

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072121\
 Data File : BF124682.D
 Acq On : 22 Jul 2021 2:15
 Operator : JU/CG
 Sample : M3109-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX-02D

Quant Time: Jul 22 03:18:21 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)

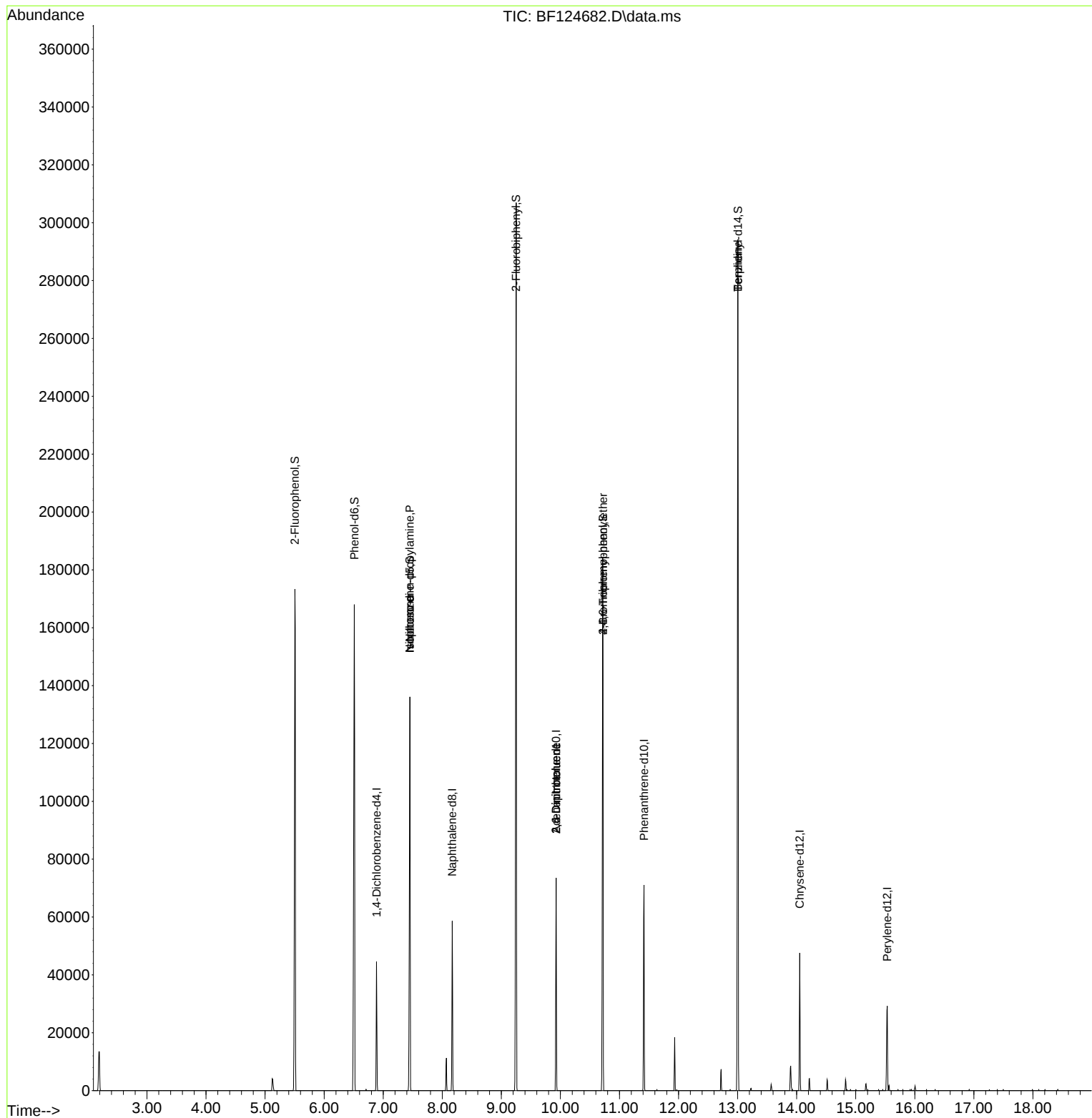
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	6492	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	24800	20.00	ng	# 0.00
39) Acenaphthene-d10	9.928	164	14330	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	26032	20.00	ng	0.00
76) Chrysene-d12	14.051	240	16292	20.00	ng	-0.01
86) Perylene-d12	15.533	264	14244	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	53415	142.55	ng	0.00
7) Phenol-d6	6.510	99	64951	142.49	ng	-0.01
23) Nitrobenzene-d5	7.451	82	40957	104.25	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	17789	159.52	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	94670	96.34	ng	0.00
79) Terphenyl-d14	13.004	244	102613	105.76	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	5288	20.63	ng	# 68
25) Isophorone	7.451	82	40955	56.79	ng	# 59
51) 2,6-Dinitrotoluene	9.928	165	1909	9.71	ng	# 26
57) 2,4-Dinitrotoluene	9.928	165	1909	7.09	ng	# 18
67) 4-Bromophenyl-phenylether	10.722	248	1434	5.33	ng	# 1
77) Benzidine	13.004	184	1622	2.66	ng	# 69

