

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072321\
 Data File : BF124708.D
 Acq On : 23 Jul 2021 11:29
 Operator : JU/CG
 Sample : M3129-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ-207

Quant Time: Jul 23 12:06:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

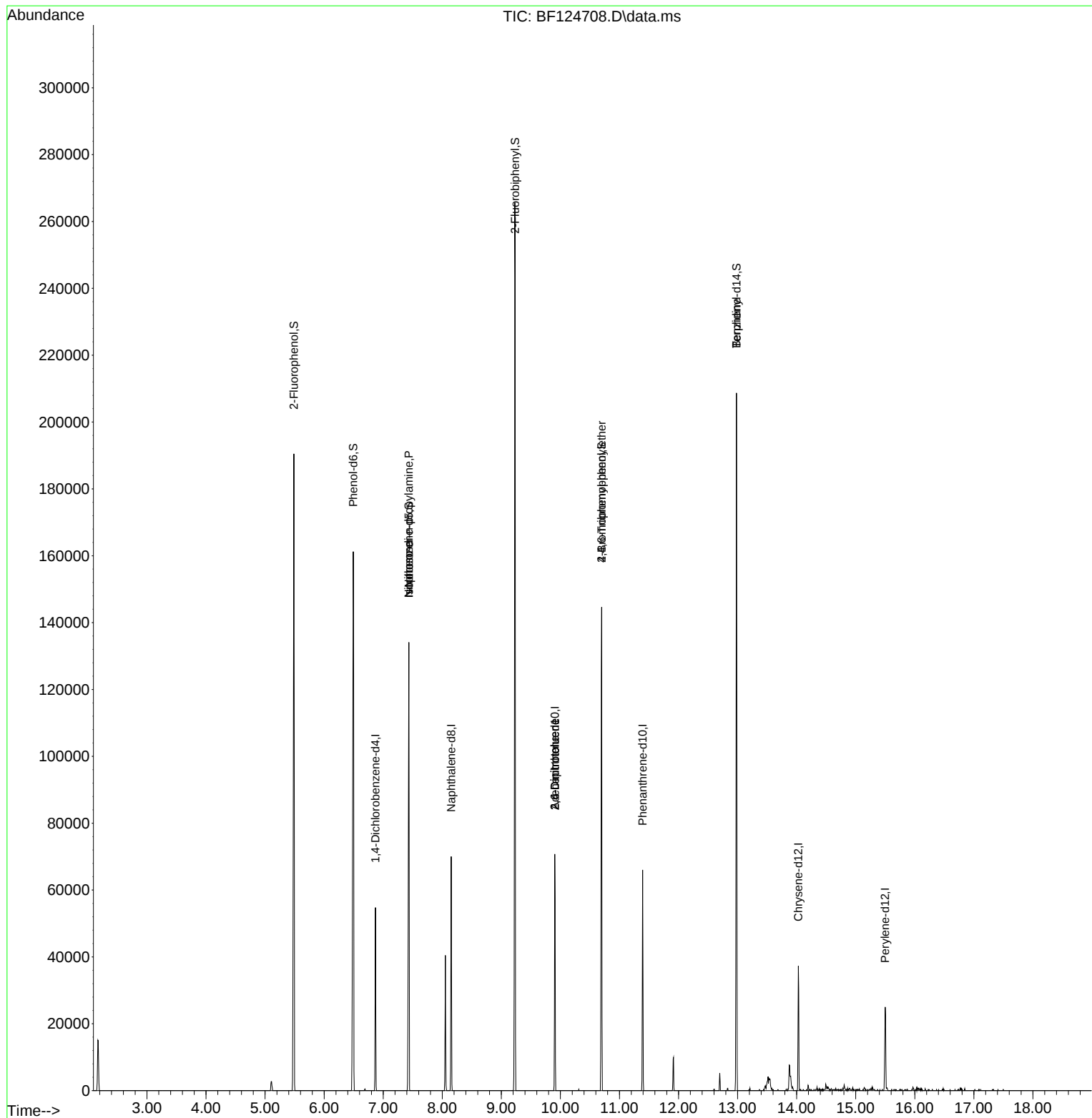
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	7184	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	28061	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	14673	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	22361	20.000	ng	0.00
76) Chrysene-d12	14.027	240	13555	20.000	ng	-0.01
86) Perylene-d12	15.498	264	12636	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	55347	130.444	ng	0.00
7) Phenol-d6	6.493	99	65603	123.333	ng	0.00
23) Nitrobenzene-d5	7.434	82	39974	84.785	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	13625	108.150	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	87344	87.430	ng	0.00
79) Terphenyl-d14	12.980	244	67288	85.092	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	5147	18.121	ng	# 73
25) Isophorone	7.434	82	39974	47.950	ng	# 59
51) 2,6-Dinitrotoluene	9.904	165	1700	7.616	ng	# 26
57) 2,4-Dinitrotoluene	9.904	165	1700	5.612	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	1162	4.900	ng	# 1
77) Benzidine	12.980	184	934	2.444	ng	# 69

