

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061721\
 Data File : BF124359.D
 Acq On : 17 Jun 2021 12:42
 Operator : JU/CG
 Sample : M2678-14
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMND-COMP-K(CL-16)

Quant Time: Jun 17 13:07:19 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 15 20:09:26 2021
 Response via : Initial Calibration

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

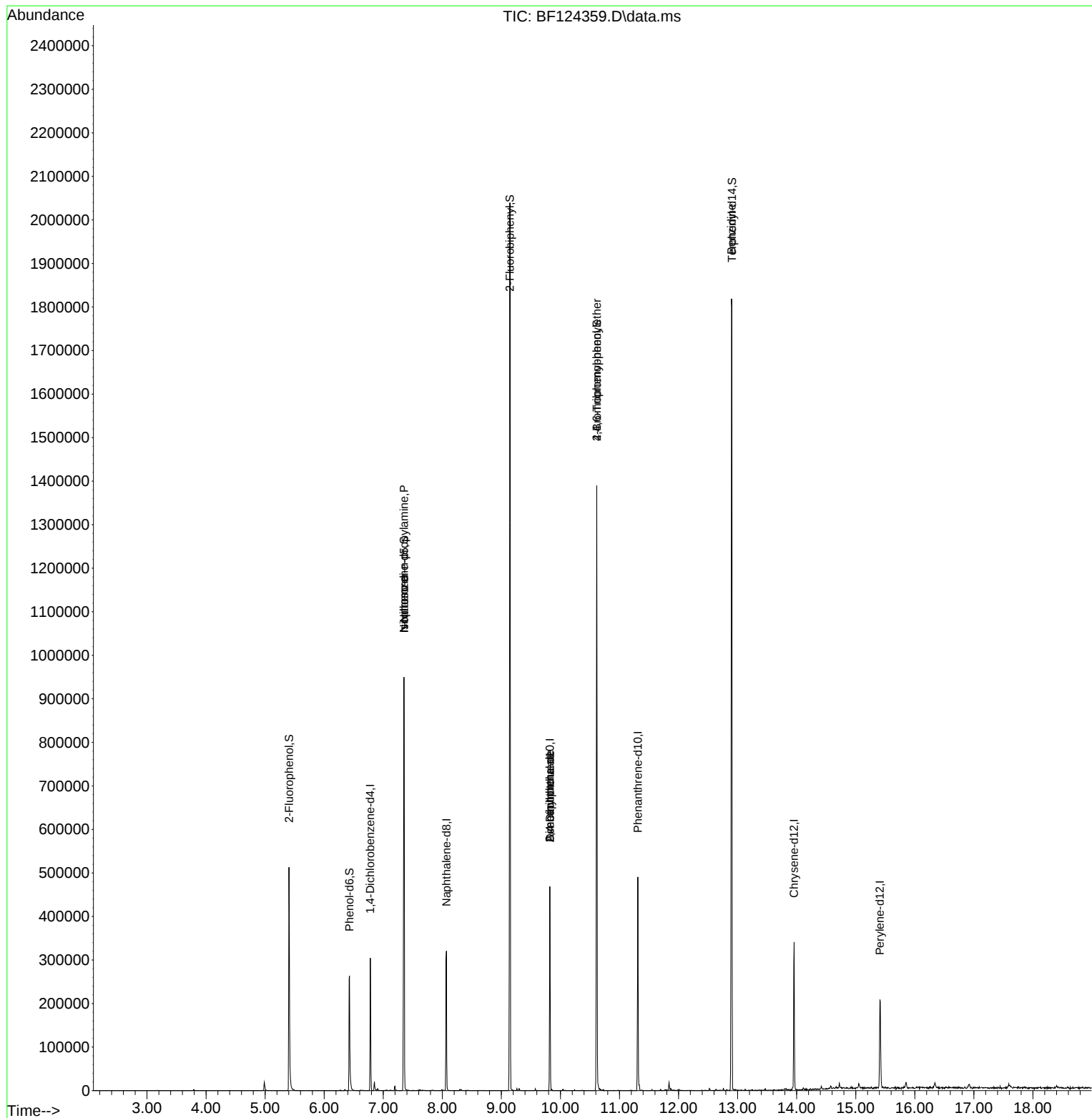
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	34036	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	126639	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	77189	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	146741	20.000	ng	0.00
76) Chrysene-d12	13.957	240	112015	20.000	ng	0.00
86) Perylene-d12	15.409	264	90392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	117353	51.903	ng	-0.01
7) Phenol-d6	6.428	99	85512	28.137	ng	-0.02
23) Nitrobenzene-d5	7.351	82	303559	95.070	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	139287	127.368	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	565937	92.261	ng	0.00
79) Terphenyl-d14	12.904	244	635754	77.924	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	43087	20.083	ng	# 65
25) Isophorone	7.351	82	303612	52.767	ng	# 69
50) Dimethylphthalate	9.822	163	14934	2.338	ng	# 1
57) 2,4-Dinitrotoluene	9.822	165	10435	5.404	ng	# 15
67) 4-Bromophenyl-phenylether	10.616	248	9732	4.832	ng	# 1
77) Benzidine	12.898	184	10504	7.744	ng	# 97

