

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112520\
 Data File : BF122479.D
 Acq On : 25 Nov 2020 12:12
 Operator : JU/CG
 Sample : L4801-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-WW

Quant Time: Nov 25 12:39:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 24 14:38:56 2020
 Response via : Initial Calibration

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

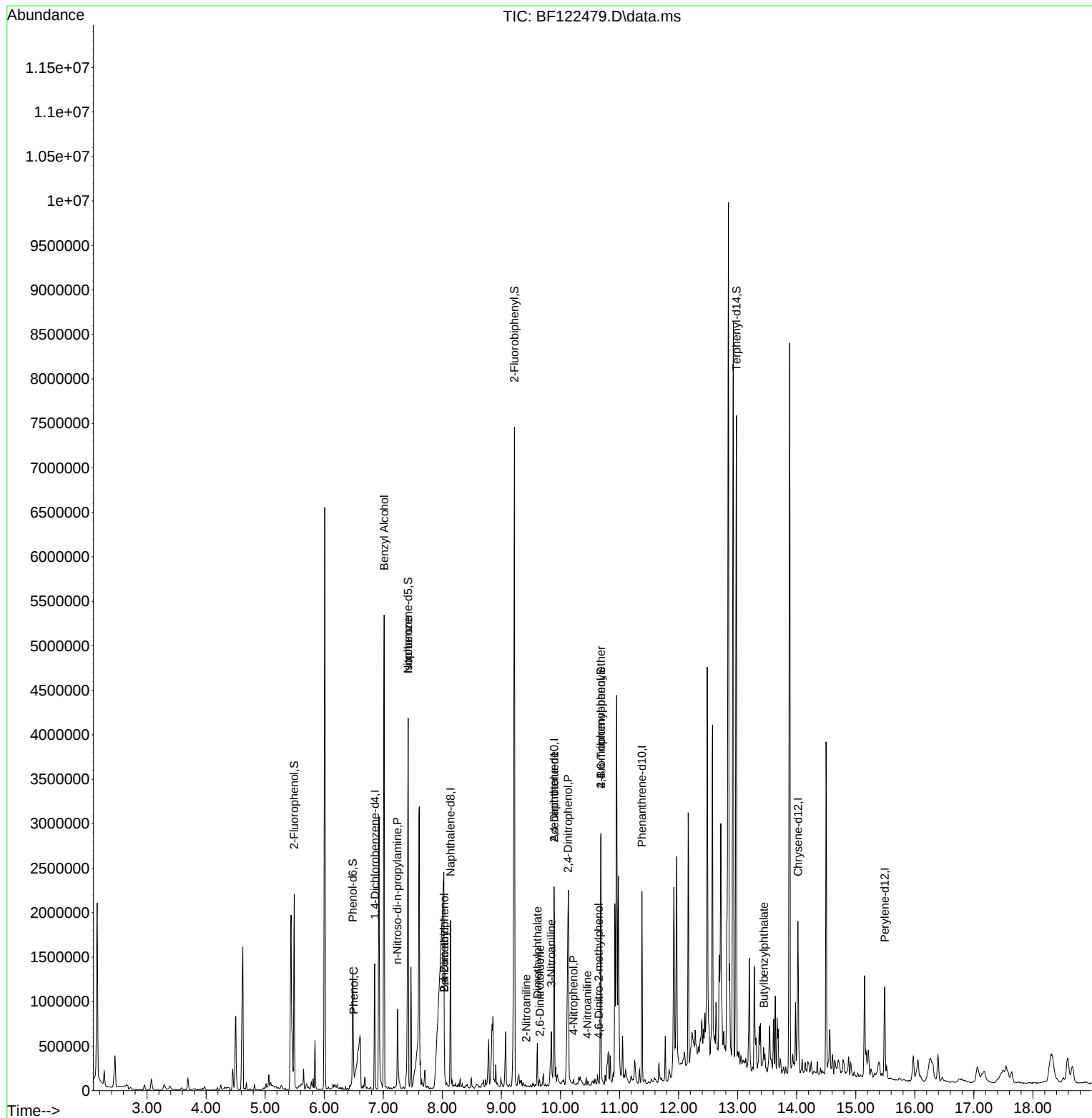
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	206888	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	774391	20.00	ng	0.00
39) Acenaphthene-d10	9.892	164	411624	20.00	ng	-0.01
64) Phenanthrene-d10	11.380	188	741436	20.00	ng	0.00
76) Chrysene-d12	14.021	240	545069	20.00	ng	-0.01
86) Perylene-d12	15.492	264	485732	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	545259	40.47	ng	0.01
7) Phenol-d6	6.486	99	456759	25.91	ng	-0.01
23) Nitrobenzene-d5	7.422	82	1499462	118.54	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	383798	86.87	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	2507686	95.19	ng	0.00
79) Terphenyl-d14	12.980	244	2982088	115.90	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.398	77	1132	Below Cal	#	73
10) Phenol	6.498	94	51844	2.99	ng	79
15) Benzyl Alcohol	7.016	79	27247	2.17	ng	# 52
19) n-Nitroso-di-n-propyla...	7.239	70	80241	7.62	ng	# 72
25) Isophorone	7.422	82	1483618	52.61	ng	# 67
27) 2,4-Dimethylphenol	8.033	122	60424	4.54	ng	# 5
32) Benzoic acid	8.033	122	60812	14.85	ng	87
48) 2-Nitroaniline	9.422	65	916	5.27	ng	# 6
50) Dimethylphthalate	9.610	163	181718	6.21	ng	99
51) 2,6-Dinitrotoluene	9.651	165	4118	4.40	ng	# 23
53) 3-Nitroaniline	9.845	138	3519	4.00	ng	# 1
54) 2,4-Dinitrophenol	10.127	184	246	6.49	ng	# 6
56) 4-Nitrophenol	10.221	139	1438	5.62	ng	87
57) 2,4-Dinitrotoluene	9.892	165	53651	10.61	ng	# 21
62) 4-Nitroaniline	10.457	138	479	3.44	ng	# 47
65) 4,6-Dinitro-2-methylph...	10.651	198	120	6.19	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	25069	2.88	ng	# 1
80) Butylbenzylphthalate	13.445	149	3492	3.50	ng	# 85

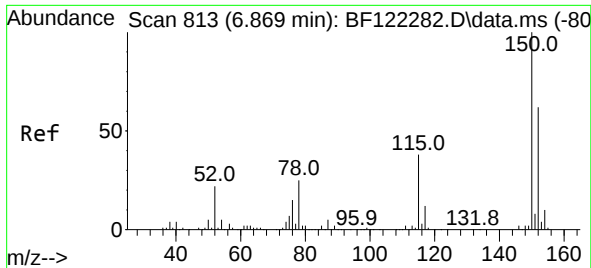
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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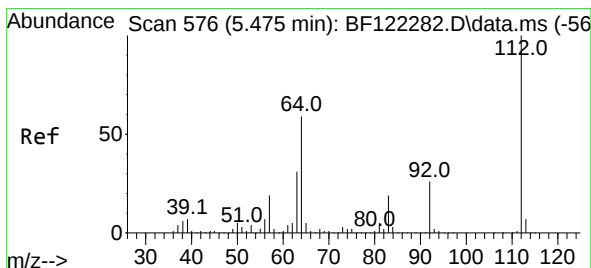
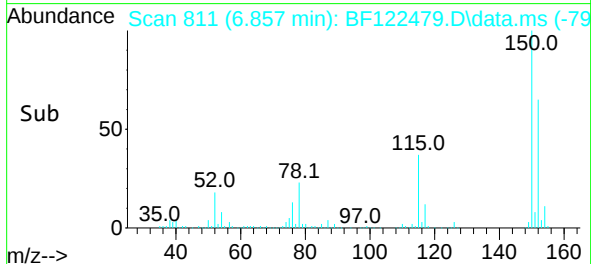
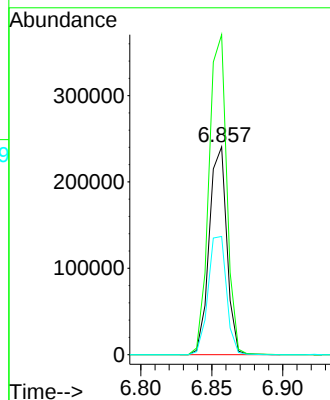
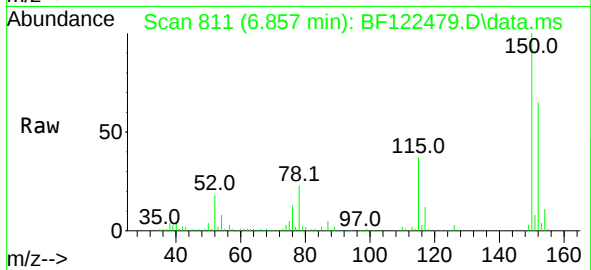




