

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124678.D
 Acq On : 22 Jul 2021 00:06
 Operator : JU/CG
 Sample : M3088-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1-(A-D)-(0-4.5)

Quant Time: Jul 22 01:31:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 21 16:08:04 2021
 Response via : Initial Calibration

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

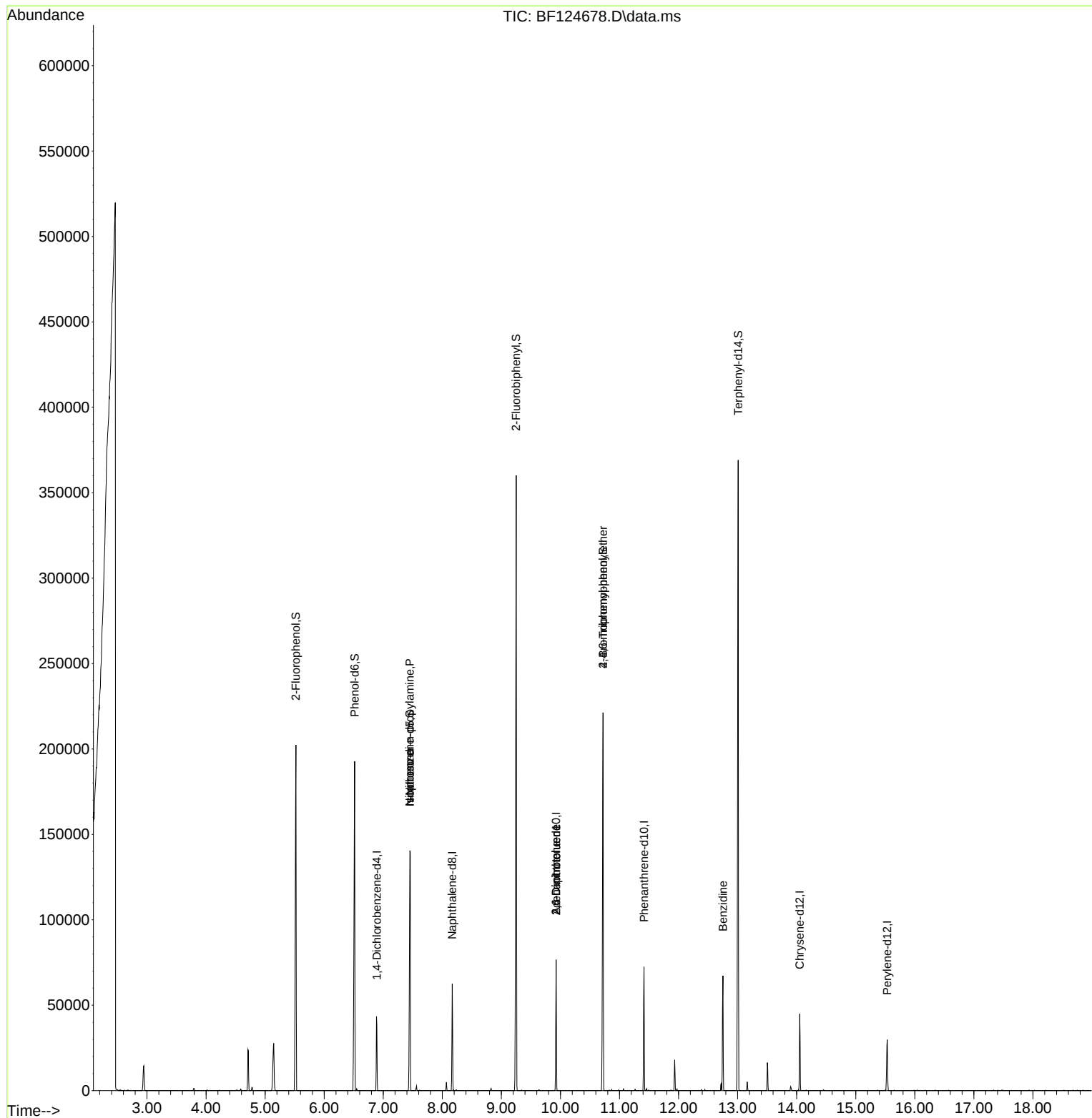
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	6657	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	26340	20.00	ng	# 0.00
39) Acenaphthene-d10	9.927	164	14994	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	26274	20.00	ng	0.00
76) Chrysene-d12	14.051	240	16623	20.00	ng	-0.01
86) Perylene-d12	15.533	264	15130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	60386	157.16	ng	0.01
7) Phenol-d6	6.516	99	65025	139.12	ng	0.00
23) Nitrobenzene-d5	7.451	82	51349	123.06	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	21903	187.72	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	114321	111.18	ng	0.00
79) Terphenyl-d14	13.010	244	123685	124.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	6361	24.21	ng	# 72
25) Isophorone	7.451	82	51347	67.03	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	2026	9.85	ng	# 26
57) 2,4-Dinitrotoluene	9.927	165	2026	7.20	ng	# 18
67) 4-Bromophenyl-phenylether	10.721	248	1658	6.10	ng	# 1
77) Benzidine	12.751	184	24016	38.65	ng	97

