

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124679.D
 Acq On : 22 Jul 2021 00:39
 Operator : JU/CG
 Sample : M3089-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAR-N2-(A-D)-(0-12)

Quant Time: Jul 22 01:31:28 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)

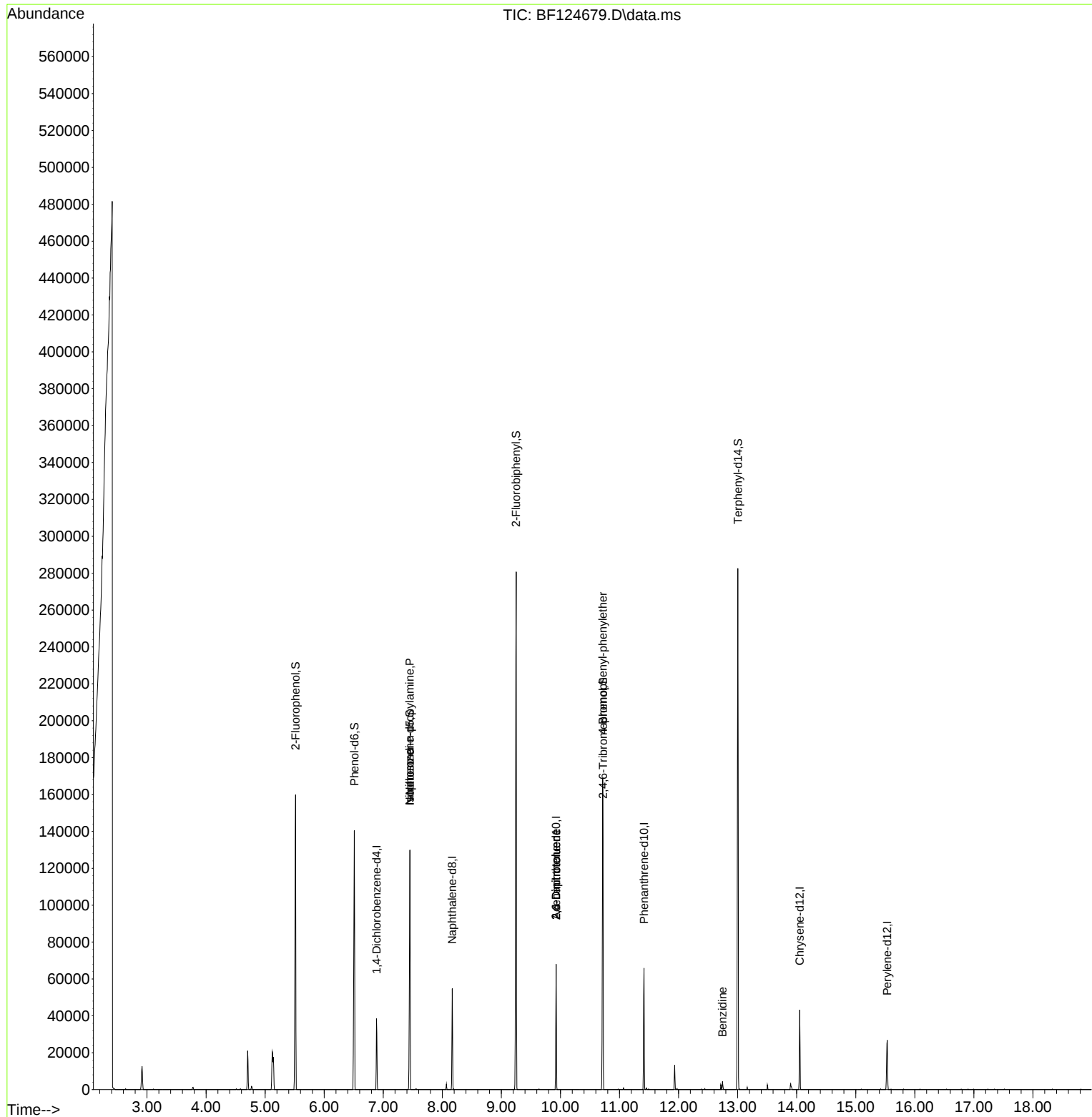
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	5925	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	23230	20.00	ng	0.00
39) Acenaphthene-d10	9.927	164	13131	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	23822	20.00	ng	0.00
76) Chrysene-d12	14.051	240	14783	20.00	ng	-0.01
86) Perylene-d12	15.533	264	13940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	44441	129.95	ng	0.00
7) Phenol-d6	6.510	99	47589	114.39	ng	-0.01
23) Nitrobenzene-d5	7.451	82	37469	101.82	ng	0.00
42) 2,4,6-Tribromophenol	10.721	330	17150	167.84	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	87438	97.10	ng	0.00
79) Terphenyl-d14	13.004	244	99315	112.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	5026	21.49	ng	Qvalue # 66
25) Isophorone	7.451	82	37468	55.46	ng	# 59
51) 2,6-Dinitrotoluene	9.927	165	1555	8.63	ng	# 26
57) 2,4-Dinitrotoluene	9.927	165	1555	6.31	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	1241	5.04	ng	# 1
77) Benzidine	12.745	184	2773	5.02	ng	95

