

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118126.D
 Acq On : 7 Dec 2019 13:54
 Operator : JU
 Sample : K6162-03MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Manual Integrations
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mohammad
 12/10/2019 11:47:29 AM

Quant Time: Dec 09 06:43:16 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	6.86	152	122866	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	489549	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	261429	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	506594	20.00	ng	0.00
76) Chrysene-d12	14.06	240	341061	20.00	ng	0.00
87) Perylene-d12	15.55	264	301551	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	976437	139.19	ng	0.02
7) Phenol-d6	6.50	99	1220290	143.82	ng	0.00
23) Nitrobenzene-d5	7.43	82	753142	86.55	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	448428	141.20	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1504944	87.60	ng	0.00
79) Terphenyl-d14	13.00	244	1939078	97.77	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.83	88	115610	39.085	ng	# 85
3) Pyridine	3.55	79	270093	35.392	ng	98
4) n-Nitrosodimethylamine	3.46	42	154362	47.019	ng	98
6) Aniline	6.53	93	123321	11.362	ng	95
8) 2-Chlorophenol	6.66	128	377998	47.787	ng	98
9) Benzaldehyde	6.42	77	93287	16.685	ng	97
10) Phenol	6.52	94	427365	44.166	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	322516	46.084	ng	95
12) 1,3-Dichlorobenzene	6.81	146	365430	39.547	ng	96
13) 1,4-Dichlorobenzene	6.89	146	381505	41.002	ng	97
14) 1,2-Dichlorobenzene	7.04	146	355884	40.728	ng	98
15) Benzyl Alcohol	7.01	79	324656	49.017	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	369816	43.949	ng	98
17) 2-Methylphenol	7.12	107	304405	48.385	ng	99
18) Hexachloroethane	7.38	117	133827	39.033	ng	99
19) n-Nitroso-di-n-propylamine	7.28	70	242202	46.976	ng	99
20) 3+4-Methylphenols	7.27	107	387746	49.067	ng	96
22) Acetophenone	7.27	105	516699	43.932	ng	99
24) Nitrobenzene	7.45	77	377027	44.099	ng	99
25) Isophorone	7.69	82	671072	45.492	ng	100
26) 2-Nitrophenol	7.77	139	212657	46.537	ng	97
27) 2,4-Dimethylphenol	7.80	122	328182	53.841	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	419523	43.523	ng	97
29) 2,4-Dichlorophenol	8.01	162	327678	46.114	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	342892	41.291	ng	99
31) Naphthalene	8.17	128	1083276	44.060	ng	99
32) Benzoic acid	7.91	122	107837	19.594	ng	100
33) 4-Chloroaniline	8.22	127	38971	3.671	ng	98
34) Hexachlorobutadiene	8.29	225	192360	38.629	ng	98
35) Caprolactam	8.60	113	97796m	44.628	ng	
36) 4-Chloro-3-methylphenol	8.72	107	350444	46.864	ng	97
37) 2-Methylnaphthalene	8.87	142	761254	45.735	ng	99
38) 1-Methylnaphthalene	8.97	142	701604	44.892	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	338413	42.731	ng	99

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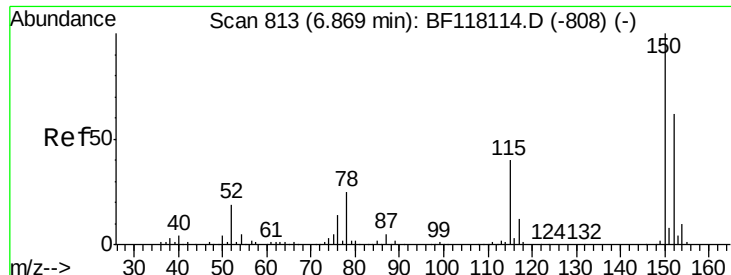
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	325079	91.614	nq	97
43) 2,4,6-Trichlorophenol	9.15	196	240228	45.431	nq	97
44) 2,4,5-Trichlorophenol	9.20	196	253001	46.182	nq	92
46) 1,1'-Biphenyl	9.33	154	930393	45.124	nq	100
47) 2-Chloronaphthalene	9.36	162	716864	43.222	nq	97
48) 2-Nitroaniline	9.46	65	206151	43.585	nq	98
49) Acenaphthylene	9.78	152	1135047	46.399	nq	99
50) Dimethylphthalate	9.64	163	861402	44.609	nq	99
51) 2,6-Dinitrotoluene	9.70	165	194941	46.427	nq	95
52) Acenaphthene	9.95	154	665695	44.584	nq	99
53) 3-Nitroaniline	9.87	138	55251	11.181	nq	97
54) 2,4-Dinitrophenol	9.98	184	69075	33.066	nq	90
55) Dibenzofuran	10.12	168	1014739	46.381	nq	100
56) 4-Nitrophenol	10.04	139	313931	91.543	nq	99
57) 2,4-Dinitrotoluene	10.11	165	269725	48.127	nq	94
58) Fluorene	10.47	166	799877	46.005	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	221057	48.909	nq	99
60) Diethylphthalate	10.34	149	868416	45.645	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	394512	45.096	nq	97
62) 4-Nitroaniline	10.49	138	199585	38.726	nq	98
63) Azobenzene	10.62	77	745456	45.898	nq	94
65) 4,6-Dinitro-2-methylphenol	10.52	198	78060	27.902	nq	96
66) n-Nitrosodiphenylamine	10.58	169	718669	45.428	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	251235	43.445	nq	97
68) Hexachlorobenzene	11.02	284	292116	42.917	nq	# 91
69) Atrazine	11.10	200	217706	56.853	nq	97
70) Pentachlorophenol	11.22	266	294279	91.935	nq	100
71) Phenanthrene	11.43	178	1226510	45.544	nq	99
72) Anthracene	11.49	178	1262849	47.008	nq	99
73) Carbazole	11.64	167	1109409	46.027	nq	100
74) Di-n-butylphthalate	11.97	149	1362266	45.159	nq	99
75) Fluoranthene	12.63	202	1266463	45.998	nq	98
77) Benzidine	12.75	184	586376	65.309	nq	98
78) Pyrene	12.86	202	1278660	47.574	nq	99
80) Butylbenzylphthalate	13.47	149	567789	46.646	nq	96
81) Benzo(a)anthracene	14.05	228	1044775	44.302	nq	100
82) 3,3'-Dichlorobenzidine	14.01	252	135109	17.444	nq	98
83) Chrysene	14.09	228	995546	44.193	nq	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	785020	48.910	nq	# 99
85) Di-n-octyl phthalate	14.65	149	1202150	49.444	nq	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	928491	48.985	nq	99
88) Benzo(b)fluoranthene	15.12	252	911753	45.717	nq	97
89) Benzo(k)fluoranthene	15.14	252	853239	44.534	nq	99
90) Benzo(a)pyrene	15.49	252	813408	46.180	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	771000	51.034	nq	99
92) Benzo(g,h,i)perylene	17.52	276	769373	52.996	nq	99

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



#1

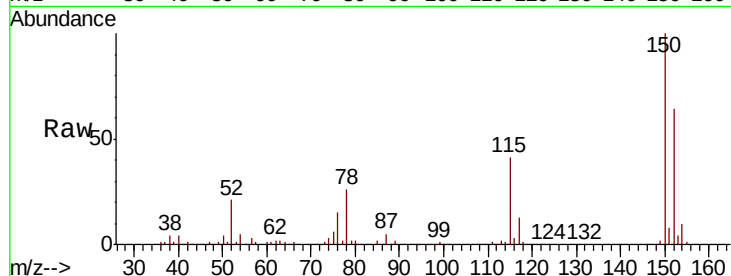
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampled :
WCMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	128.3	192.5
115	63.3	51.1	76.7

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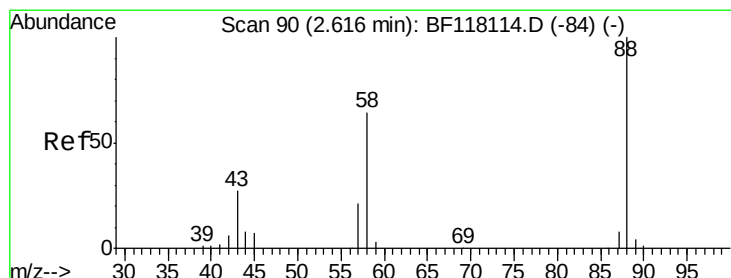
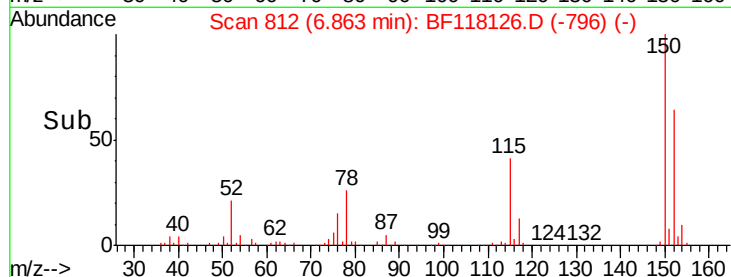
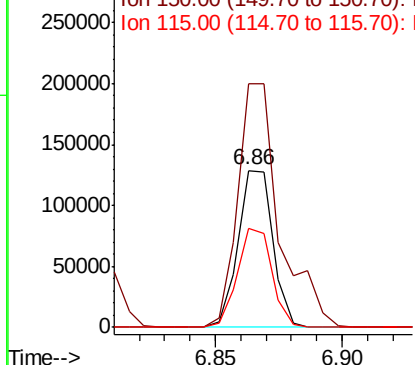


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

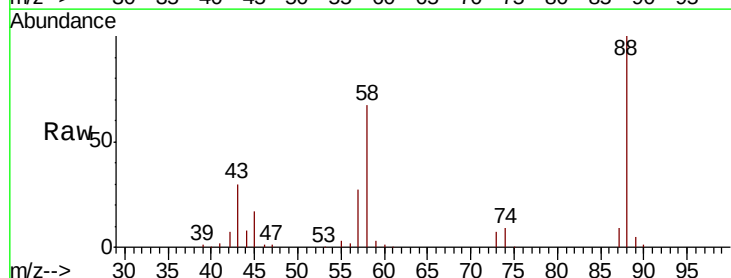
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.085 ng
RT: 2.83 min Scan# 126
Delta R.T. 0.21 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.5	52.2	78.4
43	0.0	21.4	32.2

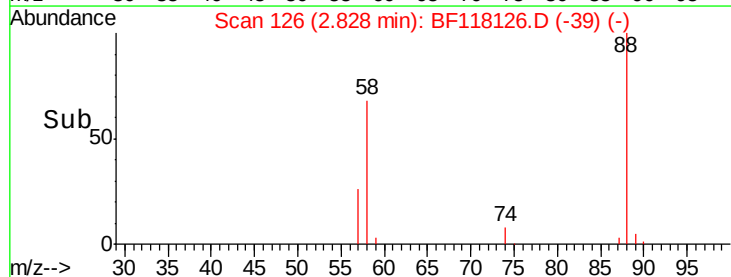
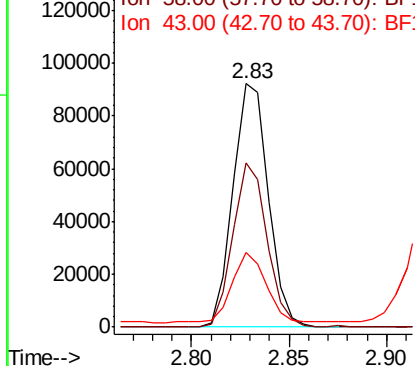


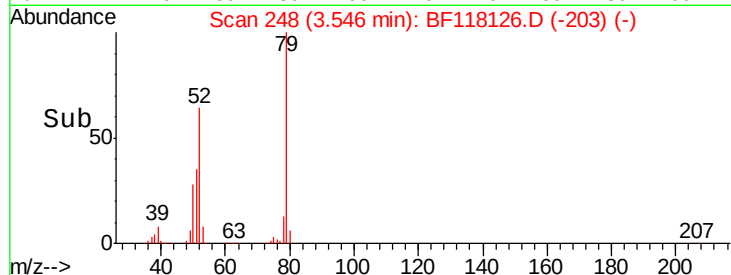
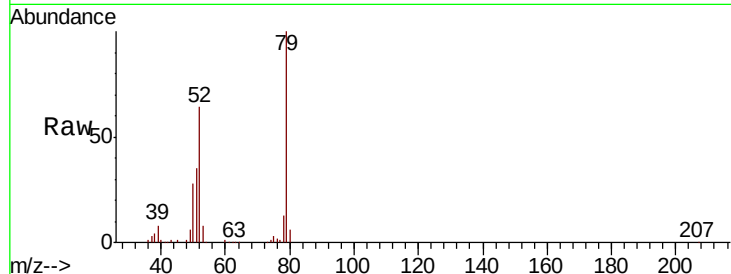
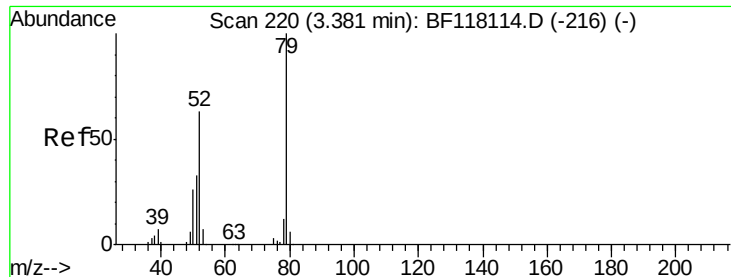
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





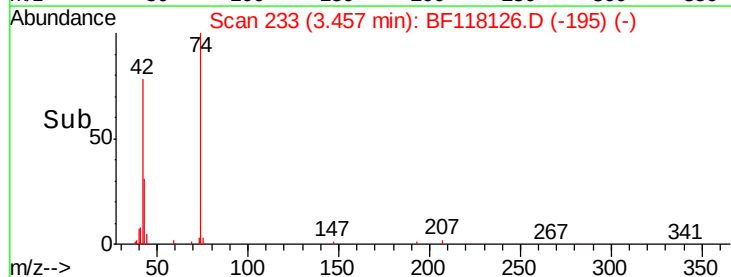
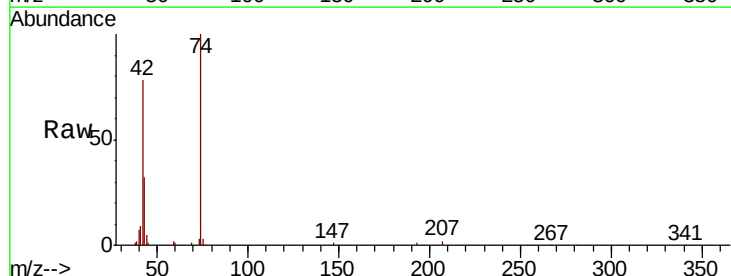
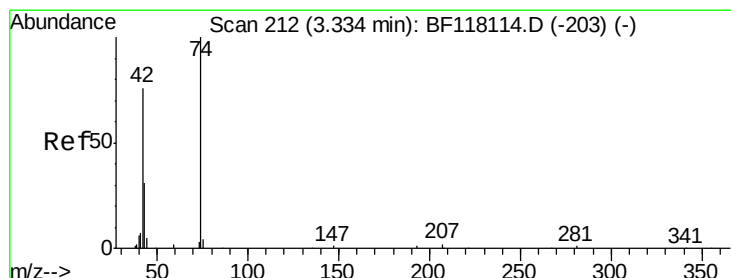
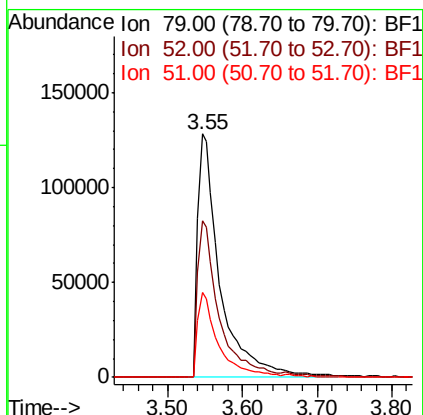
#3
Pvridine
Concen: 35.392 ng
RT: 3.55 min Scan# 248
Delta R.T. 0.16 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.1	50.7	76.1
51	34.8	26.4	39.6

Instrument :
BNA_F
ClientSampleId :
WCMSD

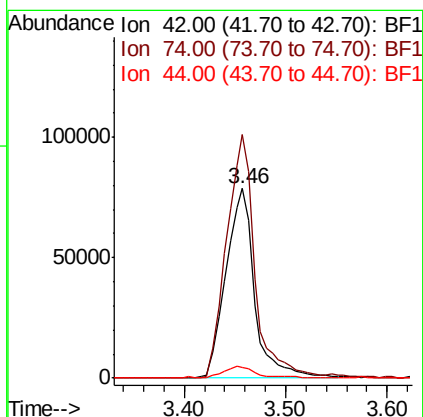
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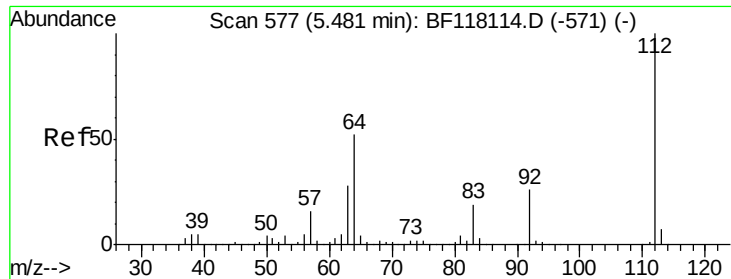
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#4
n-Nitrosodimethylamine
Concen: 47.019 ng
RT: 3.46 min Scan# 233
Delta R.T. 0.12 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.5	104.6	157.0
44	5.9	5.1	7.7





#5

2-Fluorophenol

Concen: 139.192 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.02 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

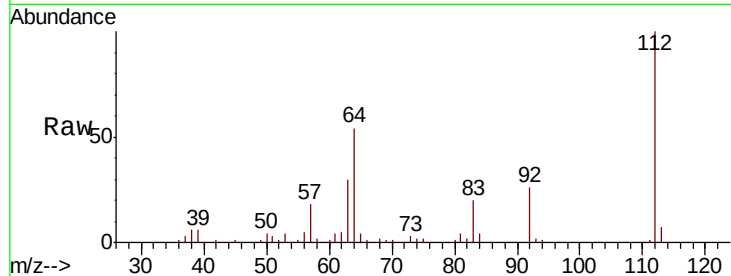
ClientSampled :

WCMSD

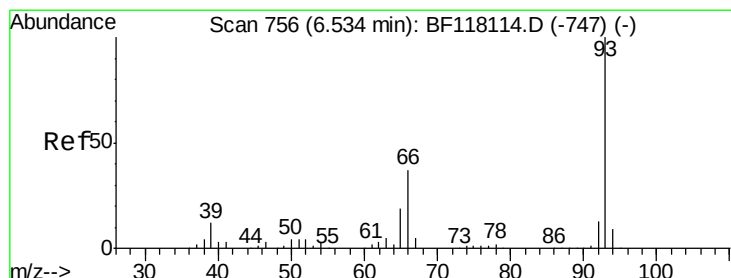
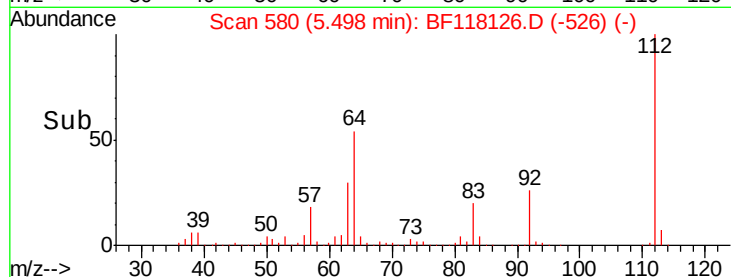
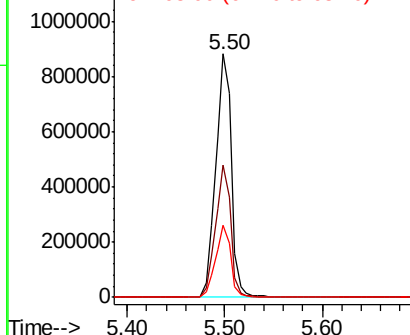
Tot Ion:	112	Resp:	976437
Ion Ratio	Lower	Upper	
112	100		
64	54.3	41.3	61.9
63	29.6	22.4	33.6

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 11.362 ng

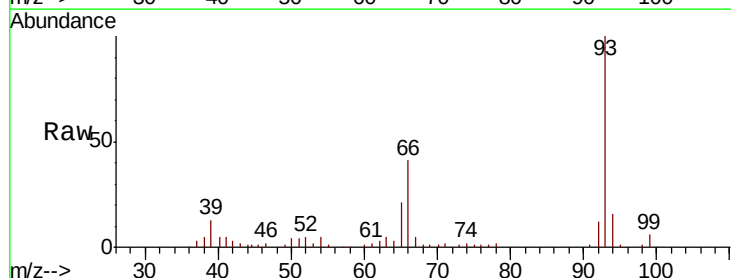
RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

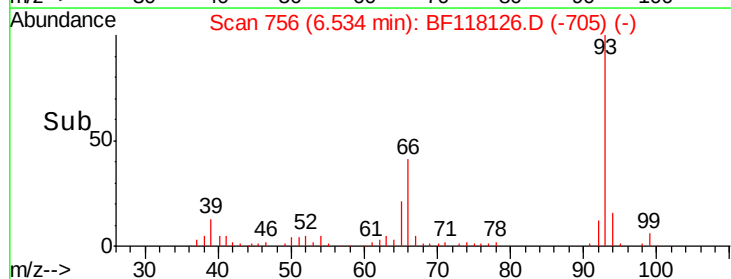
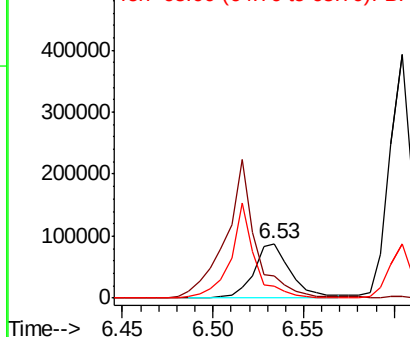
Lab File: BF118126.D

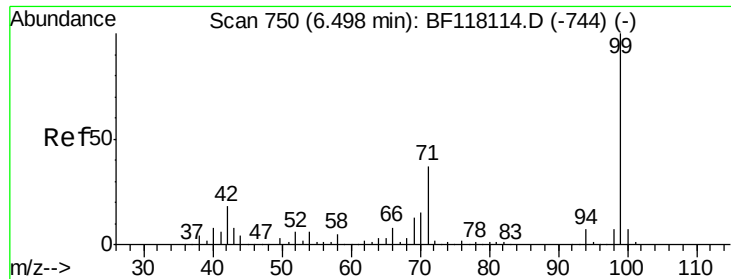
Acq: 7 Dec 2019 13:54

Tgt Ion:	93	Resp:	123321
Ion Ratio	Lower	Upper	
93	100		
66	41.0	30.2	45.2
65	21.3	15.5	23.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.819 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampled :

WCMSD

Tot Ion: 99 Resp: 1220290

Ion Ratio Lower Upper

99 100

42 18.0 14.1 21.1

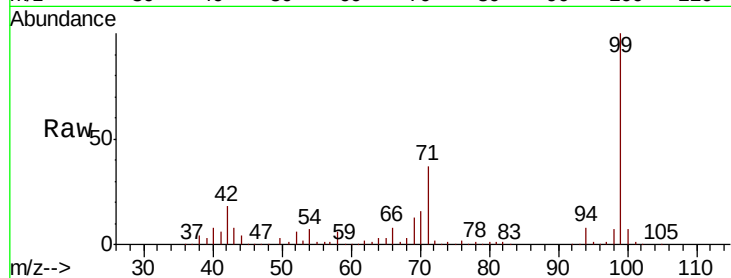
71 37.3 29.7 44.5

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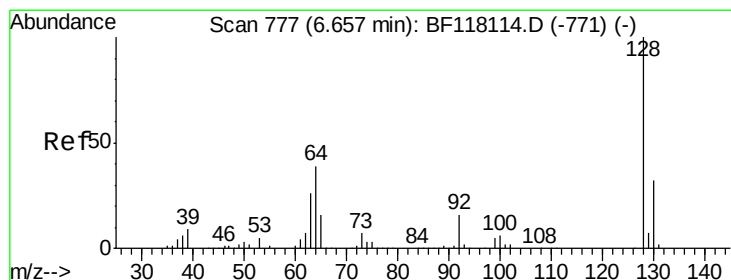
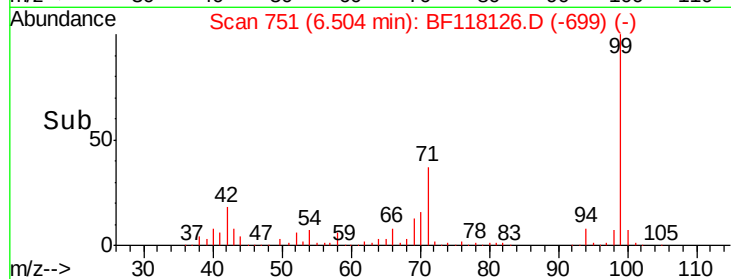
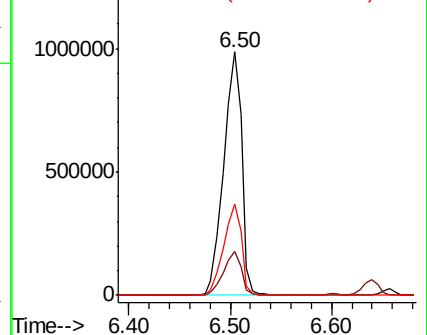
12/10/2019 11:47:29 AM



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: 47.787 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

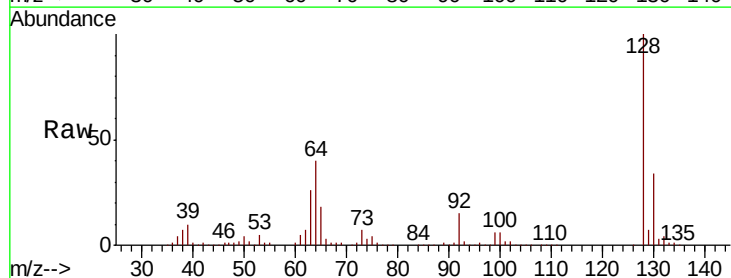
Tgt Ion:128 Resp: 377998

Ion Ratio Lower Upper

128 100

130 33.6 12.1 52.1

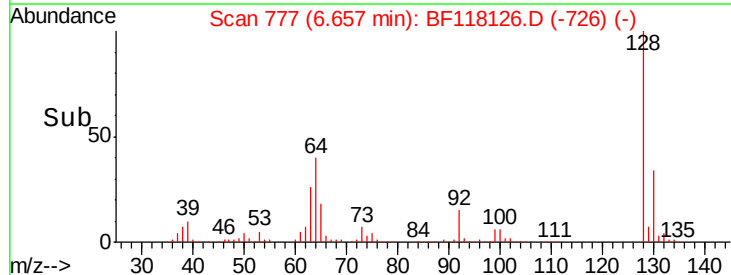
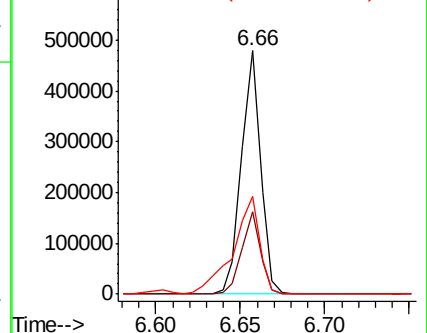
64 40.0 19.3 59.3

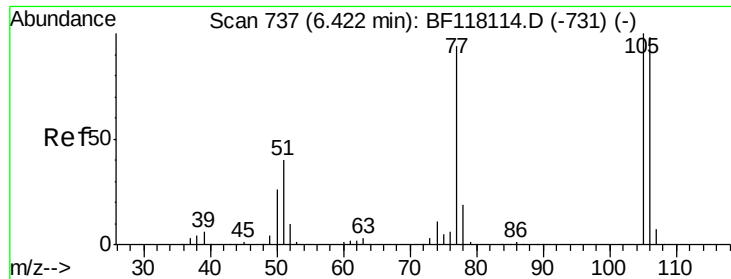


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 16.685 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

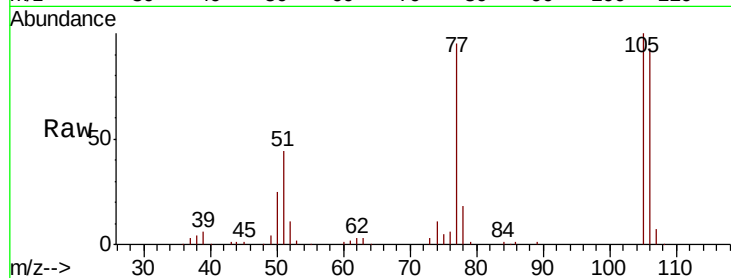
ClientSampled :

WCMSD

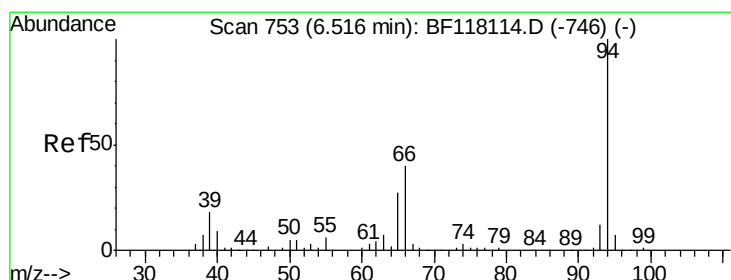
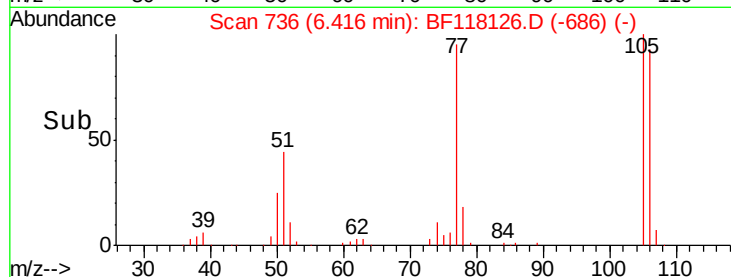
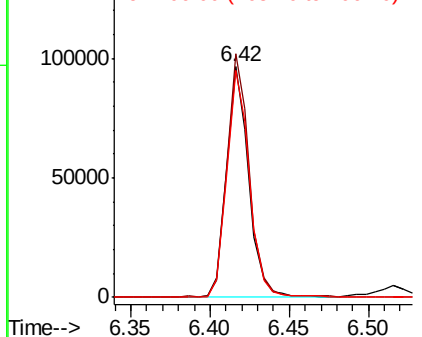
Tot Ion: 77 Resp: 93287
 Ion Ratio Lower Upper
 77 100
 105 105.7 86.4 126.4
 106 98.6 83.8 123.8

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Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 105.00 (104.70 to 105.70): E
 Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 44.166 ng