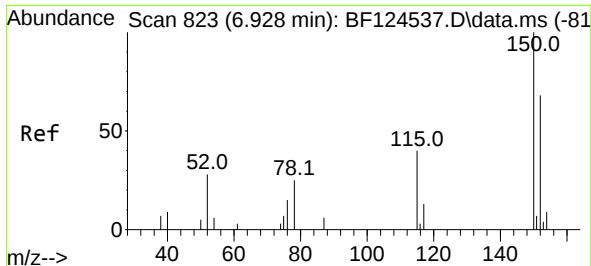
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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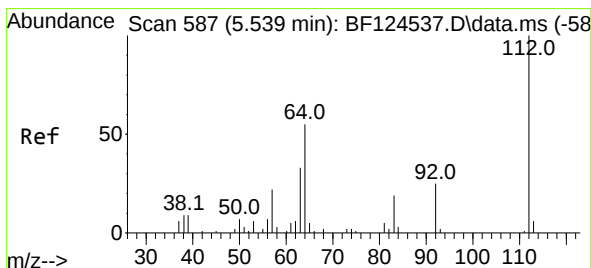
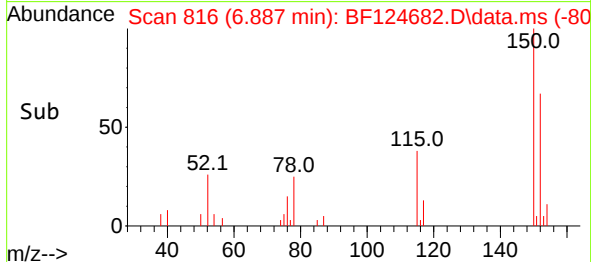
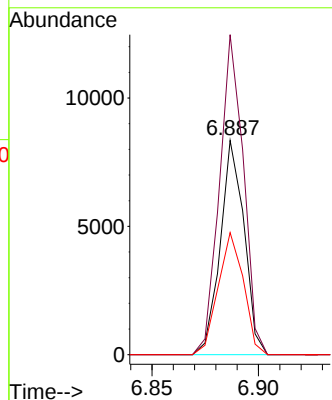
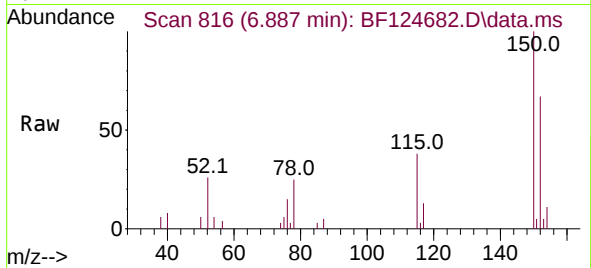




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

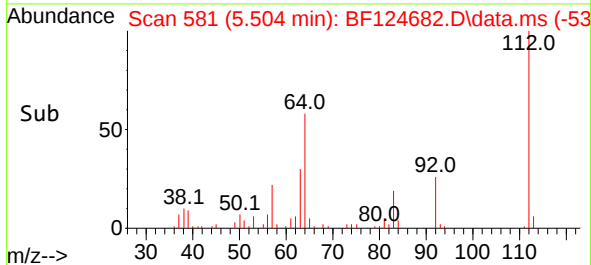
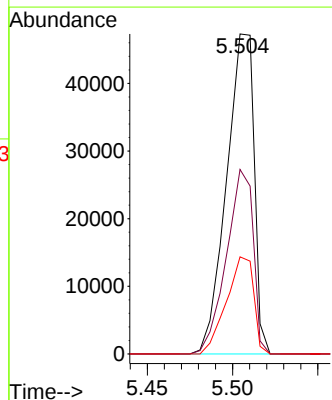
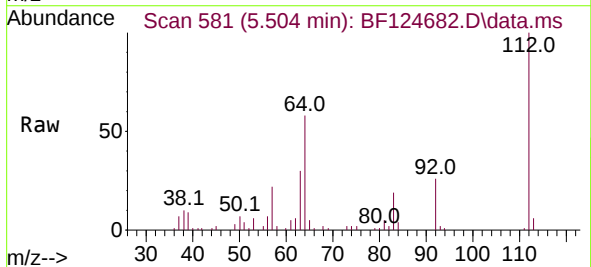
Instrument :
BNA_F
ClientSampleId :
PX-02D

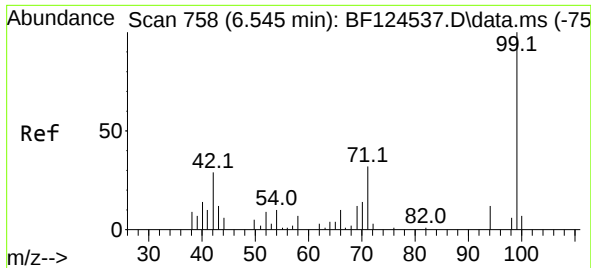
Tgt Ion:152 Resp: 6492
Ion Ratio Lower Upper
152 100
150 149.3 117.6 176.4
115 57.0 47.1 70.7



#5
2-Fluorophenol
Concen: 142.55 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

Tgt Ion:112 Resp: 53415
Ion Ratio Lower Upper
112 100
64 57.7 44.2 66.2
63 30.4 26.2 39.2

