

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124977.D
 Acq On : 7 Aug 2021 16:46
 Operator : JU/CG
 Sample : M3297-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121

Quant Time: Aug 07 18:05:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

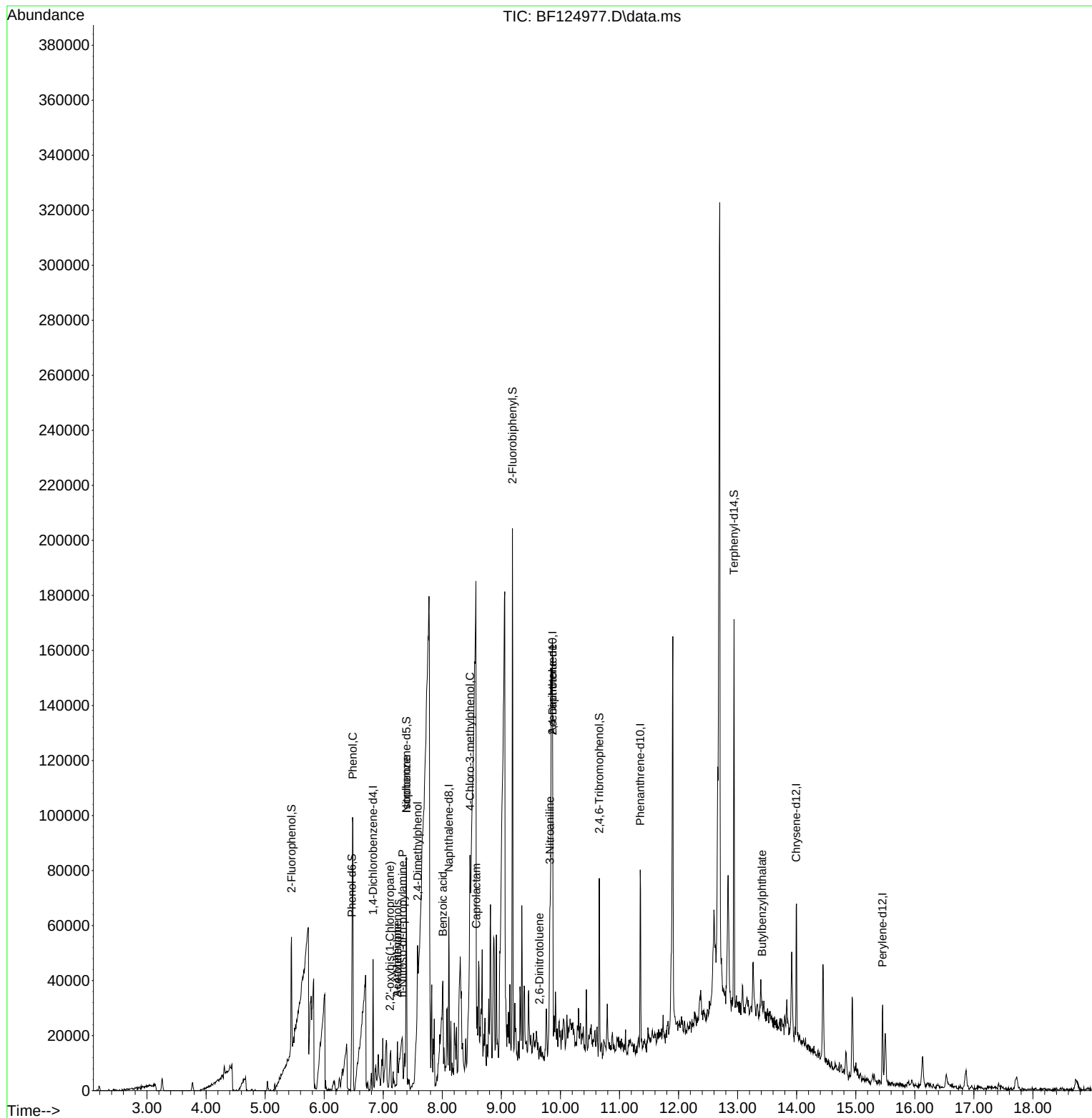
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	6342	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	24172	20.000	ng	# 0.00
39) Acenaphthene-d10	9.869	164	14321	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	20732	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	13090	20.000	ng	0.00
86) Perylene-d12	15.451	264	13343	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	11061	28.570	ng	0.00
7) Phenol-d6	6.469	99	9341	19.135	ng	0.00
23) Nitrobenzene-d5	7.392	82	23462	50.776	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	5710	44.629	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	47177	48.203	ng	0.00
79) Terphenyl-d14	12.939	244	36331	46.817	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.487	94	34451	68.396	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	1367	2.258	ng	75
19) n-Nitroso-di-n-propyla...	7.328	70	861	2.972	ng	# 31
20) 3+4-Methylphenols	7.239	107	1537	3.642	ng	# 71
22) Acetophenone	7.239	105	1387	2.343	ng	# 88
25) Isophorone	7.392	82	23462	29.750	ng	# 59
27) 2,4-Dimethylphenol	7.581	122	1723	5.353	ng	# 7
32) Benzoic acid	8.010	122	11509	58.422	ng	84
35) Caprolactam	8.575	113	299	3.140	ng	# 1
36) 4-Chloro-3-methylphenol	8.469	107	11958	31.880	ng	# 17
51) 2,6-Dinitrotoluene	9.645	165	509	2.355	ng	# 26
53) 3-Nitroaniline	9.822	138	634	2.785	ng	# 9
57) 2,4-Dinitrotoluene	9.869	165	1687	5.750	ng	# 18
80) Butylbenzylphthalate	13.416	149	1464	3.191	ng	# 68

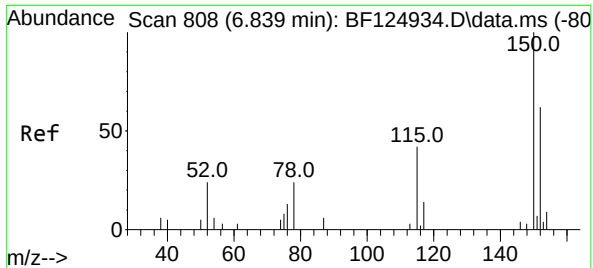
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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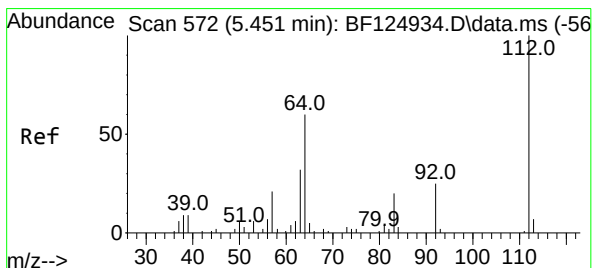
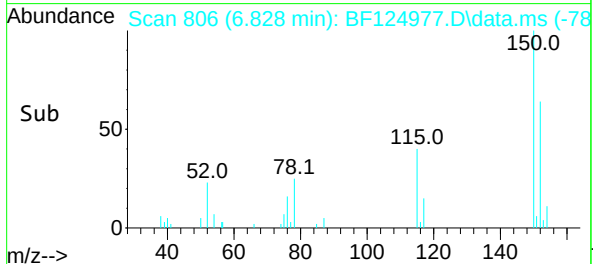
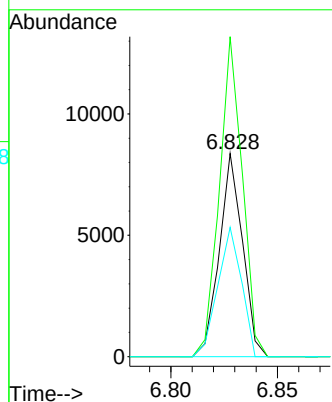
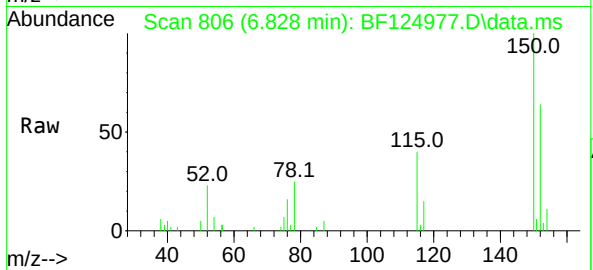




