

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103020\
 Data File : BF122187.D
 Acq On : 30 Oct 2020 18:44
 Operator : JU/CG
 Sample : L4554-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Oct 31 02:51:35 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 30 10:16:54 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

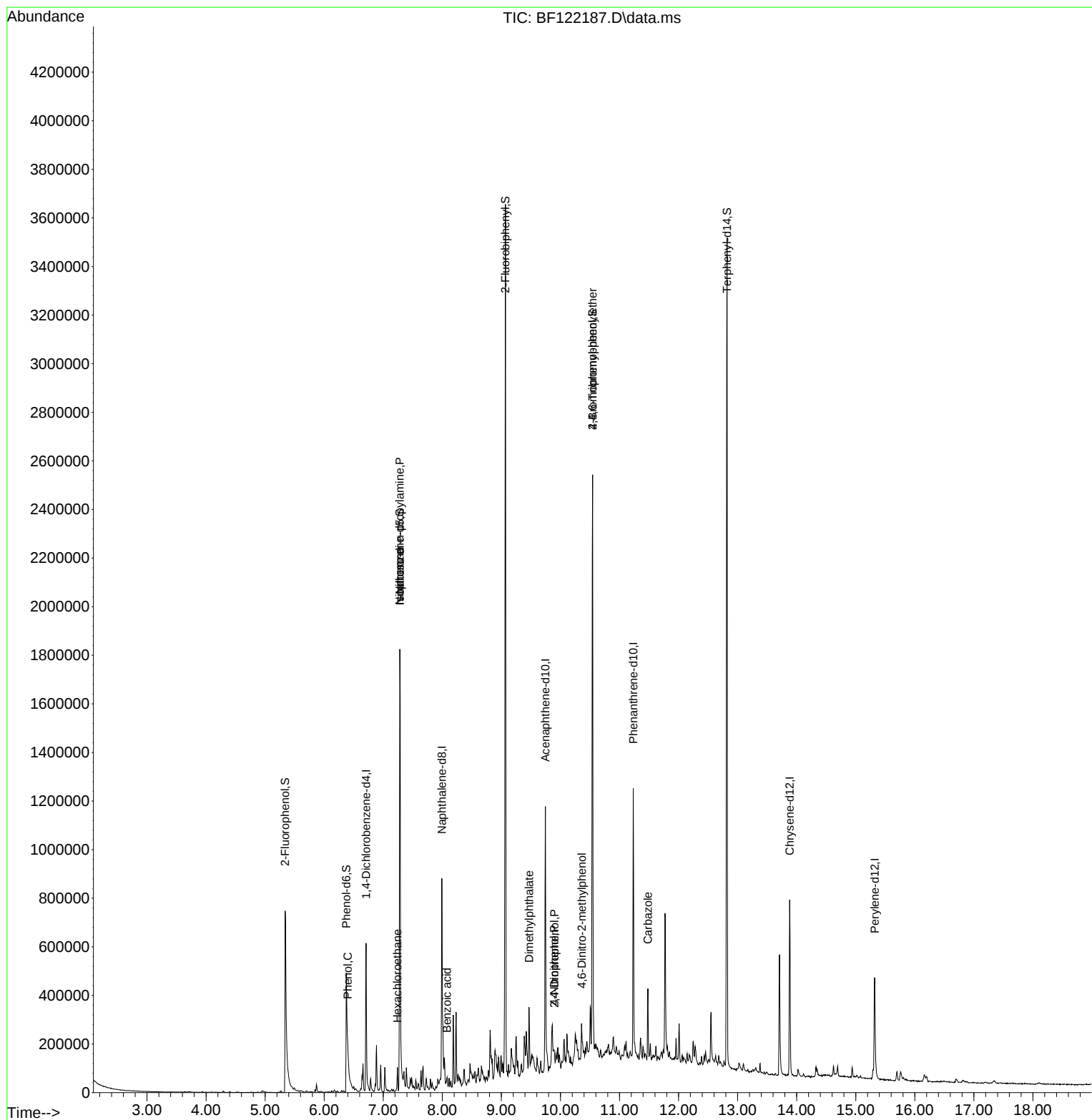
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	98189	20.00	ng	0.00
21) Naphthalene-d8	7.992	136	384212	20.00	ng	0.00
39) Acenaphthene-d10	9.745	164	197118	20.00	ng	0.00
64) Phenanthrene-d10	11.233	188	365486	20.00	ng	0.00
76) Chrysene-d12	13.880	240	256843	20.00	ng	0.00
86) Perylene-d12	15.321	264	207804	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	368423	55.38	ng	0.00
7) Phenol-d6	6.375	99	281335	32.85	ng	0.00
23) Nitrobenzene-d5	7.281	82	686945	91.69	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	329506	135.13	ng	0.00
45) 2-Fluorobiphenyl	9.069	172	1099620	82.08	ng	0.00
79) Terphenyl-d14	12.821	244	1096026	81.32	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.398	77	1281	Below Cal	#	1
10) Phenol	6.398	94	41544	4.70	ng	95
18) Hexachloroethane	7.239	117	17277	6.30	ng	# 16
19) n-Nitroso-di-n-propyla...	7.281	70	94290	19.34	ng	# 82
25) Isophorone	7.281	82	686945	48.49	ng	# 67
32) Benzoic acid	8.081	122	152	7.72	ng	# 1
50) Dimethylphthalate	9.469	163	91373	6.34	ng	98
54) 2,4-Dinitrophenol	9.898	184	1800	9.68	ng	# 79
56) 4-Nitrophenol	9.892	139	3950	2.02	ng	# 54
65) 4,6-Dinitro-2-methylph...	10.363	198	991	4.80	ng	# 1
67) 4-Bromophenyl-phenylether	10.545	248	18979	4.49	ng	# 1
73) Carbazole	11.480	167	118605	6.42	ng	99

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

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Misc :
ALS Vial : 10 Sample Multiplier: 1

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Response via : Initial Calibration

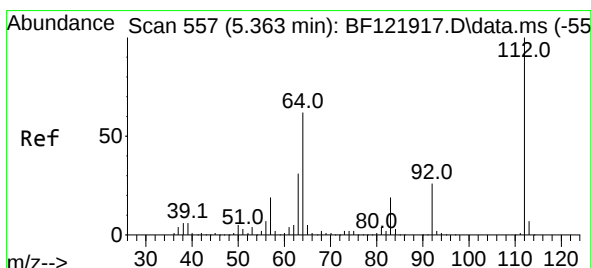
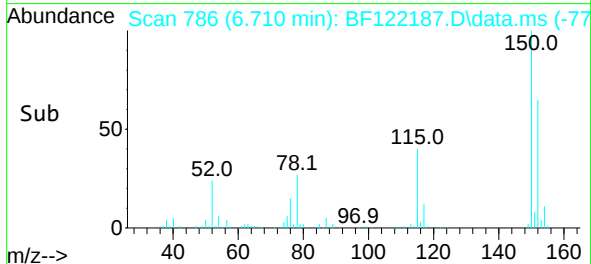
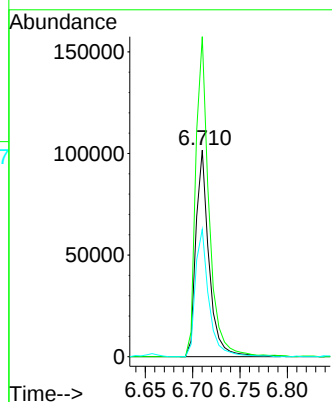
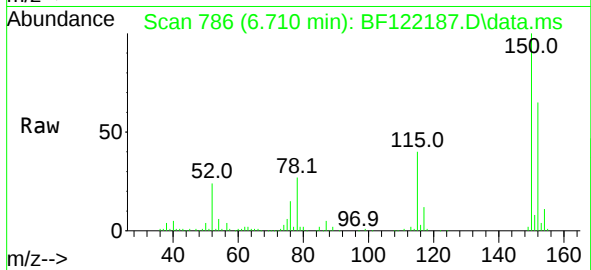