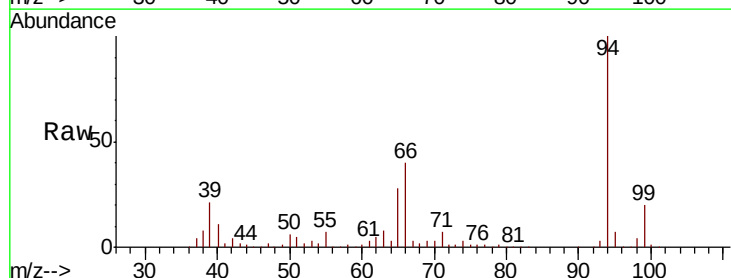
RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

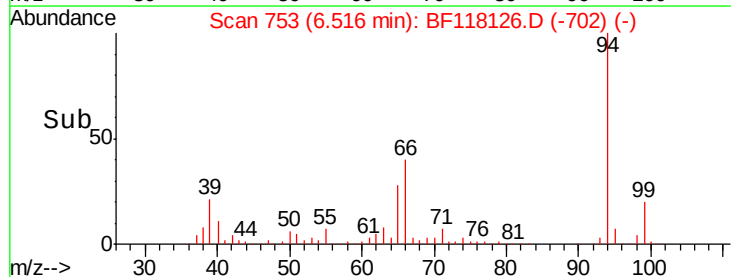
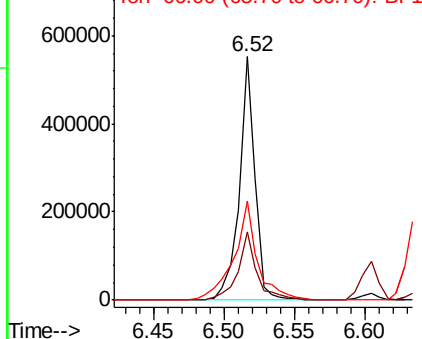
Lab File: BF118126.D

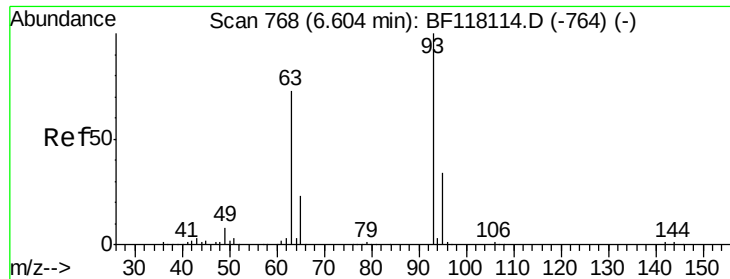
Acq: 7 Dec 2019 13:54

Tgt Ion: 94 Resp: 427365
 Ion Ratio Lower Upper
 94 100
 65 27.8 7.3 47.3
 66 40.5 20.2 60.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 66.00 (65.70 to 66.70): BF1





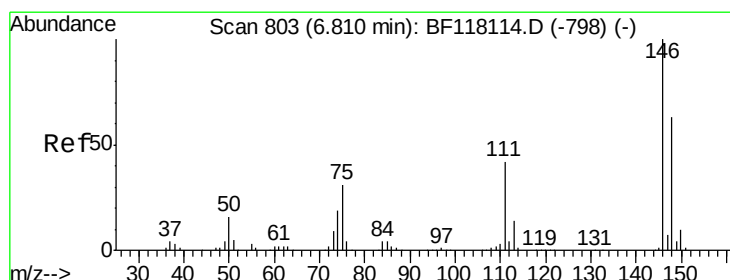
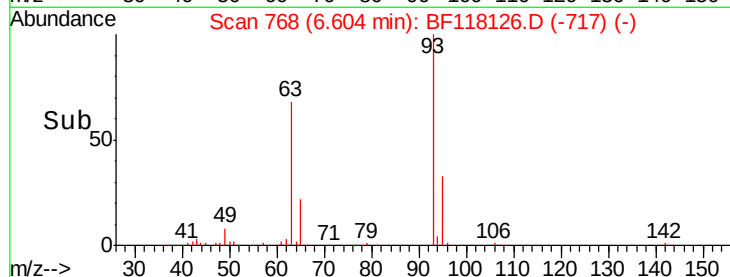
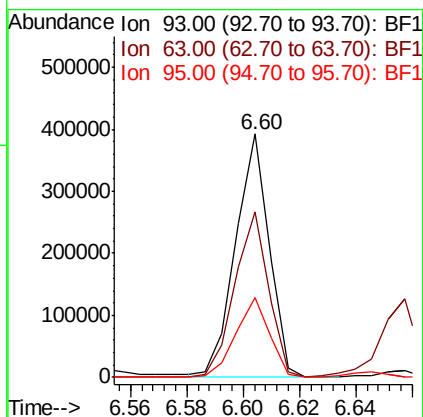
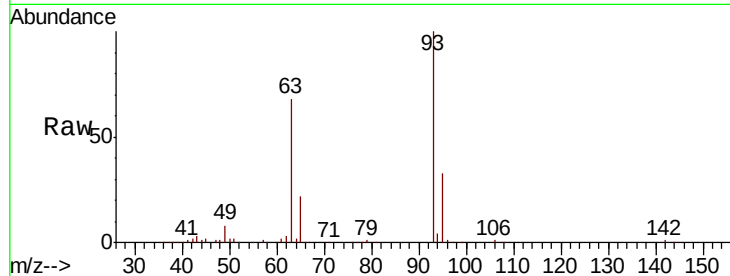
#11
bis(2-Chloroethyl)ether
Concen: 46.084 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	68.2	53.2	93.2
95	32.6	13.8	53.8

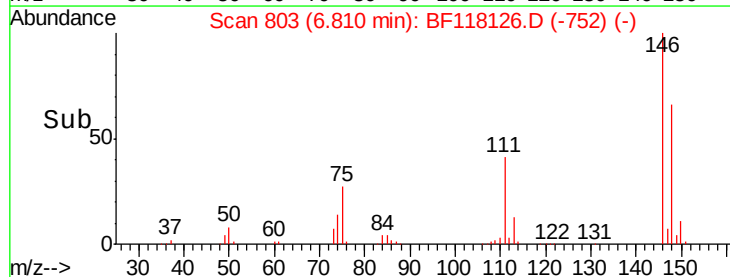
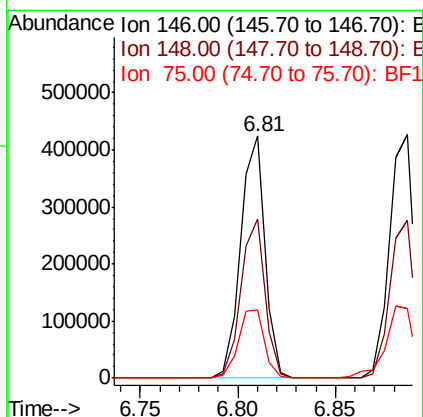
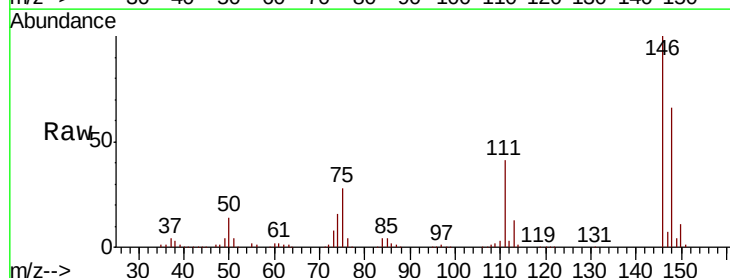
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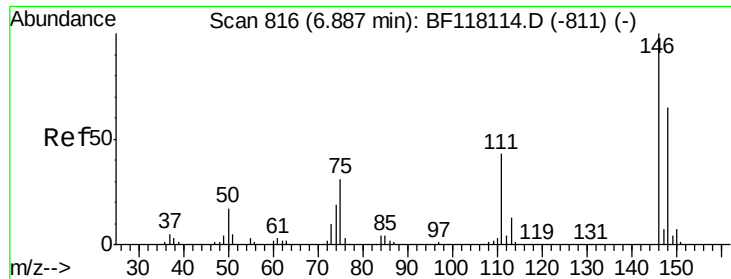
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#12
1,3-Dichlorobenzene
Concen: 39.547 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.2	75.4
75	28.0	24.6	37.0





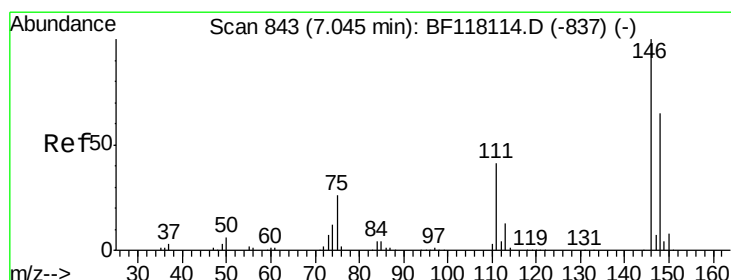
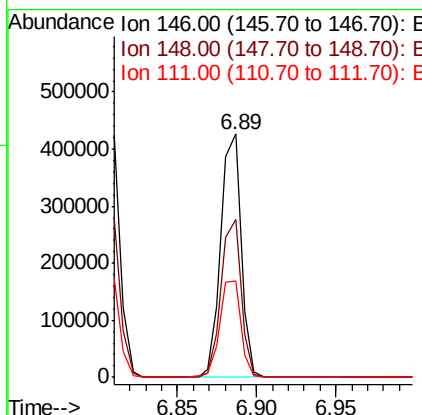
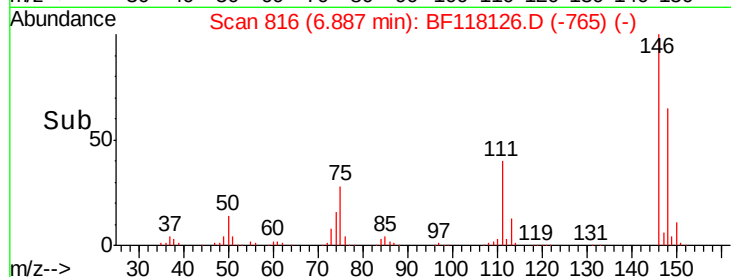
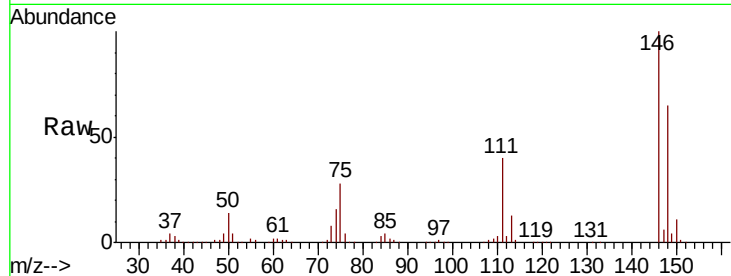
#13
 1,4-Dichlorobenzene
 Concen: 41.002 ng
 RT: 6.89 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampled :
 WCMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
111	39.6	34.6	52.0

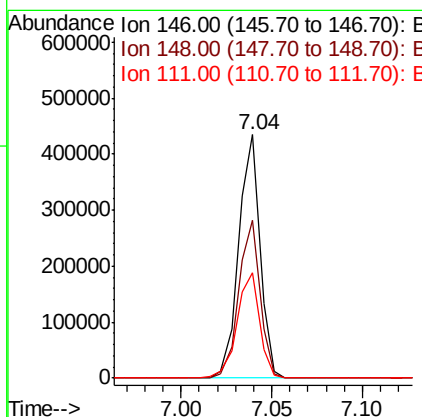
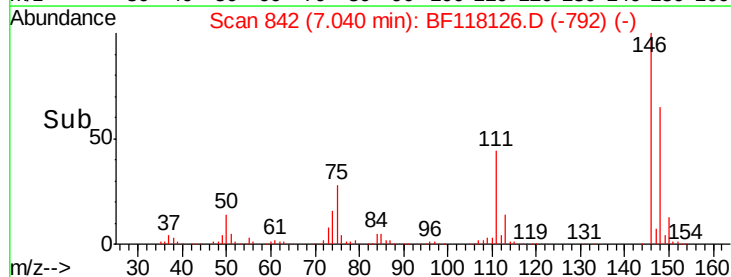
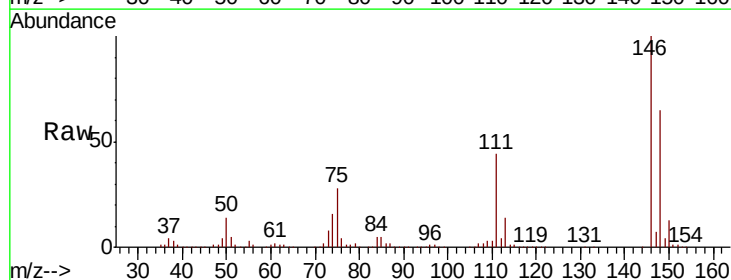
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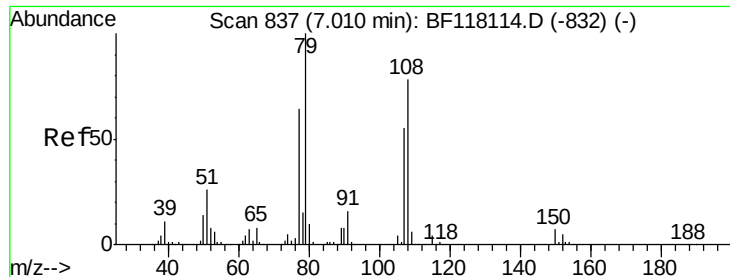
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#14
 1,2-Dichlorobenzene
 Concen: 40.728 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.2	78.2
111	43.5	33.1	49.7





#15

Benzyl Alcohol

Concen: 49.017 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampled :

WCMSD

Tot Ion: 79 Resp: 324656

Ion Ratio Lower Upper

79 100

108 78.3 62.7 94.1

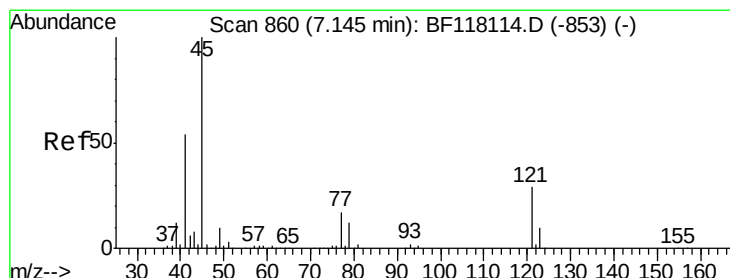
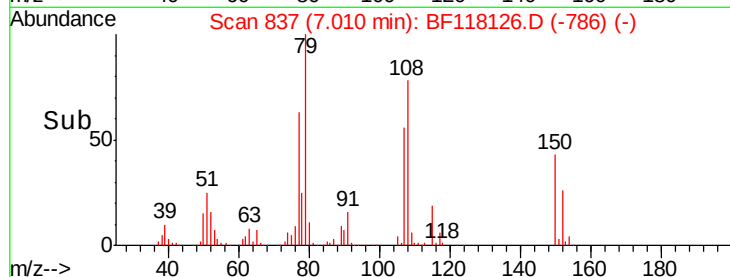
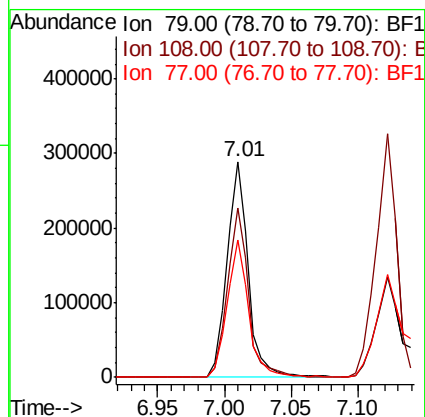
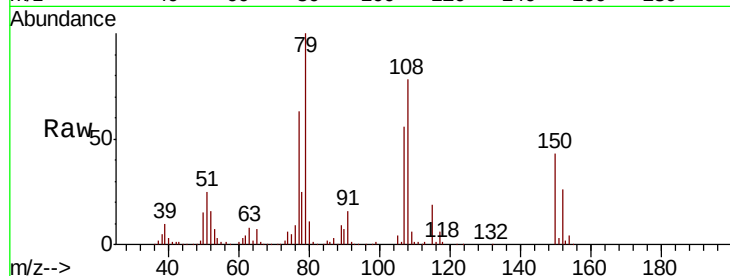
77 63.5 51.4 77.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 43.949 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

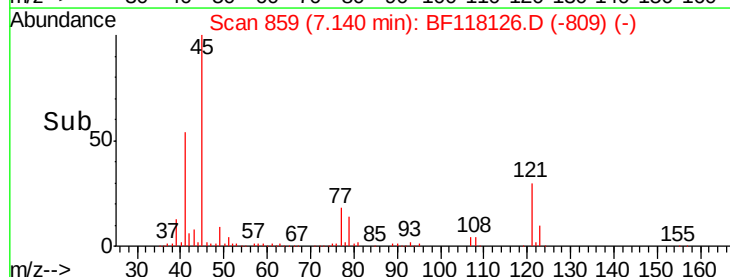
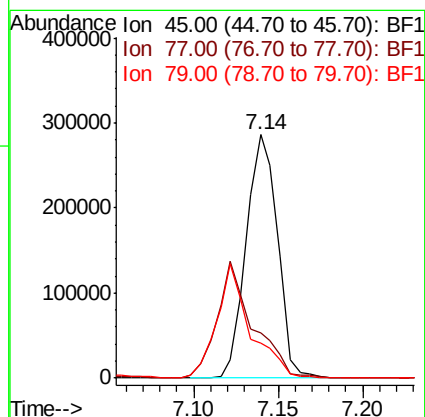
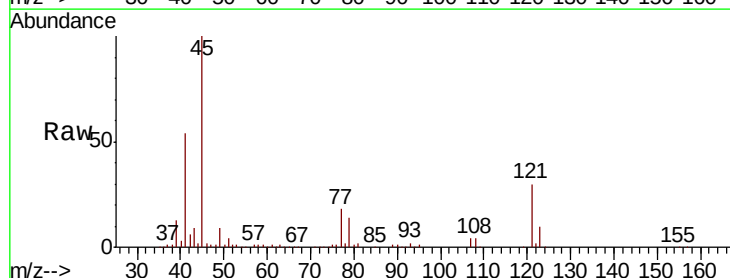
Tgt Ion: 45 Resp: 369816

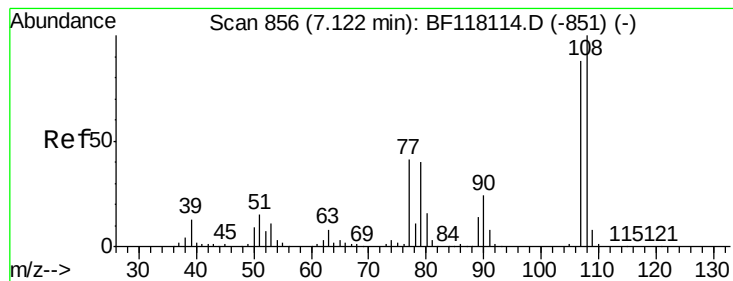
Ion Ratio Lower Upper

45 100

77 18.4 0.0 38.0

79 14.3 0.0 33.2





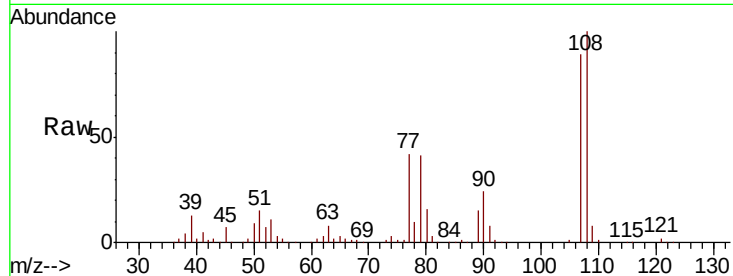
#17
2-Methylphenol
Concen: 48.385 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampled :
WCMSD

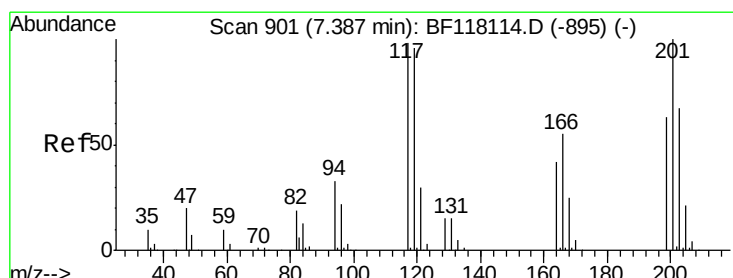
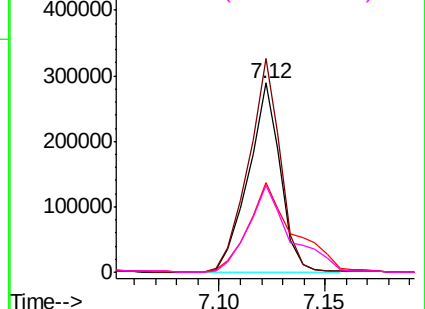
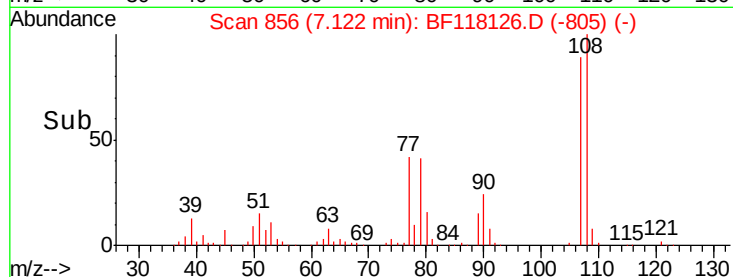
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.9	91.1	136.7
77	47.6	37.8	56.6
79	46.3	37.0	55.6

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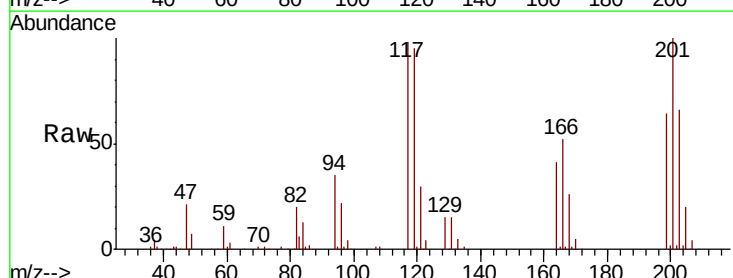


Abundance Ion 107.00 (106.70 to 107.70): E
500000
Ion 108.00 (107.70 to 108.70): E
400000
Ion 77.00 (76.70 to 77.70): BF1
300000
Ion 79.00 (78.70 to 79.70): BF1
200000
100000
0

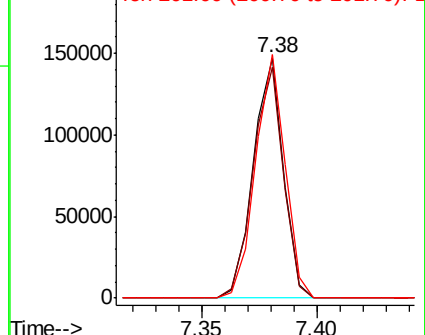
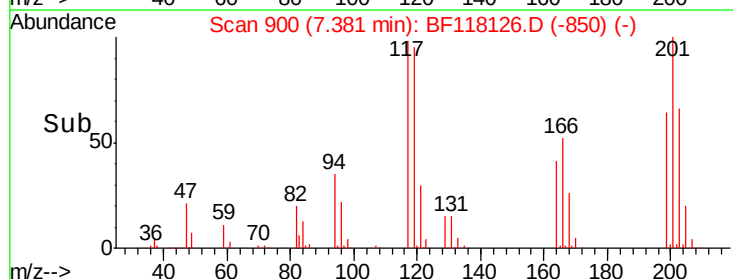


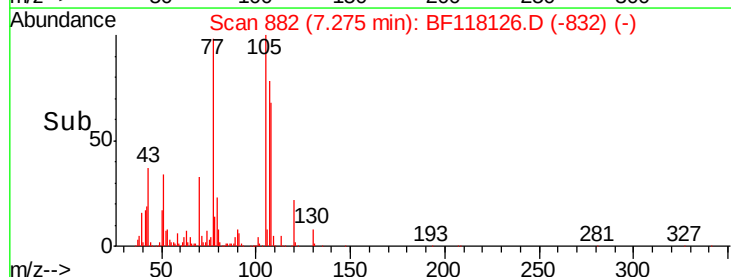
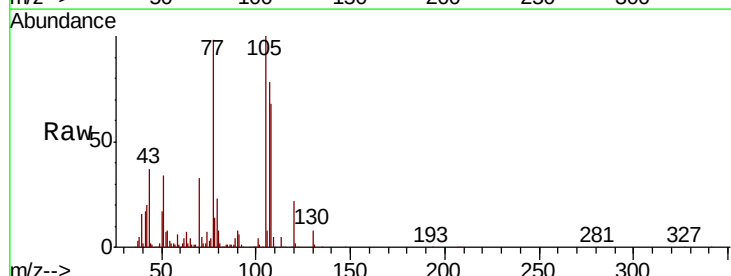
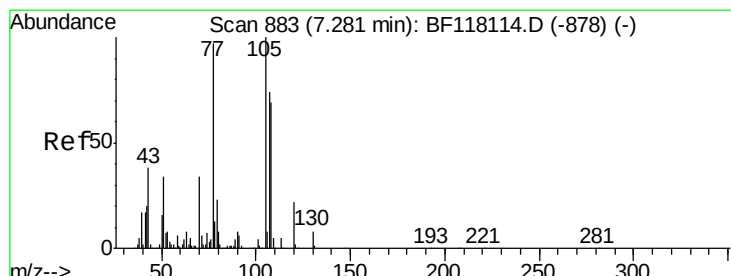
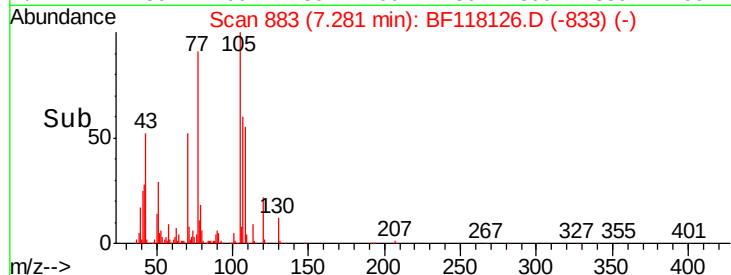
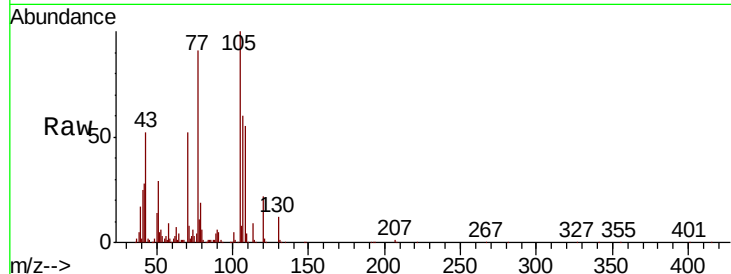
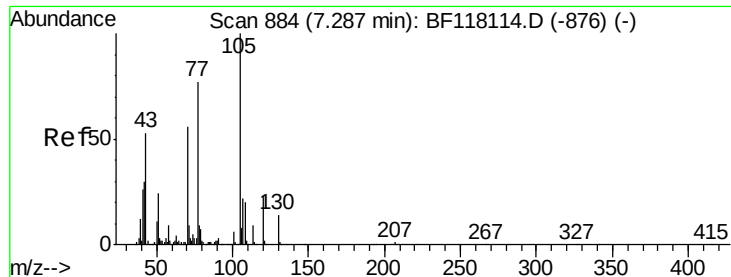
#18
Hexachloroethane
Concen: 39.033 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	78.2	117.4
201	101.5	81.6	122.4



Abundance Ion 117.00 (116.70 to 117.70): E
200000
Ion 119.00 (118.70 to 119.70): E
150000
Ion 201.00 (200.70 to 201.70): E
100000
50000
0





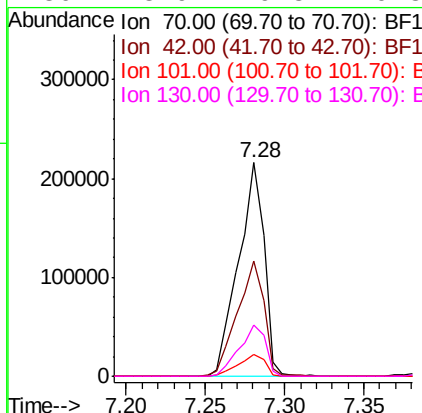
#19
n-Nitroso-di-n-propylamine
Concen: 46.976 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.9	43.2	64.8
101	10.5	8.1	12.1
130	23.9	19.8	29.8

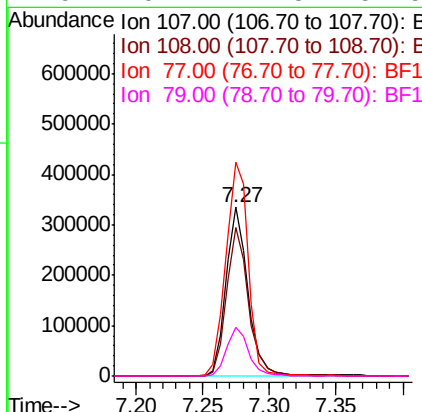
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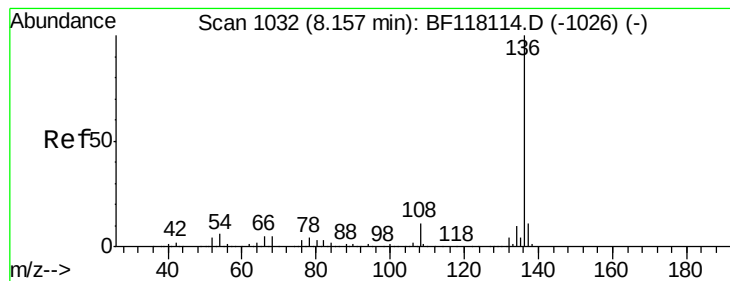
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#20
3+4-Methylphenols
Concen: 49.067 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	73.2	113.2
77	126.5	110.9	150.9
79	29.1	11.5	51.5





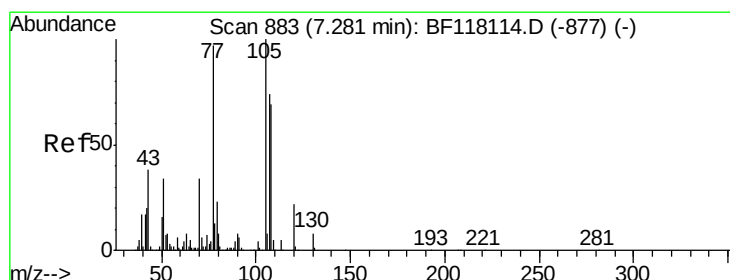
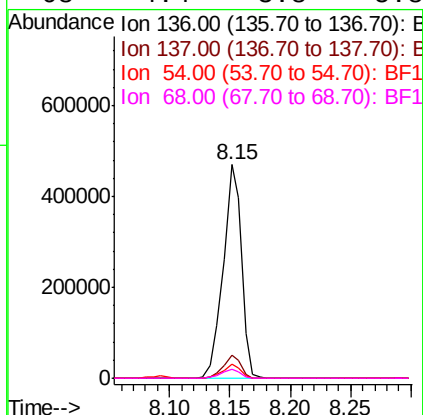
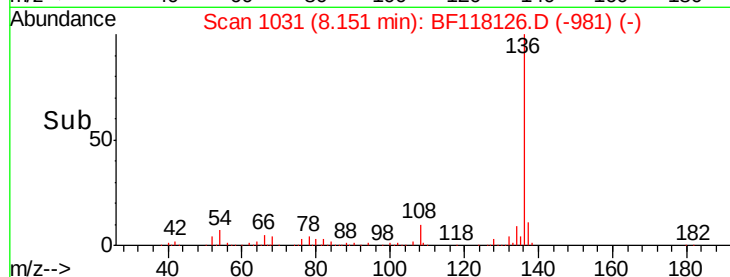
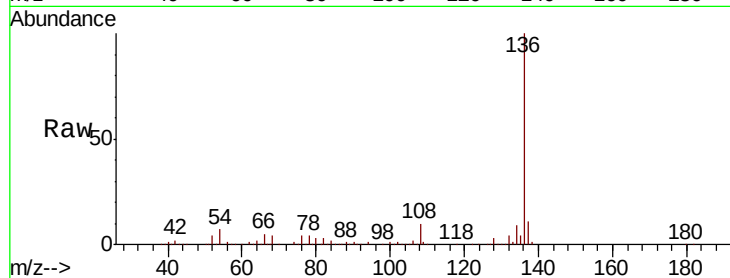
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		489549		
137	10.6		9.0	13.6	
54	6.7		5.0	7.6	
68	4.4		3.8	5.8	

