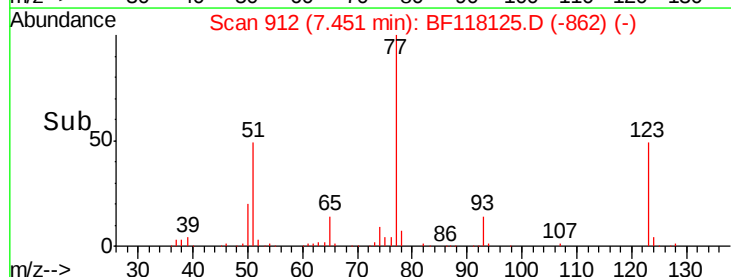
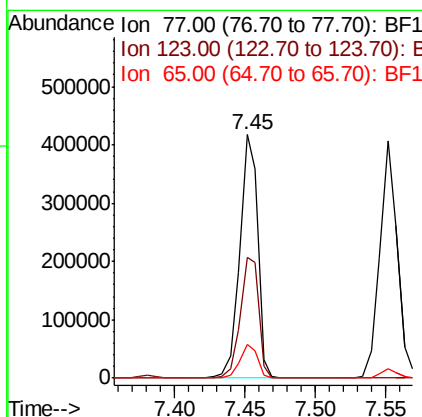
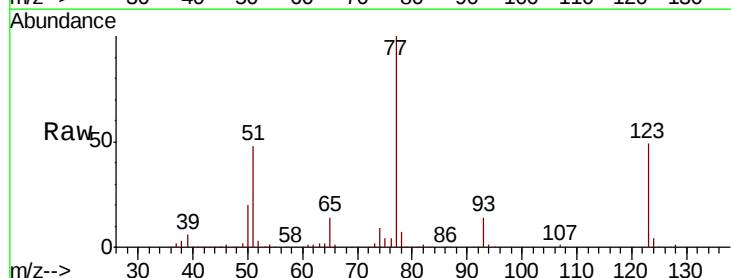
RT: 7.45 min Scan# 912

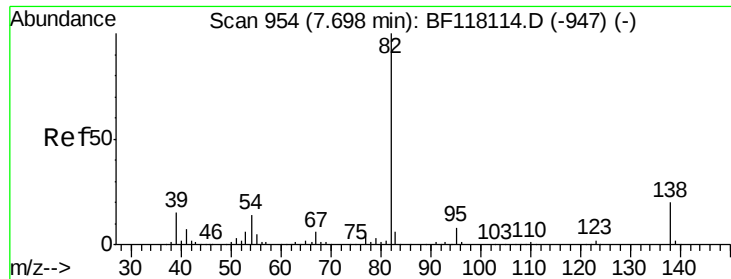
Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Tgt Ion:	77	Resp:	366448
Ion Ratio	Lower	Upper	
77	100		
123	49.4	40.1	60.1
65	13.8	10.9	16.3





#25

Isophorone

Concen: 44.617 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

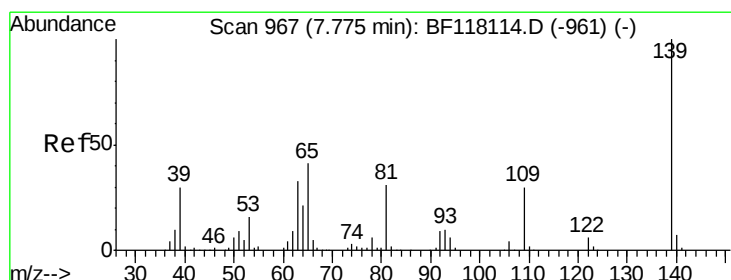
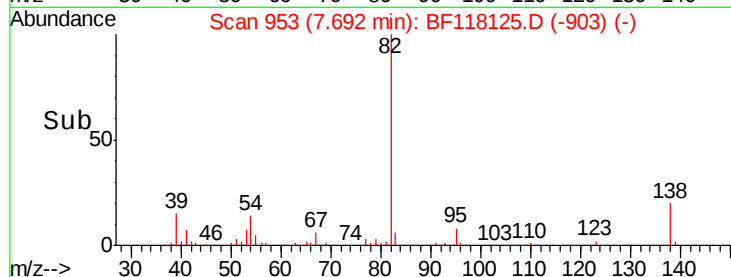
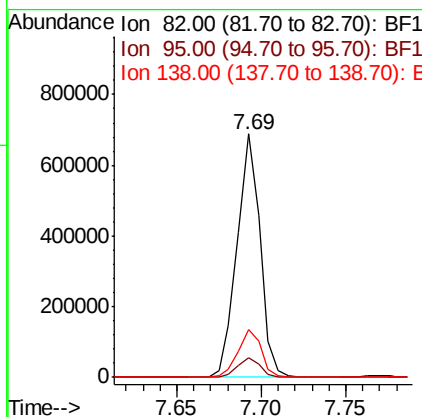
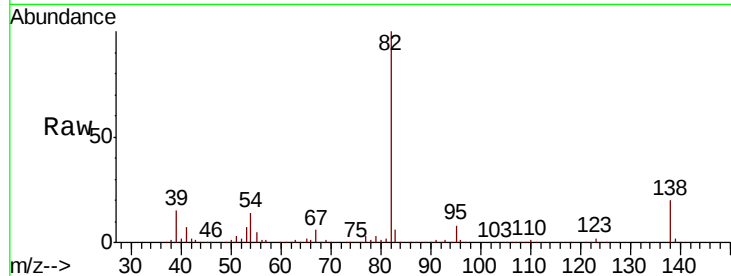
ClientSampleId :

WCMS

Tot Ion:	82	Resp:	655347
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.3	9.5
138	19.7	16.3	24.5

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#26

2-Nitrophenol

Concen: 45.440 ng

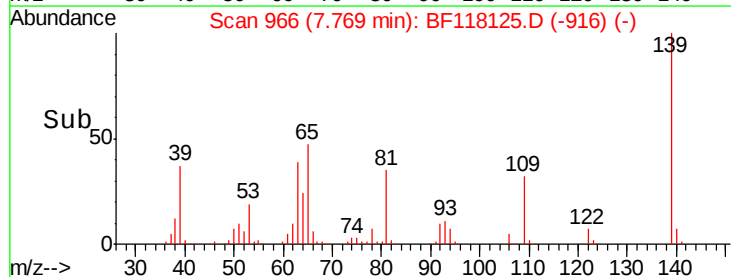
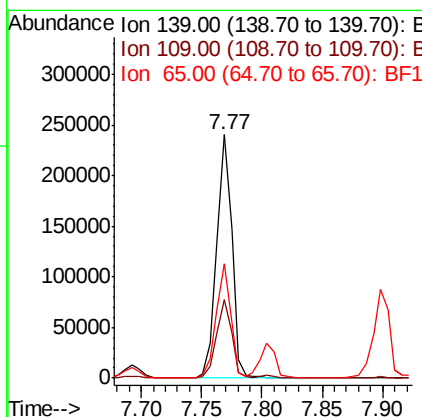
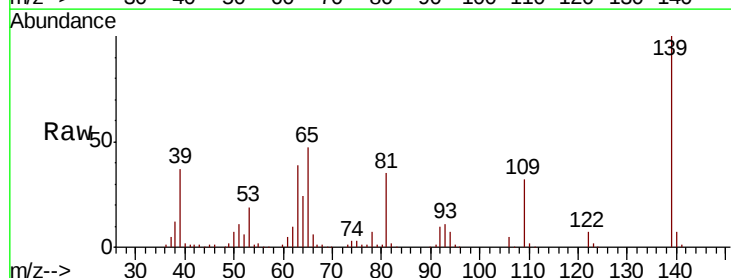
RT: 7.77 min Scan# 966

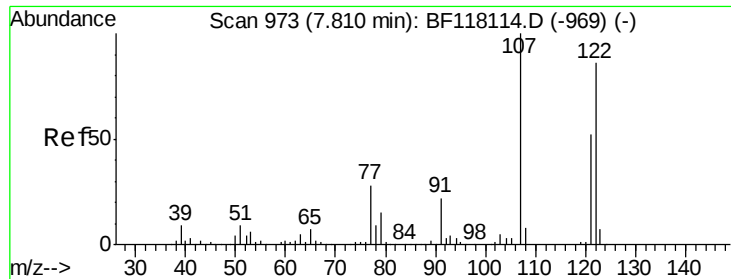
Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Tgt Ion:	139	Resp:	206752
Ion Ratio	Lower	Upper	
139	100		
109	32.0	23.9	35.9
65	47.0	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 53.757 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

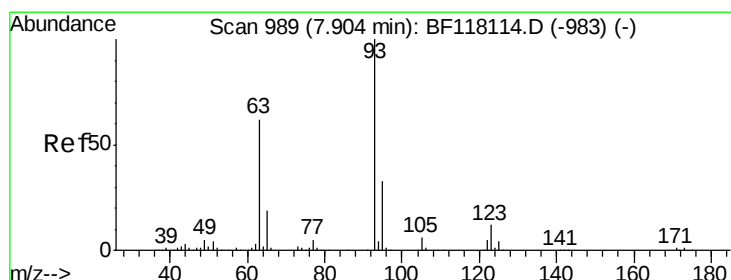
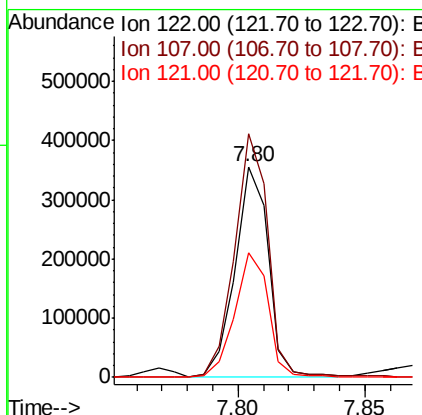
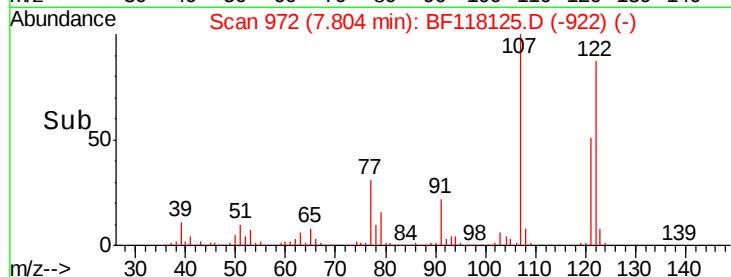
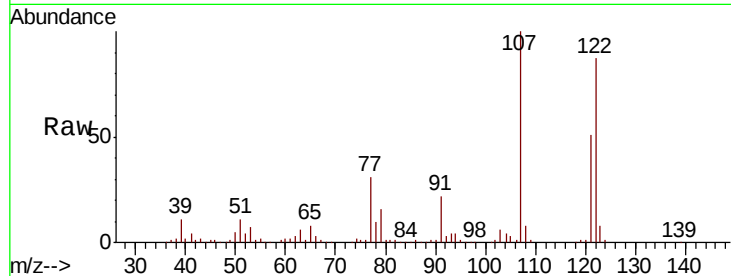
ClientSampled :

WCMS

Tot Ion:	122	Resp:	326262
Ion Ratio	Lower	Upper	
122	100		
107	115.5	92.9	139.3
121	58.8	48.3	72.5

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#28

bis(2-Chloroethoxy)methane

Concen: 42.664 ng

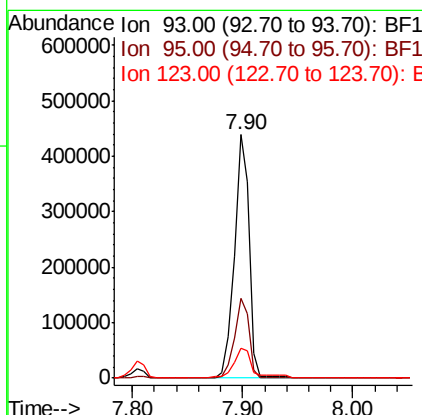
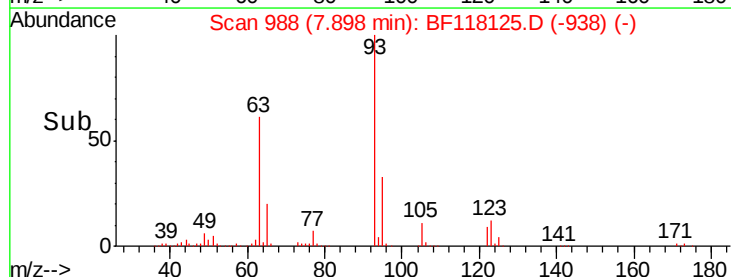
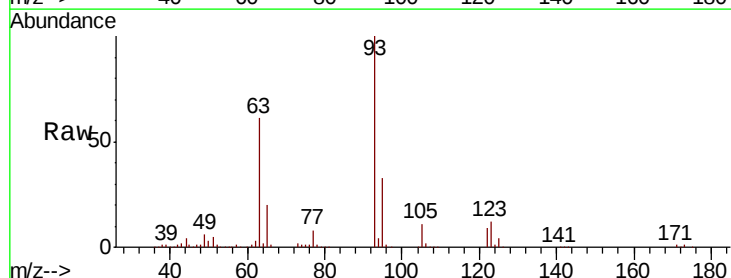
RT: 7.90 min Scan# 988

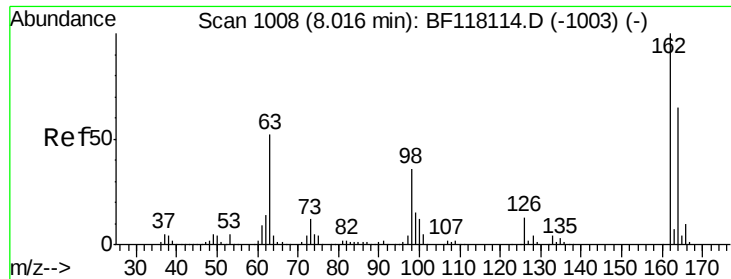
Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Tgt Ion:	93	Resp:	409477
Ion Ratio	Lower	Upper	
93	100		
95	32.6	26.7	40.1
123	12.0	10.0	15.0





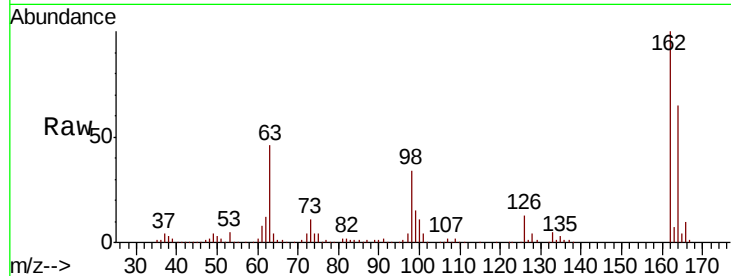
#29
2,4-Dichlorophenol
Concen: 45.192 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampled :
WCMS

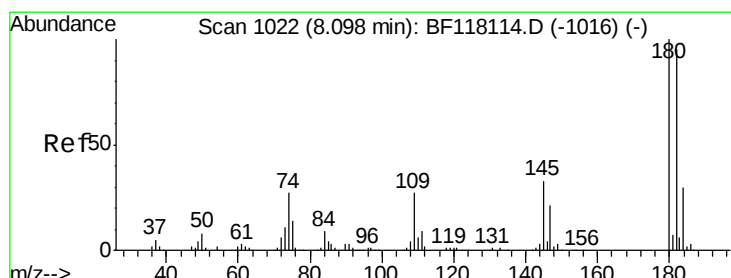
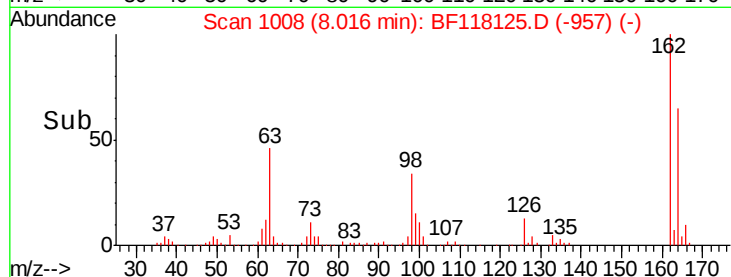
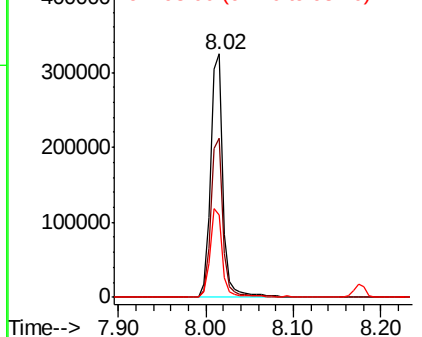
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	45.2	85.2
98	33.7	15.9	55.9

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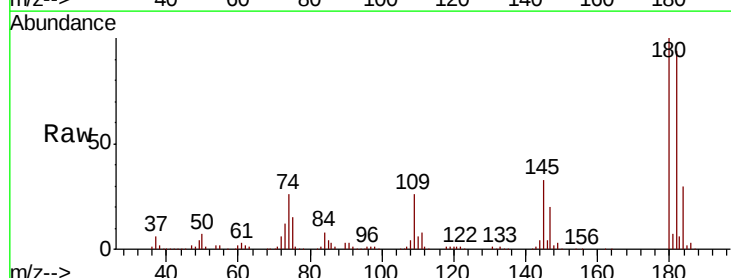


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

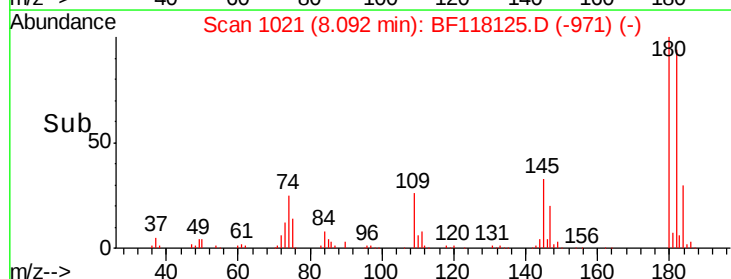
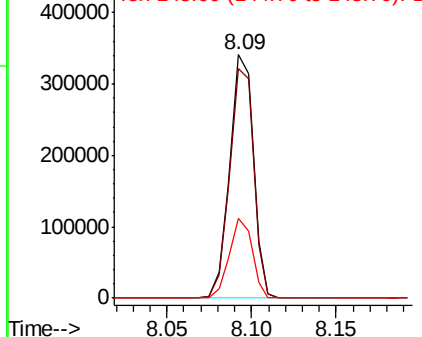


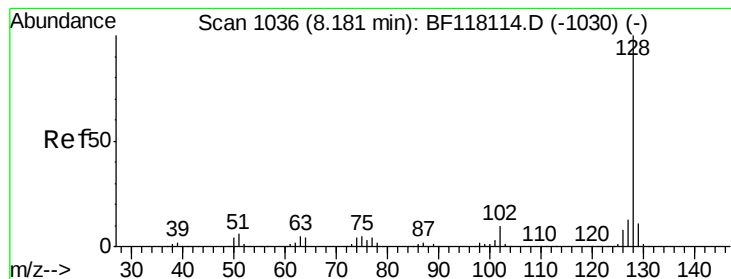
#30
1,2,4-Trichlorobenzene
Concen: 40.259 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.1	114.1
145	32.6	26.1	39.1



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.738 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampled :

WCMS

Tot Ion:128 Resp: 1046268

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

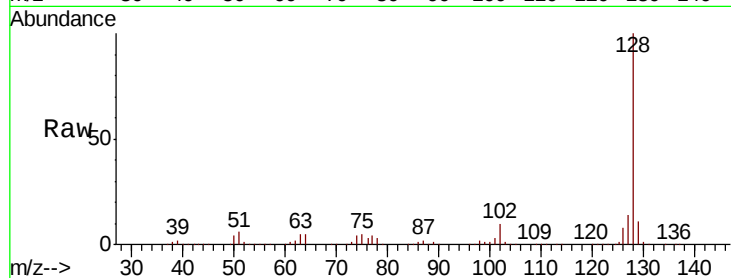
127 13.9 10.6 16.0

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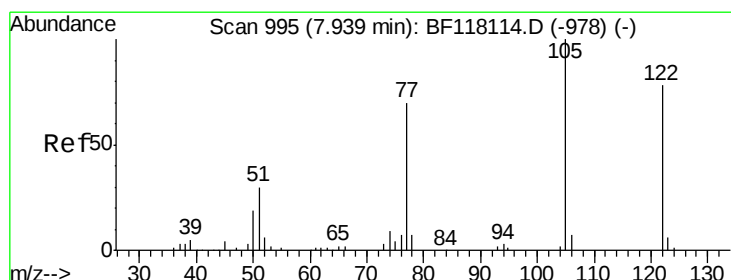
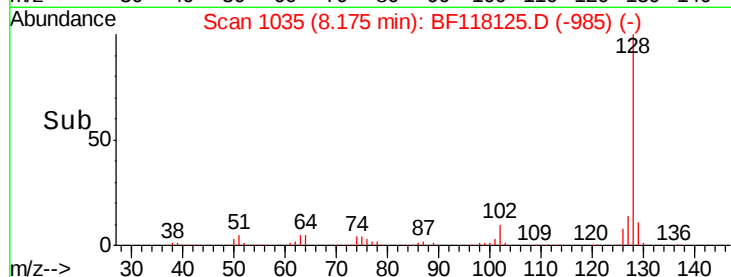
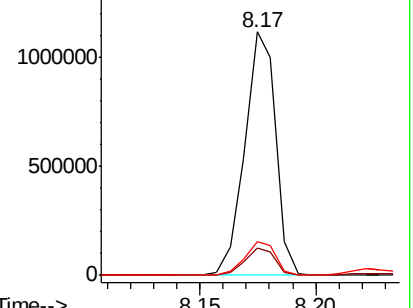
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Abundance Ion 128.00 (127.70 to 128.70): E

1500000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.811 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