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

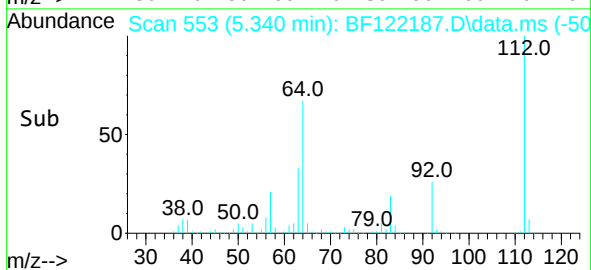
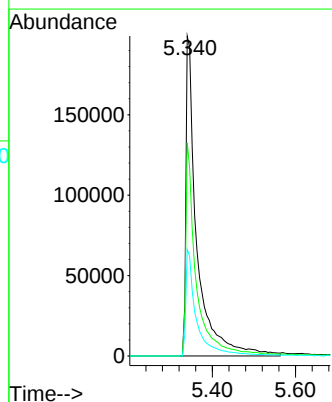
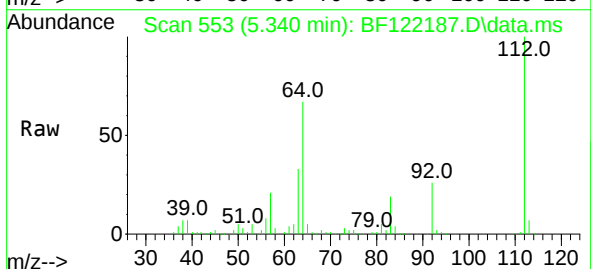
Instrument :
BNA_F
ClientSampleId :
MW-2

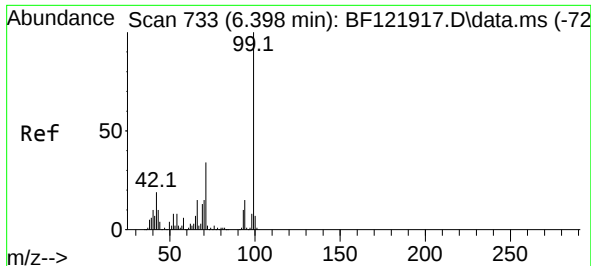
Tgt Ion:152 Resp: 98189
Ion Ratio Lower Upper
152 100
150 154.9 125.3 187.9
115 61.6 51.9 77.9



#5
2-Fluorophenol
Concen: 55.38 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:112 Resp: 368423
Ion Ratio Lower Upper
112 100
64 66.6 50.4 75.6
63 33.4 25.8 38.6

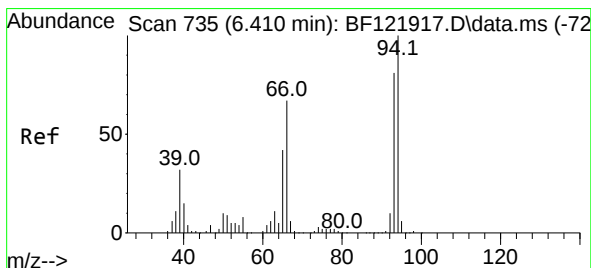
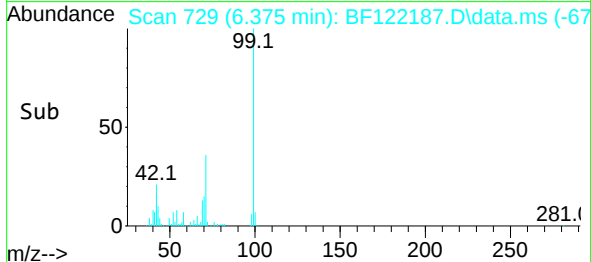
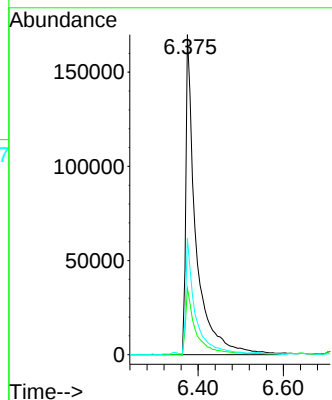
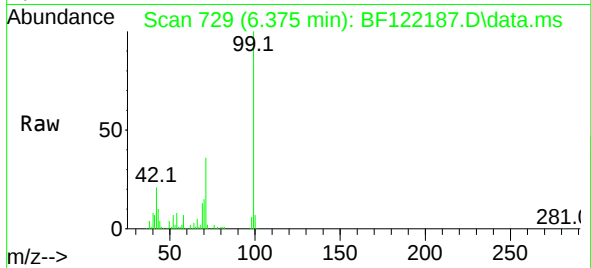




#7
Phenol-d6
Concen: 32.85 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

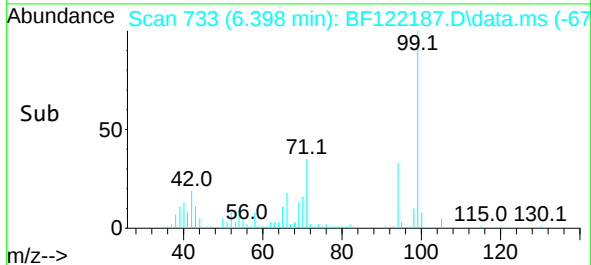
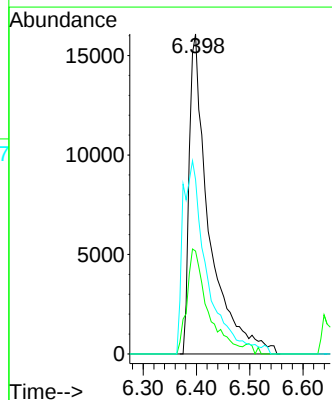
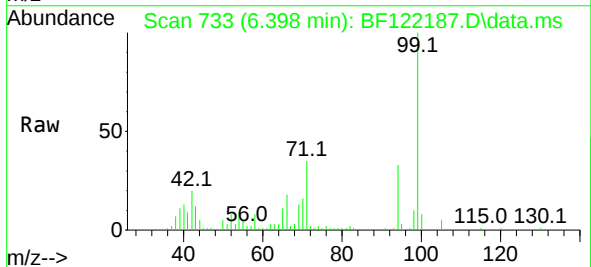
Instrument :
BNA_F
ClientSampleId :
MW-2