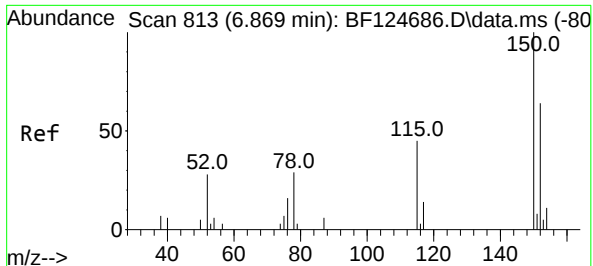
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 15:28:57 2021
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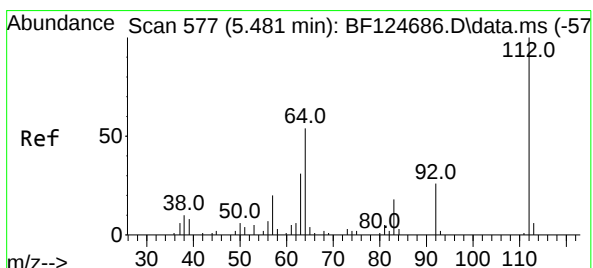
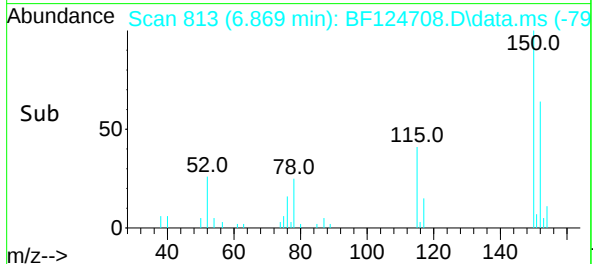
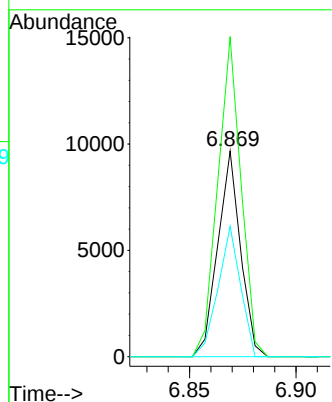
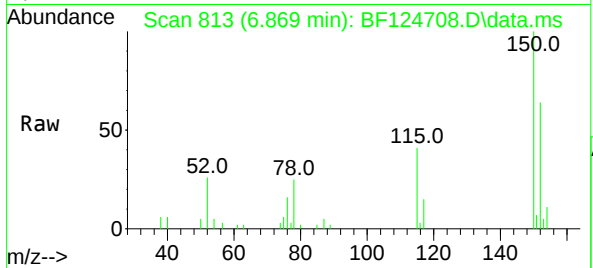




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. 0.000 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

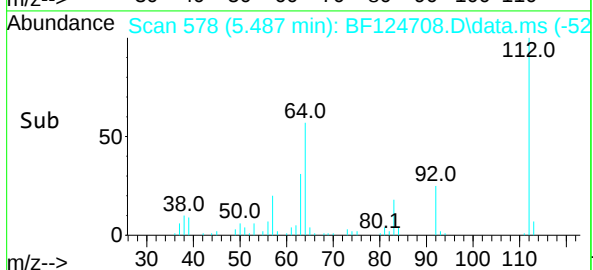
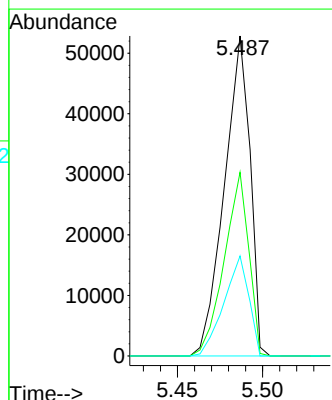
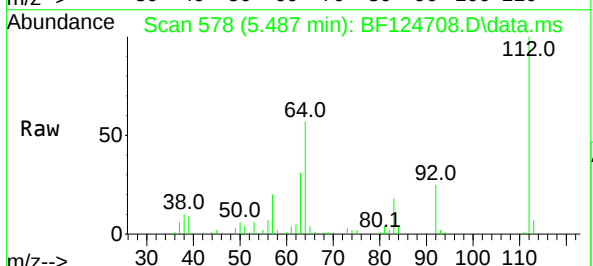
Instrument :
BNA_F
ClientSampled :
RO-VNJ-207

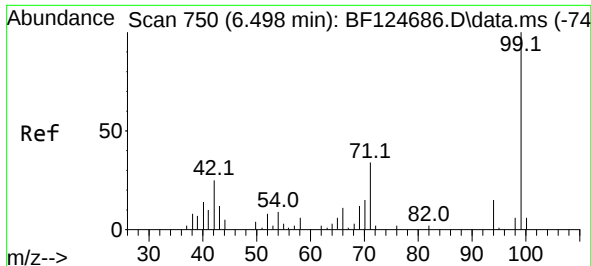
Tgt Ion:152 Resp: 7184
Ion Ratio Lower Upper
152 100
150 155.6 117.6 176.4
115 63.3 47.1 70.7



#5
2-Fluorophenol
Concen: 130.444 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

Tgt Ion:112 Resp: 55347
Ion Ratio Lower Upper
112 100
64 57.4 44.2 66.2
63 31.2 26.2 39.2