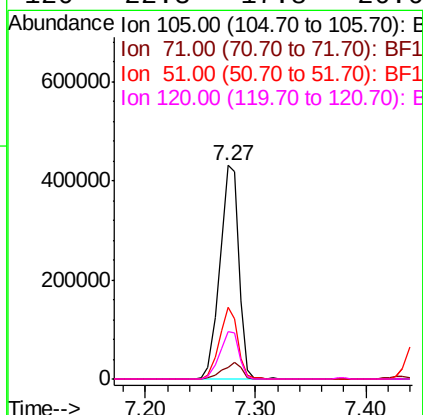
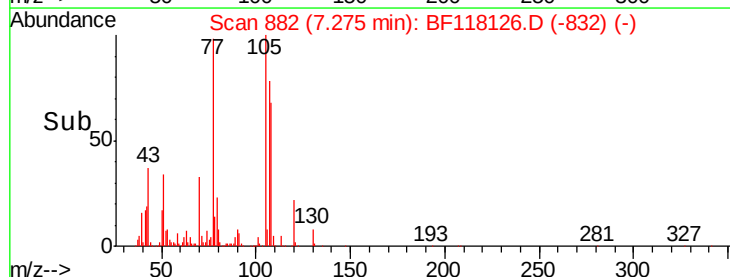
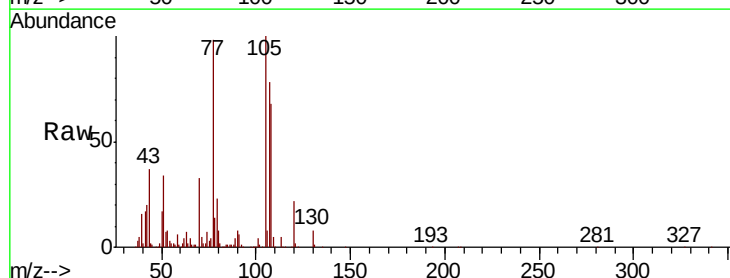
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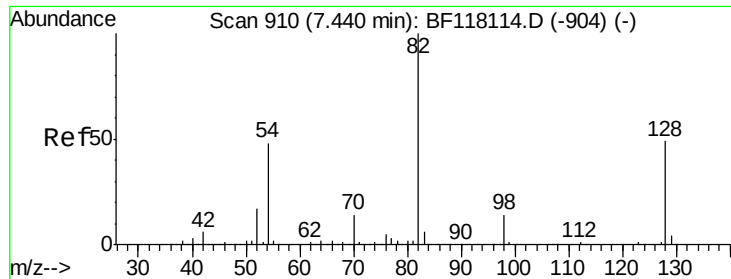
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#22
Acetophenone
Concen: 43.932 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		516699		
71	5.4		4.7	7.1	
51	33.6		27.1	40.7	
120	22.3		17.8	26.6	





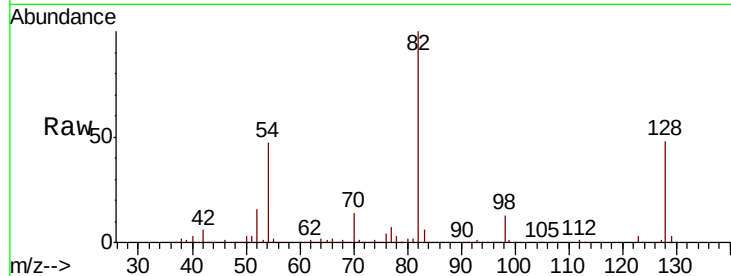
#23
 Nitrobenzene-d5
 Concen: 86.549 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

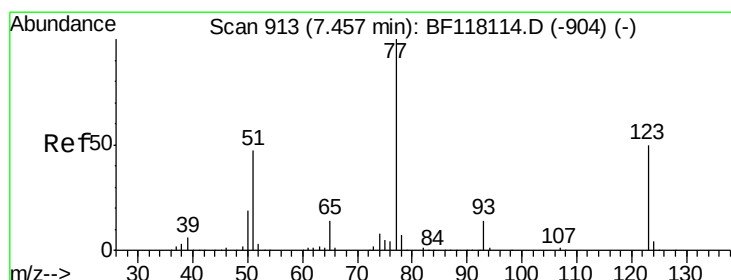
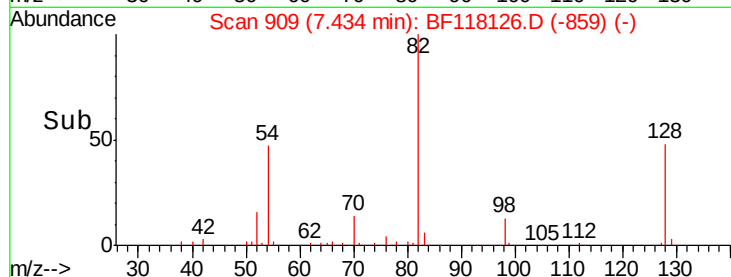
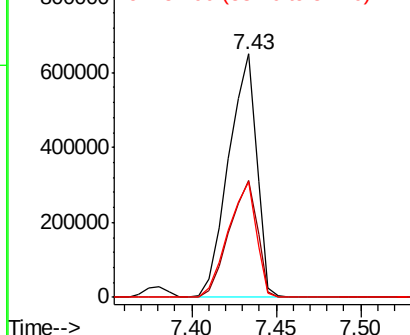
Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	39.1	58.7
54	47.3	38.2	57.2

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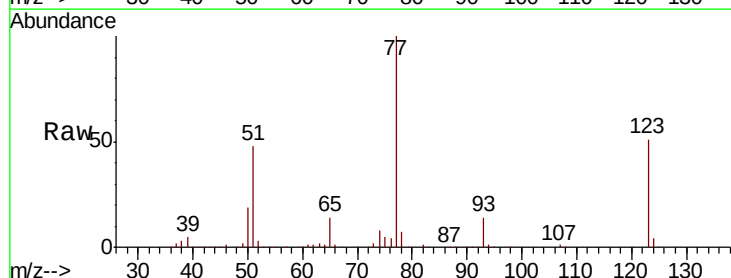


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

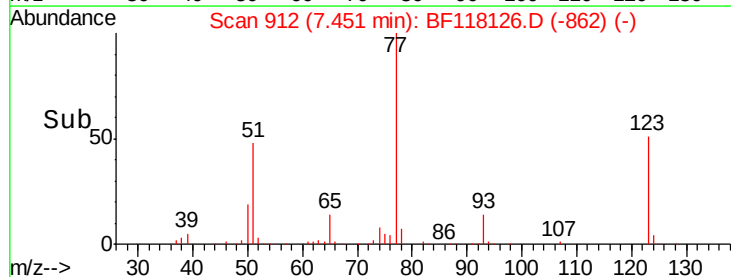
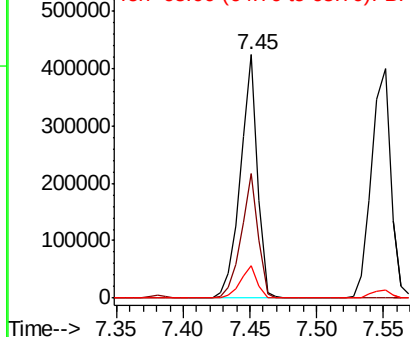


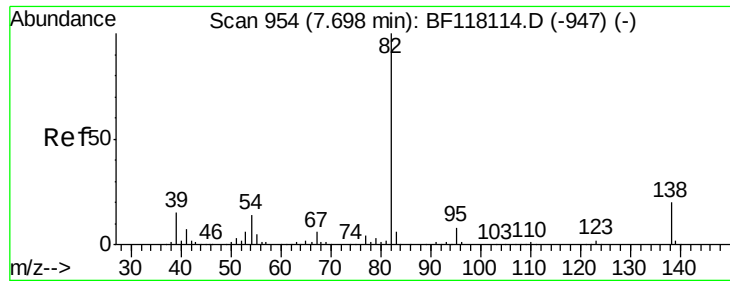
#24
 Nitrobenzene
 Concen: 44.099 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	40.1	60.1
65	13.6	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 45.492 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

WCMSD

Tot Ion: 82 Resp: 671072

Ion Ratio Lower Upper

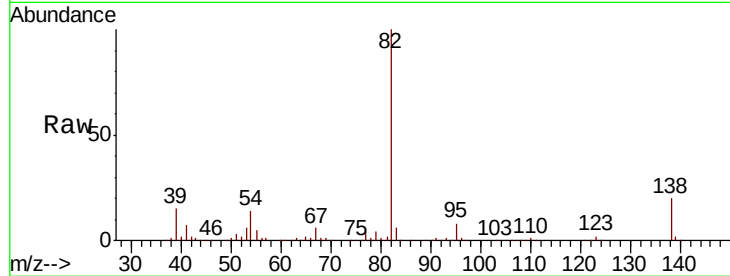
82 100

95 8.1 6.3 9.5

138 20.2 16.3 24.5

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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

7.69

7.69

7.69

7.69

7.69

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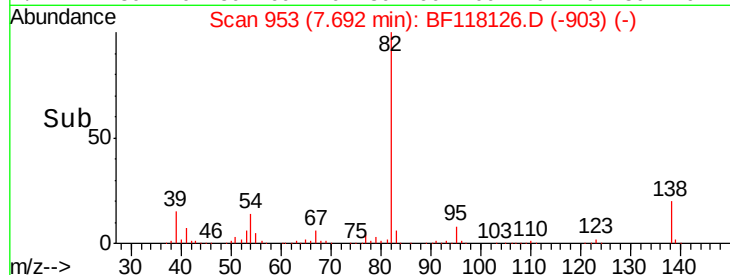
7.69

7.69

7.69

7.69

7.69



#26

2-Nitrophenol

Concen: 46.537 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

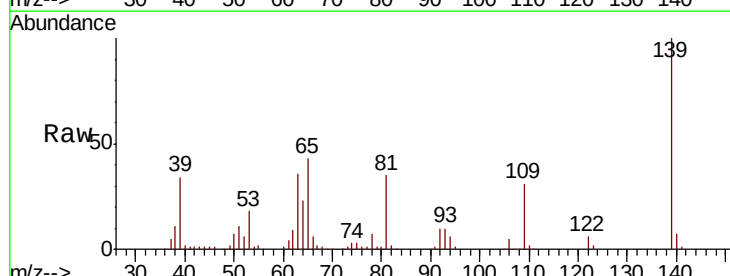
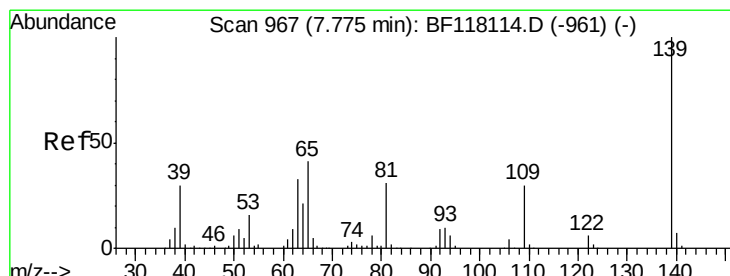
Tgt Ion: 139 Resp: 212657

Ion Ratio Lower Upper

139 100

109 31.3 23.9 35.9

65 43.2 33.0 49.6



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

7.77

7.77

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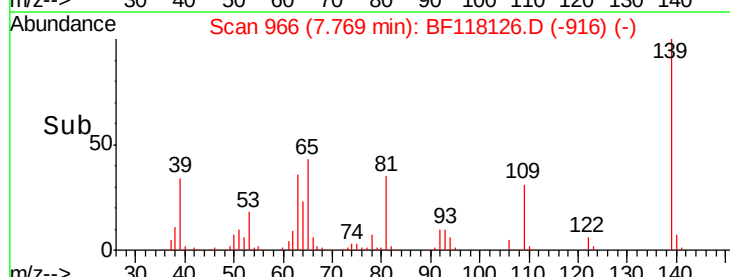
7.77

7.77

7.77

7.77

7.77



#26

2-Nitrophenol

Concen: 46.537 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

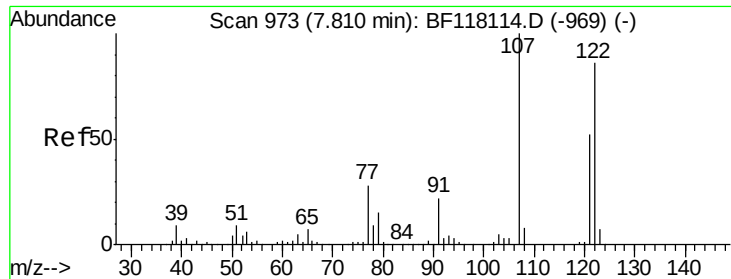
Tgt Ion: 139 Resp: 212657

Ion Ratio Lower Upper

139 100

109 31.3 23.9 35.9

65 43.2 33.0 49.6



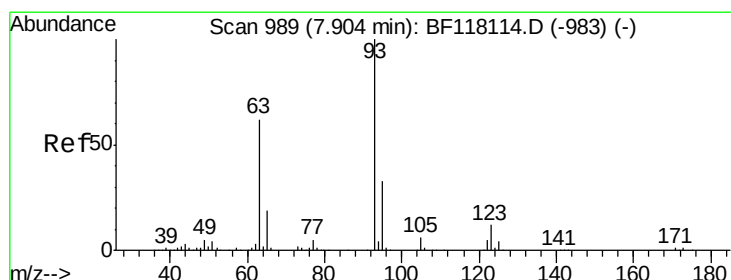
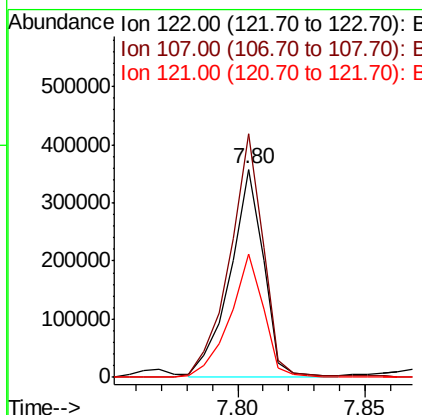
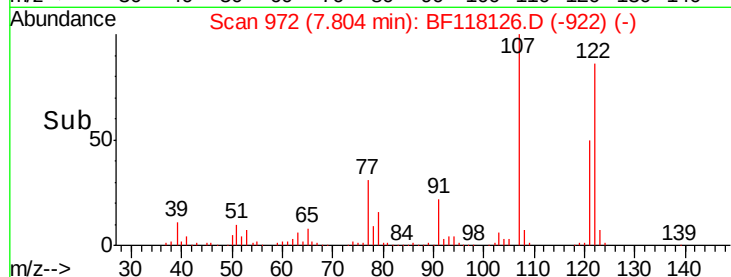
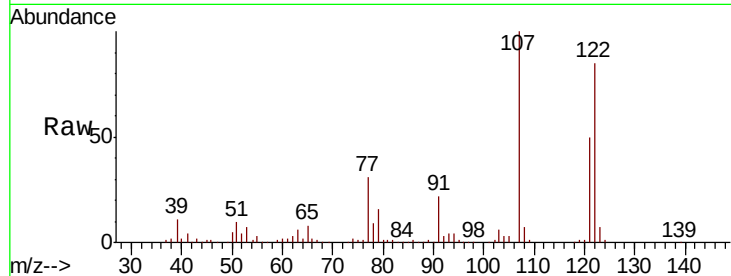
#27
2,4-Dimethylphenol
Concen: 53.841 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	328182		
107	117.0	92.9	139.3	
121	59.0	48.3	72.5	

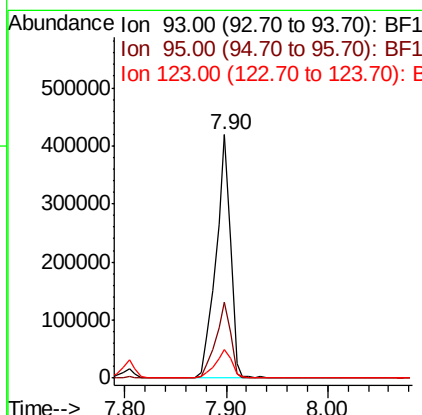
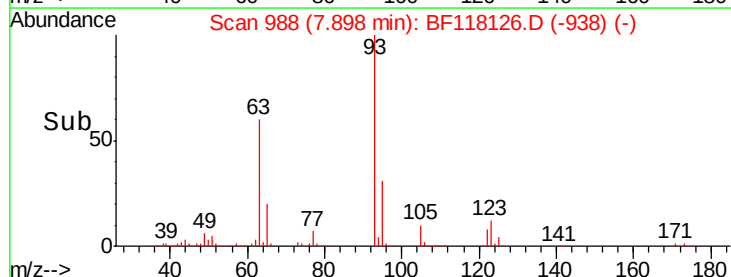
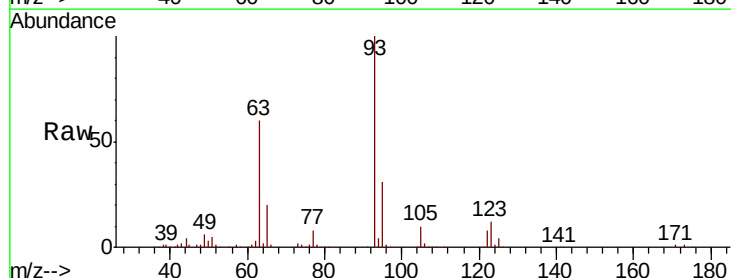
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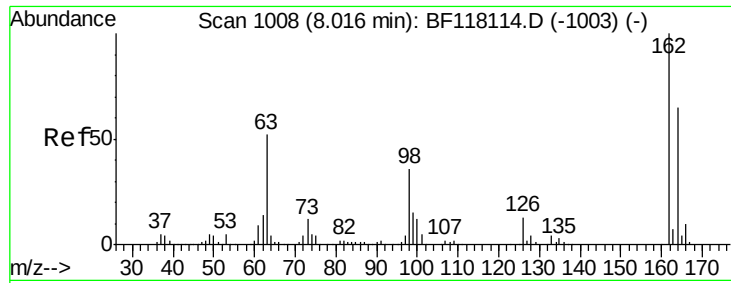
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.523 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	419523		
95	31.2	26.7	40.1	
123	11.8	10.0	15.0	





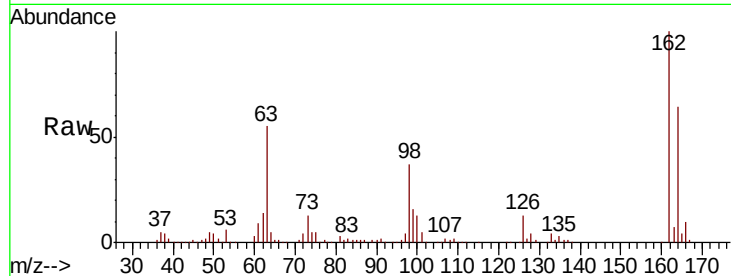
#29
 2,4-Dichlorophenol
 Concen: 46.114 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampled :
 WCMSD

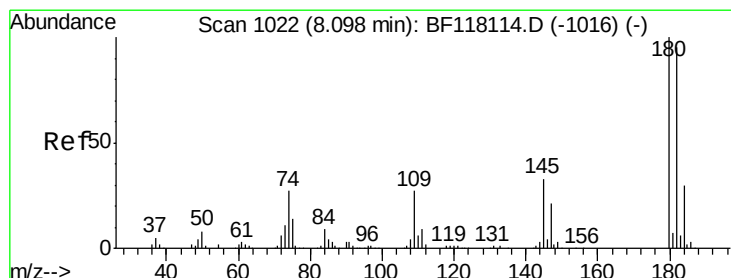
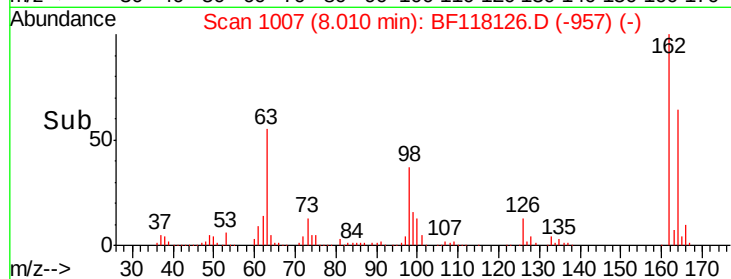
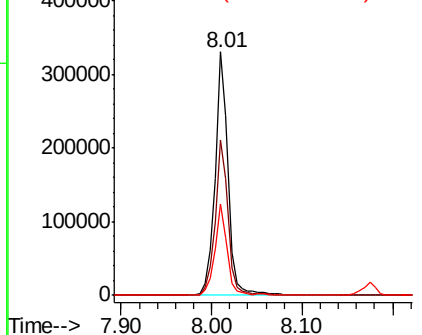
Tot Ion:	162	Resp:	327678
Ion Ratio	Lower	Upper	
162	100		
164	63.7	45.2	85.2
98	37.4	15.9	55.9

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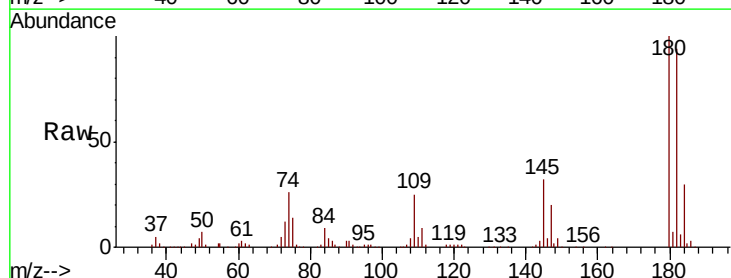


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

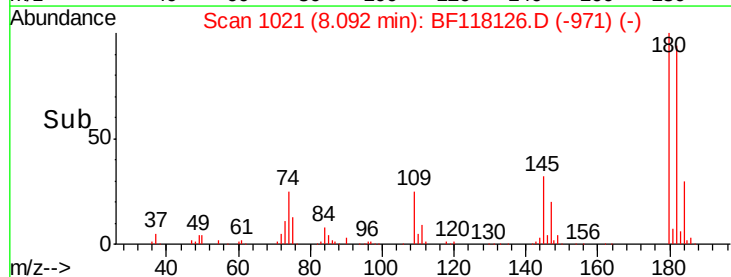
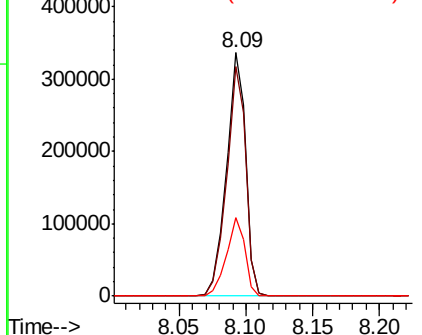


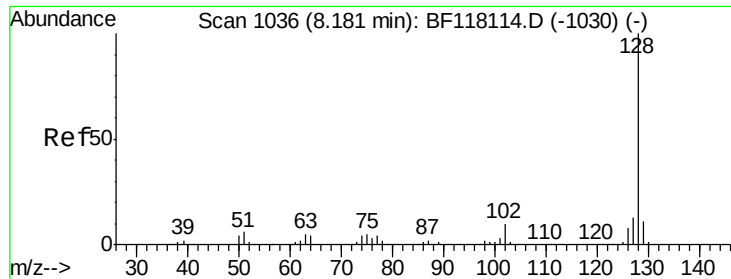
#30
 1,2,4-Trichlorobenzene
 Concen: 41.291 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion:	180	Resp:	342892
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.1	114.1
145	32.3	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





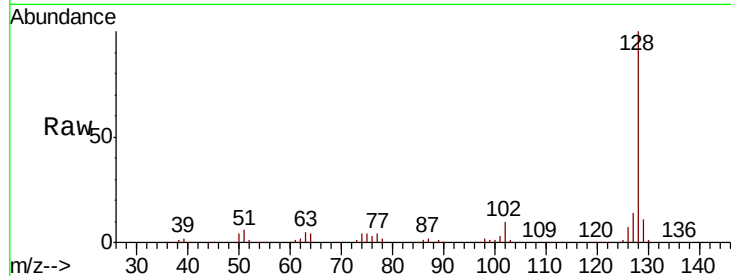
#31
Naphthalene
Concen: 44.060 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

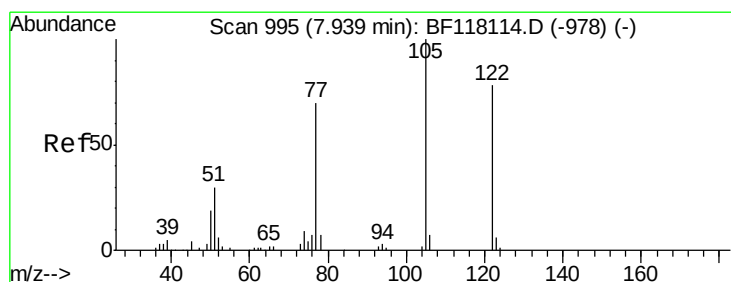
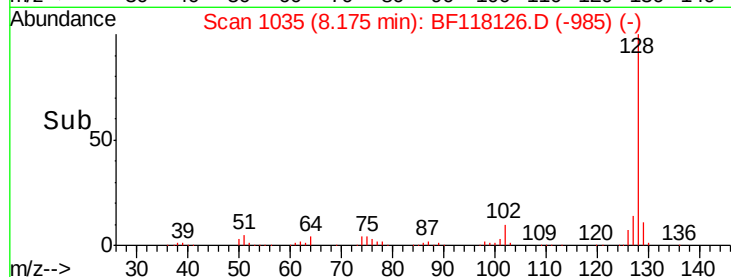
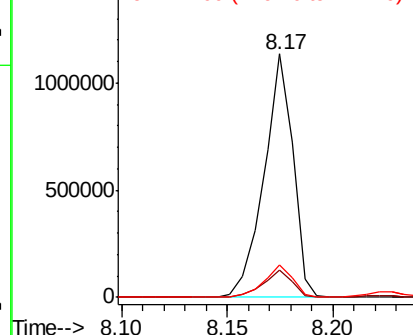
Tot Ion:128 Resp: 1083276
Ion Ratio Lower Upper
128 100
129 11.0 9.1 13.7
127 13.5 10.6 16.0

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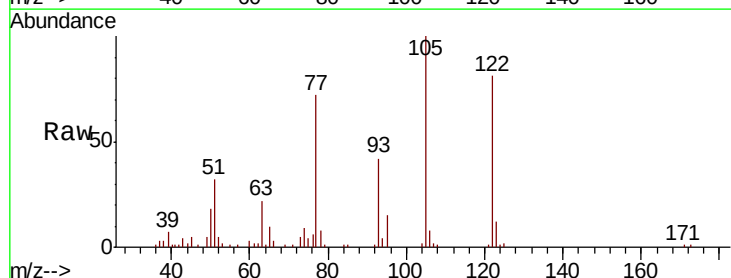


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

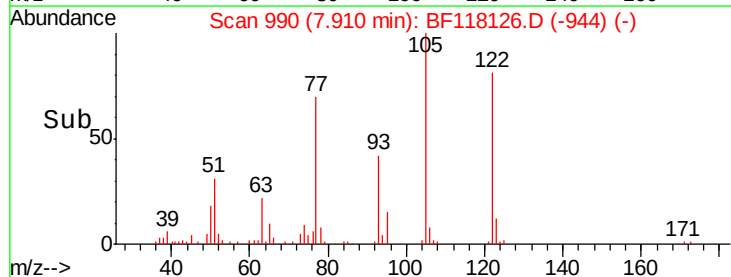
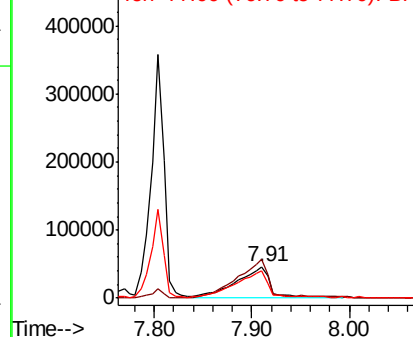


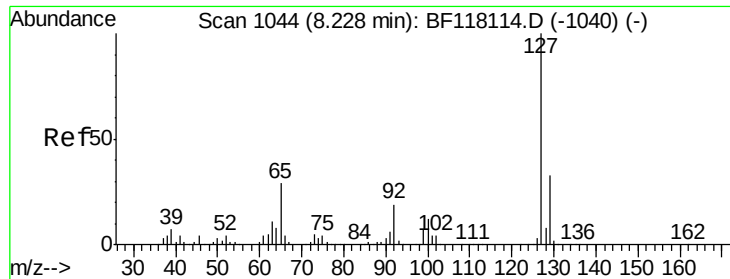
#32
Benzoic acid
Concen: 19.594 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.03 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion:122 Resp: 107837
Ion Ratio Lower Upper
122 100
105 124.2 104.7 144.7
77 89.3 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