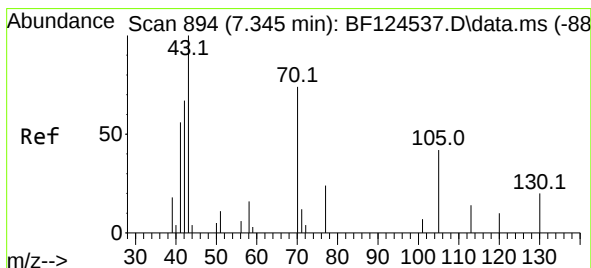
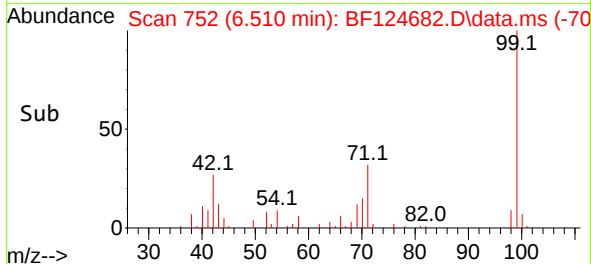
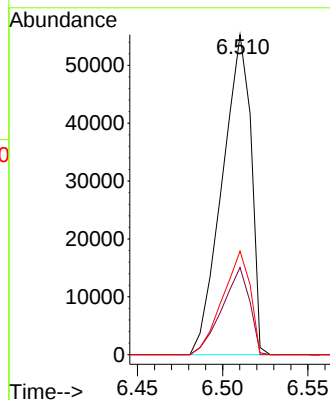
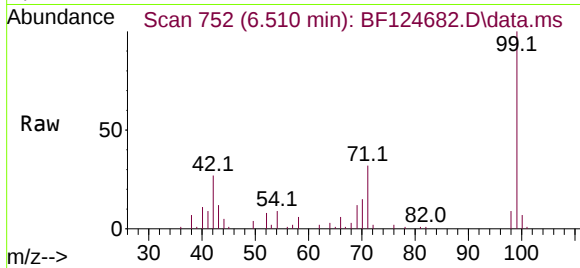




#7
Phenol-d6
Concen: 142.49 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

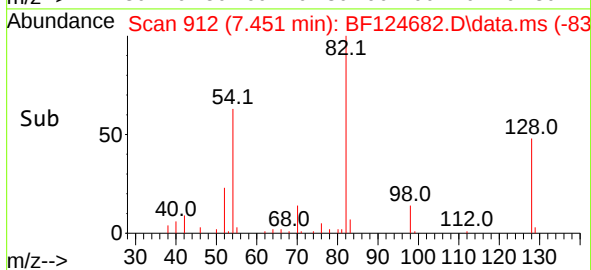
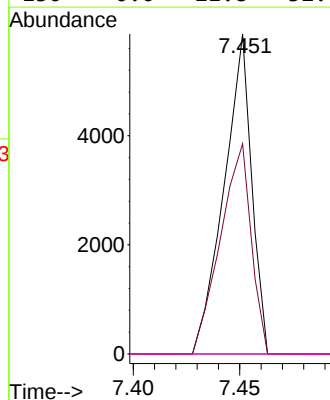
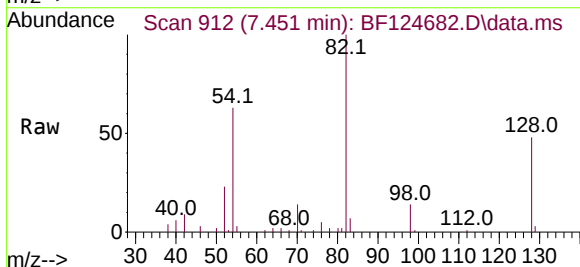
Instrument :
BNA_F
ClientSampled :
PX-02D

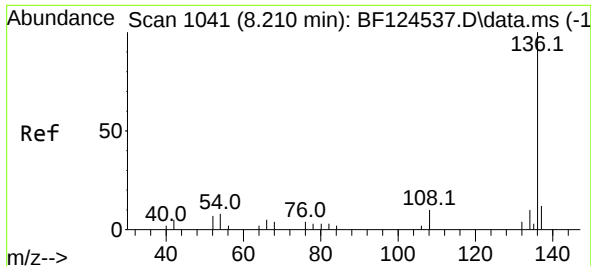
Tgt Ion:	99	Resp:	64951
Ion	Ratio	Lower	Upper
99	100		
42	27.3	23.5	35.3
71	32.3	25.6	38.4



#19
n-Nitroso-di-n-propylamine
Concen: 20.63 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

Tgt Ion:	70	Resp:	5288
Ion	Ratio	Lower	Upper
70	100		
42	65.7	72.2	108.2#
101	0.0	7.8	11.8#
130	0.0	21.8	32.6#

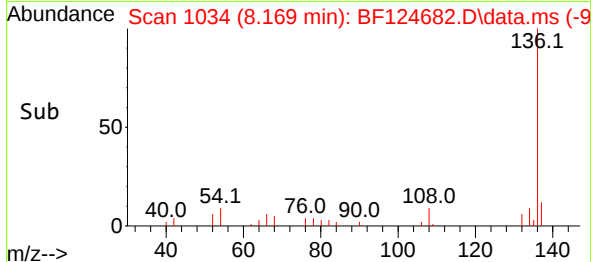
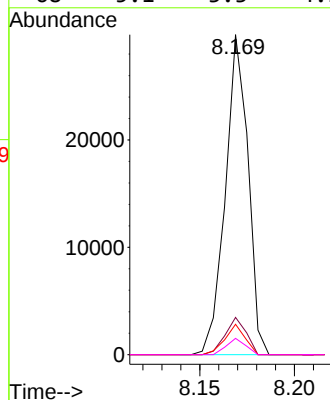
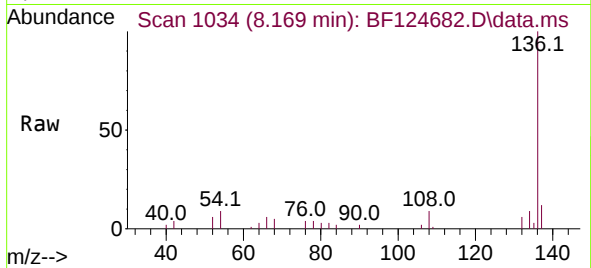