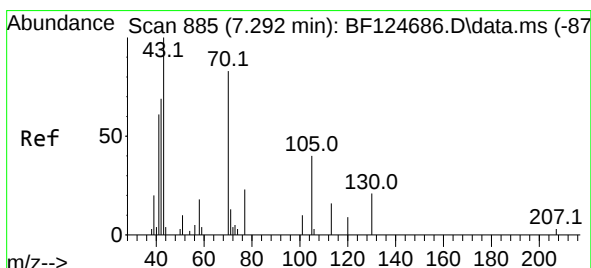
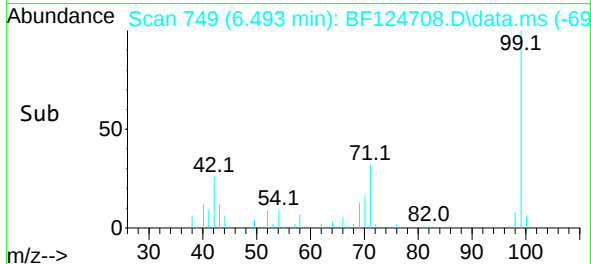
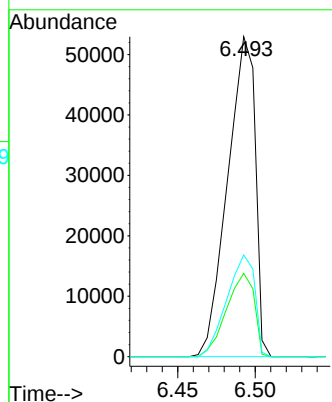
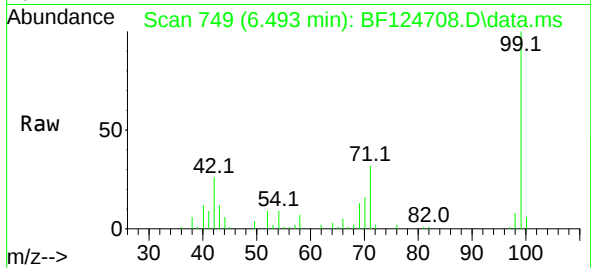




#7
Phenol-d6
Concen: 123.333 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

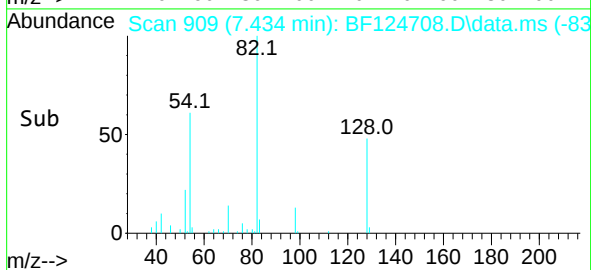
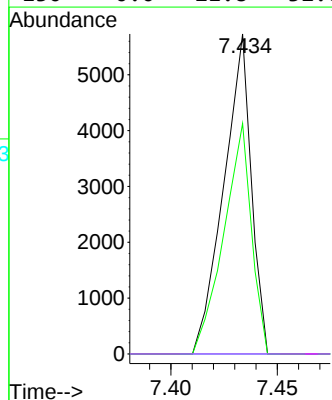
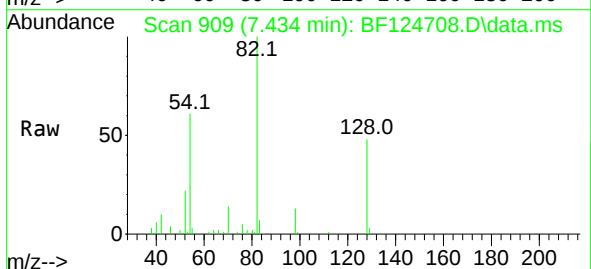
Instrument :
BNA_F
ClientSampled :
RO-VNJ-207

Tgt Ion: 99 Resp: 65603
Ion Ratio Lower Upper
99 100
42 26.1 23.5 35.3
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.121 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

Tgt Ion: 70 Resp: 5147
Ion Ratio Lower Upper
70 100
42 72.1 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

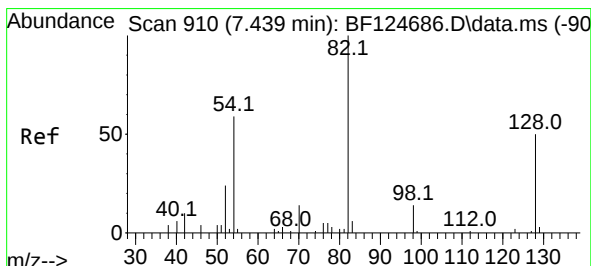
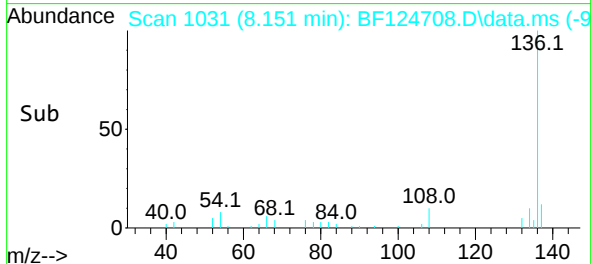
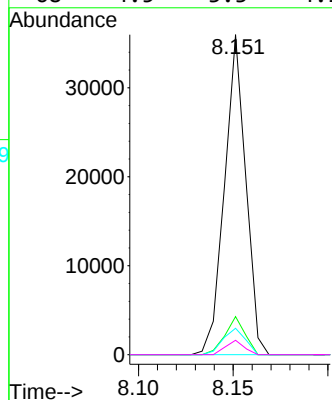
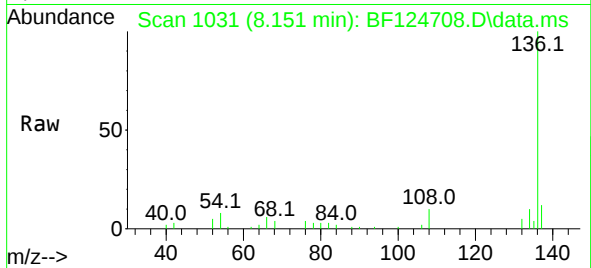