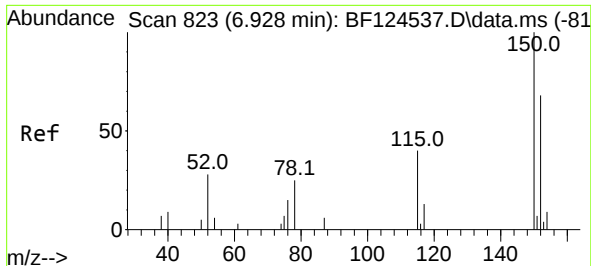
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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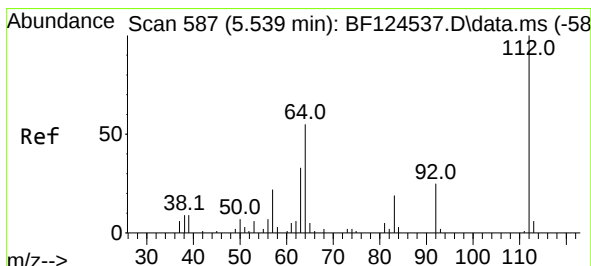
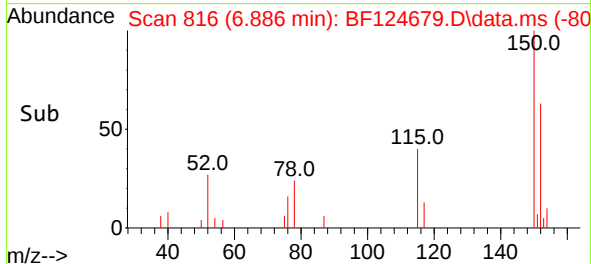
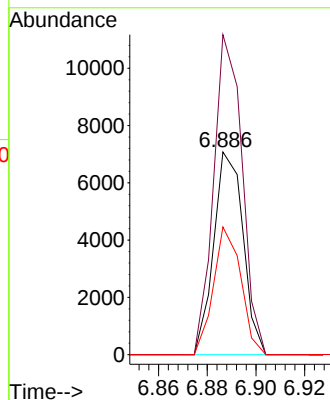
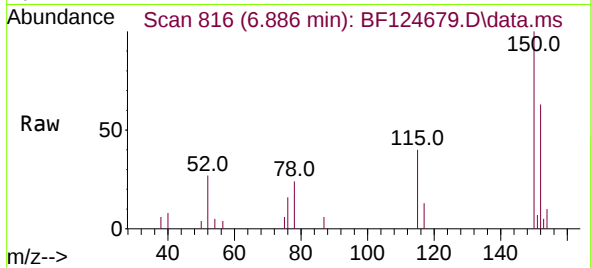




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

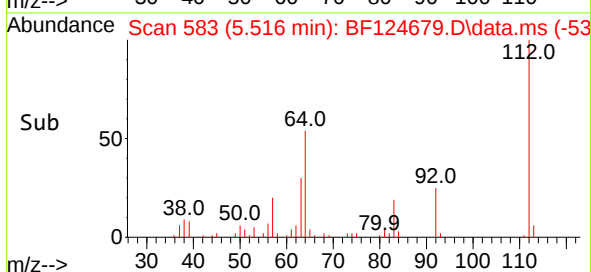
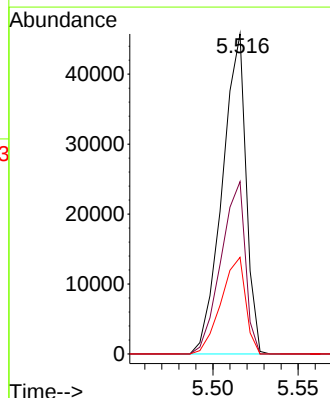
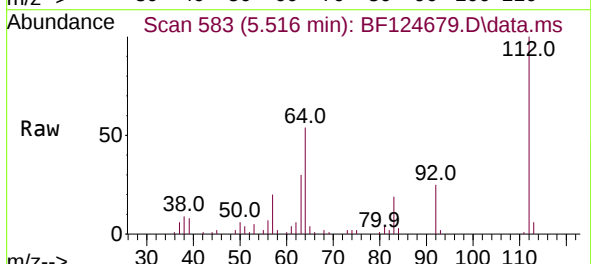
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

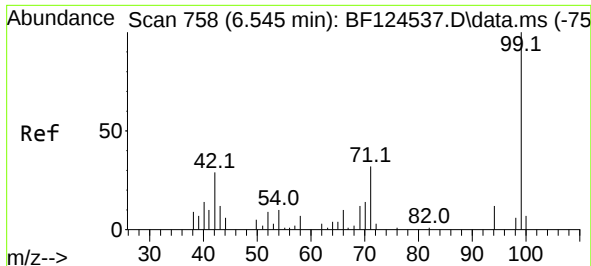
Tgt Ion:152 Resp: 5925
Ion Ratio Lower Upper
152 100
150 157.8 117.6 176.4
115 63.0 47.1 70.7



#5
2-Fluorophenol
Concen: 129.95 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

Tgt Ion:112 Resp: 44441
Ion Ratio Lower Upper
112 100
64 53.9 44.2 66.2
63 30.2 26.2 39.2