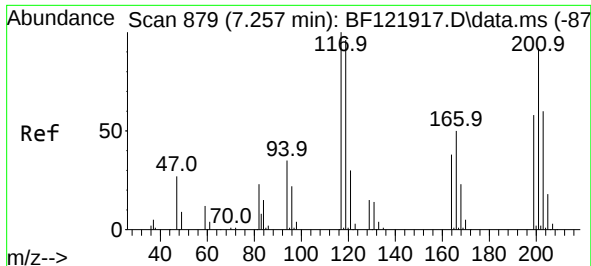
Tgt Ion: 99 Resp: 281335
Ion Ratio Lower Upper
99 100
42 20.7 15.9 23.9
71 36.4 27.1 40.7



#10
Phenol
Concen: 4.70 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.017 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion: 94 Resp: 41544
Ion Ratio Lower Upper
94 100
65 32.2 17.1 57.1
66 54.5 36.0 76.0

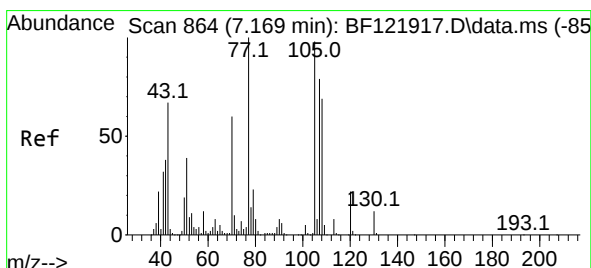
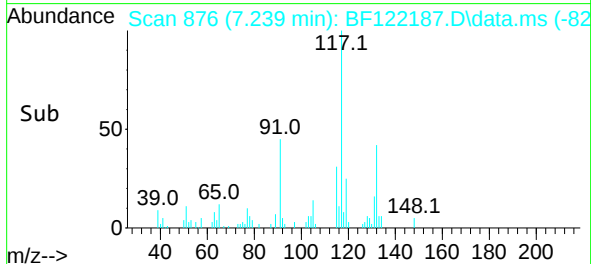
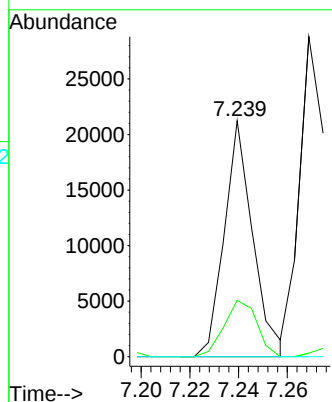
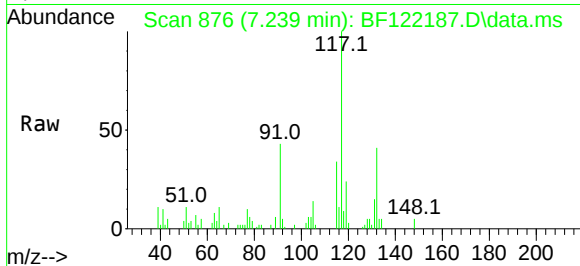




#18
Hexachloroethane
Concen: 6.30 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.018 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

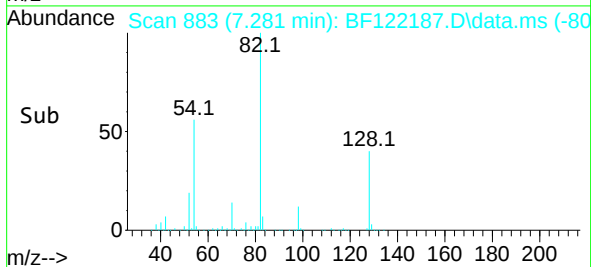
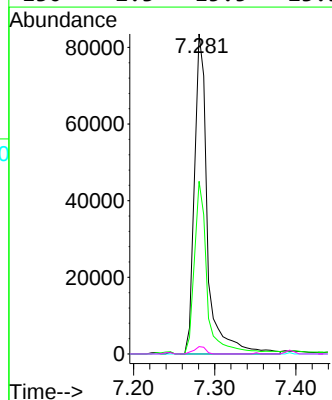
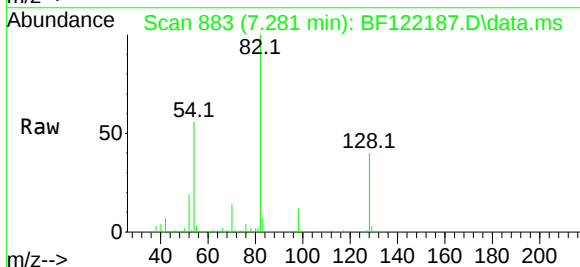
Instrument :
BNA_F
ClientSampleId :
MW-2

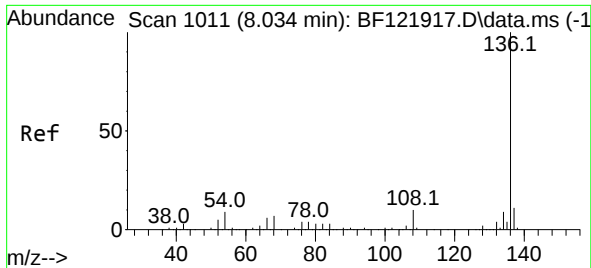
Tgt Ion:117 Resp: 17277
Ion Ratio Lower Upper
117 100
119 23.9 76.3 114.5#
201 0.0 71.8 107.6#



#19
n-Nitroso-di-n-propylamine
Concen: 19.34 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.141 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion: 70 Resp: 94290
Ion Ratio Lower Upper
70 100
42 54.0 50.2 75.4
101 0.0 7.5 11.3#
130 2.3 15.5 23.3#

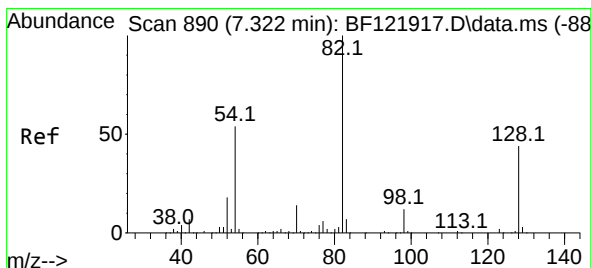
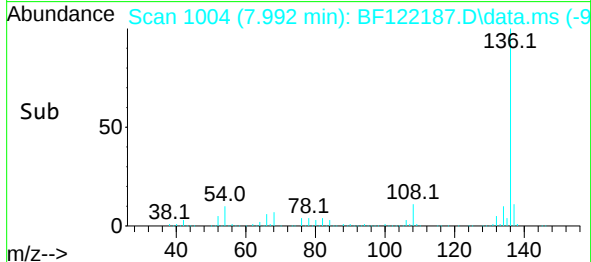
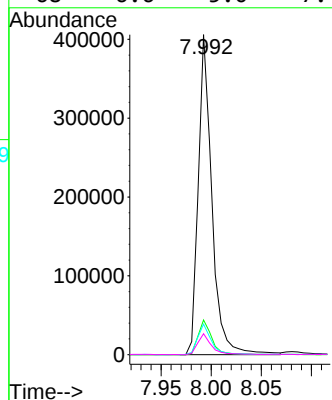
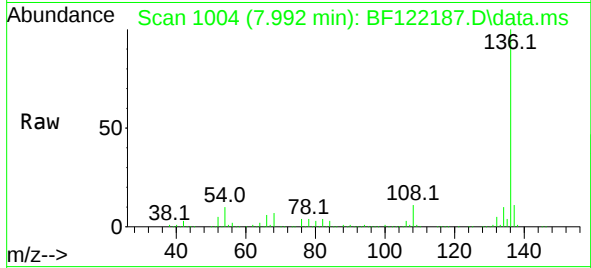




