

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
 Data File : BF124060.D
 Acq On : 26 May 2021 12:12
 Operator : JU/CG
 Sample : PB136648BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136648BL

Quant Time: May 26 12:57:17 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)

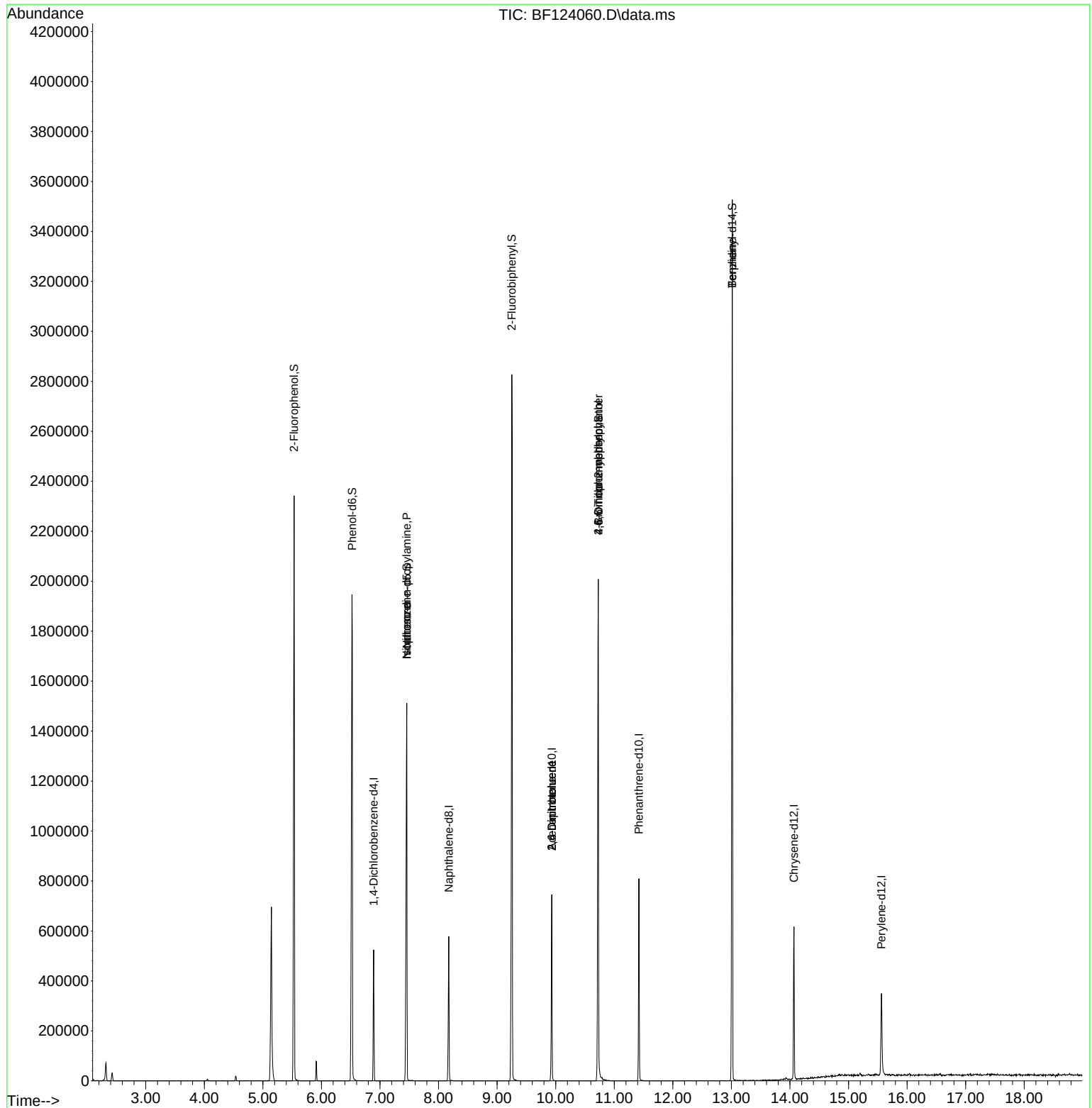
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	63594	20.00	ng	-0.01
21) Naphthalene-d8	8.175	136	245602	20.00	ng	-0.01
39) Acenaphthene-d10	9.933	164	140229	20.00	ng	-0.01
64) Phenanthrene-d10	11.422	188	260458	20.00	ng	0.00
76) Chrysene-d12	14.068	240	204217	20.00	ng	0.00
86) Perylene-d12	15.562	264	151980	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	562431	124.17	ng	0.02
7) Phenol-d6	6.522	99	705309	120.04	ng	0.00
23) Nitrobenzene-d5	7.457	82	537958	94.37	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	235429	139.78	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	959294	84.18	ng	-0.01
79) Terphenyl-d14	13.016	244	1111941	82.47	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	77134	19.43	ng	# 73
25) Isophorone	7.457	82	534758	48.77	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	18641	8.23	ng	# 11
57) 2,4-Dinitrotoluene	9.933	165	18641	6.71	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.727	198	830	5.88	ng	# 1
67) 4-Bromophenyl-phenylether	10.727	248	15037	4.39	ng	# 1
77) Benzidine	13.016	184	18174	3.69	ng	95

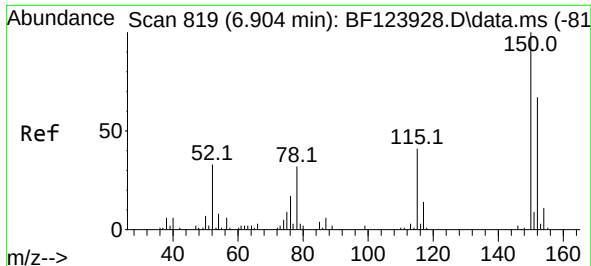
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124060.D
Acq On : 26 May 2021 12:12
Operator : JU/CG
Sample : PB136648BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136648BL

Quant Time: May 26 12:57:17 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