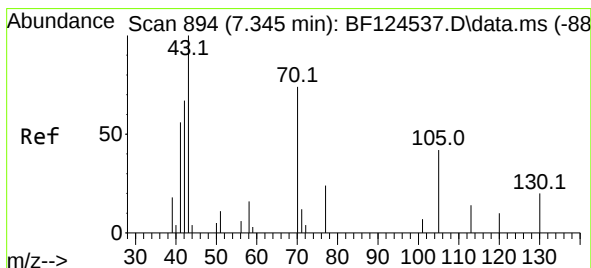
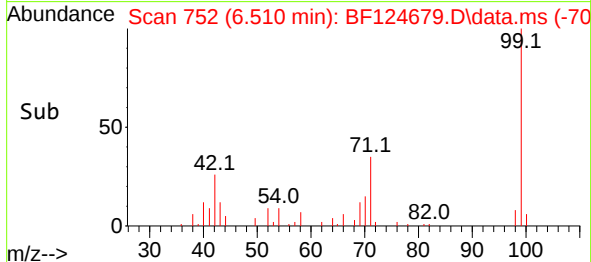
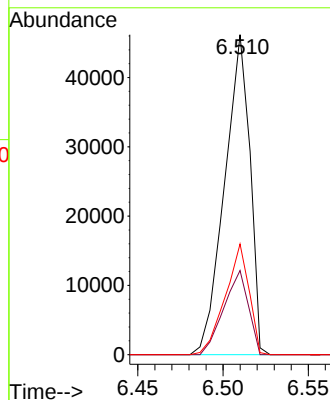
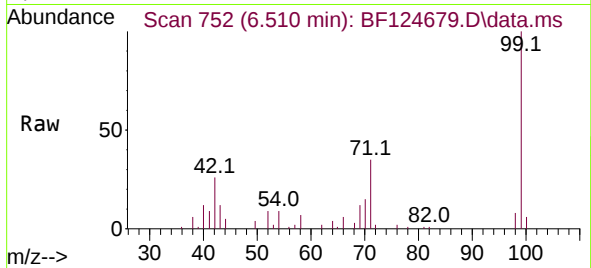




#7
Phenol-d6
Concen: 114.39 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

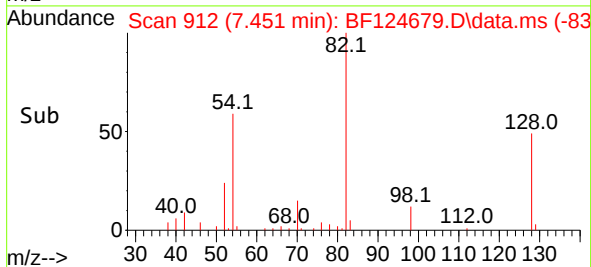
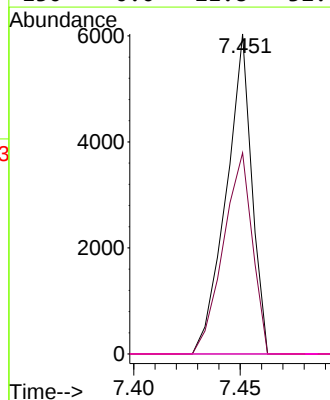
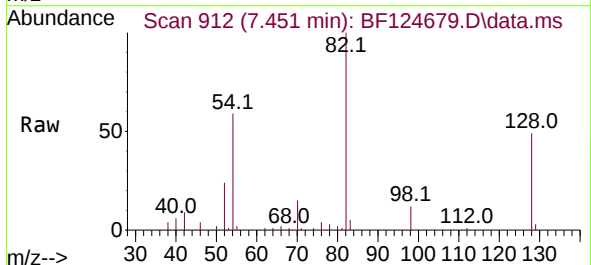
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

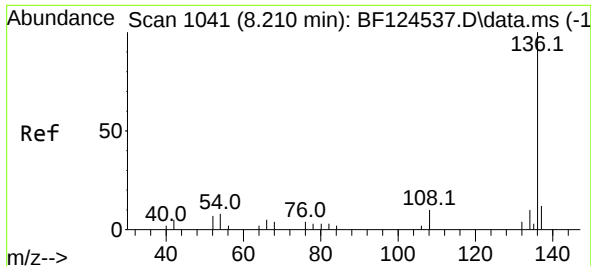
Tgt Ion: 99 Resp: 47589
Ion Ratio Lower Upper
99 100
42 26.3 23.5 35.3
71 34.6 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.49 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

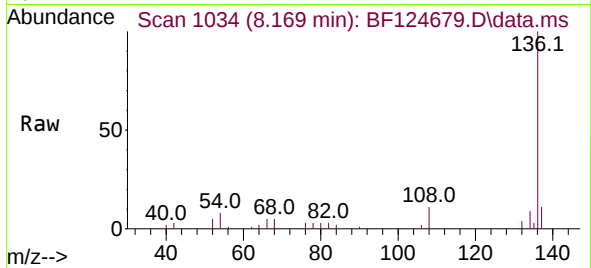
Tgt Ion: 70 Resp: 5026
Ion Ratio Lower Upper
70 100
42 62.9 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



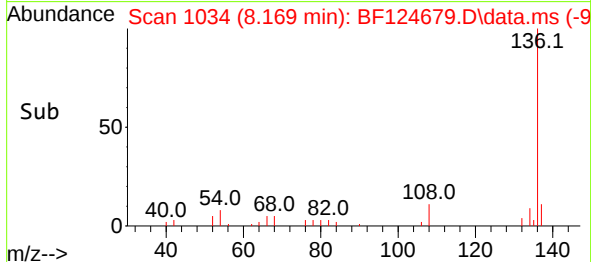
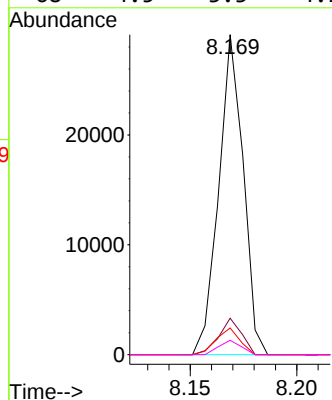