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

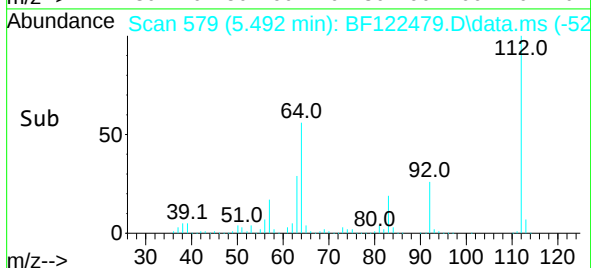
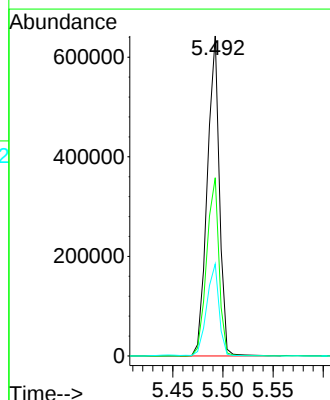
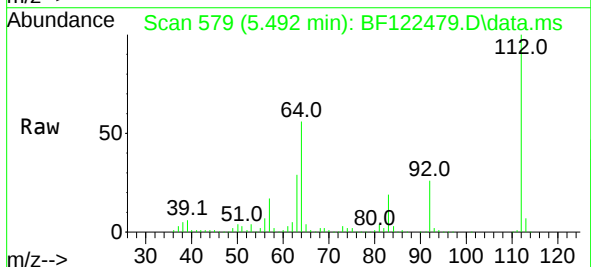
Instrument :
BNA_F
ClientSampleId :
EFF-WW

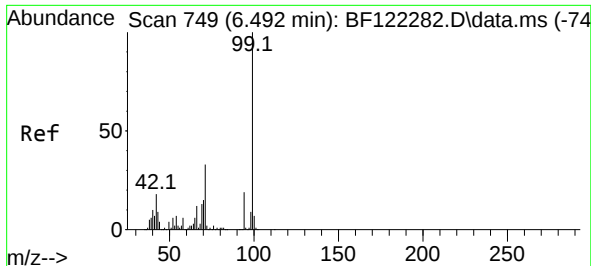
Tgt Ion:152 Resp: 206888
Ion Ratio Lower Upper
152 100
150 154.0 125.3 187.9
115 56.9 51.9 77.9



#5
2-Fluorophenol
Concen: 40.47 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion:112 Resp: 545259
Ion Ratio Lower Upper
112 100
64 55.7 50.4 75.6
63 28.7 25.8 38.6

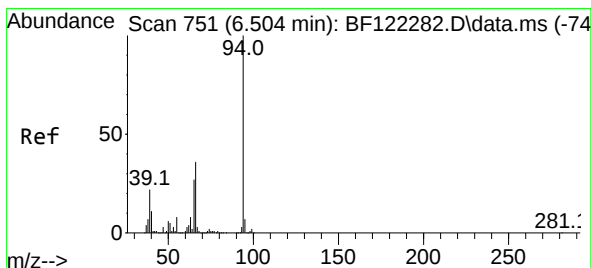
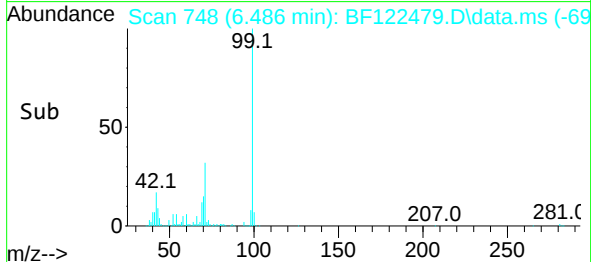
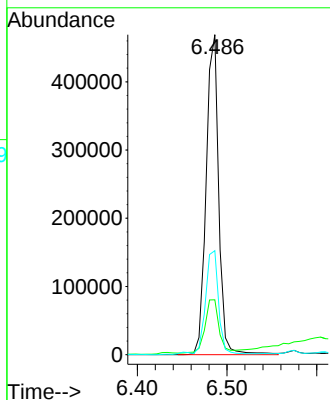
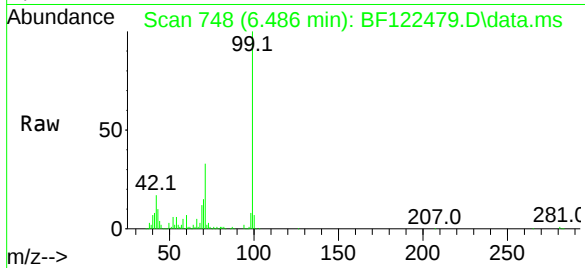




#7
Phenol-d6
Concen: 25.91 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

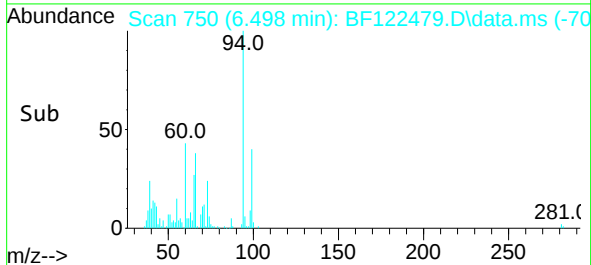
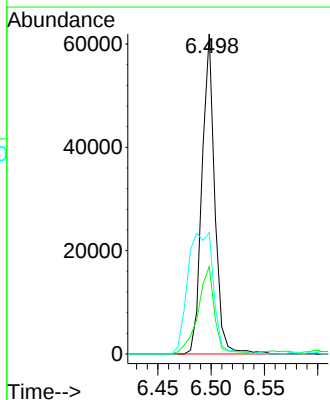
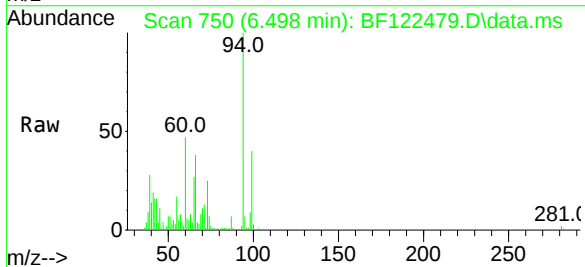
Instrument :
BNA_F
ClientSampleId :
EFF-WW

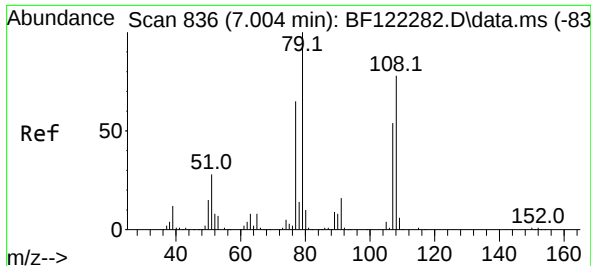
Tgt Ion: 99 Resp: 456759
Ion Ratio Lower Upper
99 100
42 17.1 15.9 23.9
71 32.5 27.1 40.7



#10
Phenol
Concen: 2.99 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion: 94 Resp: 51844
Ion Ratio Lower Upper
94 100
65 27.3 17.1 57.1
66 37.9 36.0 76.0





#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 7.016 min Scan# 838

Delta R.T. 0.012 min

Lab File: BF122479.D

Acq: 25 Nov 2020 12:12

Tgt Ion: 79 Resp: 27247

Ion Ratio Lower Upper

79 100

108 33.2 62.3 93.5#

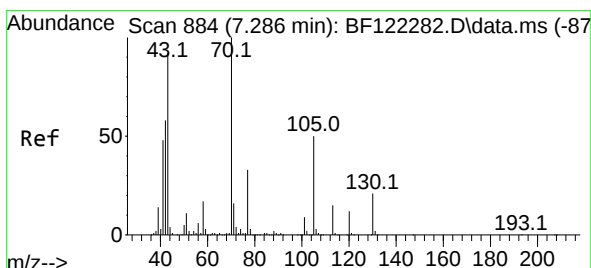
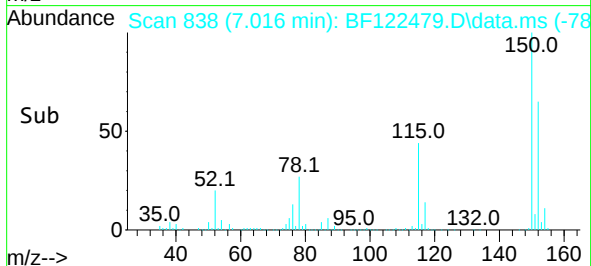
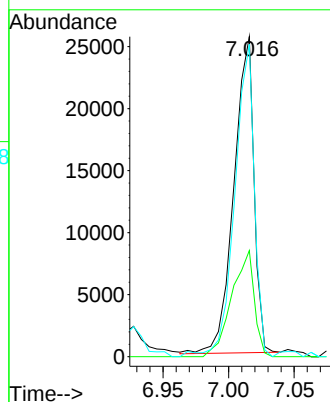
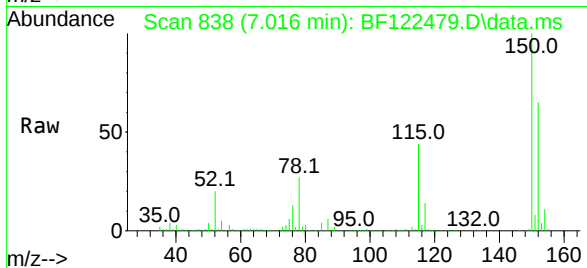
77 97.6 50.6 75.8#