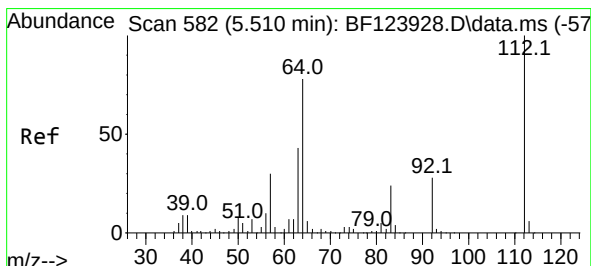
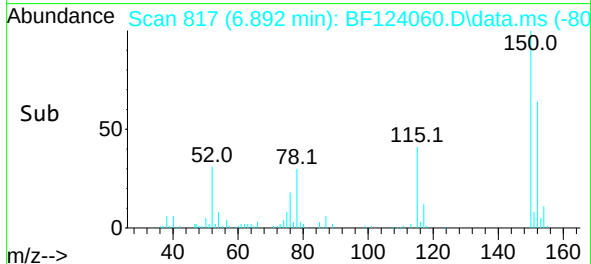
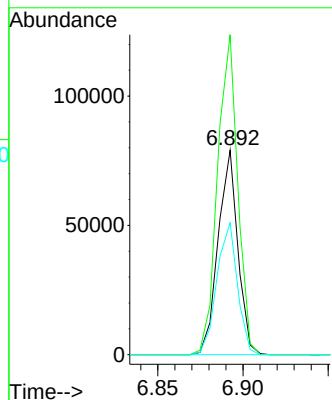
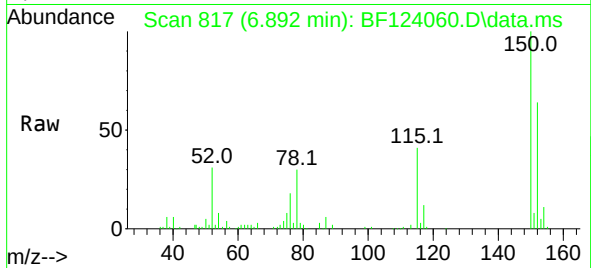




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

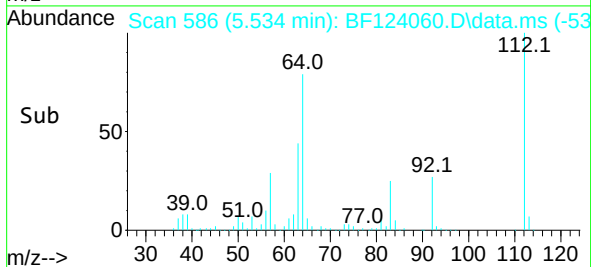
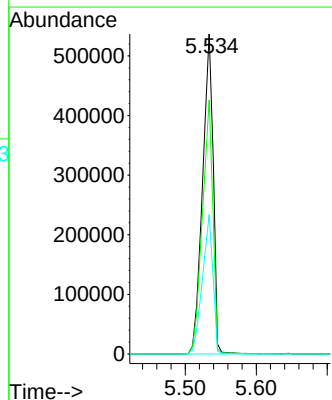
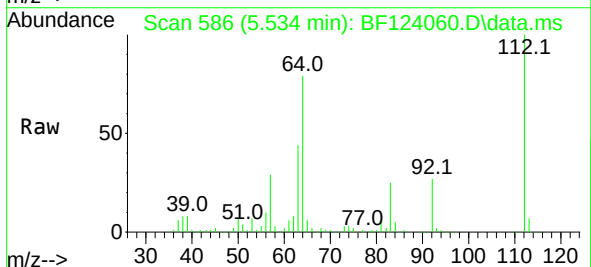
Instrument :
BNA_F
ClientSampleId :
PB136648BL

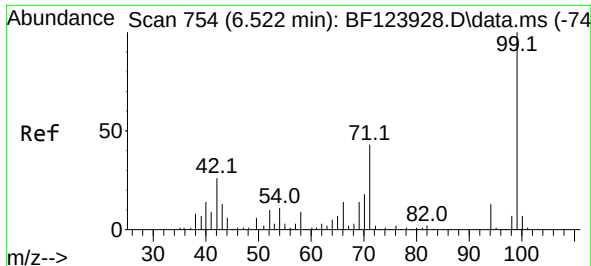
Tgt Ion:152 Resp: 63594
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 64.5 54.3 81.5



#5
2-Fluorophenol
Concen: 124.17 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.024 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

Tgt Ion:112 Resp: 562431
Ion Ratio Lower Upper
112 100
64 79.4 61.4 92.0
63 43.6 33.0 49.4

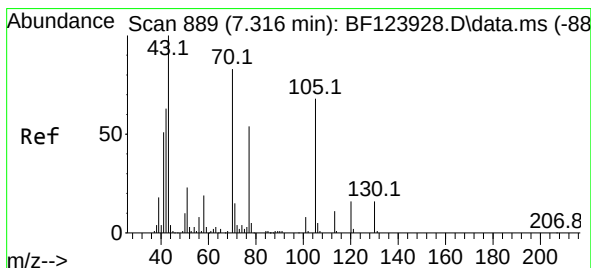
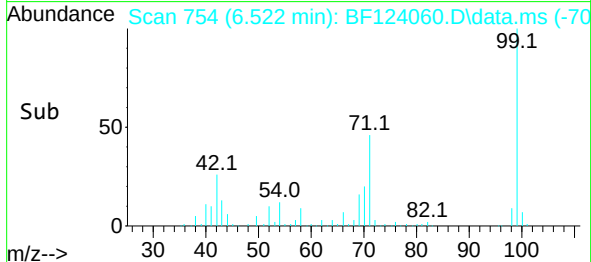
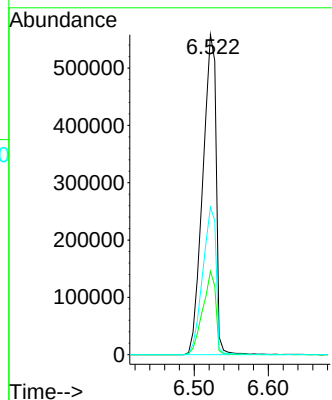
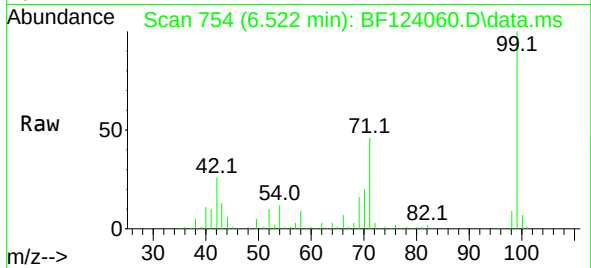