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

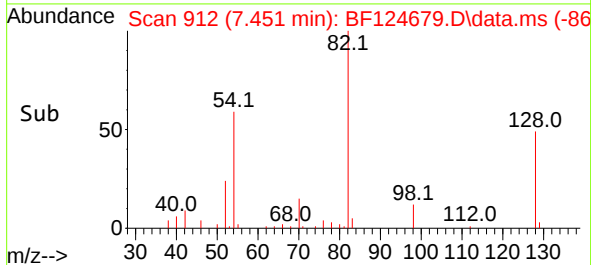
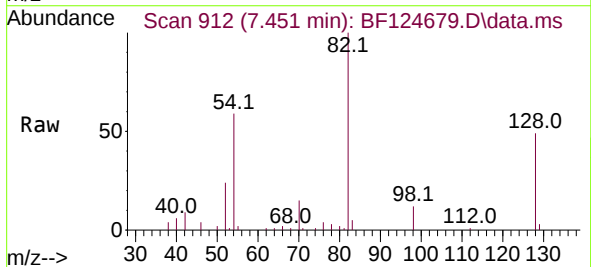
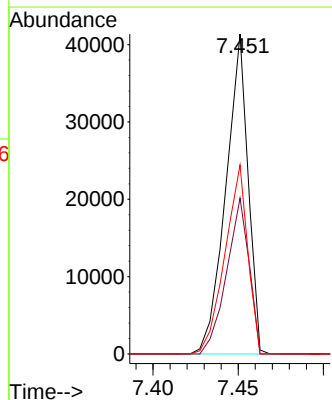


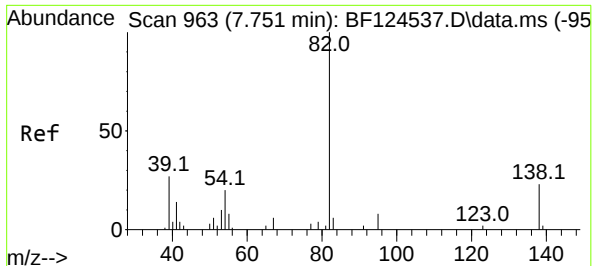
Tgt Ion:136 Resp: 23230
Ion Ratio Lower Upper
136 100
137 11.4 9.8 14.6
54 8.3 6.4 9.6
68 4.5 3.3 4.9



#23
Nitrobenzene-d5
Concen: 101.82 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

Tgt Ion: 82 Resp: 37469
Ion Ratio Lower Upper
82 100
128 48.7 40.6 60.8
54 59.1 49.6 74.4

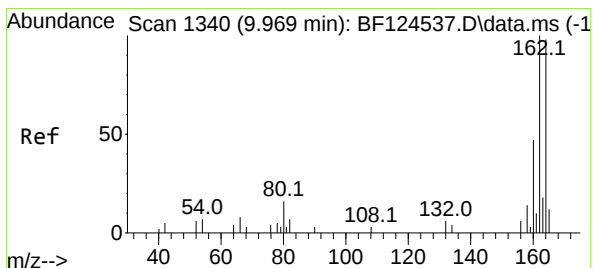
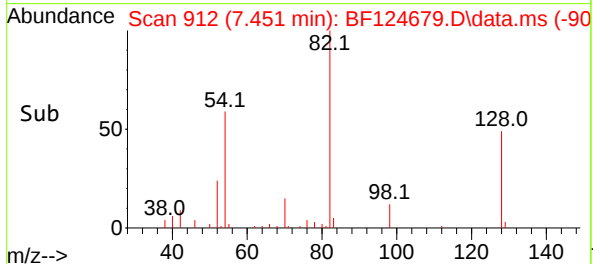
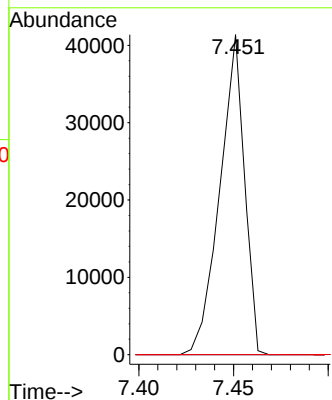
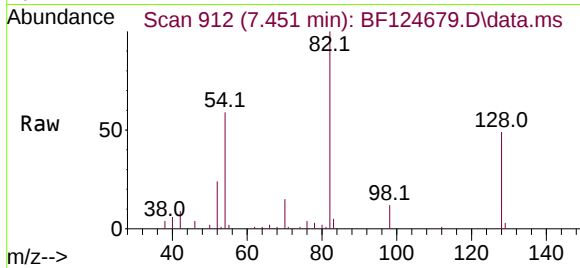




#25
Isophorone
Concen: 55.46 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.265 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

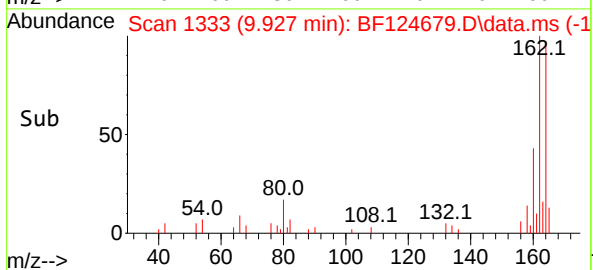
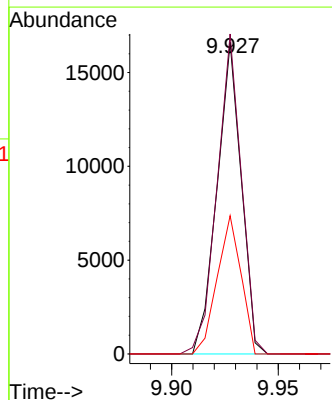
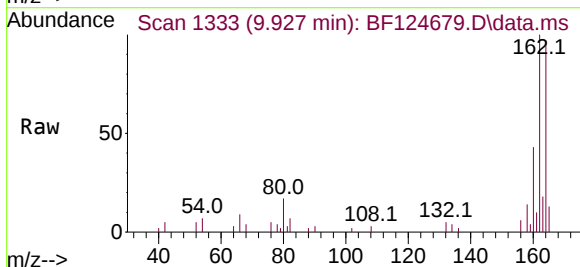
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