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

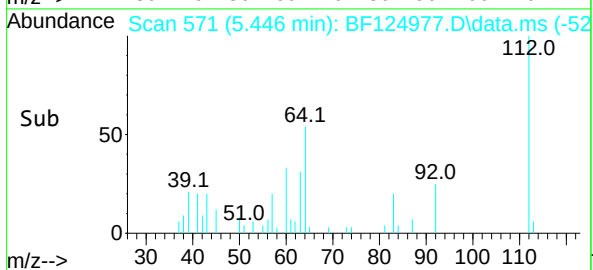
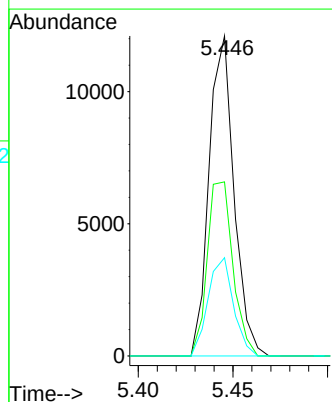
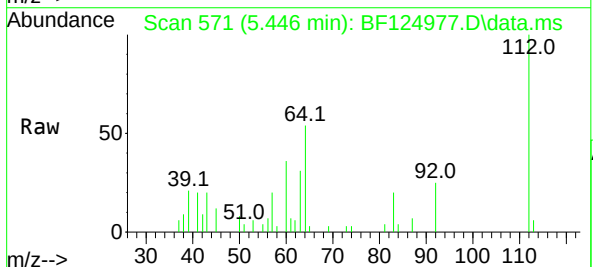
Instrument :
BNA_F
ClientSampleId :
121

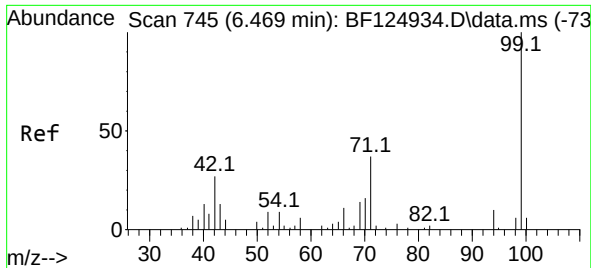
Tgt Ion:152 Resp: 6342
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 63.7 47.1 70.7



#5
2-Fluorophenol
Concen: 28.570 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:112 Resp: 11061
Ion Ratio Lower Upper
112 100
64 54.4 44.2 66.2
63 30.7 26.2 39.2

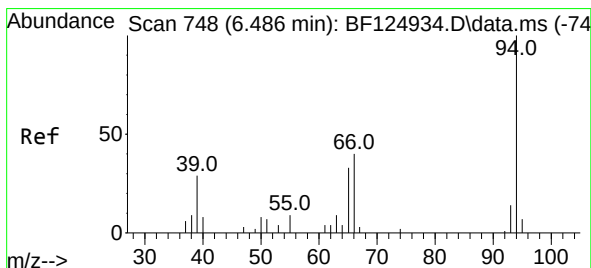
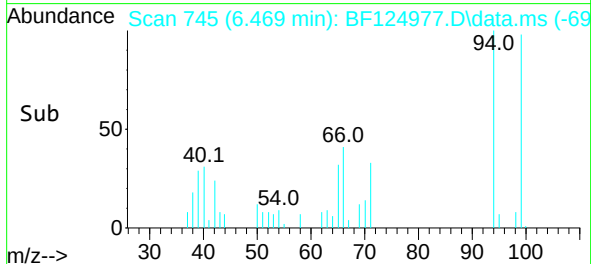
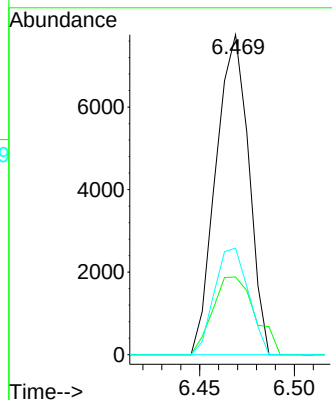
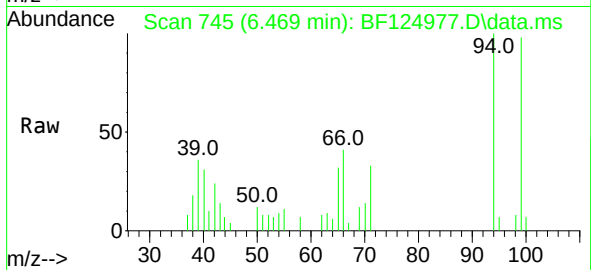




#7
Phenol-d6
Concen: 19.135 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

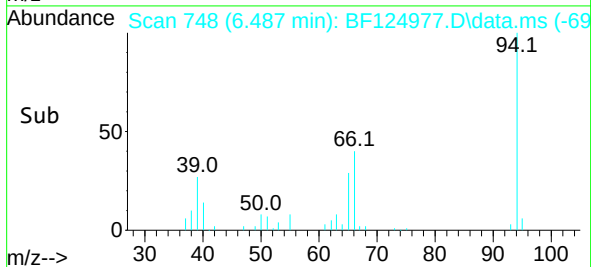
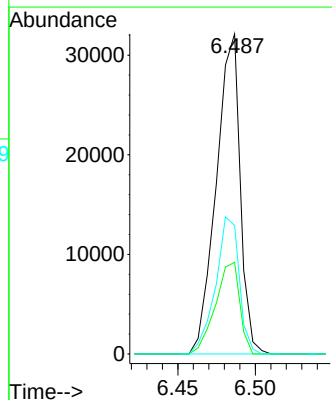
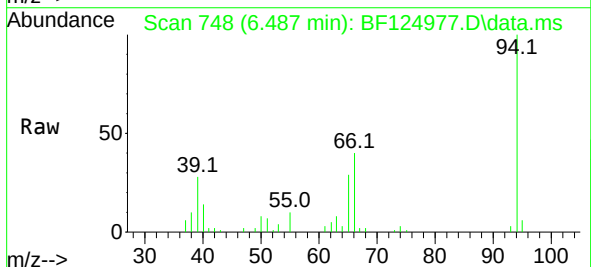
Instrument :
BNA_F
ClientSampled :
121

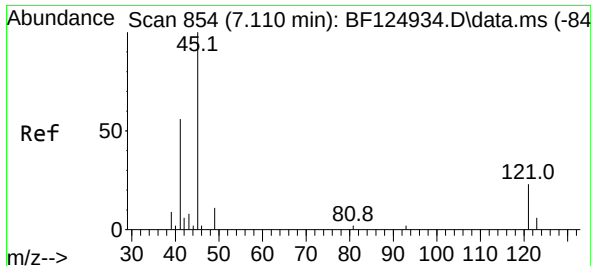
Tgt Ion: 99 Resp: 9341
Ion Ratio Lower Upper
99 100
42 24.3 23.5 35.3
71 33.3 25.6 38.4



#10
Phenol
Concen: 68.396 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.012 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion: 94 Resp: 34451
Ion Ratio Lower Upper
94 100
65 28.6 9.3 49.3
66 40.2 20.3 60.3