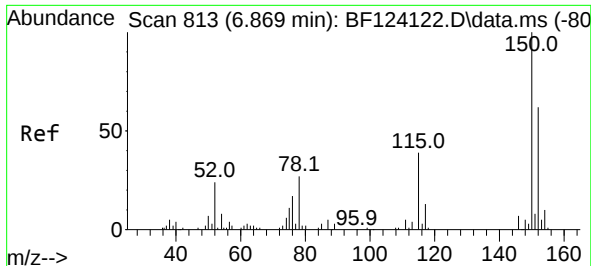
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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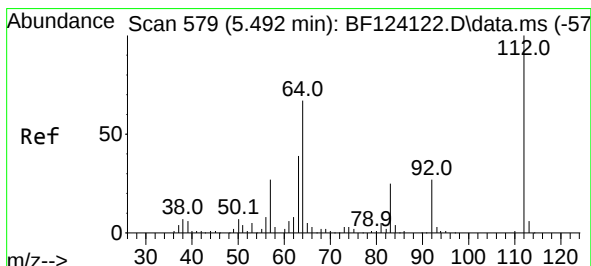
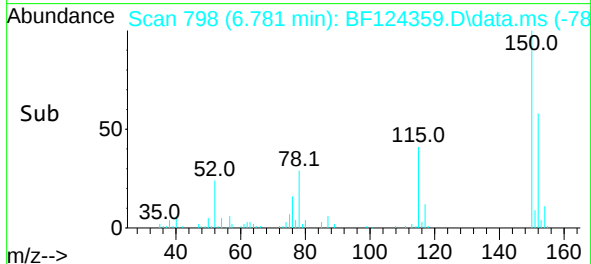
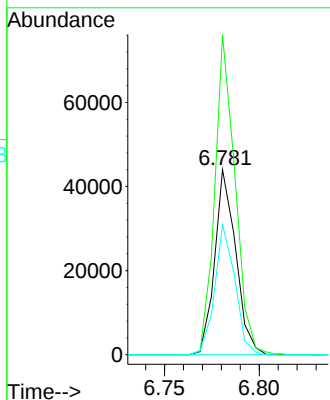
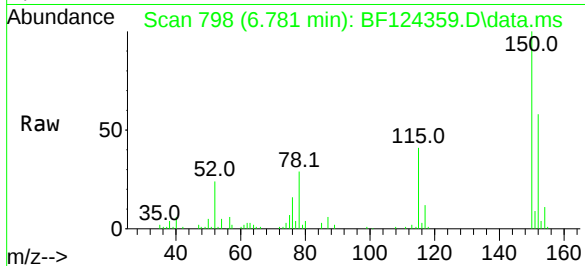