#7
Phenol-d6
Concen: 120.04 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

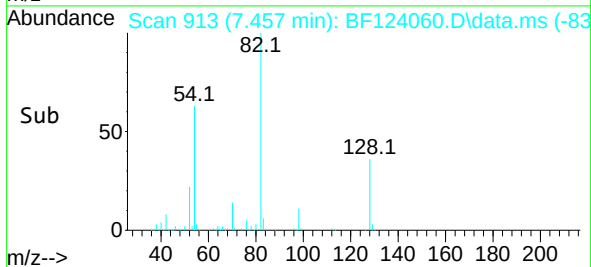
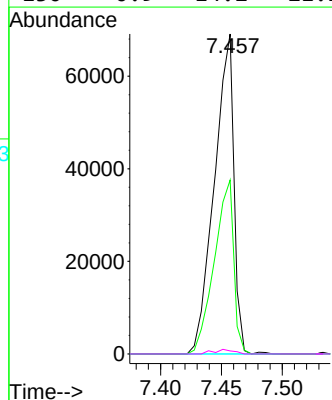
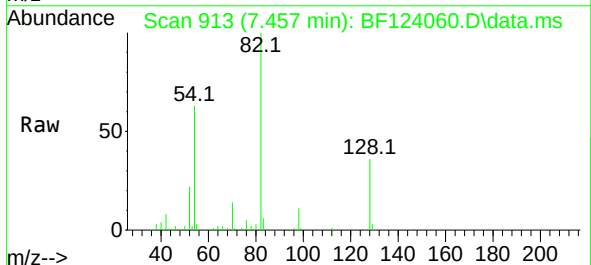
Instrument :
BNA_F
ClientSampleId :
PB136648BL

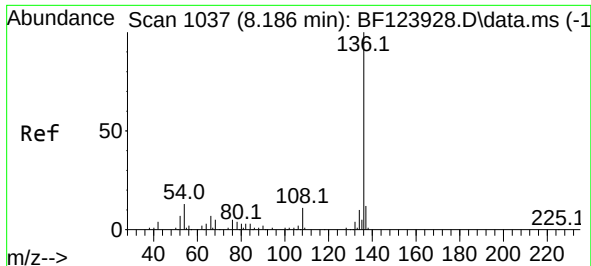
Tgt Ion: 99 Resp: 705309
Ion Ratio Lower Upper
99 100
42 26.1 19.8 29.8
71 46.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 19.43 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

Tgt Ion: 70 Resp: 77134
Ion Ratio Lower Upper
70 100
42 54.4 60.1 90.1#
101 0.0 7.4 11.2#
130 0.9 14.2 21.2#

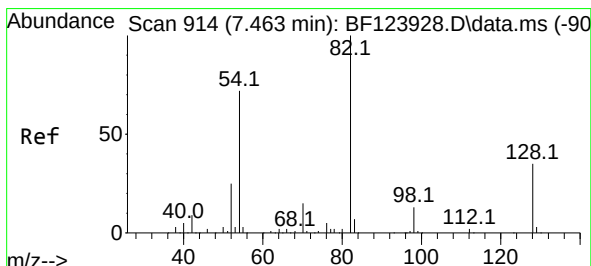
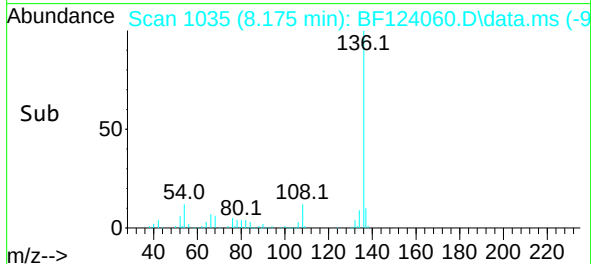
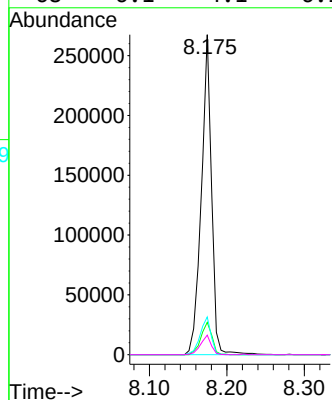
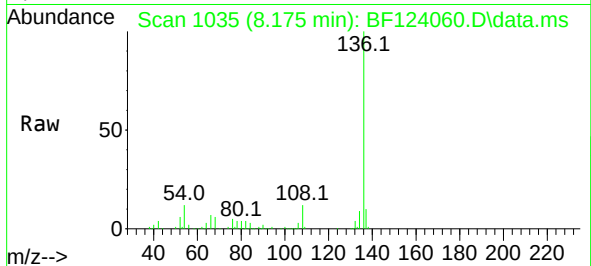




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

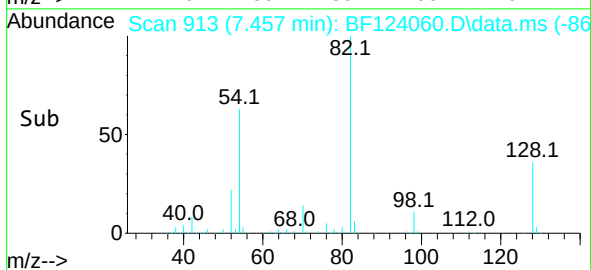
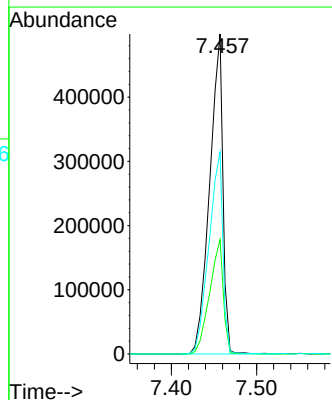
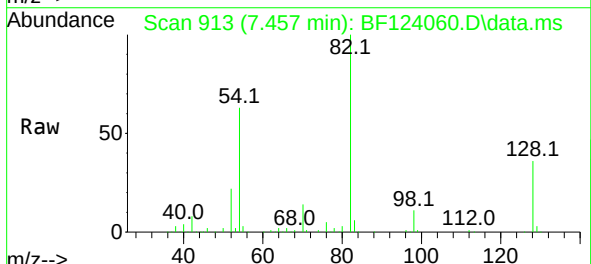
Instrument :
BNA_F
ClientSampleId :
PB136648BL

