

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051821\
 Data File : BF123978.D
 Acq On : 18 May 2021 14:53
 Operator : JU/CG
 Sample : M2436-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1A

Quant Time: May 19 03:18:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

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

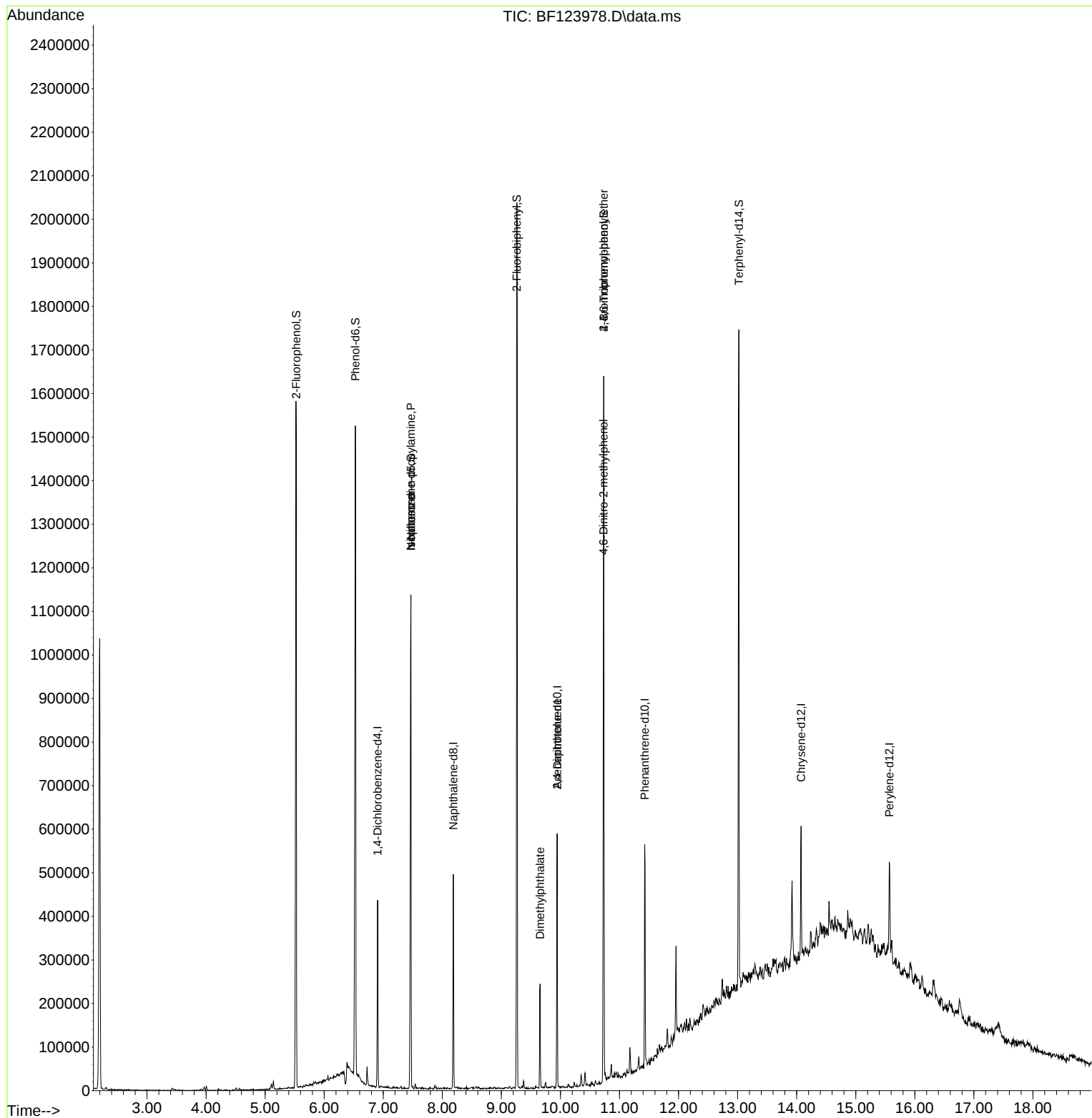
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	43962	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	170668	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	99678	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	169531	20.00	ng	# 0.00
76) Chrysene-d12	14.074	240	91721	20.00	ng	0.00
86) Perylene-d12	15.568	264	92272	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	376378	120.21	ng	0.02
7) Phenol-d6	6.528	99	481362	118.51	ng	0.00
23) Nitrobenzene-d5	7.469	82	350200	88.41	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	151669	126.68	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	569856	70.35	ng	0.00
79) Terphenyl-d14	13.021	244	438710	72.44	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.469	70	47621	17.35	ng	# 74
25) Isophorone	7.469	82	350262	45.97	ng	# 69
50) Dimethylphthalate	9.657	163	80535	10.12	ng	99
57) 2,4-Dinitrotoluene	9.945	165	11734	5.94	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.727	198	598	5.92	ng	# 41
67) 4-Bromophenyl-phenylether	10.733	248	10060	4.52	ng	# 1

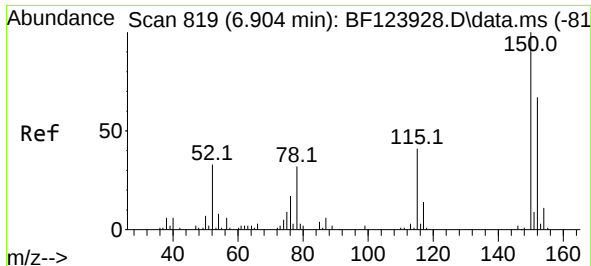
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