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

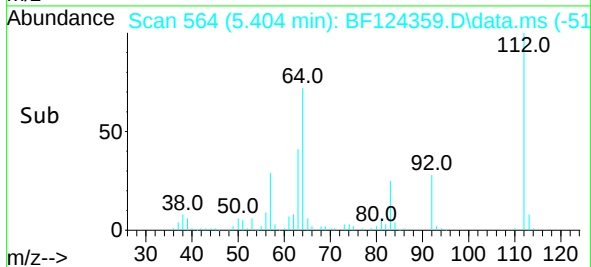
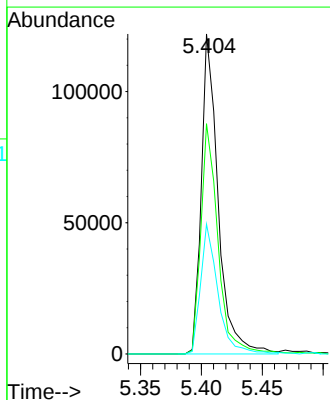
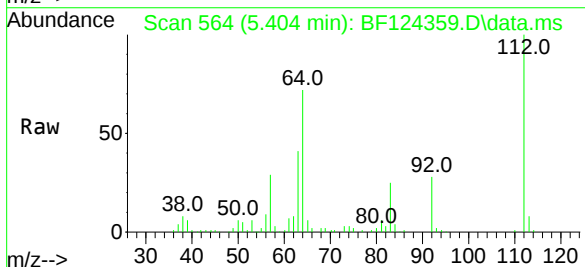
Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-K(CL-16)

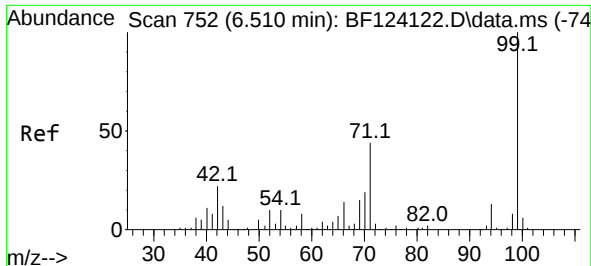
Tgt Ion:152 Resp: 34036
Ion Ratio Lower Upper
152 100
150 172.8 127.0 190.6
115 70.1 54.3 81.5



#5
2-Fluorophenol
Concen: 51.903 ng
RT: 5.404 min Scan# 564
Delta R.T. -0.012 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

Tgt Ion:112 Resp: 117353
Ion Ratio Lower Upper
112 100
64 72.0 61.4 92.0
63 40.5 33.0 49.4

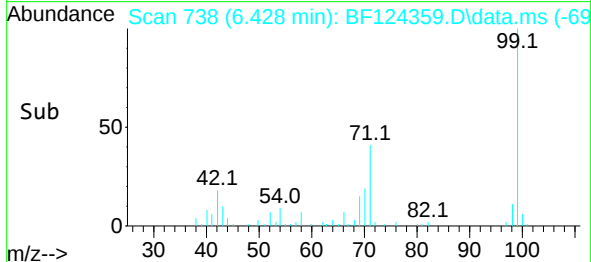
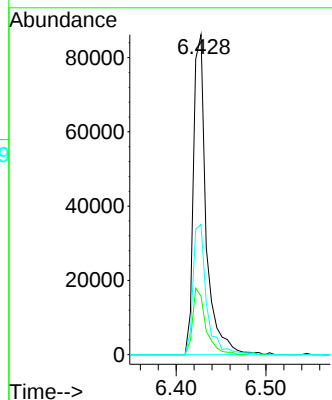
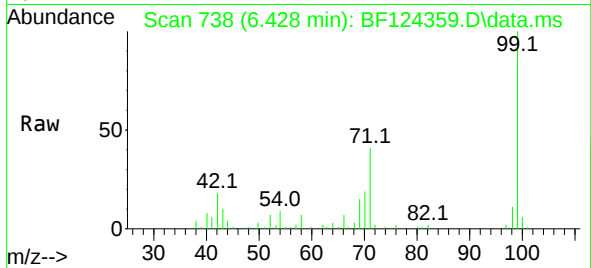




#7
Phenol-d6
Concen: 28.137 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