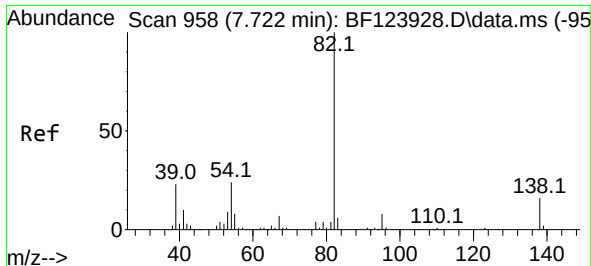
Tgt Ion:136	Resp: 245602
Ion Ratio	Lower Upper
136 100	
137 10.1	8.7 13.1
54 11.8	9.8 14.6
68 6.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 94.37 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.006 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

Tgt Ion: 82	Resp: 537958
Ion Ratio	Lower Upper
82 100	
128 35.7	29.4 44.2
54 63.1	54.1 81.1

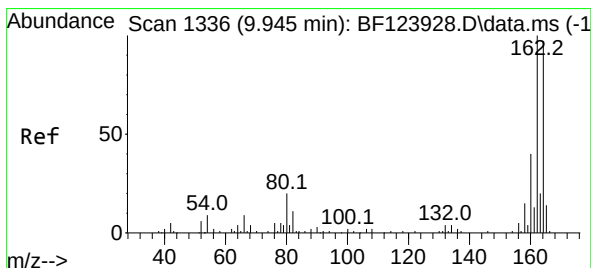
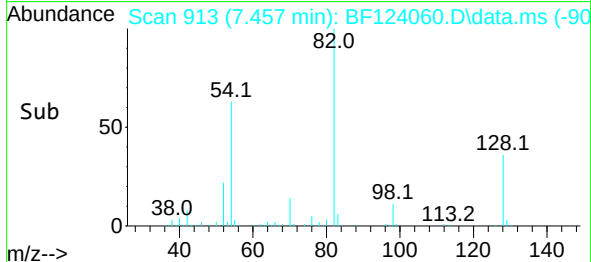
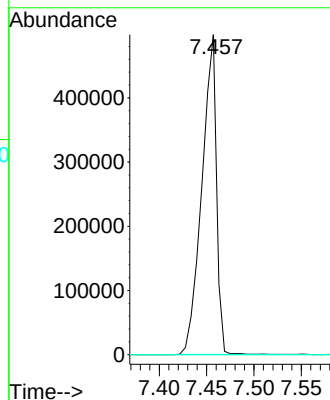
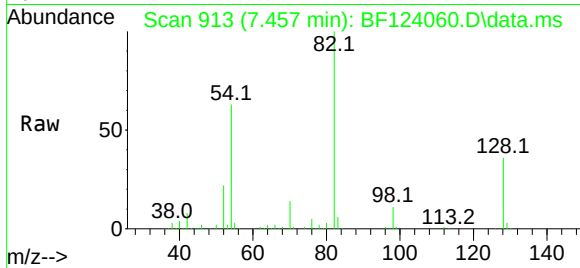




#25
Isophorone
Concen: 48.77 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.265 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

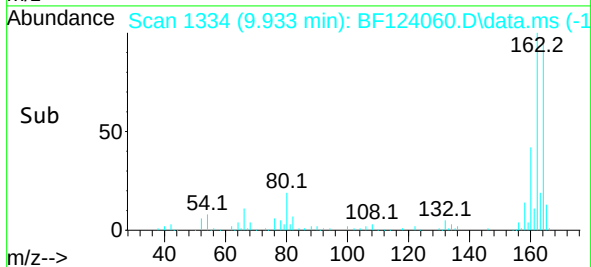
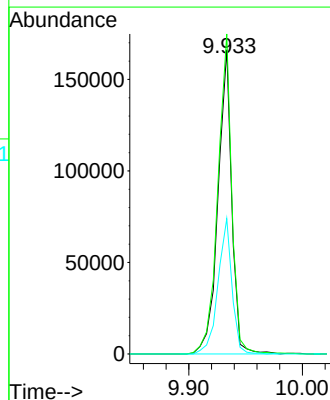
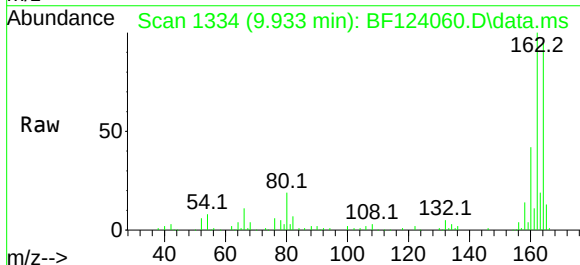
Instrument :
BNA_F
ClientSampleId :
PB136648BL

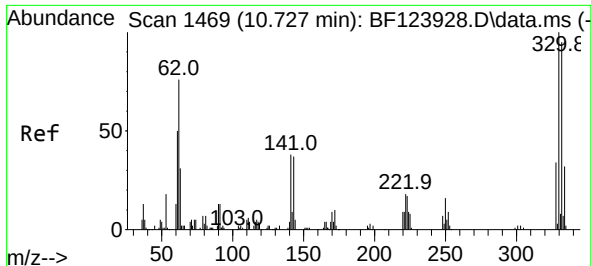
Tgt Ion: 82 Resp: 534758
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