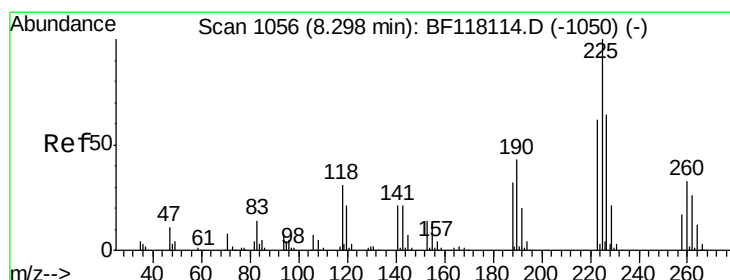
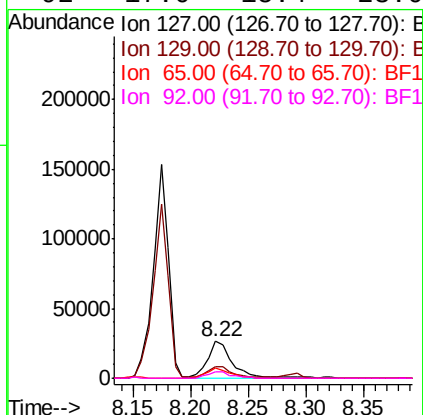
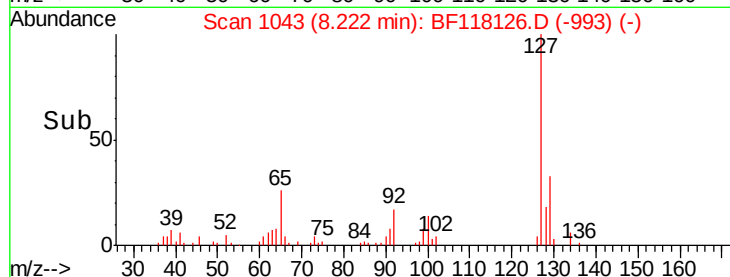
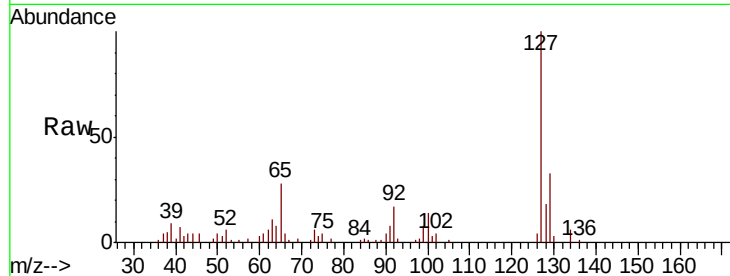
#33
4-Chloroaniline
Concen: 3.671 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		38971		
129	32.7	26.6	40.0		
65	27.6	23.2	34.8		
92	17.0	15.4	23.0		

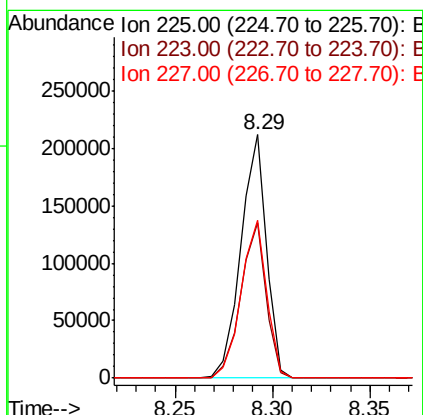
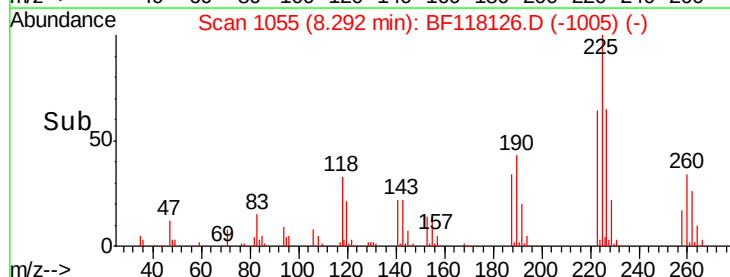
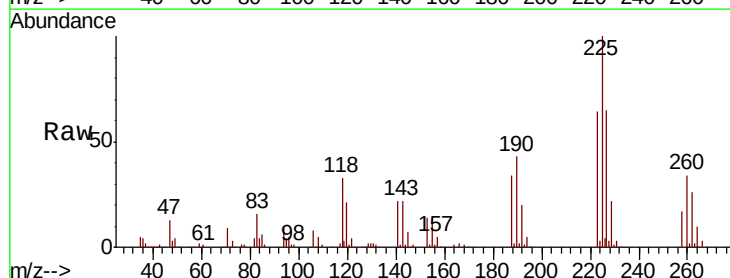
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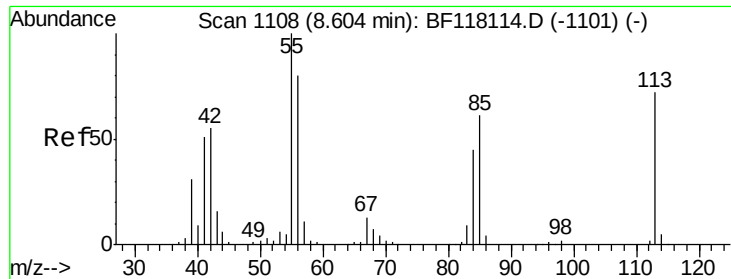
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#34
Hexachlorobutadiene
Concen: 38.629 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		192360		
223	63.6	49.6	74.4		
227	64.7	51.0	76.6		





#35

Caprolactam

Concen: 44.628 ng/ml

RT: 8.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampled :

WCMSD

Tot Ion:113 Resp: 97796

Ion Ratio Lower Upper

113 100

55 137.8 118.9 158.9

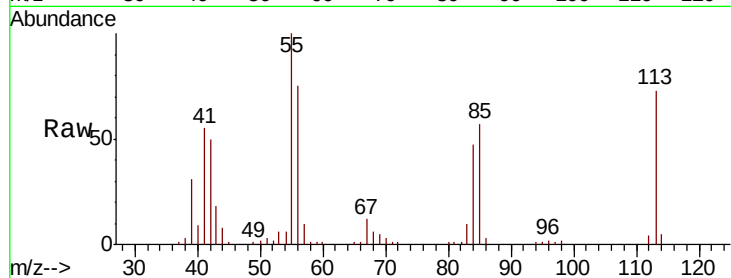
56 103.0 91.4 131.4

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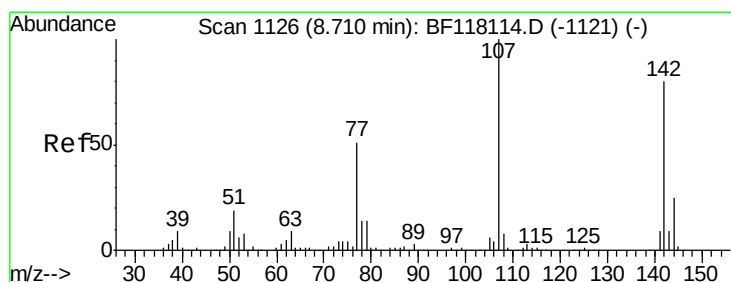
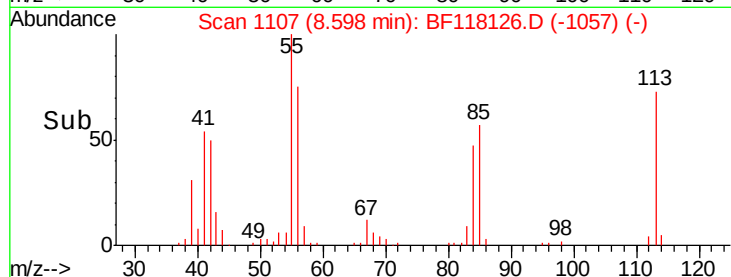
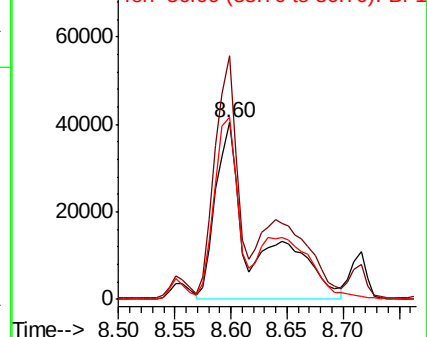
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.864 ng/ml

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

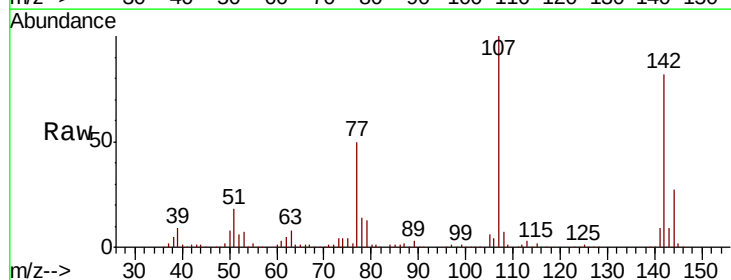
Tgt Ion:107 Resp: 350444

Ion Ratio Lower Upper

107 100

144 27.3 20.3 30.5

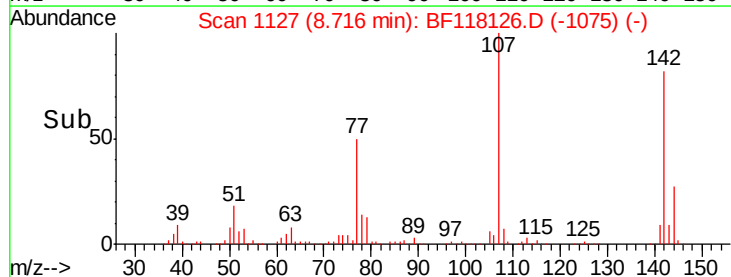
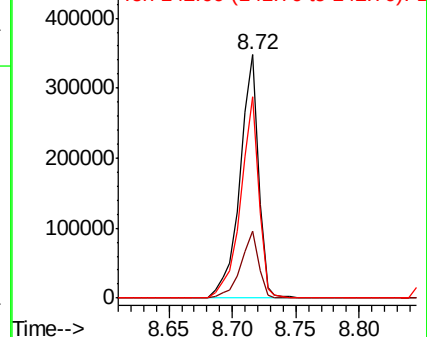
142 82.5 63.7 95.5

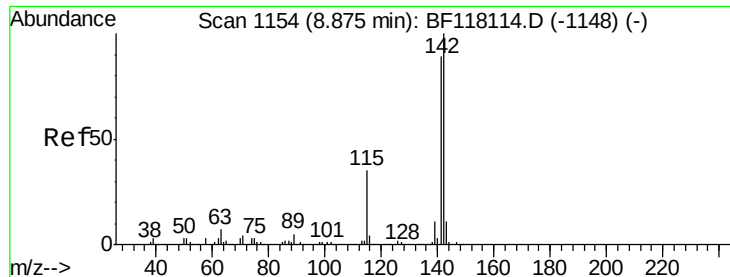


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





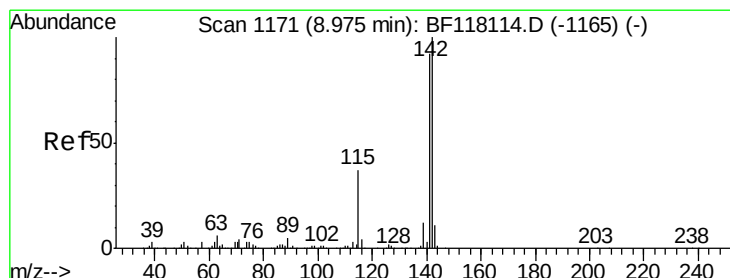
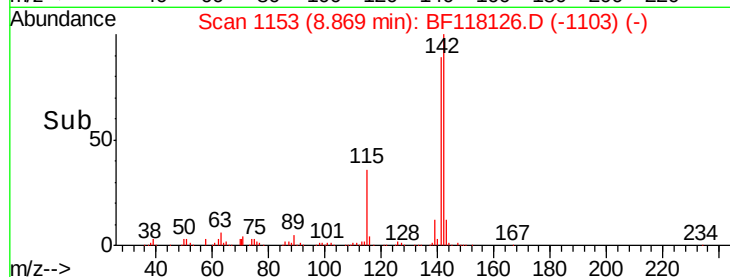
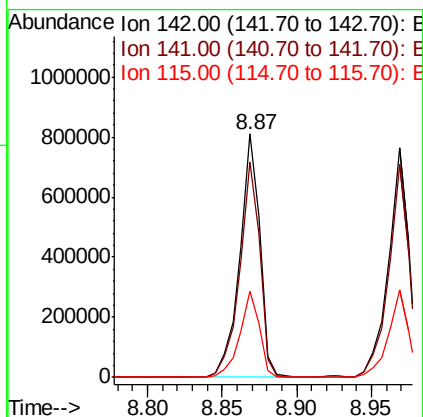
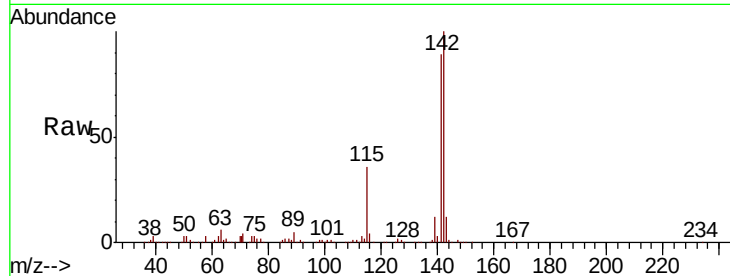
#37
2-Methylnaphthalene
Concen: 45.735 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.0
115	35.5	28.2	42.4

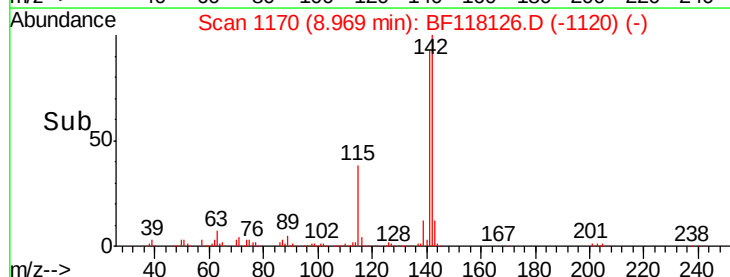
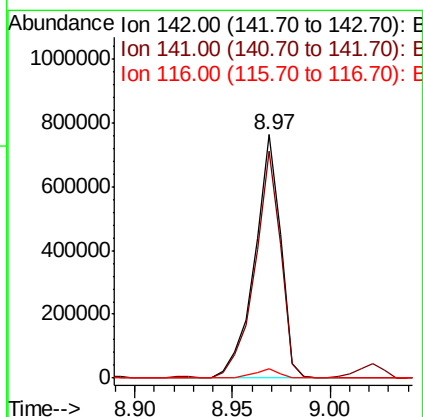
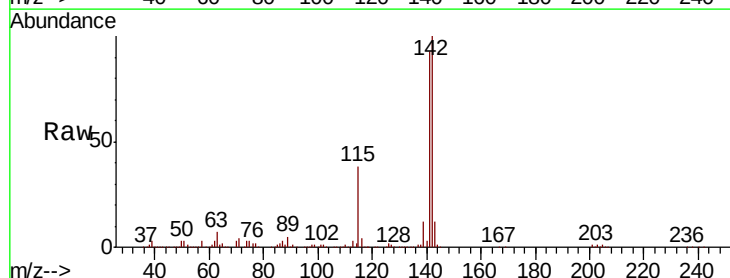
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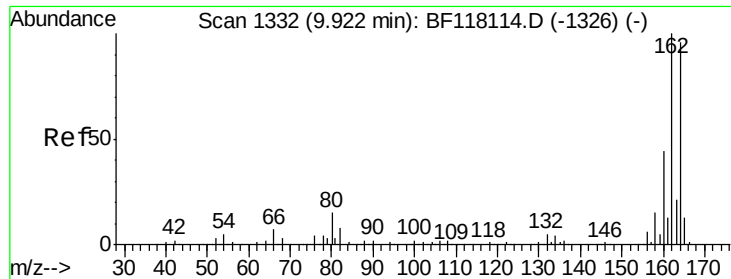
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#38
1-Methylnaphthalene
Concen: 44.892 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.0	111.0
116	4.1	3.2	4.8





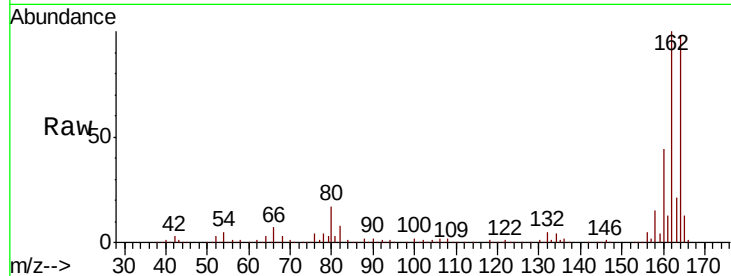
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.4	125.0
160	45.1	36.6	54.8

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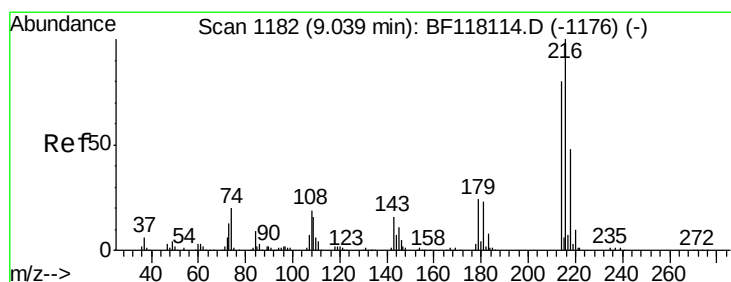
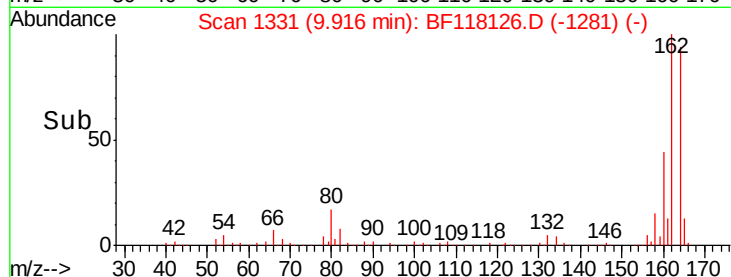
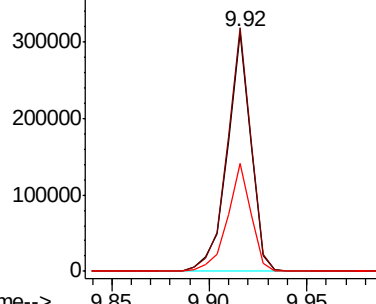


Abundance

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: 42.731 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.2
179	23.2	18.6	27.8
108	20.5	15.4	23.0

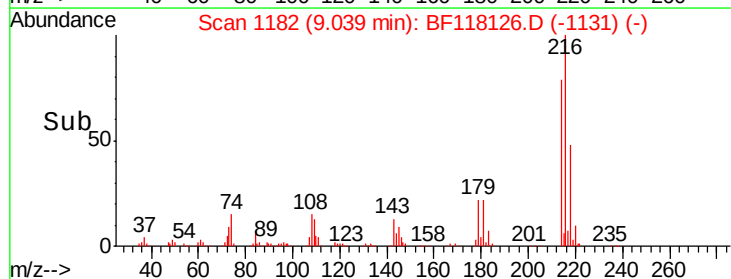
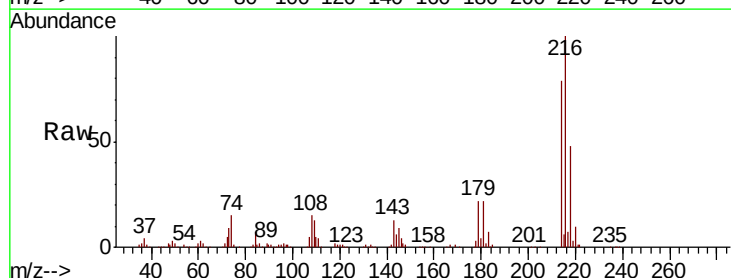
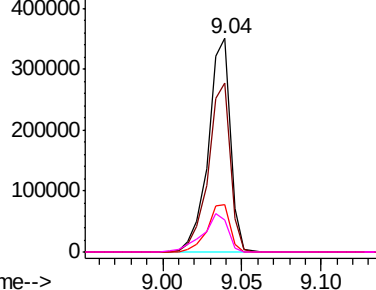
Abundance

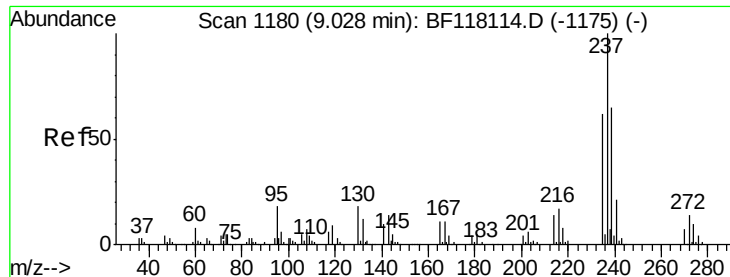
Ion 216.00 (215.70 to 216.70): E

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: 91.614 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

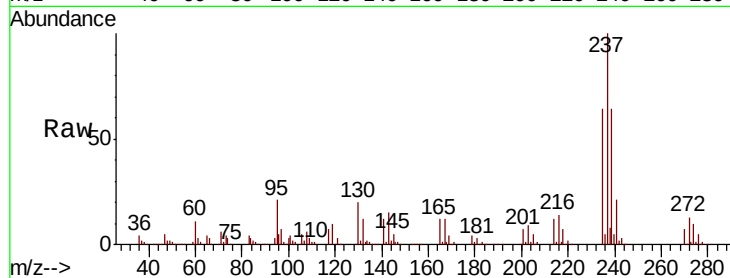
ClientSampleId :

WCMSD

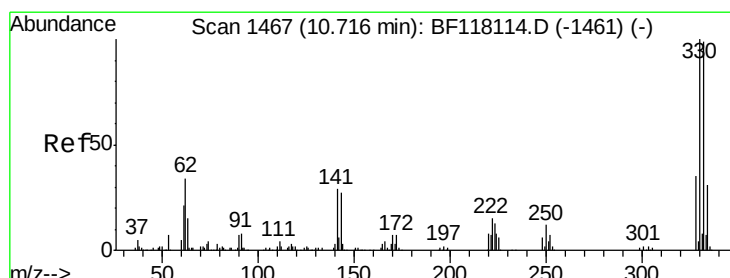
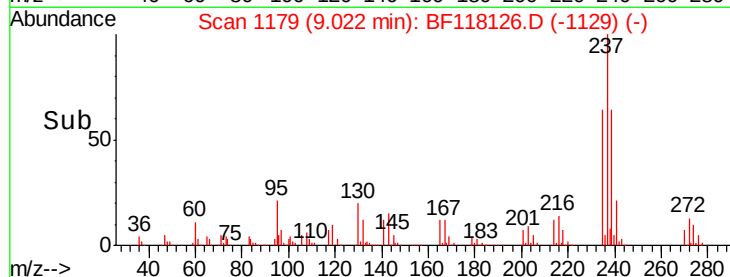
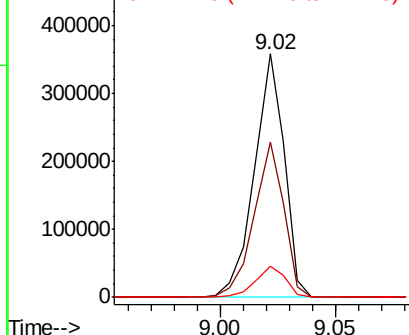
Tot Ion:	237	Resp:	325079
Ion Ratio	Lower	Upper	
237	100		
235	63.9	41.5	81.5
272	12.6	0.0	33.7

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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: 141.198 ng

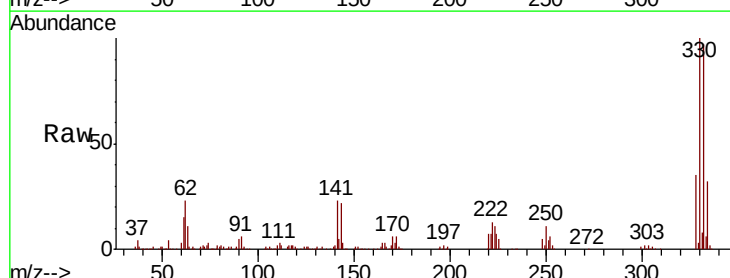
RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

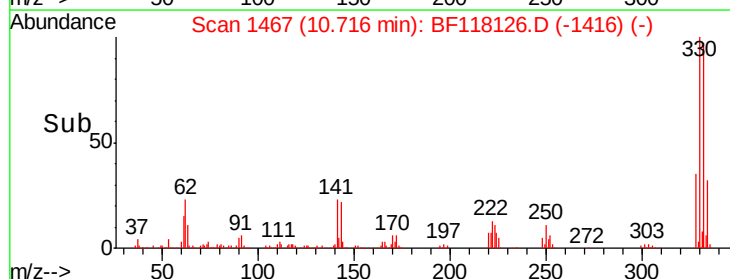
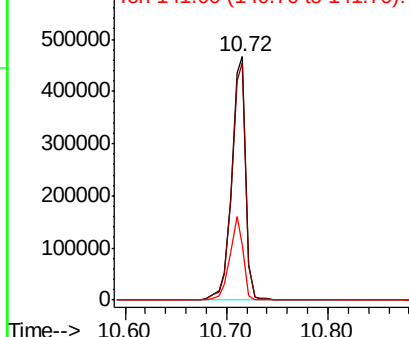
Lab File: BF118126.D

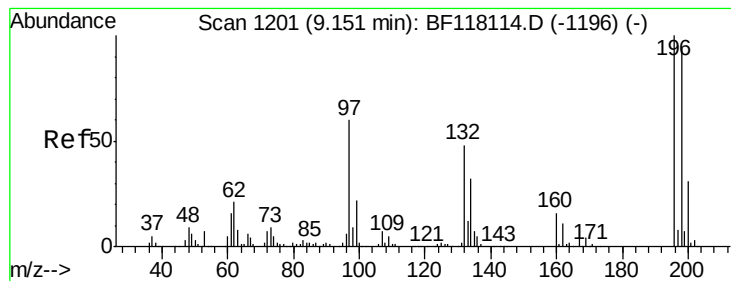
Acq: 7 Dec 2019 13:54

Tgt Ion:	330	Resp:	448428
Ion Ratio	Lower	Upper	
330	100		
332	97.3	78.1	117.1
141	32.9	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: 45.431 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

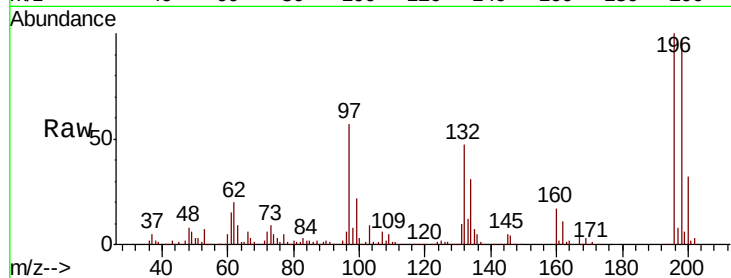
ClientSampleId :

WCMSD

Tot Ion:	196	Resp:	240228
Ion Ratio	Lower	Upper	
196	100		
198	97.1	75.0	112.4
200	31.9	24.5	36.7

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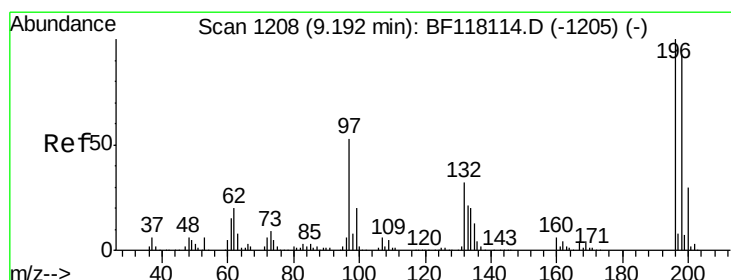
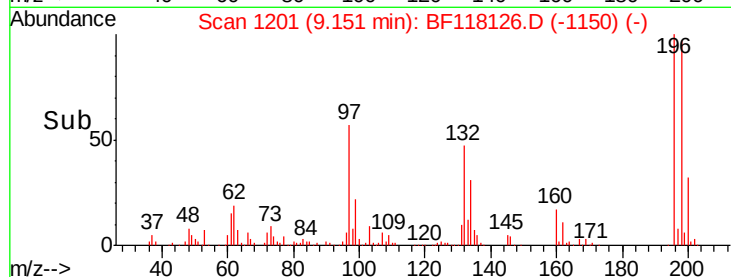
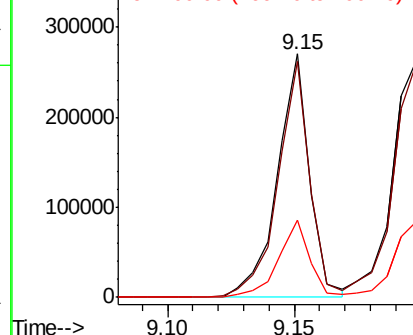


Abundance

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: 46.182 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Tgt Ion:	196	Resp:	253001
Ion Ratio	Lower	Upper	
196	100		
198	99.2	74.2	111.4
97	45.7	42.5	63.7
132	28.4	25.4	38.2

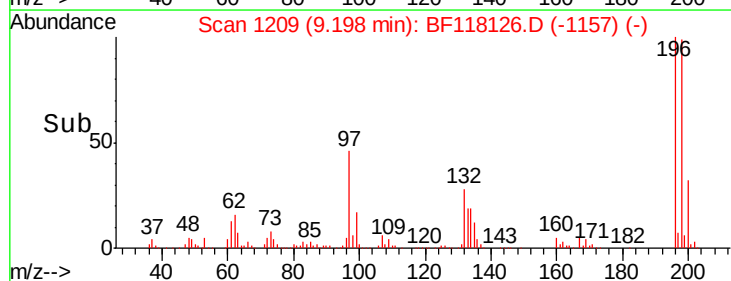
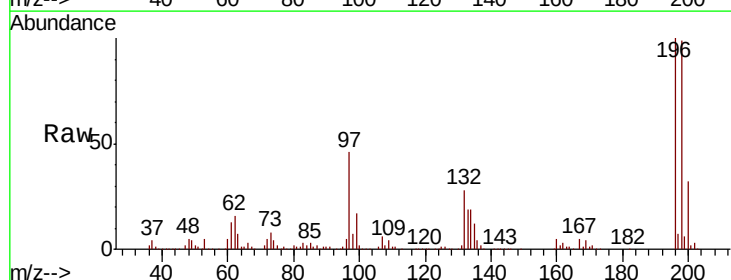
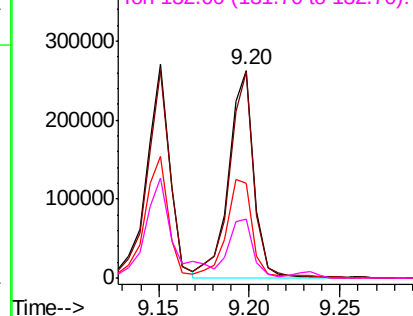
Abundance

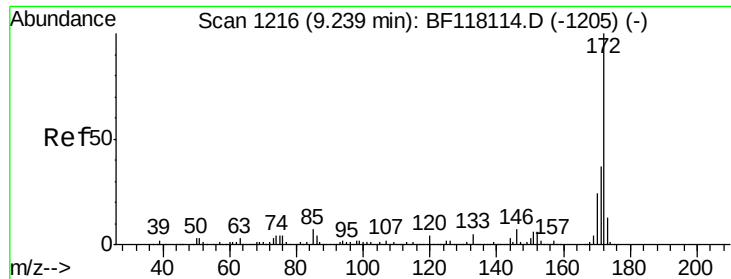
Ion 196.00 (195.70 to 196.70): E

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





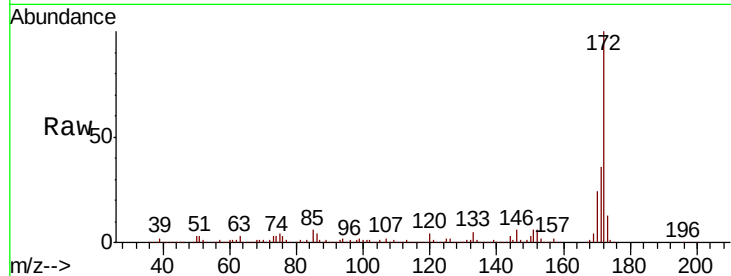
#45
2-Fluorobiphenyl
Concen: 87.595 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.0	29.2	43.8	
170	24.2	19.4	29.2	