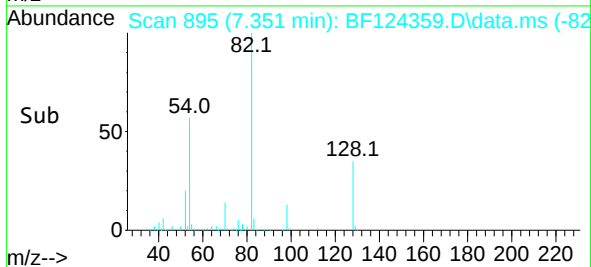
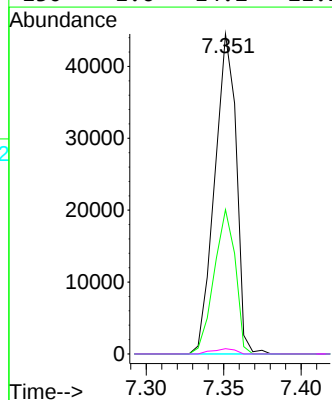
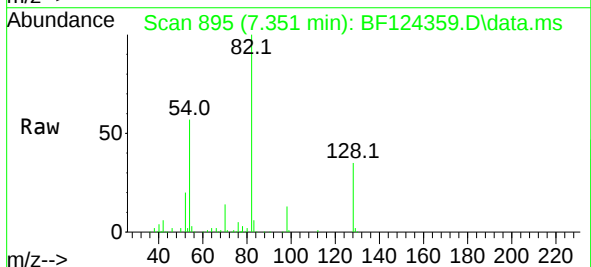
Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-K(CL-16)

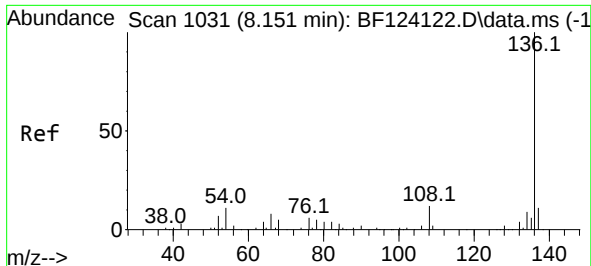
Tgt Ion: 99 Resp: 85512
Ion Ratio Lower Upper
99 100
42 18.3 19.8 29.8#
71 40.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 20.083 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

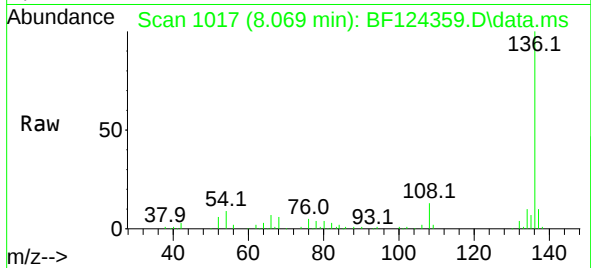
Tgt Ion: 70 Resp: 43087
Ion Ratio Lower Upper
70 100
42 45.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#



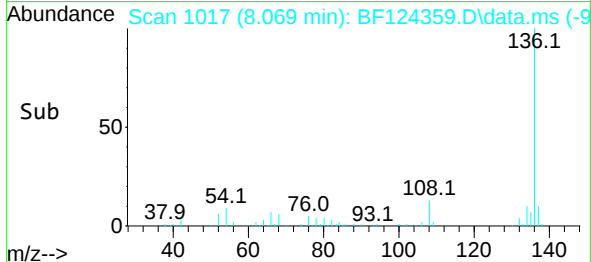
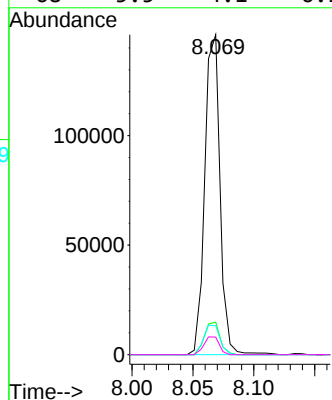


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-K(CL-16)