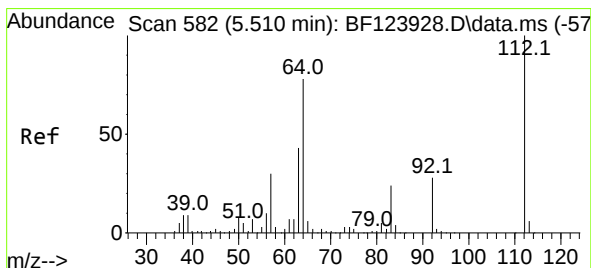
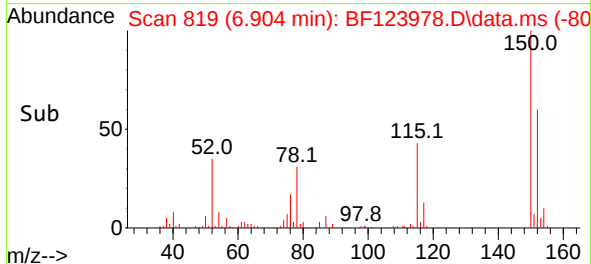
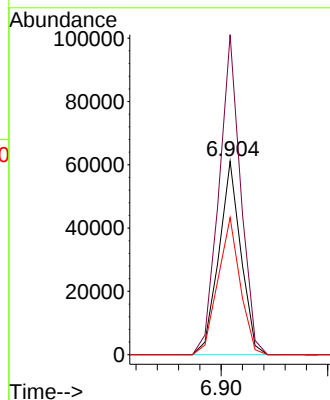
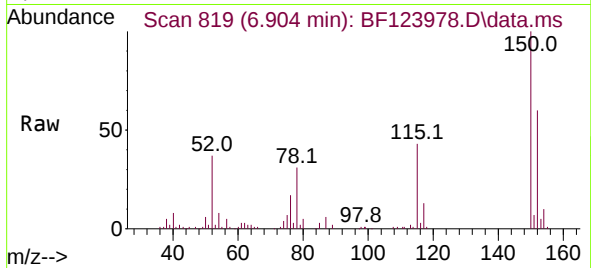




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

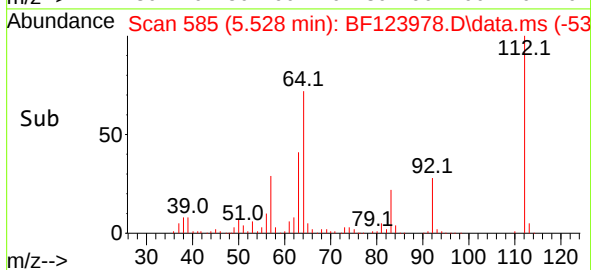
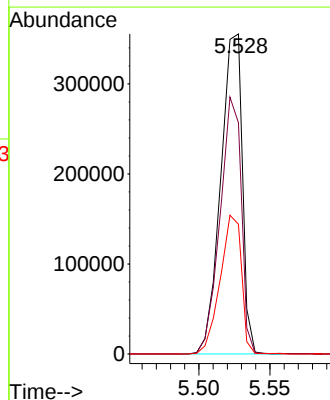
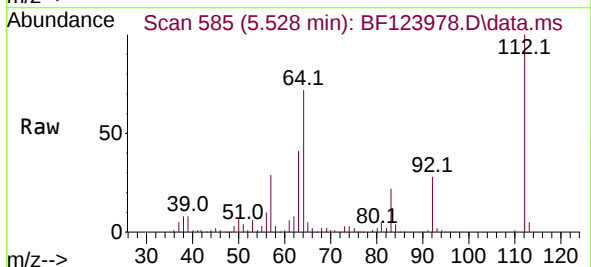
Instrument :
BNA_F
ClientSampled :
TP-1A

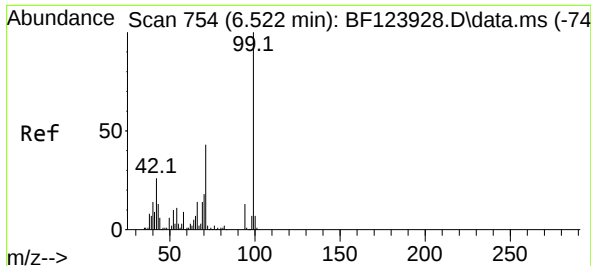
Tgt Ion:152 Resp: 43962
Ion Ratio Lower Upper
152 100
150 165.4 127.0 190.6
115 70.9 54.3 81.5



#5
2-Fluorophenol
Concen: 120.21 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

Tgt Ion:112 Resp: 376378
Ion Ratio Lower Upper
112 100
64 72.3 61.4 92.0
63 40.5 33.0 49.4