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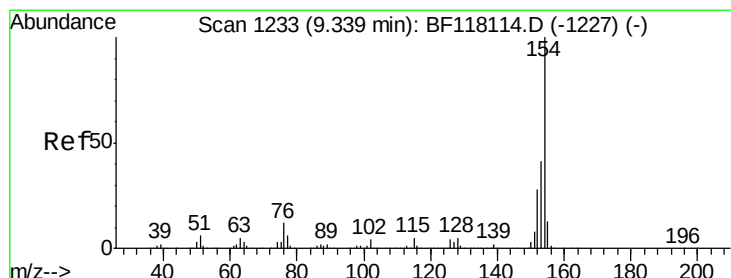
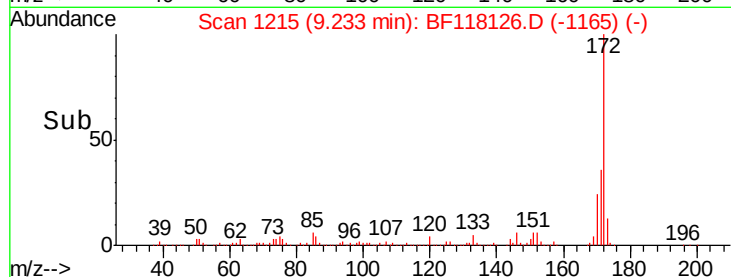
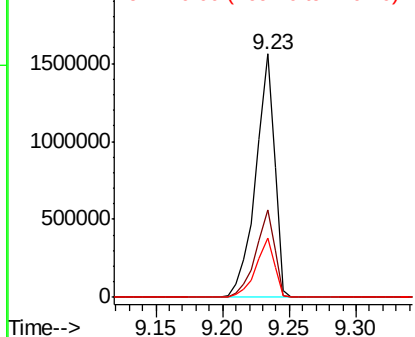


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 45.124 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

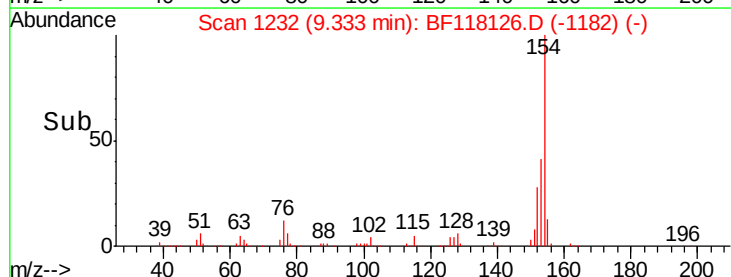
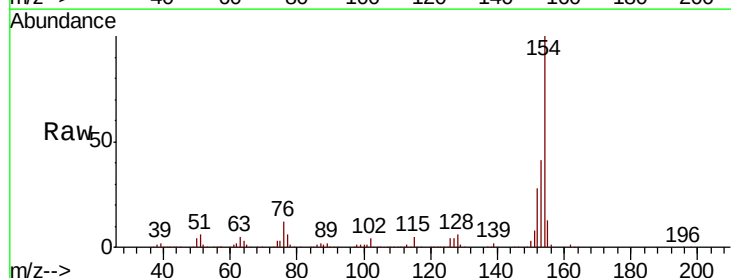
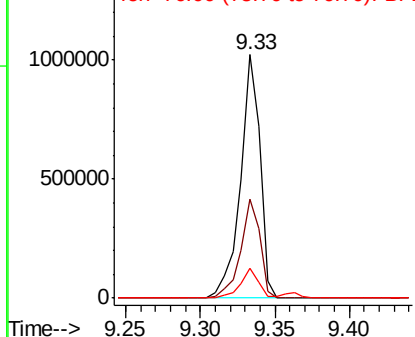
Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.5	20.7	60.7	
76	12.0	0.0	31.9	

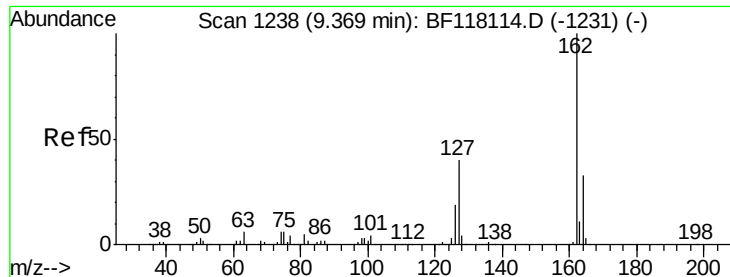
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 43.222 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

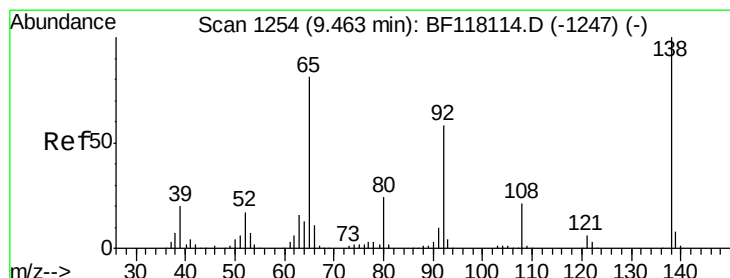
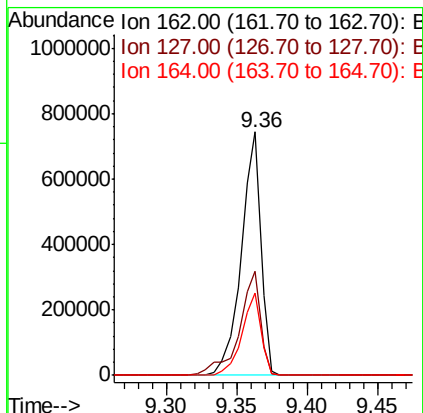
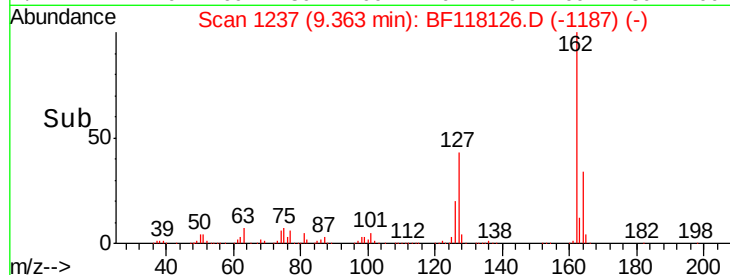
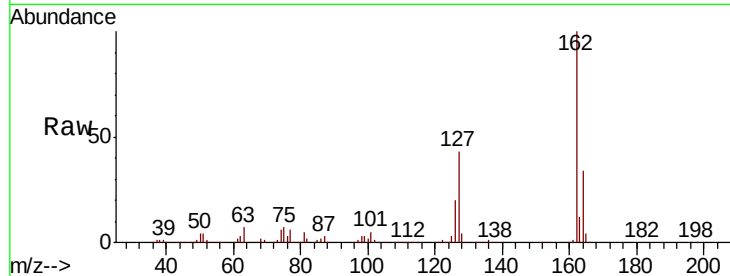
ClientSampled :

WCMSD

Tot Ion:	162	Resp:	716864
Ion Ratio	Lower	Upper	
162	100		
127	42.7	32.0	48.0
164	33.8	26.1	39.1

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#48

2-Nitroaniline

Concen: 43.585 ng

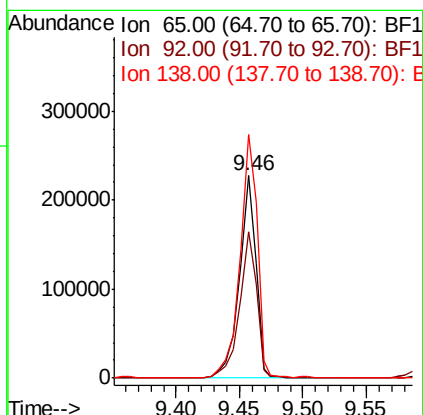
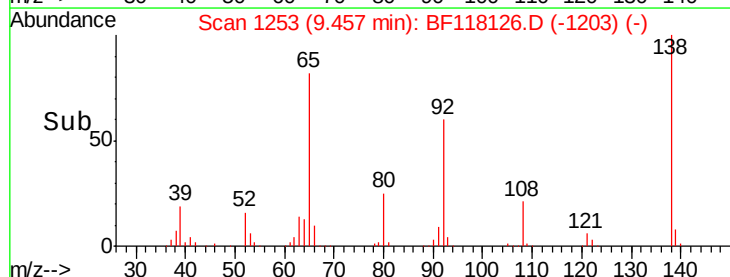
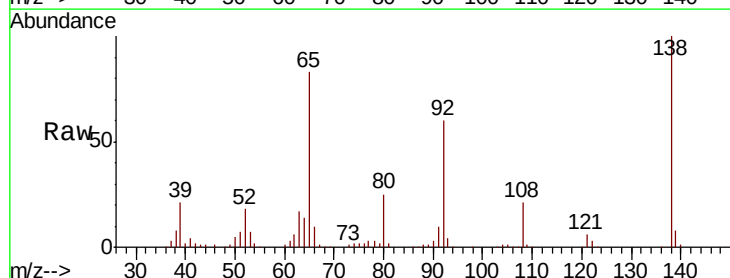
RT: 9.46 min Scan# 1253

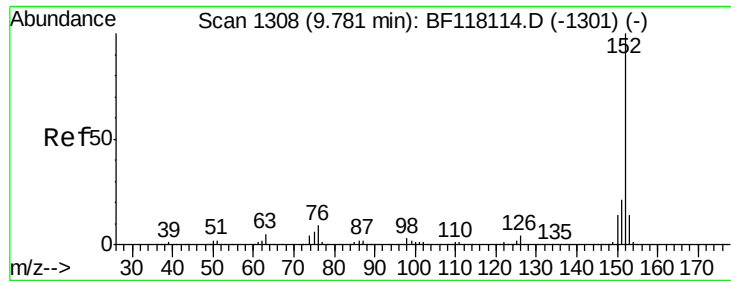
Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Tgt Ion:	65	Resp:	206151
Ion Ratio	Lower	Upper	
65	100		
92	72.5	57.8	86.6
138	120.3	98.8	148.2





#49

Acenaphthylene

Concen: 46.399 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

WCMSD

Tot Ion:152 Resp: 1135047

Ion Ratio Lower Upper

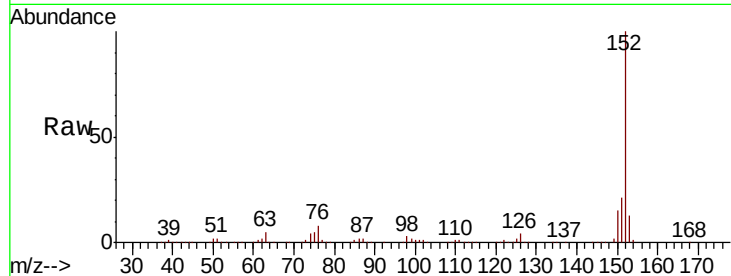
152 100

151 20.7 16.4 24.6

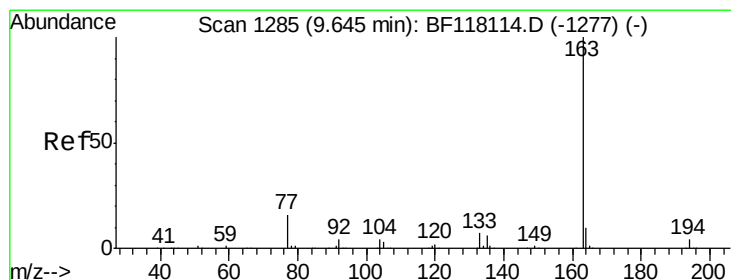
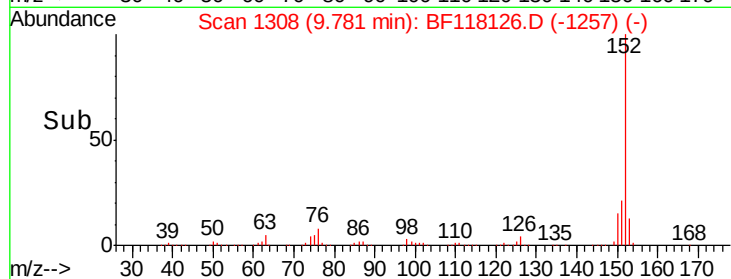
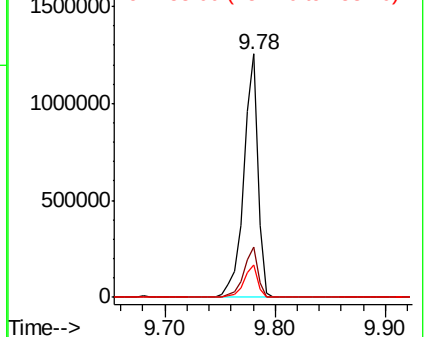
153 13.2 10.8 16.2

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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: 44.609 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

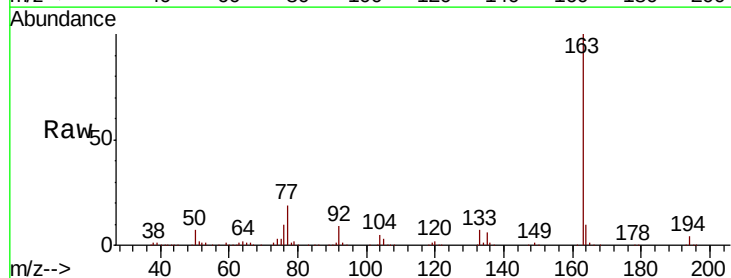
Tgt Ion:163 Resp: 861402

Ion Ratio Lower Upper

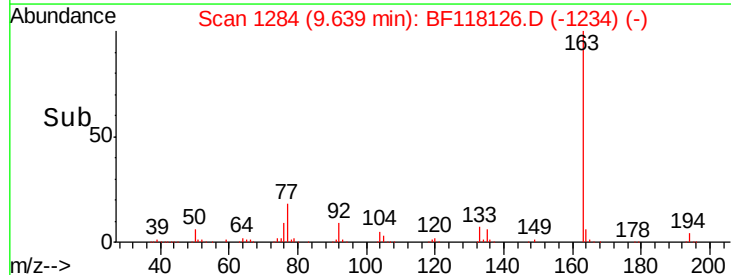
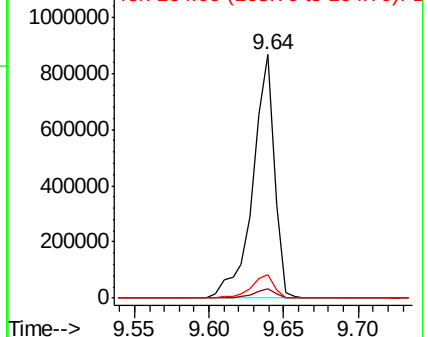
163 100

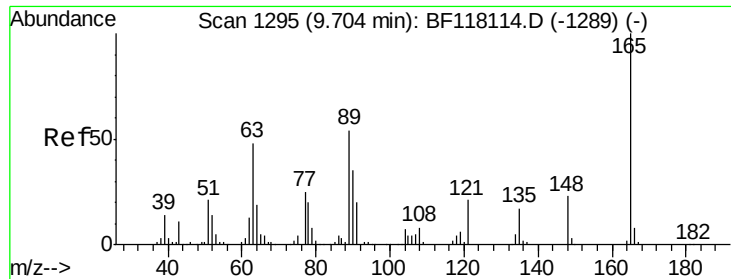
194 3.9 3.1 4.7

164 9.9 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: 46.427 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

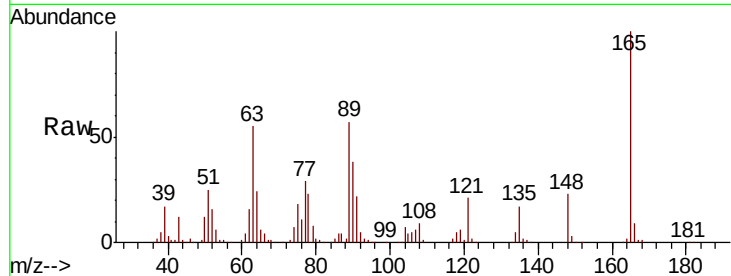
ClientSampled :

WCMSD

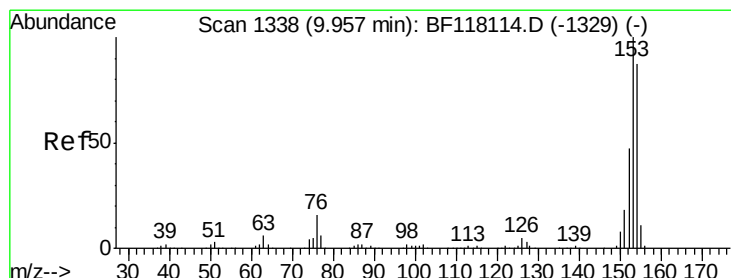
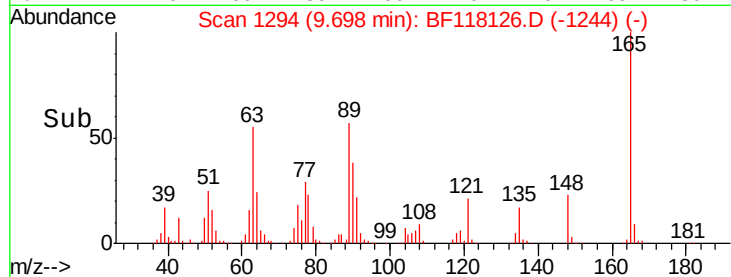
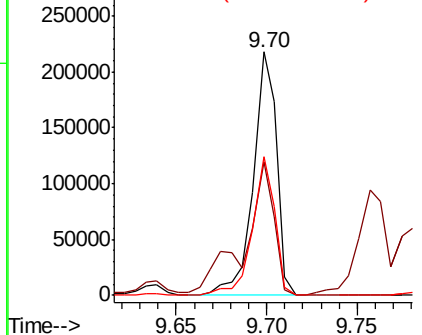
Tot Ion:	165	Resp:	194941
Ion Ratio	Lower	Upper	
165	100		
63	54.8	41.4	62.0
89	57.2	42.9	64.3

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



#52

Acenaphthene

Concen: 44.584 ng

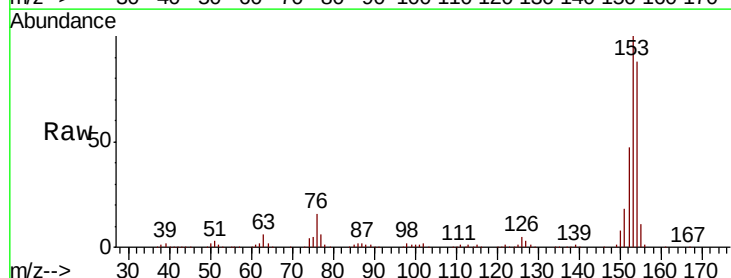
RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

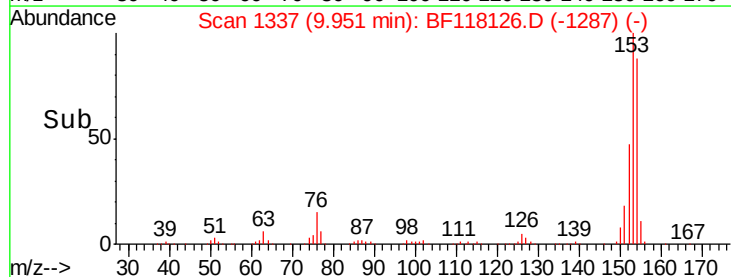
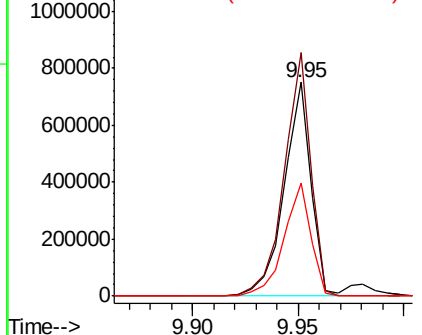
Lab File: BF118126.D

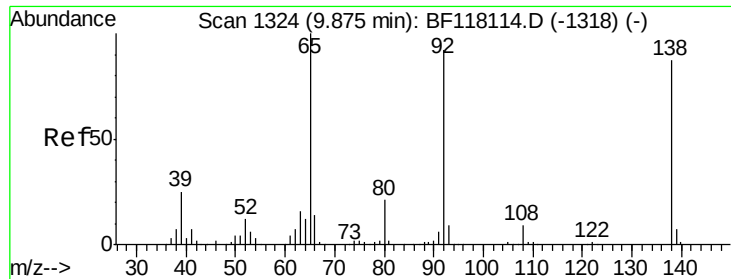
Acq: 7 Dec 2019 13:54

Tgt Ion:	154	Resp:	665695
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.8	137.6
152	53.1	43.3	64.9



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





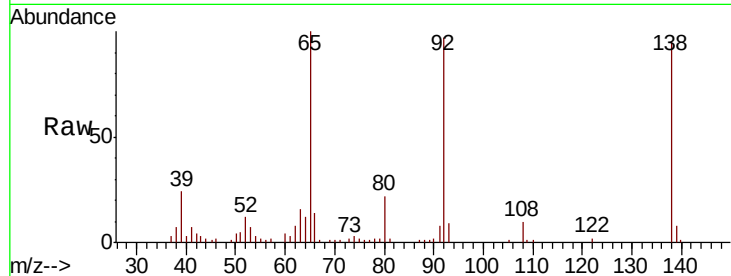
#53
3-Nitroaniline
Concen: 11.181 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	8.2	12.4
92	102.5	84.9	127.3

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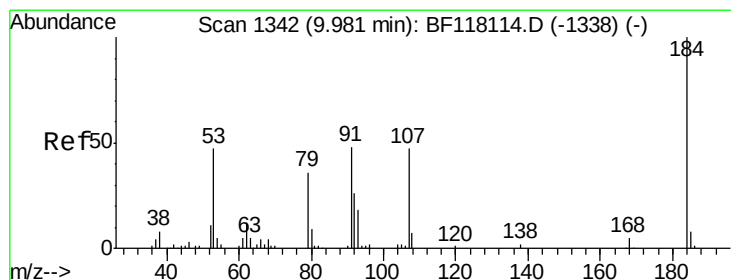
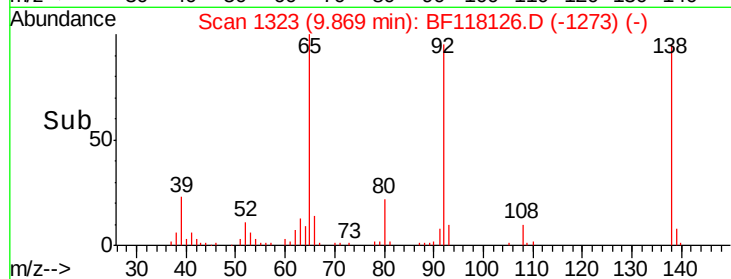
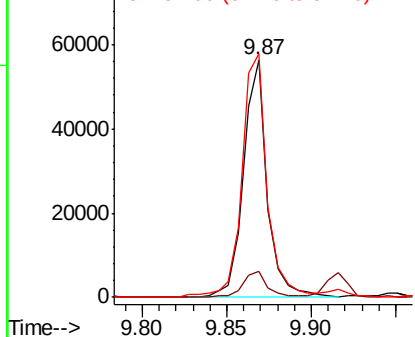


Abundance

Ion 138.00 (137.70 to 138.70): E

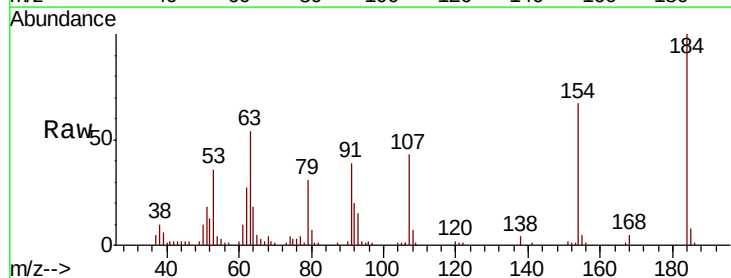
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 33.066 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.3	53.9	80.9
154	66.7	56.3	84.5

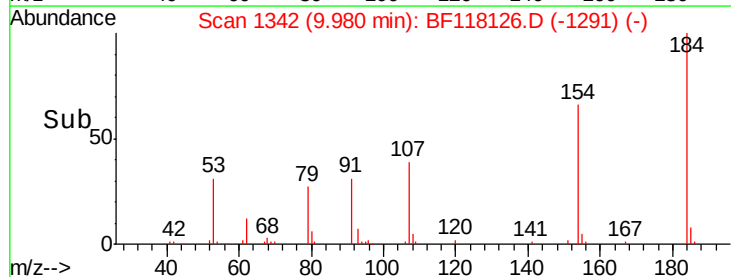
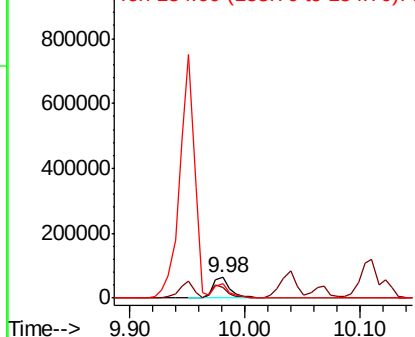


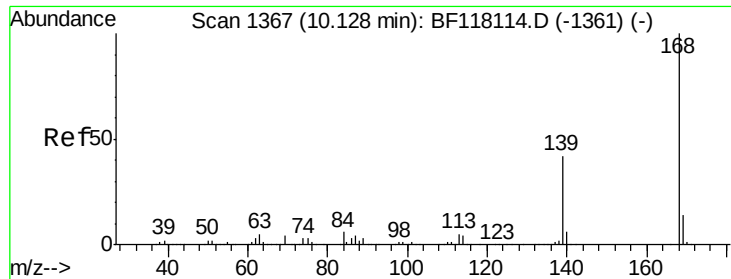
Abundance

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: 46.381 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

ClientSampleId :

WCMSD

Tot Ion:168 Resp: 1014739

Ion Ratio Lower Upper

168 100

139 41.7 33.4 50.0

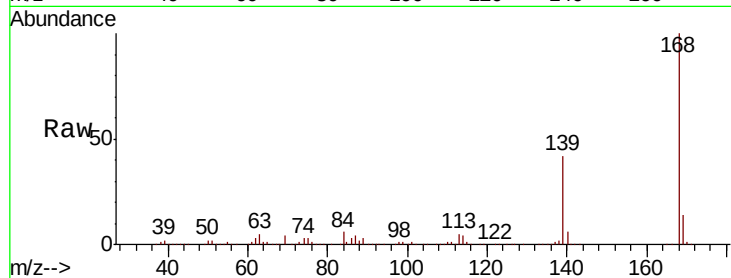
169 14.0 11.0 16.6

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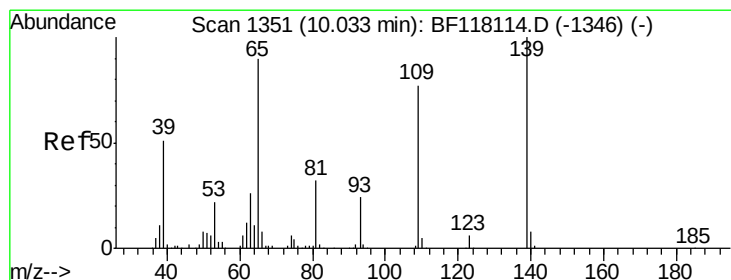
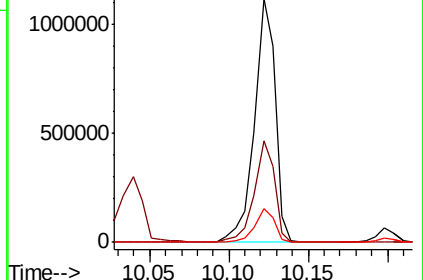
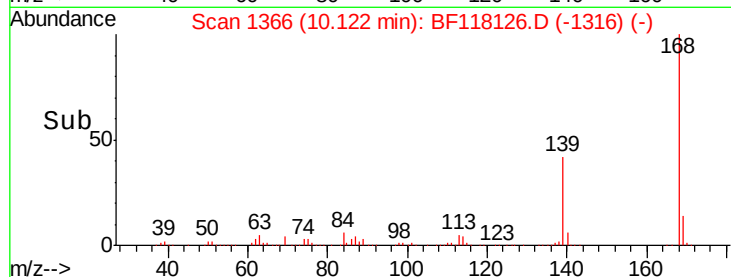
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 91.543 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

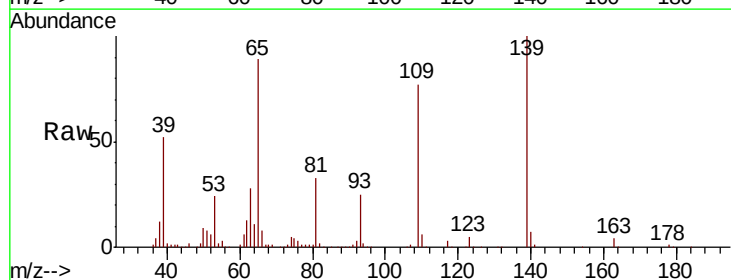
Tgt Ion:139 Resp: 313931

Ion Ratio Lower Upper

139 100

109 76.6 57.3 97.3

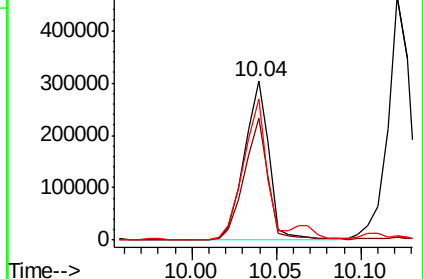
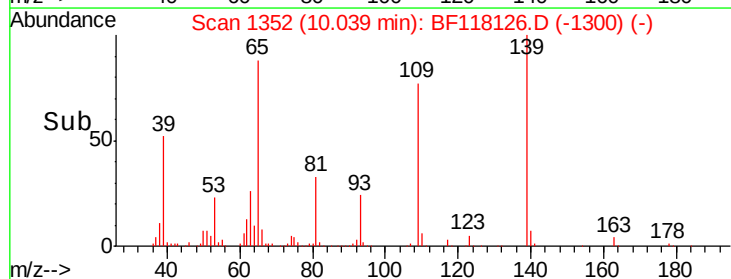
65 88.6 70.2 110.2