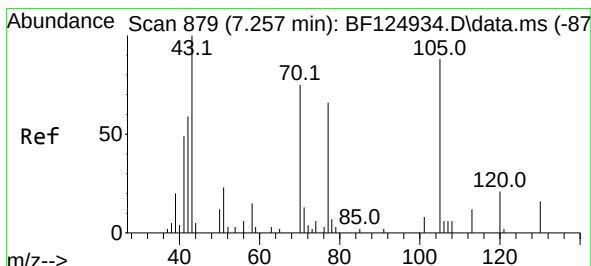
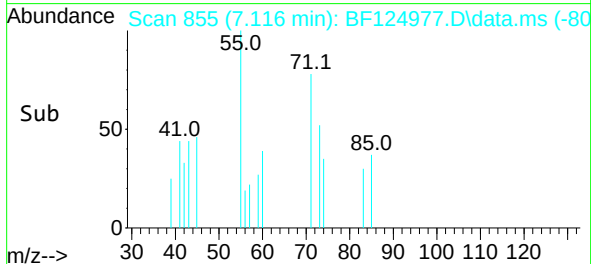
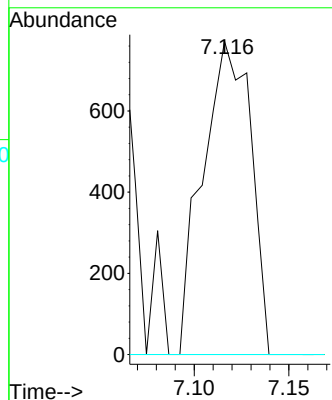
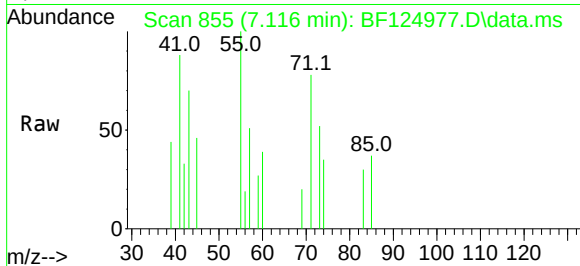




#16
2,2'-oxybis(1-Chloropropane)
Concen: 2.258 ng
RT: 7.116 min Scan# 855
Delta R.T. 0.012 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

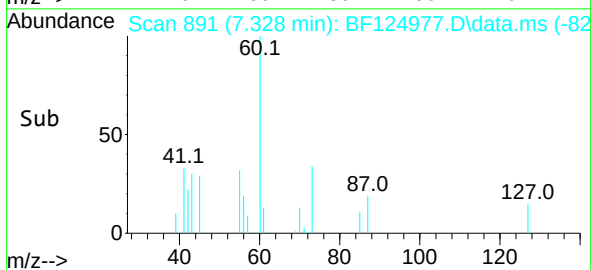
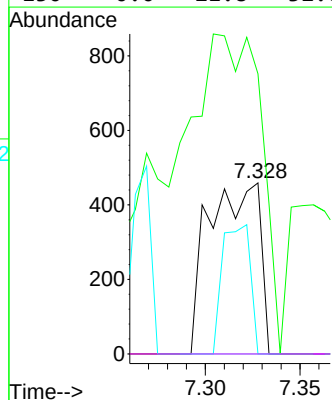
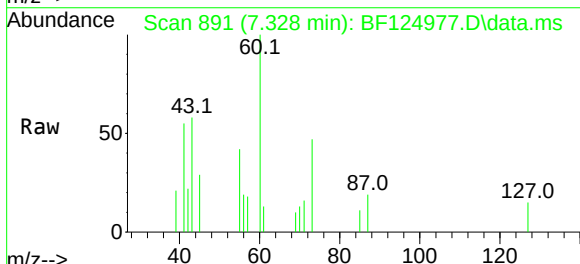
Instrument :
BNA_F
ClientSampled :
121

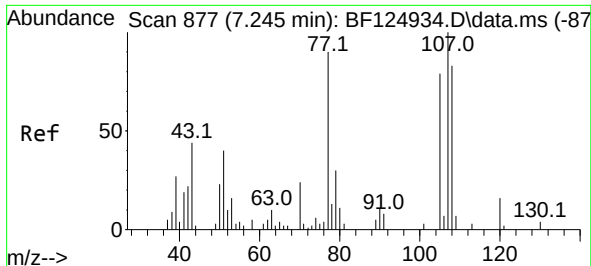
Tgt Ion: 45 Resp: 1367
Ion Ratio Lower Upper
45 100
77 0.0 0.0 30.6
79 0.0 0.0 27.5



#19
n-Nitroso-di-n-propylamine
Concen: 2.972 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.083 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion: 70 Resp: 861
Ion Ratio Lower Upper
70 100
42 163.8 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

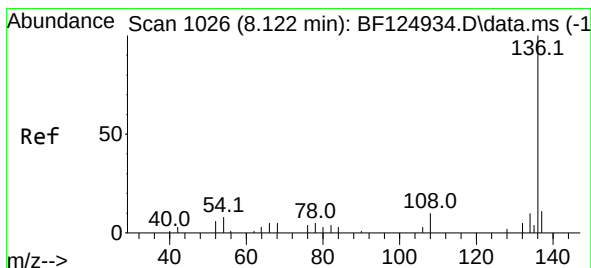
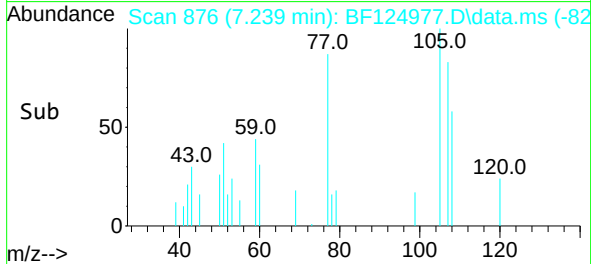
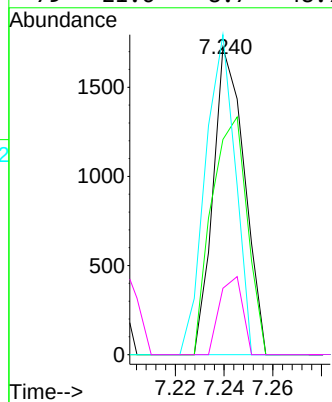
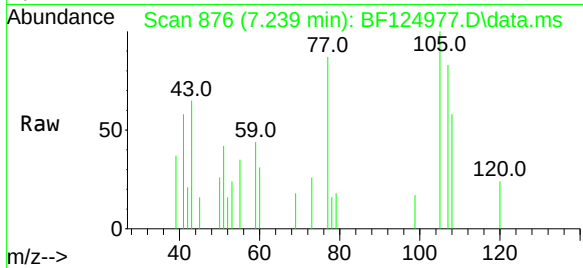




#20
3+4-Methylphenols
Concen: 3.642 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

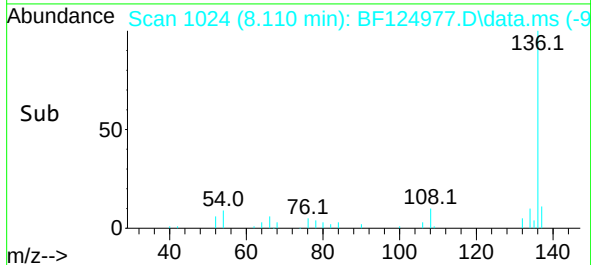
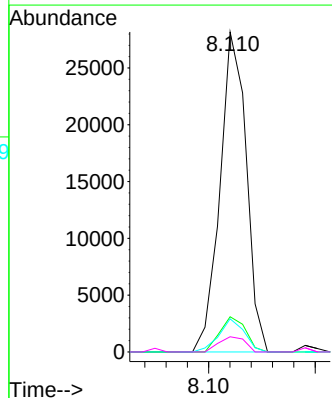
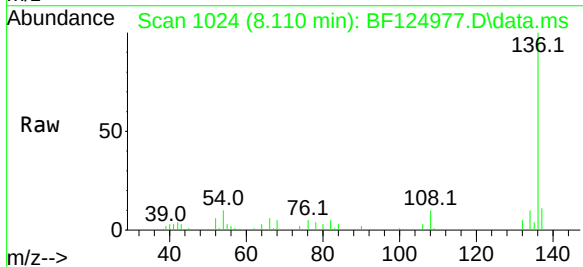
Instrument :
BNA_F
ClientSampled :
121