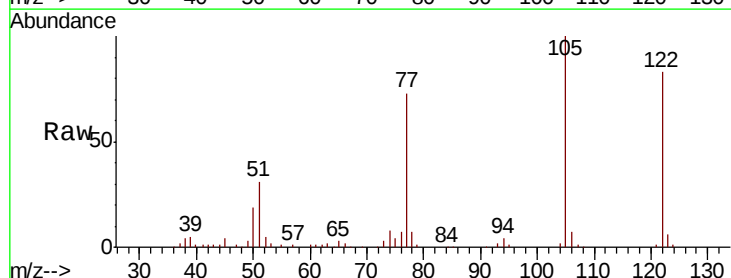
Tgt Ion:122 Resp: 240083

Ion Ratio Lower Upper

122 100

105 120.8 104.7 144.7

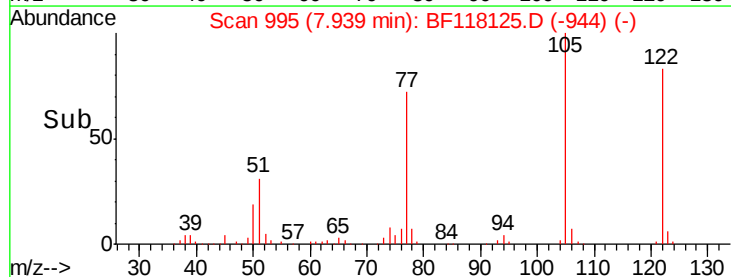
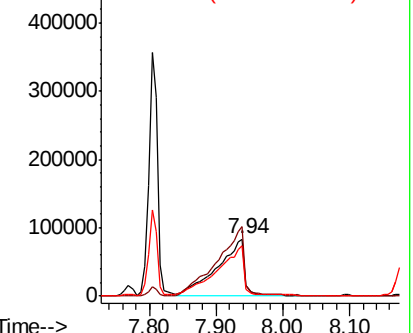
77 88.5 69.1 109.1

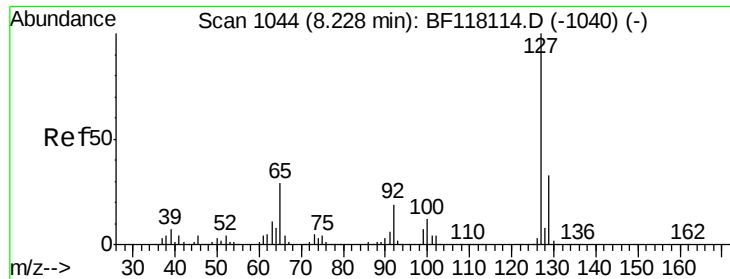


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





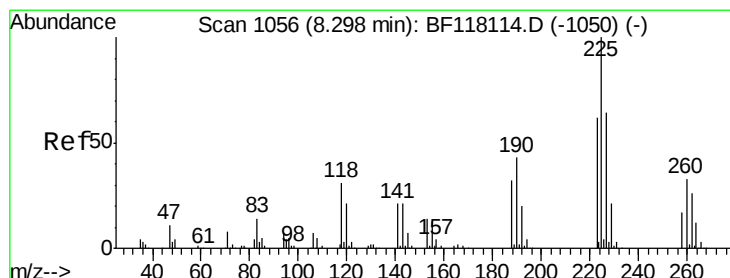
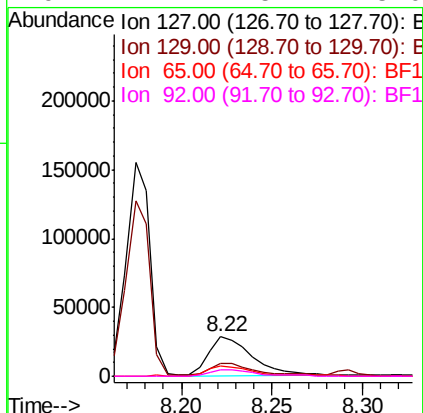
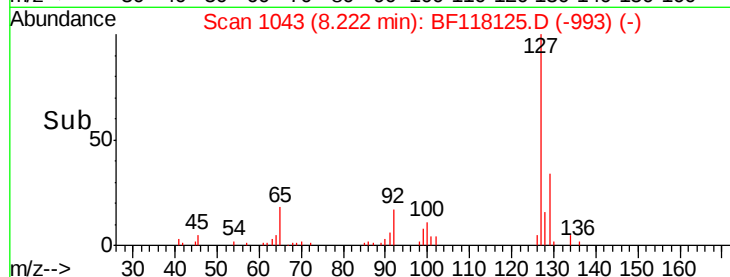
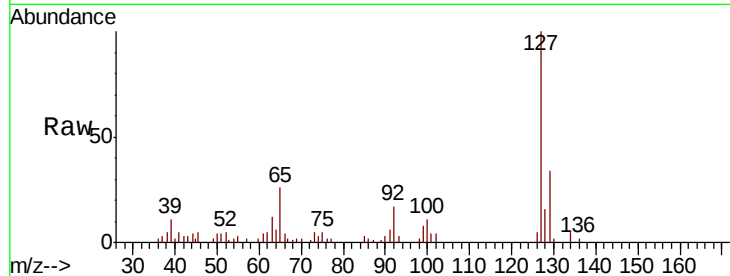
#33
4-Chloroaniline
Concen: 4.427 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	34.3	26.6	40.0		
65	25.9	23.2	34.8		
92	17.1	15.4	23.0		

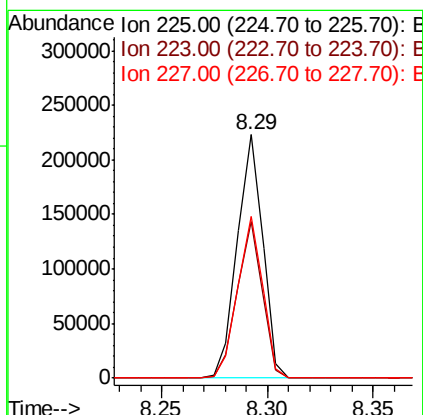
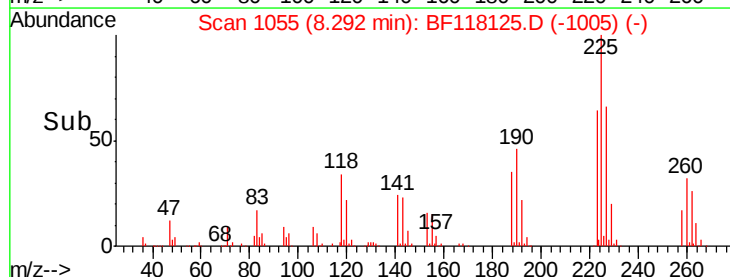
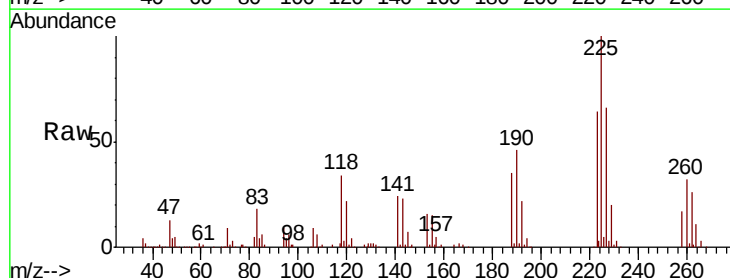
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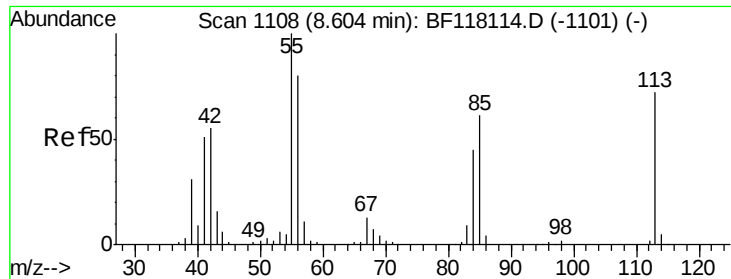
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#34
Hexachlorobutadiene
Concen: 37.464 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.3	49.6	74.4		
227	66.5	51.0	76.6		





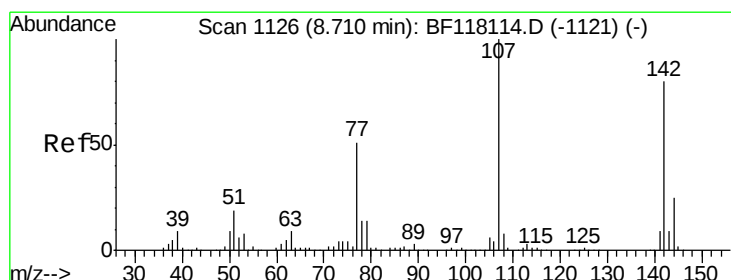
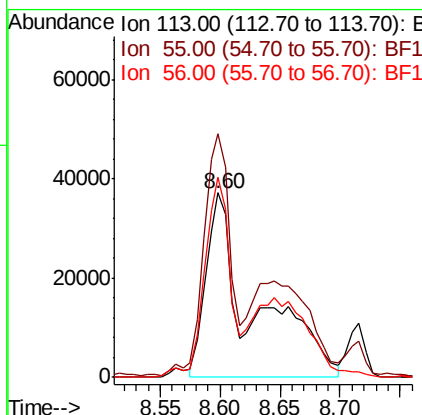
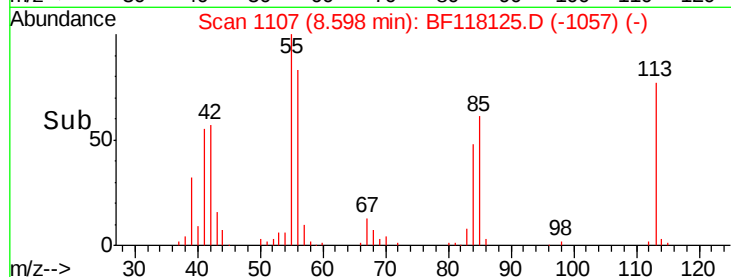
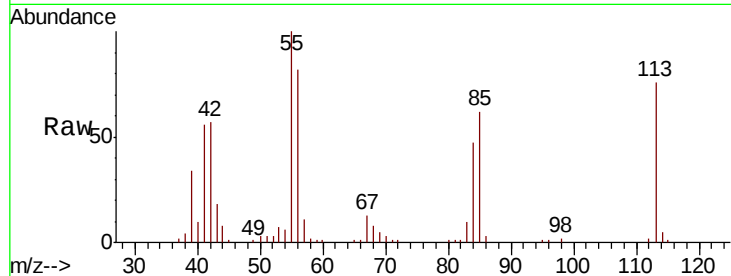
#35
Caprolactam
Concen: 46.579 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	132.0		118.9	158.9	
56	108.2		91.4	131.4	

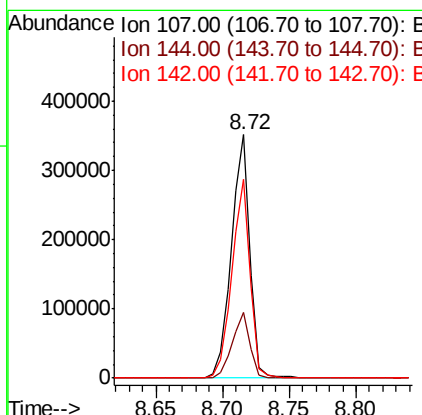
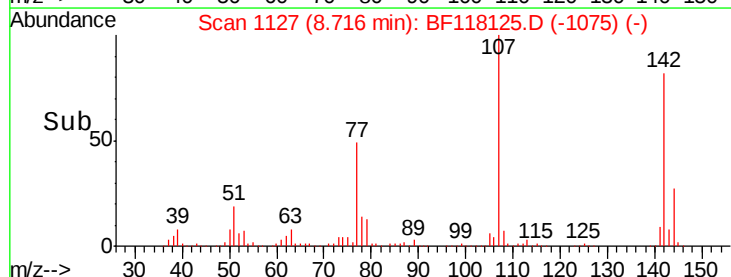
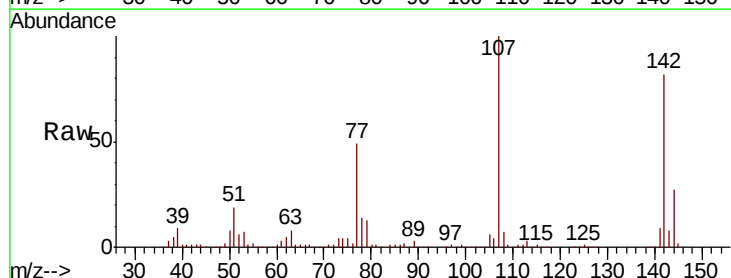
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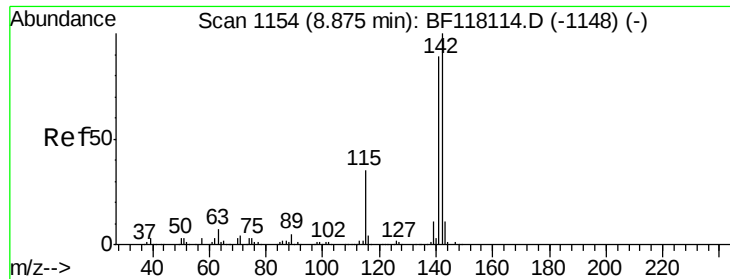
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#36
4-Chloro-3-methylphenol
Concen: 46.263 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.2		20.3	30.5	
142	81.5		63.7	95.5	





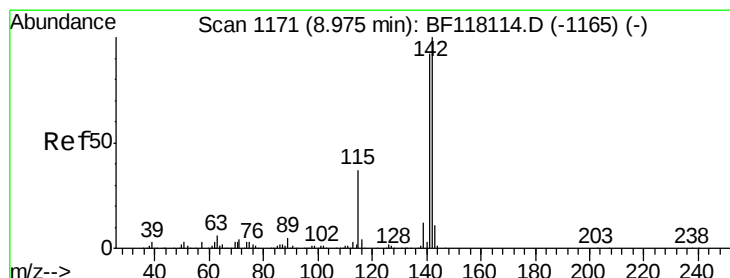
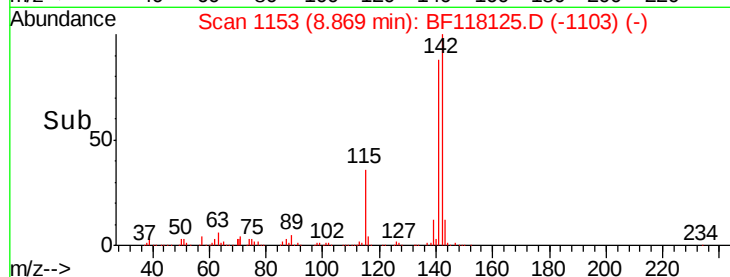
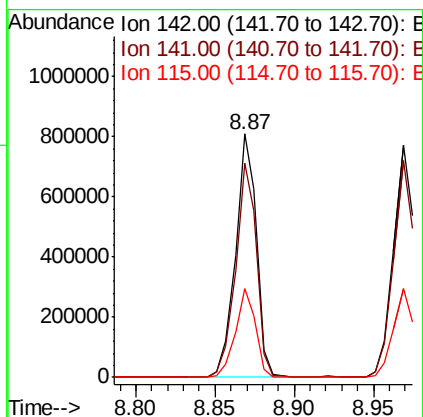
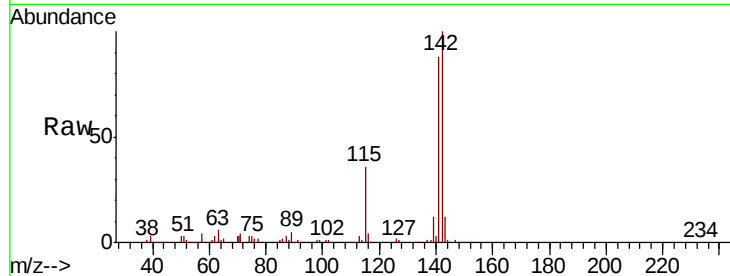
#37
2-Methylnaphthalene
Concen: 44.623 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.4	107.0
115	36.3	28.2	42.4

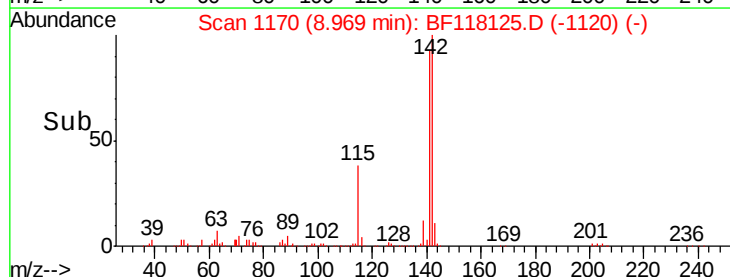
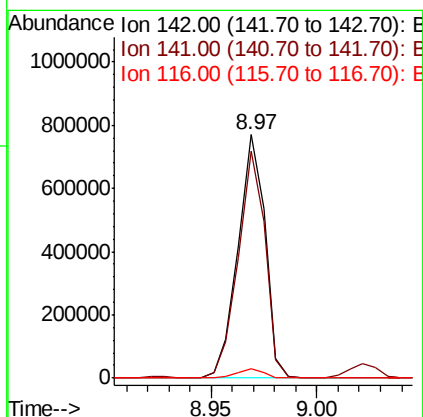
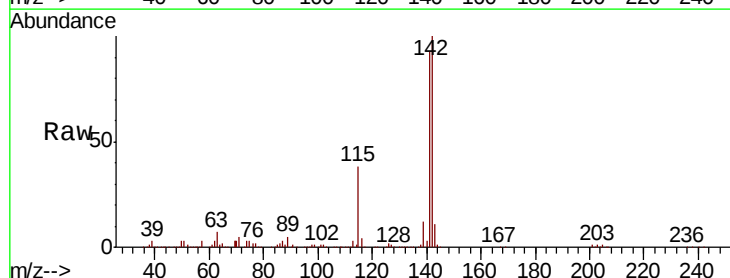
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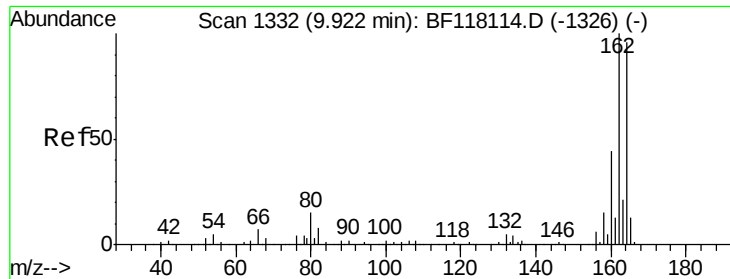
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#38
1-Methylnaphthalene
Concen: 43.856 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	74.0	111.0
116	3.8	3.2	4.8





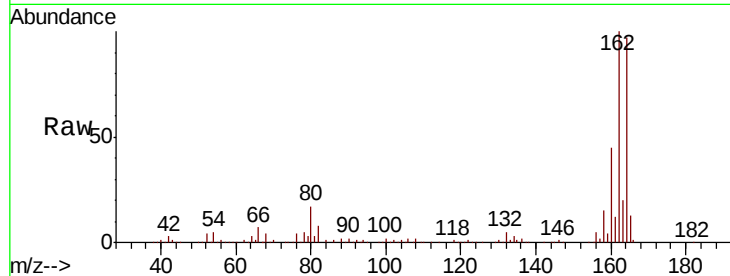
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	83.4	125.0	
160	46.1	36.6	54.8	

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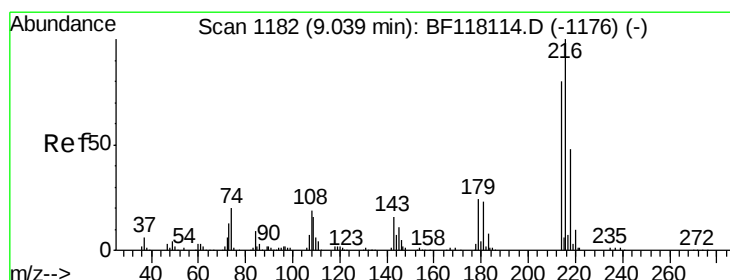
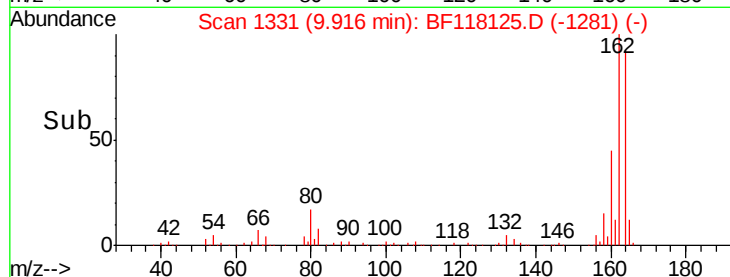
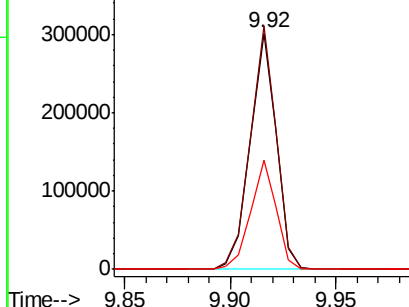


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.057 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.4	95.2	
179	23.4	18.6	27.8	
108	21.3	15.4	23.0	

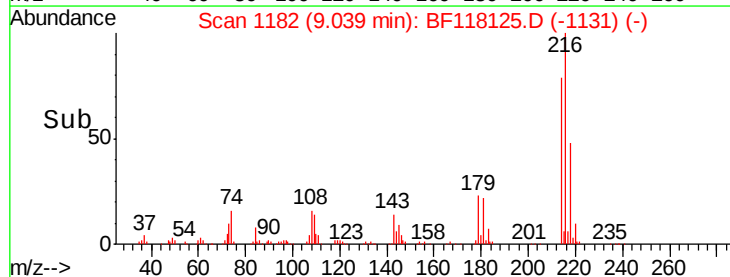
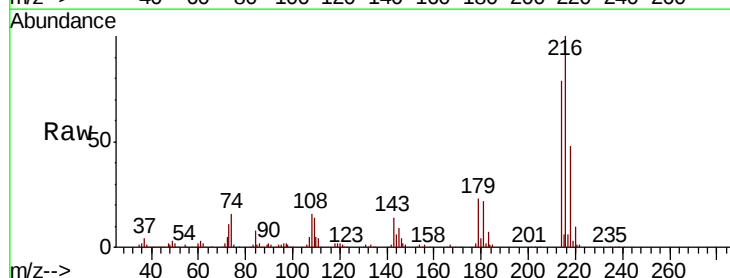
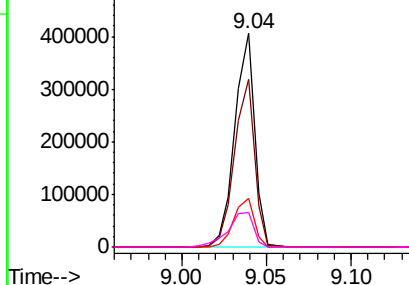
Abundance