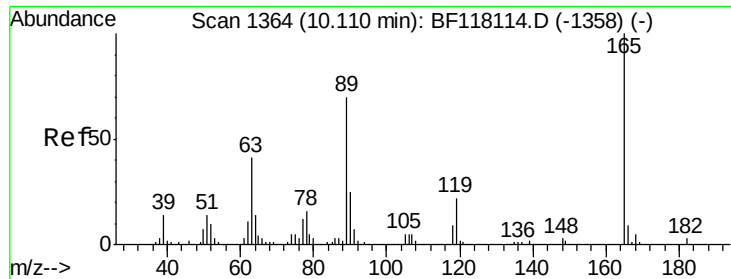


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





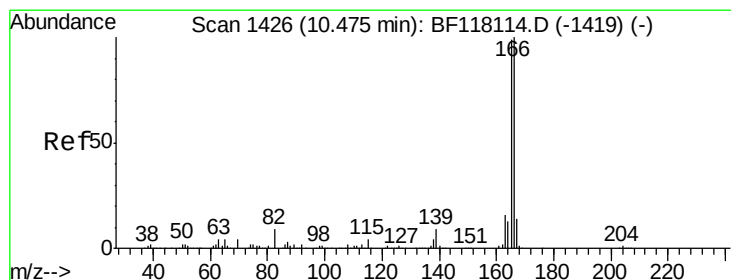
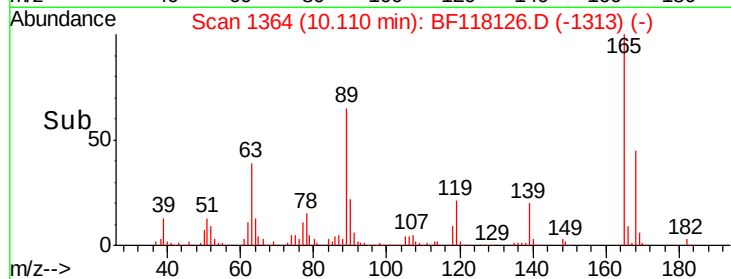
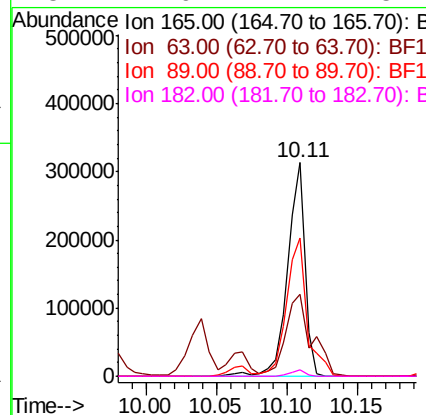
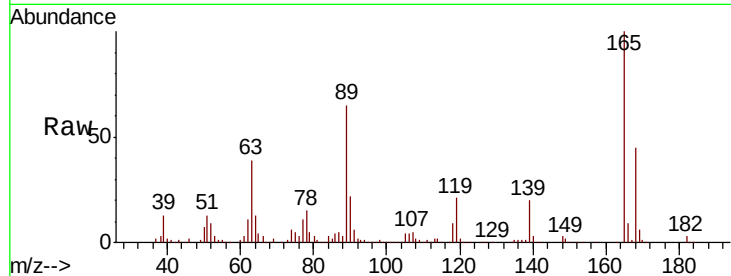
#57
2,4-Dinitrotoluene
Concen: 48.127 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampled :
WCMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	269725		
63	38.6		32.6	49.0
89	64.5		56.1	84.1
182	2.9		2.1	3.1

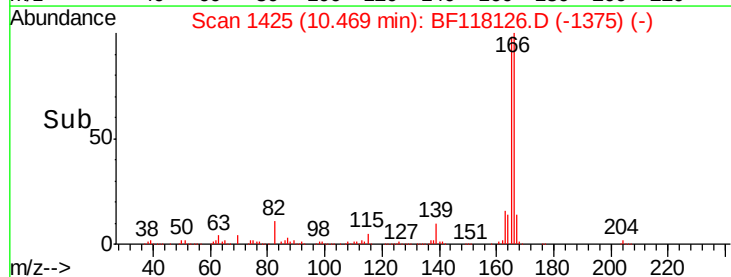
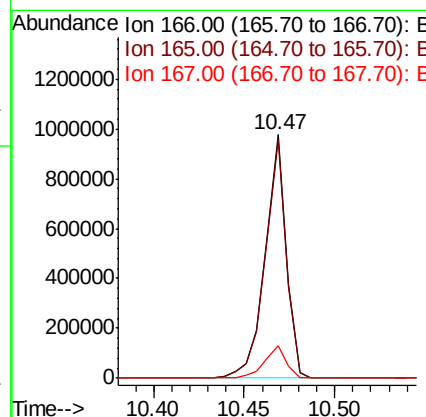
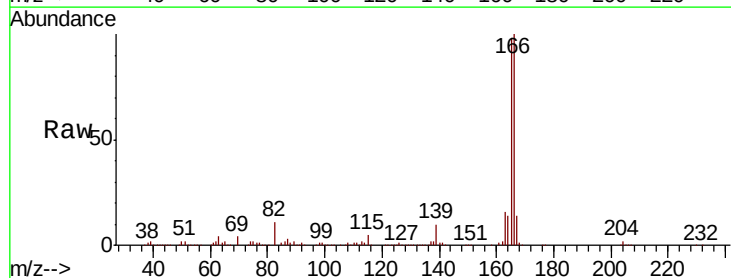
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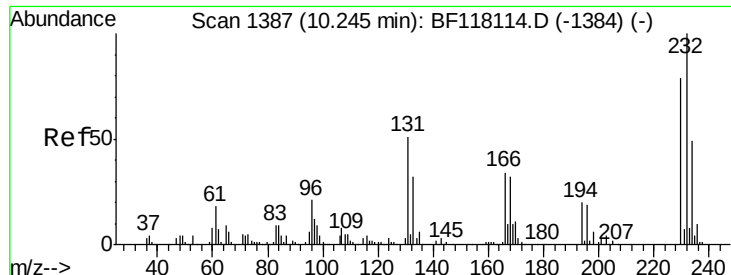
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#58
Fluorene
Concen: 46.005 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	799877		
165	98.1		79.0	118.4
167	13.6		10.9	16.3





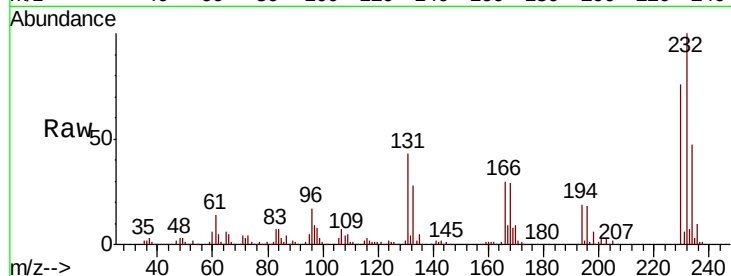
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.909 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Tot Ion:	232	Resp:	221057
Ion Ratio	Lower	Upper	
232	100		
131	47.7	38.8	58.2
130	2.5	1.9	2.9
166	31.6	25.4	38.0

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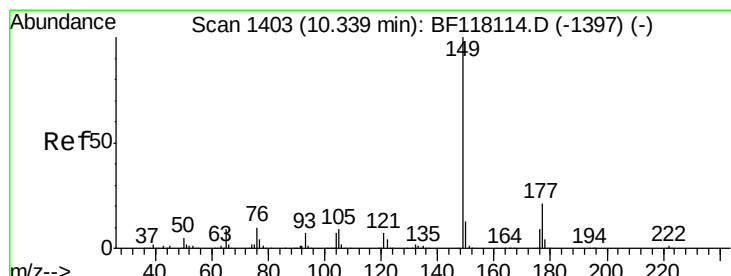
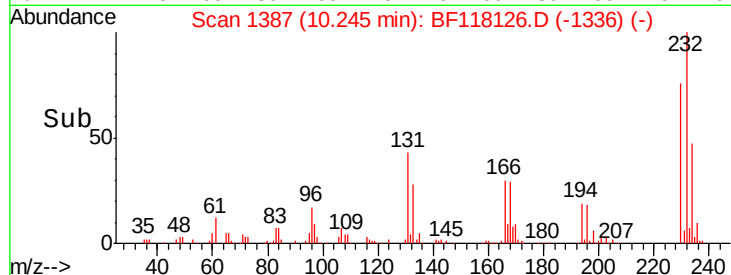
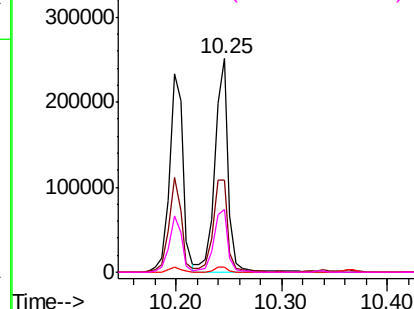
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

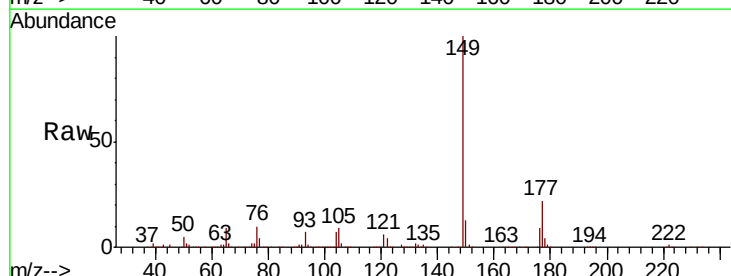
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 45.645 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion:	149	Resp:	868416
Ion Ratio	Lower	Upper	
149	100		
177	21.9	17.0	25.4
150	12.8	10.1	15.1

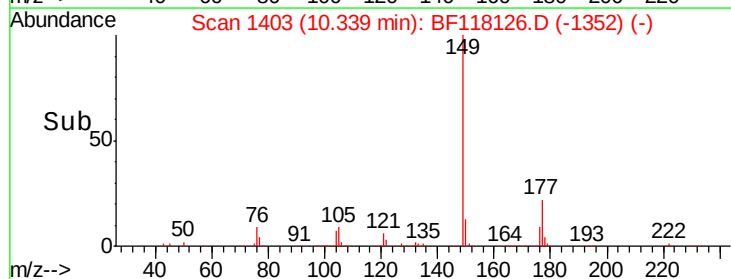
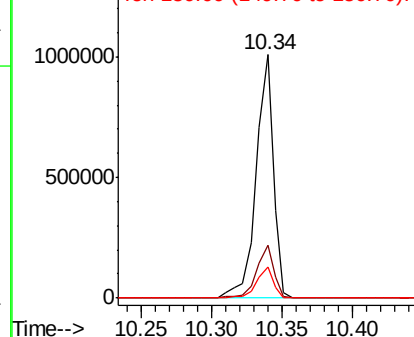


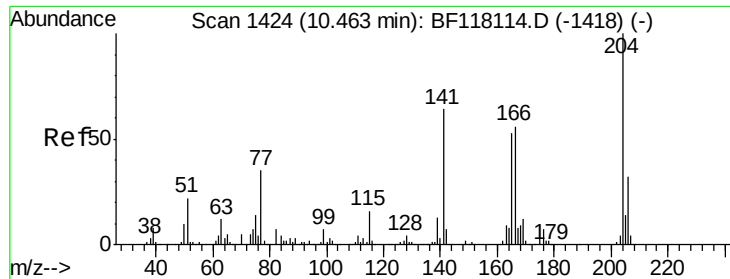
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





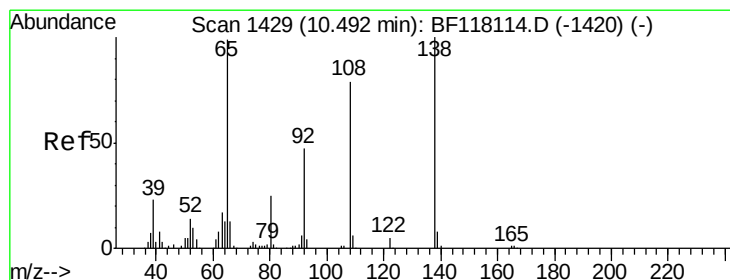
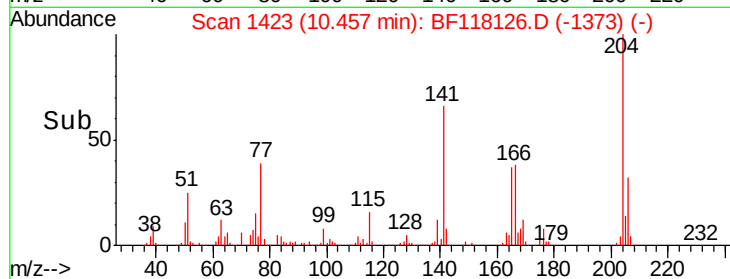
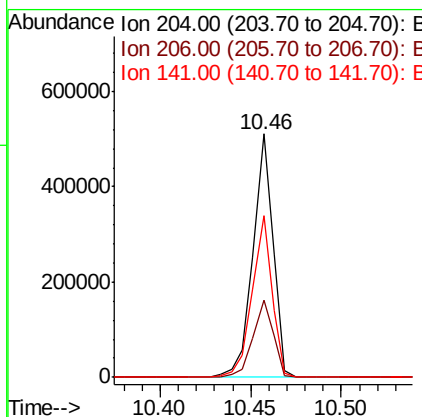
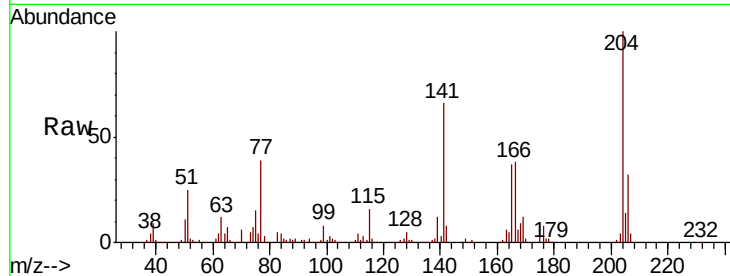
#61
 4-Chlorophenyl-phenylether
 Concen: 45.096 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Tot Ion:	204	Resp:	394512
Ion Ratio	Lower	Upper	
204	100		
206	31.7	26.0	39.0
141	66.2	51.0	76.6

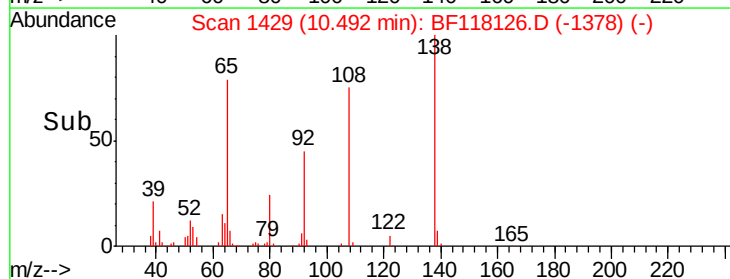
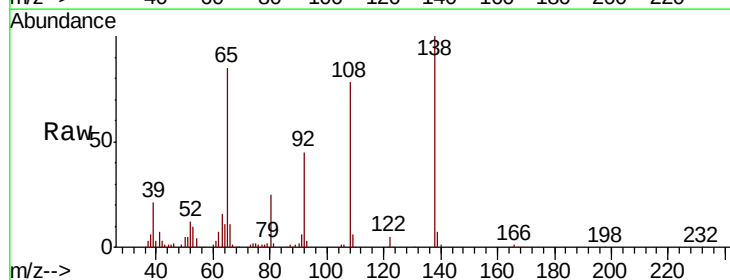
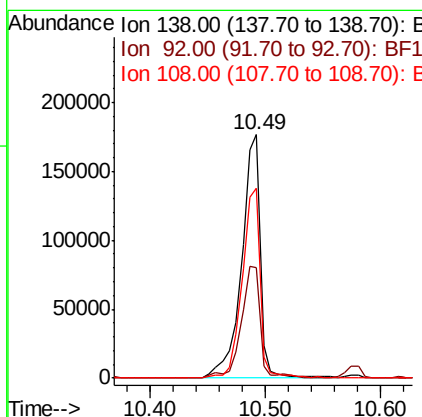
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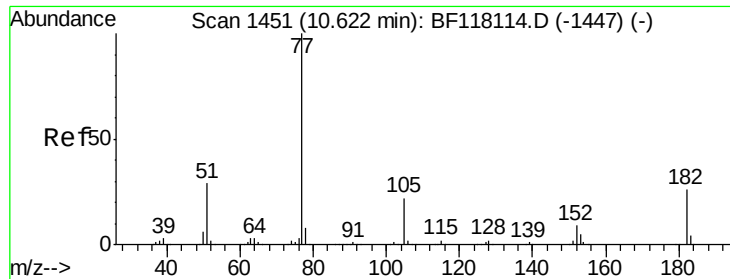
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#62
 4-Nitroaniline
 Concen: 38.726 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion:	138	Resp:	199585
Ion Ratio	Lower	Upper	
138	100		
92	45.4	27.1	67.1
108	77.8	59.0	99.0





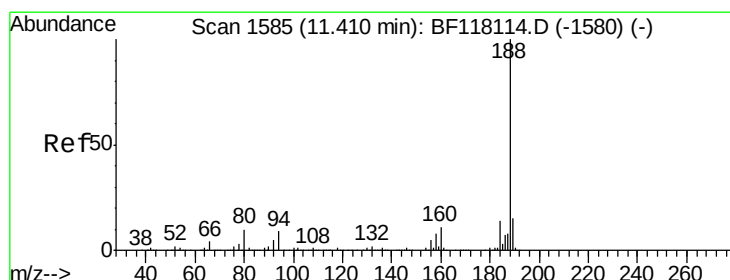
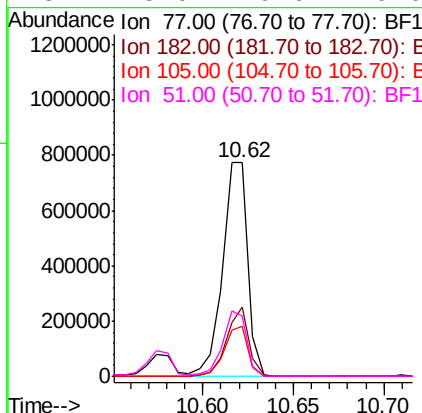
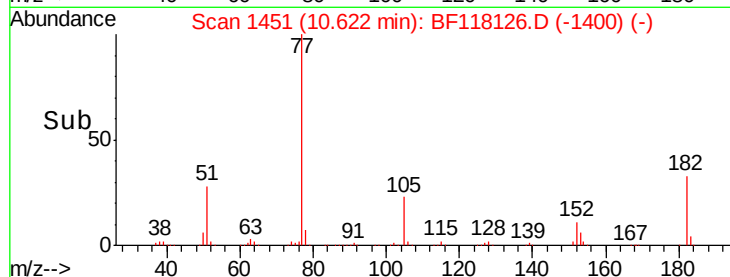
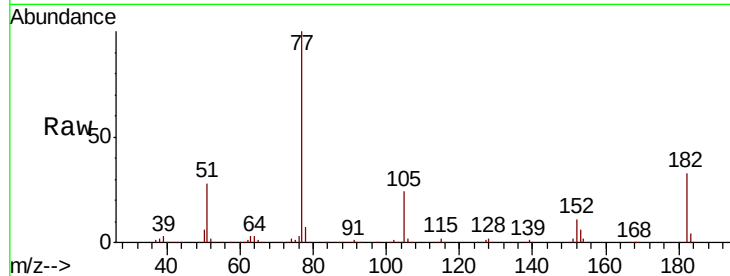
#63
Azobenzene
Concen: 45.898 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	32.6	5.7	45.7		
105	23.5	2.2	42.2		
51	28.0	9.6	49.6		

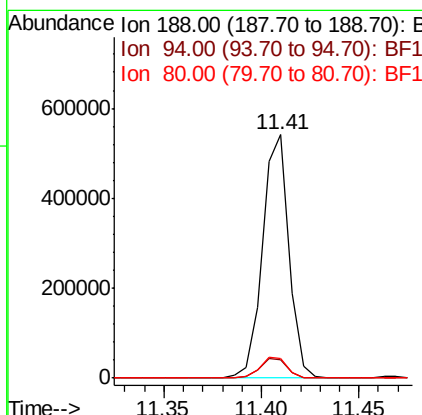
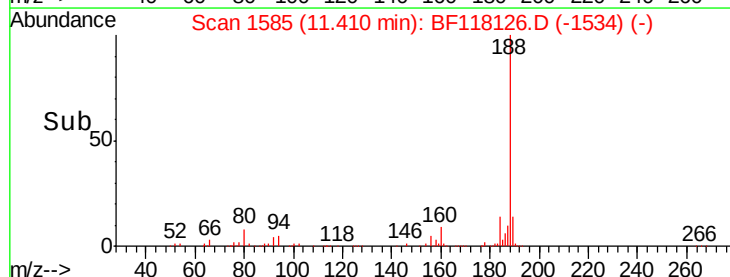
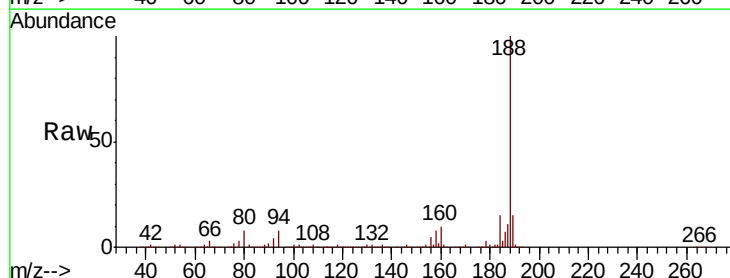
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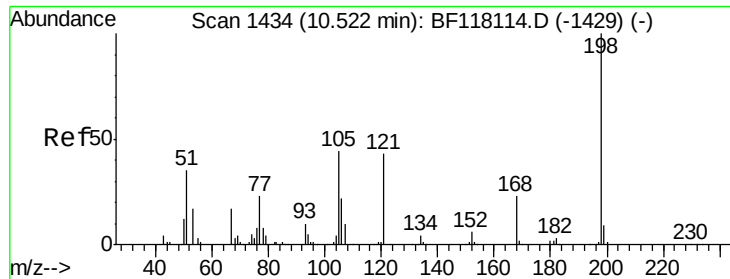
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.6	7.1	10.7		
80	8.2	7.9	11.9		





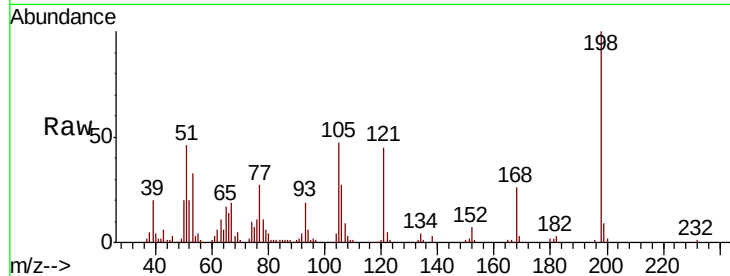
#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.902 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

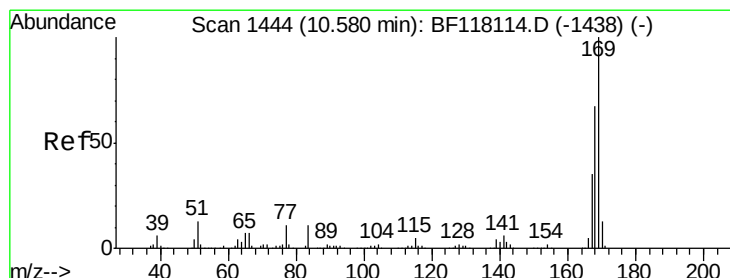
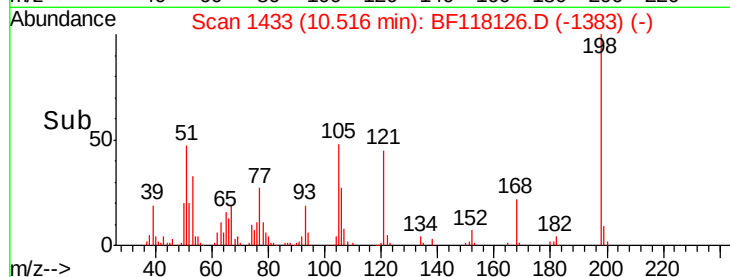
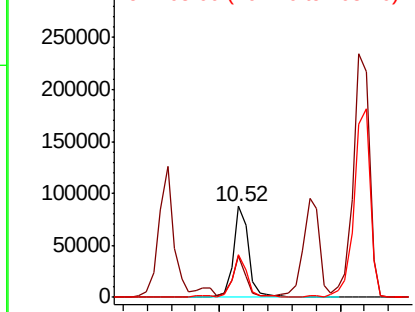
Tot Ion	Ratio	Lower	Upper
198	100		
51	46.2	22.0	62.0
105	47.1	25.6	65.6

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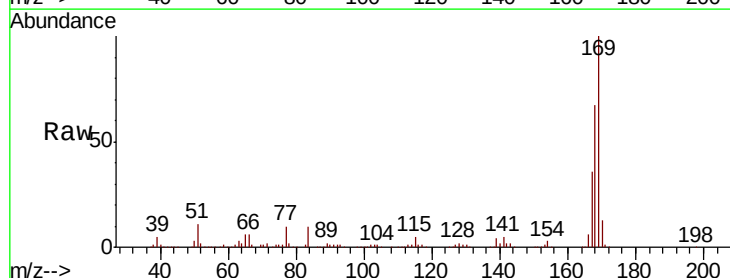


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

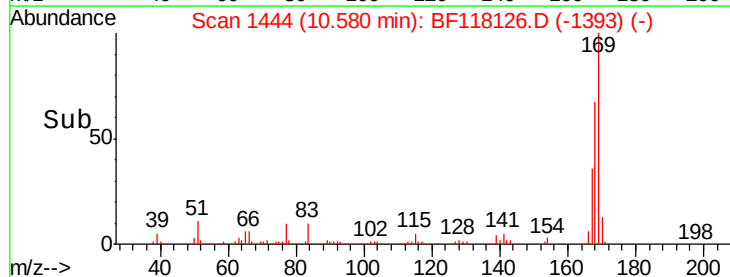
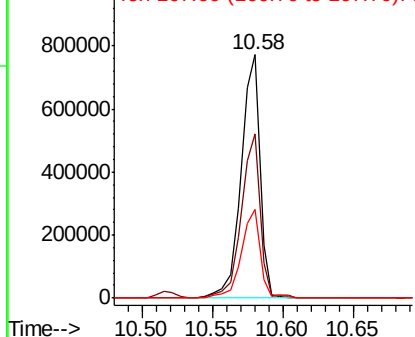


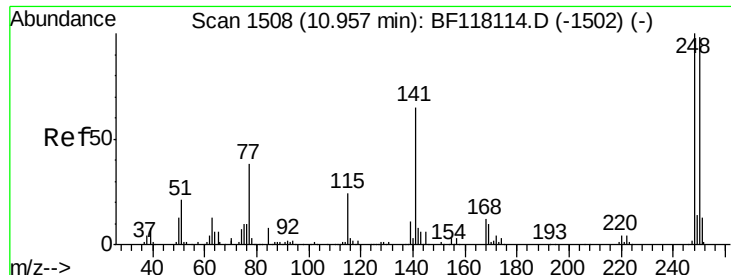
#66
 n-Nitrosodiphenylamine
 Concen: 45.428 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.2	53.4	80.2
167	36.2	28.4	42.6



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 43.445 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

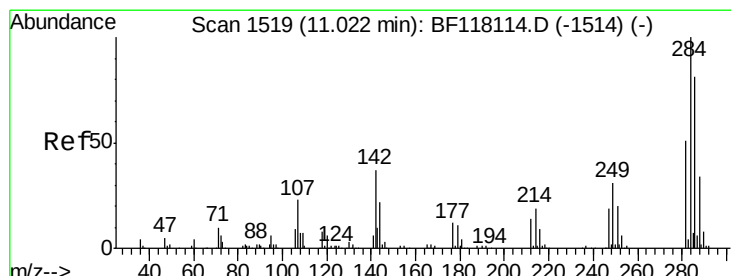
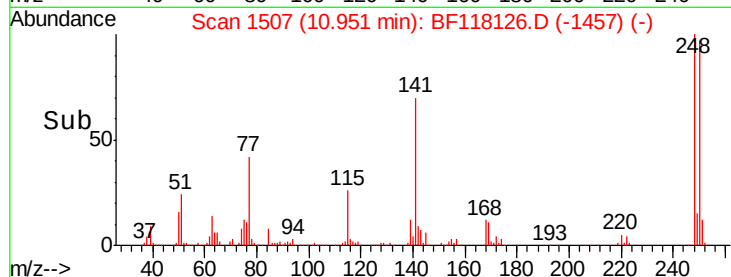
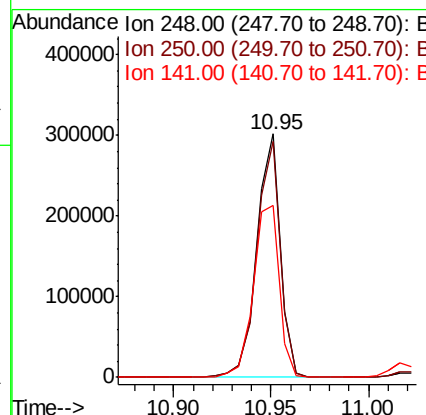
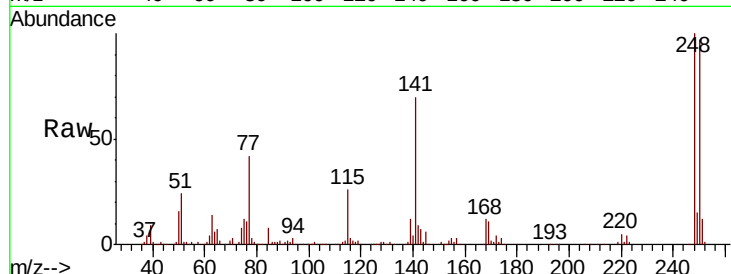
ClientSampleId :

WCMSD

Tot Ion:	248	Resp:	251235
Ion Ratio	Lower	Upper	
248	100		
250	97.1	78.3	117.5
141	70.4	52.2	78.4

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#68

Hexachlorobenzene

Concen: 42.917 ng

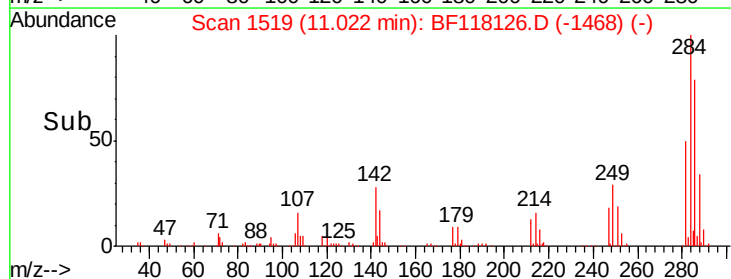
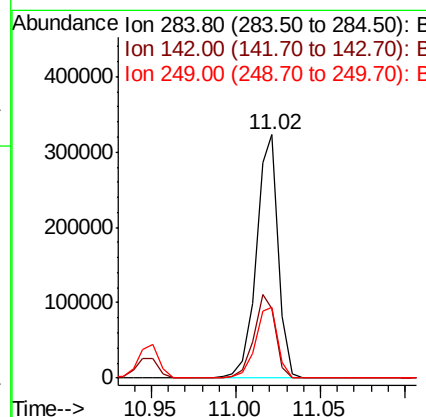
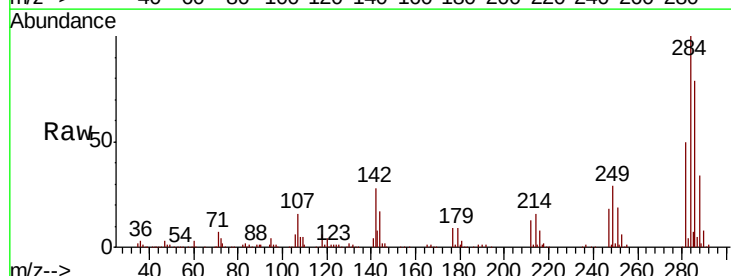
RT: 11.02 min Scan# 1519