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

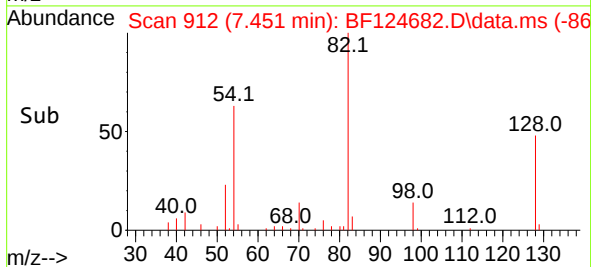
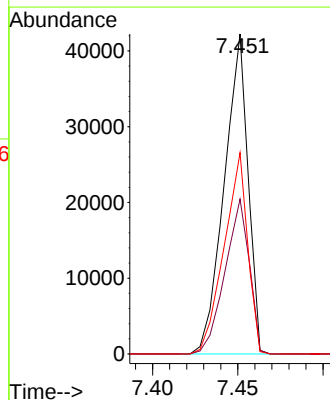
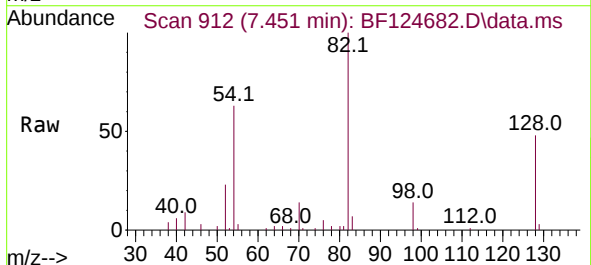
Instrument :
BNA_F
ClientSampleId :
PX-02D

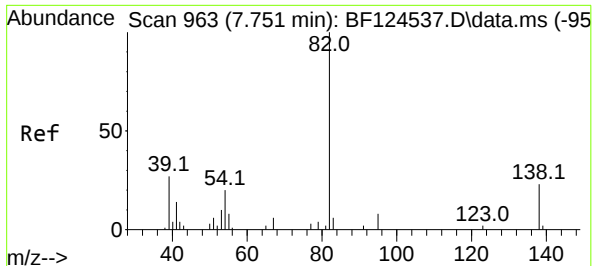
Tgt Ion:136	Resp:	24800
Ion Ratio	Lower	Upper
136	100	
137	11.6	9.8 14.6
54	9.5	6.4 9.6
68	5.1	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 104.25 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

Tgt Ion: 82	Resp:	40957
Ion Ratio	Lower	Upper
82	100	
128	48.4	40.6 60.8
54	62.9	49.6 74.4

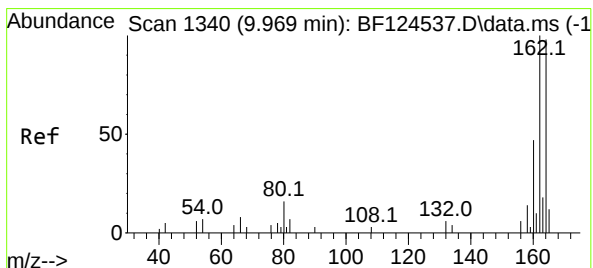
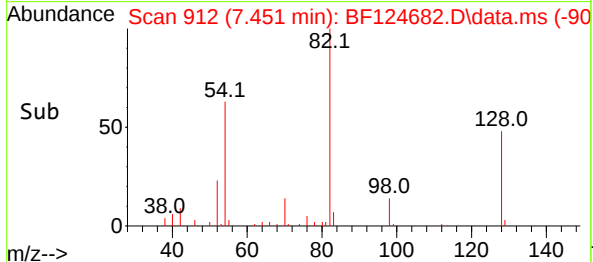
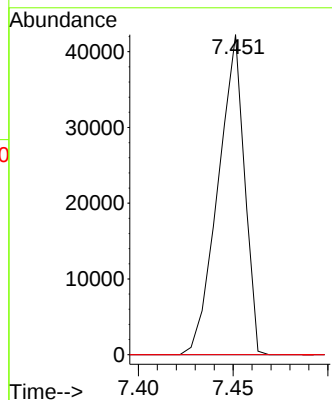
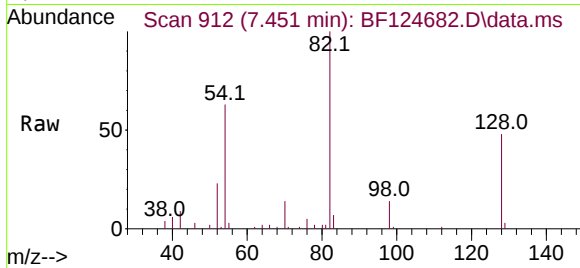




#25
Isophorone
Concen: 56.79 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.264 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

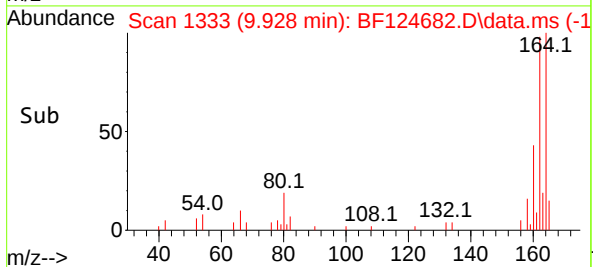
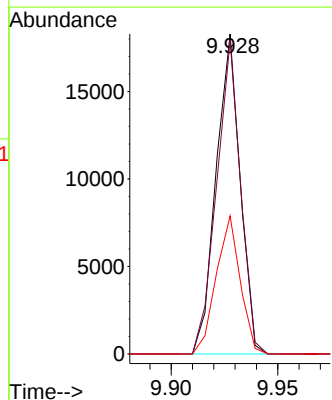
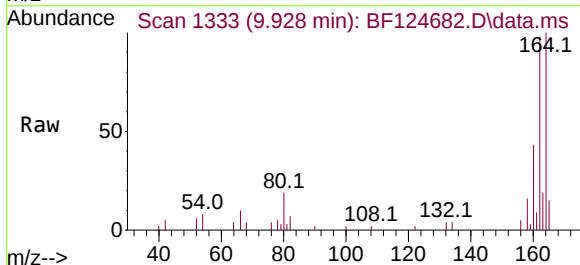
Instrument :
BNA_F
ClientSampleId :
PX-02D