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.992 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

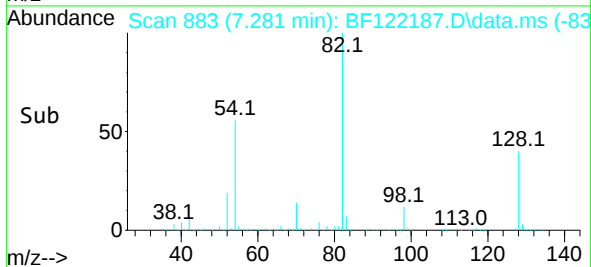
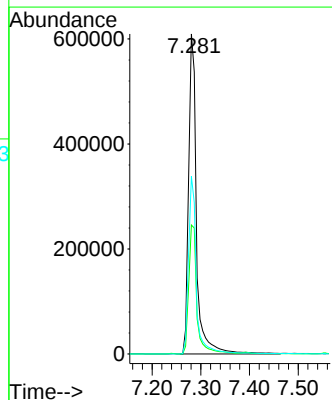
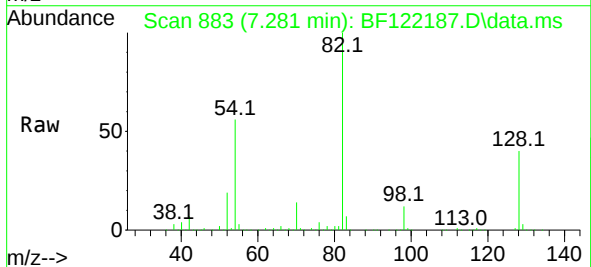
Instrument :
BNA_F
ClientSampled :
MW-2

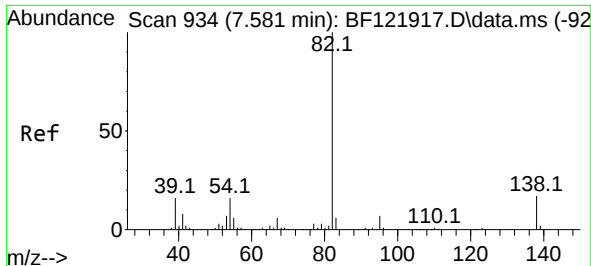
Tgt Ion:136 Resp: 384212
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.5 7.1 10.7
68 6.6 5.0 7.4



#23
Nitrobenzene-d5
Concen: 91.69 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion: 82 Resp: 686945
Ion Ratio Lower Upper
82 100
128 40.3 35.0 52.4
54 55.5 43.9 65.9

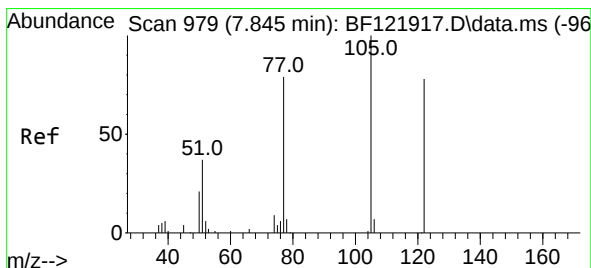
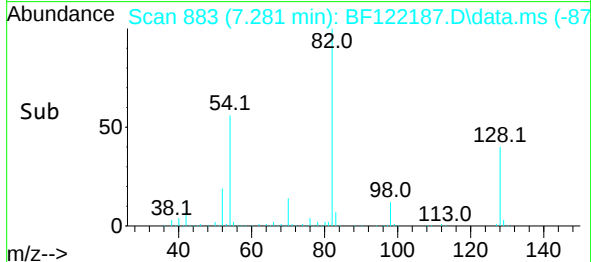
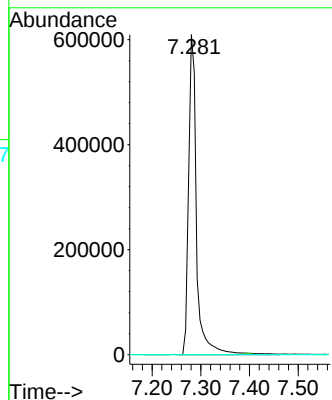
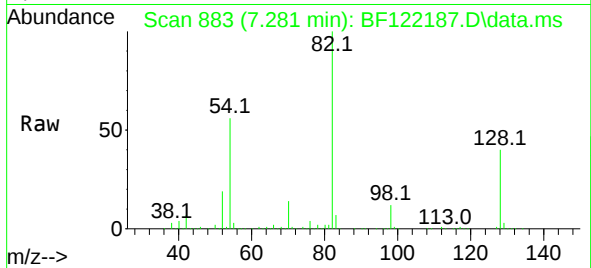




#25
Isophorone
Concen: 48.49 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.265 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

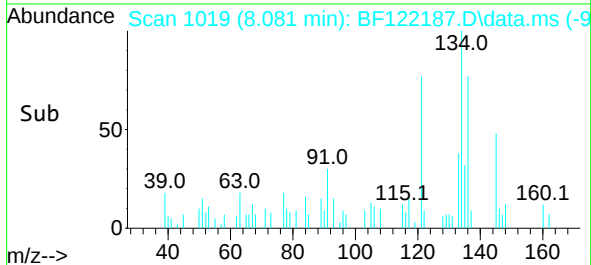
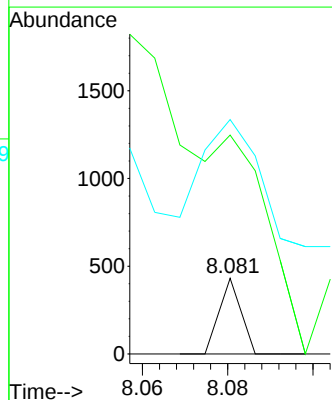
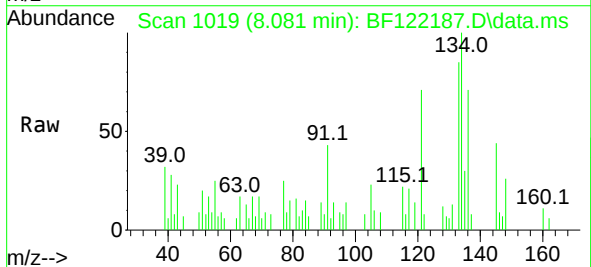
Instrument :
BNA_F
ClientSampled :
MW-2