Tgt Ion: 164 Resp: 140229
Ion Ratio Lower Upper
164 100
162 105.2 80.7 121.1
160 44.5 37.3 55.9

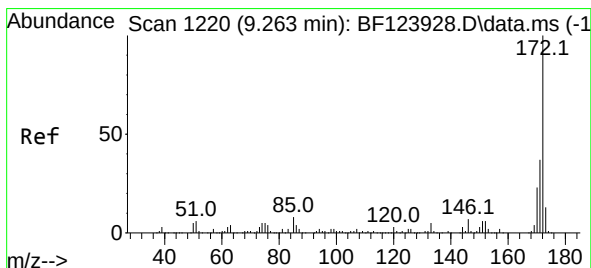
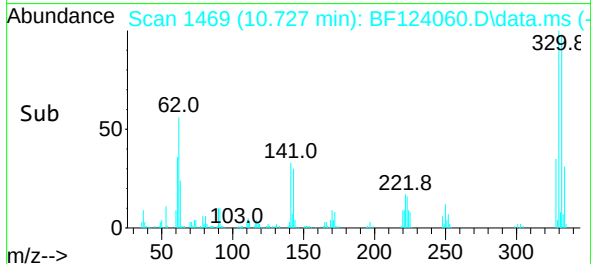
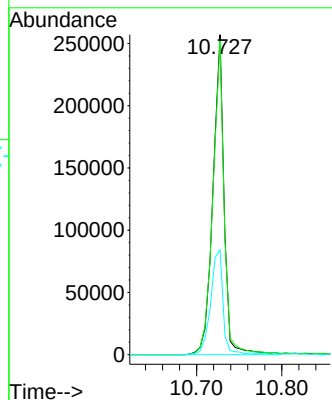
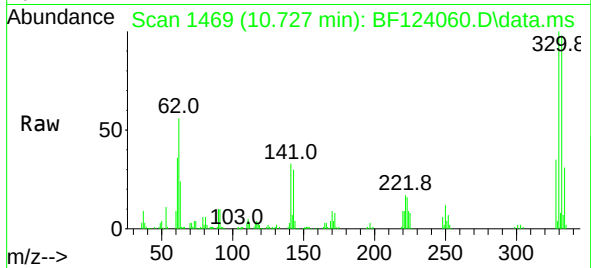




#42
2,4,6-Tribromophenol
Concen: 139.78 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

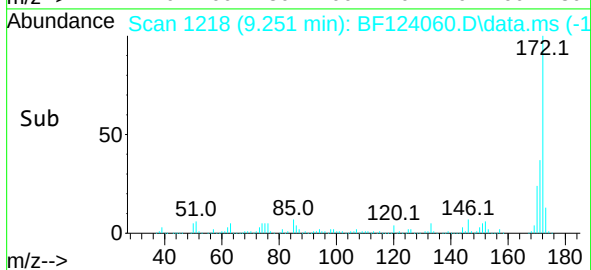
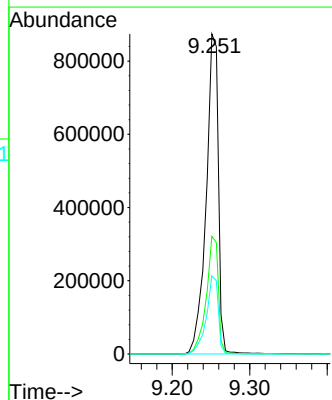
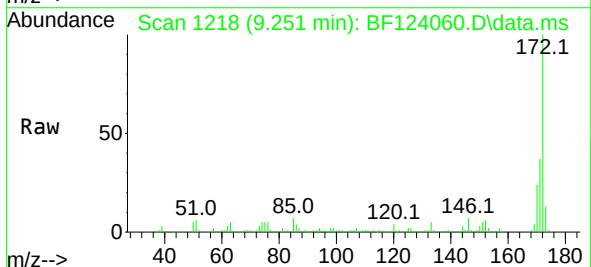
Instrument :
BNA_F
ClientSampleId :
PB136648BL

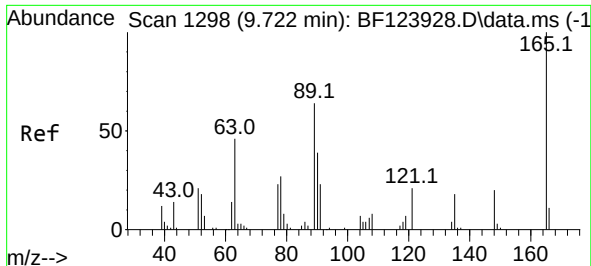
Tgt Ion: 330 Resp: 235429
Ion Ratio Lower Upper
330 100
332 99.7 77.1 115.7
141 36.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 84.18 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

Tgt Ion: 172 Resp: 959294
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 24.4 19.2 28.8

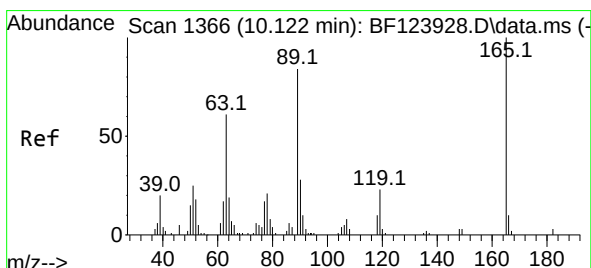
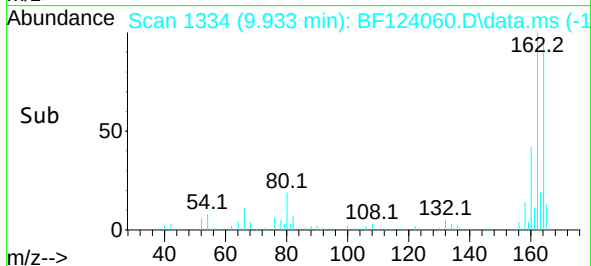
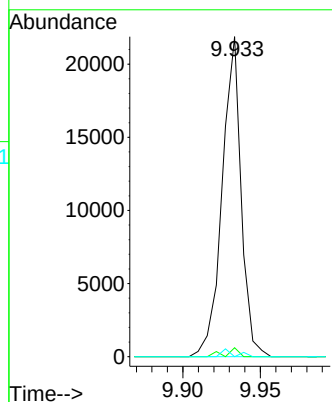
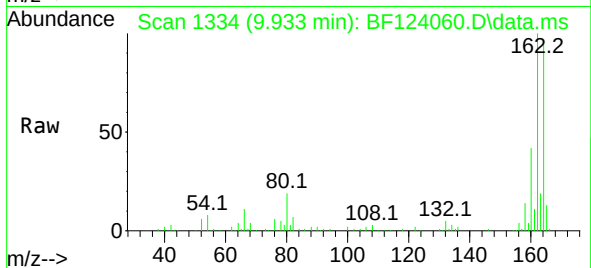