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

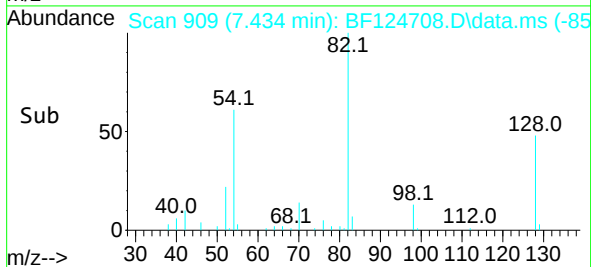
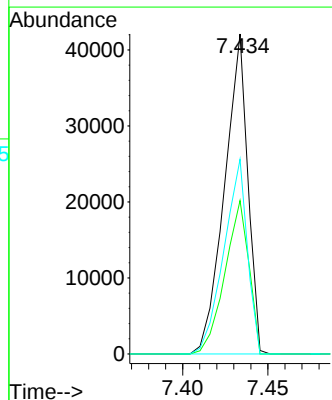
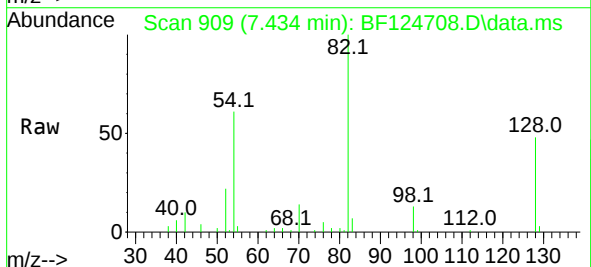
Instrument :
BNA_F
ClientSampled :
RO-VNJ-207

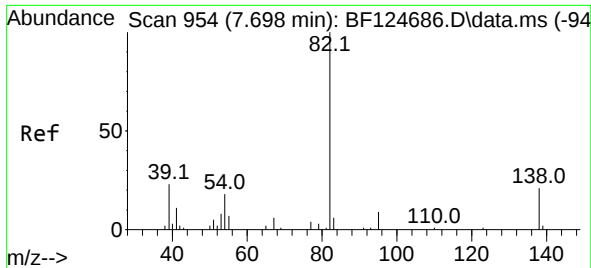
Tgt Ion:136	Resp:	28061
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.8 14.6
54	8.2	6.4 9.6
68	4.5	3.3 4.9



#23
Nitrobenzene-d5
Concen: 84.785 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

Tgt Ion: 82	Resp:	39974
Ion Ratio	Lower	Upper
82	100	
128	47.9	40.6 60.8
54	60.9	49.6 74.4

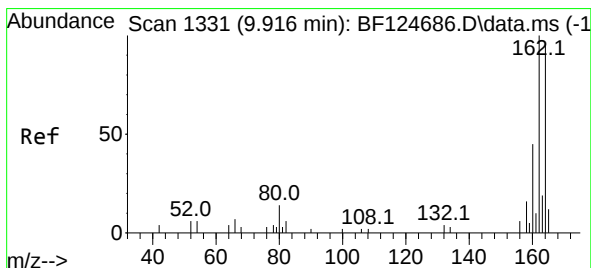
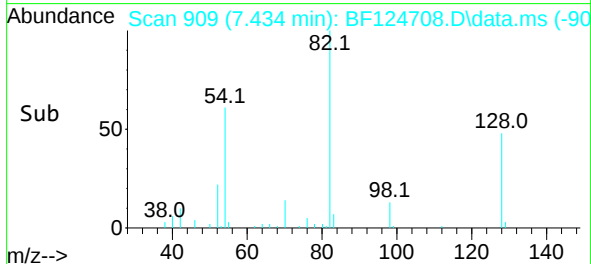
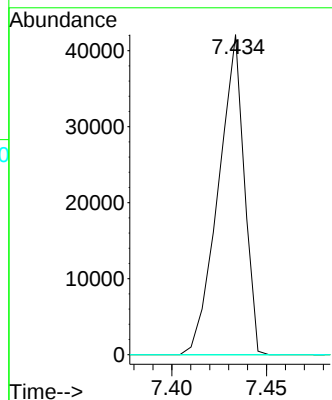
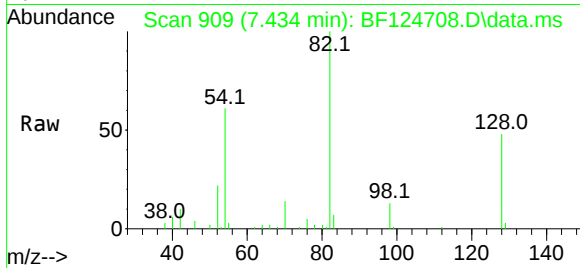




#25
Isophorone
Concen: 47.950 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

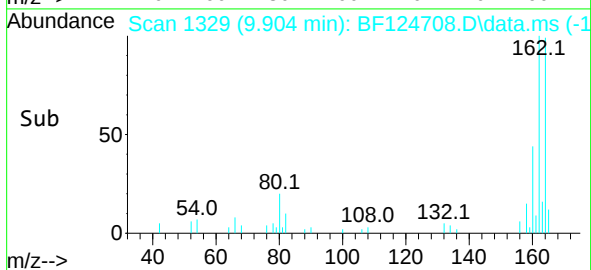
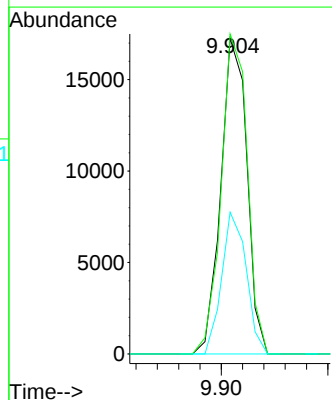
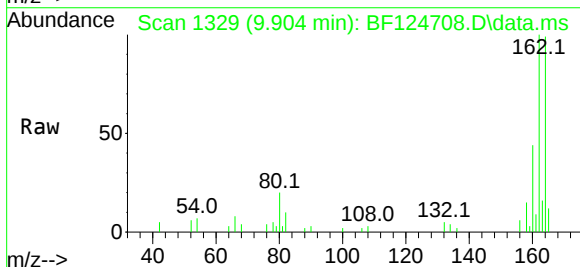
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-207