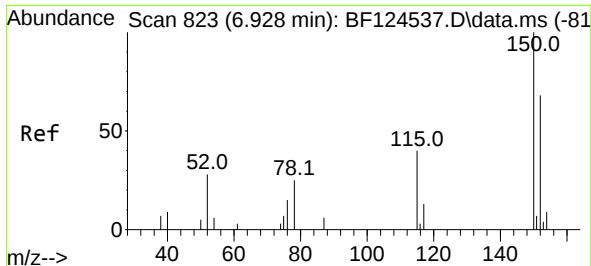
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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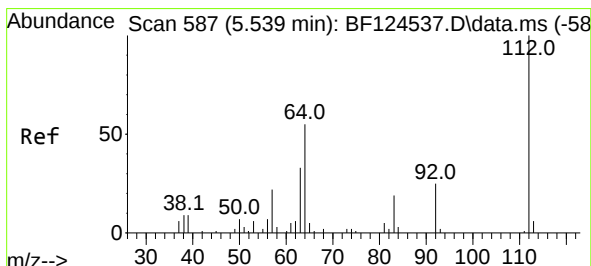
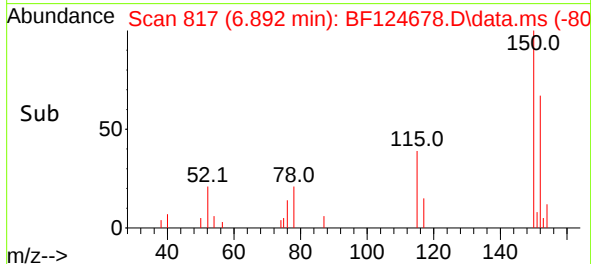
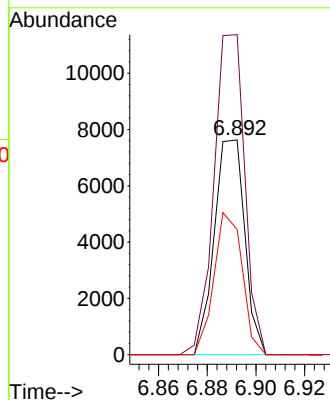
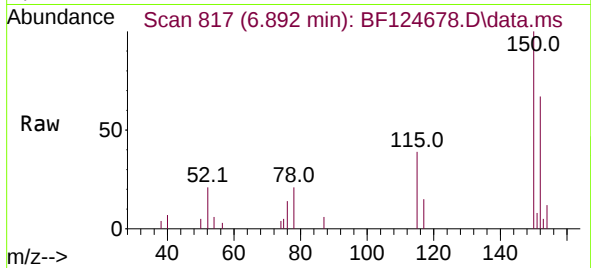




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

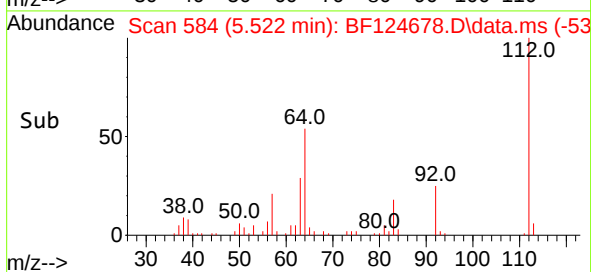
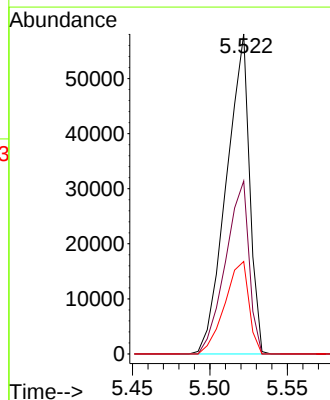
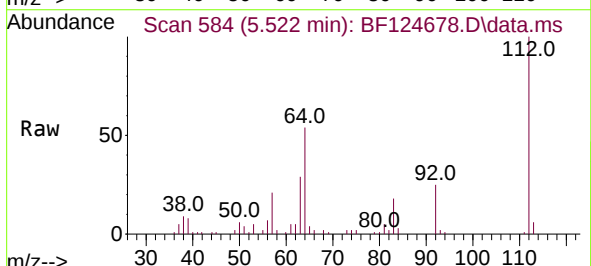
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

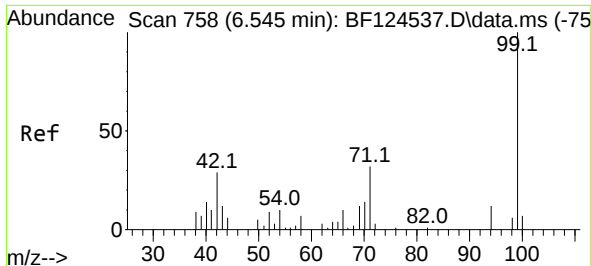
Tgt Ion:152 Resp: 6657
Ion Ratio Lower Upper
152 100
150 149.0 117.6 176.4
115 58.3 47.1 70.7



#5
2-Fluorophenol
Concen: 157.16 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

Tgt Ion:112 Resp: 60386
Ion Ratio Lower Upper
112 100
64 54.1 44.2 66.2
63 28.9 26.2 39.2