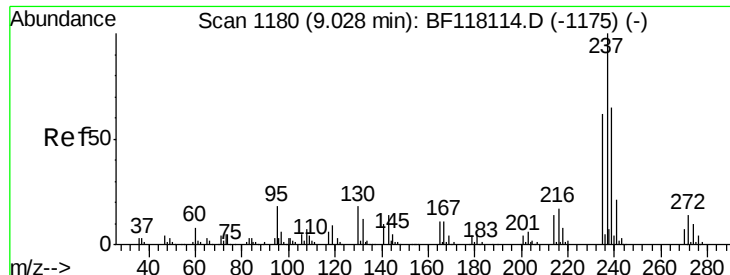
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





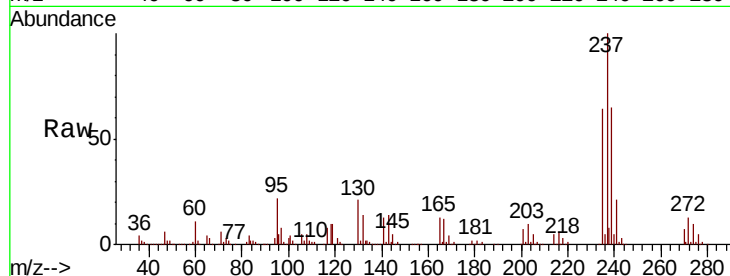
#41
Hexachlorocyclopentadiene
Concen: 92.803 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

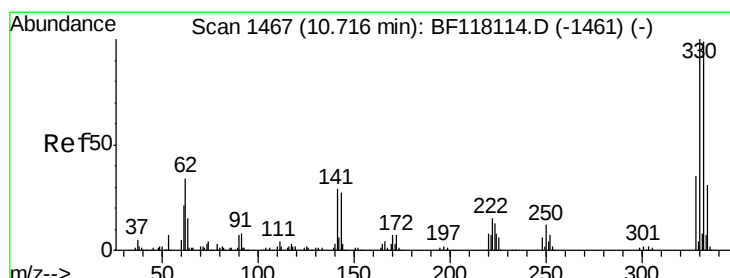
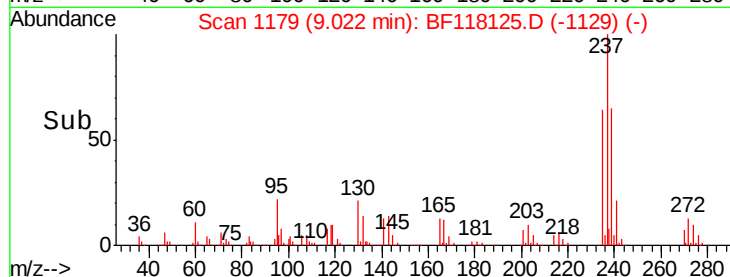
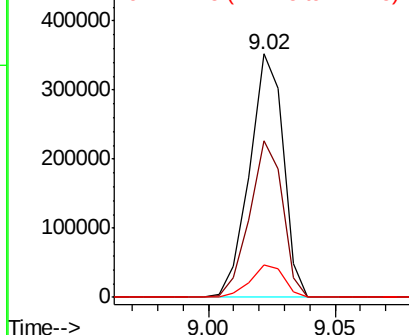
Tot Ion	Ratio	Resp	Lower	Upper
237	100	327821		
235	64.4	41.5	81.5	
272	13.3	0.0	33.7	

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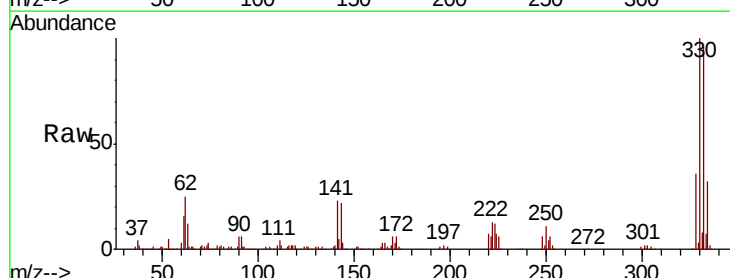


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

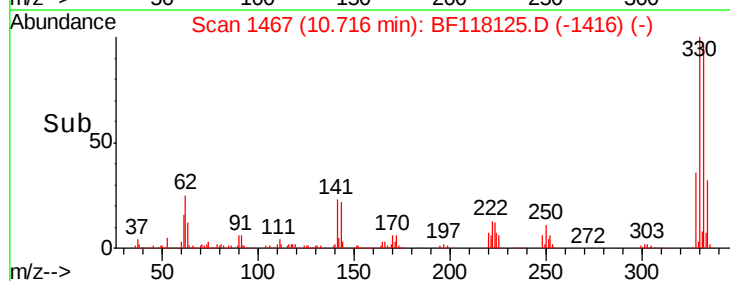
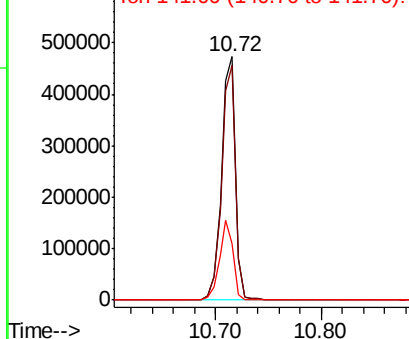


#42
2,4,6-Tribromophenol
Concen: 138.861 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	439025		
332	95.6	78.1	117.1	
141	32.3	26.9	40.3	



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





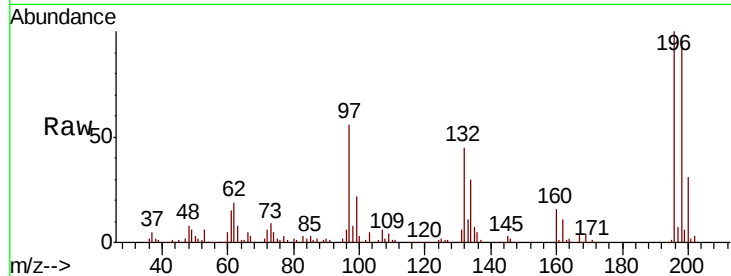
#43
 2,4,6-Trichlorophenol
 Concen: 45.184 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampleID :
 WCMS

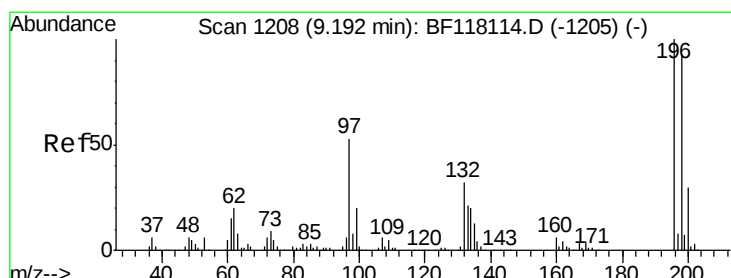
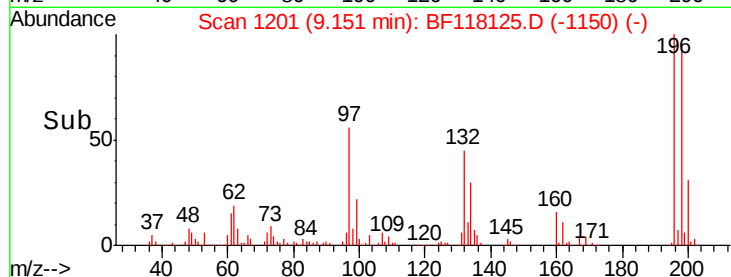
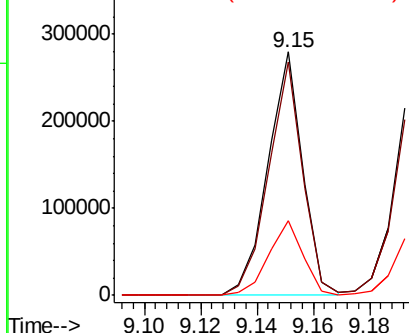
Tot Ion:	196	Resp:	237851
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.0	112.4
200	30.8	24.5	36.7

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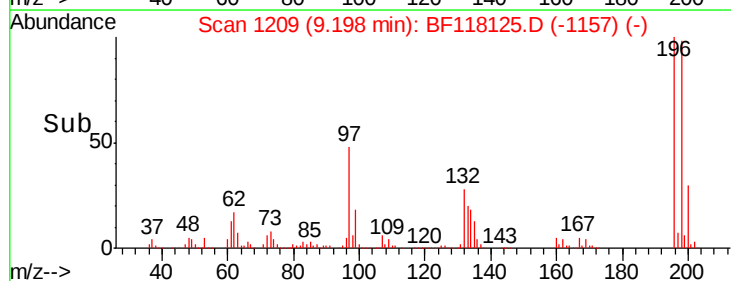
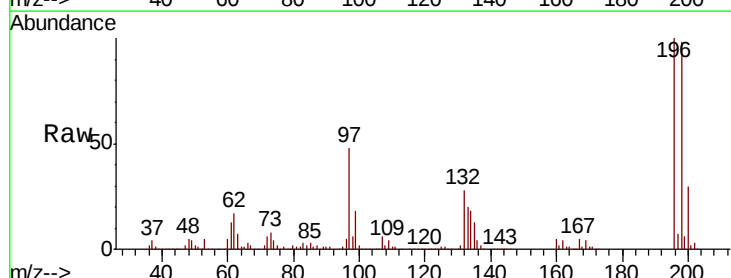
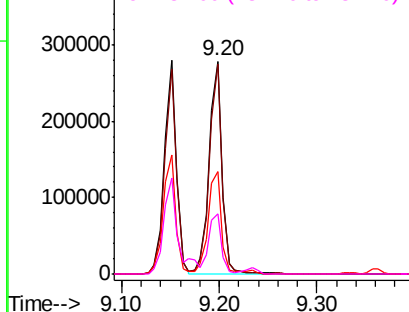
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

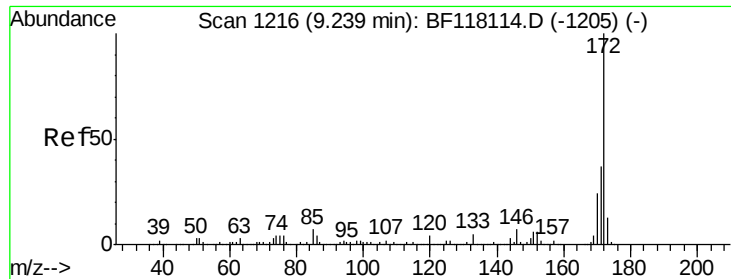


#44
 2,4,5-Trichlorophenol
 Concen: 47.139 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion:	196	Resp:	257085
Ion Ratio	Lower	Upper	
196	100		
198	98.4	74.2	111.4
97	48.0	42.5	63.7
132	28.0	25.4	38.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





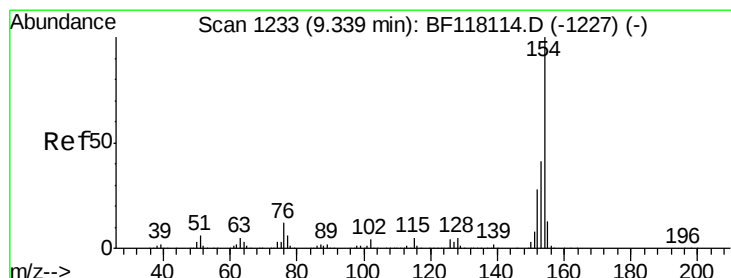
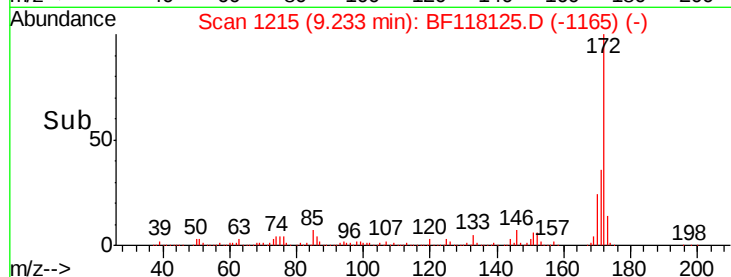
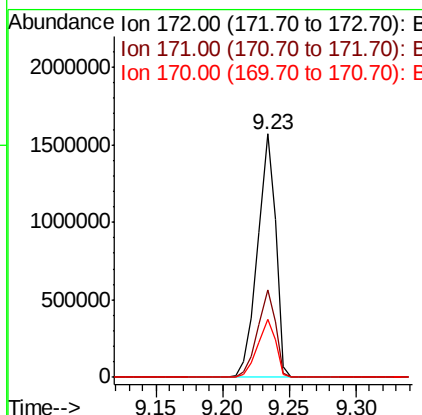
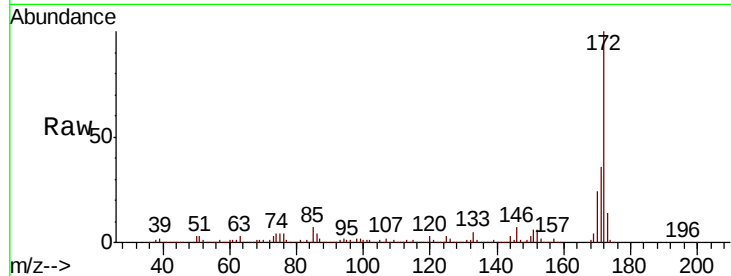
#45
2-Fluorobiphenyl
Concen: 84.730 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	23.9	19.4	29.2

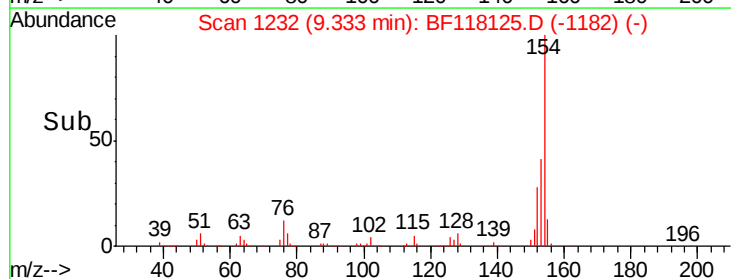
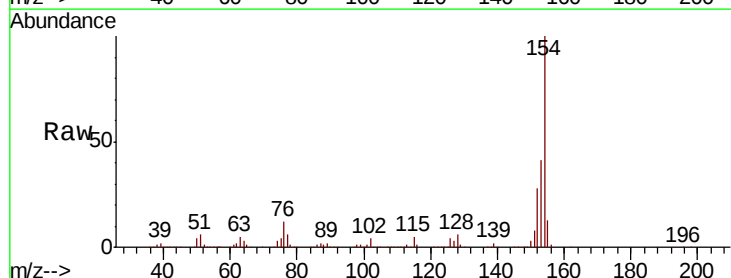
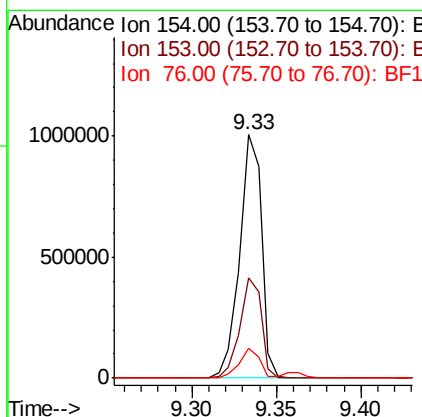
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#46
1,1'-Biphenyl
Concen: 44.115 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.0	20.7	60.7
76	12.1	0.0	31.9





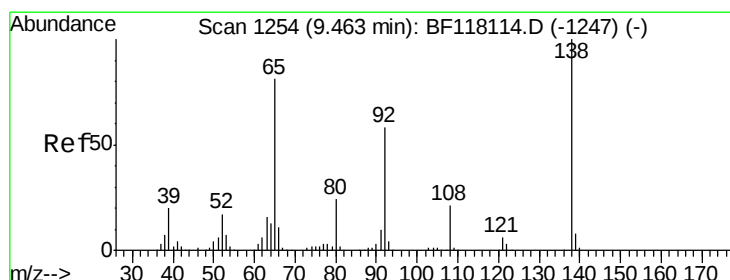
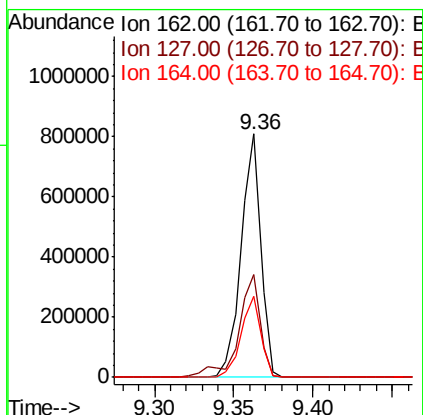
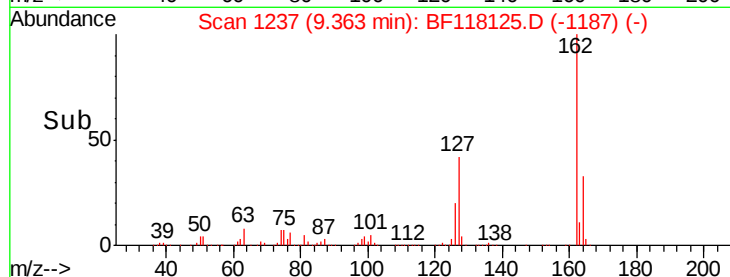
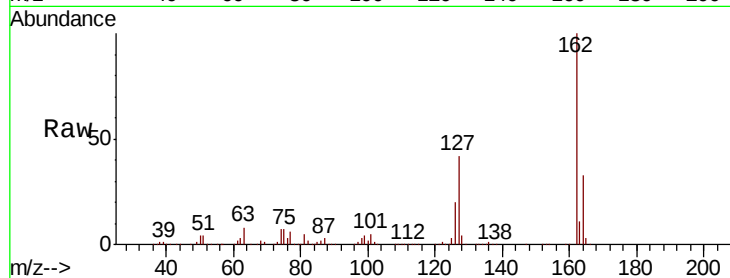
#47
2-Chloronaphthalene
Concen: 42.191 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	696622		
127	42.4	32.0	48.0	
164	33.5	26.1	39.1	

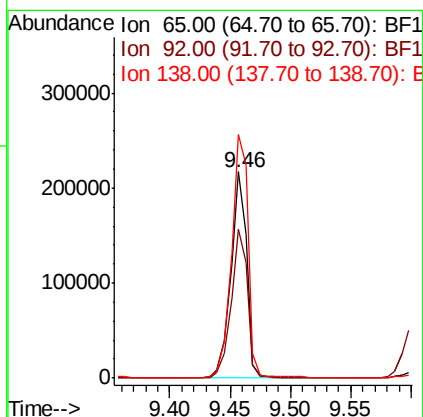
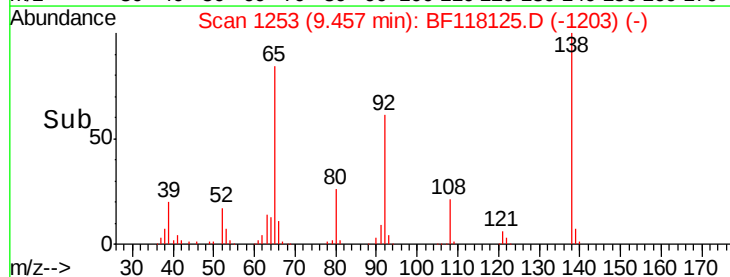
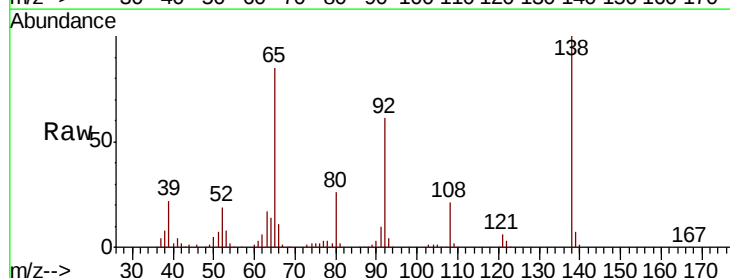
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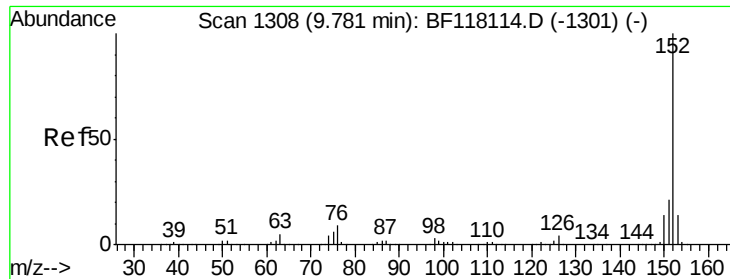
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#48
2-Nitroaniline
Concen: 42.156 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	198496		
92	72.1	57.8	86.6	
138	118.2	98.8	148.2	





#49

Acenaphthylene

Concen: 45.557 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

WCMS

Tot Ion:152 Resp: 1109461

Ion Ratio Lower Upper

152 100

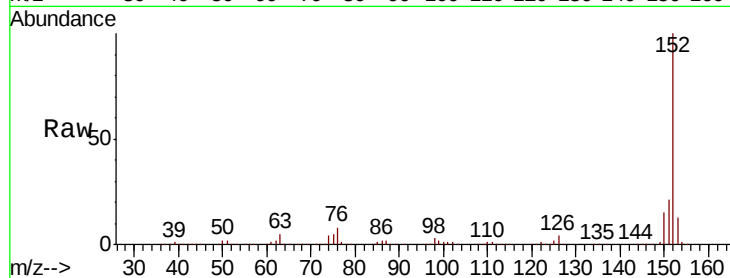
151 20.8 16.4 24.6

153 13.4 10.8 16.2

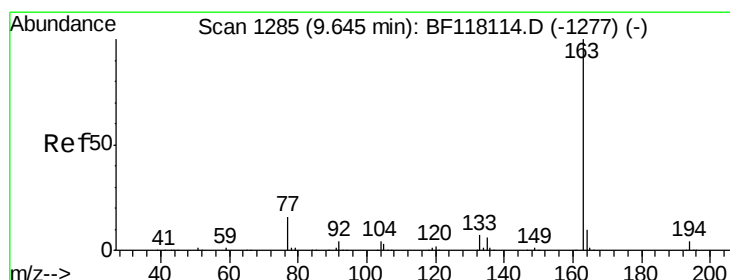
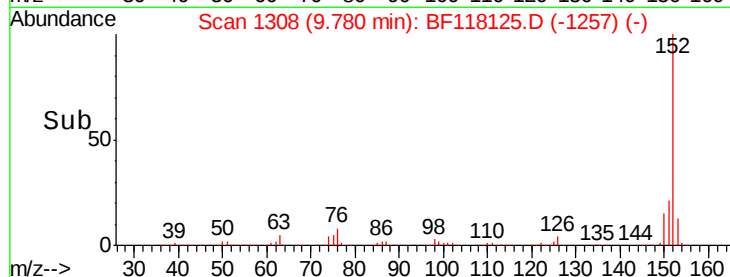
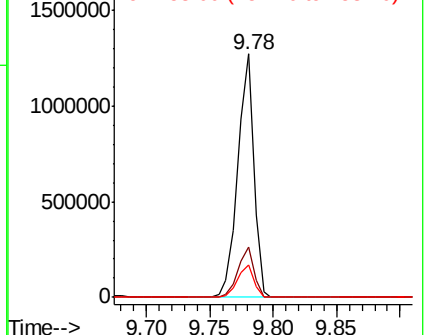
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.208 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