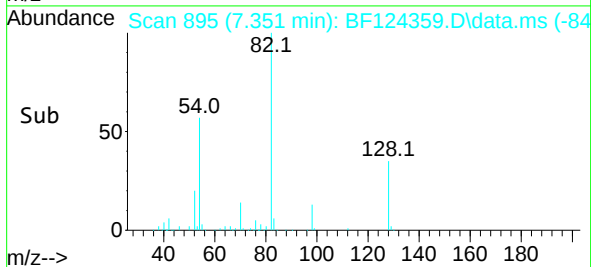
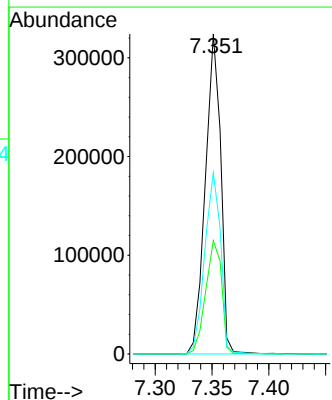
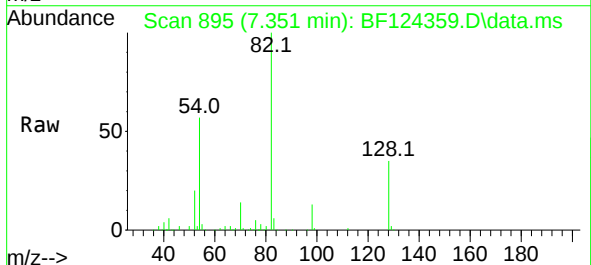


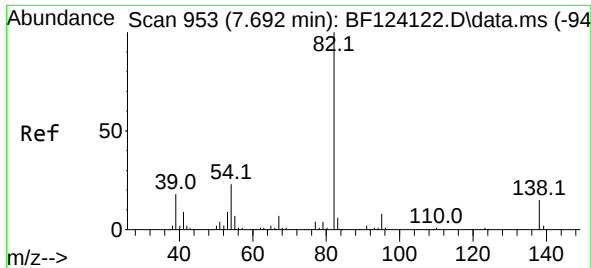
Tgt Ion:	136	Resp:	126639
Ion Ratio	Lower	Upper	
136	100		
137	10.1	8.7	13.1
54	9.1	9.8	14.6#
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 95.070 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

Tgt Ion:	82	Resp:	303559
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.4	44.2
54	56.6	54.1	81.1

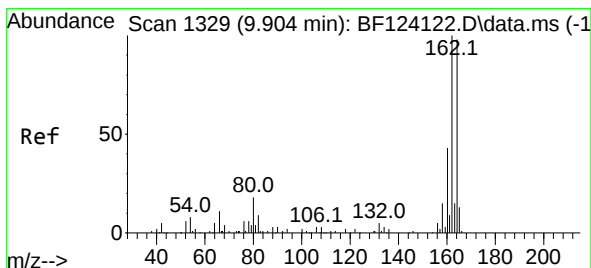
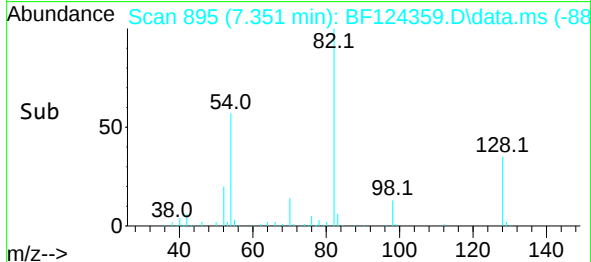
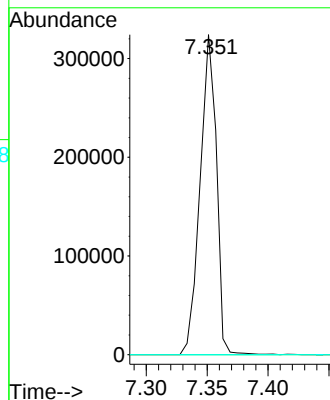
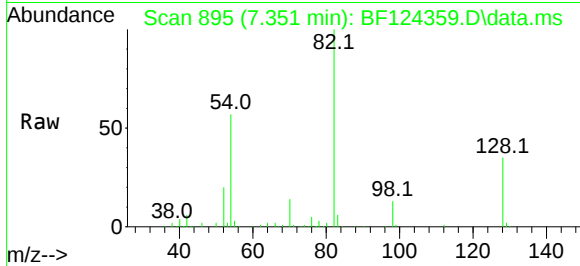