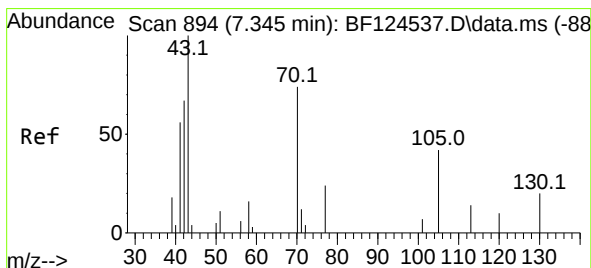
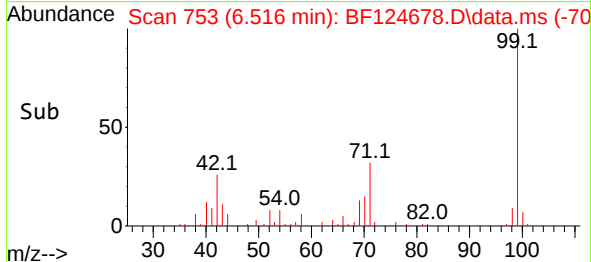
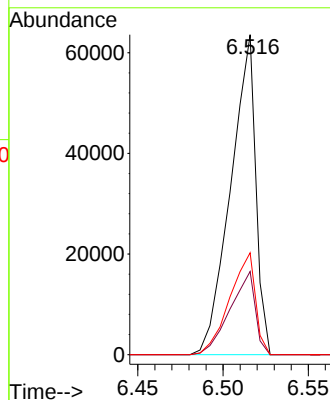
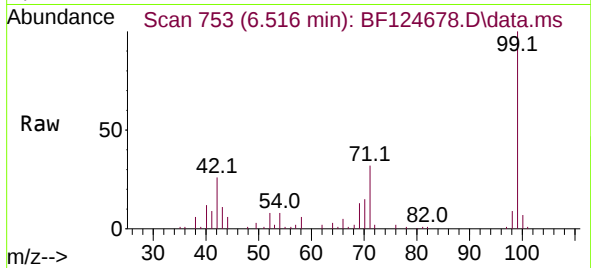




#7
Phenol-d6
Concen: 139.12 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

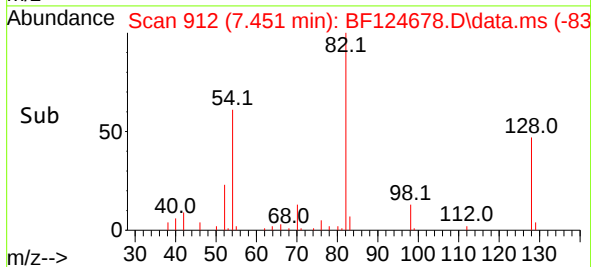
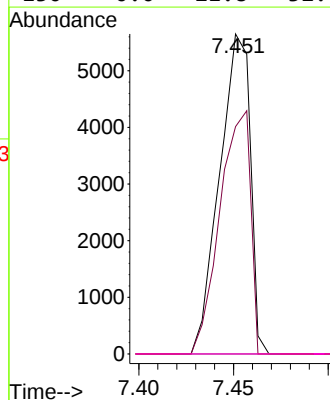
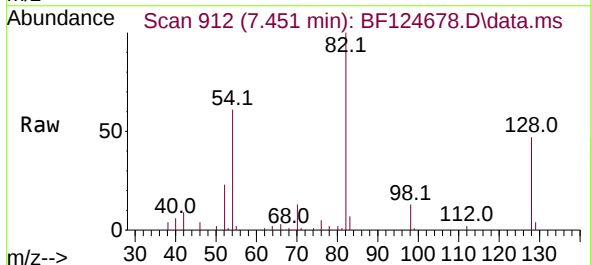
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

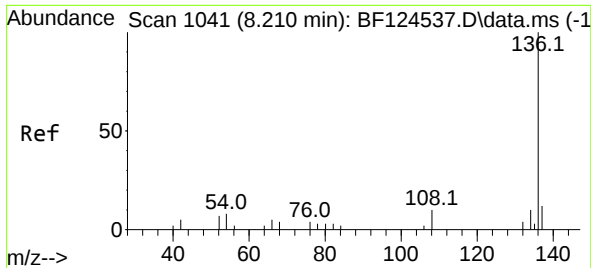
Tgt Ion: 99 Resp: 65025
Ion Ratio Lower Upper
99 100
42 26.0 23.5 35.3
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 24.21 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

Tgt Ion: 70 Resp: 6361
Ion Ratio Lower Upper
70 100
42 71.0 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

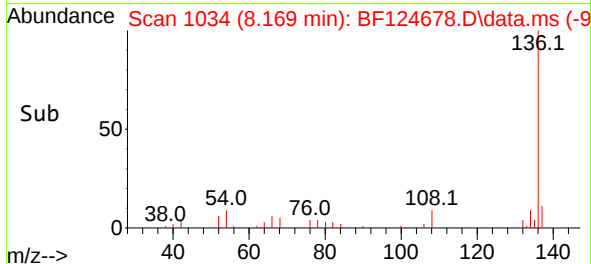
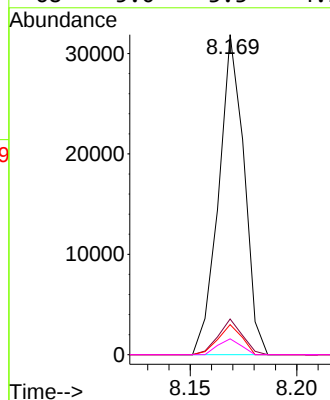
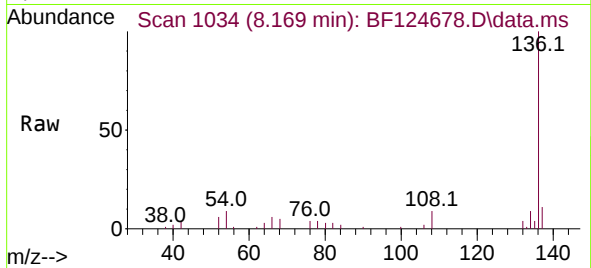