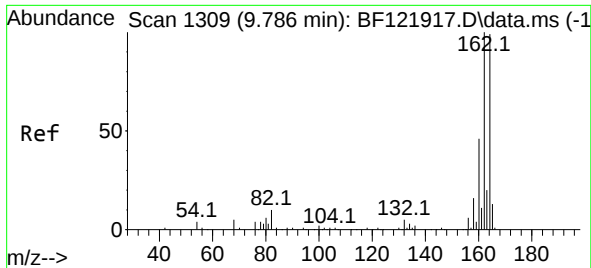
Tgt Ion: 82 Resp: 686945
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#32
Benzoic acid
Concen: 7.72 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.253 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:122 Resp: 152
Ion Ratio Lower Upper
122 100
105 289.6 103.3 143.3#
77 310.0 73.9 113.9#

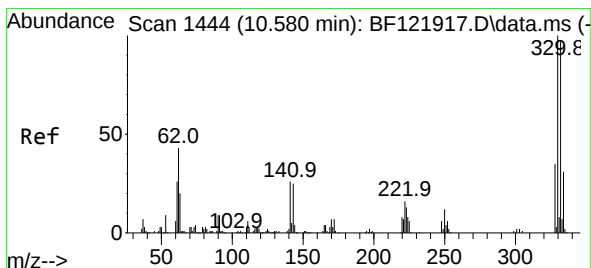
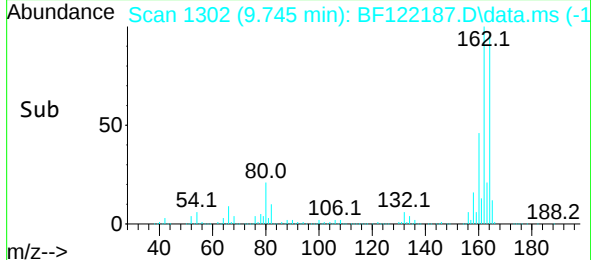
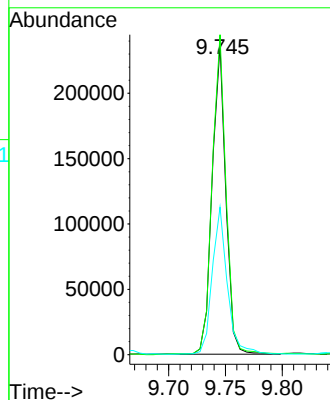
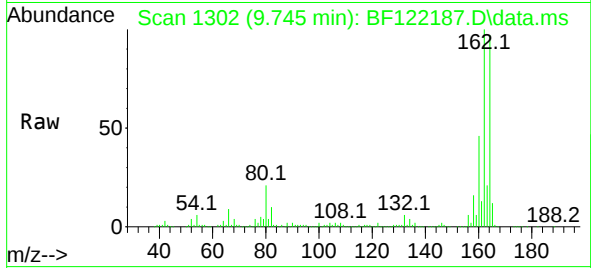




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

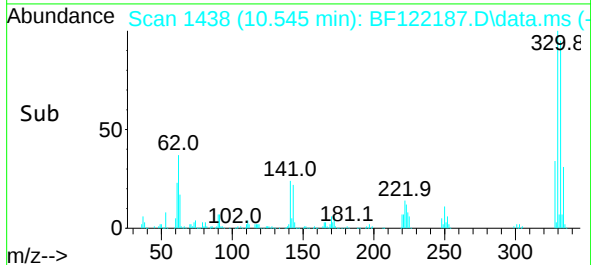
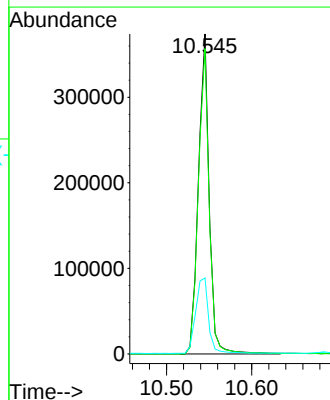
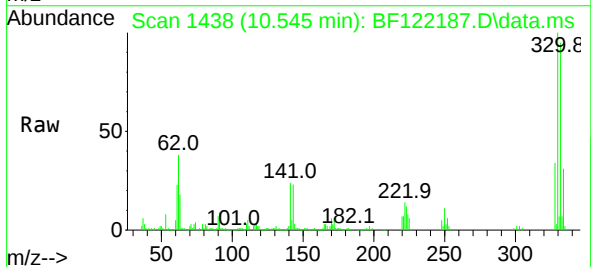
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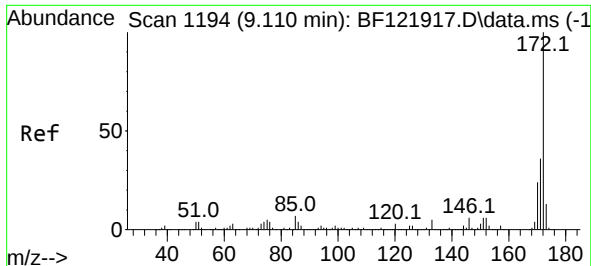
Tgt Ion:	164	Resp:	197118
Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.2	124.8
160	47.7	37.5	56.3



#42
2,4,6-Tribromophenol
Concen: 135.13 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:	330	Resp:	329506
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	28.2	22.3	33.5

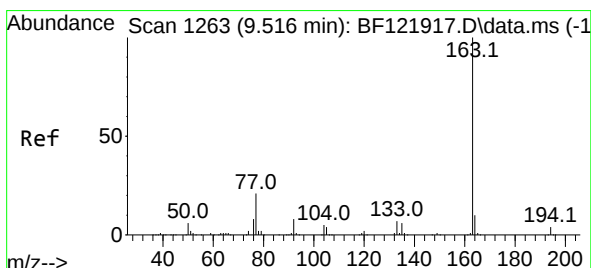
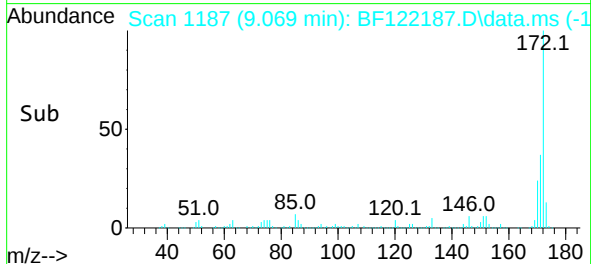
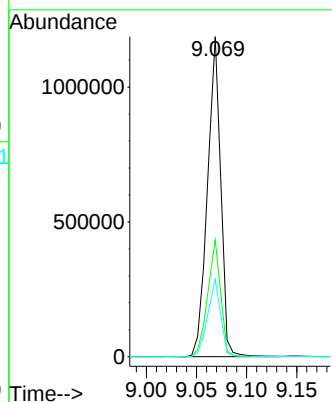
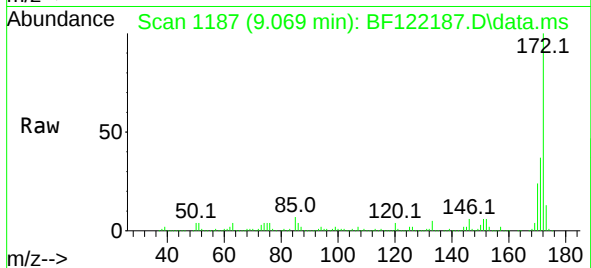