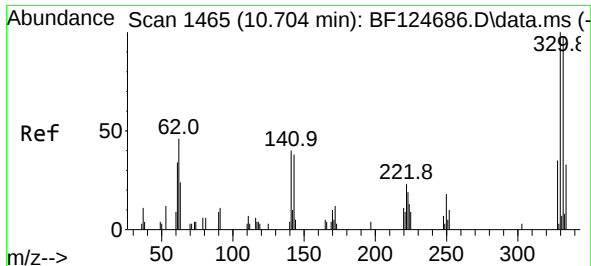
Tgt Ion: 82 Resp: 39974
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

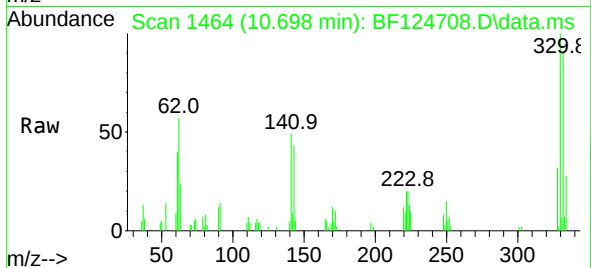
Tgt Ion: 164 Resp: 14673
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 44.9 38.0 57.0



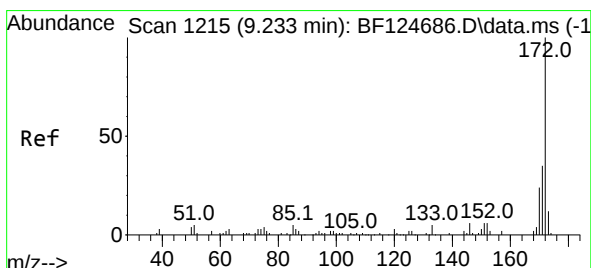
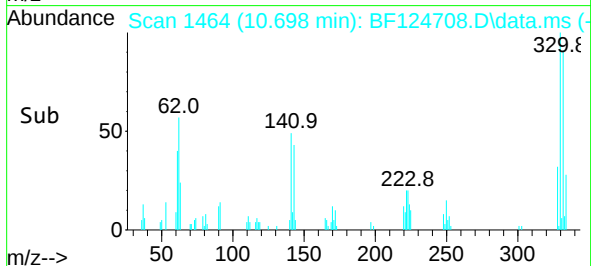
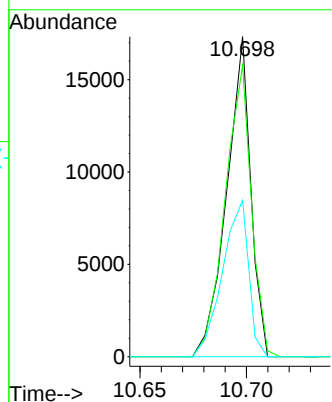


#42
2,4,6-Tribromophenol
Concen: 108.150 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

Instrument :
BNA_F
ClientSampleId :
RO-VNJ-207

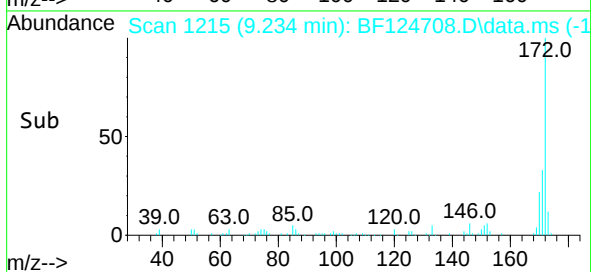
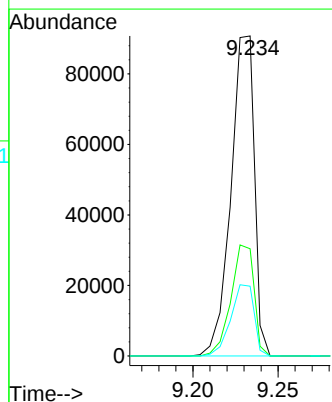
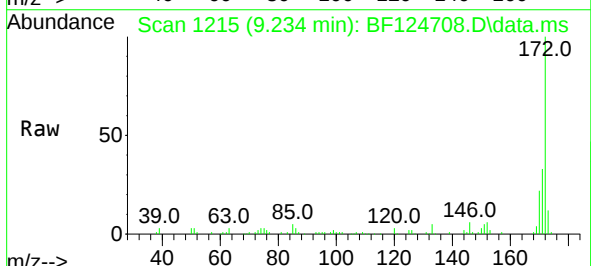


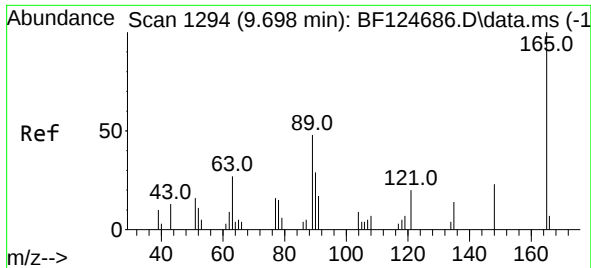
Tgt Ion: 330 Resp: 13625
Ion Ratio Lower Upper
330 100
332 99.2 76.2 114.4
141 53.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 87.430 ng
RT: 9.234 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