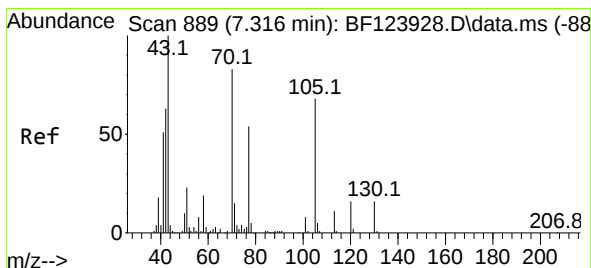
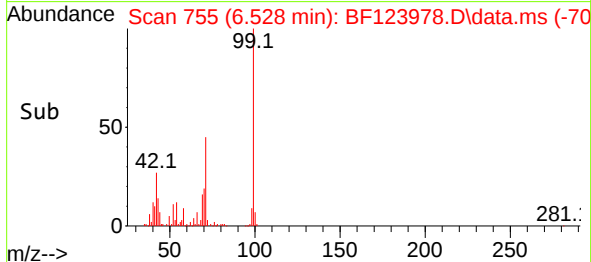
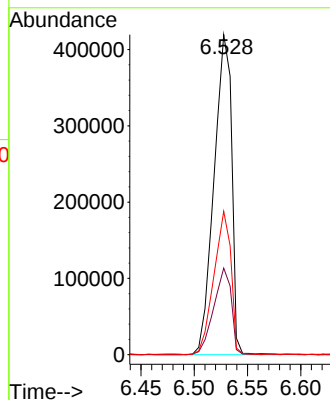
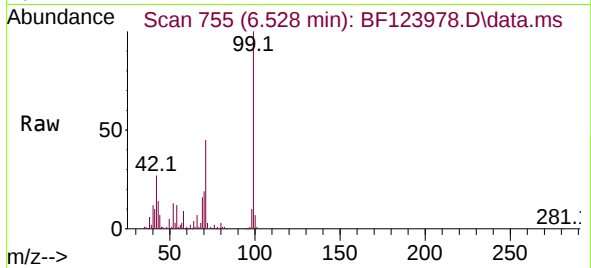




#7
Phenol-d6
Concen: 118.51 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

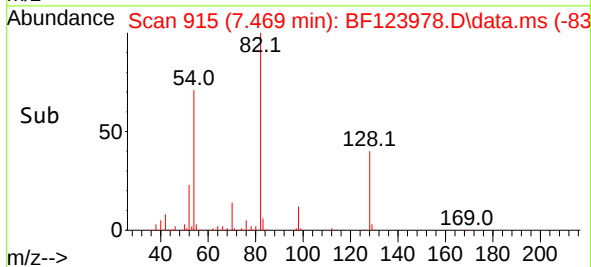
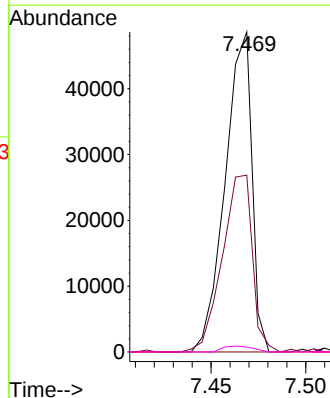
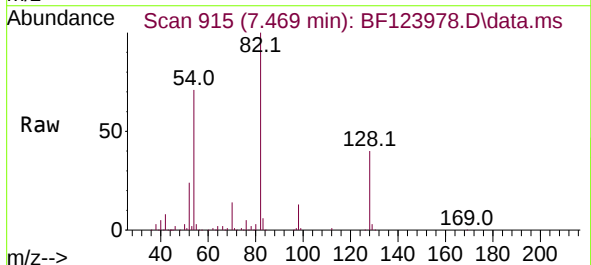
Instrument :
BNA_F
ClientSampleId :
TP-1A

Tgt Ion: 99 Resp: 481362
Ion Ratio Lower Upper
99 100
42 27.0 19.8 29.8
71 44.8 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.35 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.153 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

Tgt Ion: 70 Resp: 47621
Ion Ratio Lower Upper
70 100
42 55.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

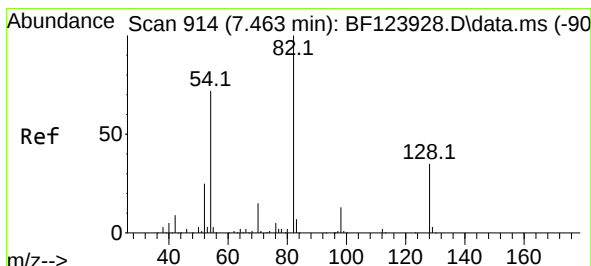
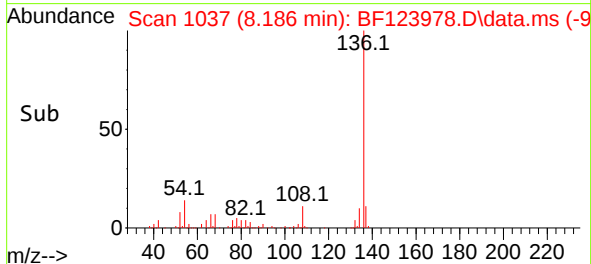
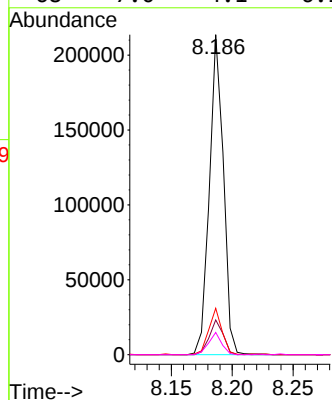
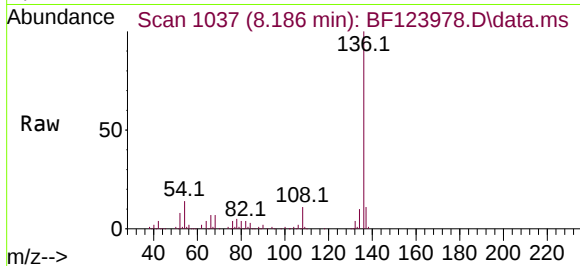