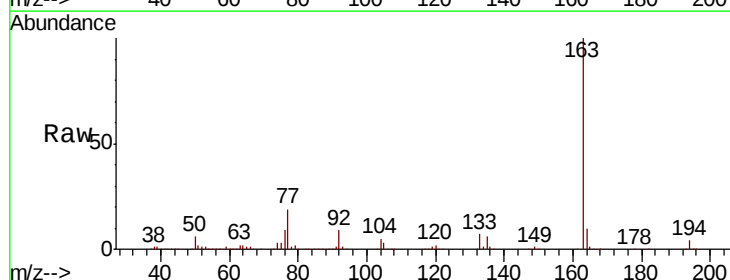
Tgt Ion:163 Resp: 849830

Ion Ratio Lower Upper

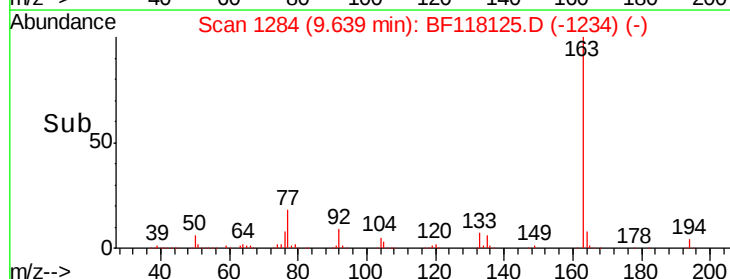
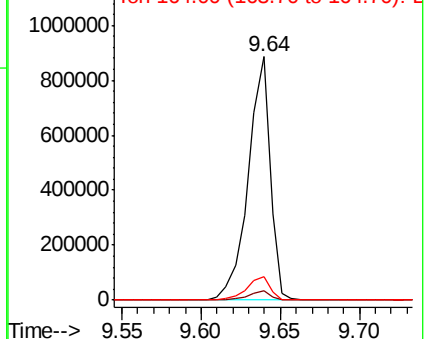
163 100

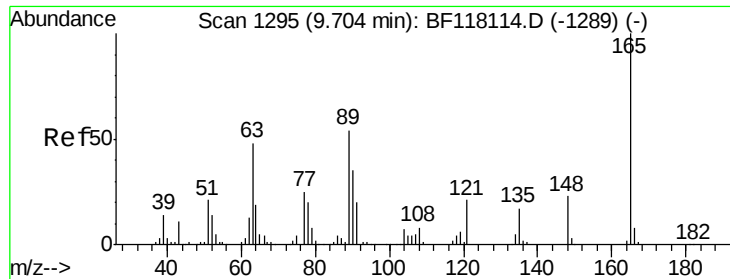
194 3.9 3.1 4.7

164 9.7 7.7 11.5



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





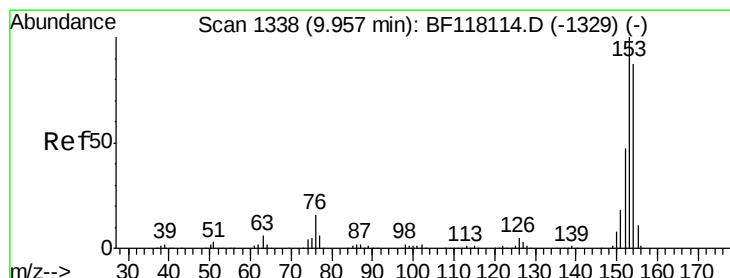
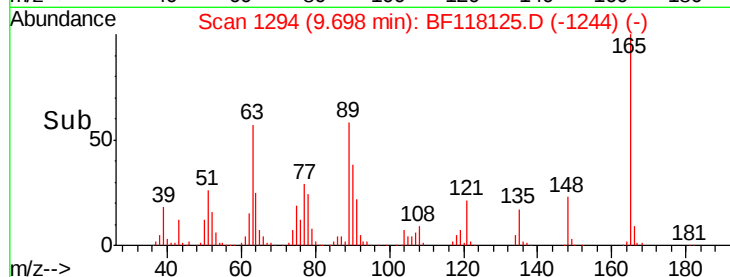
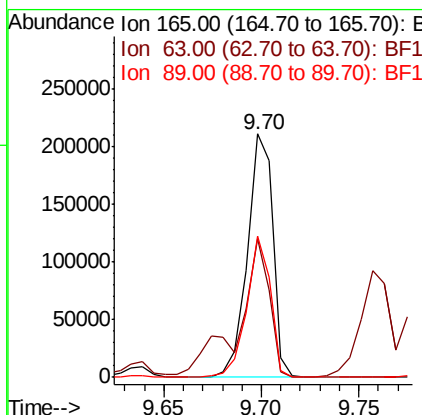
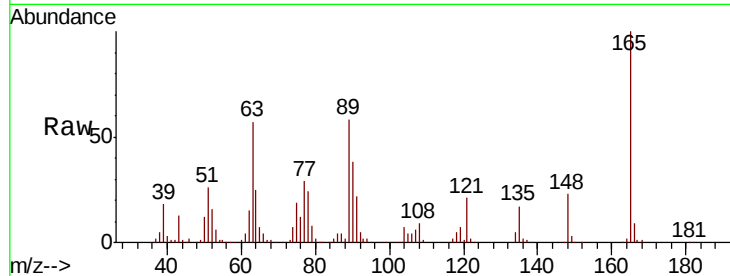
#51
2,6-Dinitrotoluene
Concen: 45.545 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	190379		
63	56.9		41.4	62.0
89	58.2		42.9	64.3

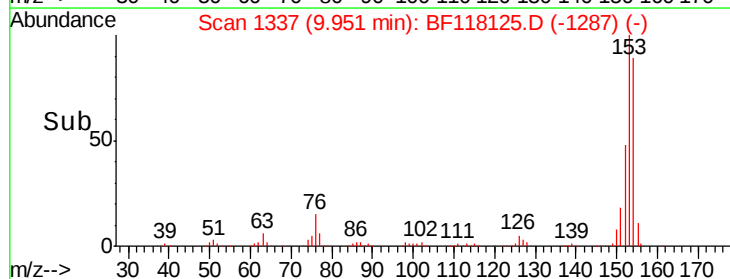
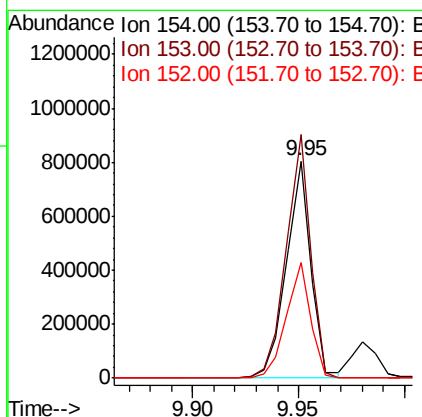
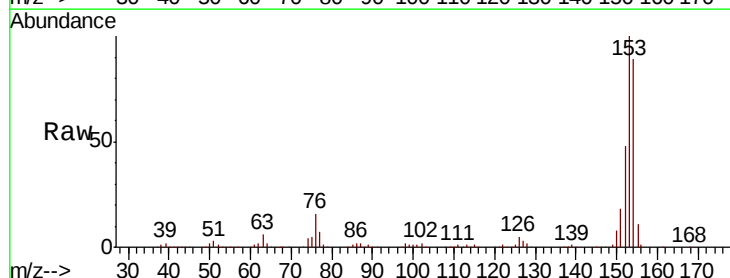
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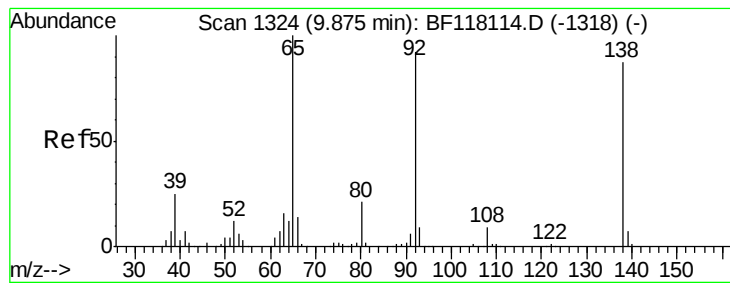
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#52
Acenaphthene
Concen: 44.084 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	655271		
153	112.2		91.8	137.6
152	53.4		43.3	64.9





#53

3-Nitroaniline

Concen: 11.937 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

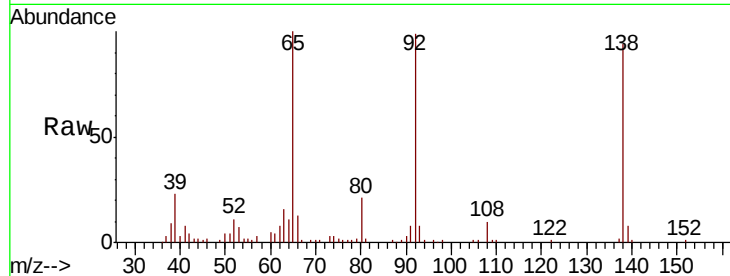
ClientSampleId :

WCMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.2	12.4
92	105.4	84.9	127.3

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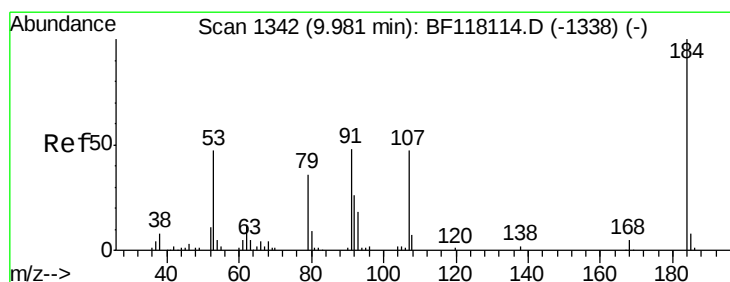
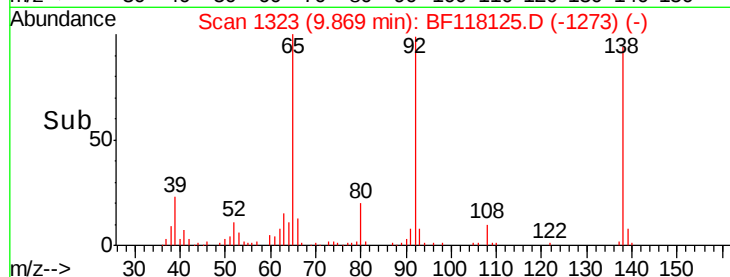
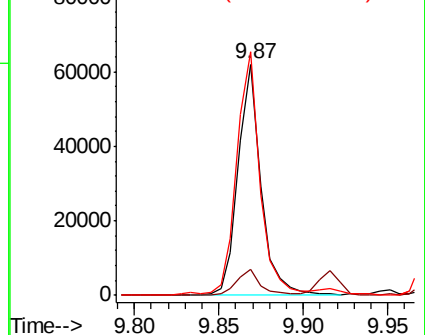


Abundance

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: 85.944 ng

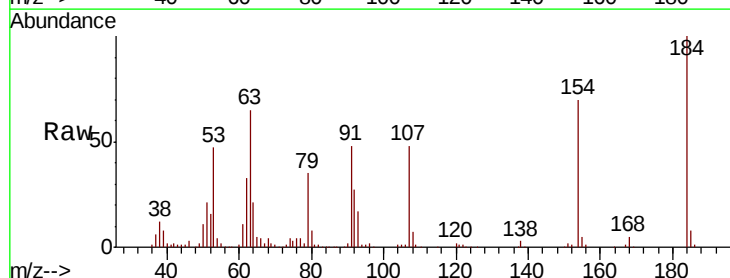
RT: 9.98 min Scan# 1342

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.3	53.9	80.9
154	70.4	56.3	84.5

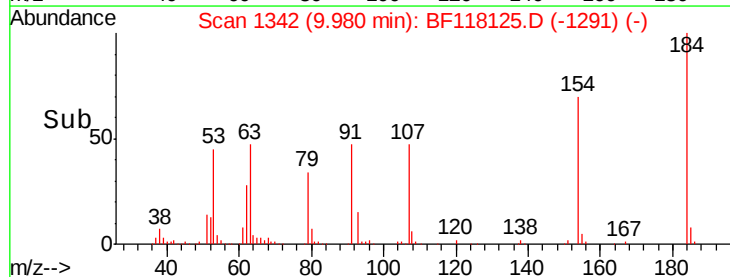
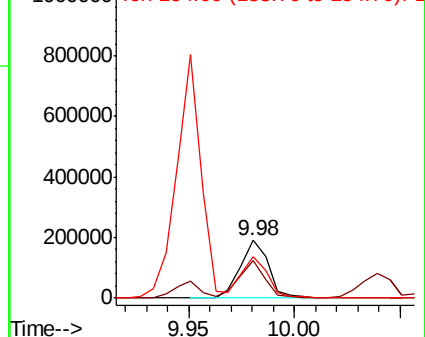


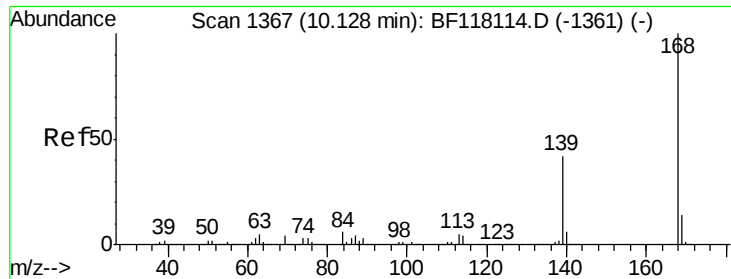
Abundance

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





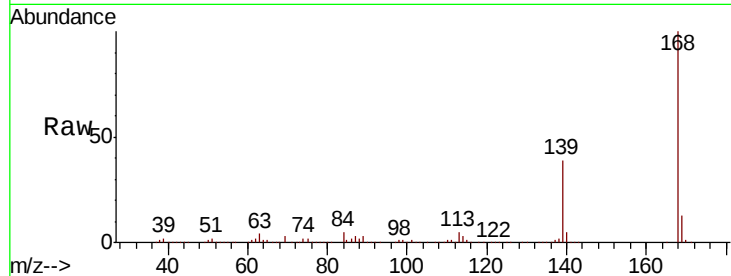
#55
Dibenzenofuran
Concen: 45.427 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	33.4	50.0
169	12.7	11.0	16.6

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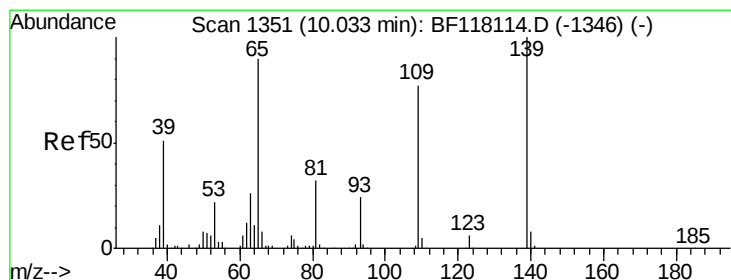
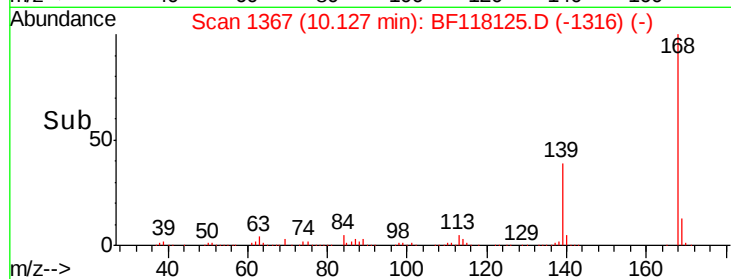
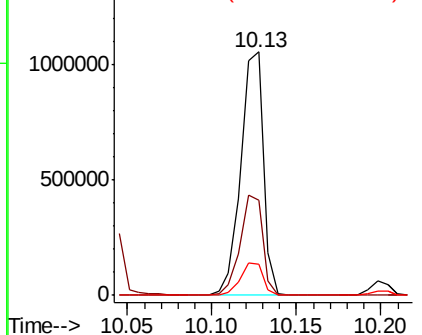


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 92.978 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

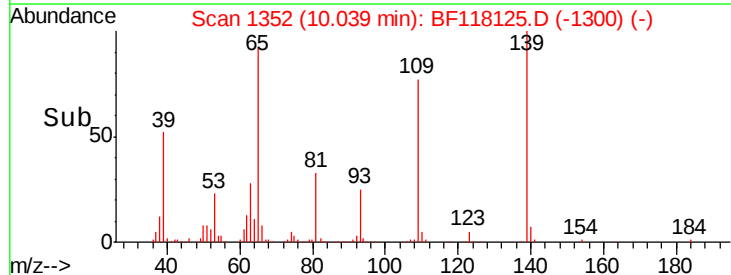
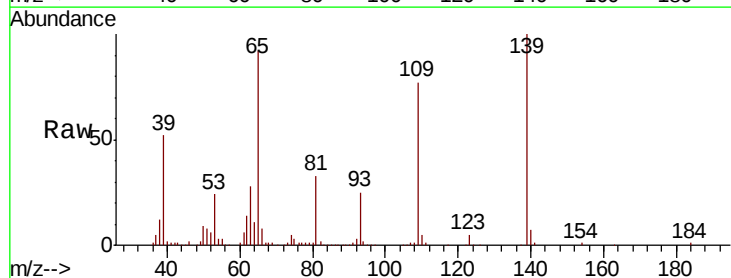
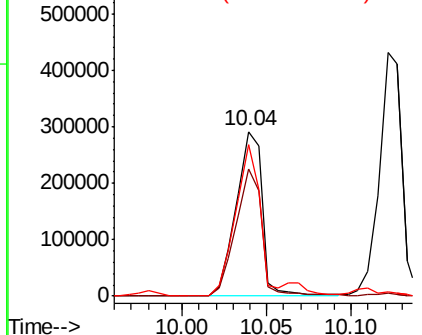
Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.3	57.3	97.3
65	92.1	70.2	110.2

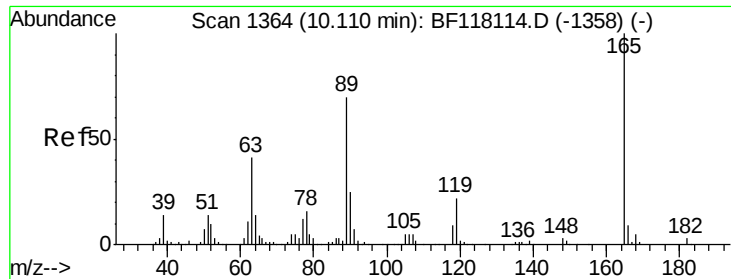
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





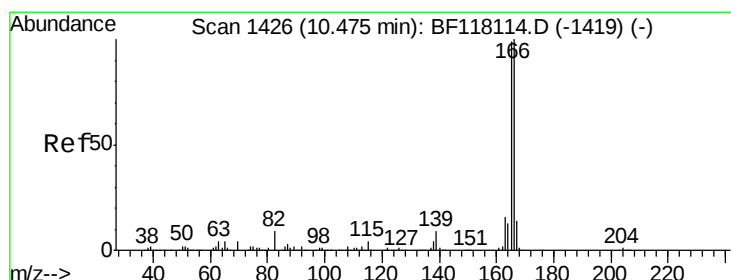
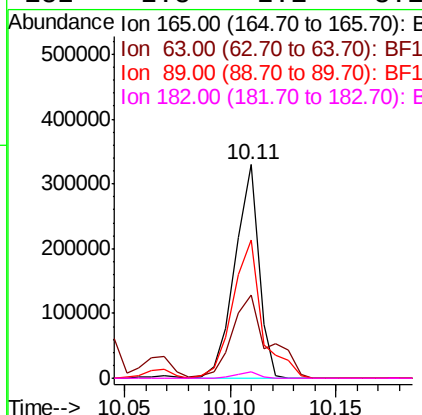
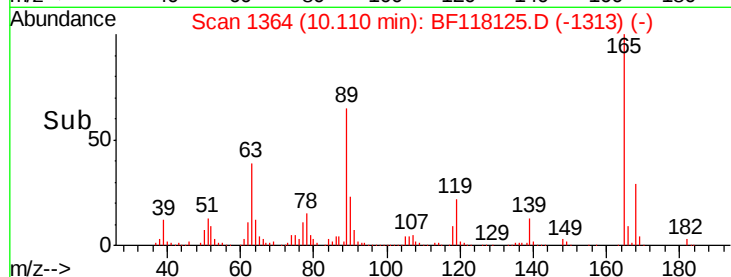
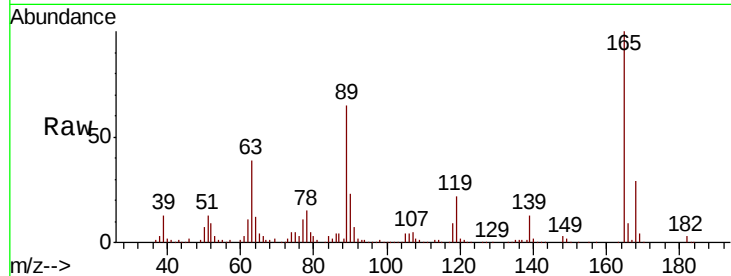
#57
 2,4-Dinitrotoluene
 Concen: 46.432 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampled :
 WCMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	259055		
63	39.1	32.6	49.0	
89	64.9	56.1	84.1	
182	2.8	2.1	3.1	