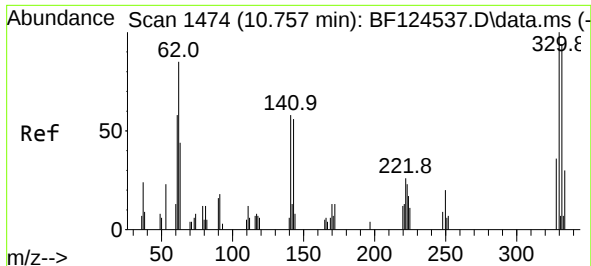
Tgt Ion: 82 Resp: 37468
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

Tgt Ion:164 Resp: 13131
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 44.3 38.0 57.0

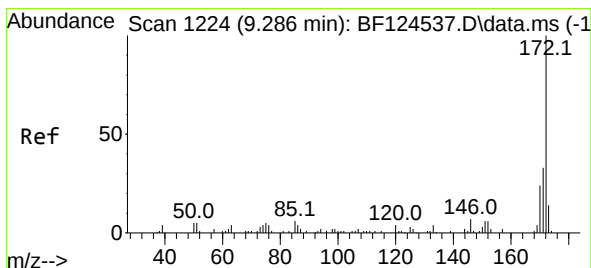
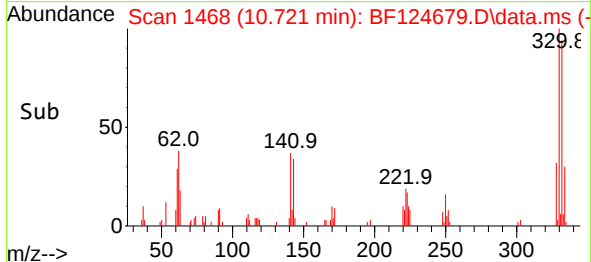
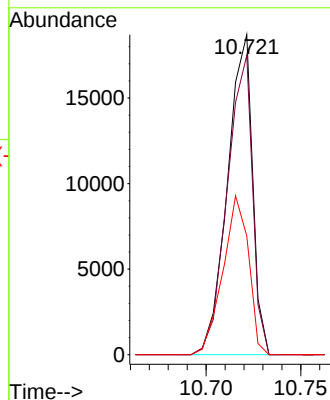
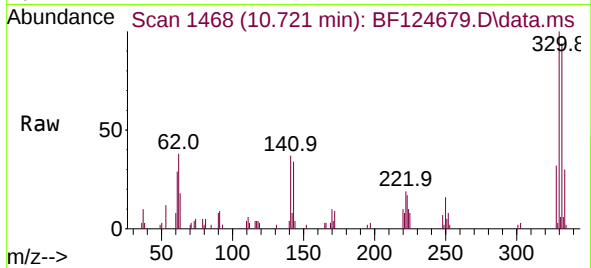




#42
2,4,6-Tribromophenol
Concen: 167.84 ng
RT: 10.721 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

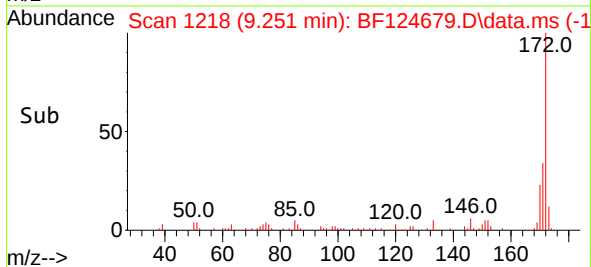
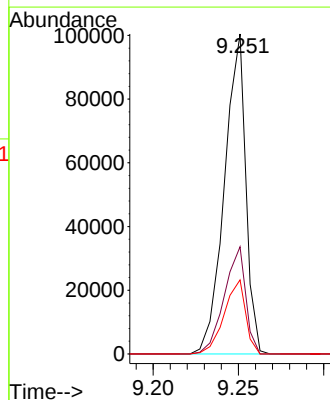
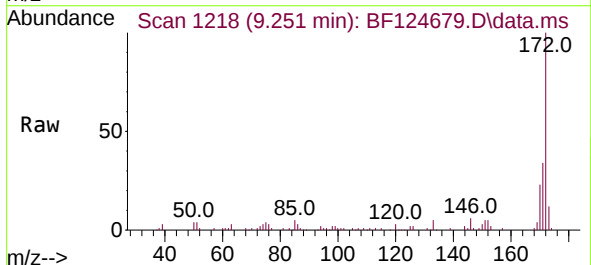
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

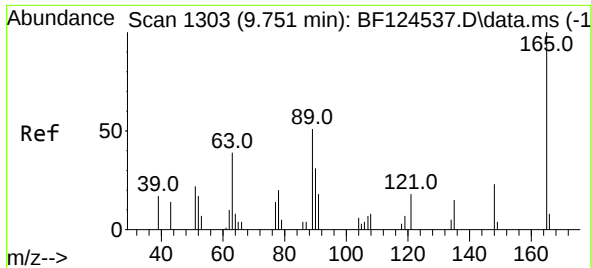
Tgt Ion: 330 Resp: 17150
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 51.0 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 97.10 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