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

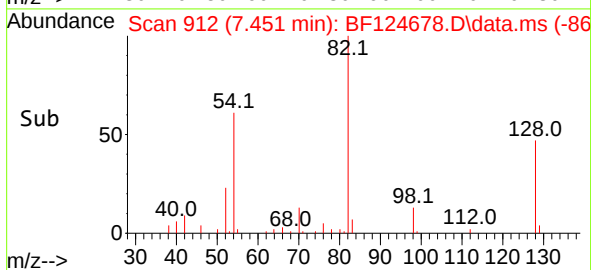
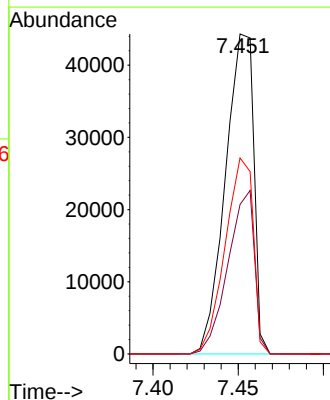
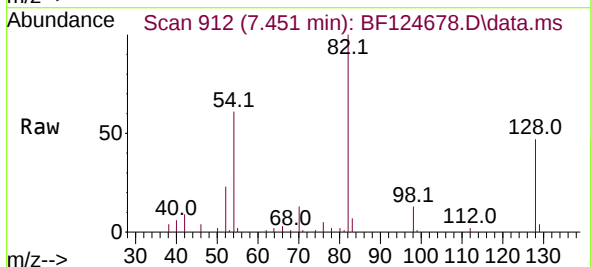
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

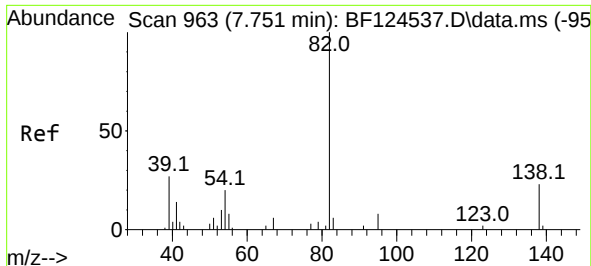
Tgt Ion:	136	Resp:	26340
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.8	14.6
54	9.4	6.4	9.6
68	5.0	3.3	4.9



#23
Nitrobenzene-d5
Concen: 123.06 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

Tgt Ion:	82	Resp:	51349
Ion Ratio	Lower	Upper	
82	100		
128	46.7	40.6	60.8
54	61.3	49.6	74.4

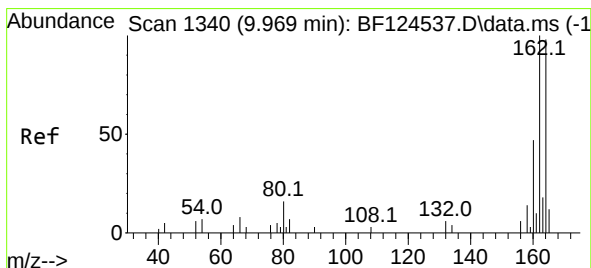
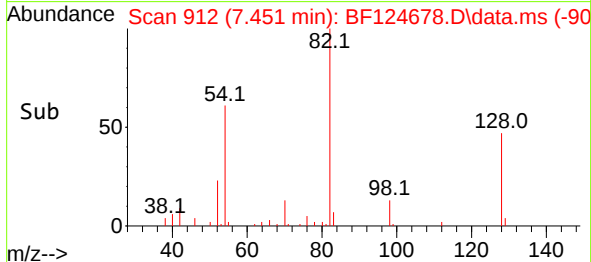
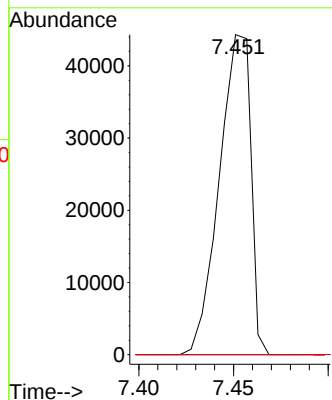
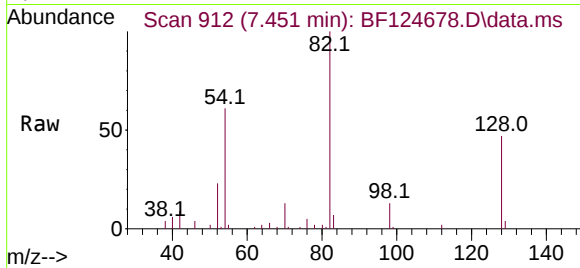




#25
Isophorone
Concen: 67.03 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

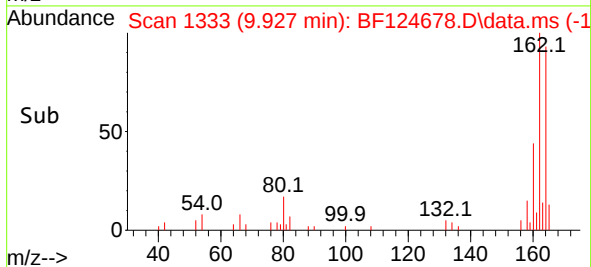
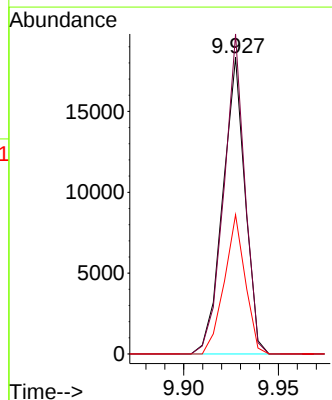
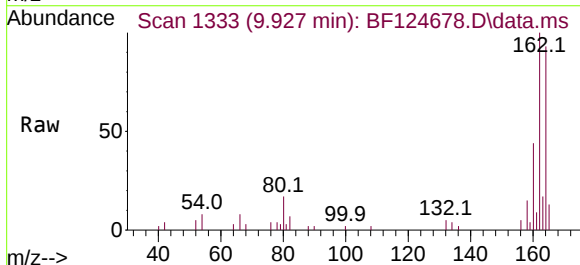
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