#51
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 9.933 min Scan# 1334
Delta R.T. 0.212 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

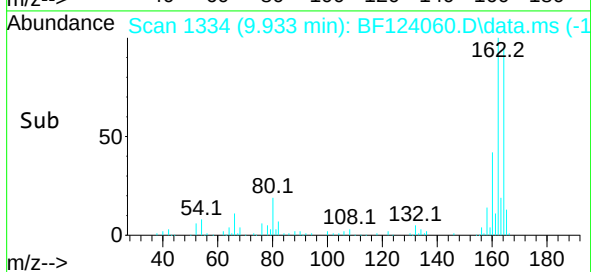
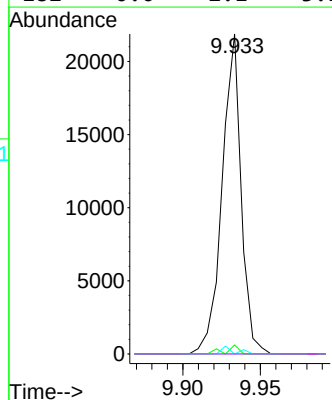
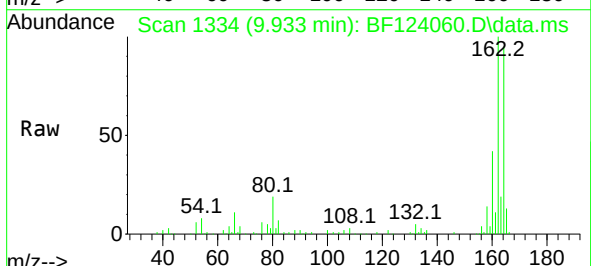
Instrument :
BNA_F
ClientSampleId :
PB136648BL

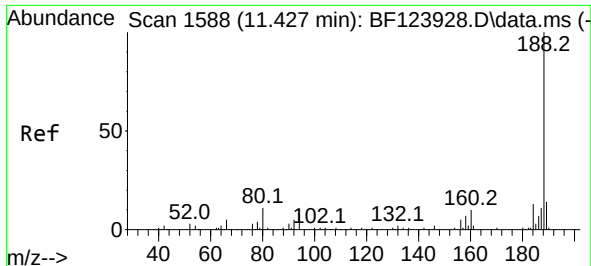
Tgt Ion:165 Resp: 18641
Ion Ratio Lower Upper
165 100
63 2.8 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.71 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.188 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

Tgt Ion:165 Resp: 18641
Ion Ratio Lower Upper
165 100
63 2.8 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

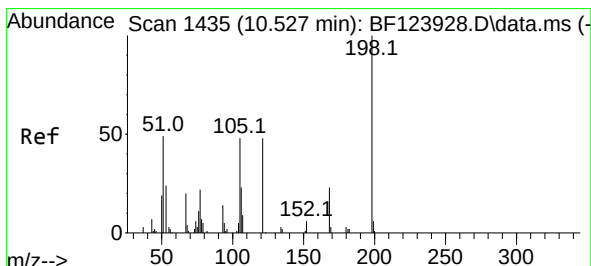
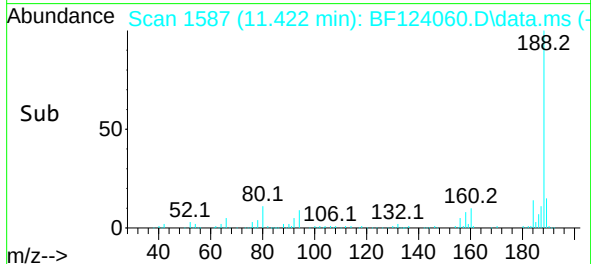
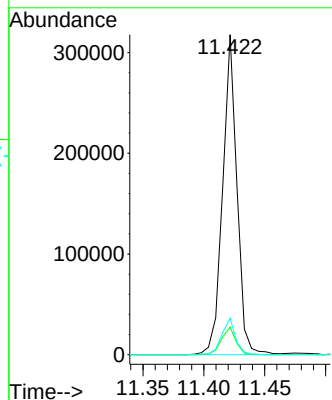
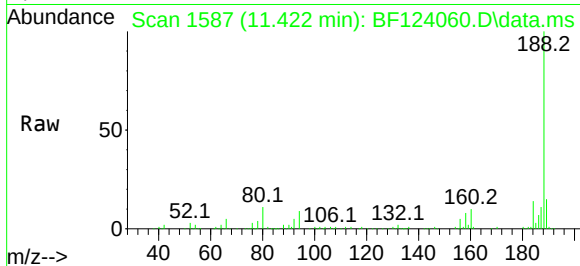




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.005 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