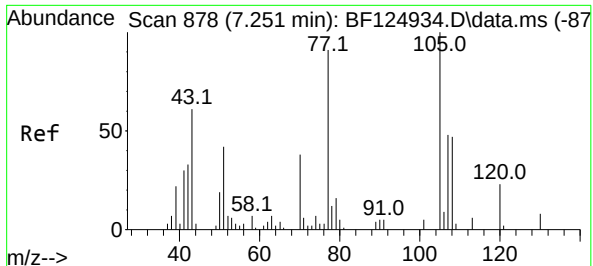
Tgt Ion:	107	Resp:	1537
Ion	Ratio	Lower	Upper
107	100		
108	70.1	76.6	116.6#
77	104.2	53.3	93.3#
79	21.6	8.7	48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:	136	Resp:	24172
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	10.3	6.4	9.6#
68	4.7	3.3	4.9

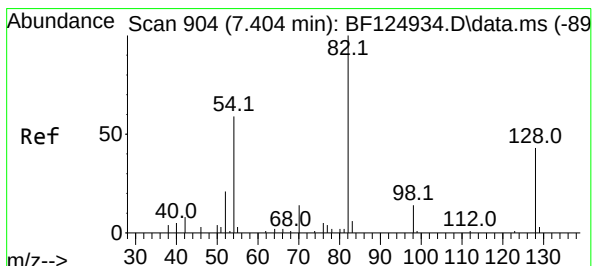
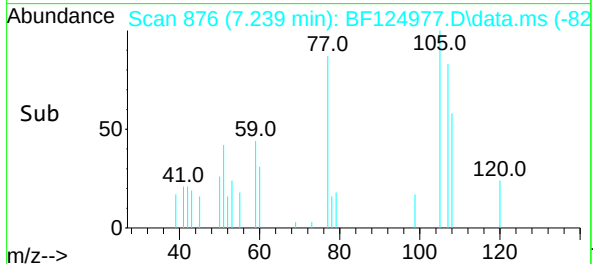
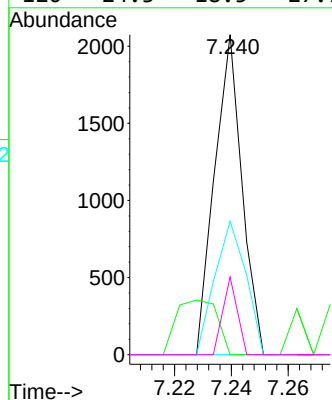
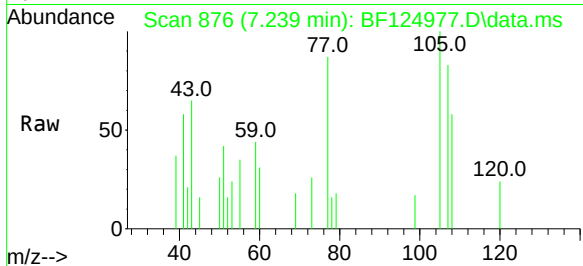




#22
Acetophenone
Concen: 2.343 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

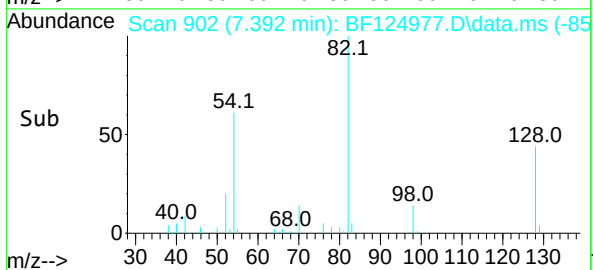
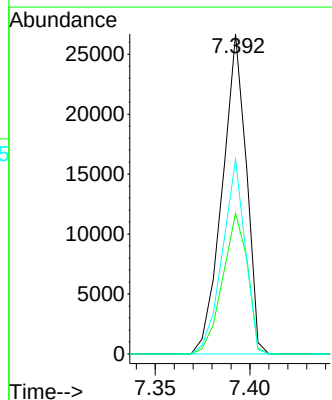
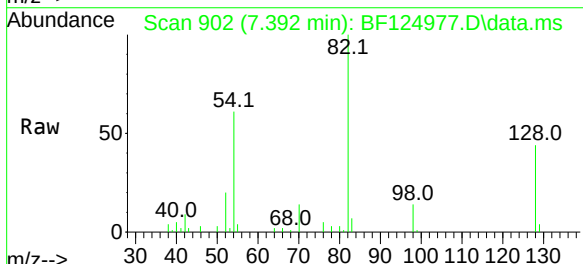
Instrument :
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ClientSampleId :
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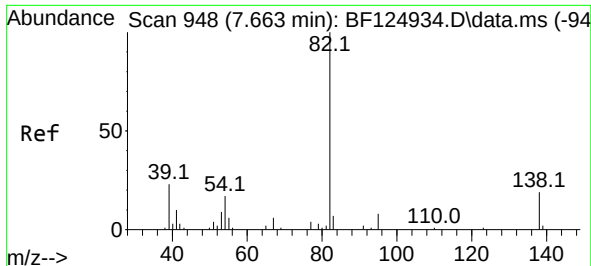
Tgt Ion:	105	Resp:	1387
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	41.7	26.0	39.0#
120	24.3	18.5	27.7



#23
Nitrobenzene-d5
Concen: 50.776 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:	82	Resp:	23462
Ion	Ratio	Lower	Upper
82	100		
128	44.0	40.6	60.8
54	60.8	49.6	74.4

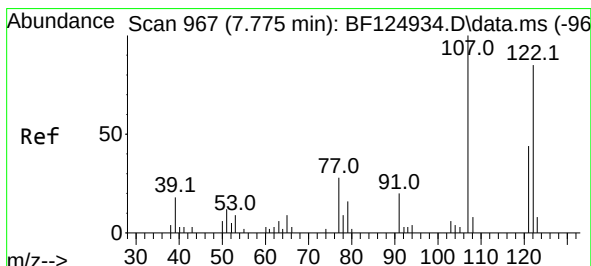
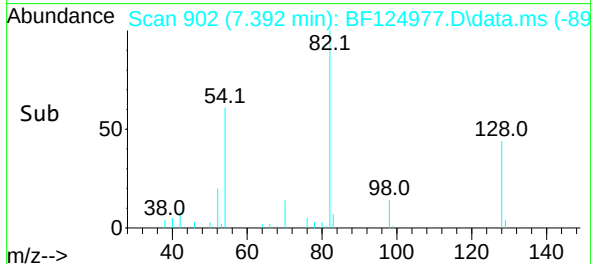
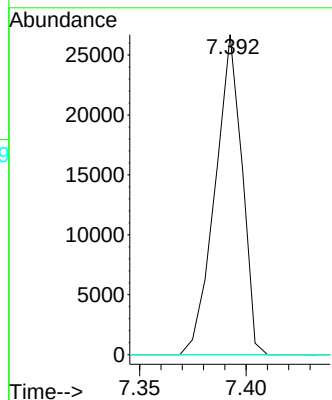
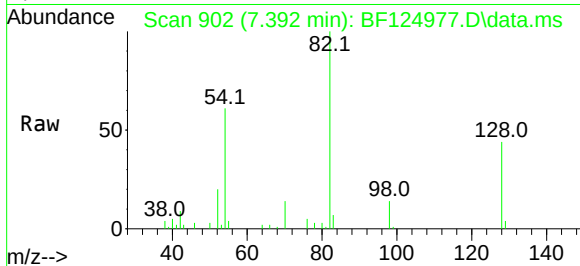




#25
Isophorone
Concen: 29.750 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.264 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