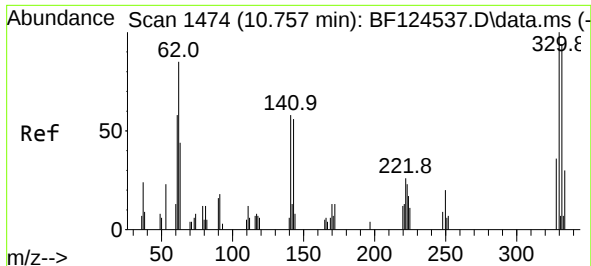
Tgt Ion: 82 Resp: 51347
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

Tgt Ion:164 Resp: 14994
Ion Ratio Lower Upper
164 100
162 107.9 81.3 121.9
160 47.0 38.0 57.0

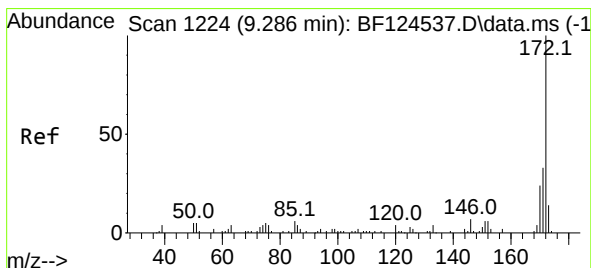
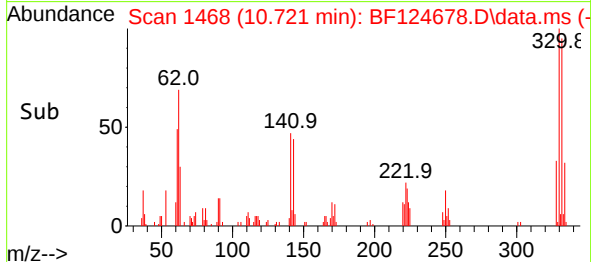
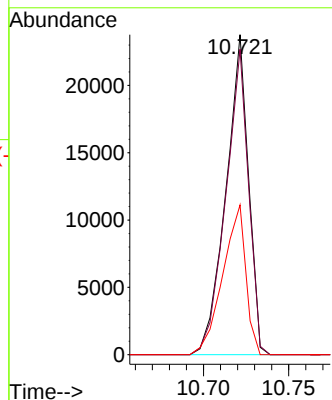
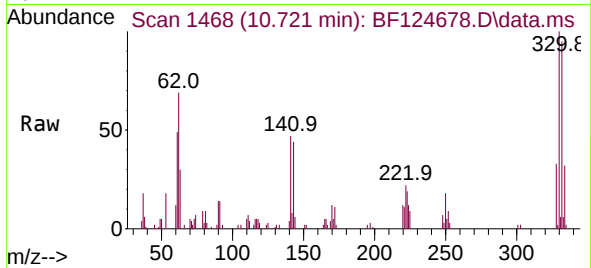




#42
2,4,6-Tribromophenol
Concen: 187.72 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

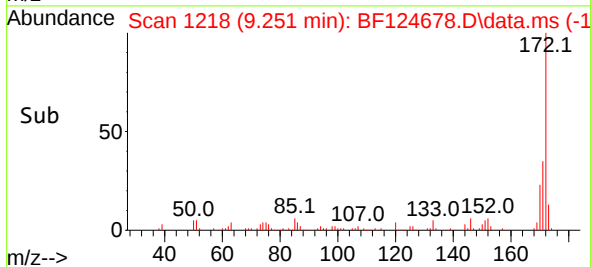
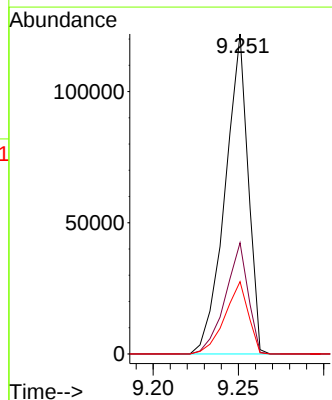
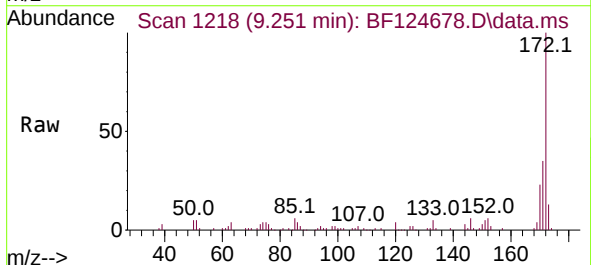
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

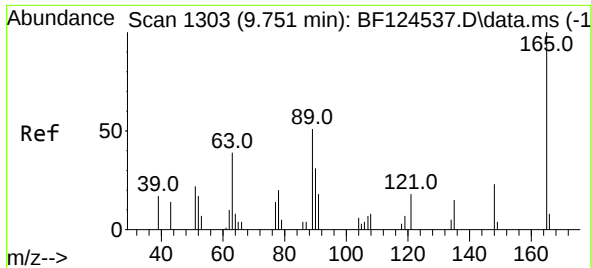
Tgt Ion: 330 Resp: 21903
Ion Ratio Lower Upper
330 100
332 96.0 76.2 114.4
141 47.7 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 111.18 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