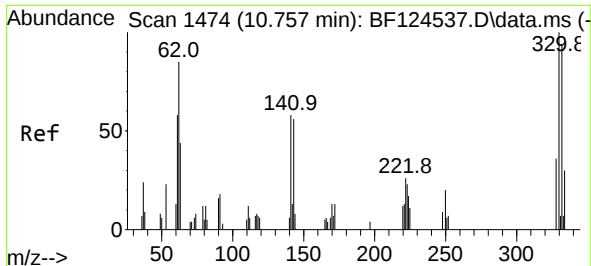
Tgt Ion: 82 Resp: 40955
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

Tgt Ion:164 Resp: 14330
Ion Ratio Lower Upper
164 100
162 98.1 81.3 121.9
160 43.2 38.0 57.0

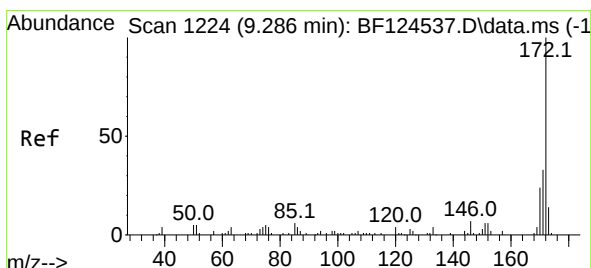
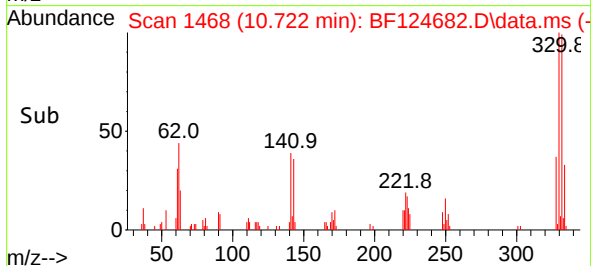
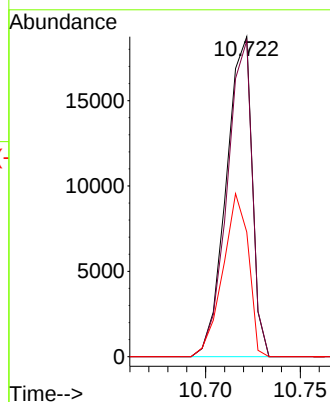
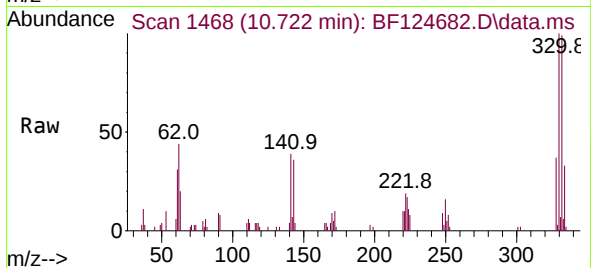




#42
2,4,6-Tribromophenol
Concen: 159.52 ng
RT: 10.722 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

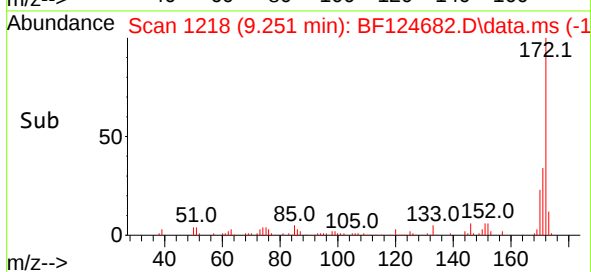
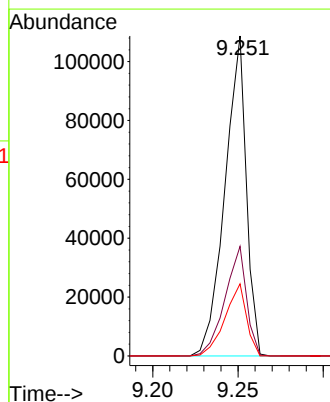
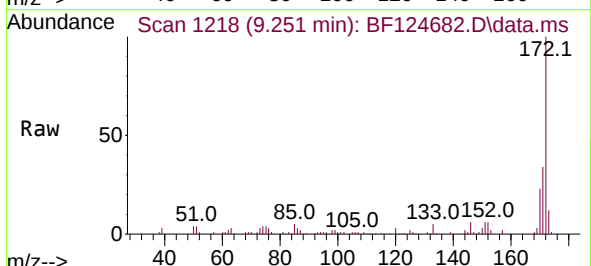
Instrument :
BNA_F
ClientSampleID :
PX-02D

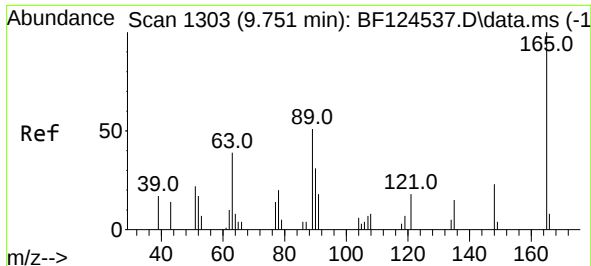
Tgt Ion: 330 Resp: 17789
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 50.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 96.34 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