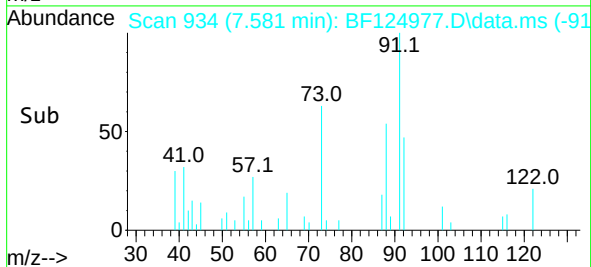
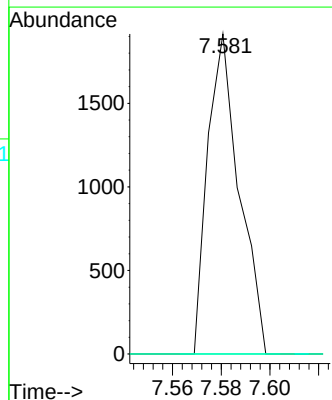
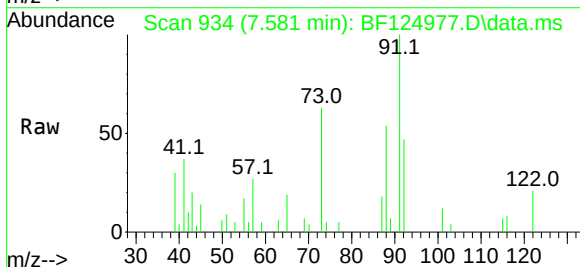
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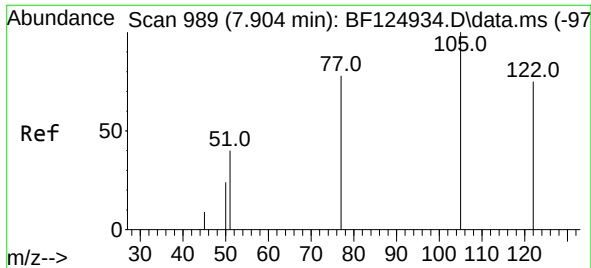
Tgt Ion: 82 Resp: 23462
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#27
2,4-Dimethylphenol
Concen: 5.353 ng
RT: 7.581 min Scan# 934
Delta R.T. -0.182 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:122 Resp: 1723
Ion Ratio Lower Upper
122 100
107 0.0 85.0 127.6#
121 0.0 43.3 64.9#

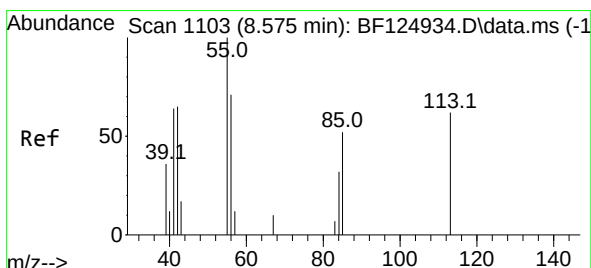
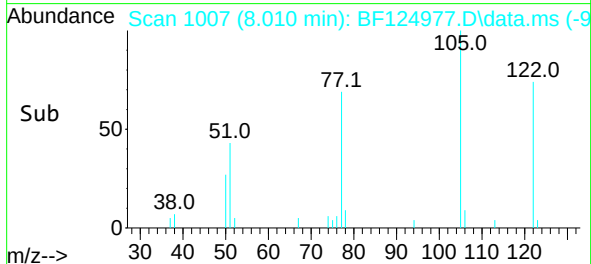
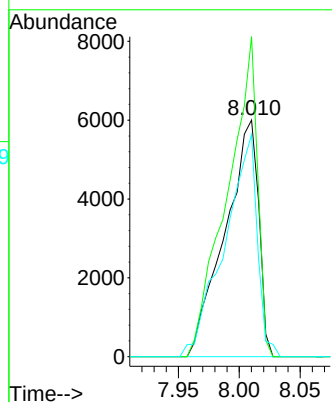
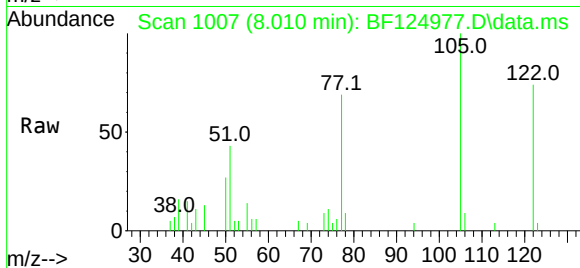




#32
Benzoic acid
Concen: 58.422 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.112 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

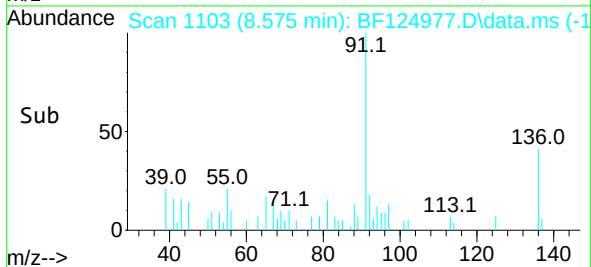
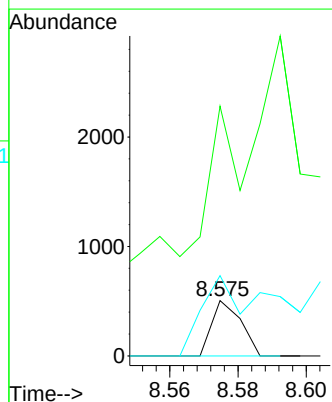
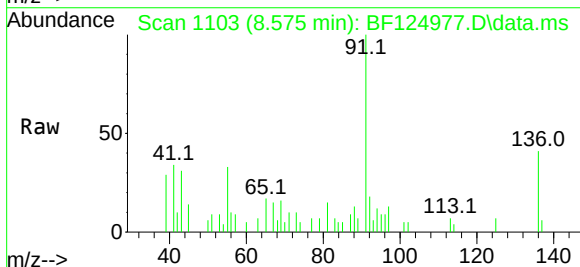
Instrument :
BNA_F
ClientSampled :
121

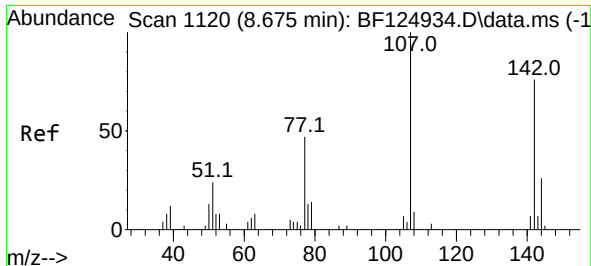
Tgt Ion:	122	Resp:	11509
Ion	Ratio	Lower	Upper
122	100		
105	135.2	97.6	137.6
77	93.8	59.6	99.6



#35
Caprolactam
Concen: 3.140 ng
RT: 8.575 min Scan# 1103
Delta R.T. 0.012 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:	113	Resp:	299
Ion	Ratio	Lower	Upper
113	100		
55	451.9	154.1	194.1#
56	145.1	108.7	148.7

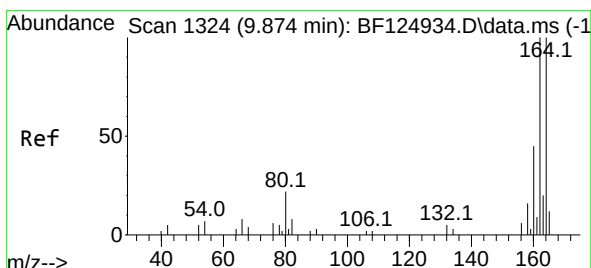
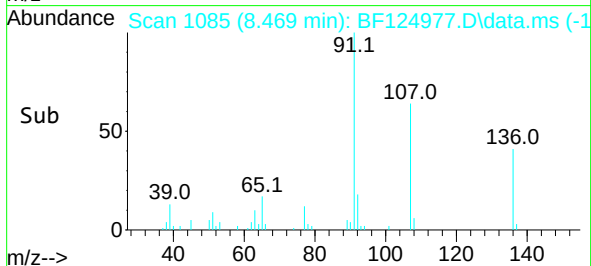
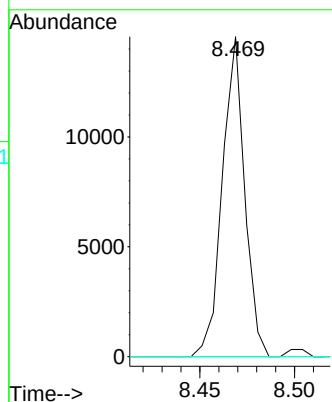
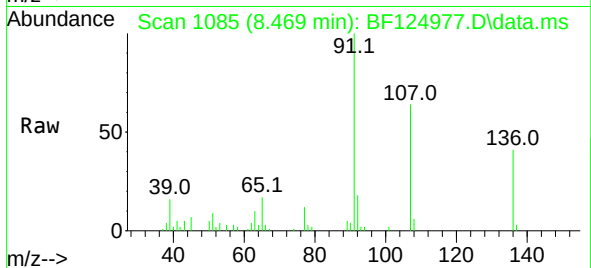