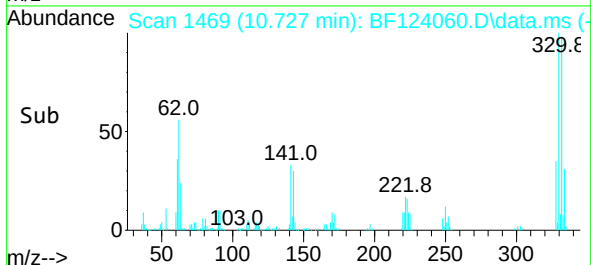
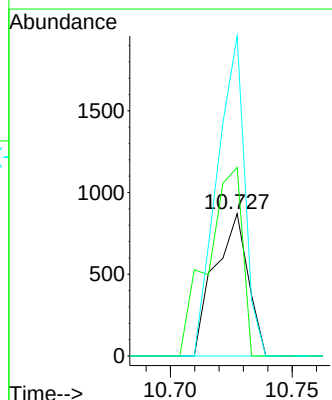
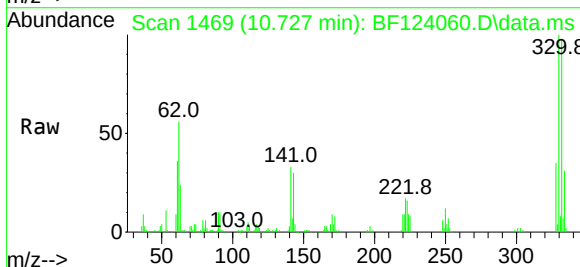
Instrument :
BNA_F
ClientSampleId :
PB136648BL

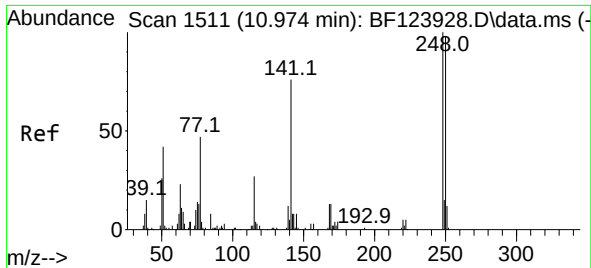
Tgt Ion:188 Resp: 260458
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 11.3 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.88 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.200 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

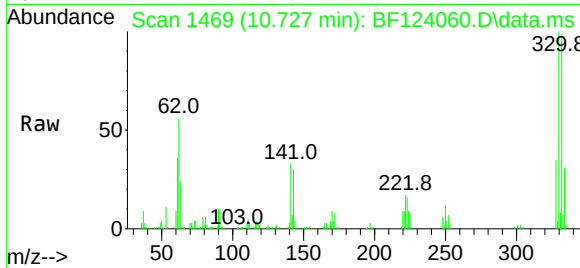
Tgt Ion:198 Resp: 830
Ion Ratio Lower Upper
198 100
51 132.5 64.8 104.8#
105 225.1 42.6 82.6#



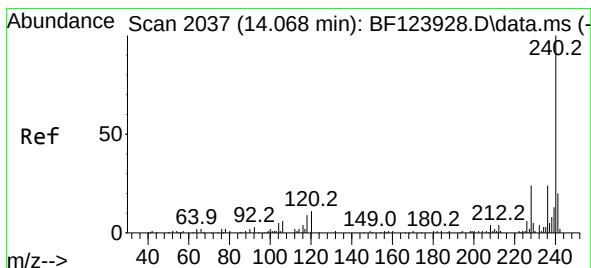
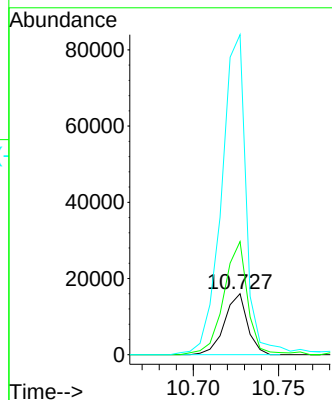
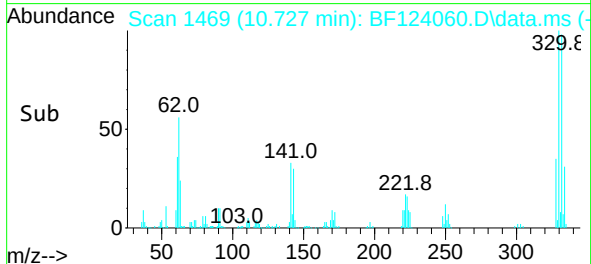


#67
4-Bromophenyl-phenylether
Concen: 4.39 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12

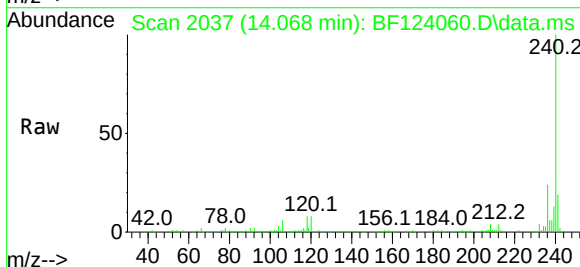
Instrument :
BNA_F
ClientSampleId :
PB136648BL



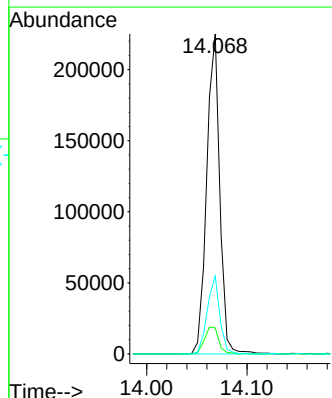
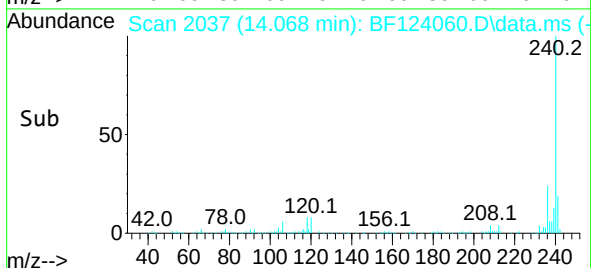
Tgt Ion:248 Resp: 15037
Ion Ratio Lower Upper
248 100
250 185.5 77.4 116.2#
141 524.5 63.7 95.5#

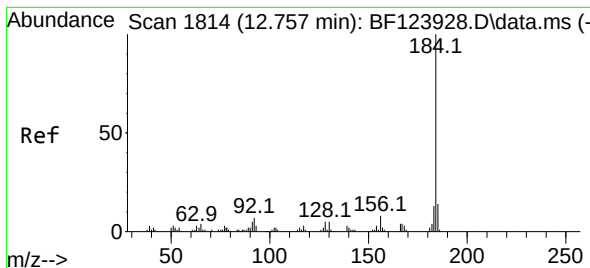


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF124060.D
Acq: 26 May 2021 12:12