Instrument :

BNA_F

ClientSampleId :

EFF-WW



#19

n-Nitroso-di-n-propylamine

Concen: 7.62 ng

RT: 7.239 min Scan# 876

Delta R.T. -0.041 min

Lab File: BF122479.D

Acq: 25 Nov 2020 12:12

Tgt Ion: 70 Resp: 80241

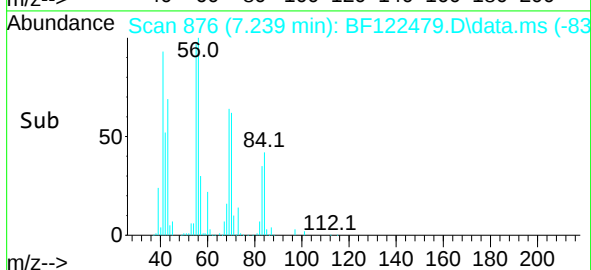
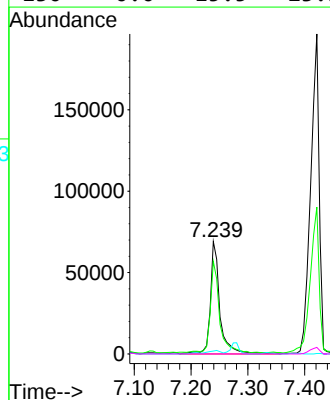
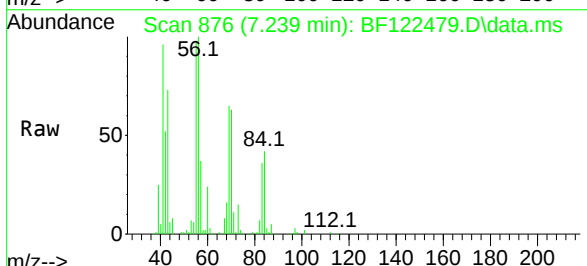
Ion Ratio Lower Upper

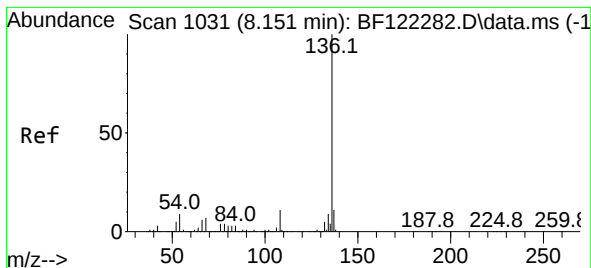
70 100

42 82.2 50.2 75.4#

101 2.6 7.5 11.3#

130 0.0 15.5 23.3#



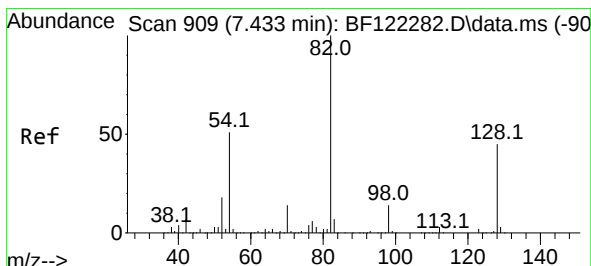
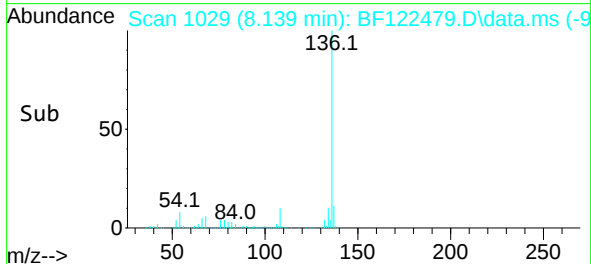
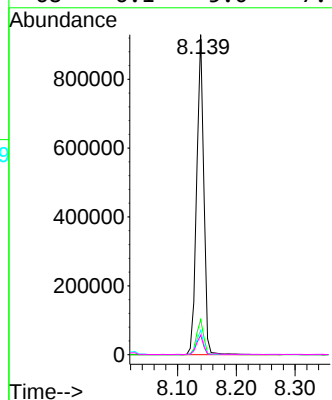
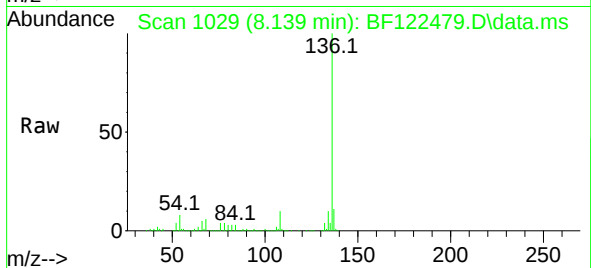


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:136 Resp: 774391

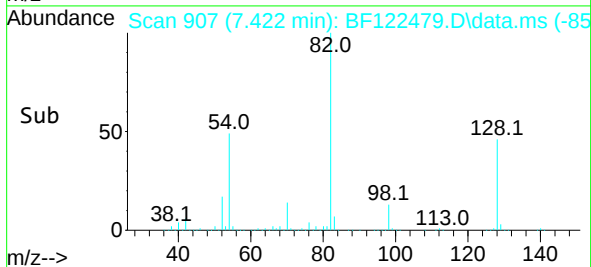
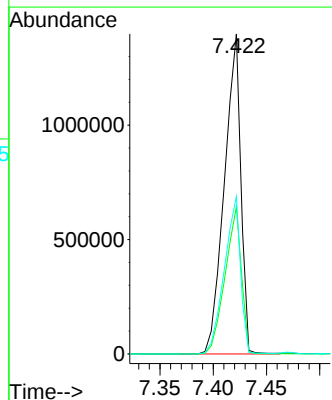
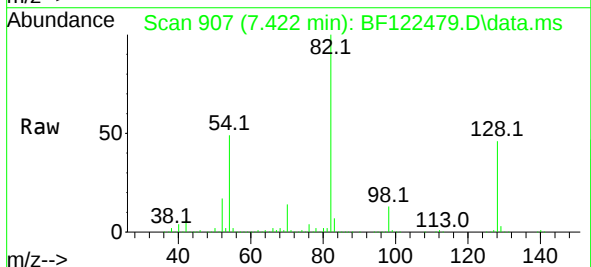
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.6	7.1	10.7
68	6.1	5.0	7.4

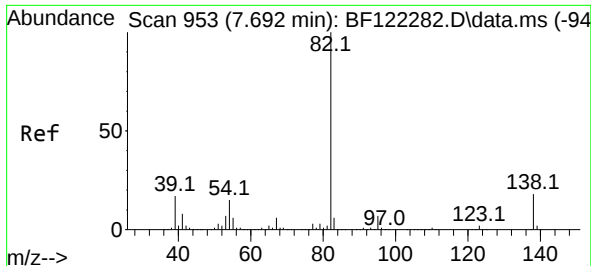


#23
Nitrobenzene-d5
Concen: 118.54 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion: 82 Resp: 1499462

Ion	Ratio	Lower	Upper
82	100		
128	46.0	35.0	52.4
54	49.2	43.9	65.9

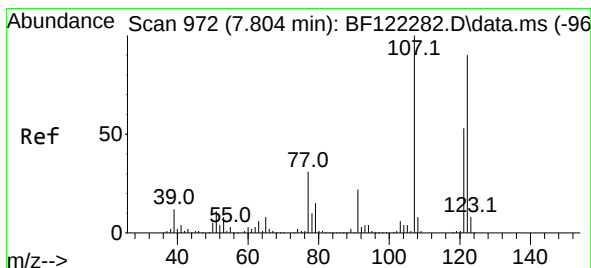
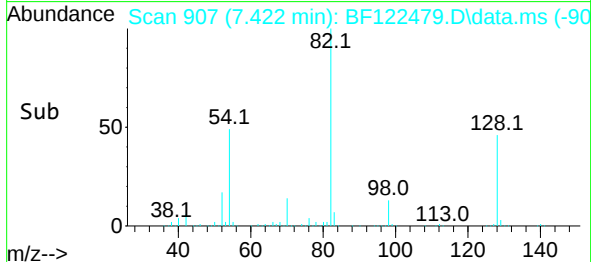
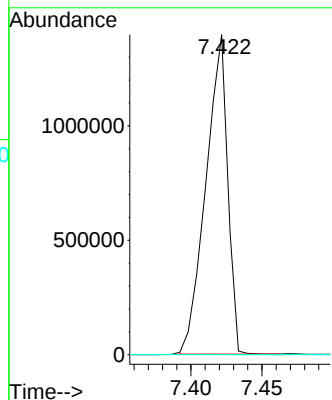
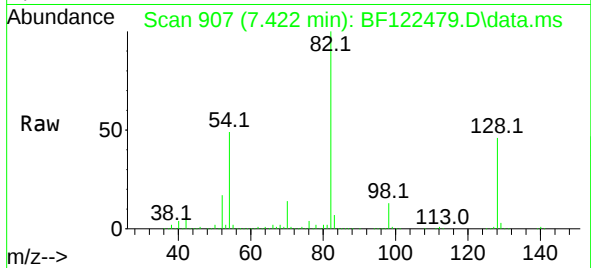