#45
2-Fluorobiphenyl
Concen: 82.08 ng
RT: 9.069 min Scan# 1187
Delta R.T. -0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

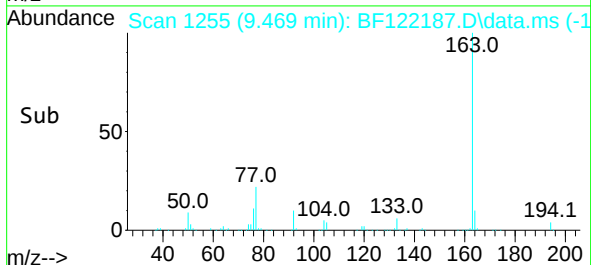
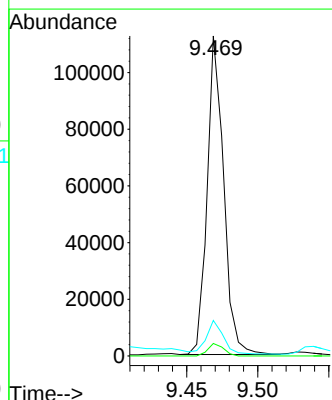
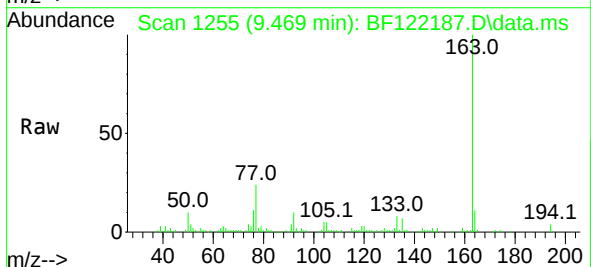
Instrument :
BNA_F
ClientSampleId :
MW-2

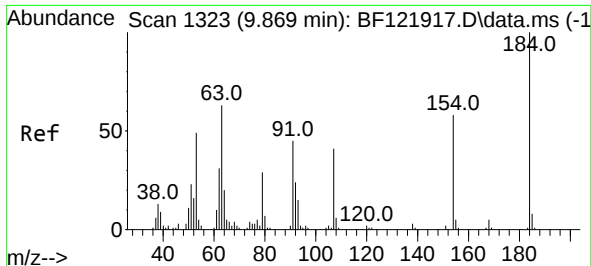
Tgt Ion:172 Resp: 1099620
Ion Ratio Lower Upper
172 100
171 36.5 29.1 43.7
170 24.2 19.8 29.6



#50
Dimethylphthalate
Concen: 6.34 ng
RT: 9.469 min Scan# 1255
Delta R.T. -0.012 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:163 Resp: 91373
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 11.1 8.2 12.4

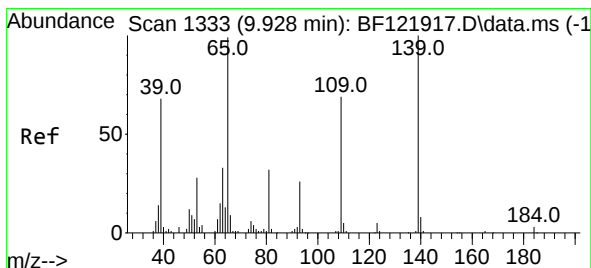
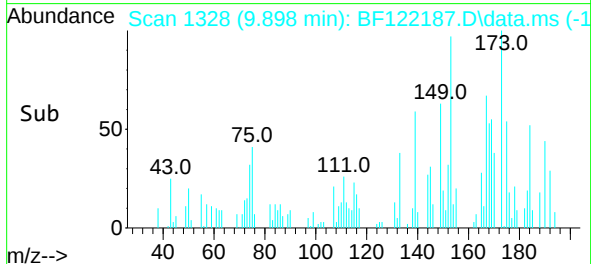
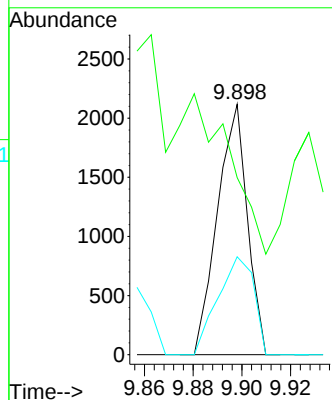
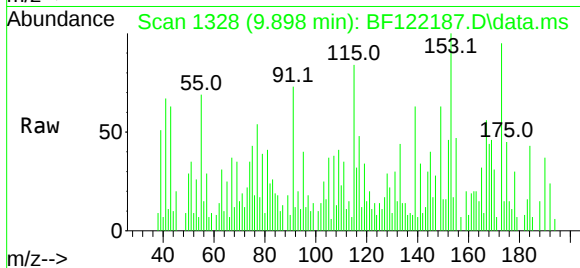




#54
2,4-Dinitrophenol
Concen: 9.68 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.053 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

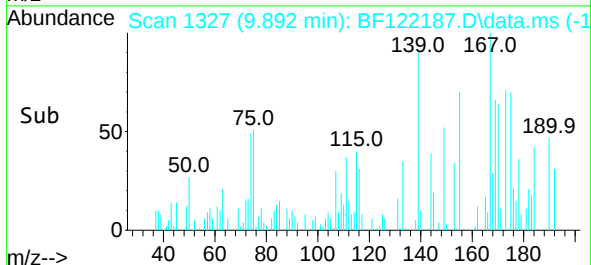
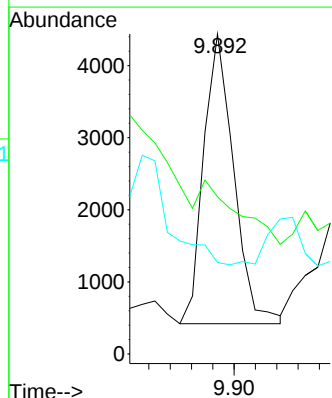
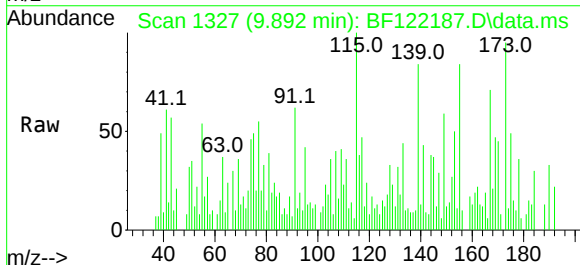
Instrument :
BNA_F
ClientSampleId :
MW-2

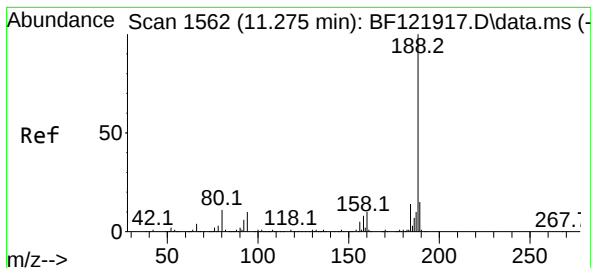
Tgt Ion:184 Resp: 1800
Ion Ratio Lower Upper
184 100
63 70.8 45.9 68.9#
154 39.1 45.8 68.6#