#25
Isophorone
Concen: 52.767 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

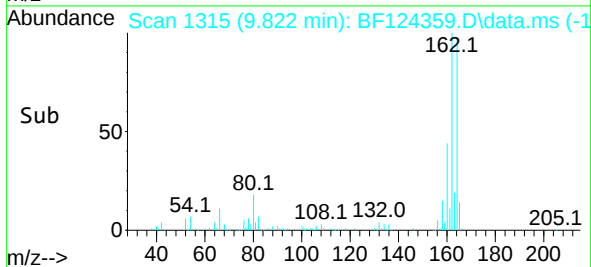
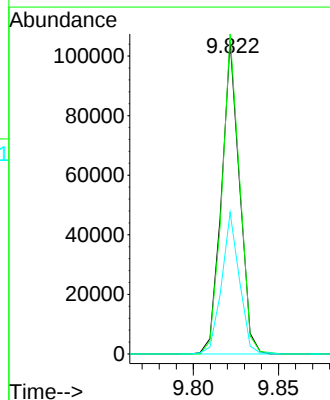
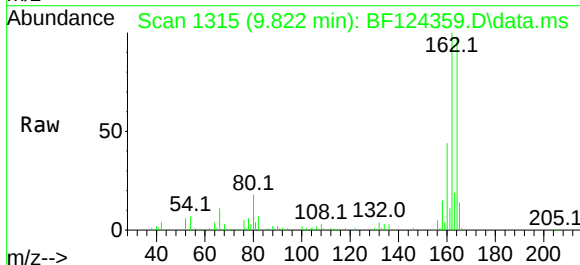
Instrument :
BNA_F
ClientSampleId :
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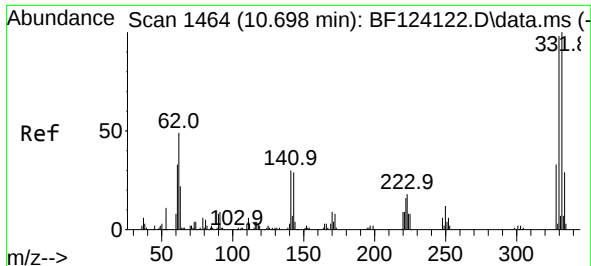
Tgt Ion: 82 Resp: 303612
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

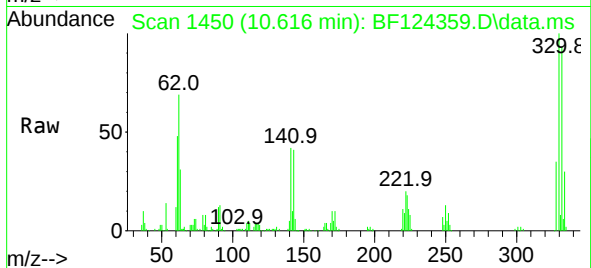
Tgt Ion:164 Resp: 77189
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 45.2 37.3 55.9



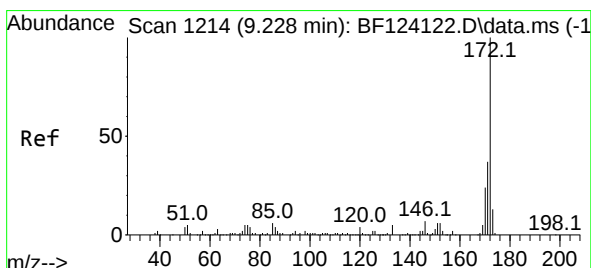
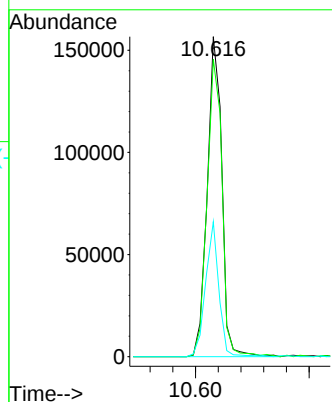
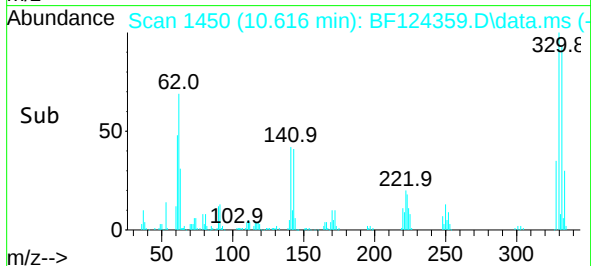