Tgt Ion: 172 Resp: 87344
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 21.8 18.8 28.2

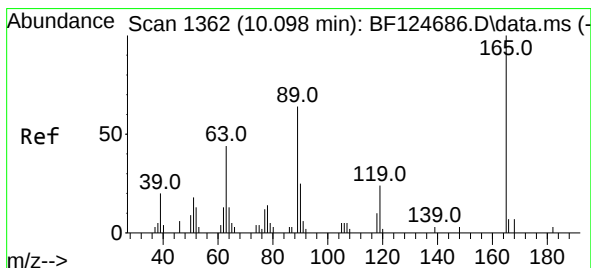
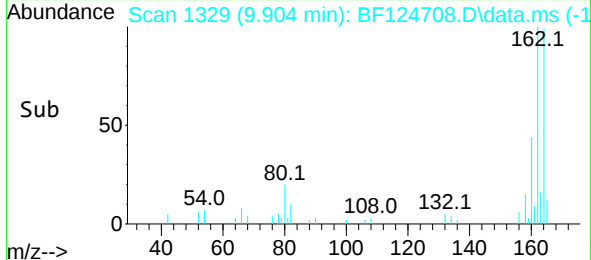
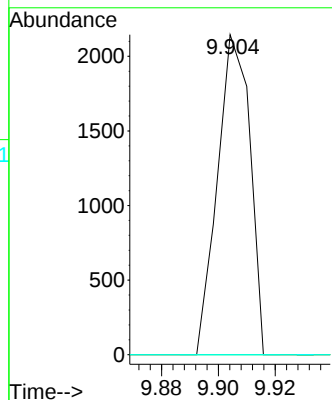
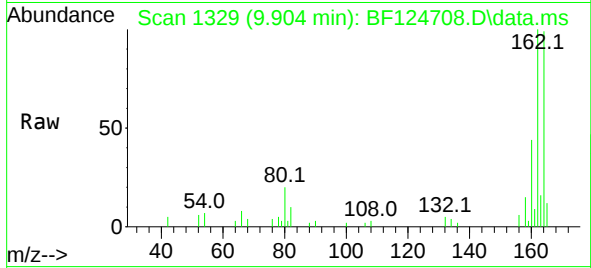




#51
2,6-Dinitrotoluene
Concen: 7.616 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

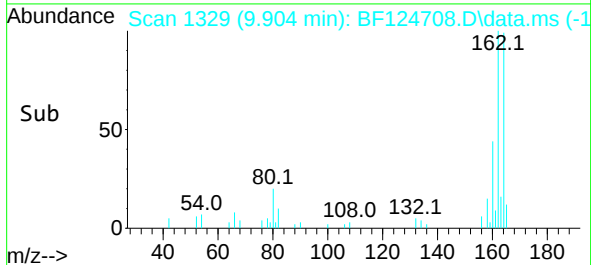
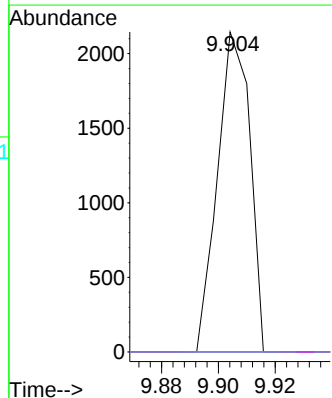
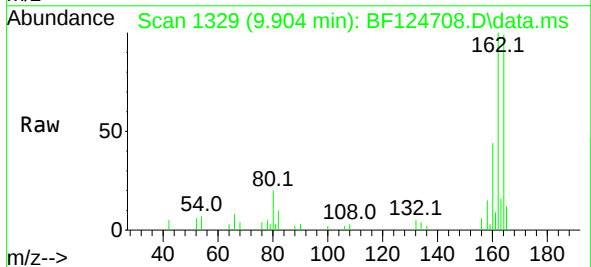
Instrument :
BNA_F
ClientSampled :
RO-VNJ-207

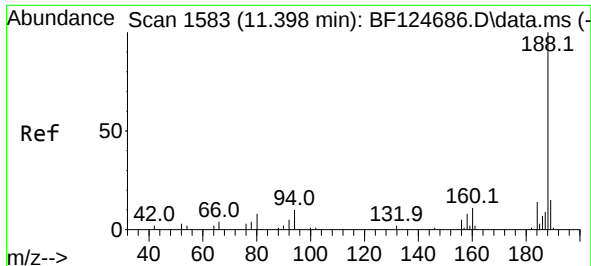
Tgt Ion:165 Resp: 1700
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.612 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