#25
Isophorone
Concen: 52.61 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.265 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

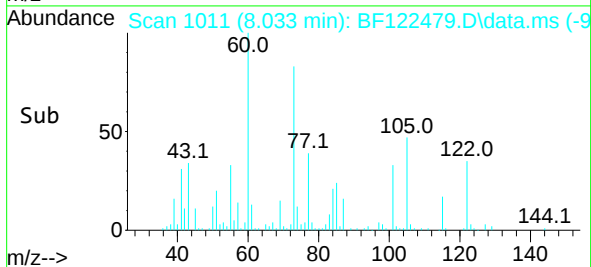
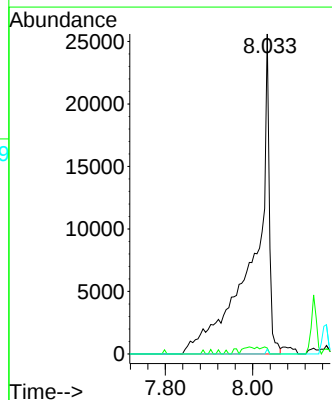
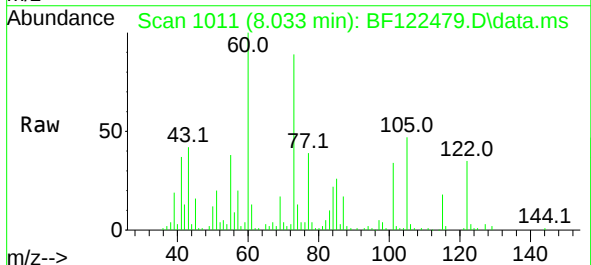
Instrument :
BNA_F
ClientSampleId :
EFF-WW

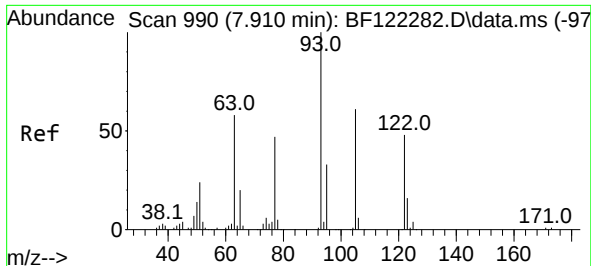
Tgt Ion: 82 Resp: 1483618
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 13.4 20.0#



#27
2,4-Dimethylphenol
Concen: 4.54 ng
RT: 8.033 min Scan# 1011
Delta R.T. 0.235 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion:122 Resp: 60424
Ion Ratio Lower Upper
122 100
107 1.8 90.8 136.2#
121 1.5 47.5 71.3#

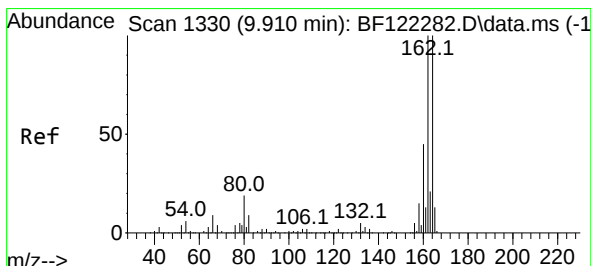
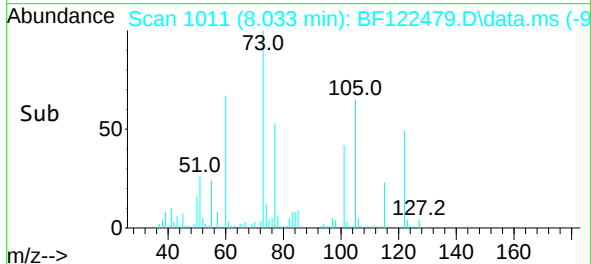
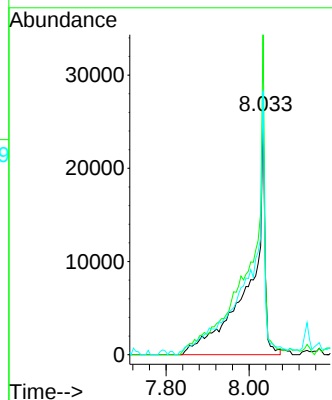
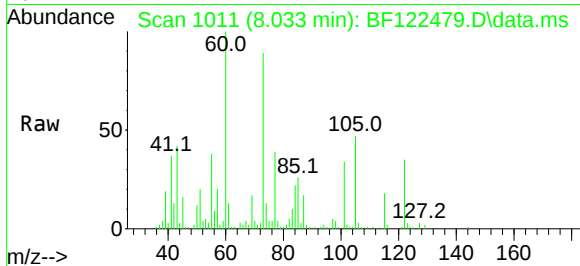




#32
Benzoic acid
Concen: 14.85 ng
RT: 8.033 min Scan# 1011
Delta R.T. 0.100 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

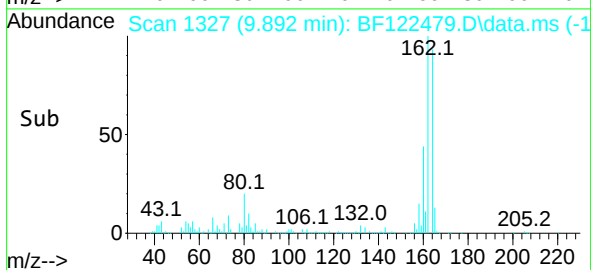
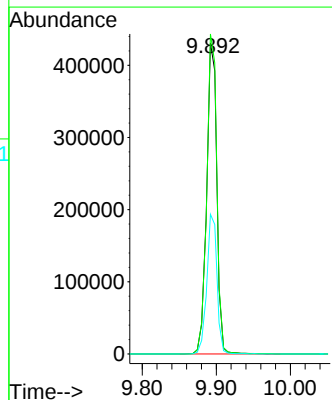
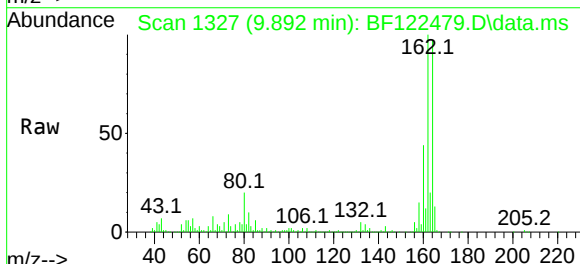
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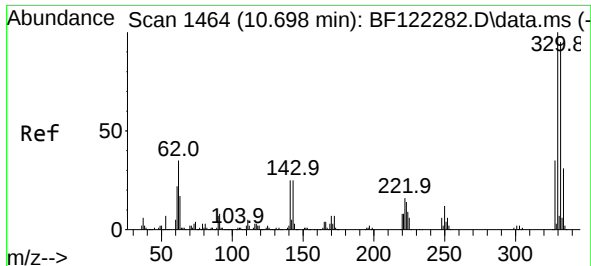
Tgt Ion:122 Resp: 60812
Ion Ratio Lower Upper
122 100
105 134.1 103.3 143.3
77 110.6 73.9 113.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion:164 Resp: 411624
Ion Ratio Lower Upper
164 100
162 102.9 83.2 124.8
160 44.9 37.5 56.3

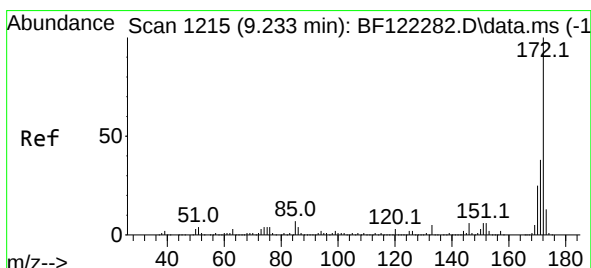
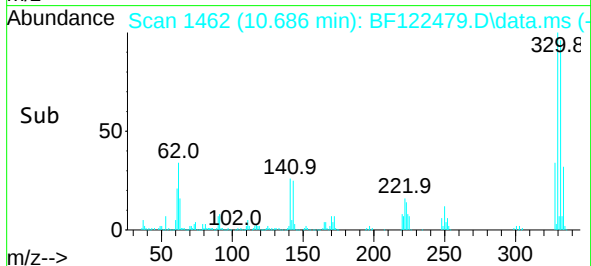
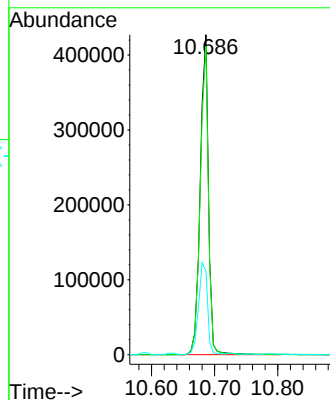
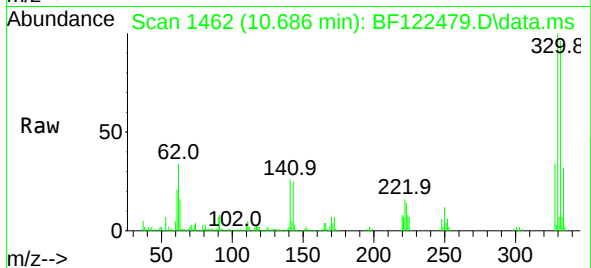