Tgt Ion: 172 Resp: 114321
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 22.6 18.8 28.2

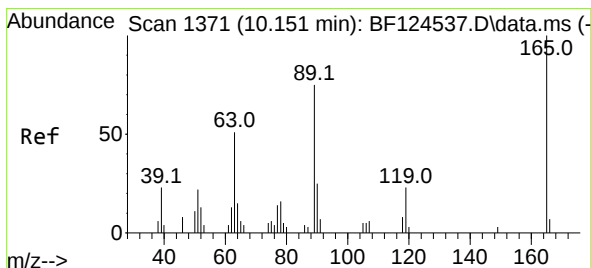
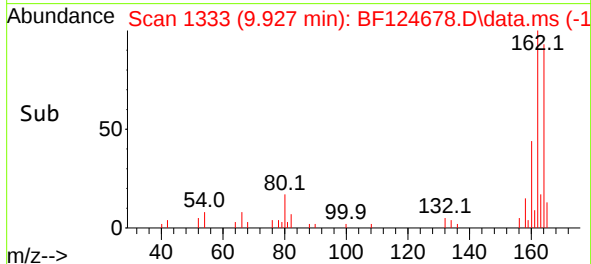
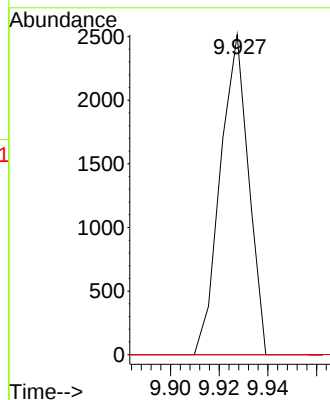
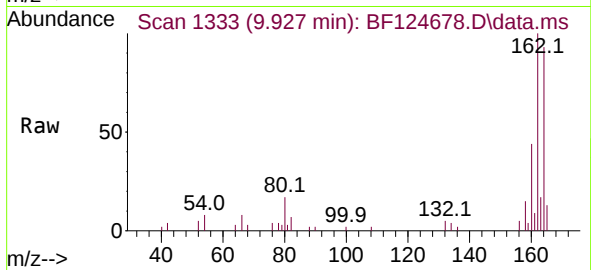




#51
2,6-Dinitrotoluene
Concen: 9.85 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

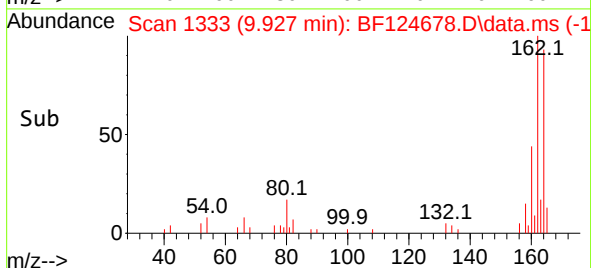
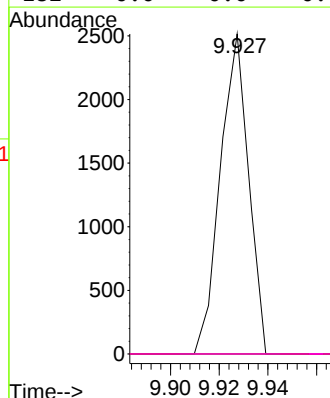
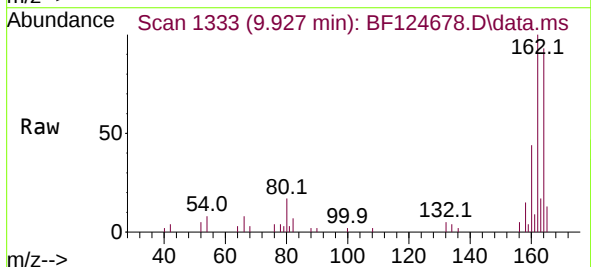
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

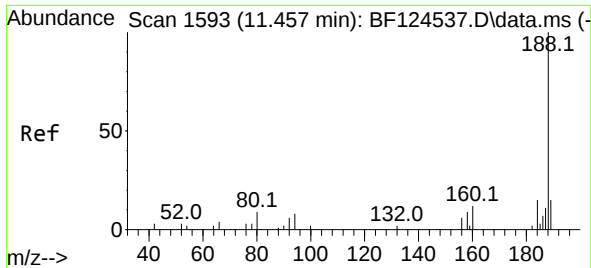
Tgt Ion:165 Resp: 2026
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.20 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