Tgt Ion: 172 Resp: 94670
Ion Ratio Lower Upper
172 100
171 34.2 26.5 39.7
170 22.6 18.8 28.2

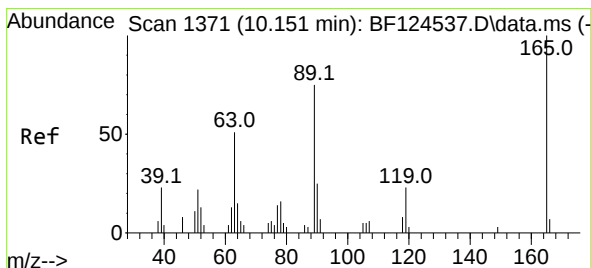
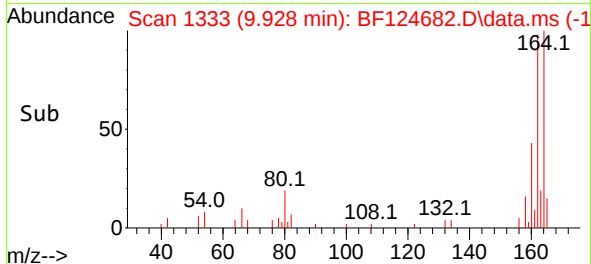
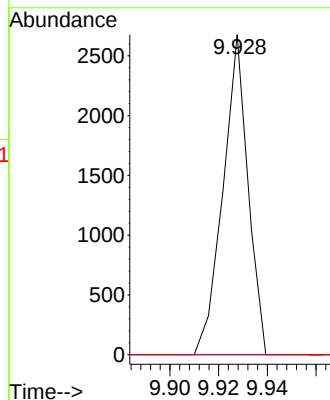
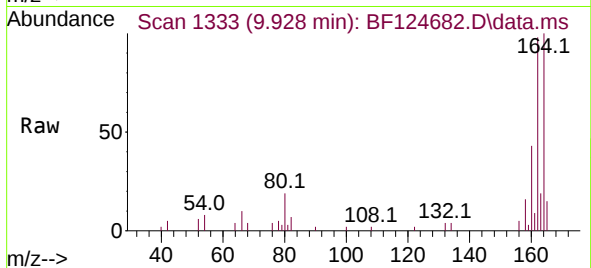




#51
2,6-Dinitrotoluene
Concen: 9.71 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.212 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

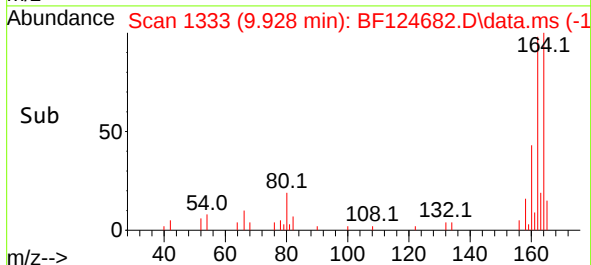
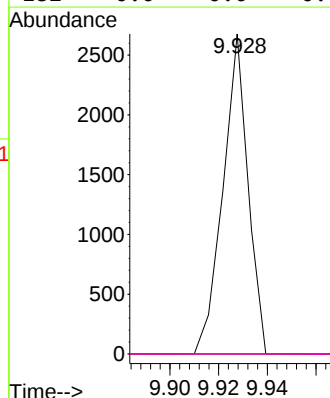
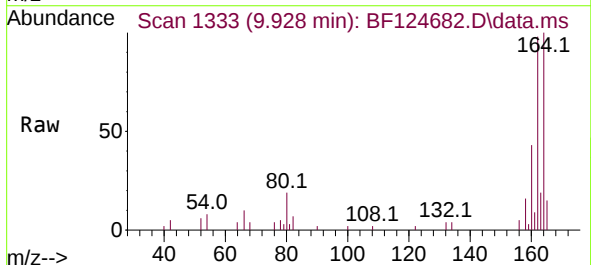
Instrument :
BNA_F
ClientSampled :
PX-02D

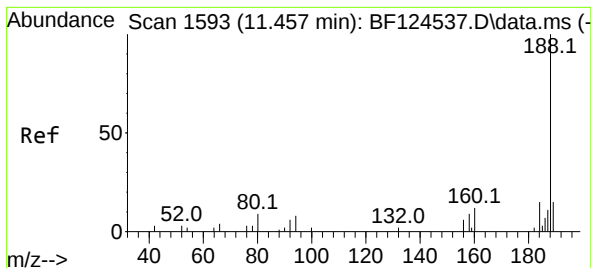
Tgt Ion:165 Resp: 1909
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.09 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

Tgt Ion:165 Resp: 1909
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: BF124682.D