Tgt Ion:165 Resp: 1700
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

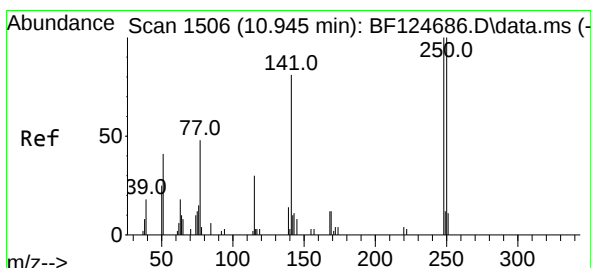
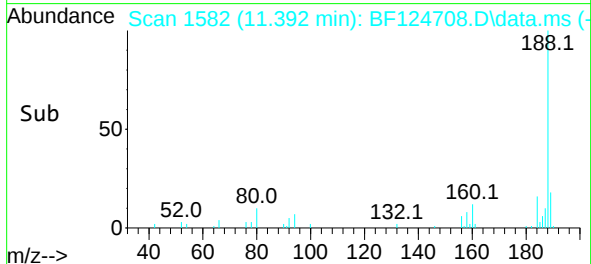
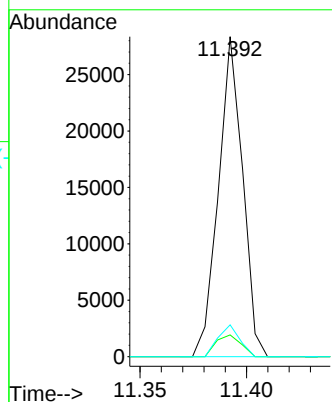
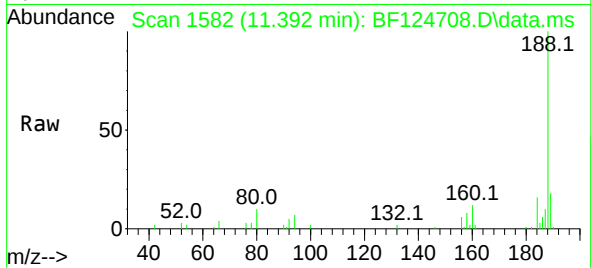




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

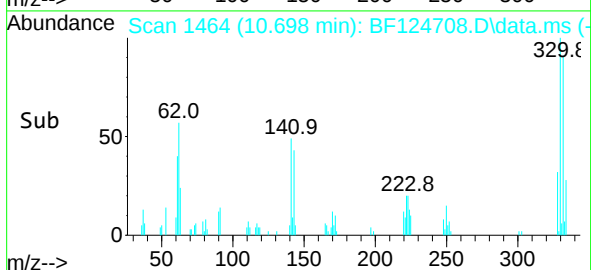
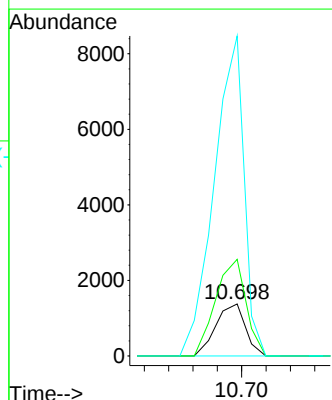
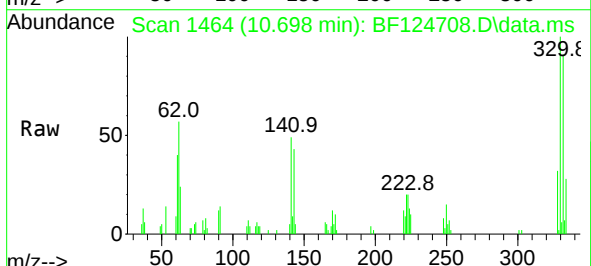
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-207

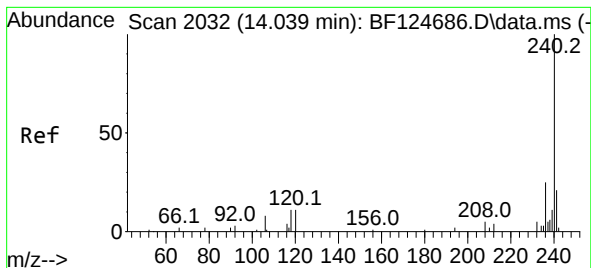
Tgt Ion:188 Resp: 22361
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 10.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.900 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.247 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

Tgt Ion:248 Resp: 1162
Ion Ratio Lower Upper
248 100
250 185.8 74.2 111.4#
141 615.3 60.4 90.6#

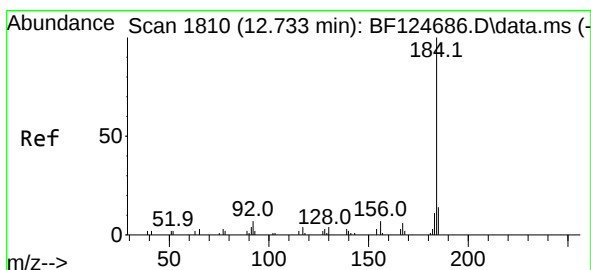
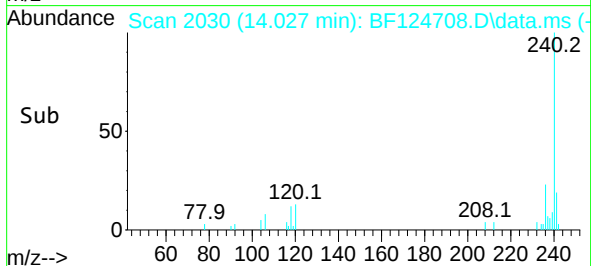
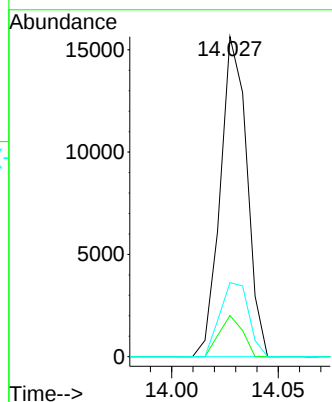
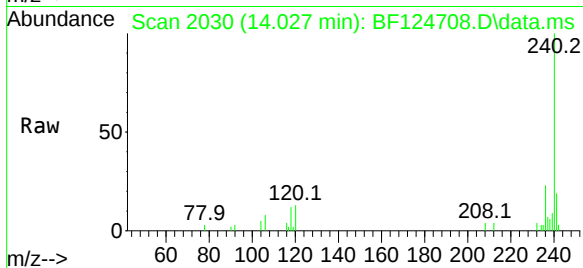