#36
4-Chloro-3-methylphenol
Concen: 31.880 ng
RT: 8.469 min Scan# 1085
Delta R.T. -0.194 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

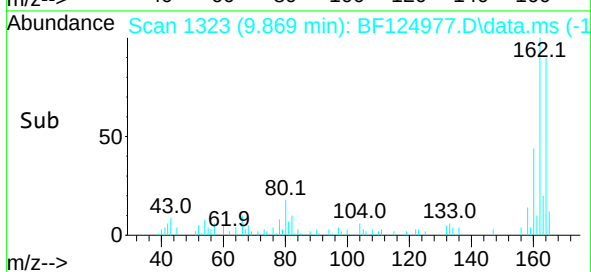
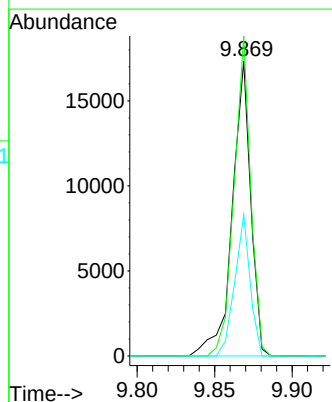
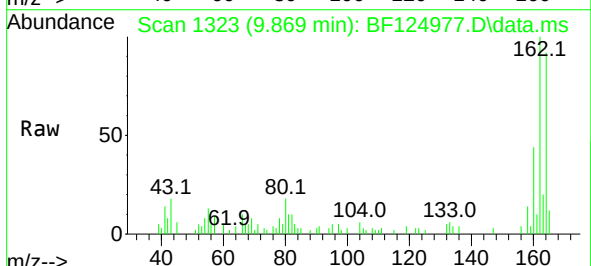
Instrument :
BNA_F
ClientSampled :
121

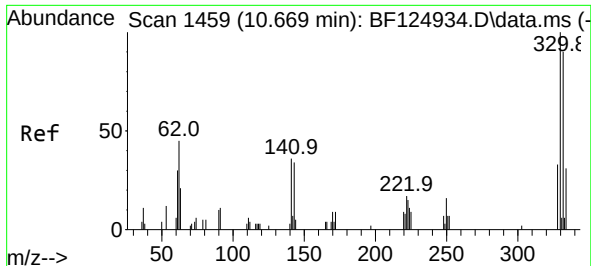
Tgt Ion:107 Resp: 11958
Ion Ratio Lower Upper
107 100
144 0.0 21.9 32.9#
142 0.0 67.1 100.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:164 Resp: 14321
Ion Ratio Lower Upper
164 100
162 108.6 81.3 121.9
160 48.0 38.0 57.0

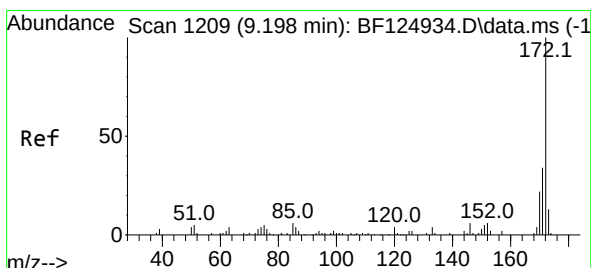
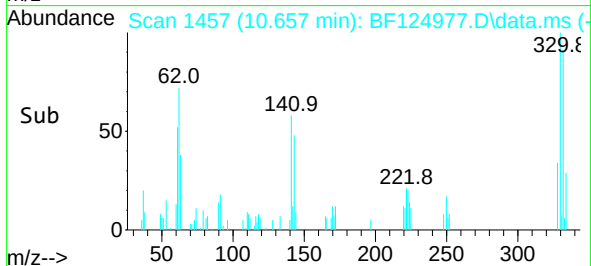
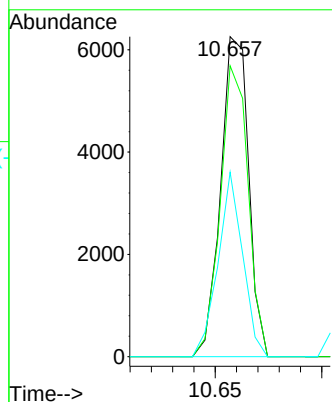
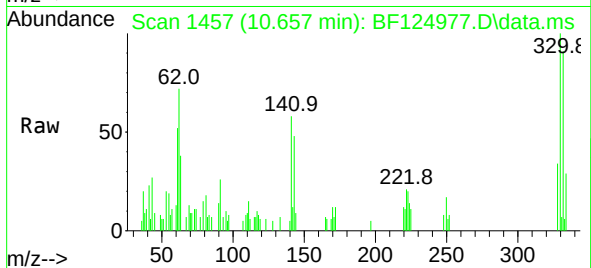




#42
2,4,6-Tribromophenol
Concen: 44.629 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

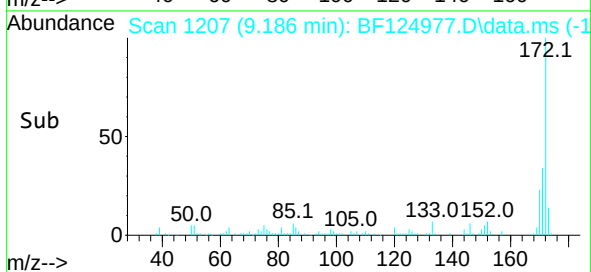
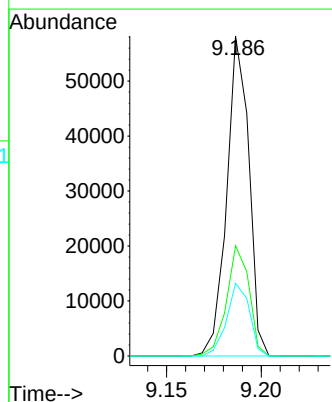
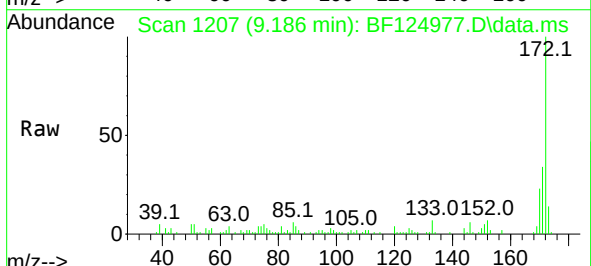
Instrument :
BNA_F
ClientSampled :
121

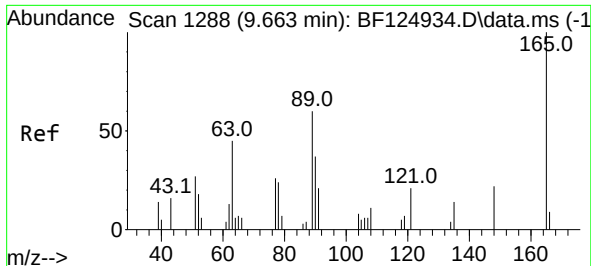
Tgt Ion:330 Resp: 5710
Ion Ratio Lower Upper
330 100
332 90.4 76.2 114.4
141 50.8 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 48.203 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:172 Resp: 47177
Ion Ratio Lower Upper
172 100
171 34.4 26.5 39.7
170 22.7 18.8 28.2