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

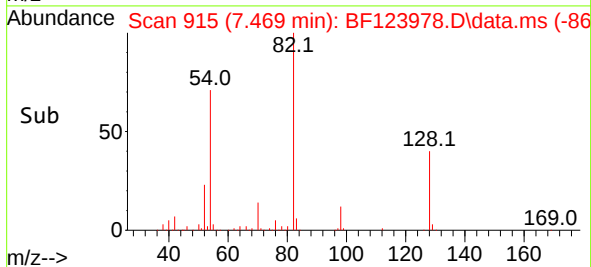
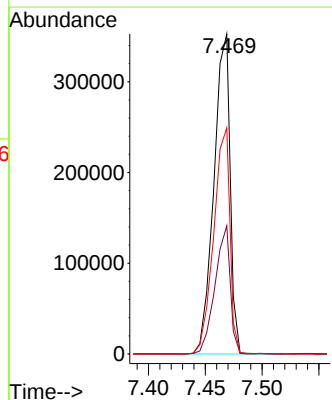
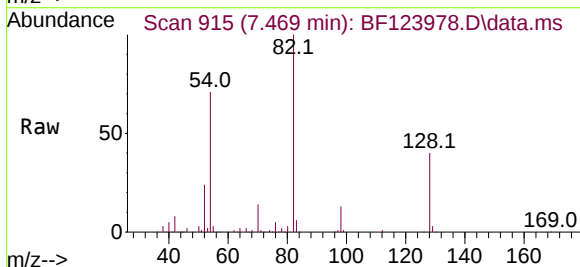
Instrument :
BNA_F
ClientSampleId :
TP-1A

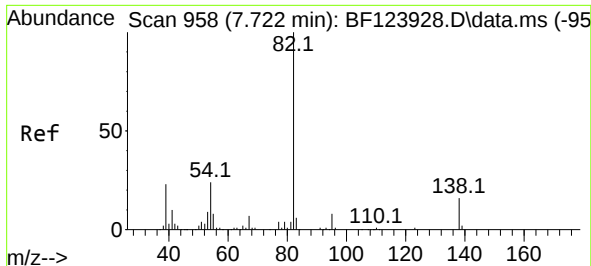
Tgt Ion:	136	Resp:	170668
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	14.5	9.8	14.6
68	7.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 88.41 ng
RT: 7.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

Tgt Ion:	82	Resp:	350200
Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.4	44.2
54	70.6	54.1	81.1

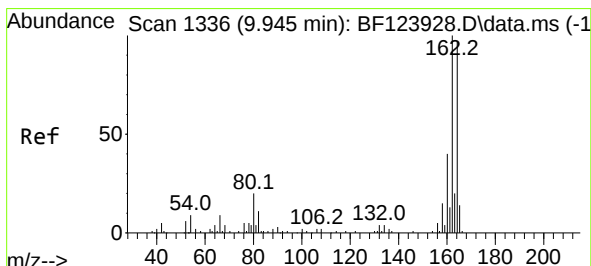
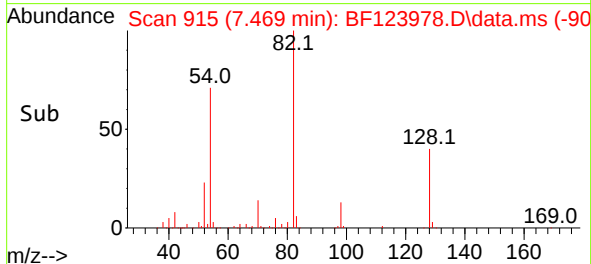
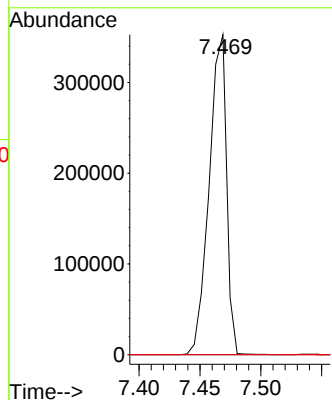
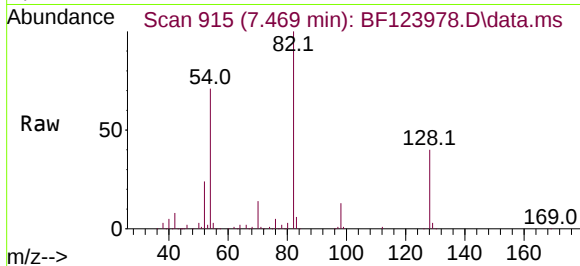




#25
Isophorone
Concen: 45.97 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.253 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

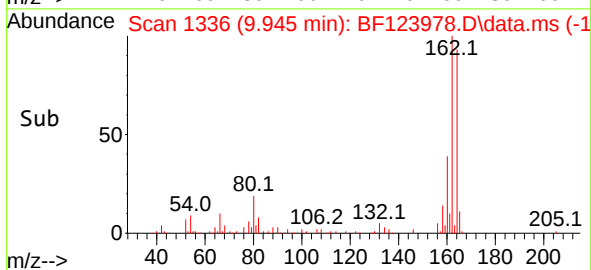
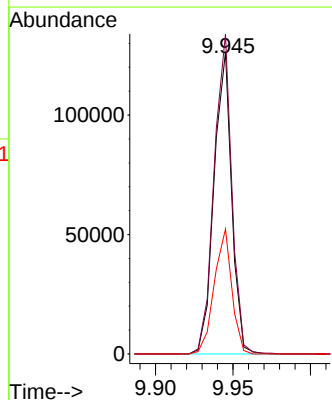
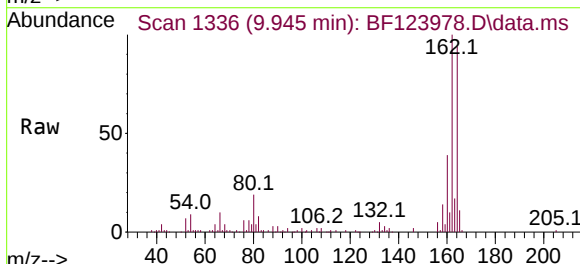
Instrument :
BNA_F
ClientSampleId :
TP-1A