Tgt Ion: 172 Resp: 87438
Ion Ratio Lower Upper
172 100
171 33.5 26.5 39.7
170 23.1 18.8 28.2

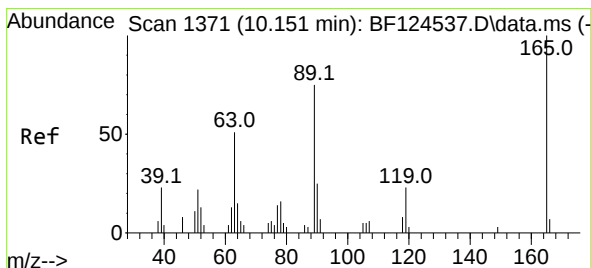
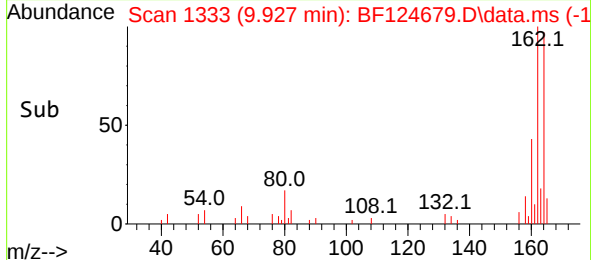
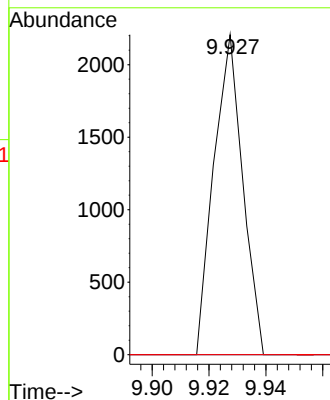
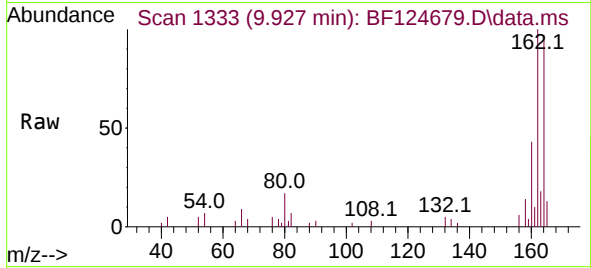




#51
2,6-Dinitrotoluene
Concen: 8.63 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

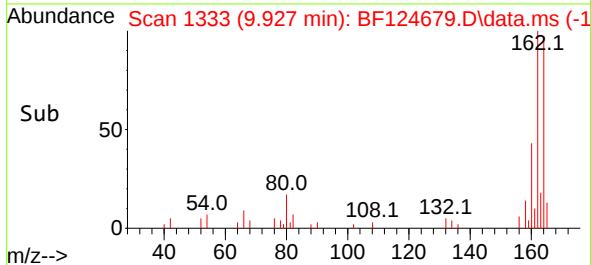
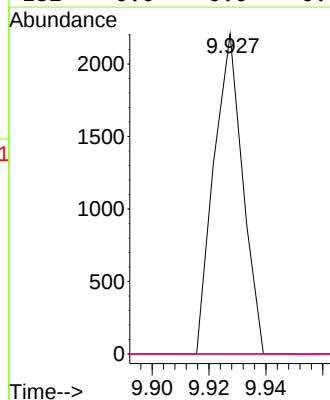
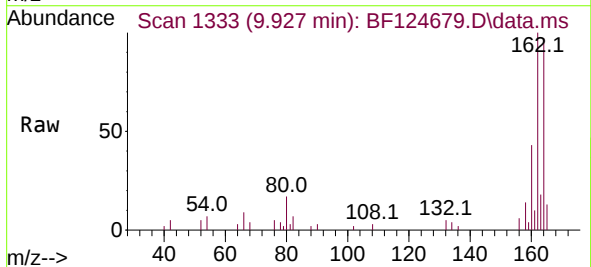
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

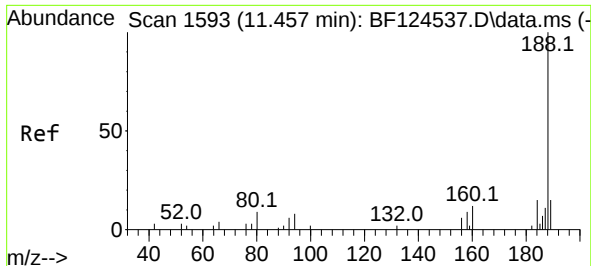
Tgt Ion:165 Resp: 1555
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