Acq: 22 Jul 2021 2:15

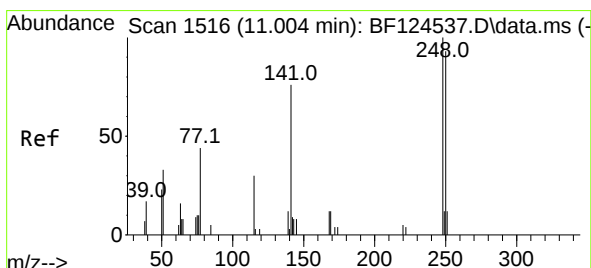
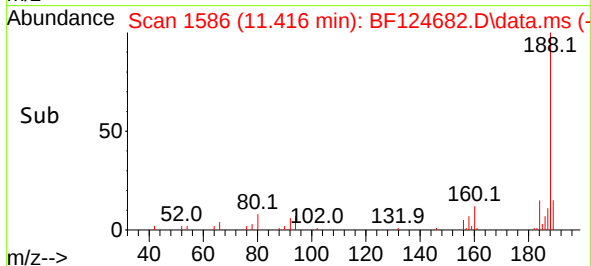
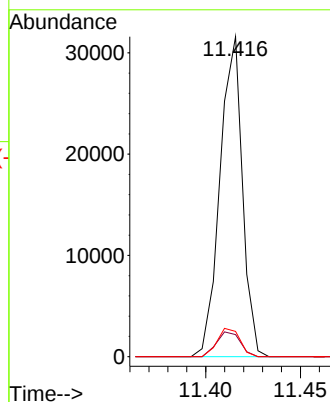
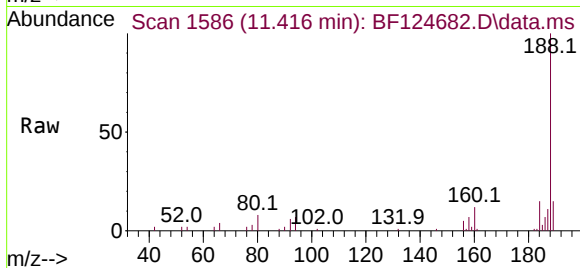
Tgt Ion:188 Resp: 26032

Ion Ratio Lower Upper

188 100

94 6.9 6.7 10.1

80 7.9 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 5.33 ng

RT: 10.722 min Scan# 1468

Delta R.T. -0.241 min

Lab File: BF124682.D

Acq: 22 Jul 2021 2:15

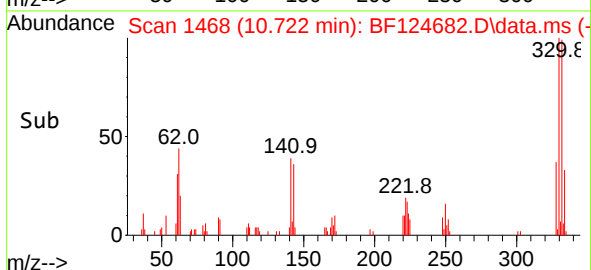
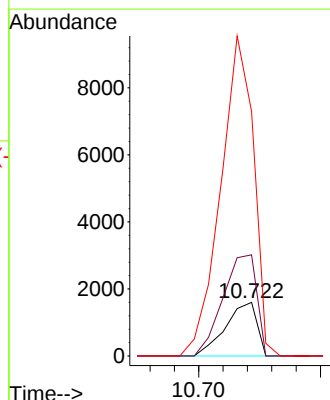
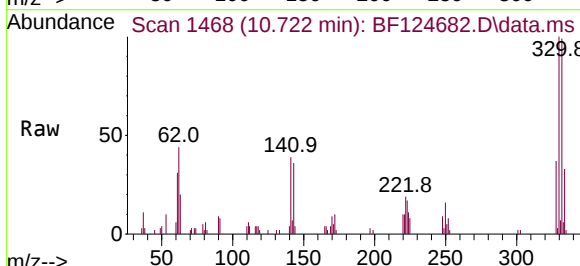
Tgt Ion:248 Resp: 1434

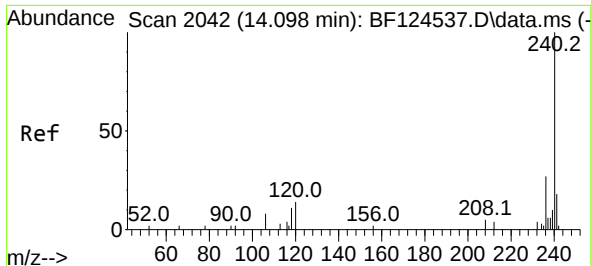
Ion Ratio Lower Upper

248 100

250 189.0 74.2 111.4#

141 456.9 60.4 90.6#

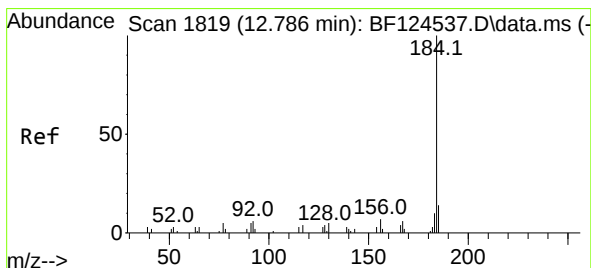
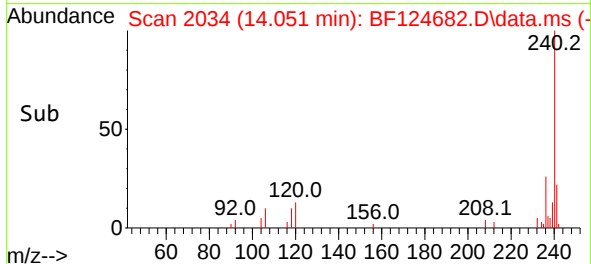
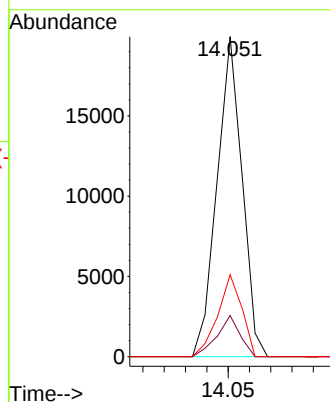
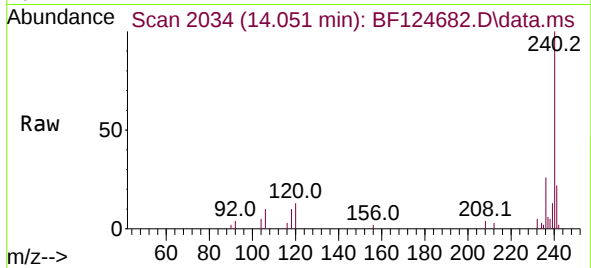