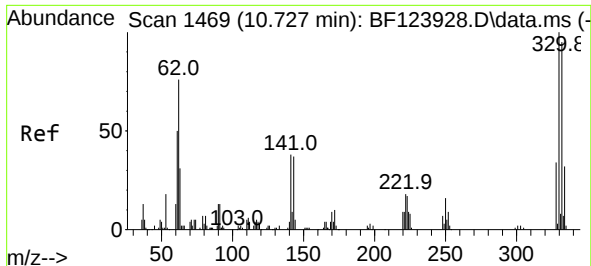
Tgt Ion: 82 Resp: 350262
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

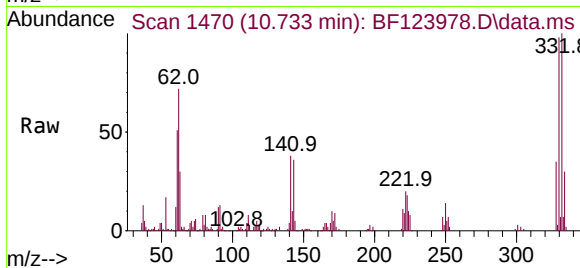
Tgt Ion:164 Resp: 99678
Ion Ratio Lower Upper
164 100
162 105.9 80.7 121.1
160 41.4 37.3 55.9



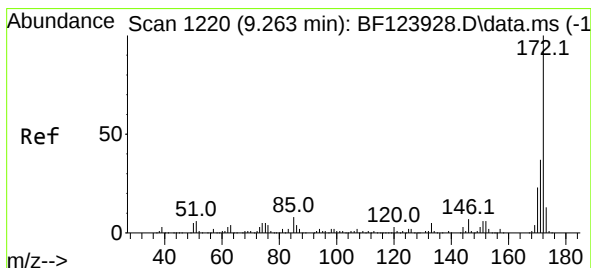
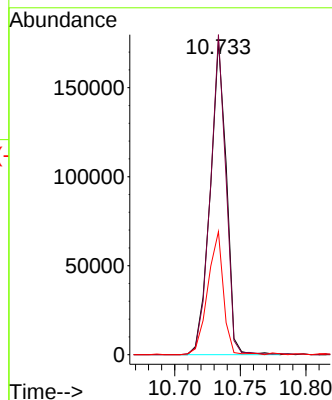
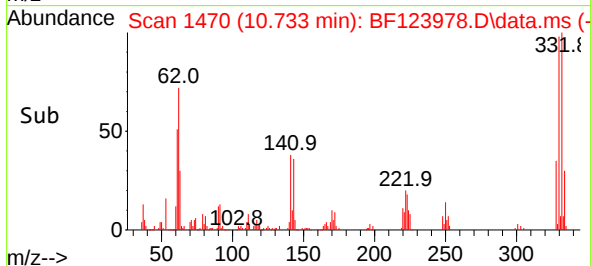


#42
2,4,6-Tribromophenol
Concen: 126.68 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

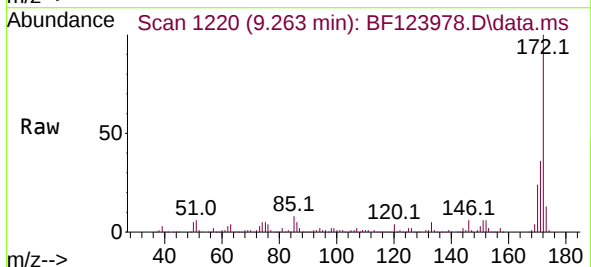
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BNA_F
ClientSampleId :
TP-1A



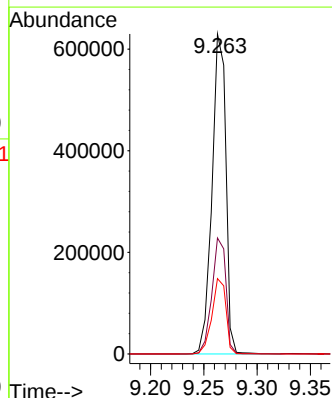
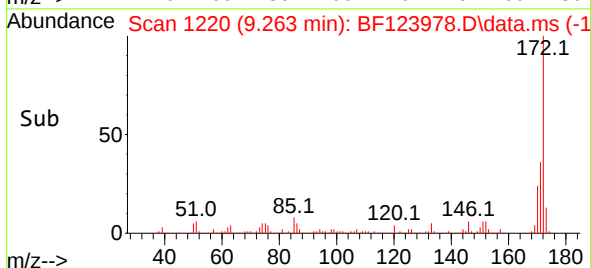
Tgt Ion: 330 Resp: 151669
Ion Ratio Lower Upper
330 100
332 98.0 77.1 115.7
141 37.9 27.9 41.9

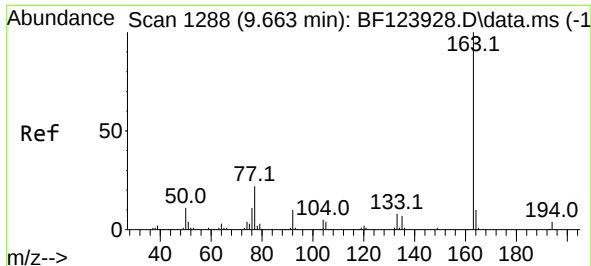


#45
2-Fluorobiphenyl
Concen: 70.35 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53