#56
4-Nitrophenol
Concen: 2.02 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:139 Resp: 3950
Ion Ratio Lower Upper
139 100
109 49.1 45.4 85.4
65 28.6 68.4 108.4#

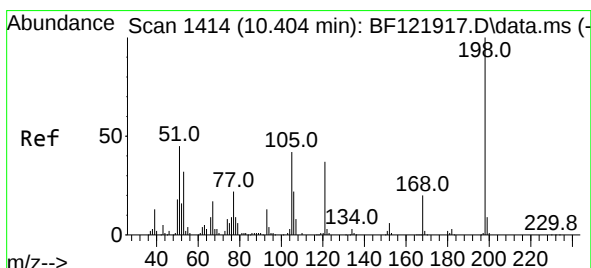
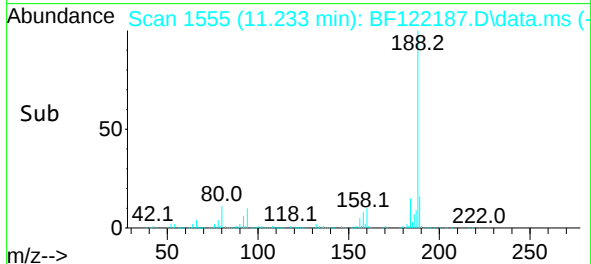
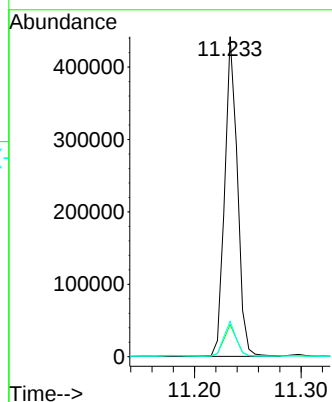
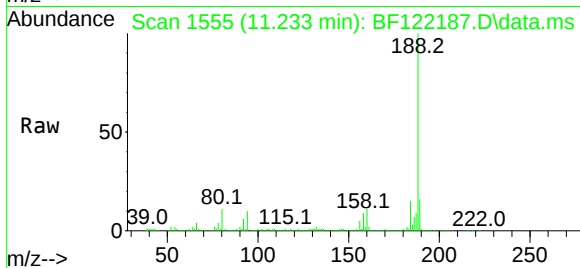




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.233 min Scan# 1555
Delta R.T. -0.000 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

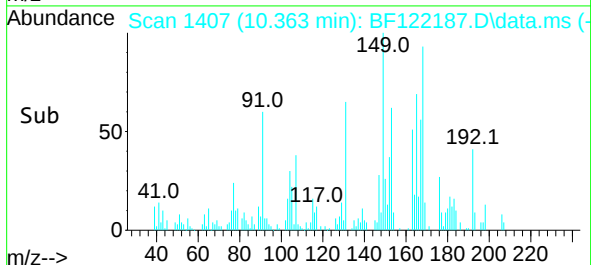
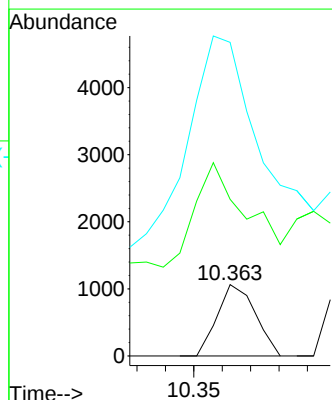
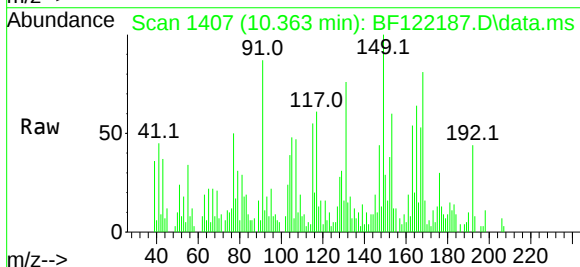
Instrument :
BNA_F
ClientSampleId :
MW-2

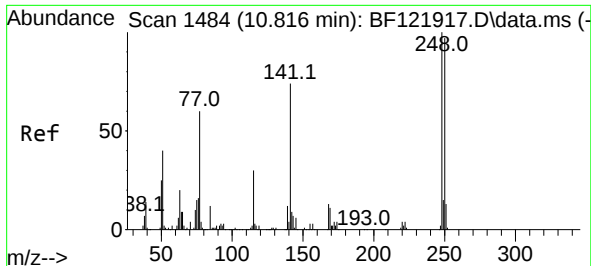
Tgt Ion:188 Resp: 365486
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 11.1 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 4.80 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:198 Resp: 991
Ion Ratio Lower Upper
198 100
51 219.8 29.6 69.6#
105 439.8 24.4 64.4#

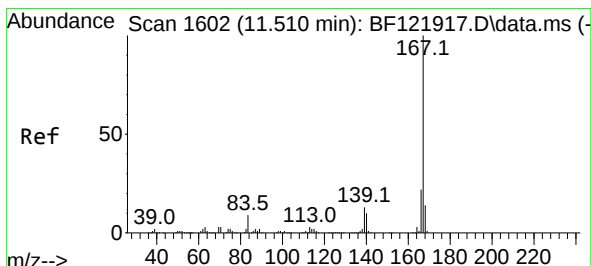
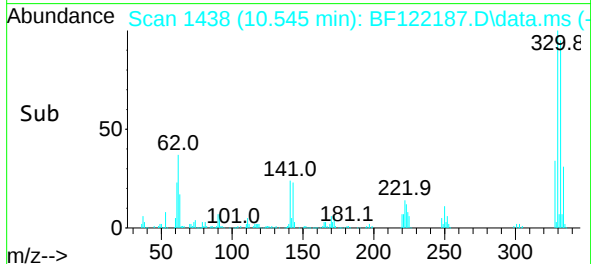
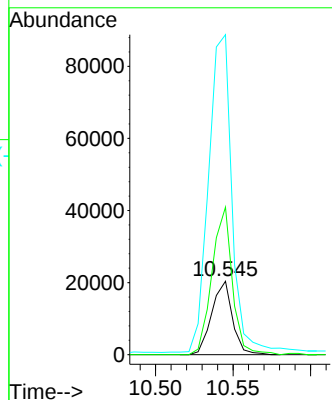
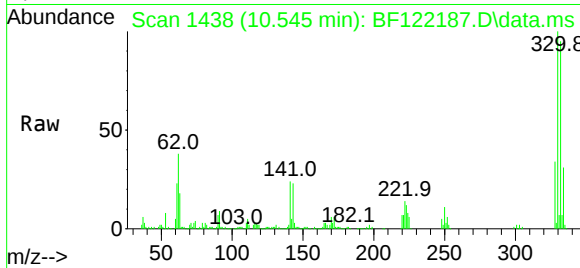




#67
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.230 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