#42
2,4,6-Tribromophenol
Concen: 86.87 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

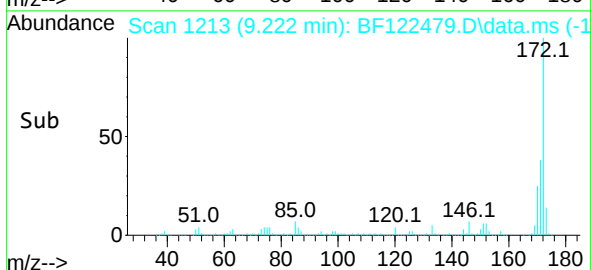
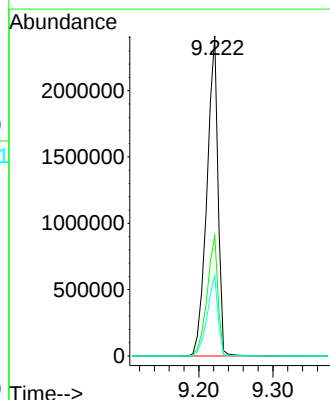
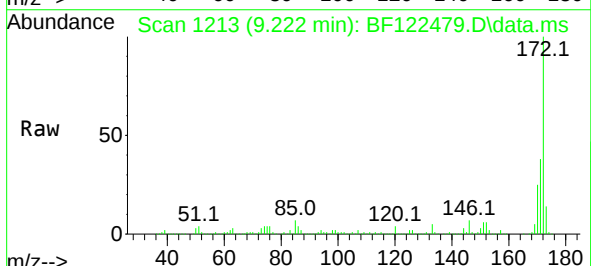
Instrument :
BNA_F
ClientSampleId :
EFF-WW

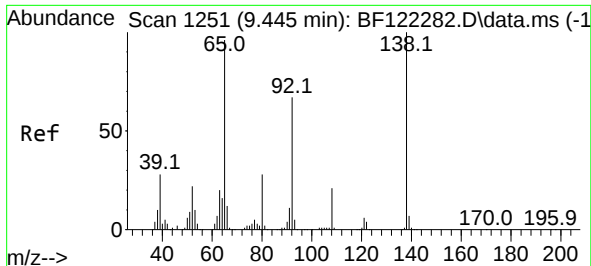
Tgt Ion:330 Resp: 383798
Ion Ratio Lower Upper
330 100
332 96.1 77.3 115.9
141 31.0 22.3 33.5



#45
2-Fluorobiphenyl
Concen: 95.19 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.000 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion:172 Resp: 2507686
Ion Ratio Lower Upper
172 100
171 37.6 29.1 43.7
170 25.1 19.8 29.6

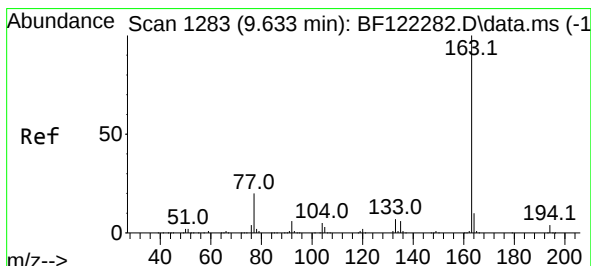
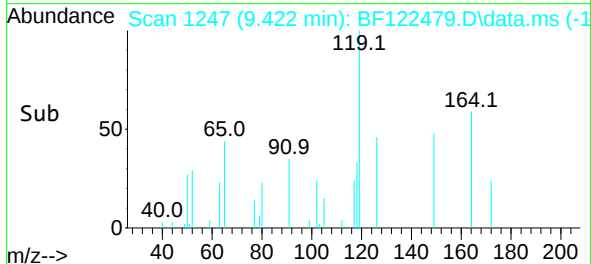
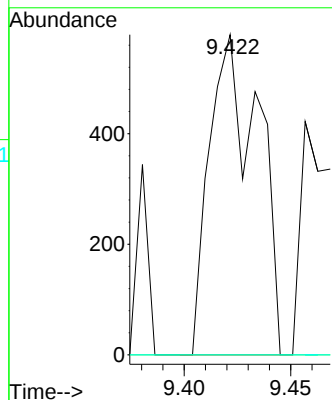
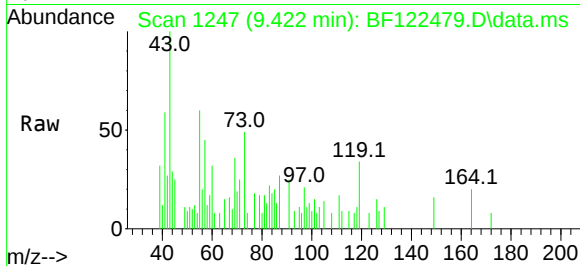




#48
2-Nitroaniline
Concen: 5.27 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.024 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

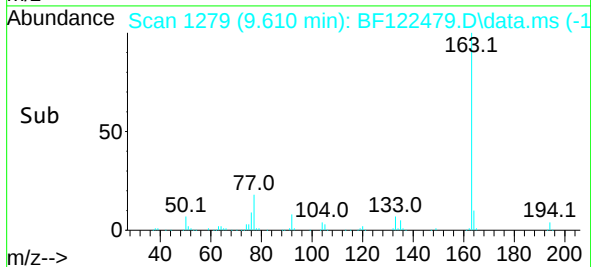
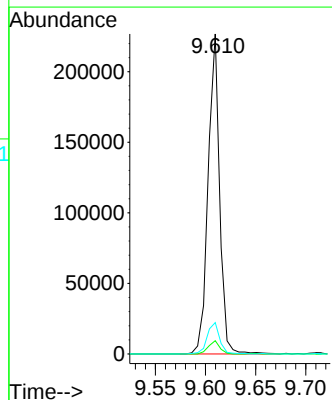
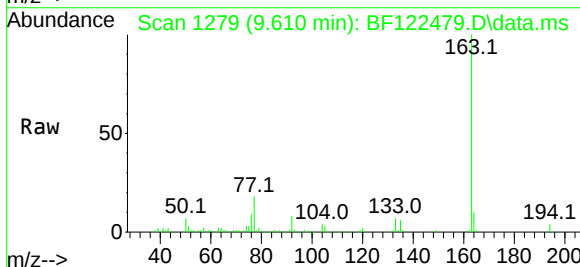
Instrument :
BNA_F
ClientSampleId :
EFF-WW

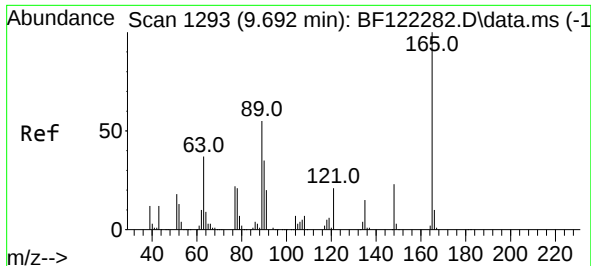
Tgt Ion: 65 Resp: 916
Ion Ratio Lower Upper
65 100
92 0.0 55.1 82.7#
138 0.0 80.5 120.7#



#50
Dimethylphthalate
Concen: 6.21 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion: 163 Resp: 181718
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.8 8.2 12.4

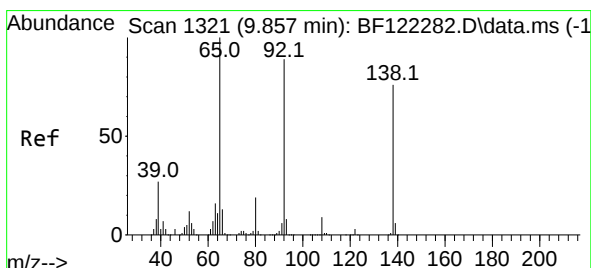
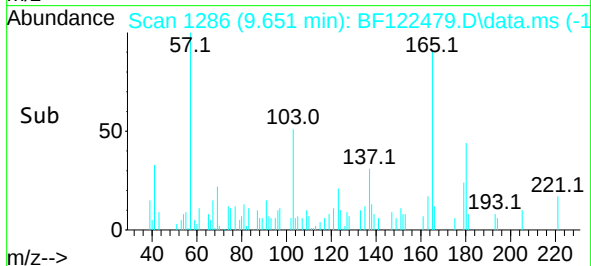
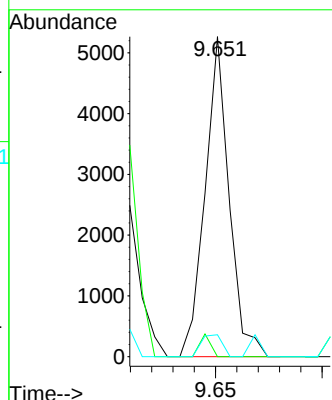
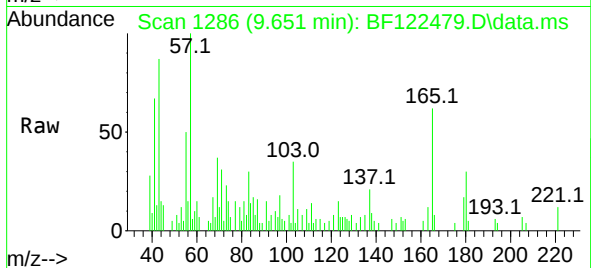