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

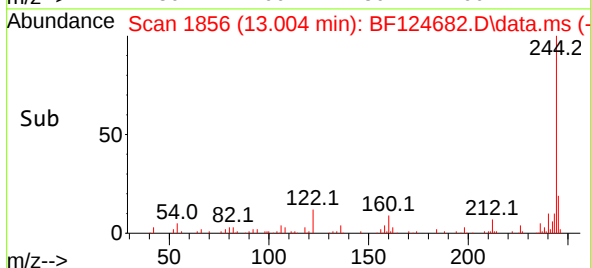
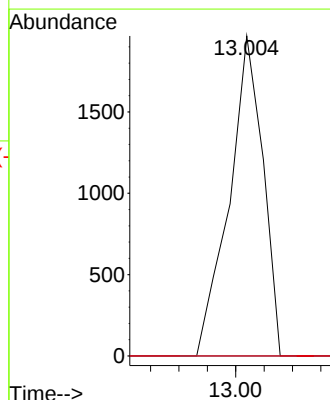
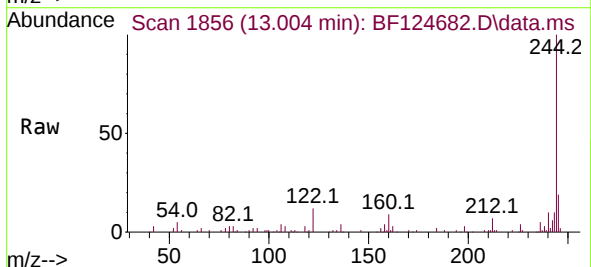
Instrument :
BNA_F
ClientSampled :
PX-02D

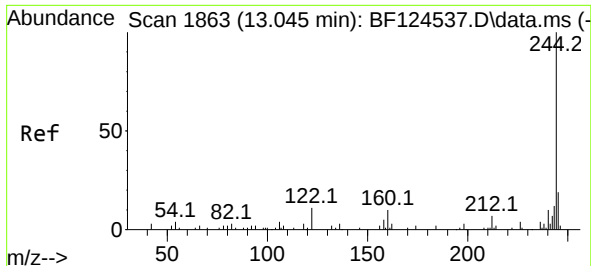
Tgt Ion:	240	Resp:	16292
Ion Ratio	Lower	Upper	
240	100		
120	12.9	10.8	16.2
236	25.6	21.6	32.4



#77
Benzidine
Concen: 2.66 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.253 min
Lab File: BF124682.D
Acq: 22 Jul 2021 2:15

Tgt Ion:	184	Resp:	1622
Ion Ratio	Lower	Upper	
184	100		
185	0.0	10.8	16.2#
183	0.0	8.1	12.1#

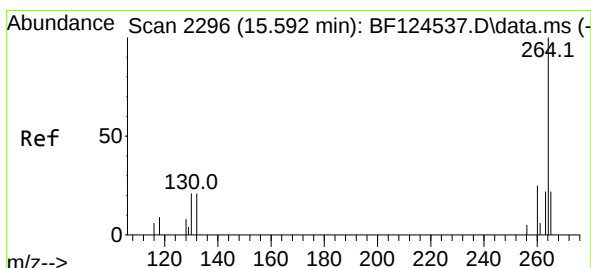
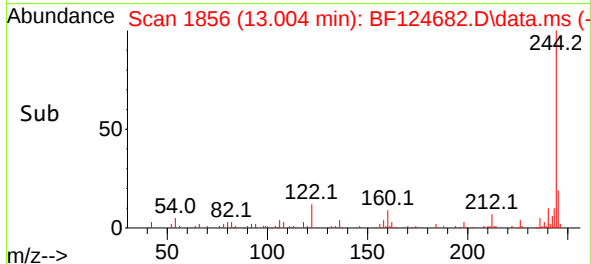
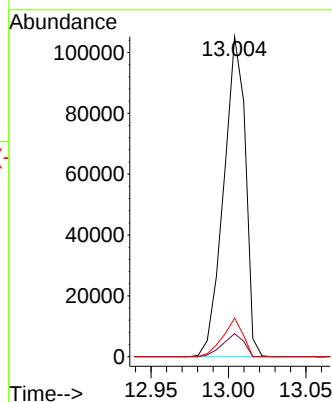
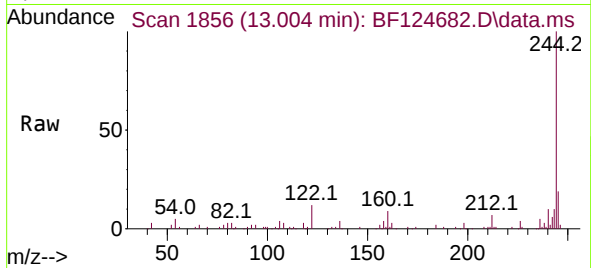




#79
 Terphenyl-d14
 Concen: 105.76 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. -0.006 min
 Lab File: BF124682.D
 Acq: 22 Jul 2021 2:15

Instrument :
 BNA_F
 ClientSampleId :
 PX-02D

Tgt Ion:244	Resp: 102613
Ion Ratio	Lower Upper
244 100	
212 7.2	5.9 8.9
122 12.1	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: BF124682.D
 Acq: 22 Jul 2021 2:15

Tgt Ion:264	Resp: 14244
Ion Ratio	Lower Upper
264 100	
260 22.6	19.6 29.4
265 20.0	17.2 25.8