Tgt Ion: 172 Resp: 569856
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 23.5 19.2 28.8

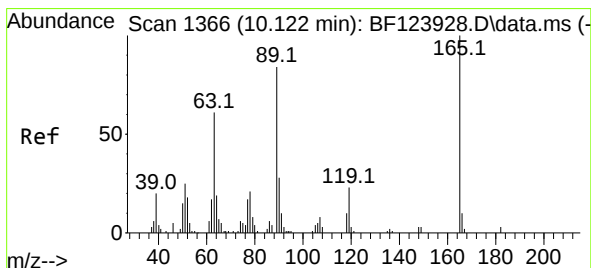
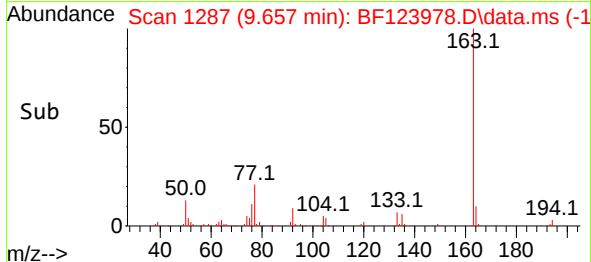
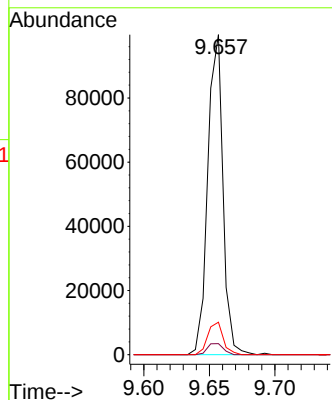
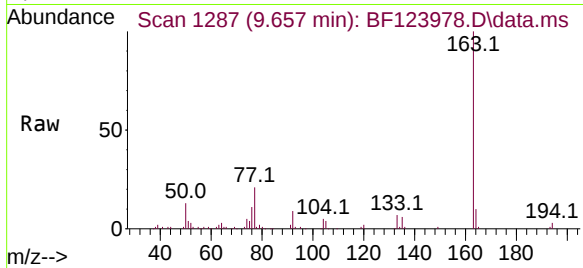




#50
Dimethylphthalate
Concen: 10.12 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

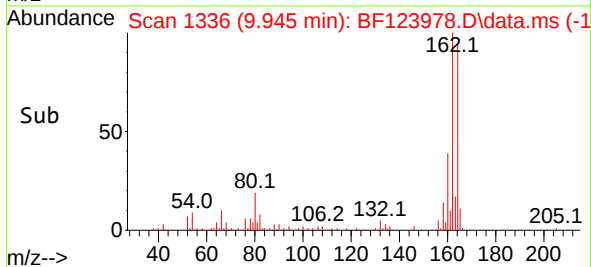
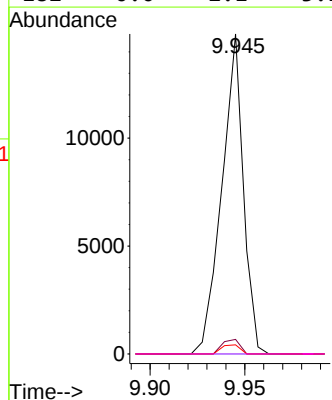
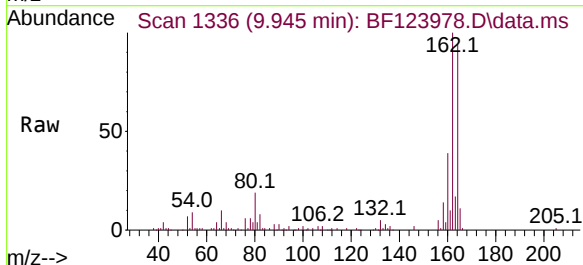
Instrument :
BNA_F
ClientSampleId :
TP-1A

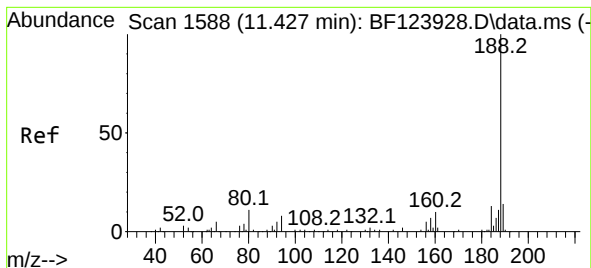
Tgt Ion:163 Resp: 80535
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 10.1 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.176 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

Tgt Ion:165 Resp: 11734
Ion Ratio Lower Upper
165 100
63 4.6 43.5 65.3#
89 2.9 67.7 101.5#
182 0.0 2.1 3.1#