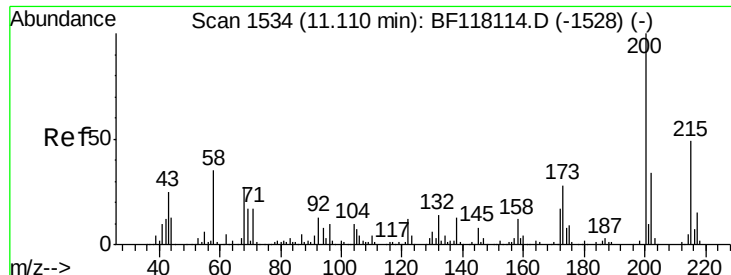
Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Tgt Ion:	284	Resp:	292116
Ion Ratio	Lower	Upper	
284	100		
142	28.4	29.7	44.5#
249	29.1	24.6	37.0





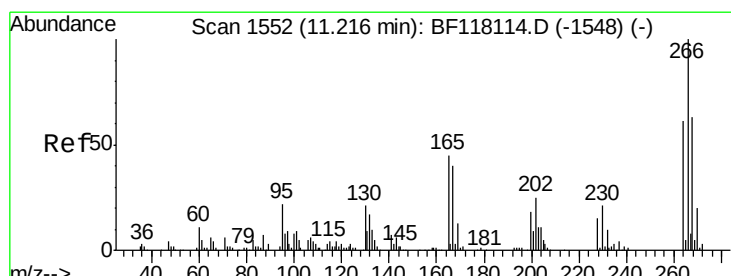
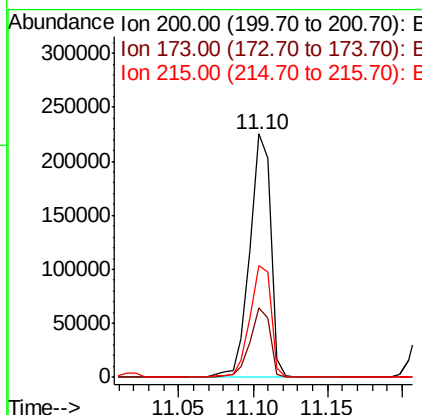
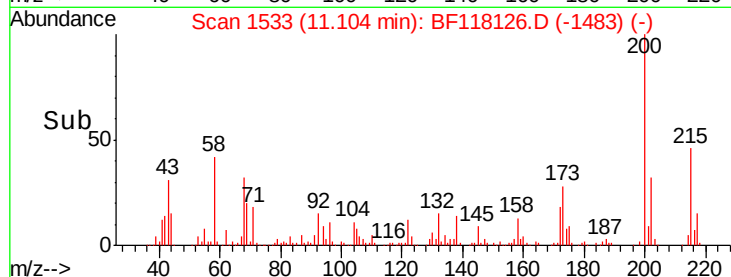
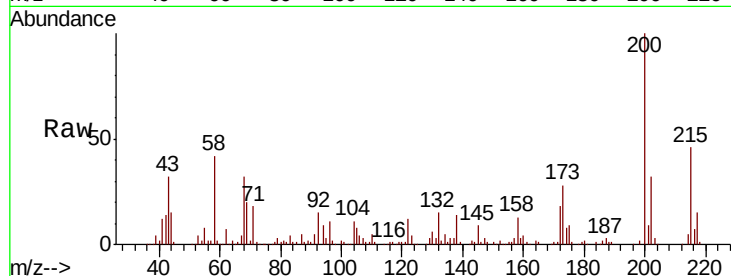
#69
Atrazine
Concen: 56.853 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.3	8.1	48.1
215	46.0	29.0	69.0

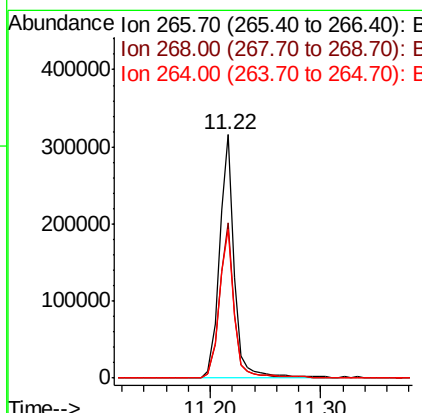
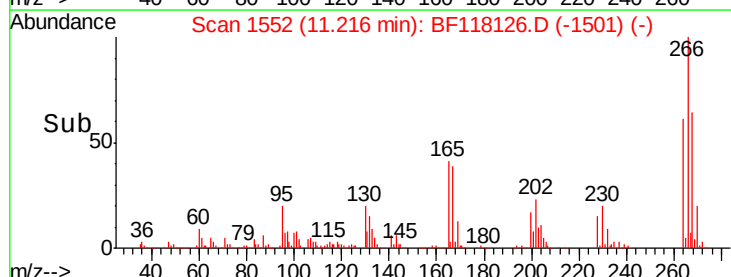
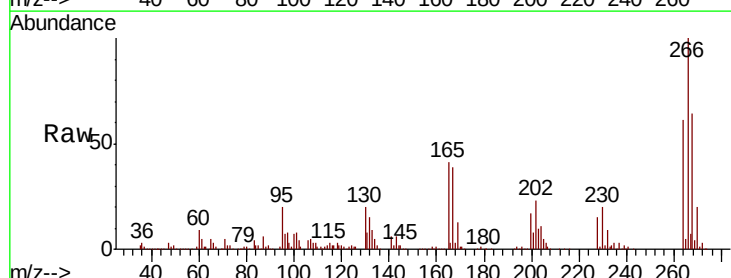
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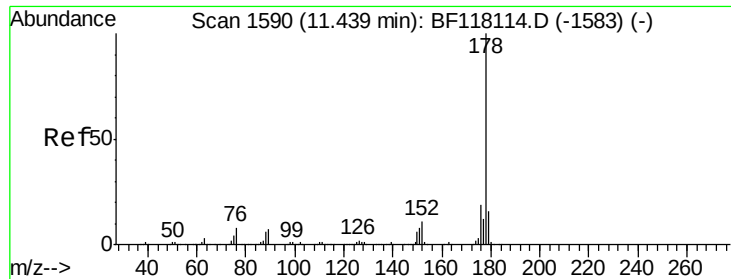
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#70
Pentachlorophenol
Concen: 91.935 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	50.7	76.1
264	61.2	48.7	73.1





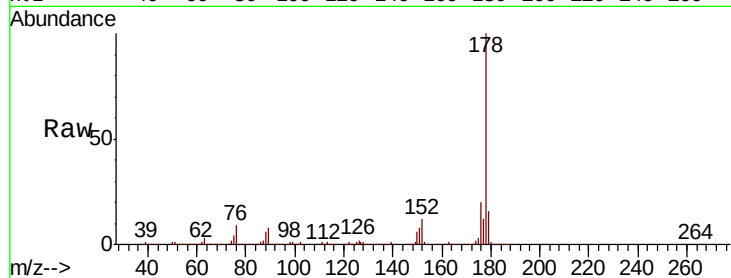
#71
Phenanthrene
Concen: 45.544 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

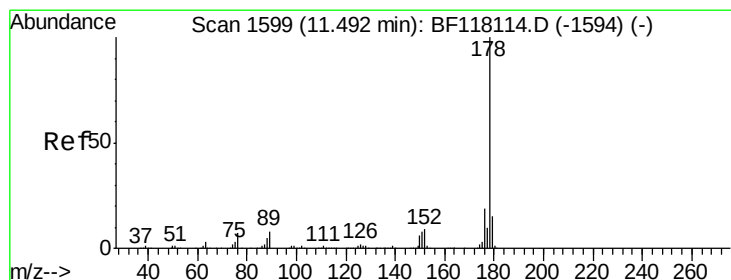
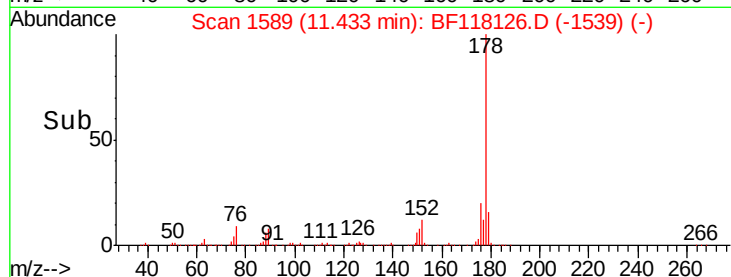
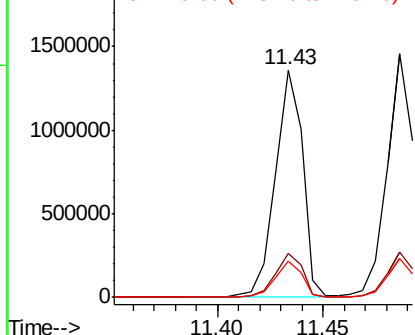
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.5	23.3
179	15.9	12.6	18.8

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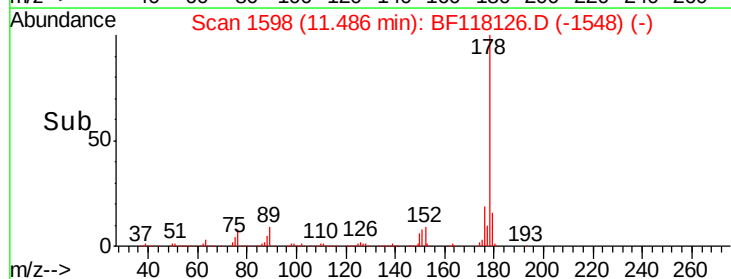
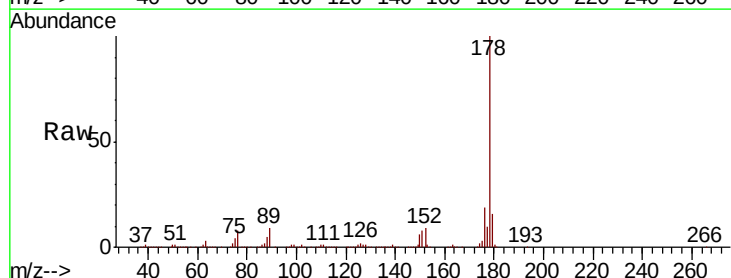
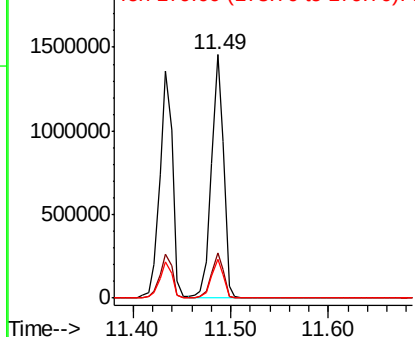
Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

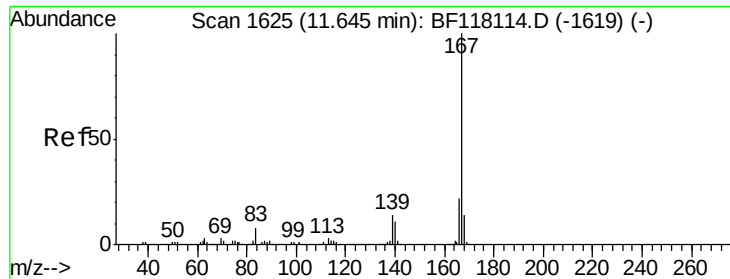


#72
Anthracene
Concen: 47.008 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.7	12.2	18.4

Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





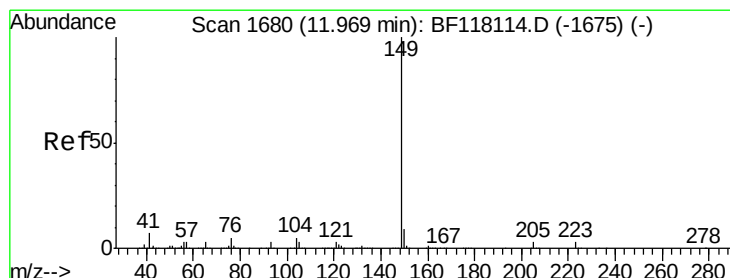
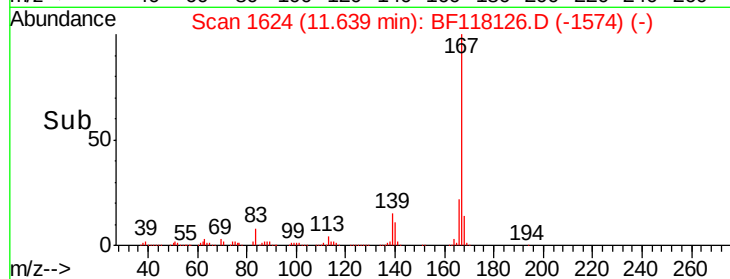
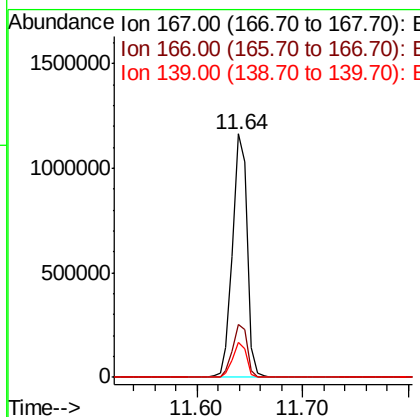
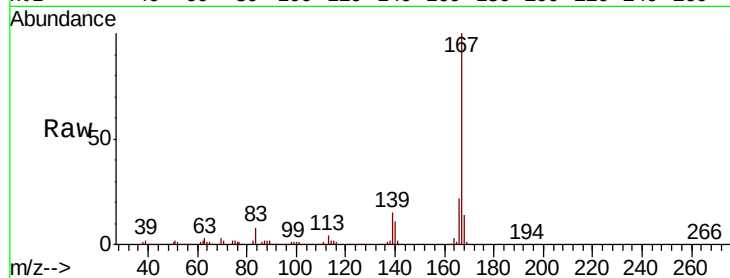
#73
 Carbazole
 Concen: 46.027 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Tot Ion:167 Resp: 1109409
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 14.5 11.4 17.0

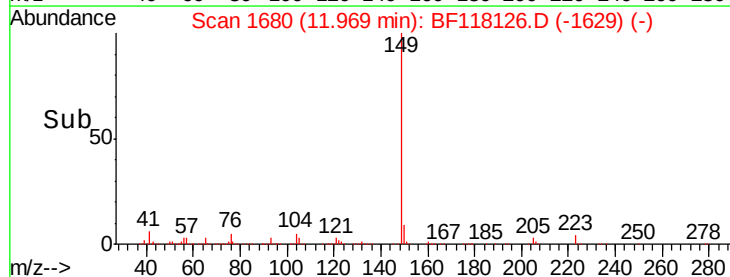
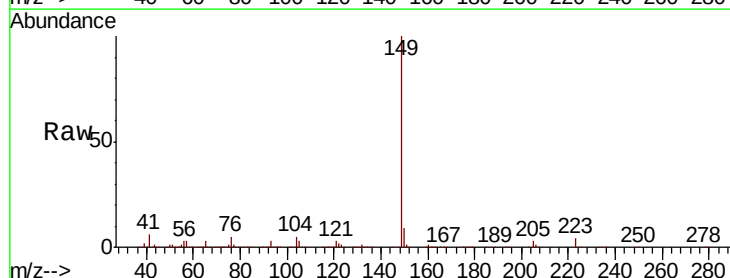
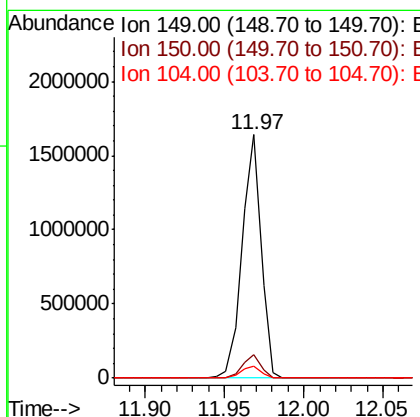
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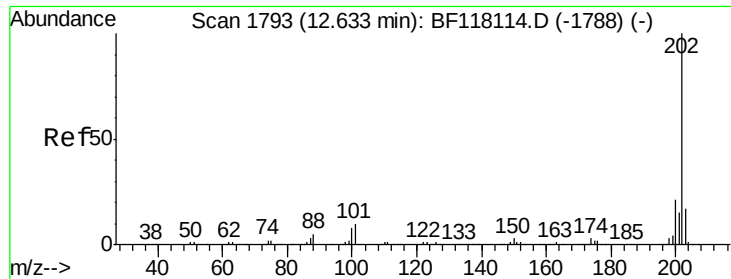
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#74
 Di-n-butylphthalate
 Concen: 45.159 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion:149 Resp: 1362266
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.0 4.3 6.5





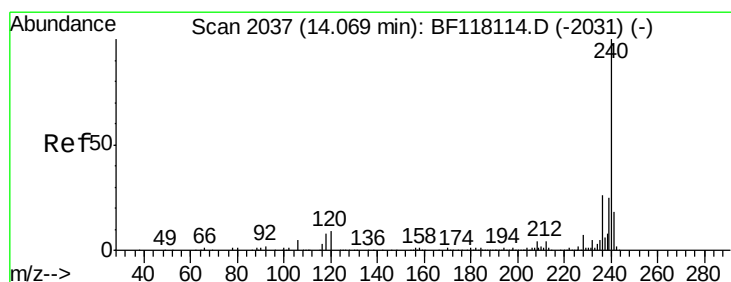
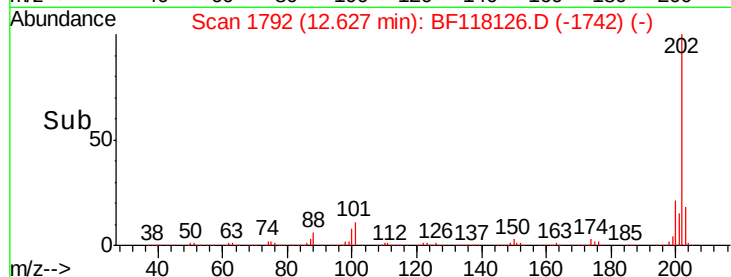
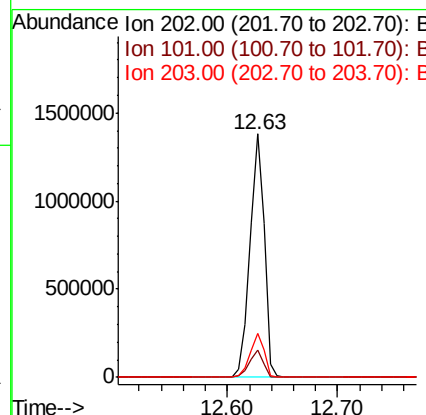
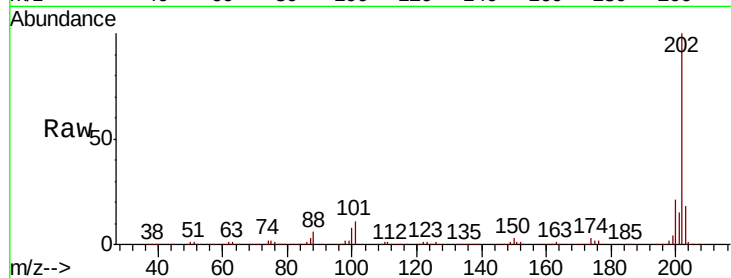
#75
Fluoranthene
Concen: 45.998 ng
RT: 12.63 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	1266463		
101	11.2	0.0	30.4	
203	17.9	0.0	37.2	

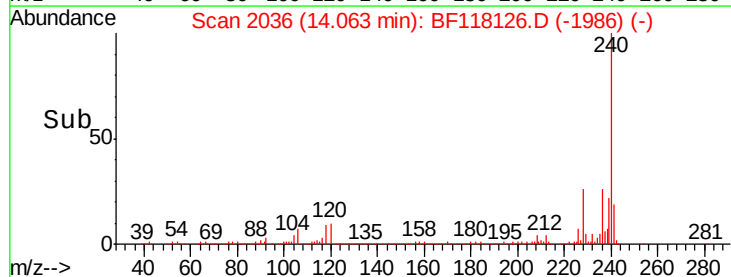
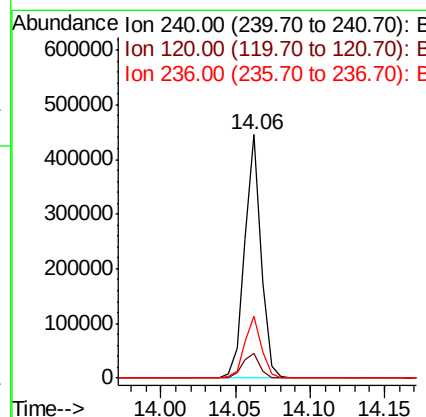
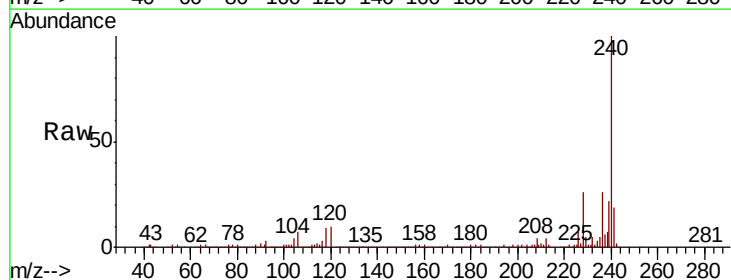
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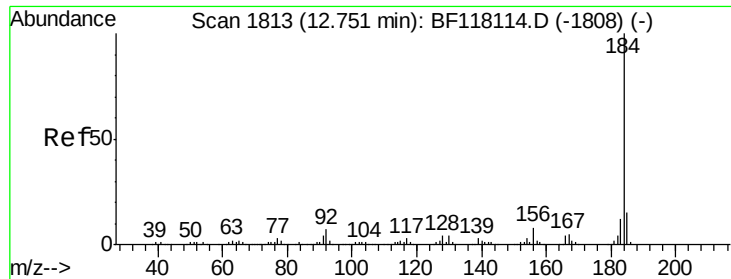
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	341061		
120	10.1	7.1	10.7	
236	25.6	21.0	31.6	





#77

Benzidine

Concen: 65.309 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

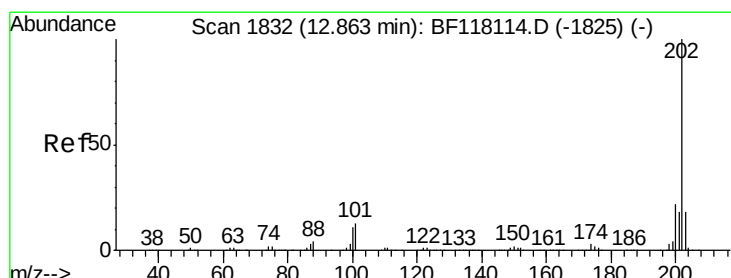
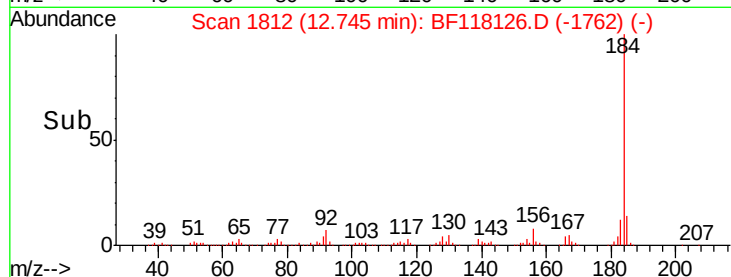
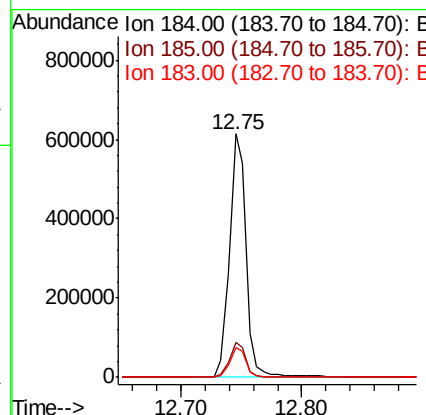
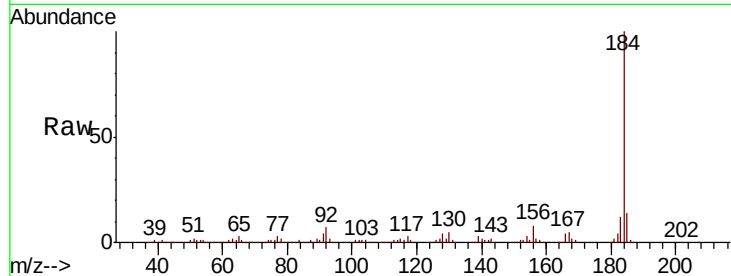
ClientSampleId :

WCMSD

Tot Ion:	184	Resp:	586376
Ion Ratio	Lower	Upper	
184	100		
185	14.4	12.3	18.5
183	12.1	9.9	14.9

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#78

Pyrene

Concen: 47.574 ng

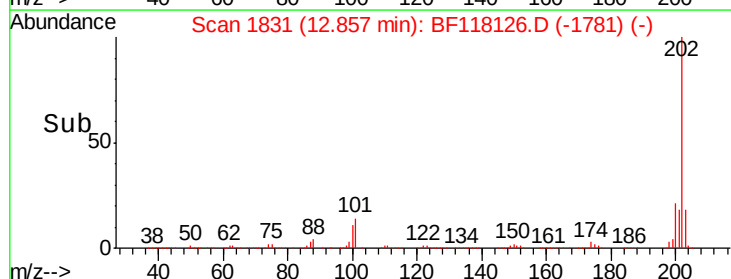
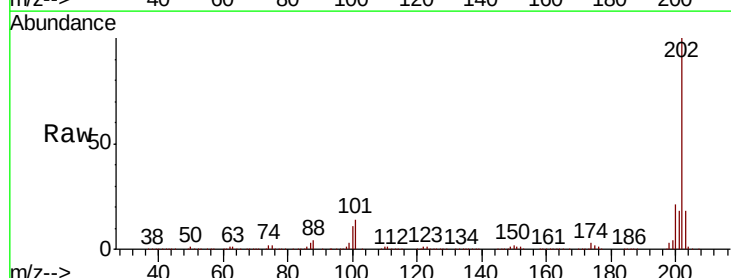
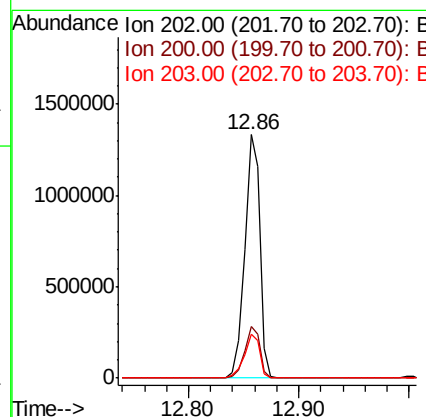
RT: 12.86 min Scan# 1831

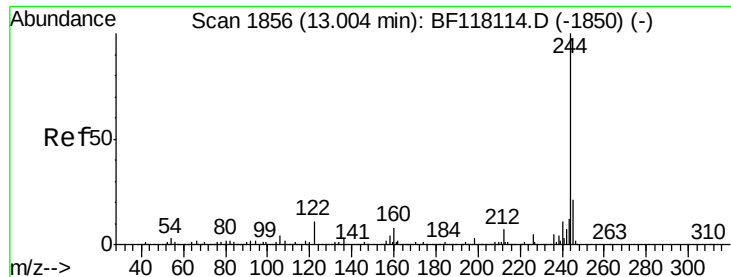
Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Tgt Ion:	202	Resp:	1278660
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.5	26.3
203	17.9	14.6	21.8





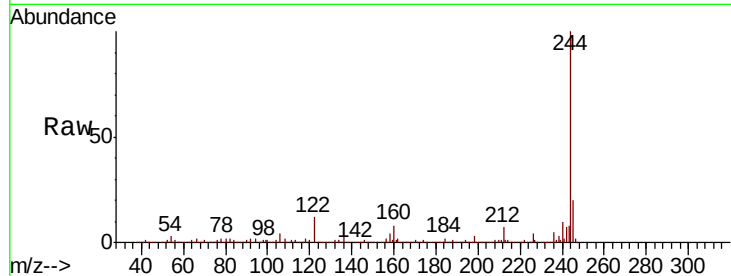
#79
Terphenyl-d14
Concen: 97.768 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampled :
WCMSD

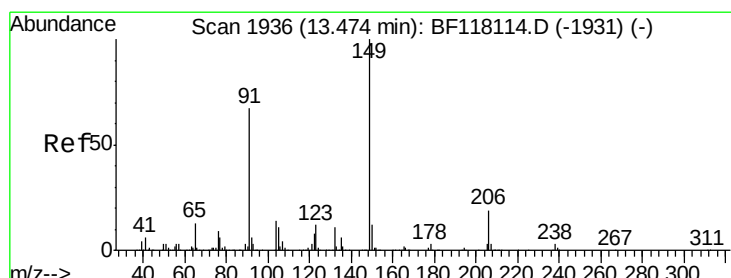
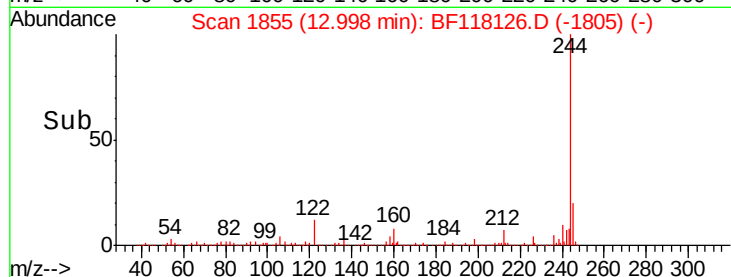
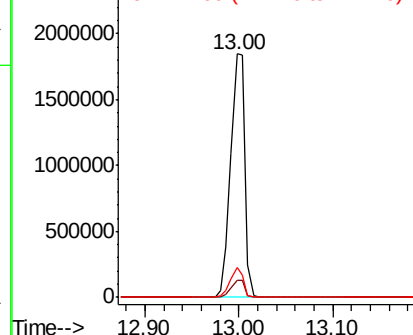
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.9	8.9
122	12.1	9.0	13.6

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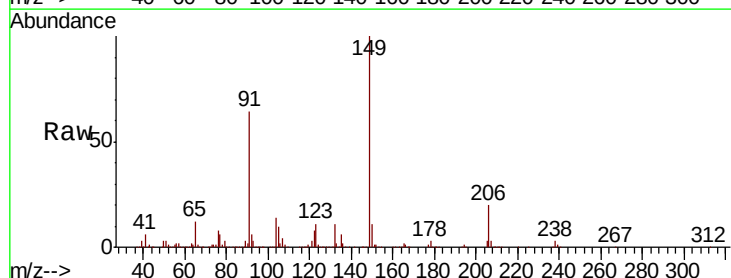