#51
2,6-Dinitrotoluene
Concen: 4.40 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.036 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

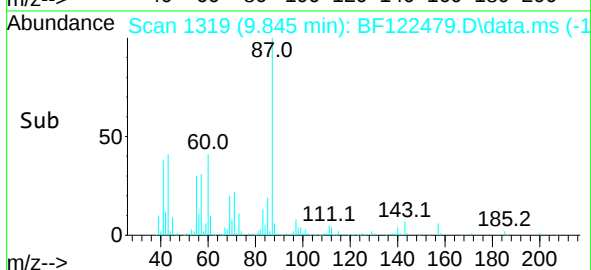
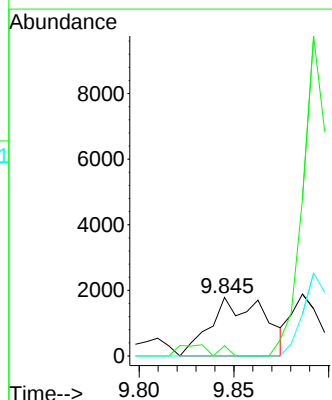
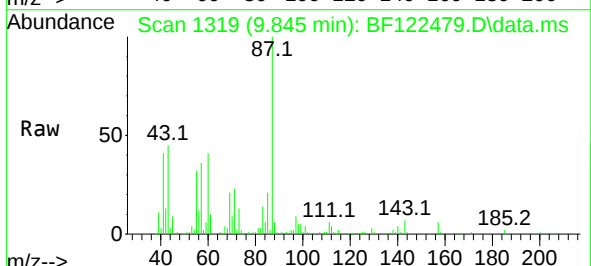
Instrument :
BNA_F
ClientSampleId :
EFF-WW

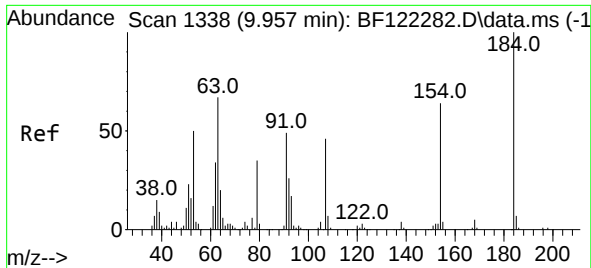
Tgt Ion:165 Resp: 4118
Ion Ratio Lower Upper
165 100
63 0.0 51.8 77.6#
89 6.9 49.0 73.6#



#53
3-Nitroaniline
Concen: 4.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.012 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion:138 Resp: 3519
Ion Ratio Lower Upper
138 100
108 17.6 8.6 13.0#
92 0.0 96.6 144.8#

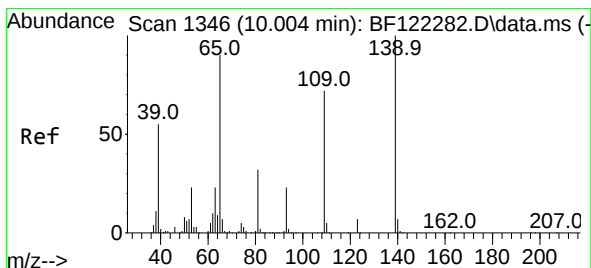
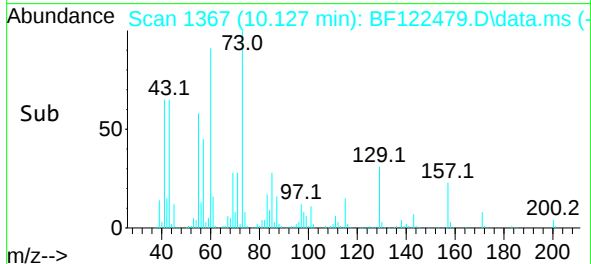
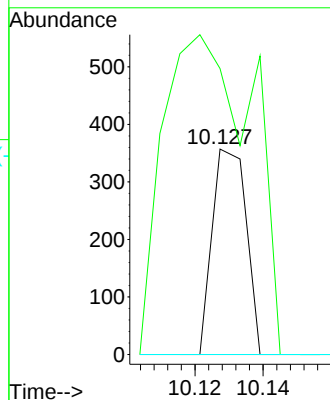
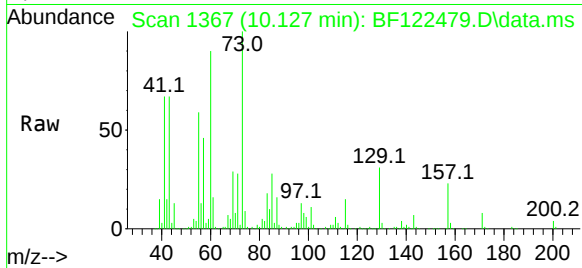




#54
2,4-Dinitrophenol
Concen: 6.49 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.170 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

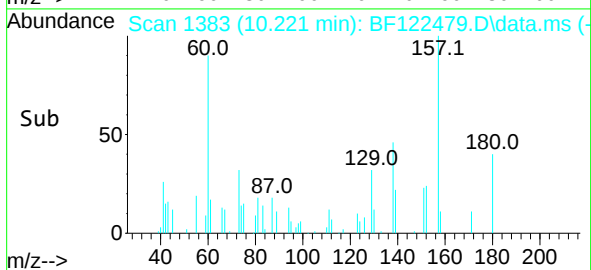
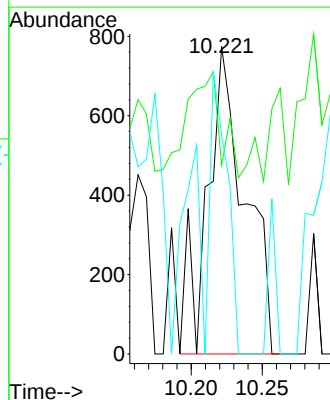
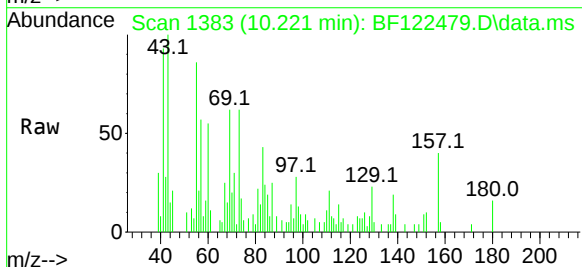
Instrument :
BNA_F
ClientSampleId :
EFF-WW

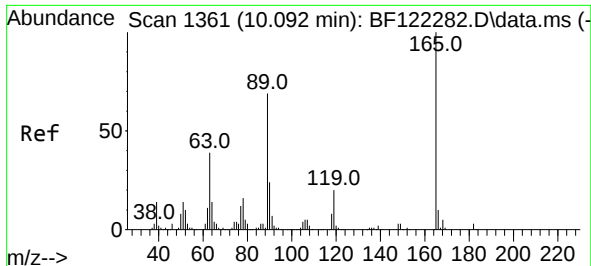
Tgt Ion:184 Resp: 246
Ion Ratio Lower Upper
184 100
63 139.2 45.9 68.9#
154 0.0 45.8 68.6#



#56
4-Nitrophenol
Concen: 5.62 ng
RT: 10.221 min Scan# 1383
Delta R.T. 0.206 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion:139 Resp: 1438
Ion Ratio Lower Upper
139 100
109 61.5 45.4 85.4
65 71.3 68.4 108.4