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

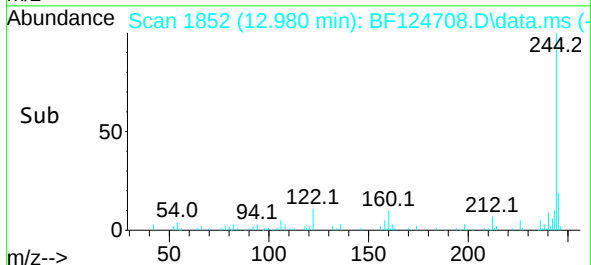
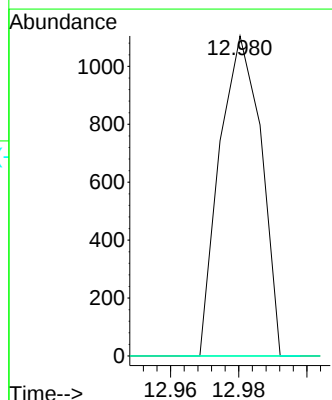
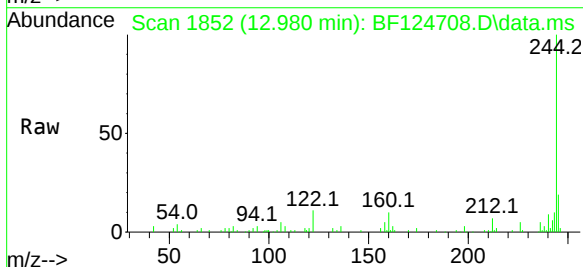
Instrument :
BNA_F
ClientSampleId :
RO-VNJ-207

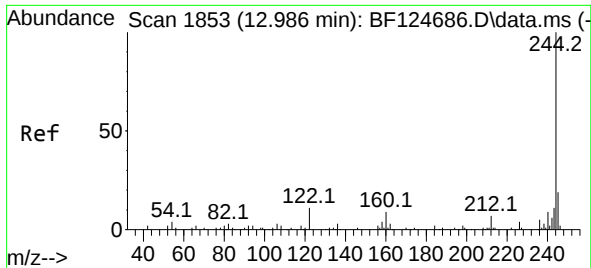
Tgt Ion:240 Resp: 13555
Ion Ratio Lower Upper
240 100
120 12.9 10.8 16.2
236 23.1 21.6 32.4



#77
Benzidine
Concen: 2.444 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF124708.D
Acq: 23 Jul 2021 11:29

Tgt Ion:184 Resp: 934
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

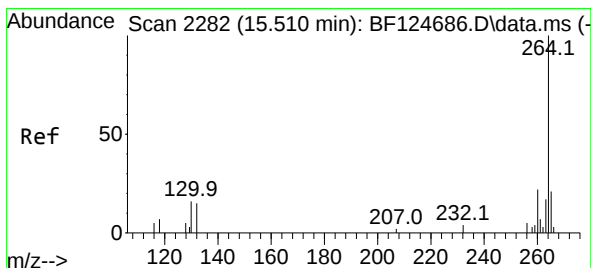
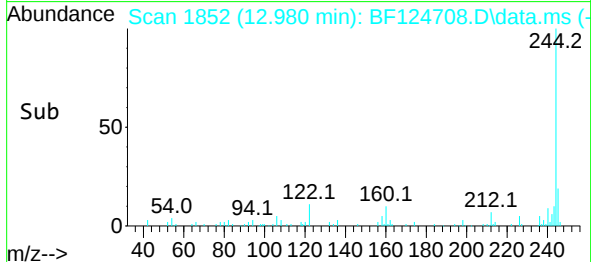
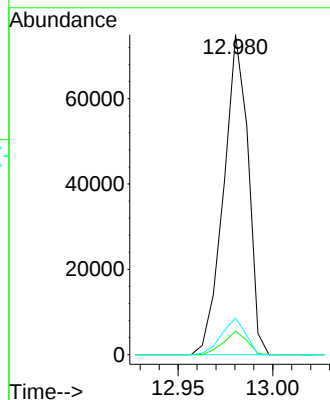
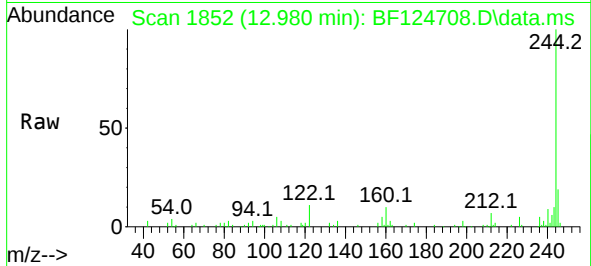




#79
 Terphenyl-d14
 Concen: 85.092 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF124708.D
 Acq: 23 Jul 2021 11:29

Instrument :
 BNA_F
 ClientSampleId :
 RO-VNJ-207

Tgt Ion:244 Resp: 67288
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2280
 Delta R.T. -0.012 min
 Lab File: BF124708.D
 Acq: 23 Jul 2021 11:29

Tgt Ion:264 Resp: 12636
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 21.3 17.2 25.8