Tgt Ion:165 Resp: 2026
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

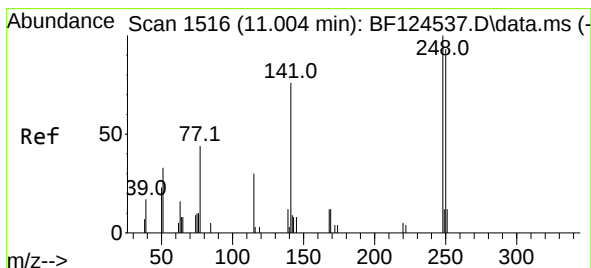
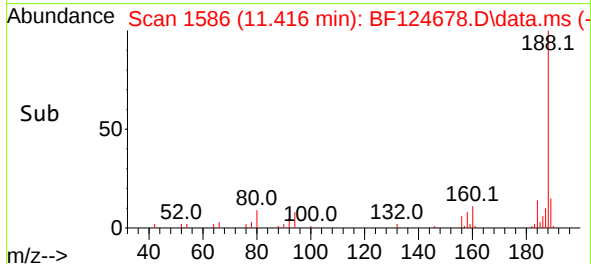
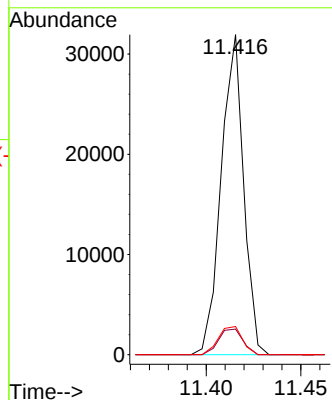
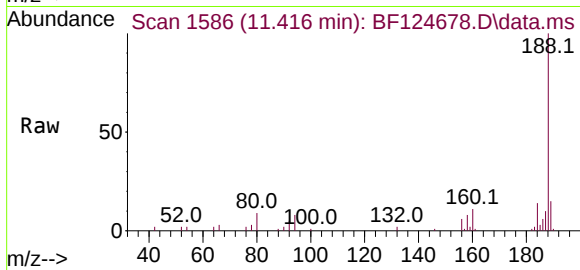




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

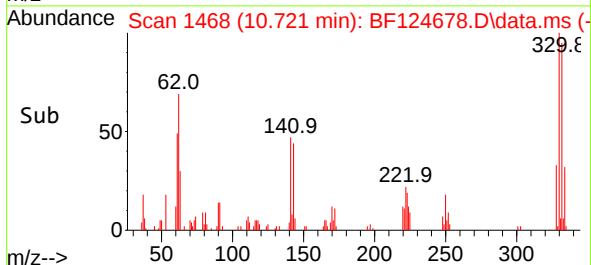
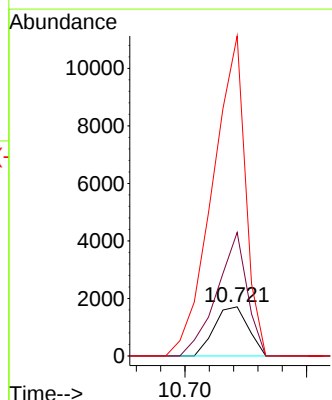
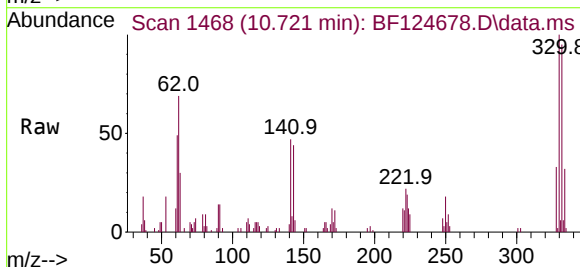
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

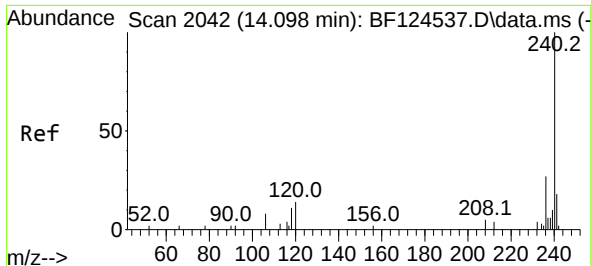
Tgt Ion:188 Resp: 26274
Ion Ratio Lower Upper
188 100
94 8.0 6.7 10.1
80 8.8 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 6.10 ng
RT: 10.721 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

Tgt Ion:248 Resp: 1658
Ion Ratio Lower Upper
248 100
250 251.7 74.2 111.4#
141 652.2 60.4 90.6#

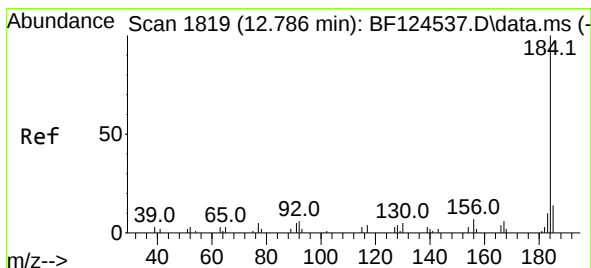
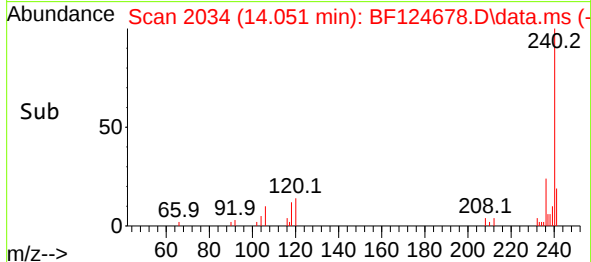
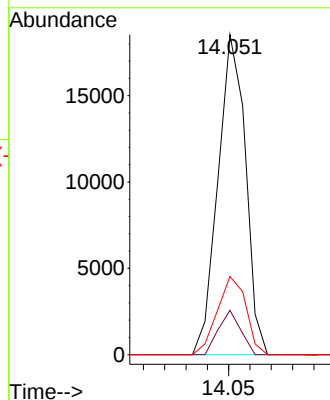
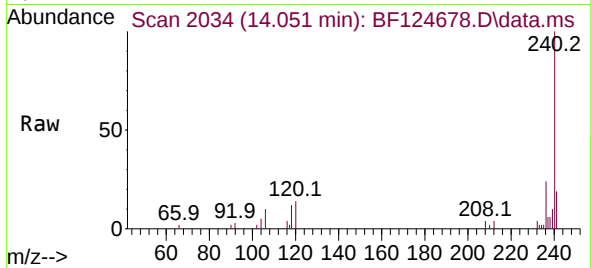