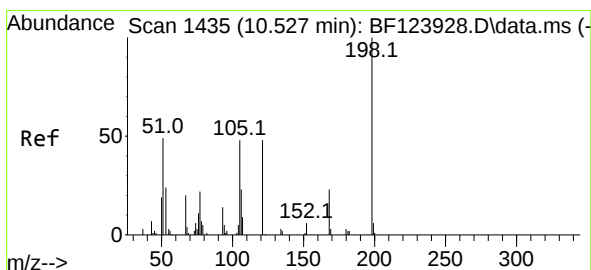
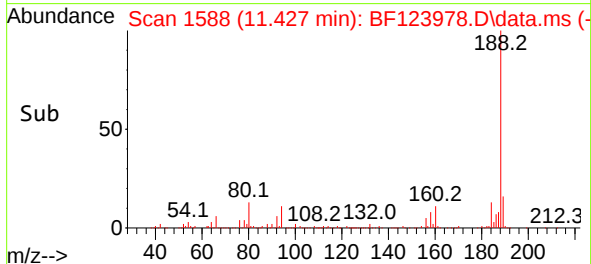
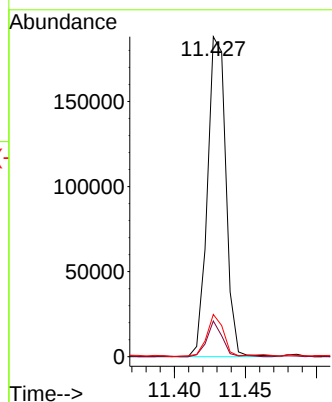
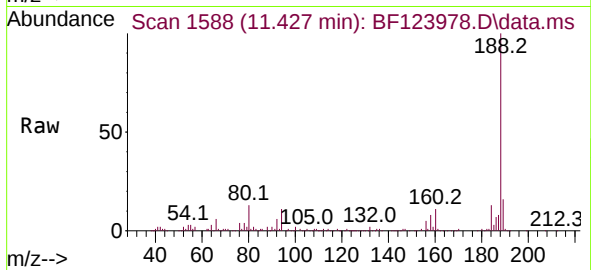




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

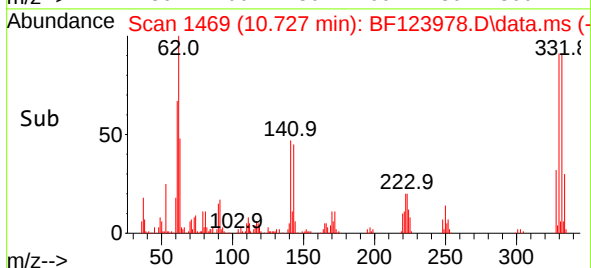
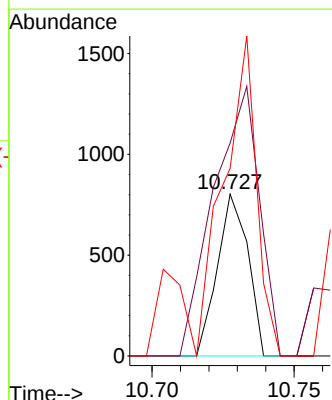
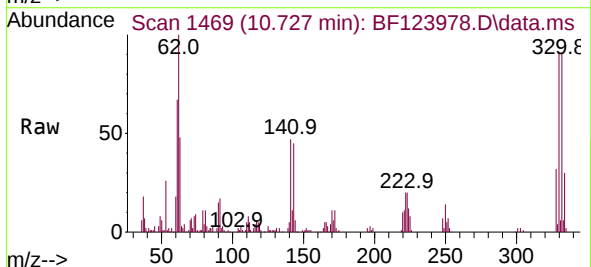
Instrument :
BNA_F
ClientSampled :
TP-1A

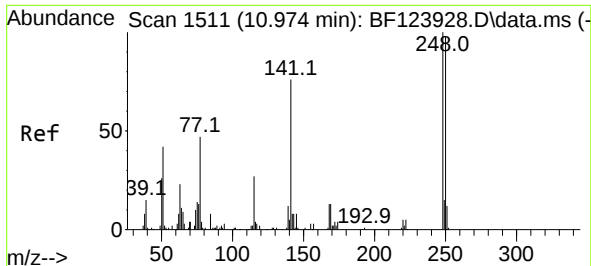
Tgt Ion:188 Resp: 169531
Ion Ratio Lower Upper
188 100
94 11.1 6.9 10.3#
80 13.2 8.2 12.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.92 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.200 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

Tgt Ion:198 Resp: 598
Ion Ratio Lower Upper
198 100
51 131.7 64.8 104.8#
105 116.1 42.6 82.6#

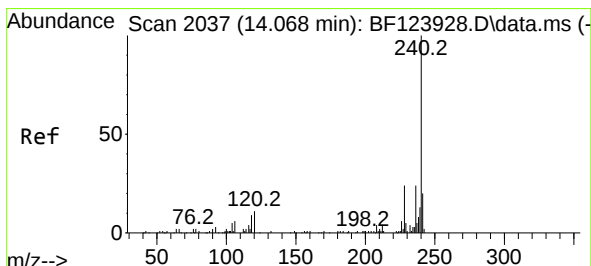
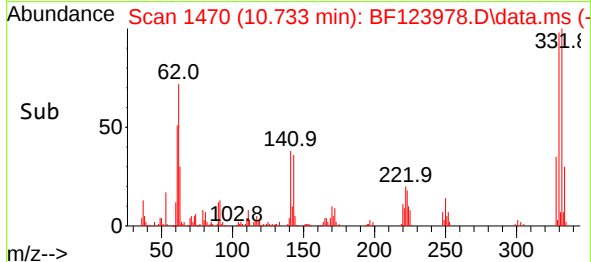
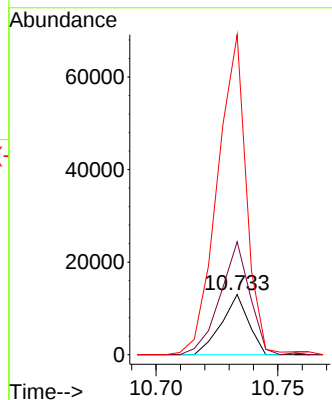
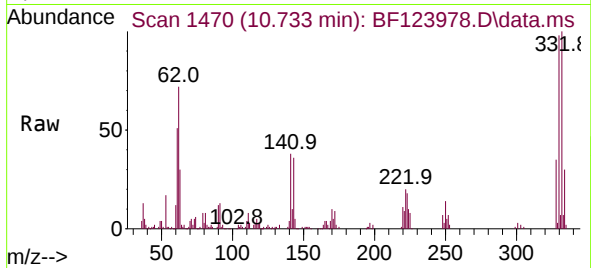