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

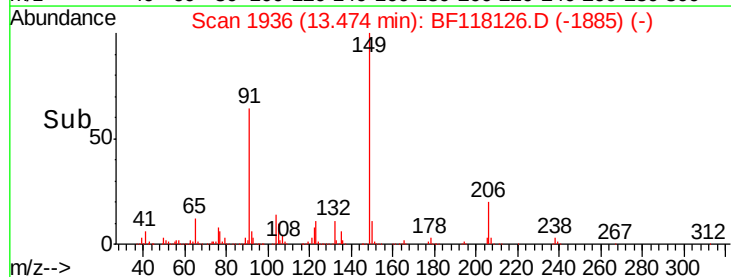
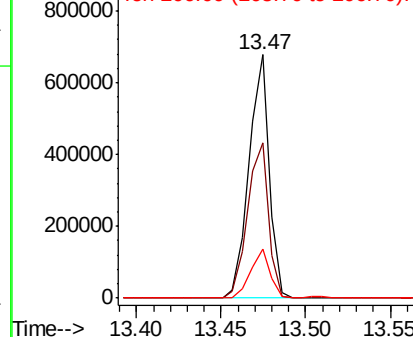


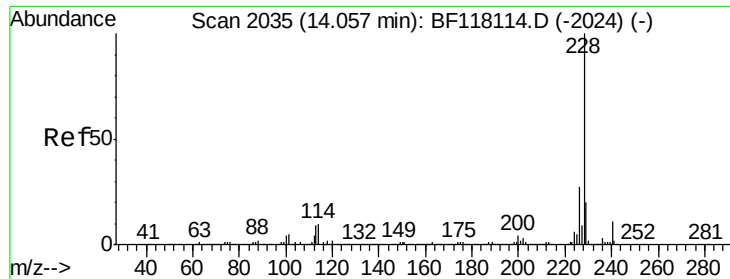
#80
Butylbenzylphthalate
Concen: 46.646 ng
RT: 13.47 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.6	53.9	80.9
206	19.9	15.2	22.8



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





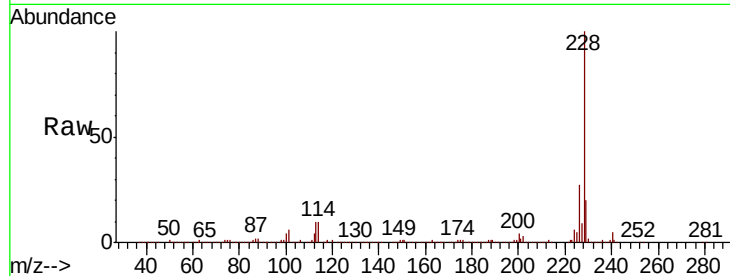
#81
Benzo(a)anthracene
Concen: 44.302 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.8	32.8
229	19.9	15.8	23.8

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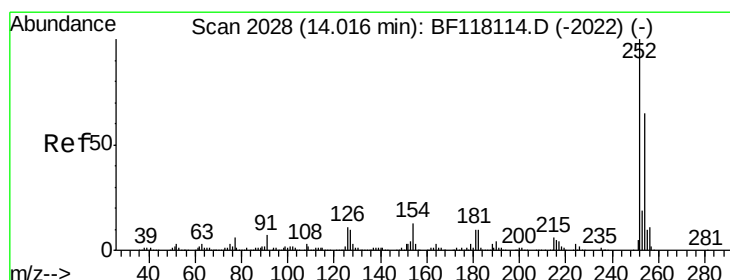
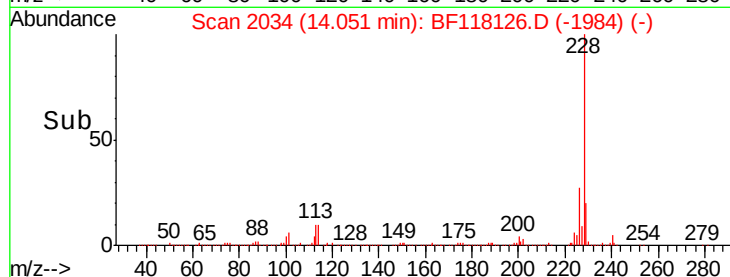
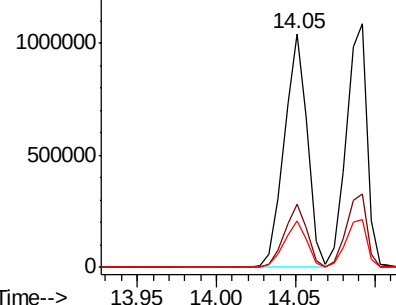


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 17.444 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

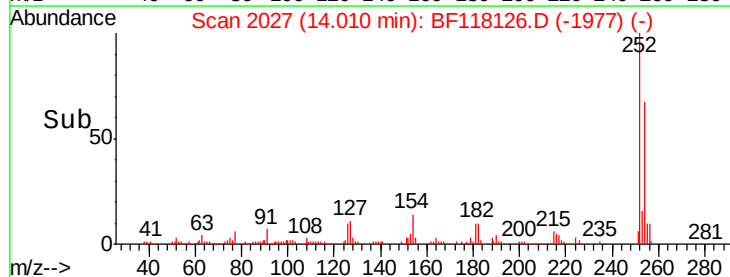
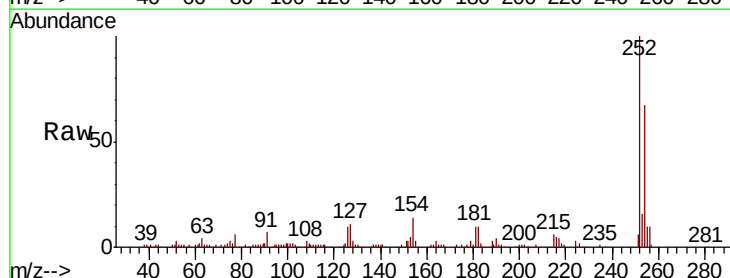
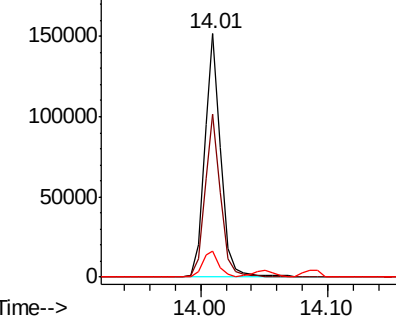
Tgt Ion	Ratio	Lower	Upper
252	100		
254	67.0	52.2	78.4
126	10.4	8.6	13.0

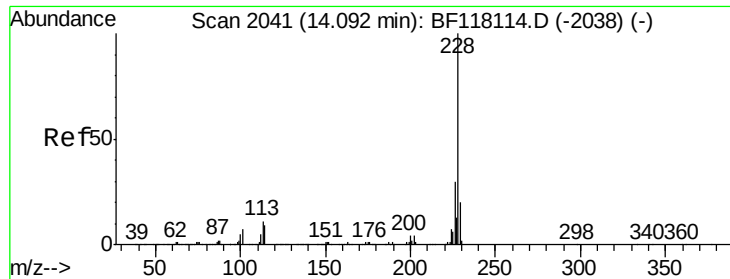
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





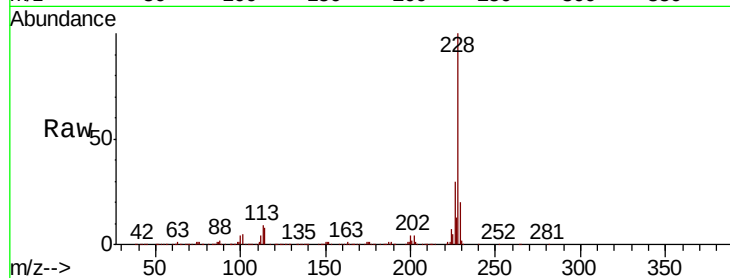
#83
 Chrysene
 Concen: 44.193 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Instrument :
 BNA_F
 ClientSampleId :
 WCMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	19.7	15.7	23.5

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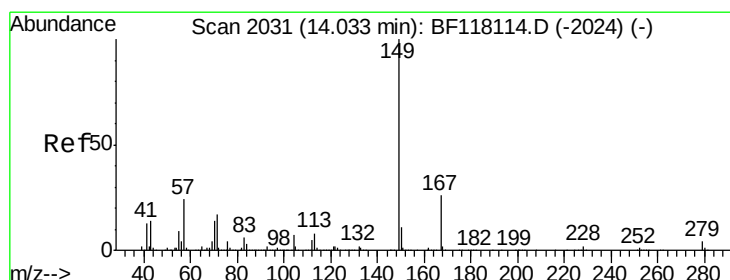
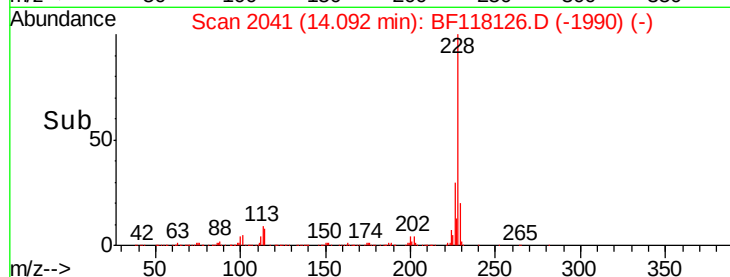
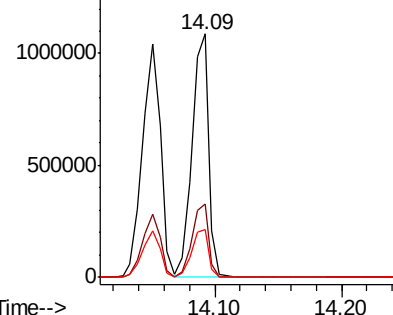


Abundance

Ion 228.00 (227.70 to 228.70): E

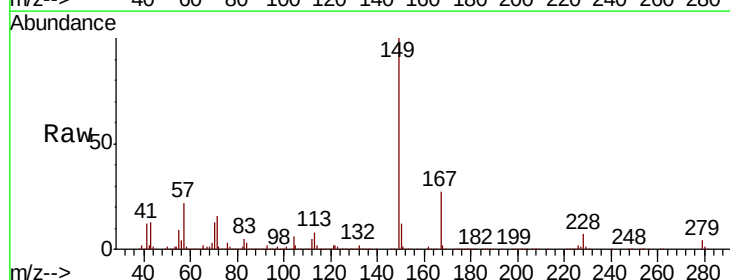
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.910 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.00 min
 Lab File: BF118126.D
 Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.8	31.2
279	4.3	2.9	4.3#

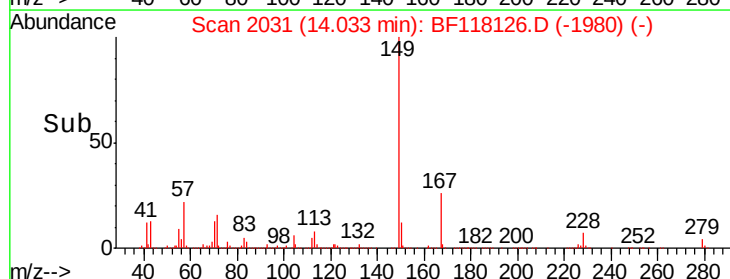
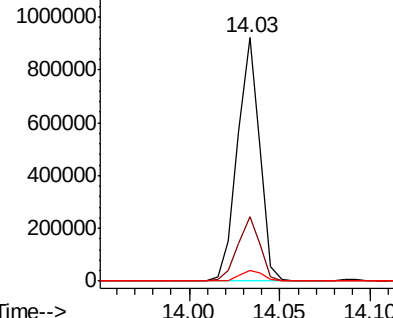


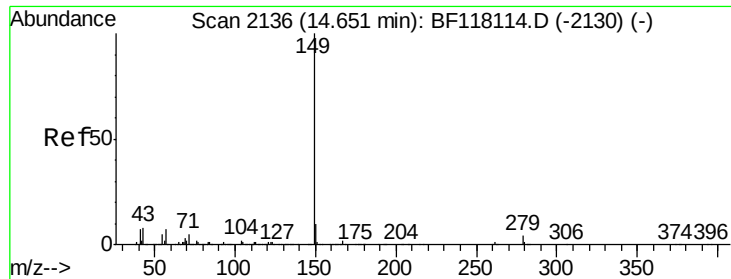
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.444 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

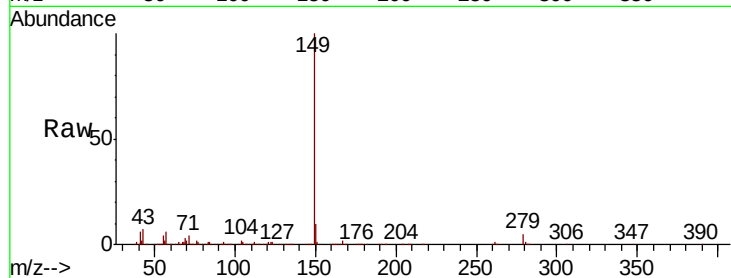
ClientSampleId :

WCMSD

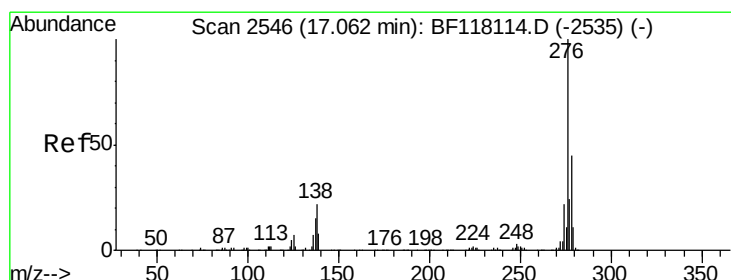
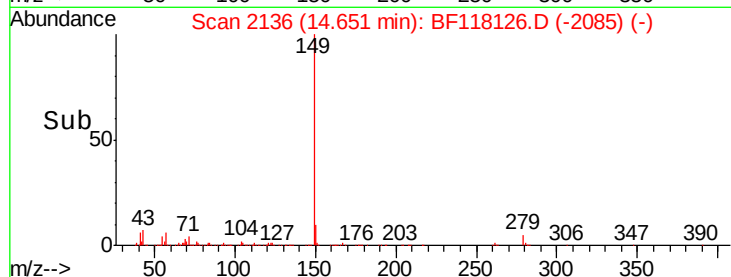
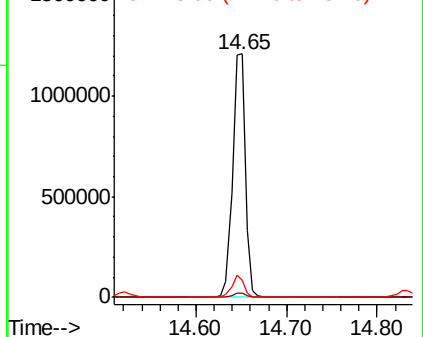
Tot Ion:	149	Resp:	1202150
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.0	6.5	9.7

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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: 48.985 ng

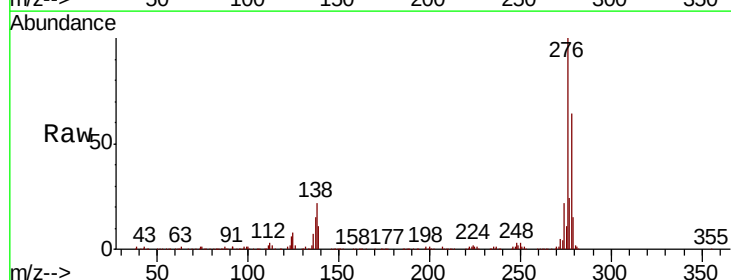
RT: 17.06 min Scan# 2546

Delta R.T. -0.00 min

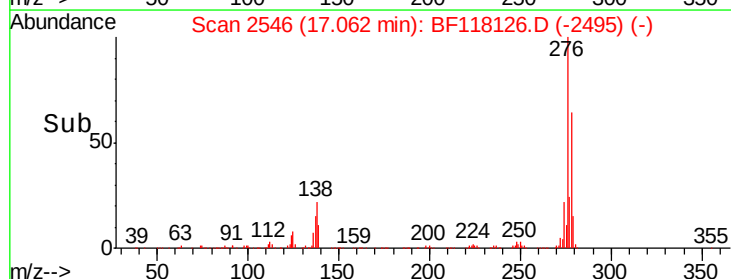
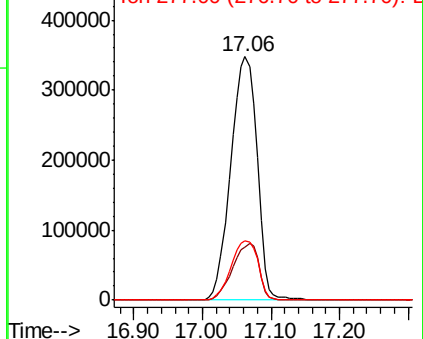
Lab File: BF118126.D

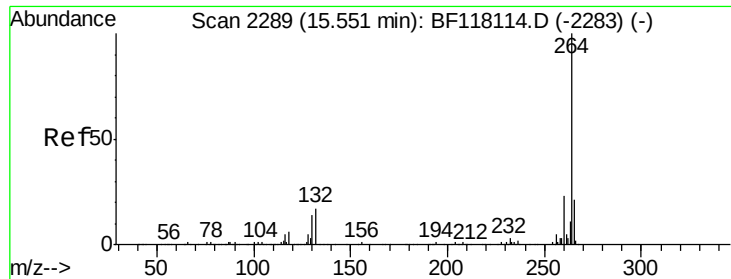
Acq: 7 Dec 2019 13:54

Tgt Ion:	276	Resp:	928491
Ion	Ratio	Lower	Upper
276	100		
138	23.1	18.9	28.3
277	25.2	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: 15.55 min Scan# 2289

Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

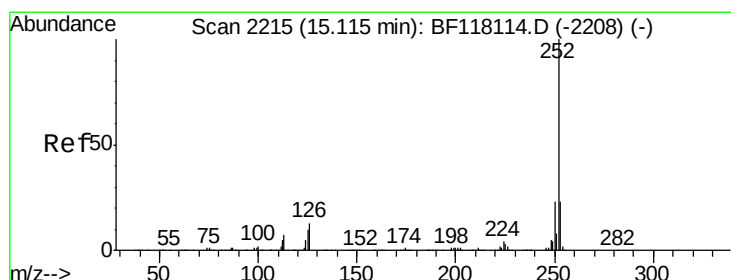
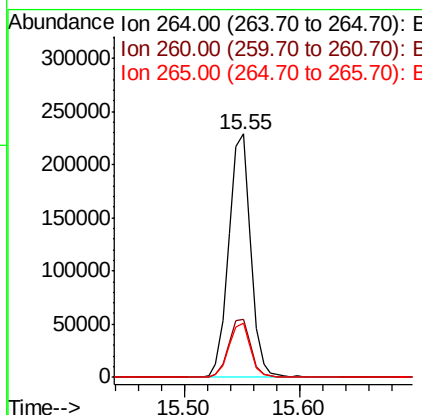
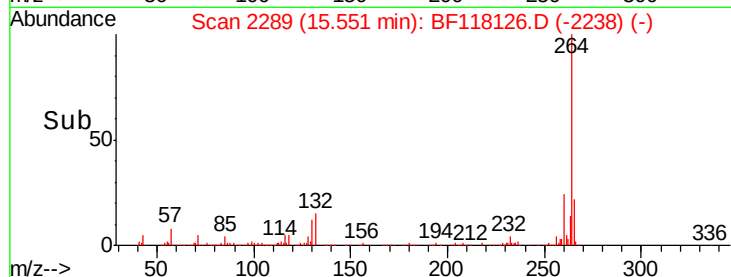
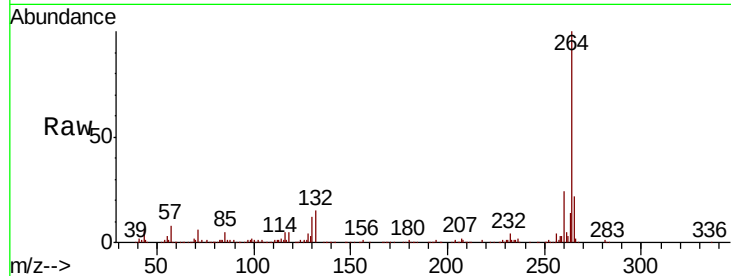
ClientSampleId :

WCMSD

Tot Ion:	264	Resp:	301551
Ion Ratio		Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.1	16.8	25.2

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#88

Benzo(b)fluoranthene

Concen: 45.717 ng

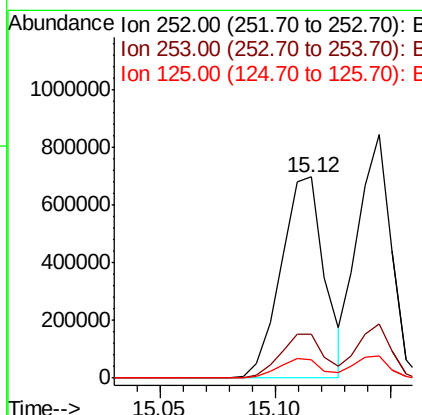
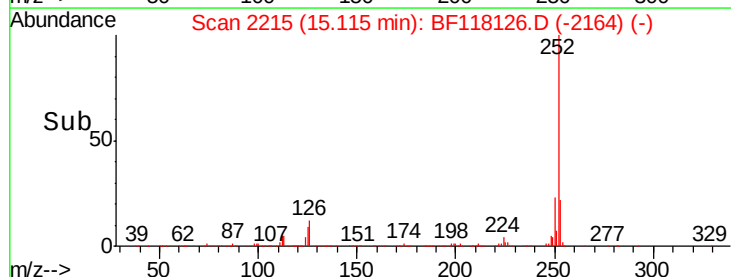
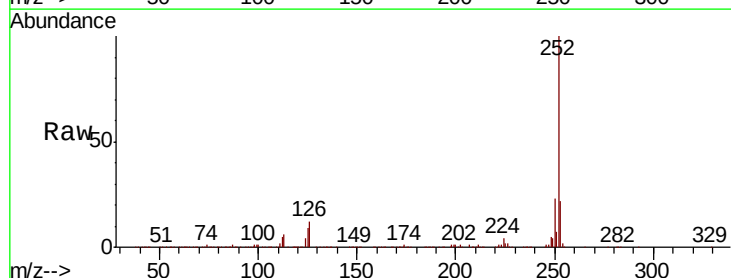
RT: 15.12 min Scan# 2215

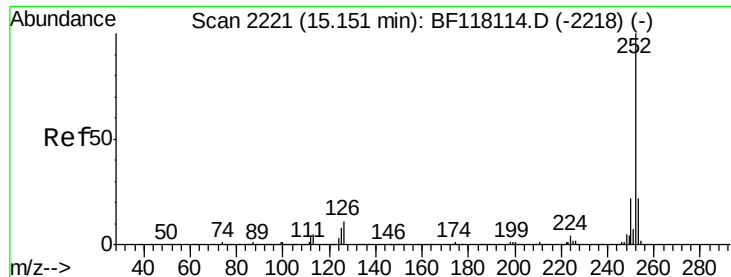
Delta R.T. -0.00 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Tgt Ion:	252	Resp:	911753
Ion Ratio		Lower	Upper
252	100		
253	21.6	18.2	27.4
125	8.9	8.3	12.5





#89

Benzo(k)fluoranthene

Concen: 44.534 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Instrument :

BNA_F

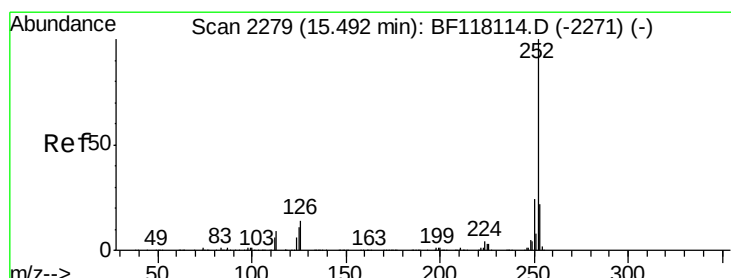
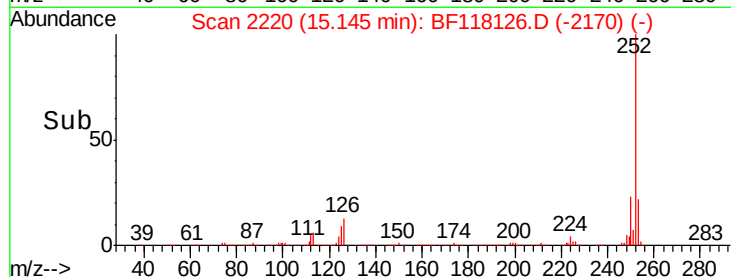
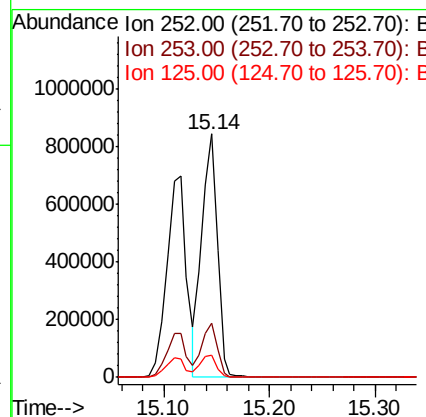
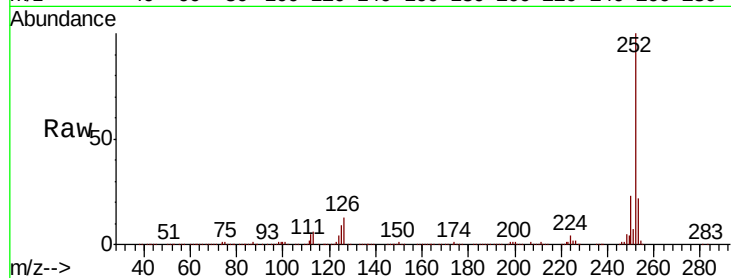
ClientSampled :

WCMSD

Tot Ion:252	Resp:	853239
Ion Ratio	Lower	Upper
252	100	
253	22.5	17.6 26.4
125	9.3	6.7 10.1

Manual Integrations
APPROVED

mohammad
12/10/2019 11:47:29 AM



#90

Benzo(a)pyrene

Concen: 46.180 ng

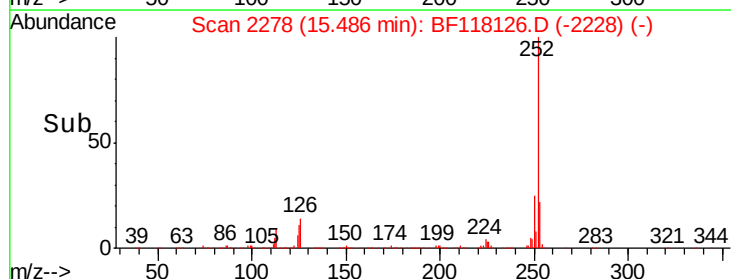
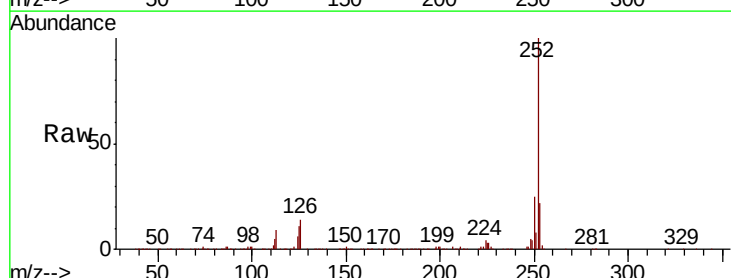
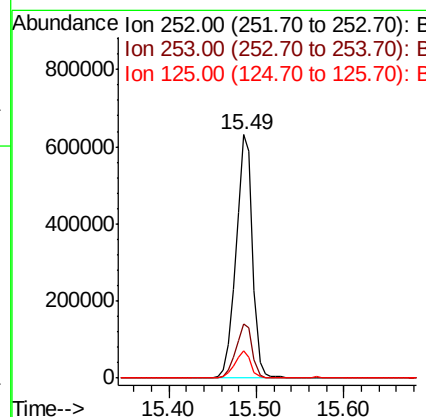
RT: 15.49 min Scan# 2278

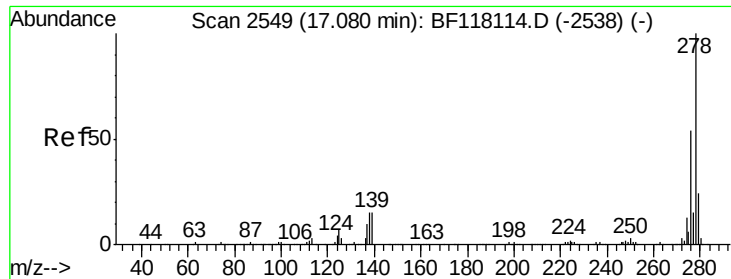
Delta R.T. -0.01 min

Lab File: BF118126.D

Acq: 7 Dec 2019 13:54

Tgt Ion:252	Resp:	813408
Ion Ratio	Lower	Upper
252	100	
253	22.4	17.5 26.3
125	11.3	9.1 13.7





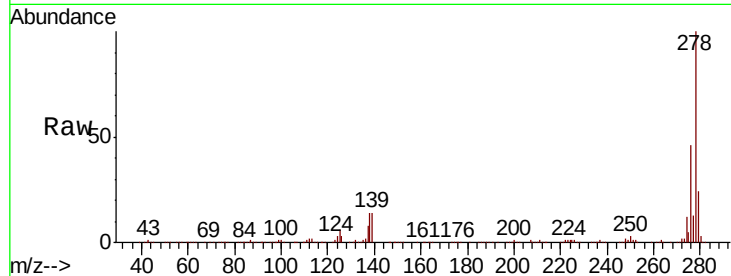
#91
Dibenzo(a,h)anthracene
Concen: 51.034 ng
RT: 17.08 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Instrument :
BNA_F
ClientSampleId :
WCMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.2	11.7	17.5
279	23.9	19.0	28.4

Manual Integrations
APPROVED

mohammad
12/10/2019 11:47:29 AM

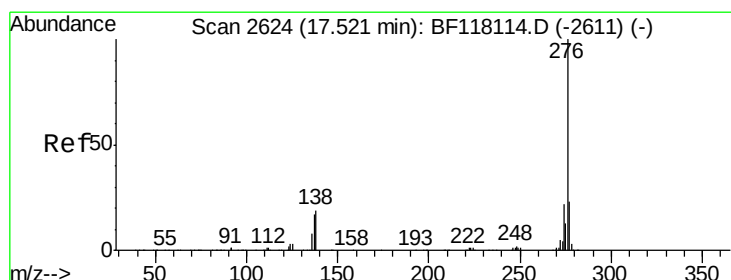
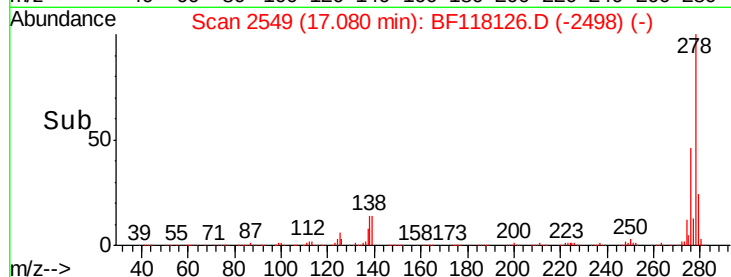
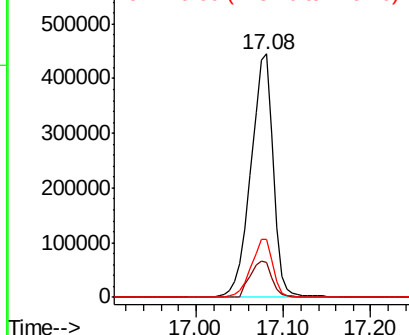


Abundance

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: 52.996 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.00 min
Lab File: BF118126.D
Acq: 7 Dec 2019 13:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.2	27.4
138	19.3	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