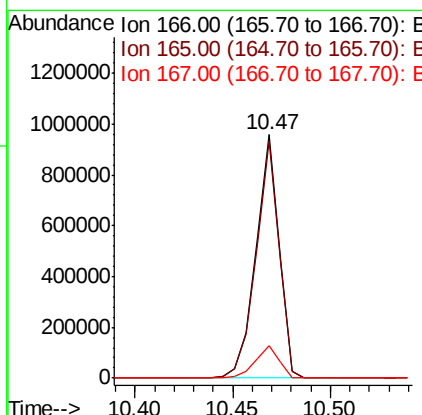
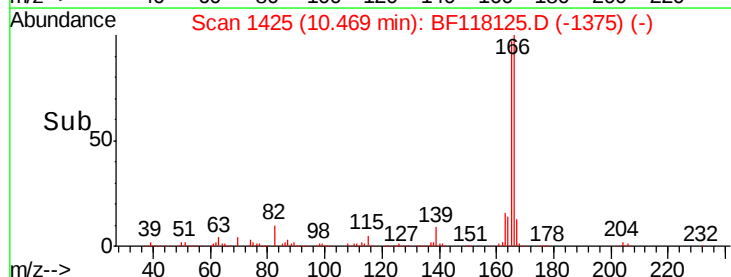
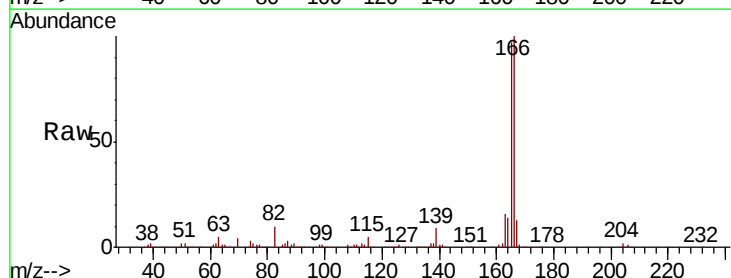
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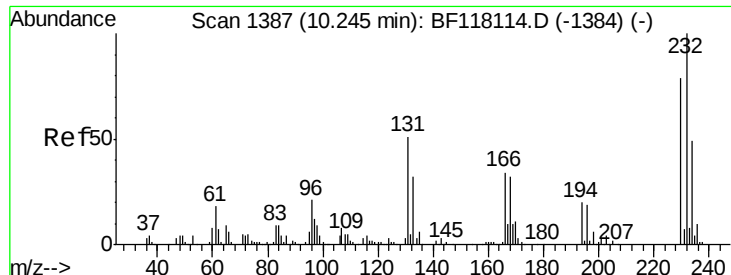
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#58
 Fluorene
 Concen: 45.463 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	786906		
165	97.5	79.0	118.4	
167	13.1	10.9	16.3	





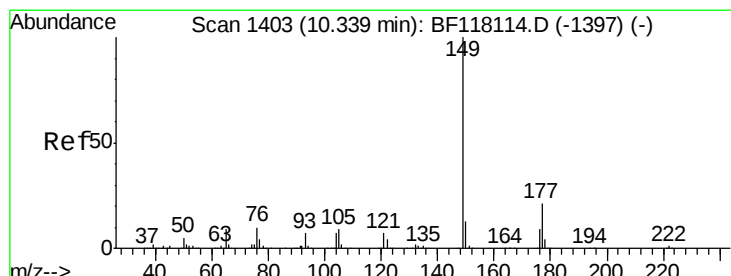
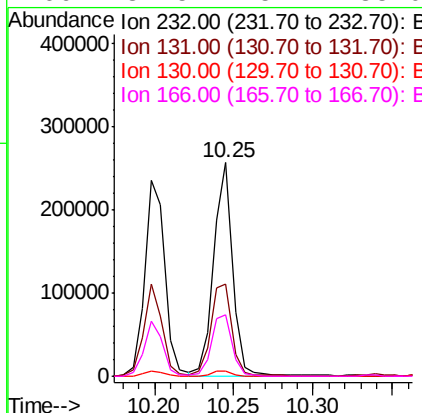
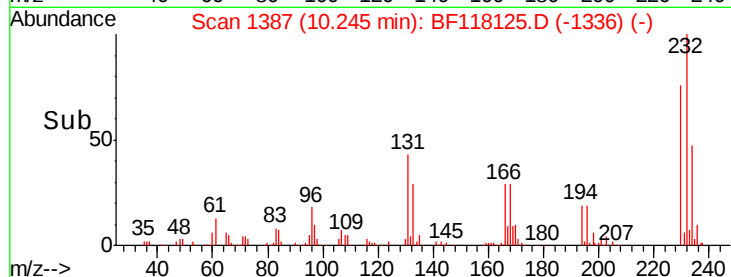
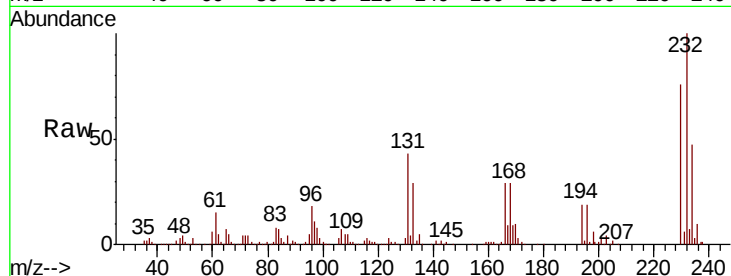
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.443 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion:	232	Resp:	213466
Ion Ratio	Lower	Upper	
232	100		
131	47.7	38.8	58.2
130	2.8	1.9	2.9
166	31.5	25.4	38.0

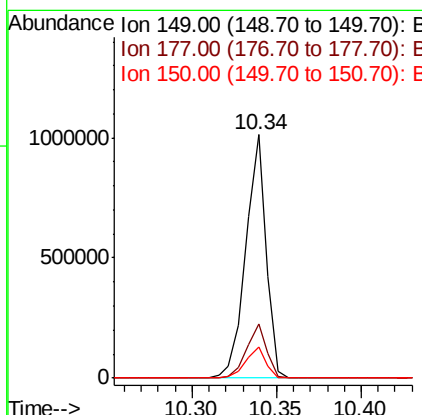
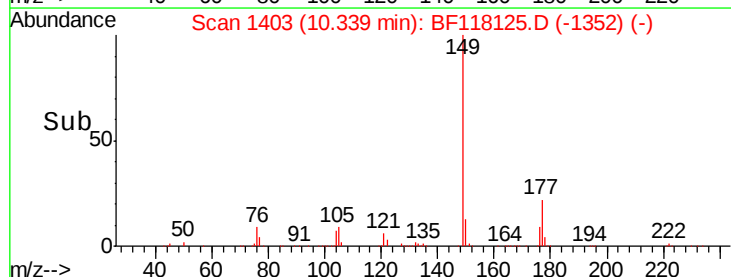
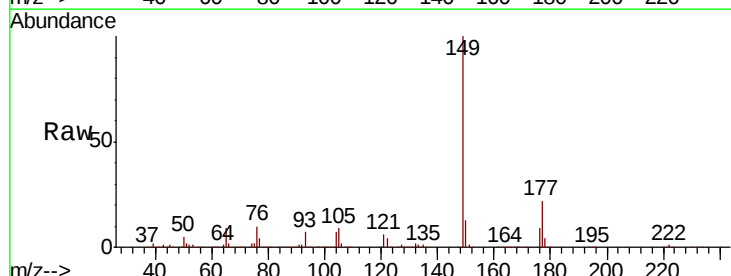
Manual Integrations
APPROVED

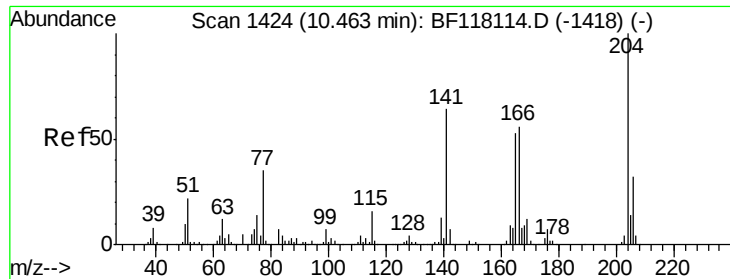
mohammad
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#60
Diethylphthalate
Concen: 45.113 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion:	149	Resp:	854437
Ion Ratio	Lower	Upper	
149	100		
177	22.0	17.0	25.4
150	12.6	10.1	15.1





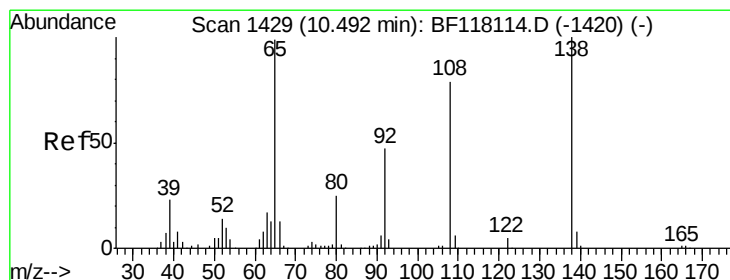
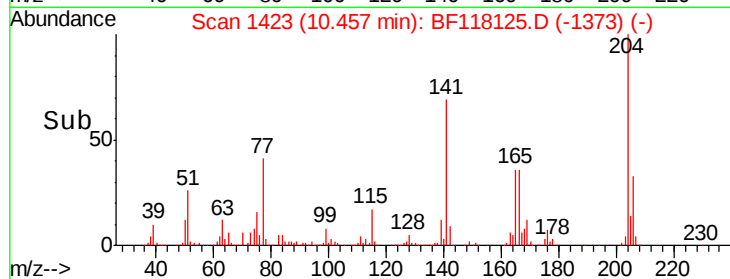
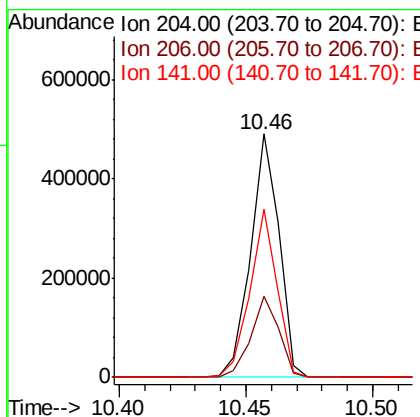
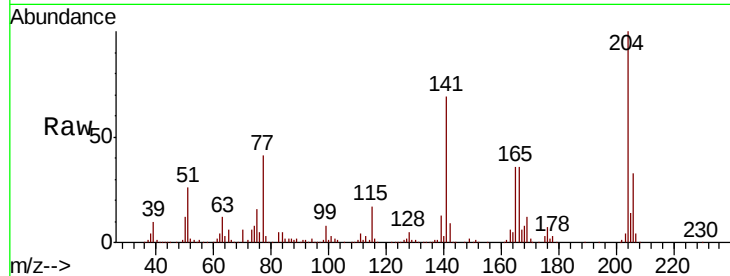
#61
4-Chlorophenyl-phenylether
Concen: 44.023 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampled :
WCMS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	383395		
206	33.3	26.0	39.0	
141	69.1	51.0	76.6	

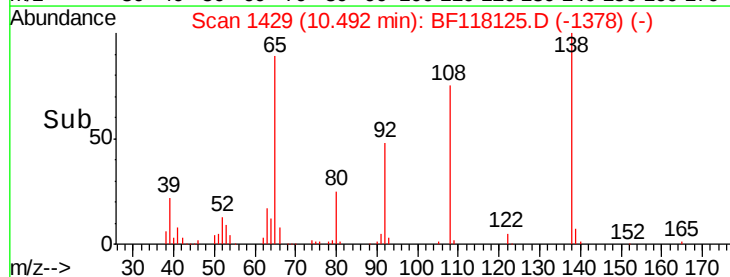
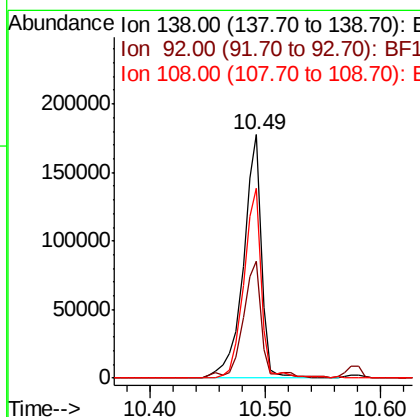
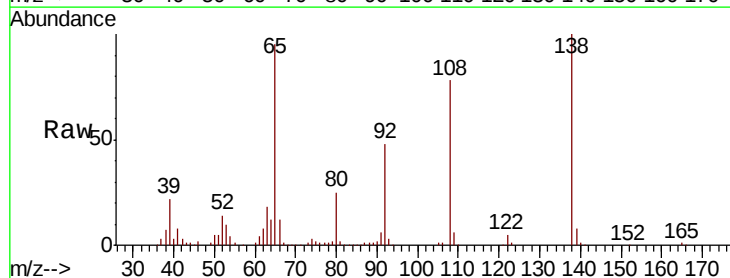
Manual Integrations
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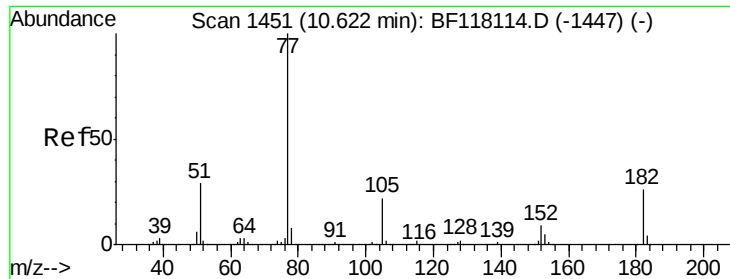
mohammad
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#62
4-Nitroaniline
Concen: 37.608 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	192950		
92	47.9	27.1	67.1	
108	78.0	59.0	99.0	





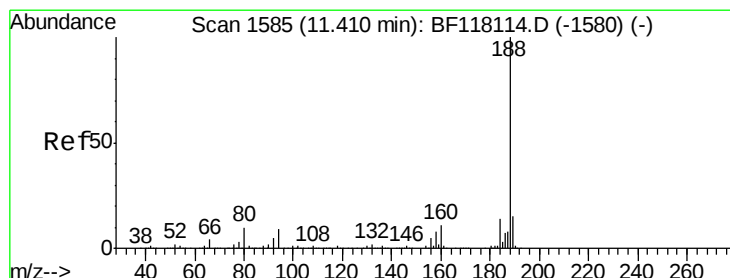
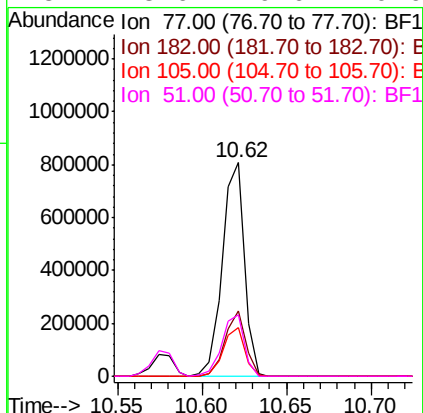
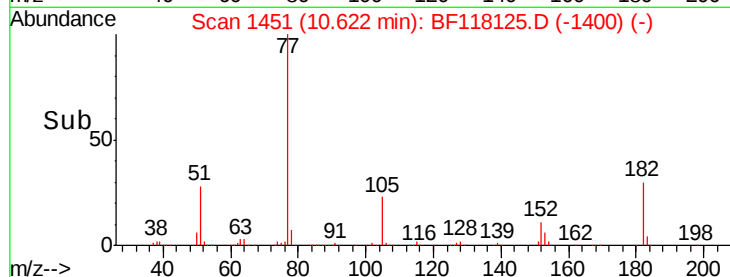
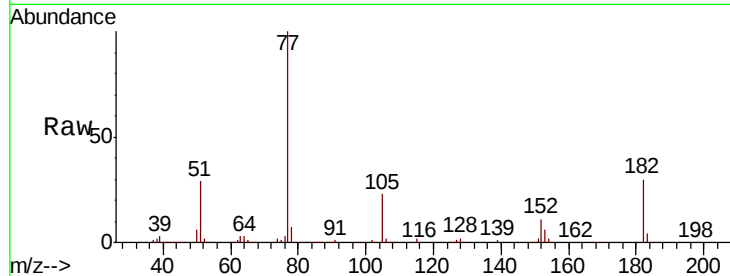
#63
Azobenzene
Concen: 45.434 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		734607		
182	30.4	5.7	45.7		
105	23.1	2.2	42.2		
51	28.6	9.6	49.6		

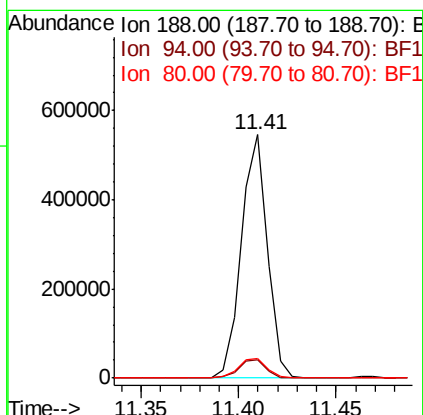
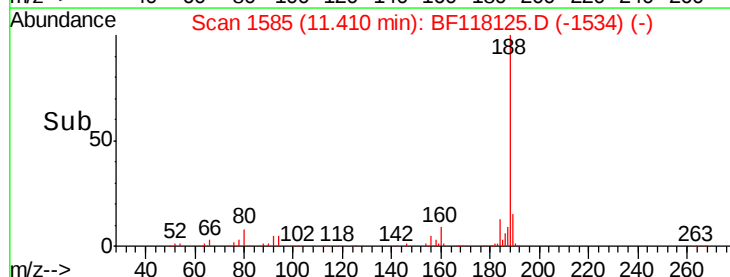
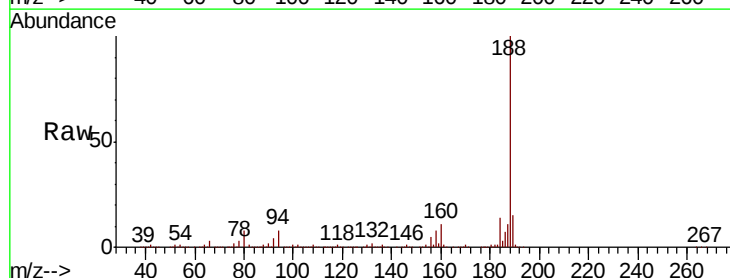
Manual Integrations
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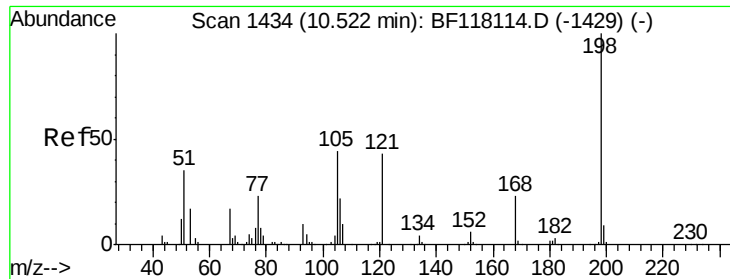
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		503940		
94	7.8	7.1	10.7		
80	8.2	7.9	11.9		





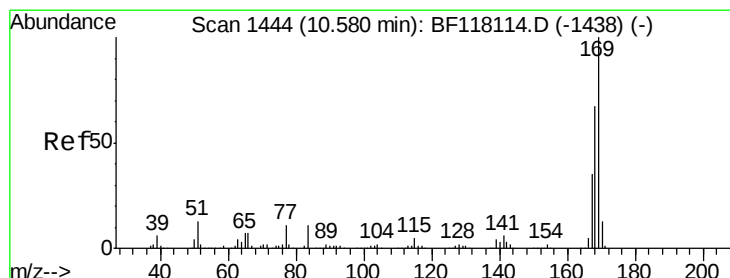
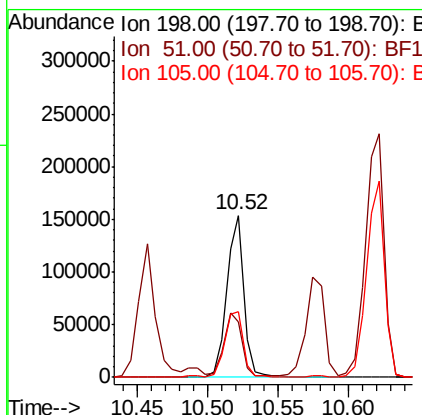
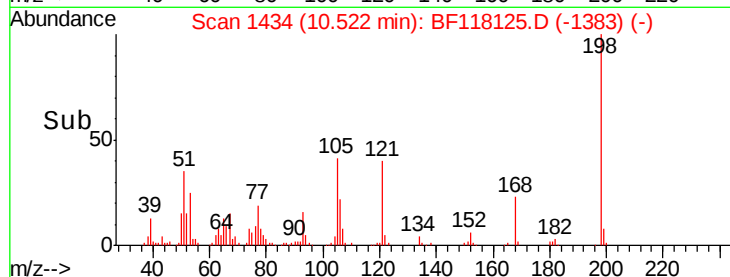
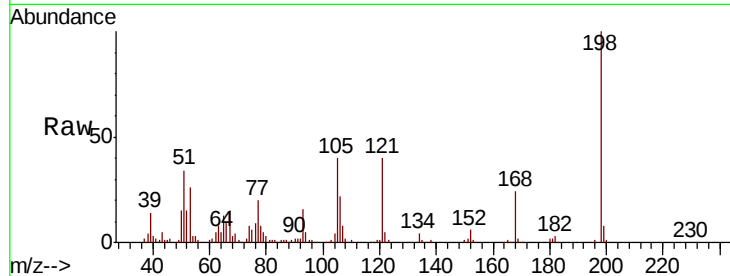
#65
4,6-Dinitro-2-methylphenol
Concen: 46.492 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.4	22.0	62.0
105	40.4	25.6	65.6