#67
4-Bromophenyl-phenylether
Concen: 4.52 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

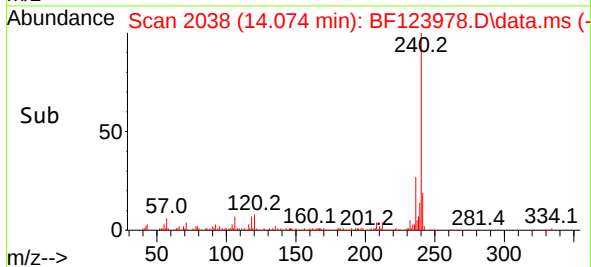
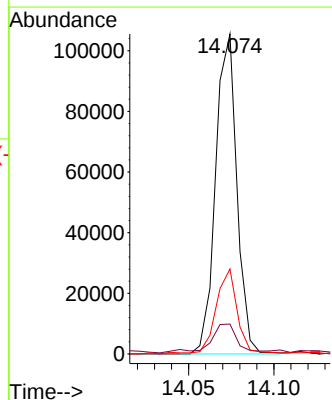
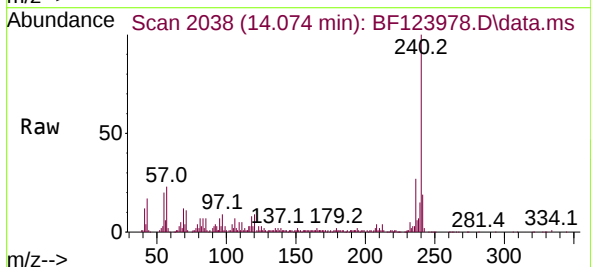
Instrument :
BNA_F
ClientSampled :
TP-1A

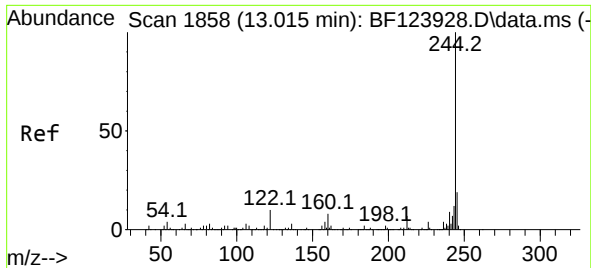
Tgt Ion:248 Resp: 10060
Ion Ratio Lower Upper
248 100
250 188.0 77.4 116.2#
141 532.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.074 min Scan# 2038
Delta R.T. 0.006 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

Tgt Ion:240 Resp: 91721
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 26.5 19.0 28.4

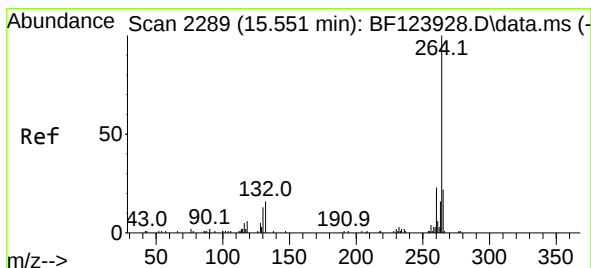
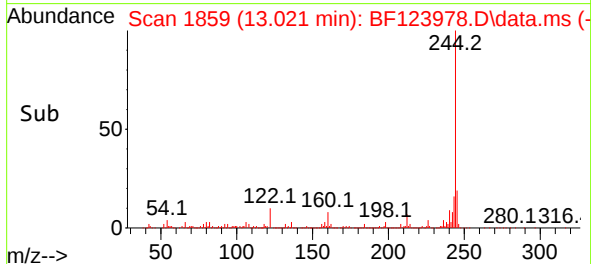
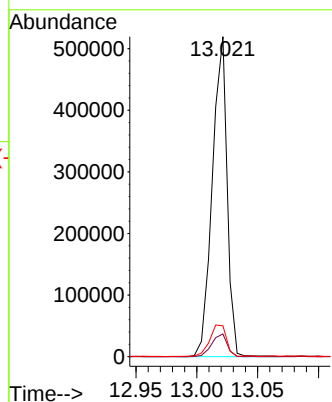
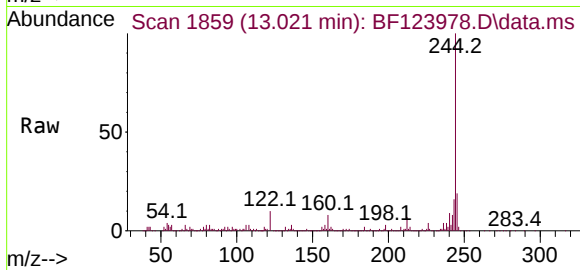




#79
Terphenyl-d14
Concen: 72.44 ng
RT: 13.021 min Scan# 1859
Delta R.T. 0.006 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

Instrument :
BNA_F
ClientSampleId :
TP-1A

Tgt Ion:244 Resp: 438710
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.7 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF123978.D
Acq: 18 May 2021 14:53

Tgt Ion:264 Resp: 92272
Ion Ratio Lower Upper
264 100
260 20.5 18.7 28.1
265 19.7 17.8 26.8