Tgt Ion:240 Resp: 204217
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 24.3 19.0 28.4





#77

Benzidine

Concen: 3.69 ng

RT: 13.016 min Scan# 1858

Delta R.T. 0.259 min

Lab File: BF124060.D

Acq: 26 May 2021 12:12

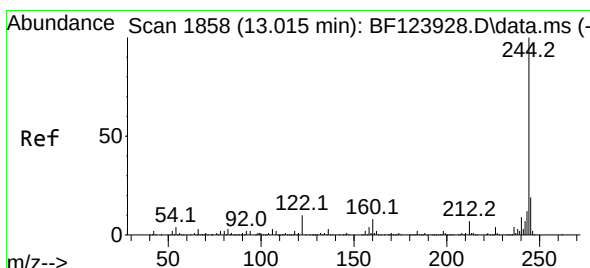
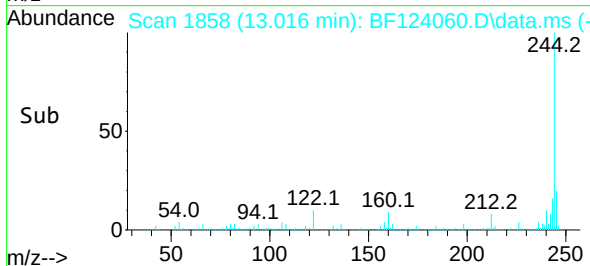
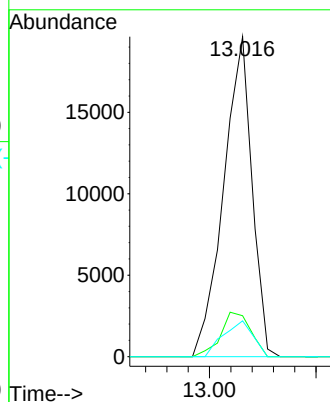
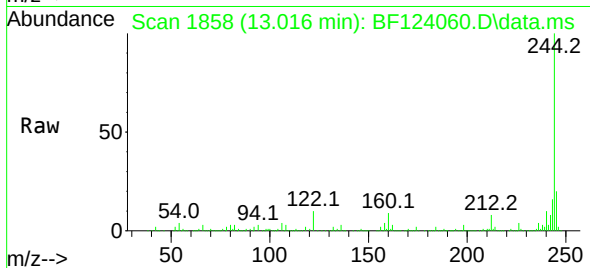
Tgt Ion:184	Resp:	18174
Ion Ratio	Lower	Upper
184	100	
185	12.8	12.1 18.1
183	11.2	7.8 11.8

Instrument :

BNA_F

ClientSampleId :

PB136648BL



#79

Terphenyl-d14

Concen: 82.47 ng

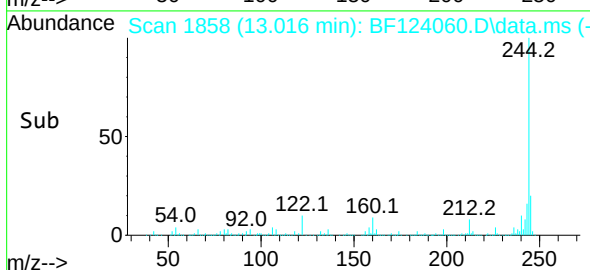
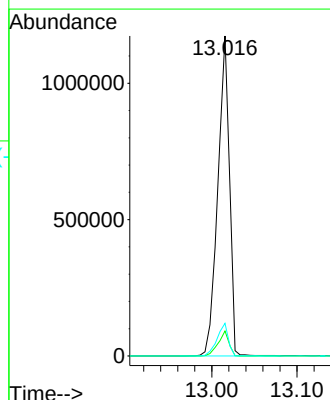
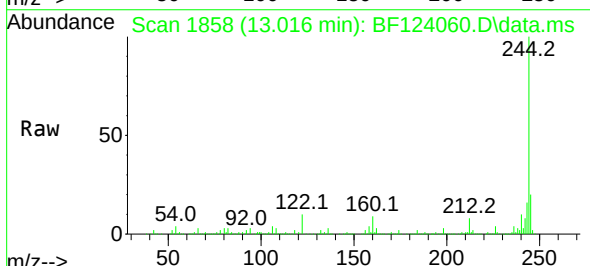
RT: 13.016 min Scan# 1858

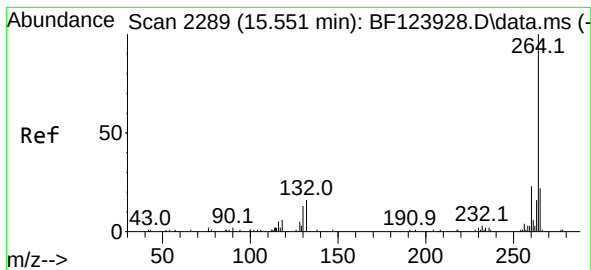
Delta R.T. 0.000 min

Lab File: BF124060.D

Acq: 26 May 2021 12:12

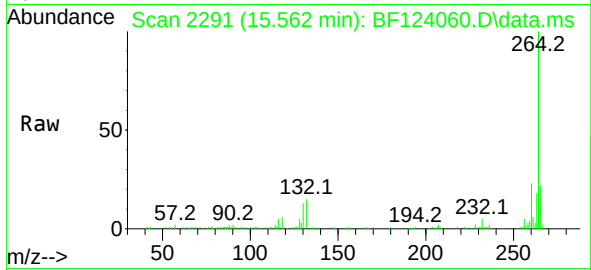
Tgt Ion:244	Resp:	1111941
Ion Ratio	Lower	Upper
244	100	
212	7.8	5.7 8.5
122	10.2	9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.562 min Scan# 2291
 Delta R.T. 0.012 min
 Lab File: BF124060.D
 Acq: 26 May 2021 12:12

Instrument :
 BNA_F
 ClientSampleId :
 PB136648BL



Tgt Ion:264 Resp: 151980
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.7 28.1
 265 22.0 17.8 26.8