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

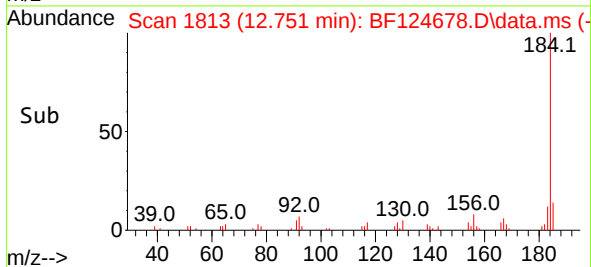
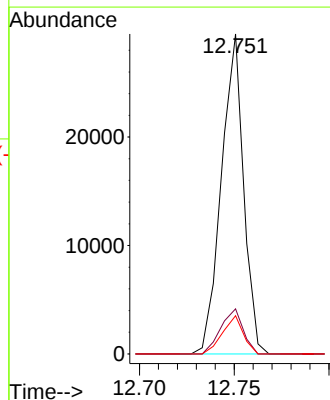
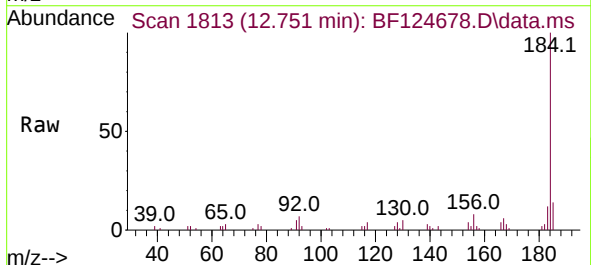
Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

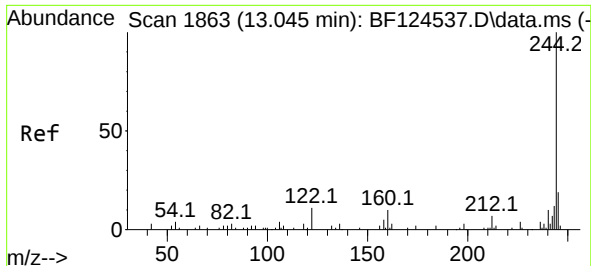
Tgt Ion:240 Resp: 16623
Ion Ratio Lower Upper
240 100
120 13.8 10.8 16.2
236 24.5 21.6 32.4



#77
Benzidine
Concen: 38.65 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

Tgt Ion:184 Resp: 24016
Ion Ratio Lower Upper
184 100
185 14.1 10.8 16.2
183 12.0 8.1 12.1

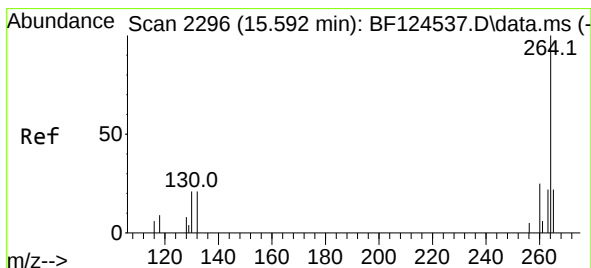
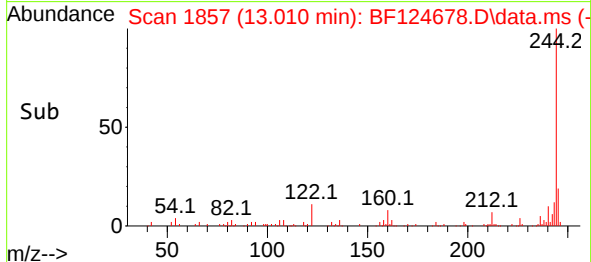
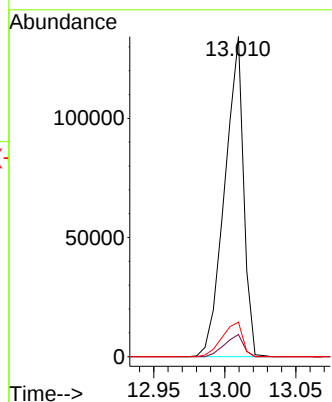
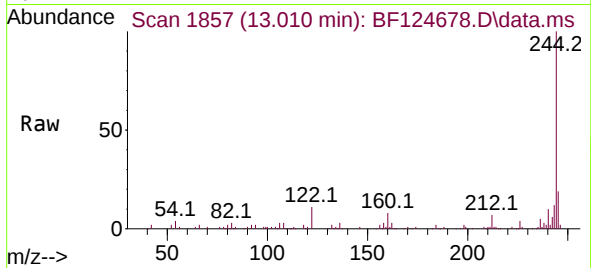




#79
Terphenyl-d14
Concen: 124.94 ng
RT: 13.010 min Scan# 1857
Delta R.T. 0.000 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

Instrument :
BNA_F
ClientSampleId :
B1-(A-D)-(0-4.5)

Tgt Ion:244	Resp:	123685
Ion Ratio	Lower	Upper
244	100	
212	6.9	5.9 8.9
122	10.8	9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.533 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BF124678.D
Acq: 22 Jul 2021 00:06

Tgt Ion:264	Resp:	15130
Ion Ratio	Lower	Upper
264	100	
260	25.7	19.6 29.4
265	21.9	17.2 25.8