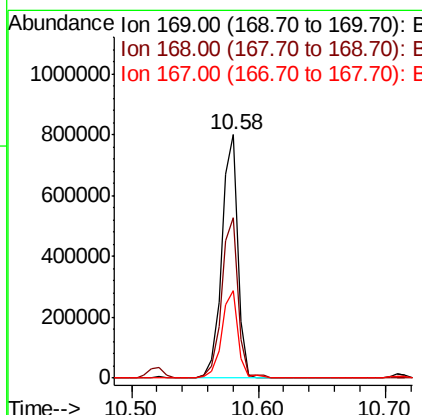
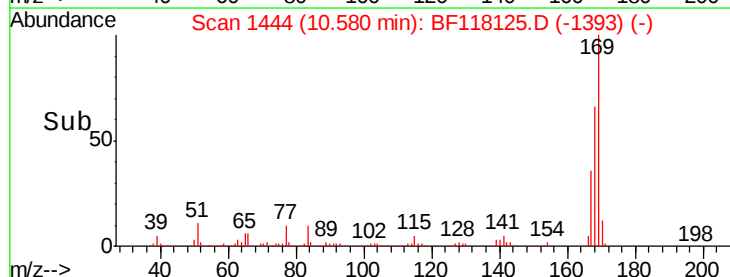
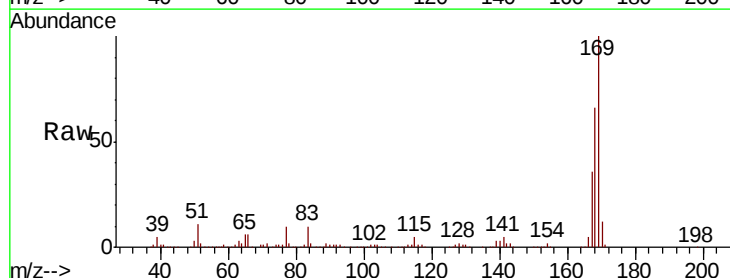
Manual Integrations
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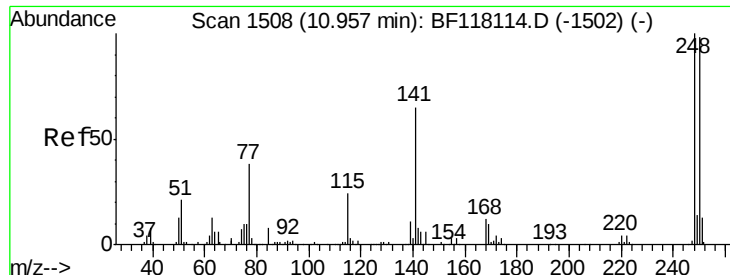
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 44.773 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.0	53.4	80.2
167	35.7	28.4	42.6





#67

4-Bromophenyl-phenylether

Concen: 43.393 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

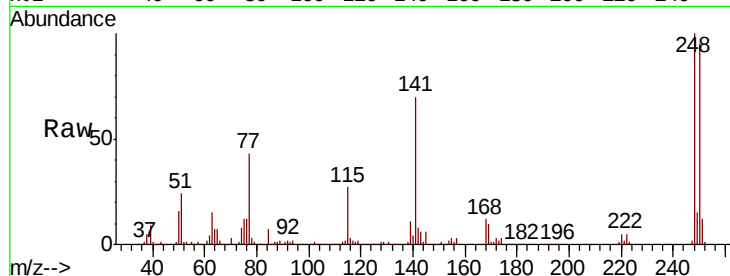
ClientSampleId :

WCMS

Tot Ion:	248	Resp:	249620
Ion Ratio	Lower	Upper	
248	100		
250	94.9	78.3	117.5
141	70.0	52.2	78.4

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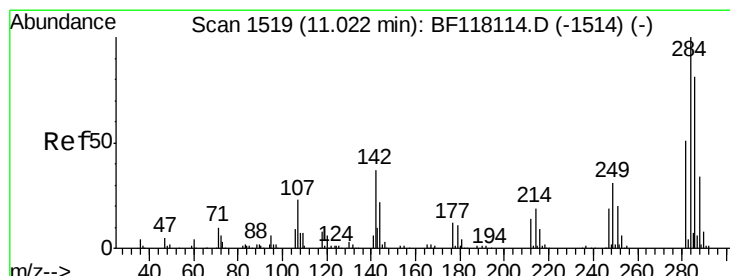
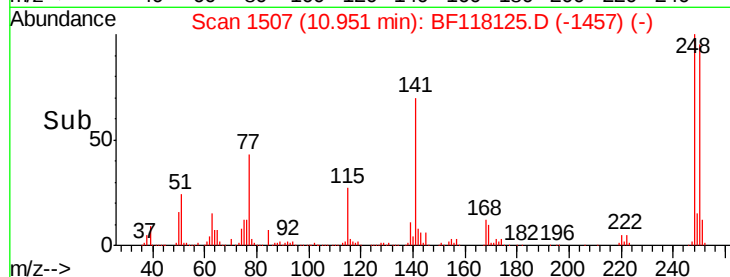
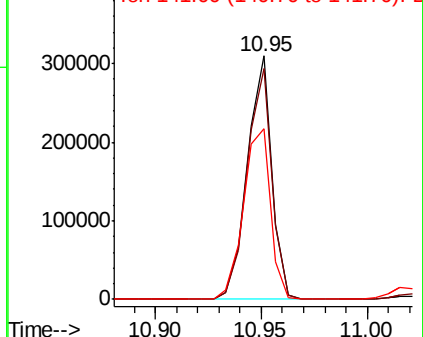


Abundance

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: 42.690 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.00 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

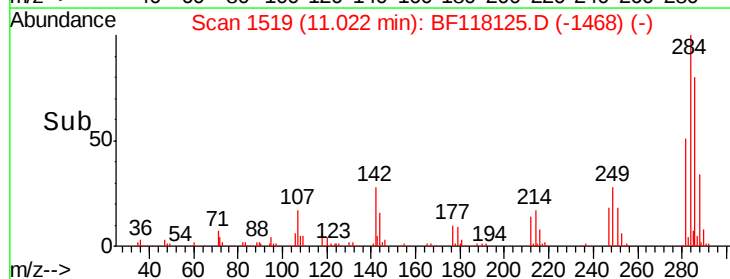
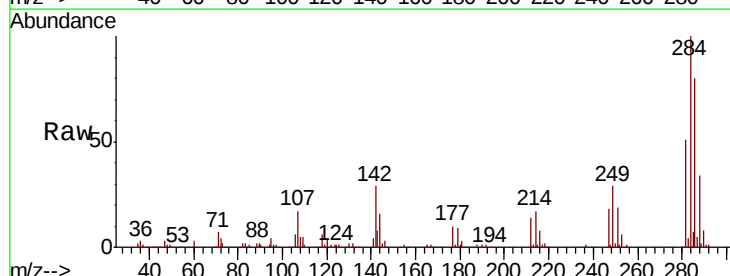
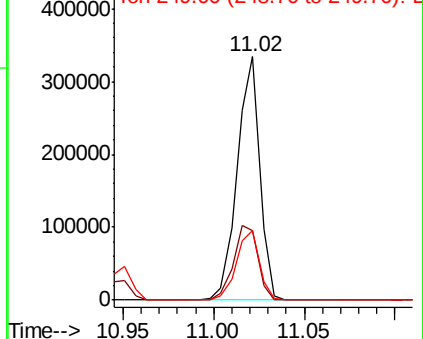
Tgt Ion:	284	Resp:	289047
Ion Ratio	Lower	Upper	
284	100		
142	28.8	29.7	44.5#
249	28.7	24.6	37.0

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





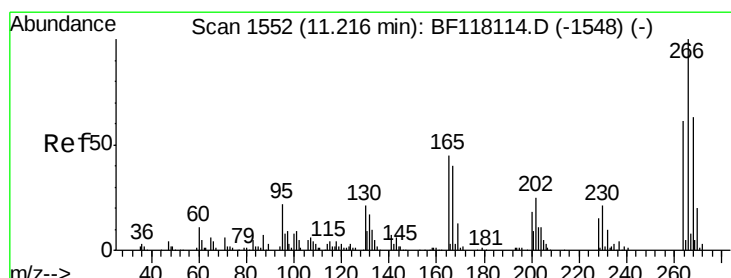
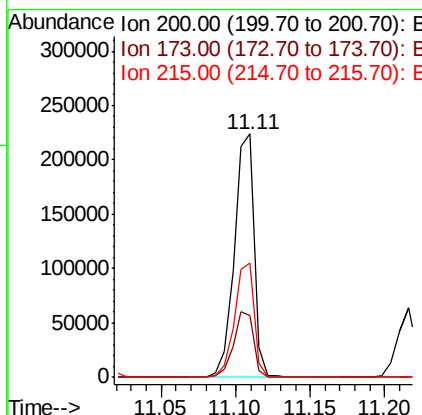
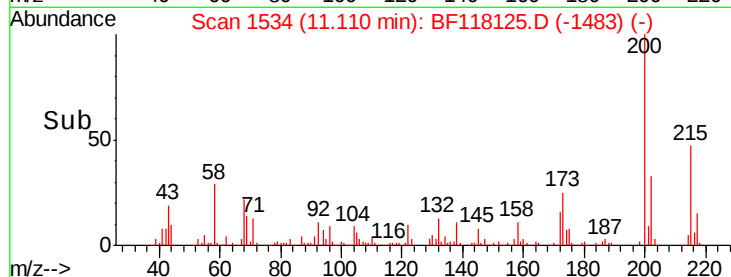
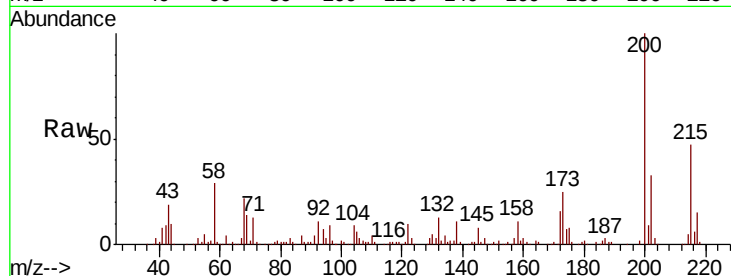
#69
Atrazine
Concen: 53.926 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.3	8.1	48.1
215	46.9	29.0	69.0

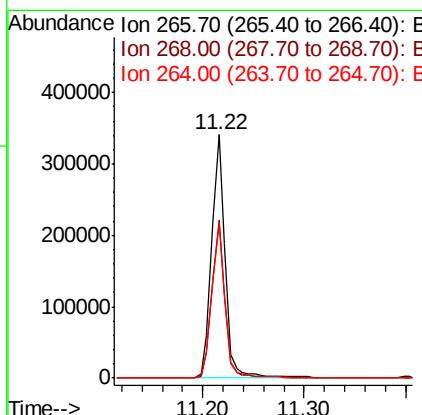
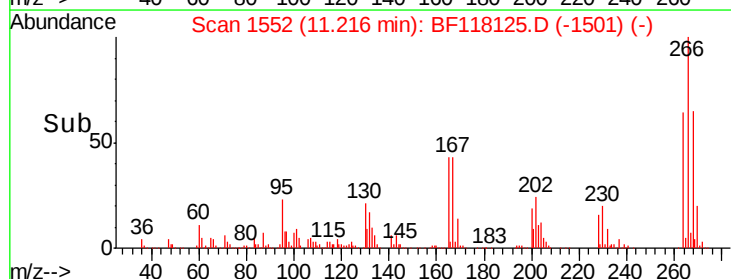
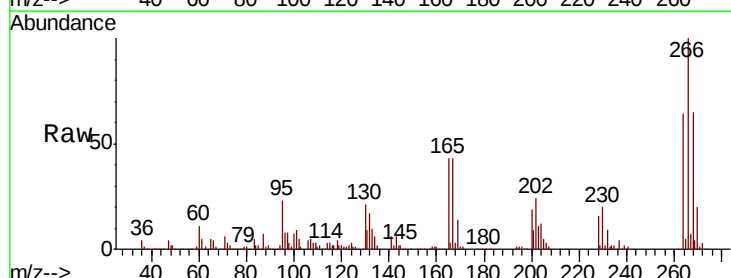
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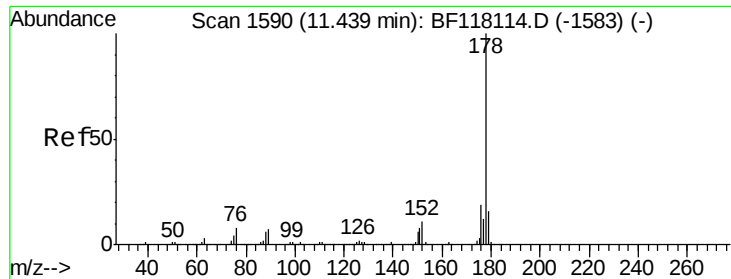
mohammad
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#70
Pentachlorophenol
Concen: 100.027 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.7	50.7	76.1
264	63.8	48.7	73.1





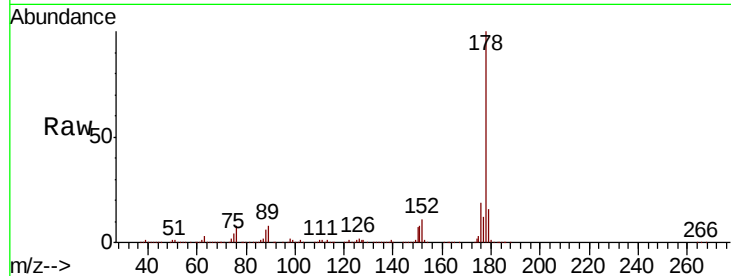
#71
Phenanthrene
Concen: 44.412 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.8	12.6	18.8

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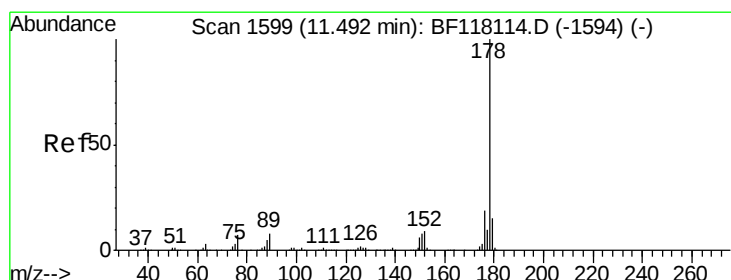
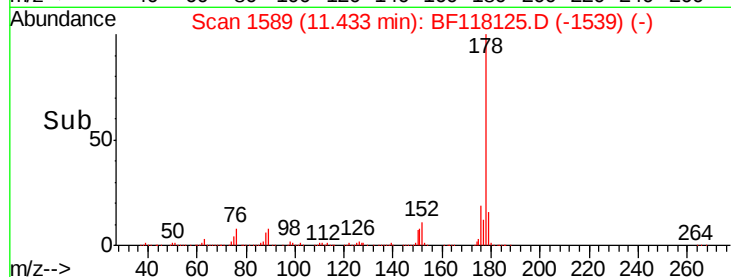
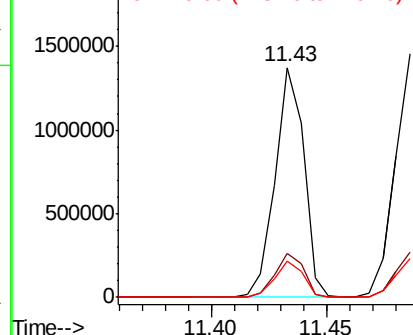


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 46.173 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

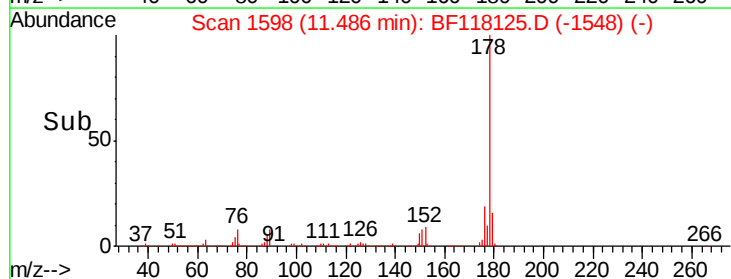
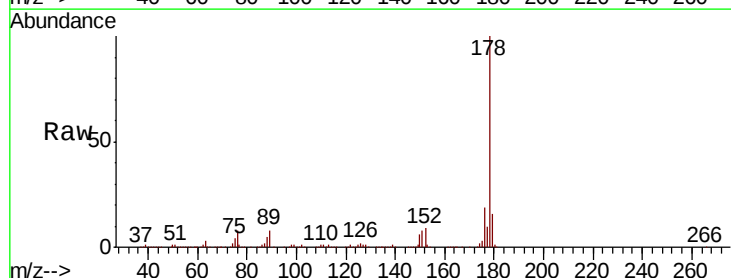
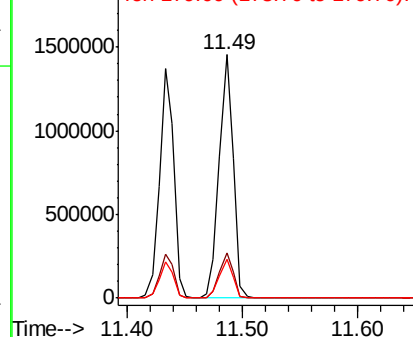
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.9	12.2	18.4

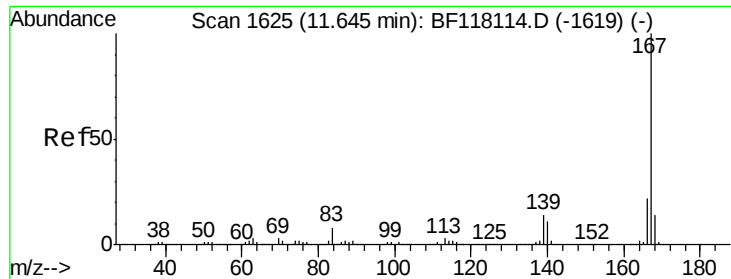
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





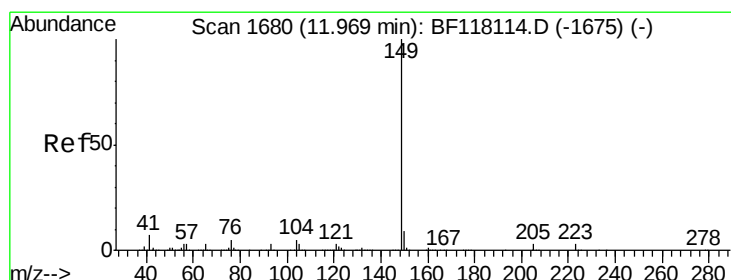
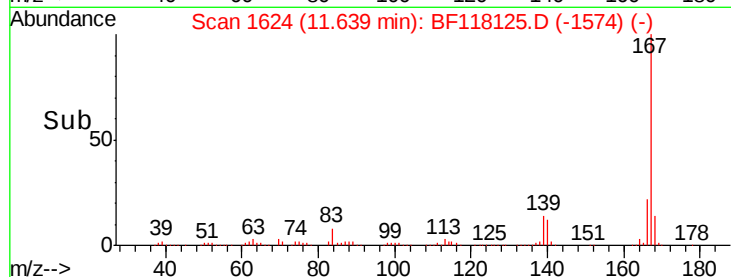
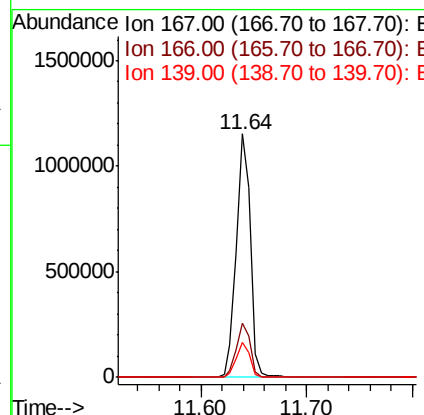
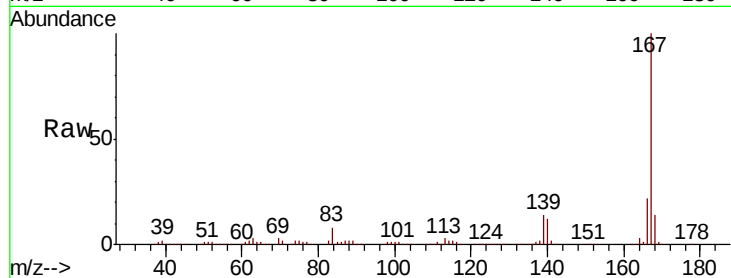
#73
 Carbazole
 Concen: 43.877 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 WCMS

Tot Ion:167 Resp: 1052039
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 14.2 11.4 17.0

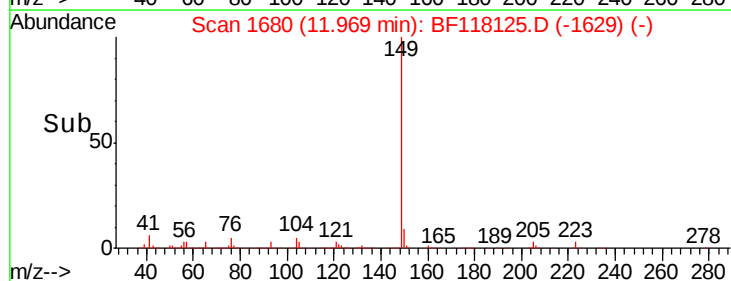
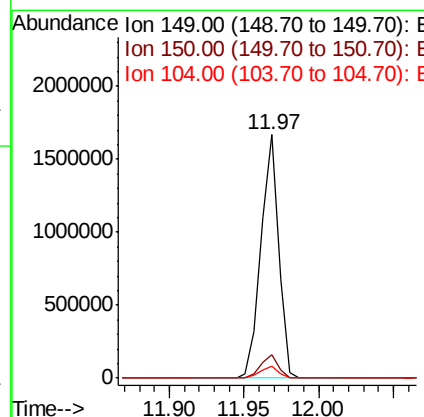
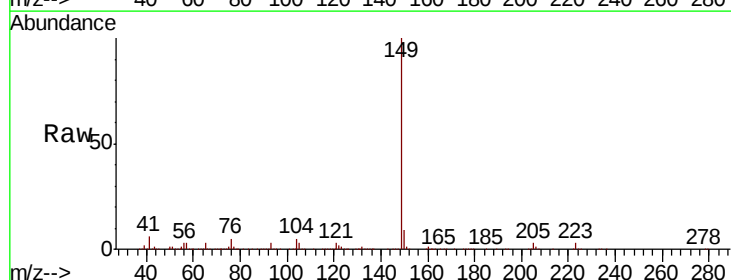
Manual Integrations
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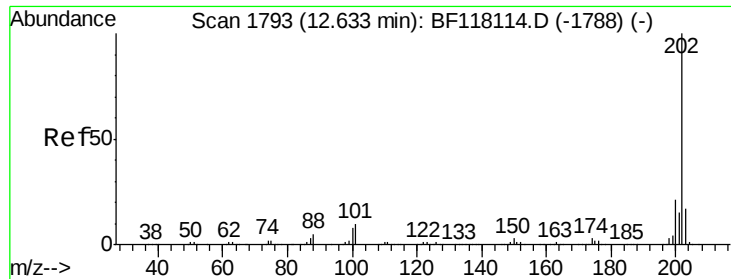
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.333 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion:149 Resp: 1360346
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.1 4.3 6.5