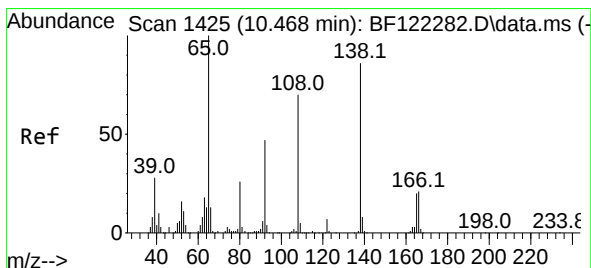
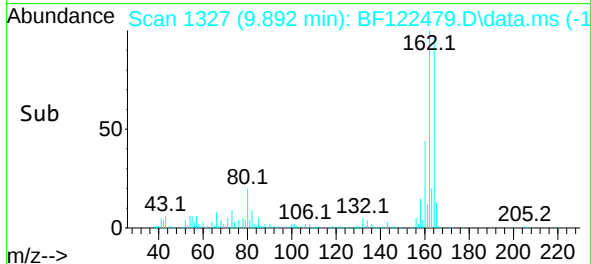
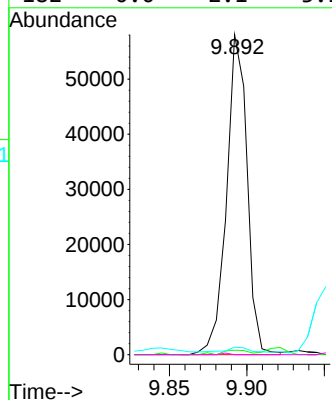
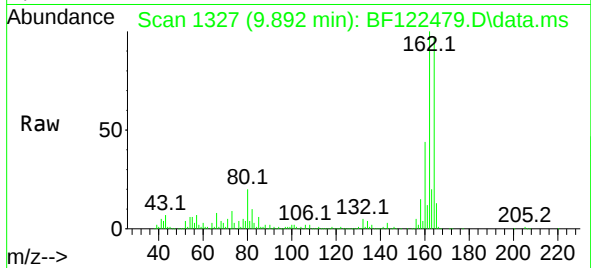




#57
2,4-Dinitrotoluene
Concen: 10.61 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

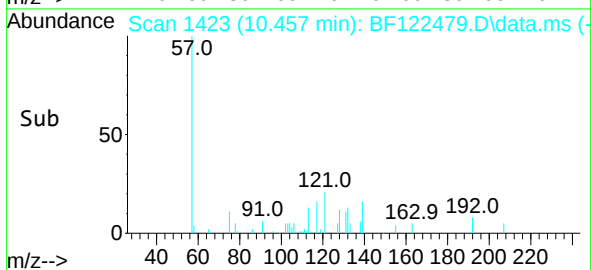
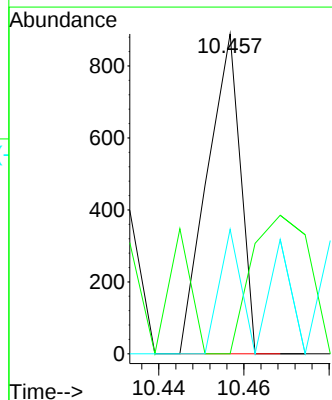
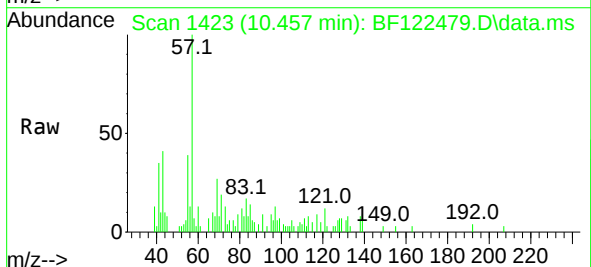
Instrument :
BNA_F
ClientSampleId :
EFF-WW

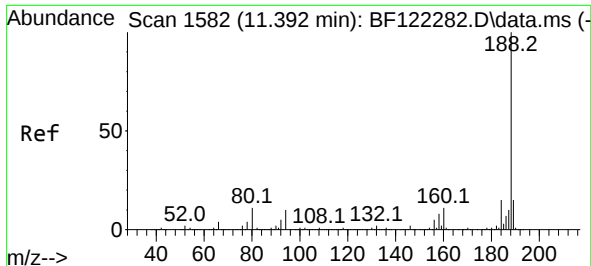
Tgt Ion:165	Resp:	53651
Ion Ratio	Lower	Upper
165	100	
63	1.4	41.3 61.9#
89	2.3	61.8 92.8#
182	0.0	2.1 3.1#



#62
4-Nitroaniline
Concen: 3.44 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.018 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion:138	Resp:	479
Ion Ratio	Lower	Upper
138	100	
92	0.0	31.0 71.0#
108	38.9	51.5 91.5#

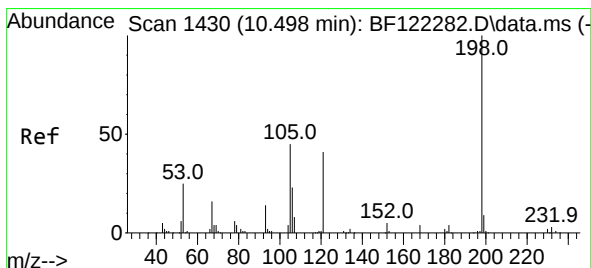
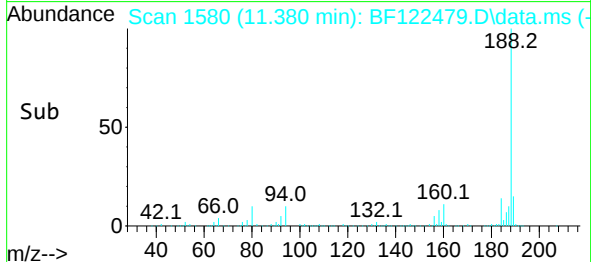
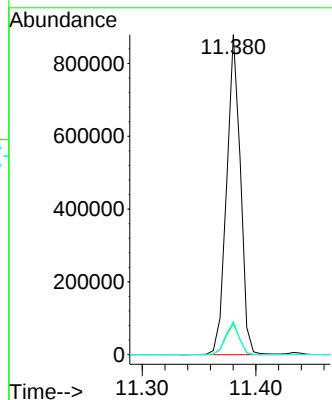
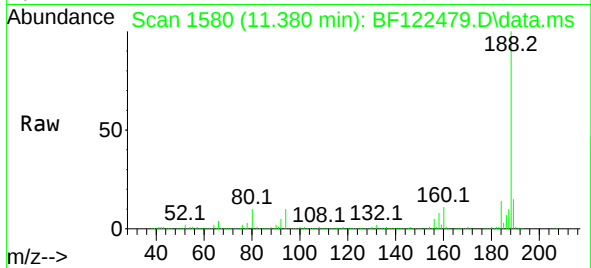




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

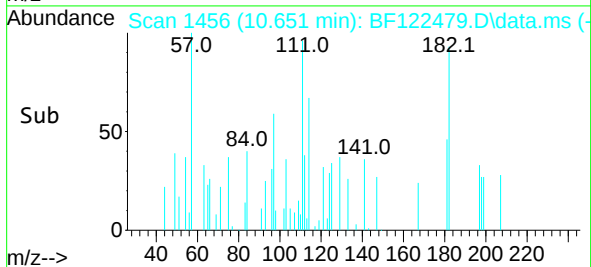
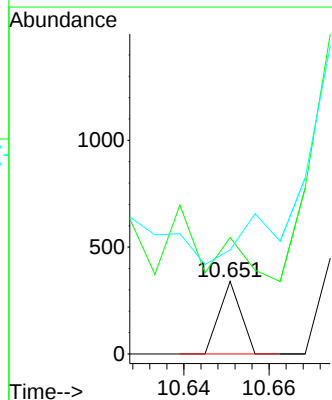
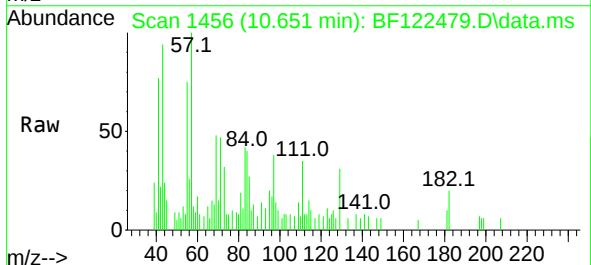
Instrument :
BNA_F
ClientSampleId :
EFF-WW

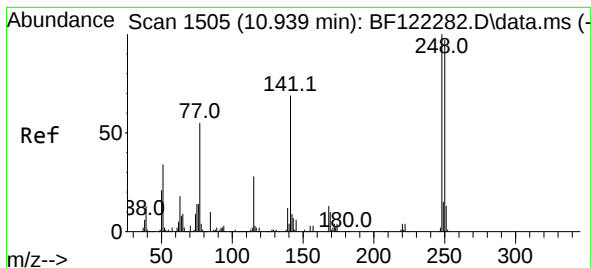
Tgt Ion:188 Resp: 741436
Ion Ratio Lower Upper
188 100
94 9.7 8.3 12.5
80 10.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.19 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.153 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion:198 Resp: 120
Ion Ratio Lower Upper
198 100
51 160.3 29.6 69.6#
105 143.2 24.4 64.4#