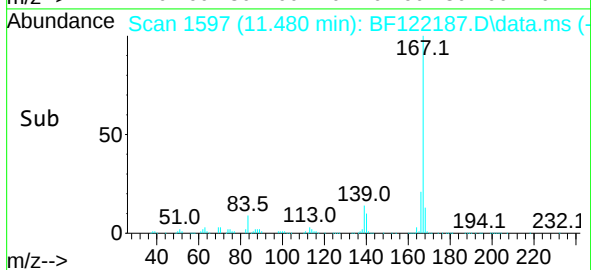
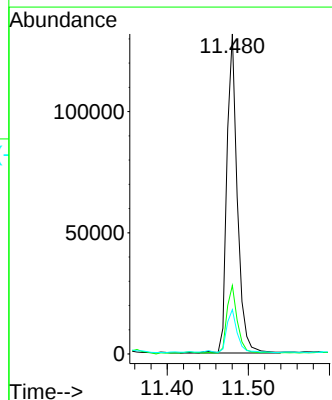
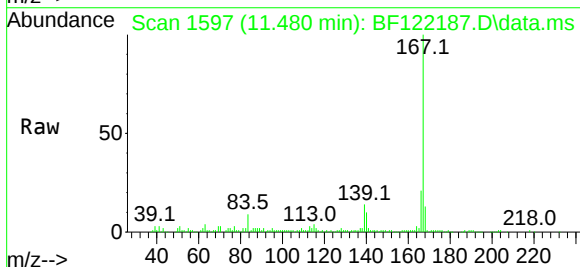
Instrument :
BNA_F
ClientSampled :
MW-2

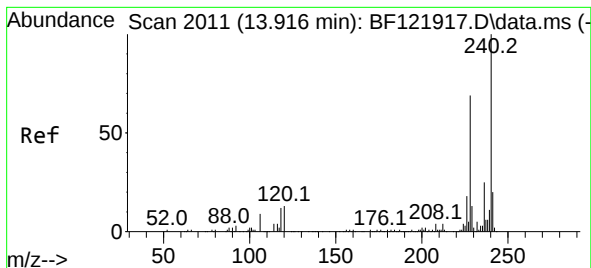
Tgt Ion:248 Resp: 18979
Ion Ratio Lower Upper
248 100
250 200.7 77.0 115.6#
141 435.3 53.7 80.5#



#73
Carbazole
Concen: 6.42 ng
RT: 11.480 min Scan# 1597
Delta R.T. 0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:167 Resp: 118605
Ion Ratio Lower Upper
167 100
166 21.4 17.8 26.6
139 13.8 10.8 16.2

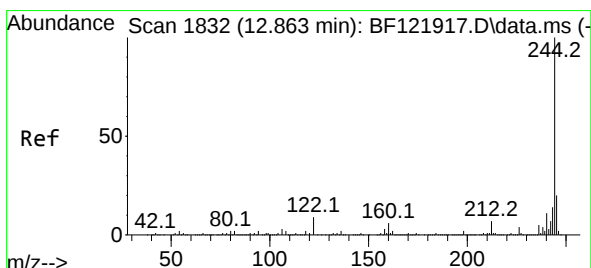
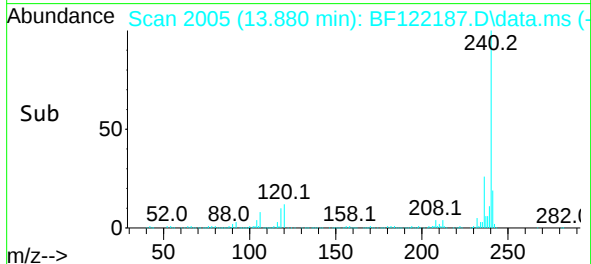
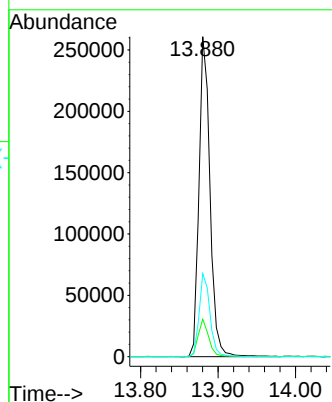
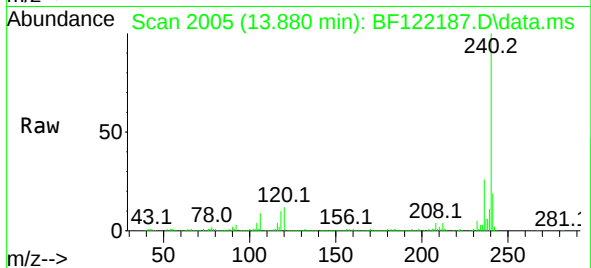




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.000 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

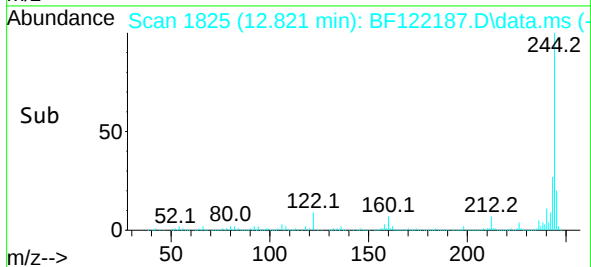
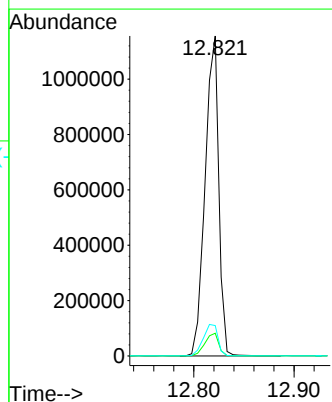
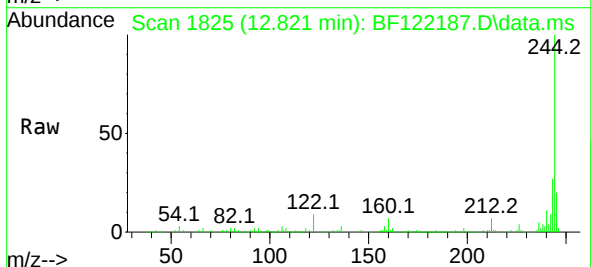
Instrument :
BNA_F
ClientSampleId :
MW-2

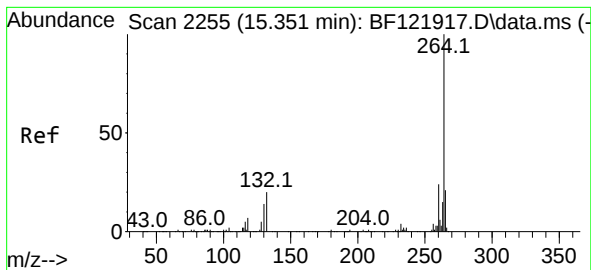
Tgt Ion:240 Resp: 256843
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 81.32 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Tgt Ion:244 Resp: 1096026
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 9.5 8.1 12.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.321 min Scan# 2250
Delta R.T. 0.018 min
Lab File: BF122187.D
Acq: 30 Oct 2020 18:44

Instrument :
BNA_F
ClientSampleId :
MW-2

Tgt Ion:264 Resp: 207804

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	21.7	17.3	25.9