Tgt Ion:165 Resp: 1555
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

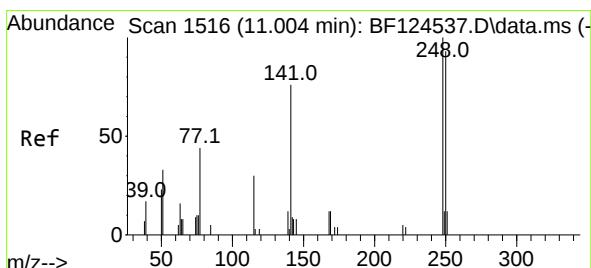
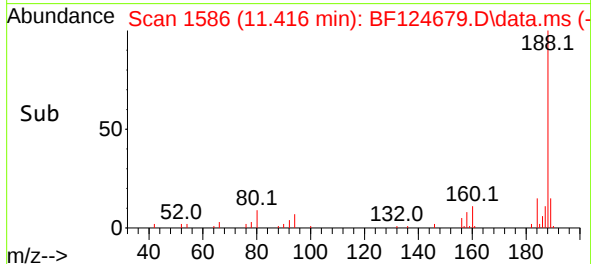
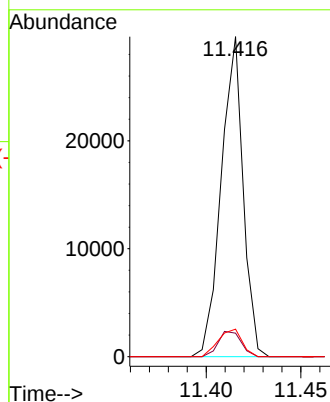
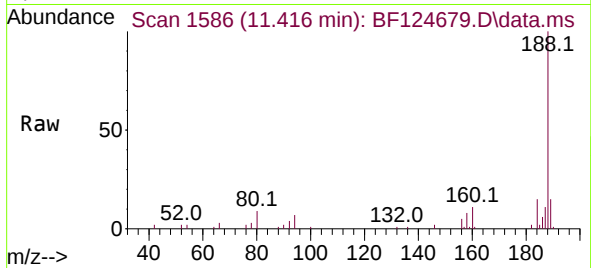




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

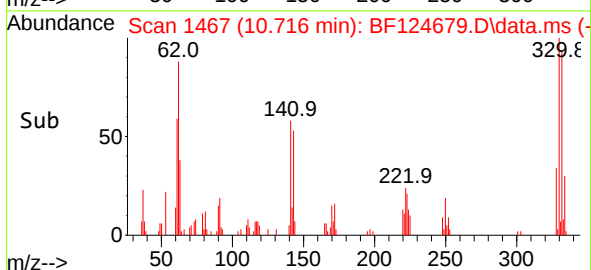
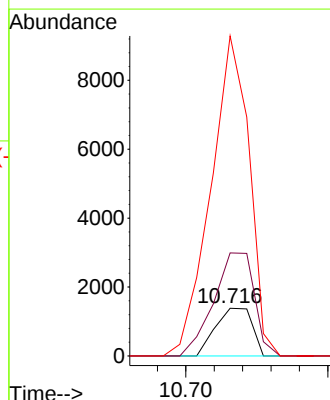
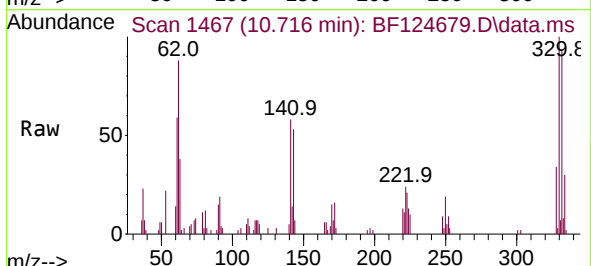
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

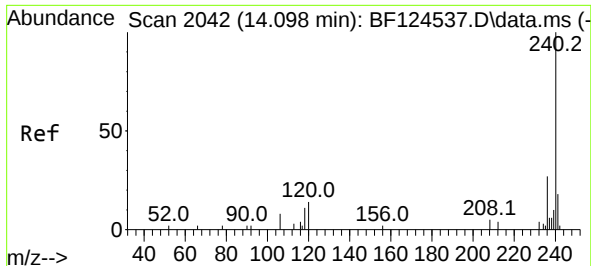
Tgt Ion:188 Resp: 23822
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.6 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.04 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

Tgt Ion:248 Resp: 1241
Ion Ratio Lower Upper
248 100
250 216.4 74.2 111.4#
141 672.1 60.4 90.6#

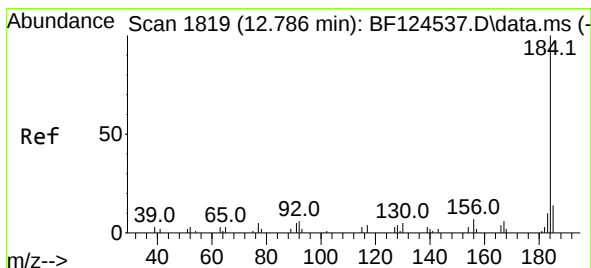
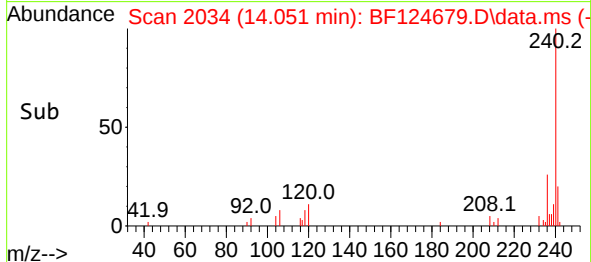
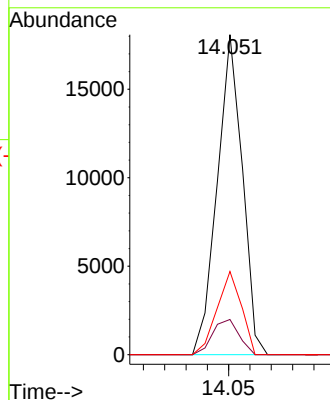
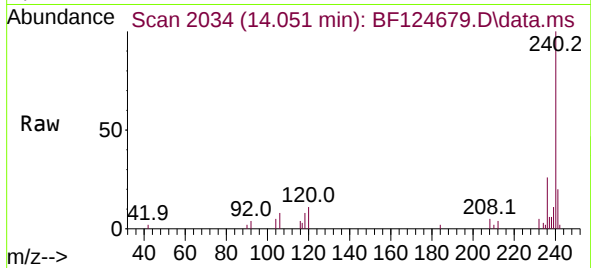