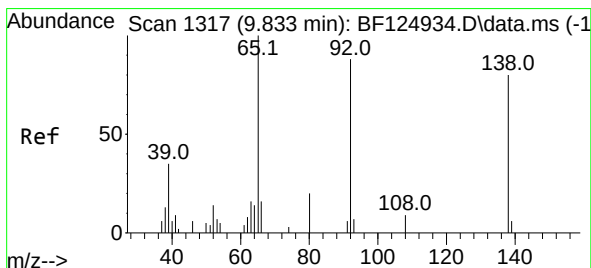
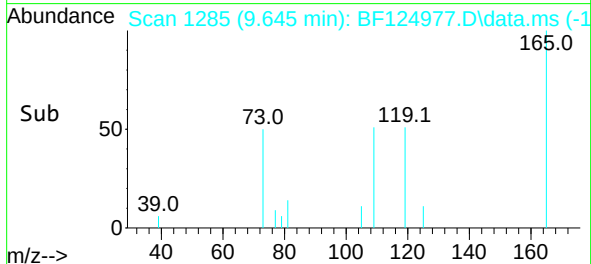
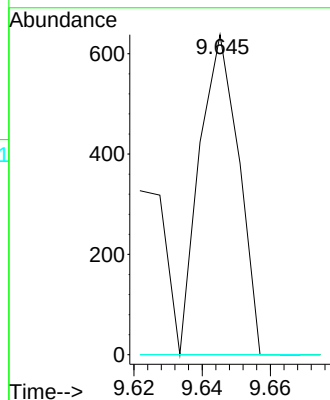
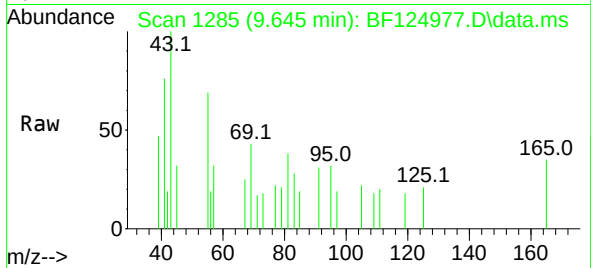




#51
2,6-Dinitrotoluene
Concen: 2.355 ng
RT: 9.645 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

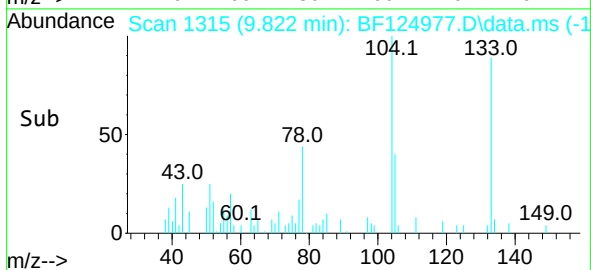
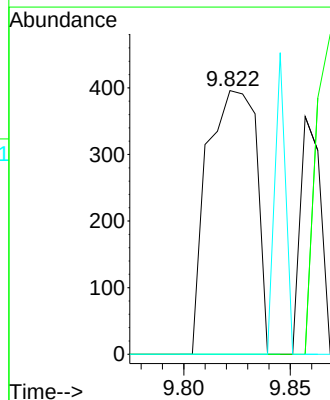
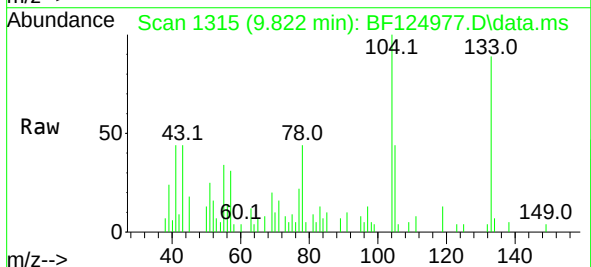
Instrument :
BNA_F
ClientSampled :
121

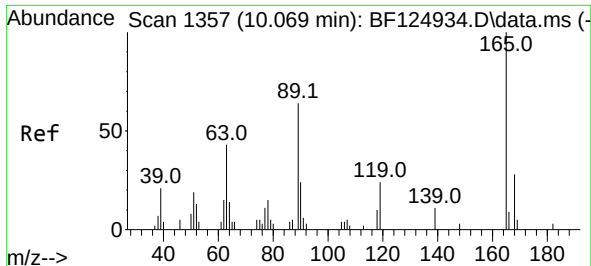
Tgt Ion:165 Resp: 509
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#53
3-Nitroaniline
Concen: 2.785 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

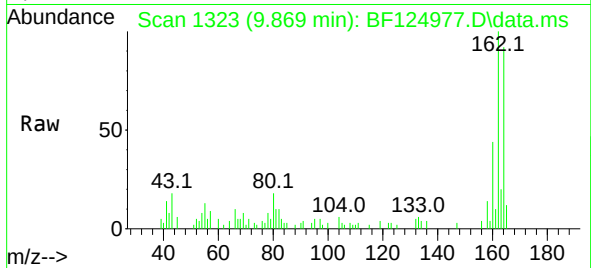
Tgt Ion:138 Resp: 634
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#



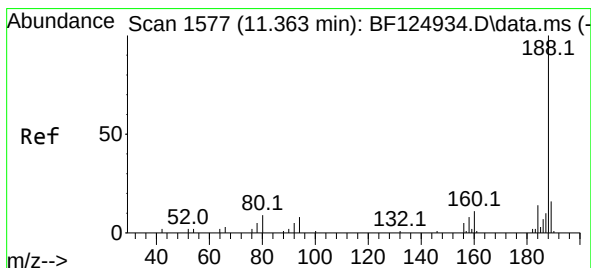
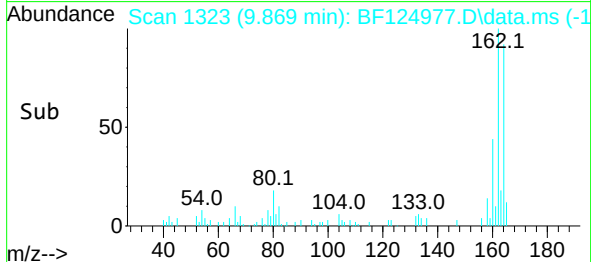
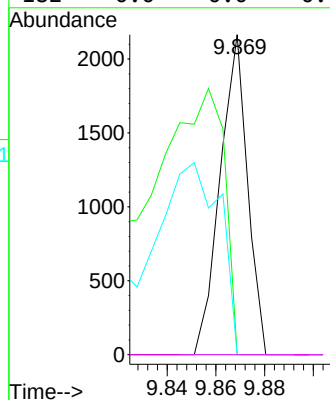


#57
2,4-Dinitrotoluene
Concen: 5.750 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.188 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Instrument :
BNA_F
ClientSampled :
121

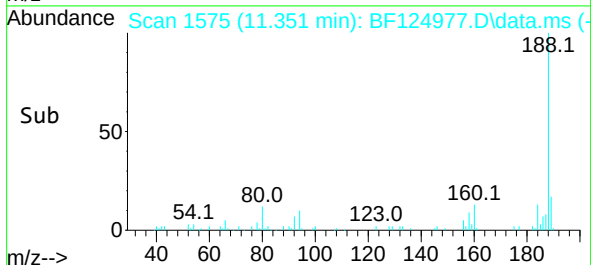
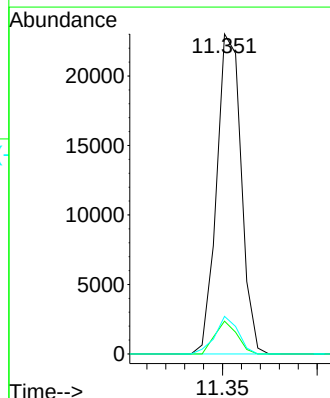
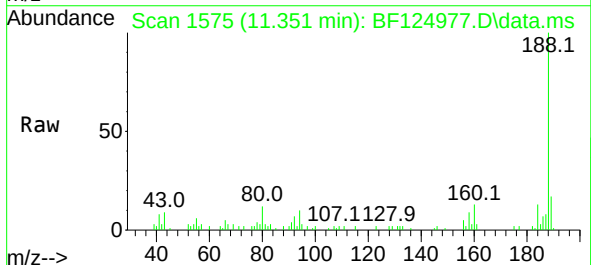