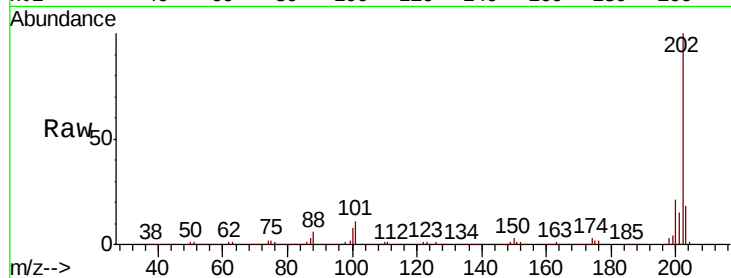
#75
Fluoranthene
Concen: 44.806 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1227185		
101	11.2		0.0	30.4
203	17.6		0.0	37.2

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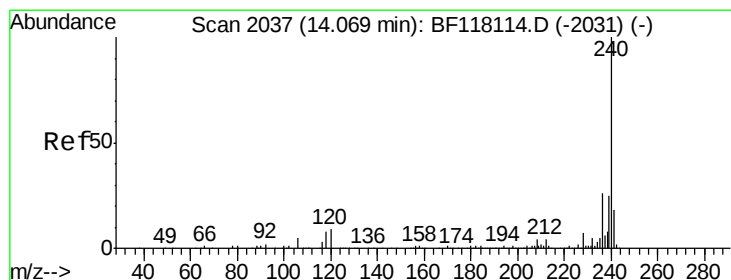
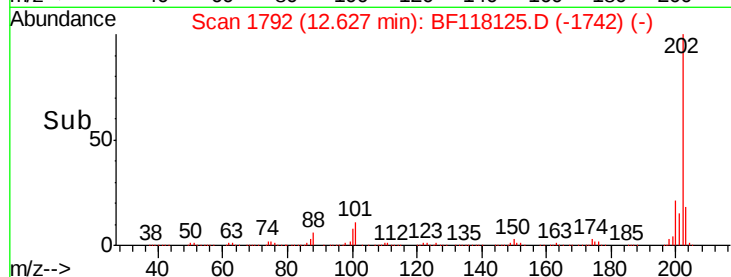
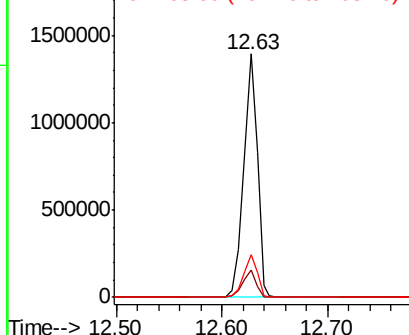


Abundance

Ion 202.00 (201.70 to 202.70): E

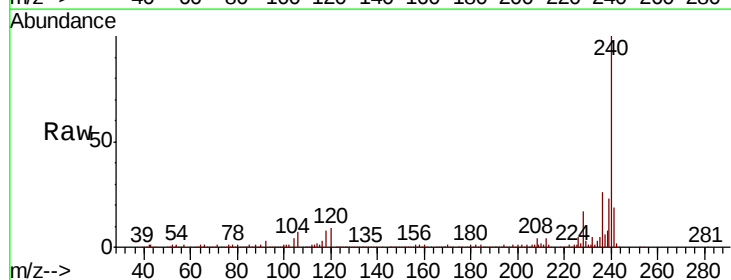
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	327632		
120	9.0		7.1	10.7
236	26.3		21.0	31.6

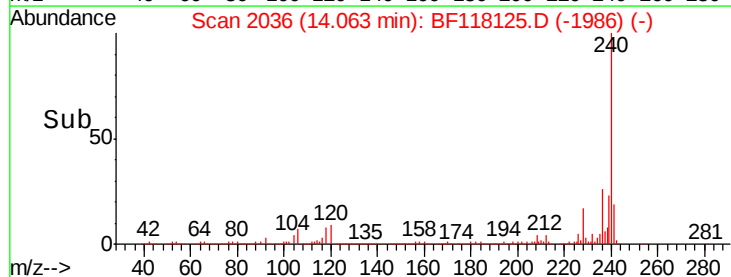
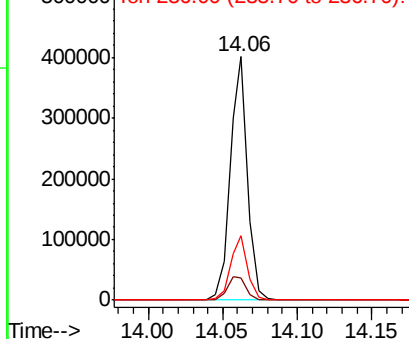


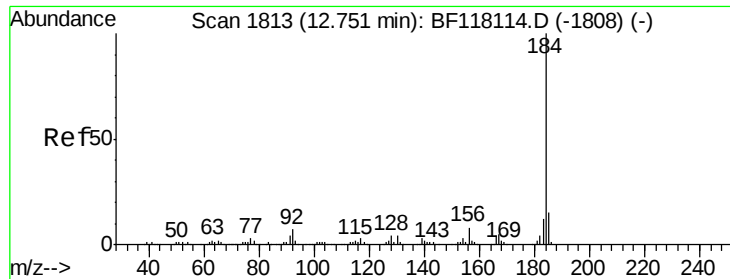
Abundance

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: 8.875 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

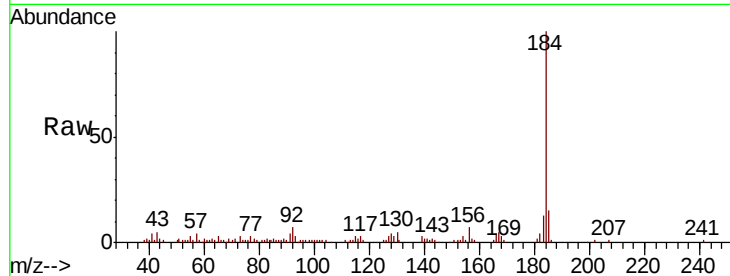
ClientSampleID :

WCMS

Tot Ion:	184	Resp:	76547
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.3	18.5
183	12.6	9.9	14.9

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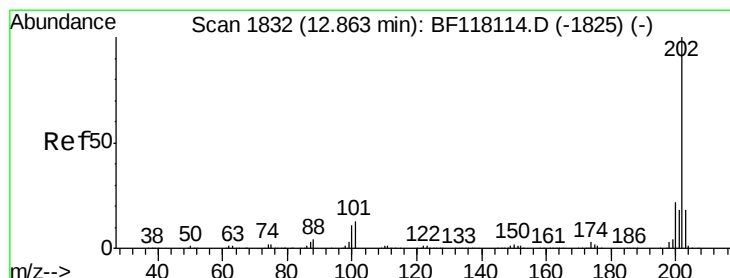
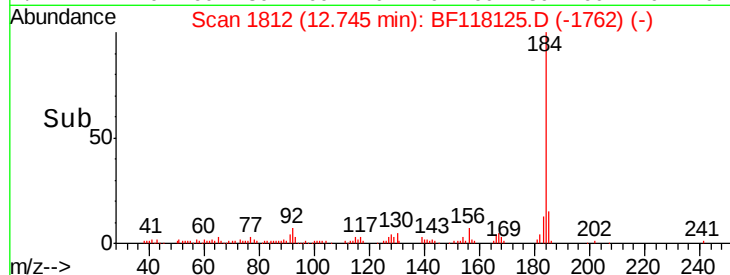
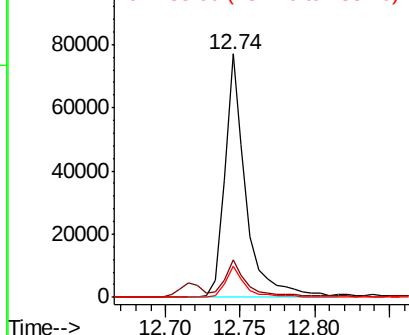


Abundance

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: 47.672 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

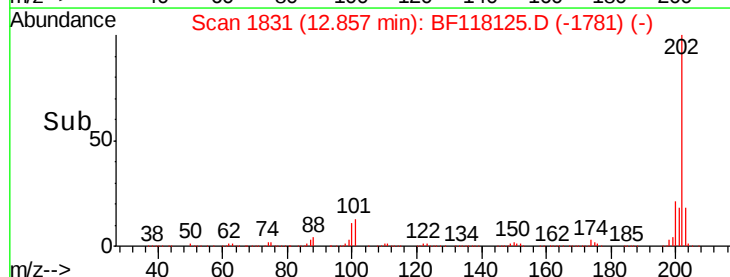
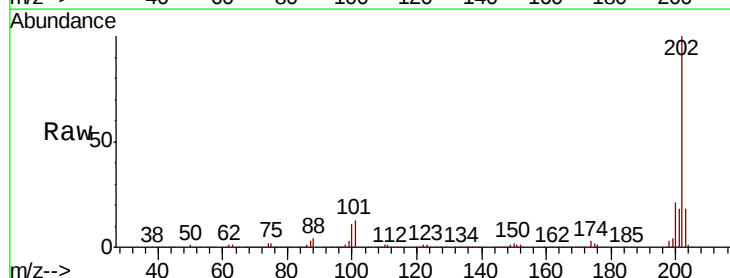
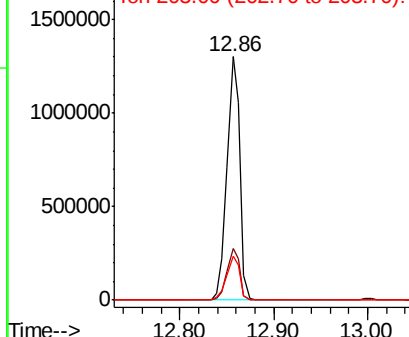
Tgt Ion:	202	Resp:	1230840
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.5	26.3
203	18.1	14.6	21.8

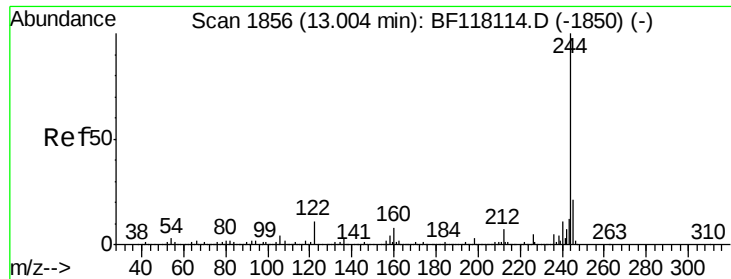
Abundance

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





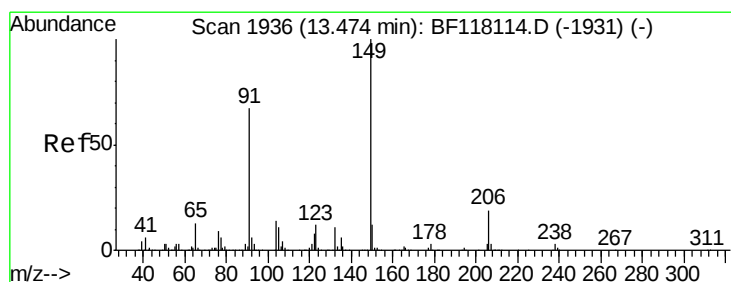
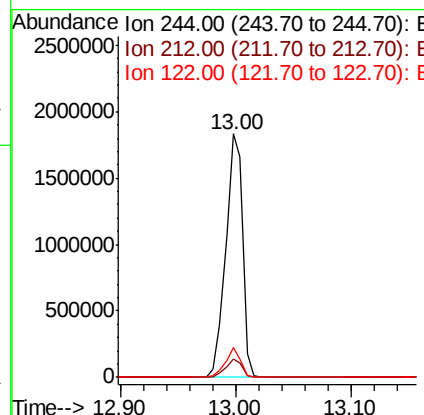
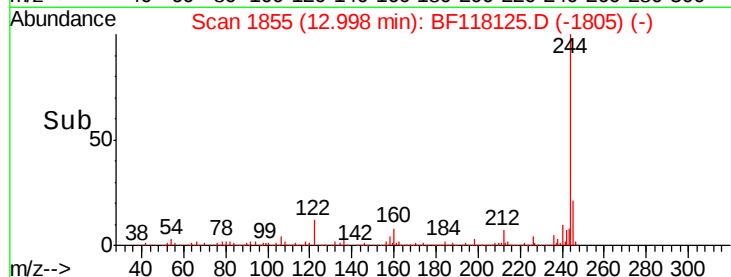
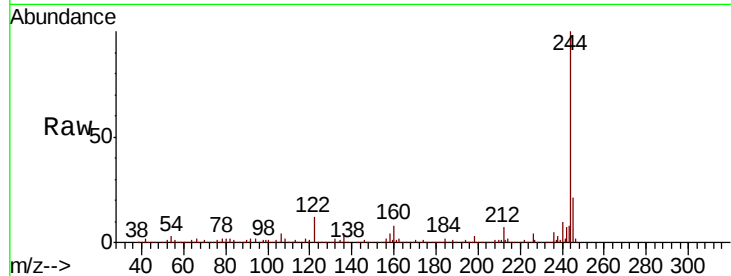
#79
 Terphenyl-d14
 Concen: 96.805 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampled :
 WCMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	12.2	9.0	13.6

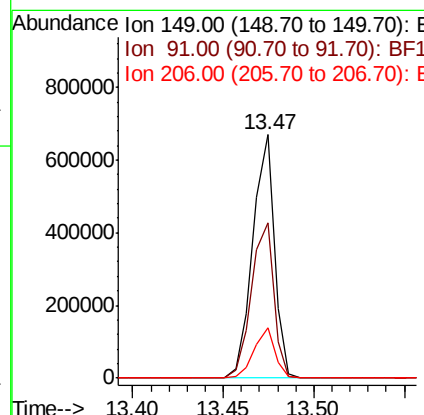
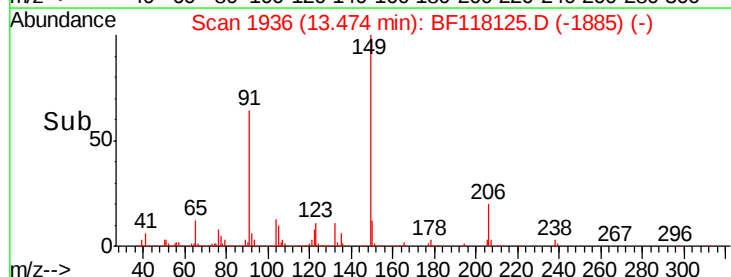
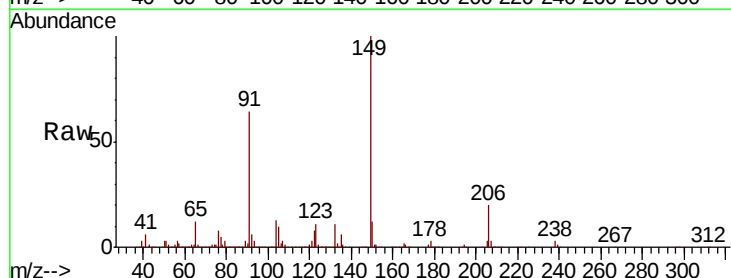
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#80
 Butylbenzylphthalate
 Concen: 47.603 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.8	53.9	80.9
206	20.4	15.2	22.8





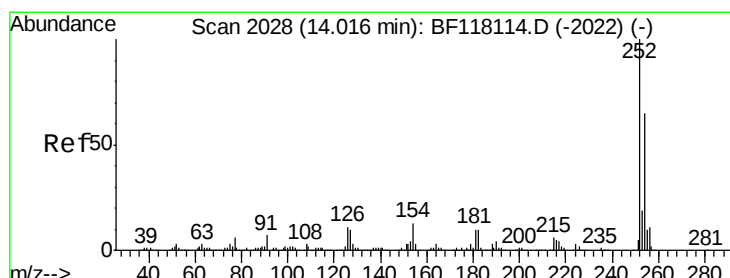
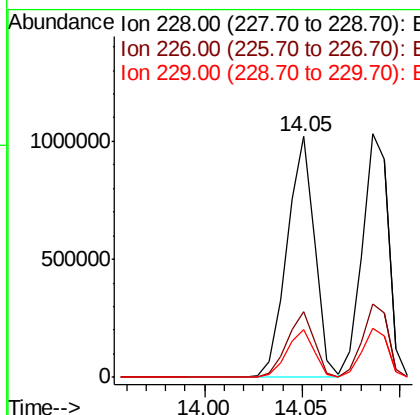
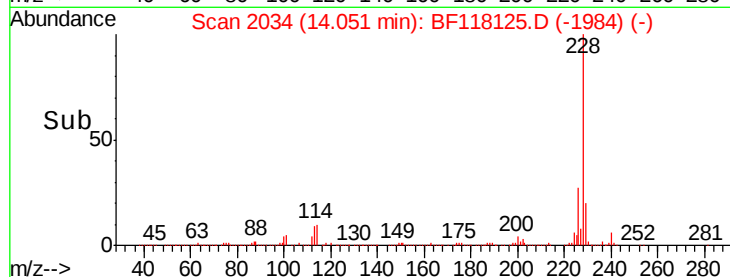
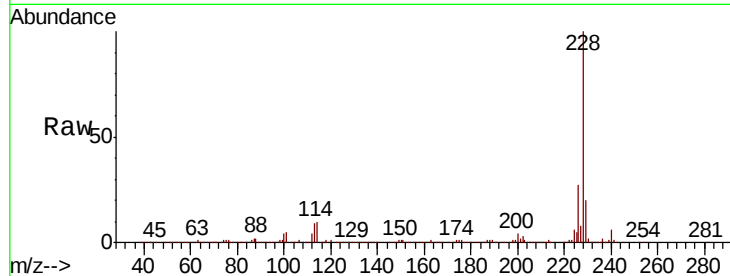
#81
Benzo(a)anthracene
Concen: 43.969 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.8	32.8
229	19.7	15.8	23.8

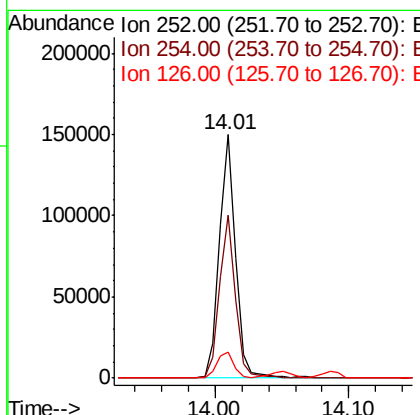
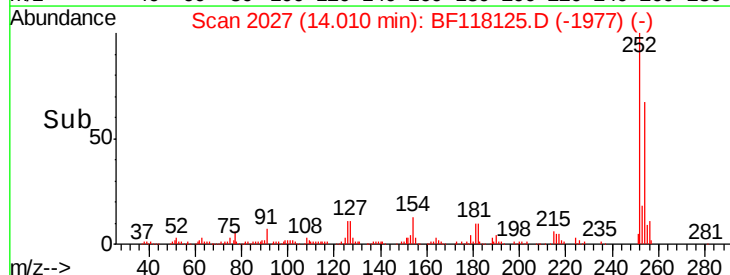
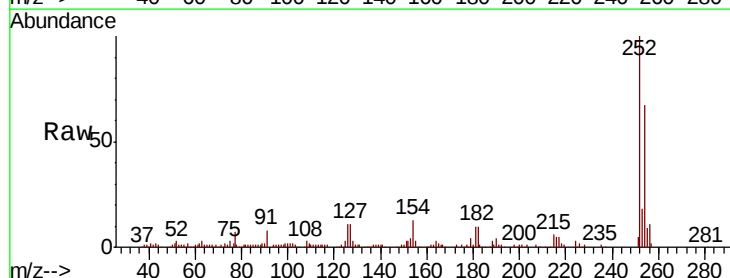
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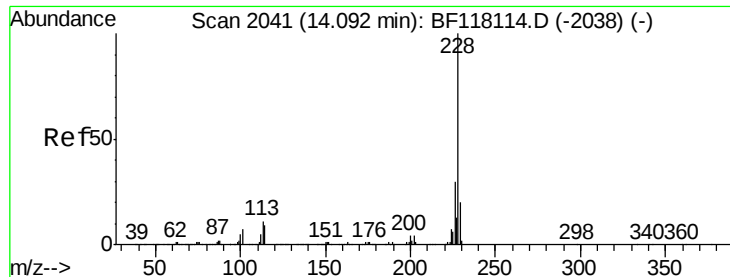
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#82
3,3'-Dichlorobenzidine
Concen: 17.448 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.0	52.2	78.4
126	10.9	8.6	13.0





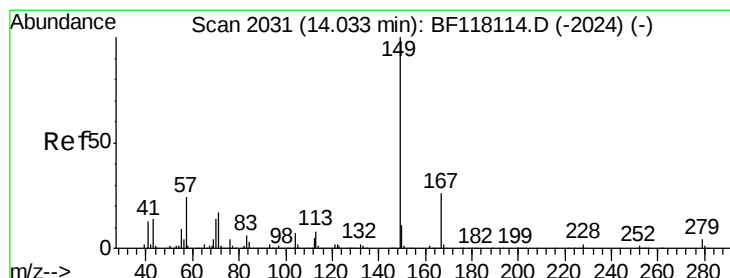
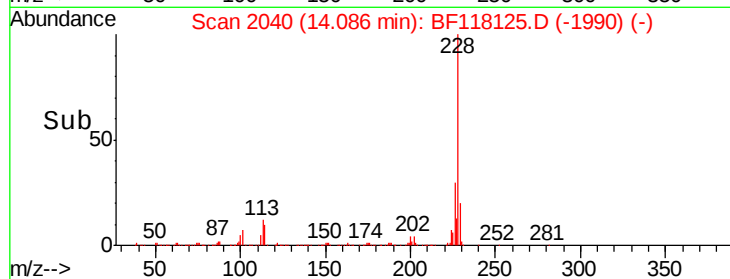
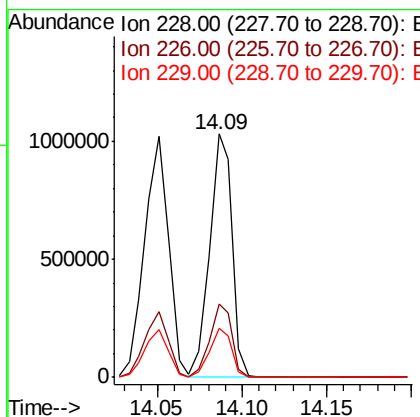
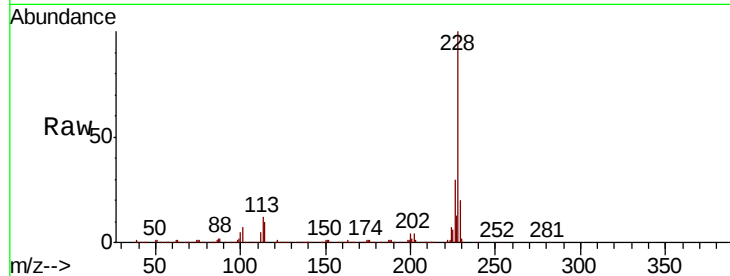
#83
 Chrvsene
 Concen: 44.188 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Instrument :
 BNA_F
 ClientSampleId :
 WCMS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	956237		
226	30.1		23.8	35.8
229	20.4		15.7	23.5