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

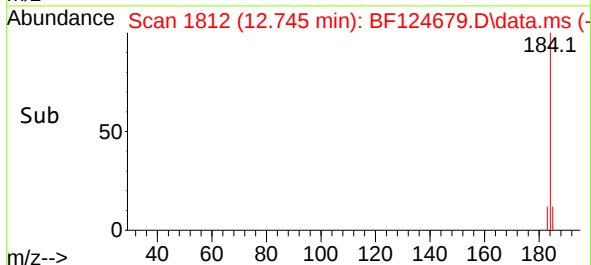
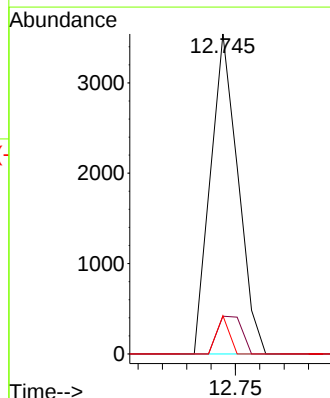
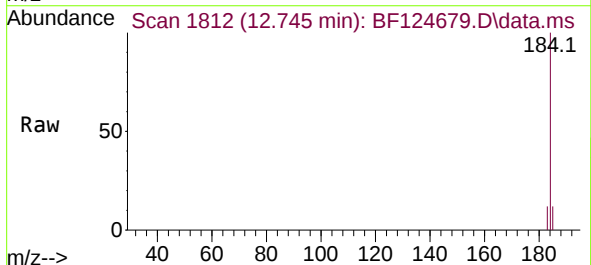
Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

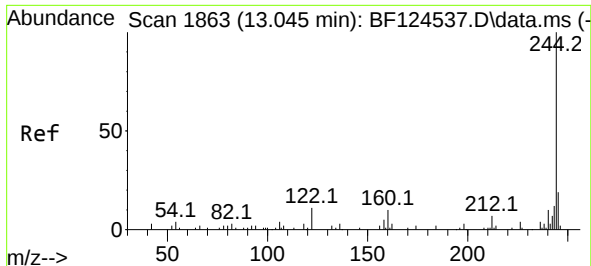
Tgt Ion:240 Resp: 14783
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 26.0 21.6 32.4



#77
Benzidine
Concen: 5.02 ng
RT: 12.745 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

Tgt Ion:184 Resp: 2773
Ion Ratio Lower Upper
184 100
185 11.8 10.8 16.2
183 11.9 8.1 12.1

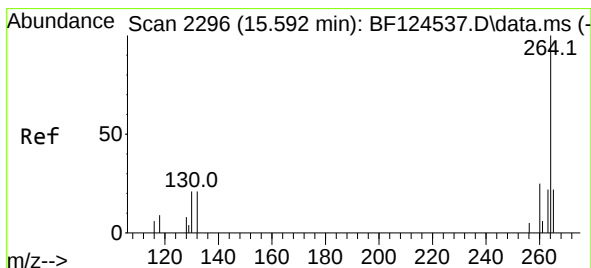
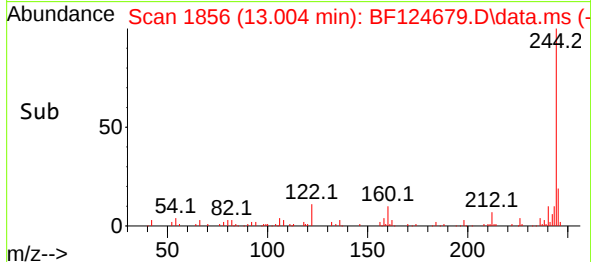
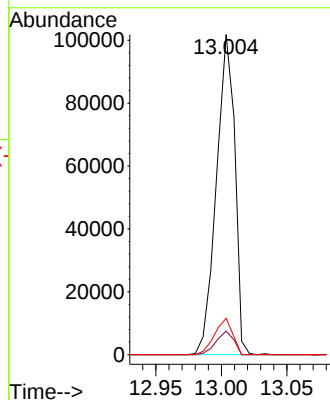
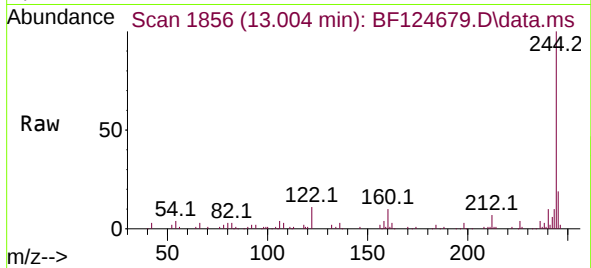




#79
Terphenyl-d14
Concen: 112.81 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF124679.D
Acq: 22 Jul 2021 00:39

Instrument :
BNA_F
ClientSampleId :
PAR-N2-(A-D)-(0-12)

Tgt Ion:244 Resp: 99315
Ion Ratio Lower Upper
244 100
212 7.4 5.9 8.9
122 11.3 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: BF124679.D
Acq: 22 Jul 2021 00:39

Tgt Ion:264 Resp: 13940
Ion Ratio Lower Upper
264 100
260 23.2 19.6 29.4
265 19.1 17.2 25.8