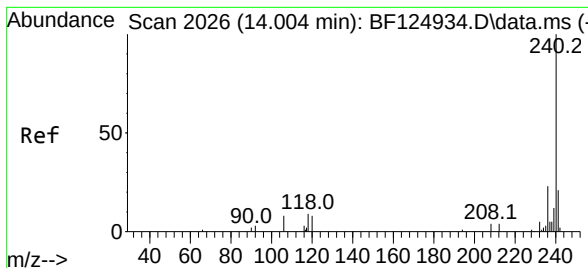
Tgt Ion:165 Resp: 1687
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:188 Resp: 20732
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 11.7 7.5 11.3#

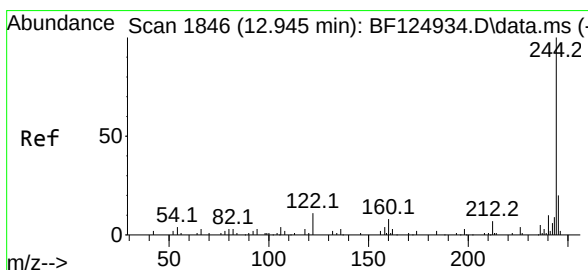
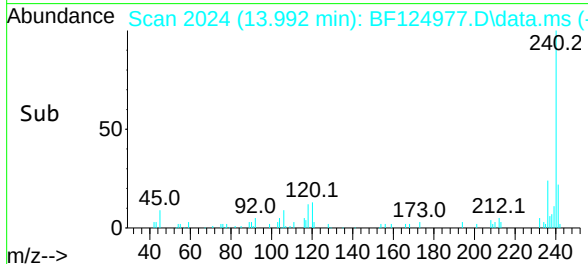
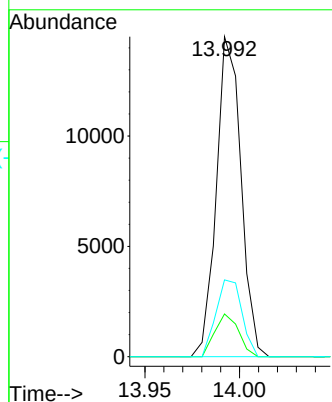
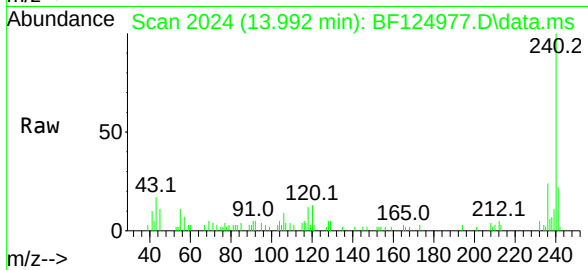




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

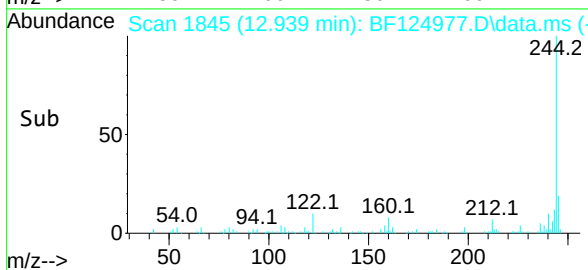
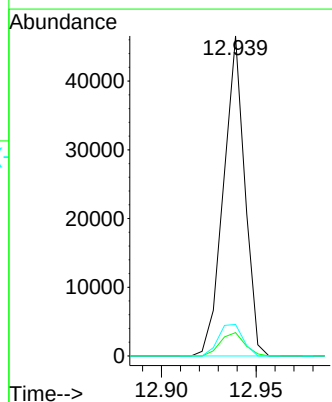
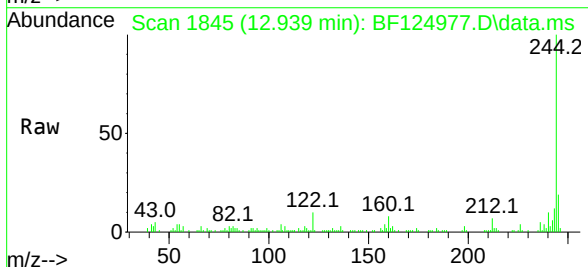
Instrument :
BNA_F
ClientSampled :
121

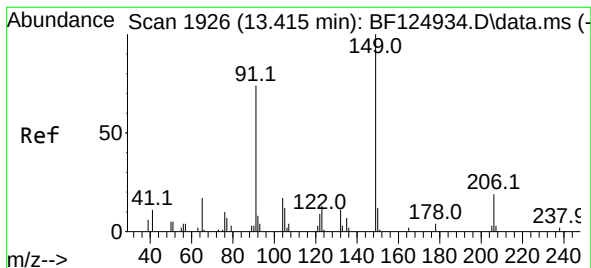
Tgt Ion:240 Resp: 13090
Ion Ratio Lower Upper
240 100
120 13.4 10.8 16.2
236 24.0 21.6 32.4



#79
Terphenyl-d14
Concen: 46.817 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:244 Resp: 36331
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 9.9 9.0 13.4

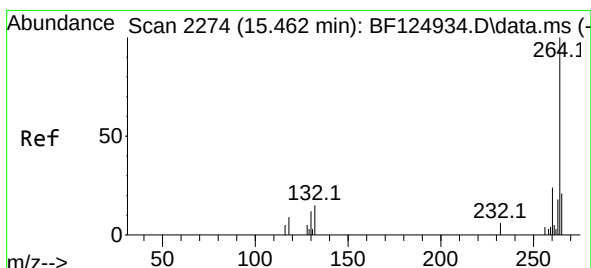
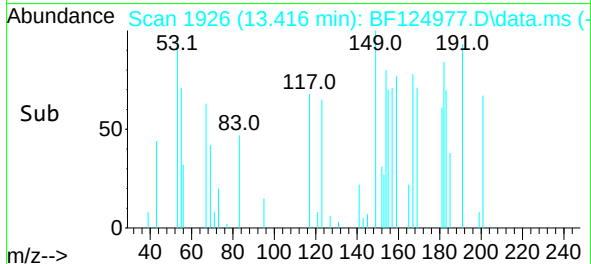
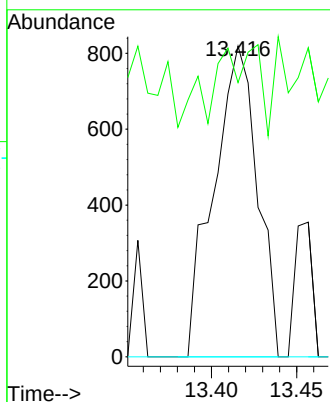
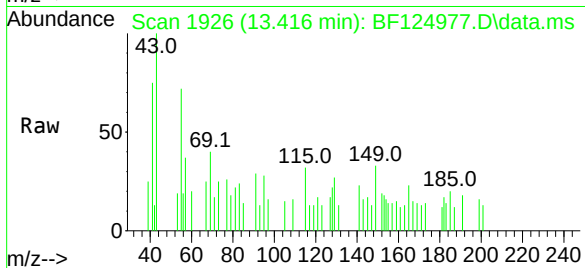




#80
Butylbenzylphthalate
Concen: 3.191 ng
RT: 13.416 min Scan# 1926
Delta R.T. 0.006 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Instrument :
BNA_F
ClientSampleId :
121

Tgt Ion:149 Resp: 1464
Ion Ratio Lower Upper
149 100
91 88.3 51.8 77.8#
206 0.0 14.5 21.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF124977.D
Acq: 7 Aug 2021 16:46

Tgt Ion:264 Resp: 13343
Ion Ratio Lower Upper
264 100
260 18.9 19.6 29.4#
265 23.1 17.2 25.8