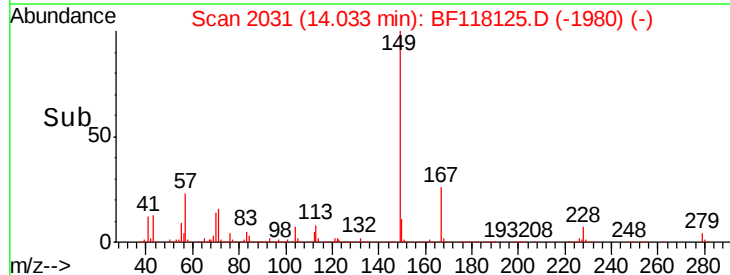
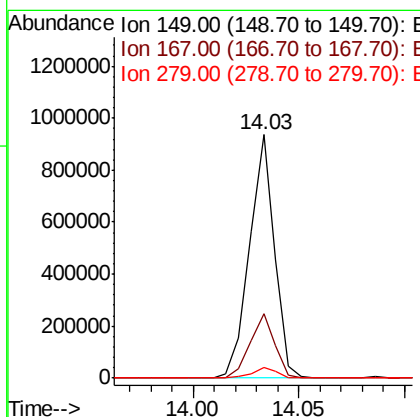
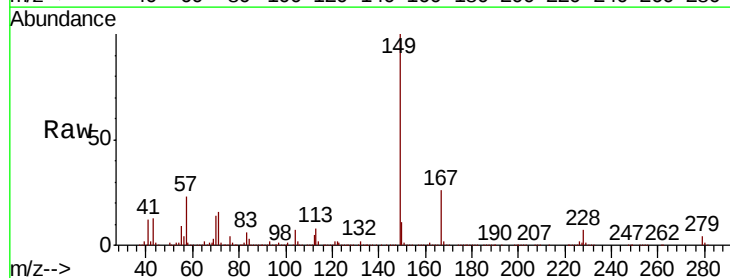
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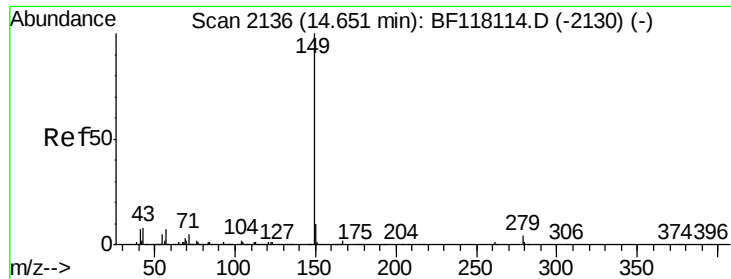
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.927 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF118125.D
 Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	769797		
167	26.2		20.8	31.2
279	4.2		2.9	4.3





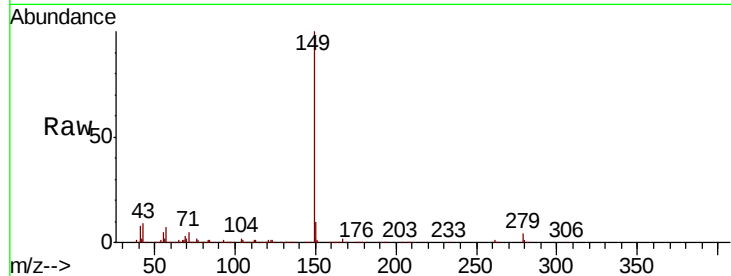
#85
Di-n-octyl phthalate
Concen: 50.177 ng
RT: 14.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

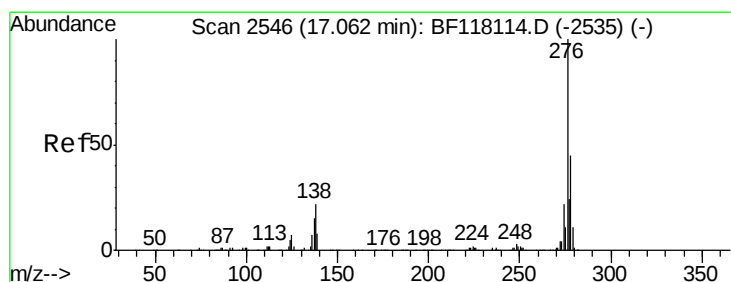
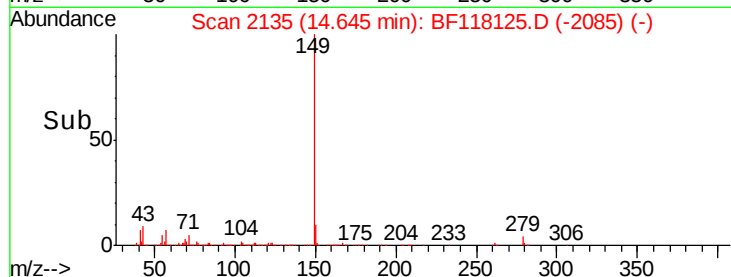
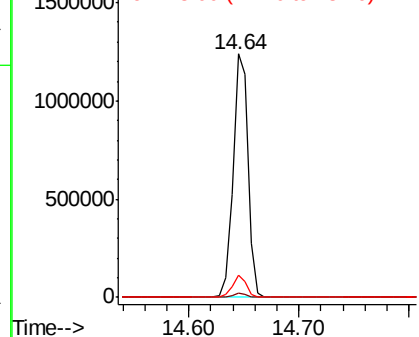
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.9	6.5	9.7

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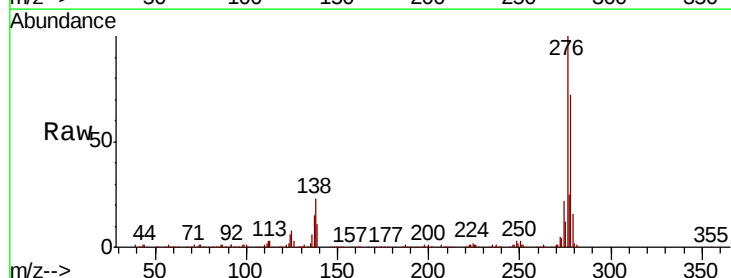


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

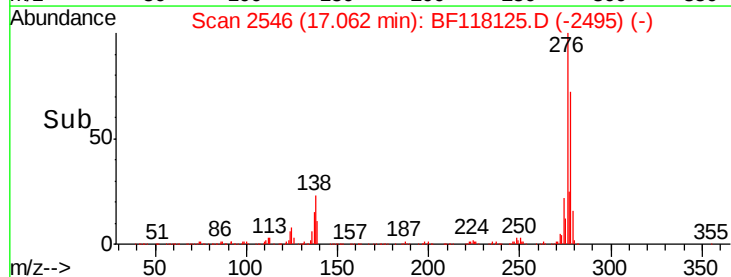
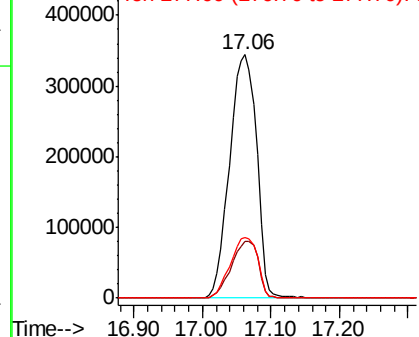


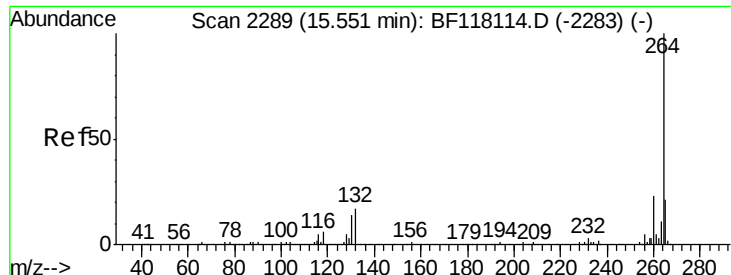
#86
Indeno(1,2,3-cd)pyrene
Concen: 51.685 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.4	18.9	28.3
277	25.4	20.4	30.6



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





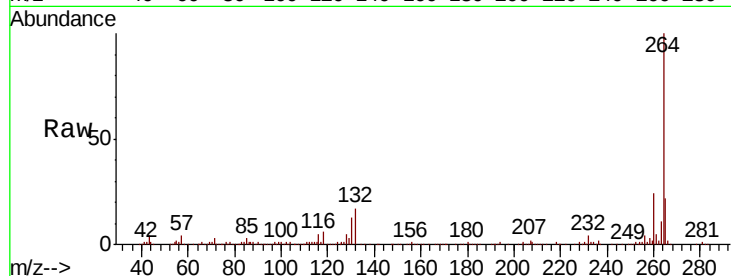
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	21.7	16.8	25.2

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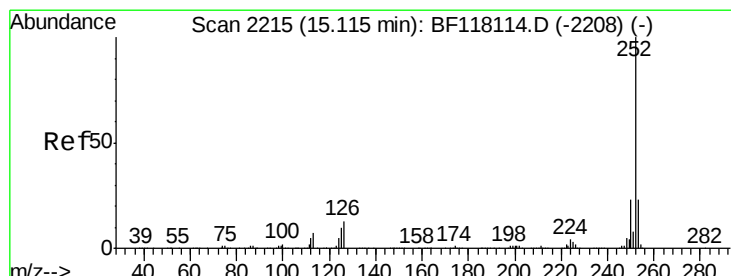
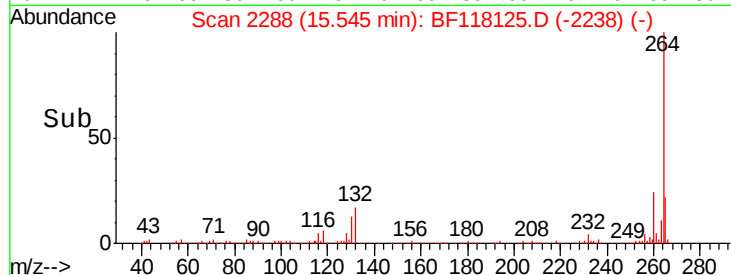
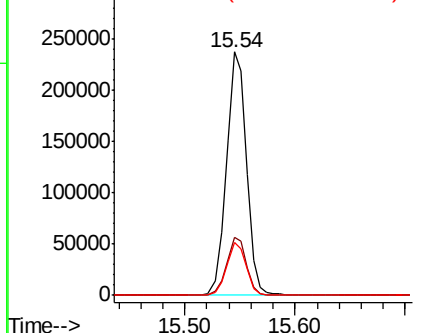


Abundance

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: 43.908 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

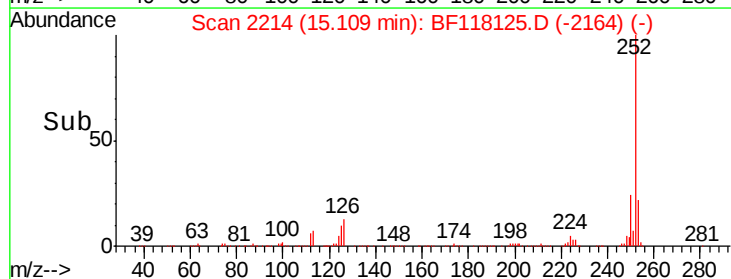
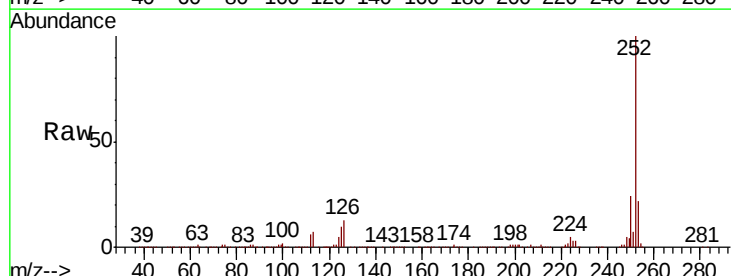
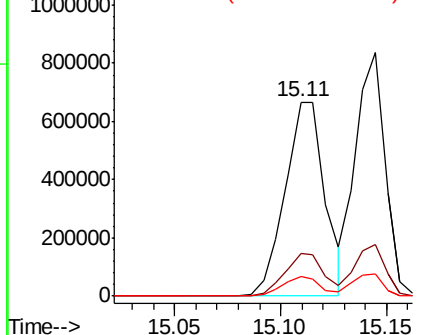
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.4
125	10.1	8.3	12.5

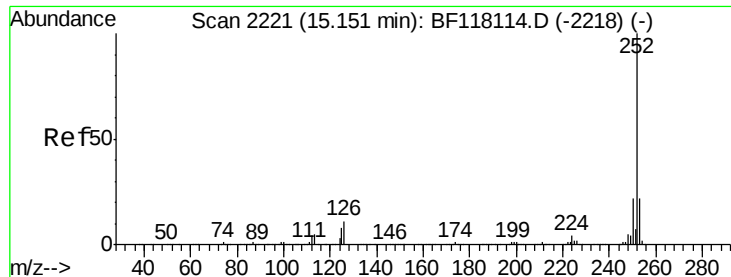
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.948 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

Instrument :

BNA_F

ClientSampleId :

WCMS

Tot Ion:252 Resp: 825680

Ion Ratio Lower Upper

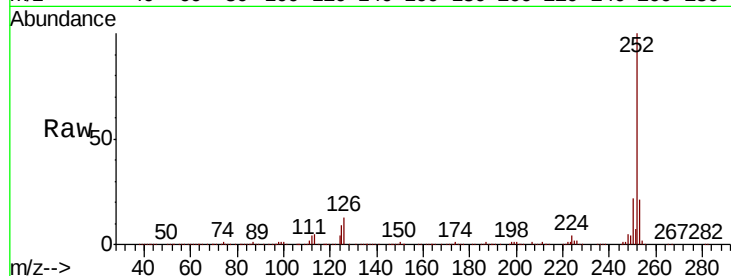
252 100

253 21.4 17.6 26.4

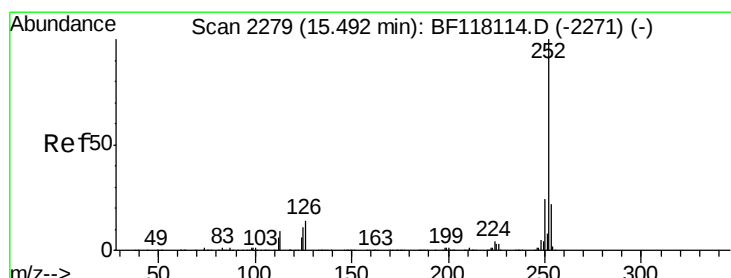
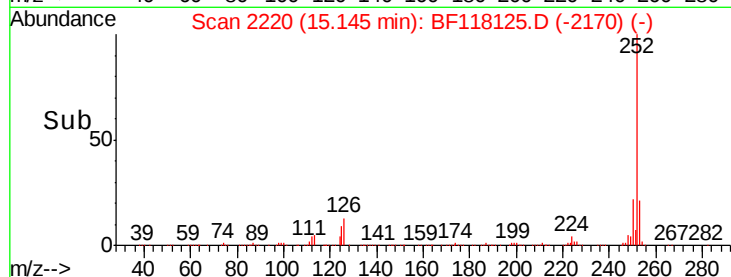
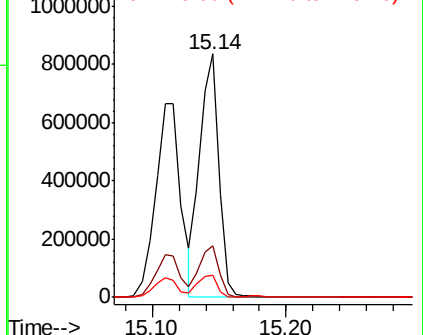
125 9.0 6.7 10.1

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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



#90

Benzo(a)pyrene

Concen: 45.544 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BF118125.D

Acq: 7 Dec 2019 13:26

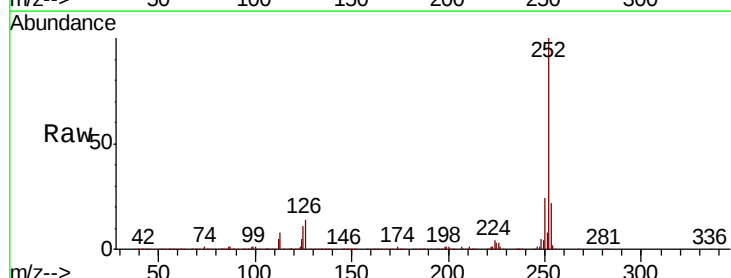
Tgt Ion:252 Resp: 804972

Ion Ratio Lower Upper

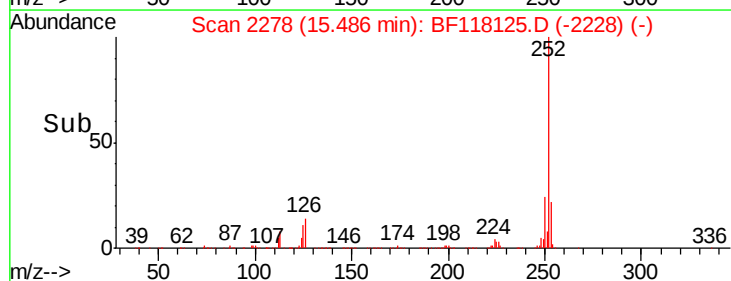
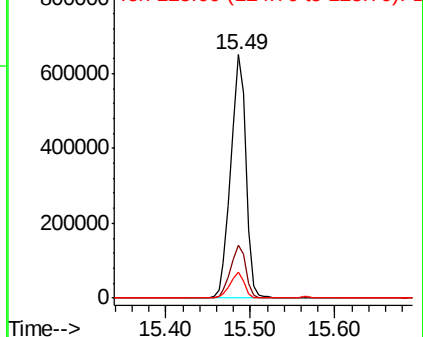
252 100

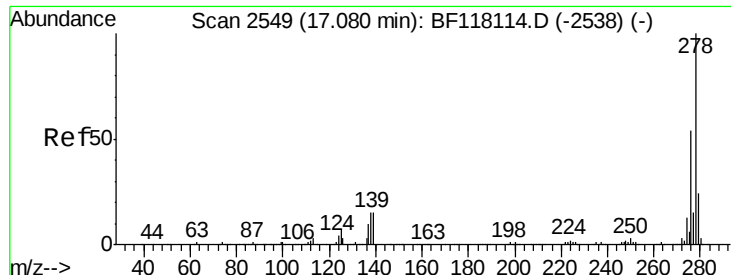
253 21.8 17.5 26.3

125 10.9 9.1 13.7



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





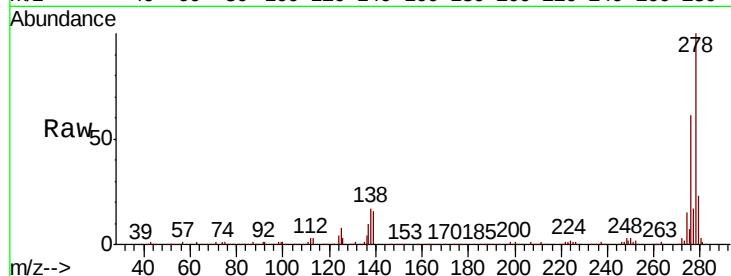
#91
Dibenzo(a,h)anthracene
Concen: 51.754 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Instrument :
BNA_F
ClientSampleId :
WCMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.7	17.5
279	23.4	19.0	28.4

Manual Integrations
APPROVED

mohammad
12/10/2019 11:47:26 AM

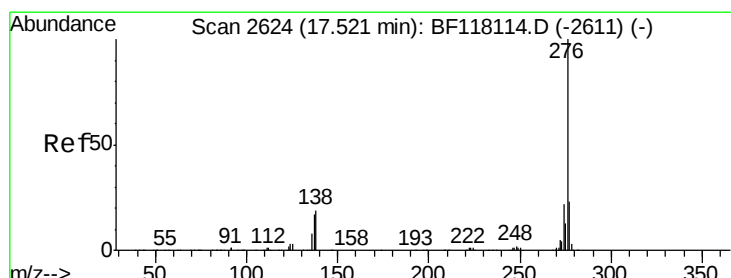
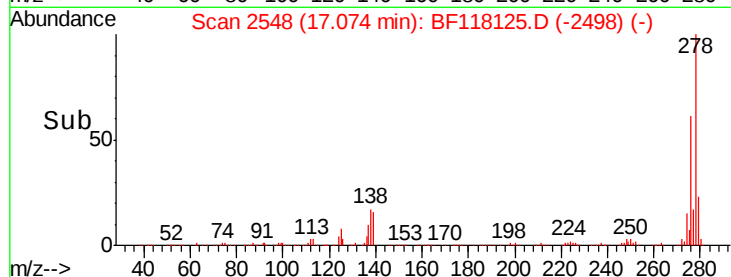
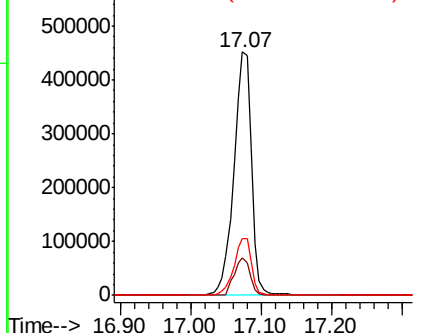


Abundance

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: 54.162 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118125.D
Acq: 7 Dec 2019 13:26

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.2	27.4
138	21.0	15.5	23.3

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