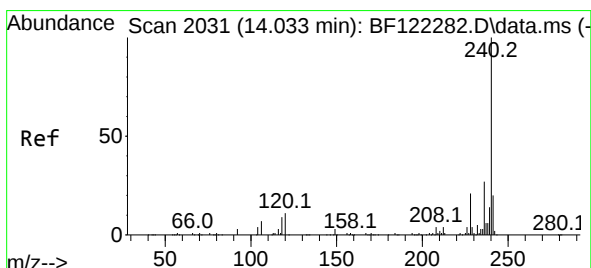
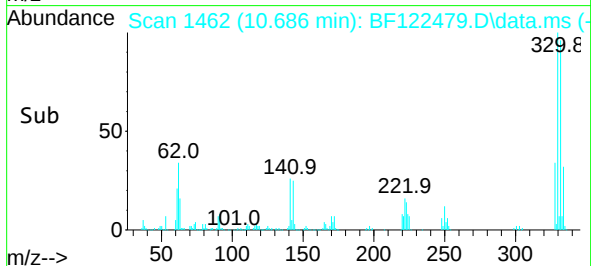
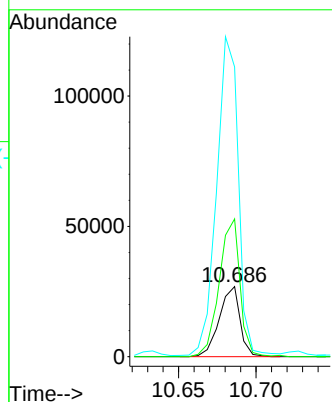
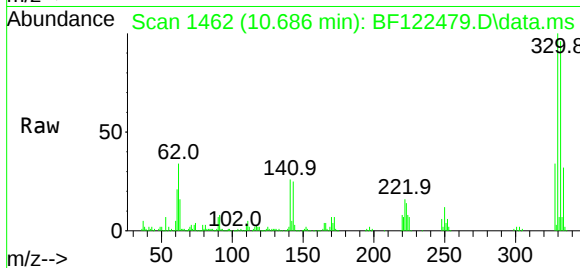




#67
4-Bromophenyl-phenylether
Concen: 2.88 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

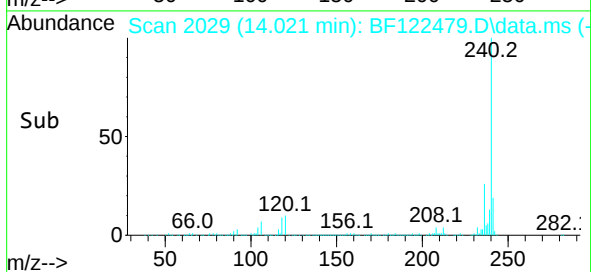
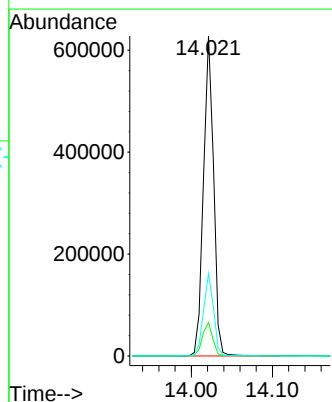
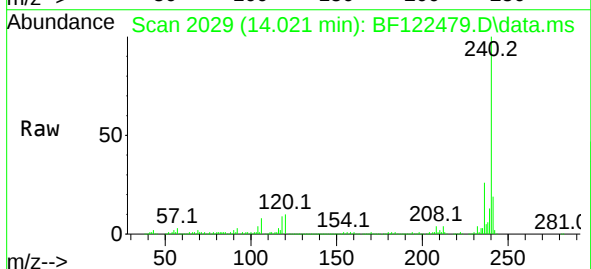
Instrument :
BNA_F
ClientSampleId :
EFF-WW

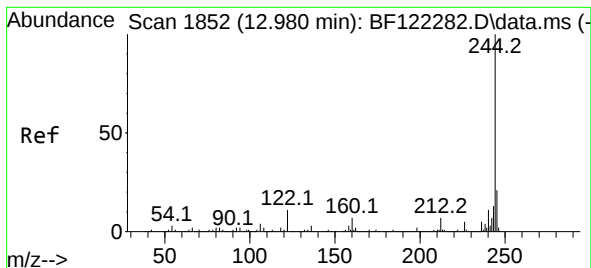
Tgt Ion:248 Resp: 25069
Ion Ratio Lower Upper
248 100
250 196.7 77.0 115.6#
141 413.8 53.7 80.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Tgt Ion:240 Resp: 545069
Ion Ratio Lower Upper
240 100
120 10.4 9.2 13.8
236 25.7 20.9 31.3





#79

Terphenyl-d14

Concen: 115.90 ng

RT: 12.980 min Scan# 1852

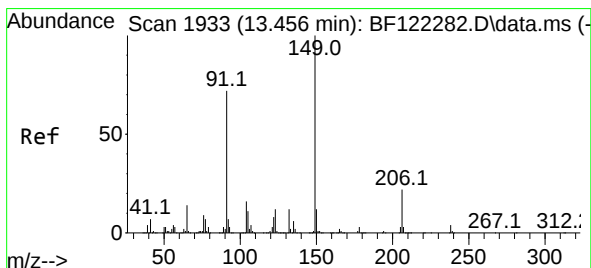
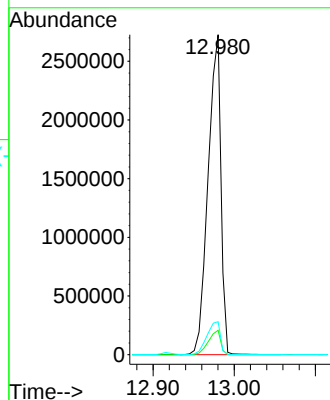
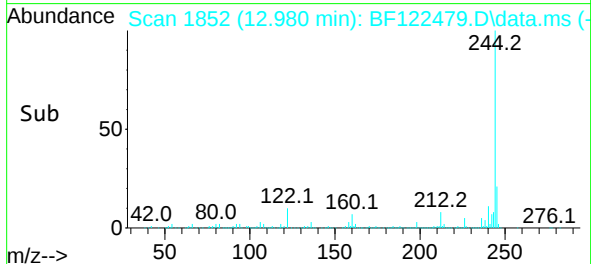
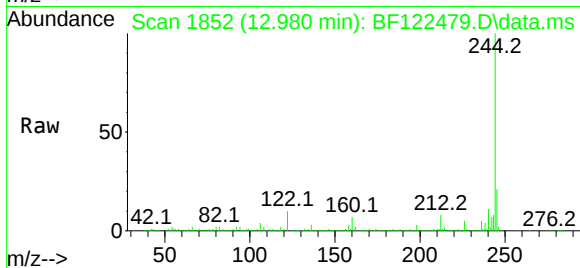
Delta R.T. 0.006 min

Lab File: BF122479.D

Acq: 25 Nov 2020 12:12

Tgt Ion:244 Resp: 2982088

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.4	8.2
122	10.3	8.1	12.1



#80

Butylbenzylphthalate

Concen: 3.50 ng

RT: 13.445 min Scan# 1931

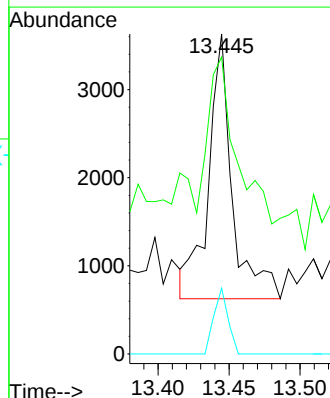
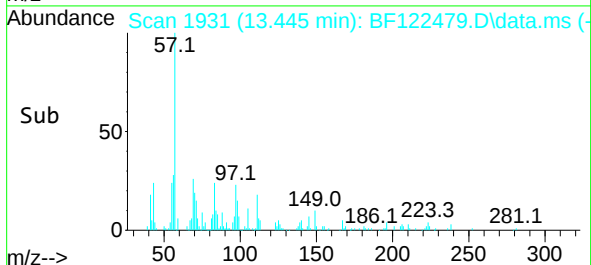
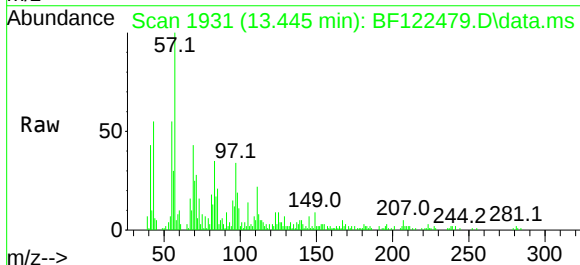
Delta R.T. -0.006 min

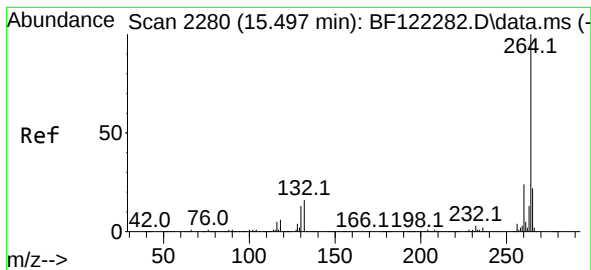
Lab File: BF122479.D

Acq: 25 Nov 2020 12:12

Tgt Ion:149 Resp: 3492

Ion	Ratio	Lower	Upper
149	100		
91	92.8	61.0	91.4#
206	20.5	16.7	25.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.012 min
Lab File: BF122479.D
Acq: 25 Nov 2020 12:12

Instrument :
BNA_F
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 485732

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	21.5	17.3	25.9