#42
2,4,6-Tribromophenol
Concen: 127.368 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

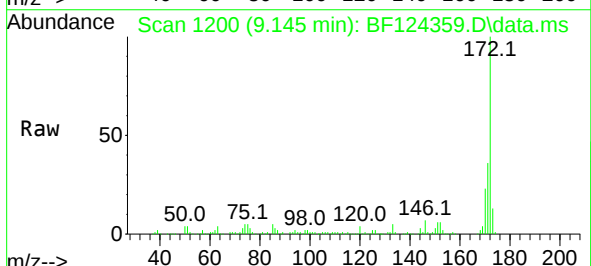
Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-K(CL-16)



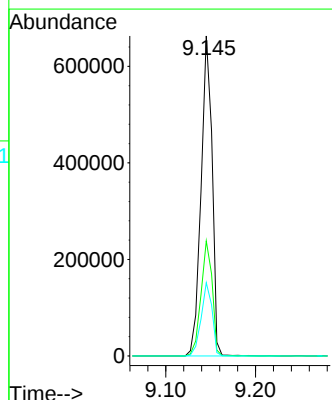
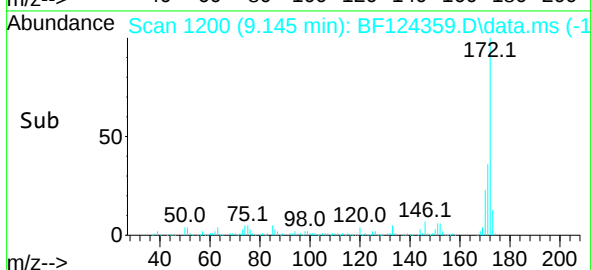
Tgt Ion: 330 Resp: 139287
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 38.6 27.9 41.9

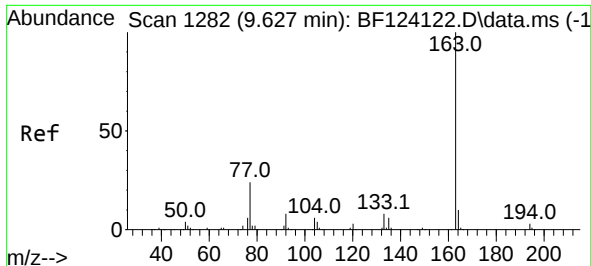


#45
2-Fluorobiphenyl
Concen: 92.261 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42



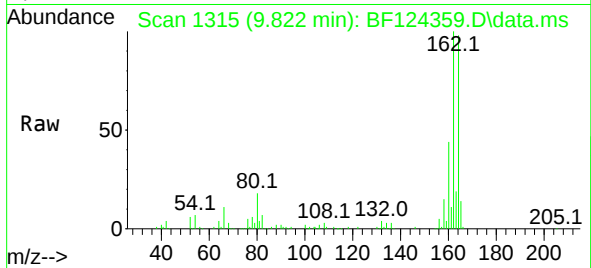
Tgt Ion: 172 Resp: 565937
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 22.9 19.2 28.8



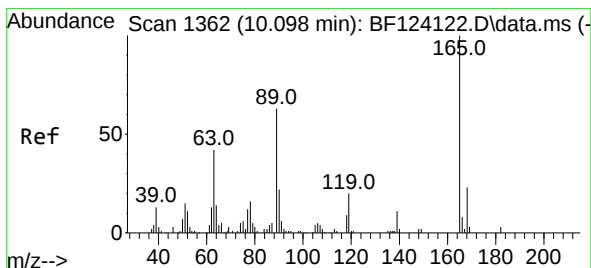
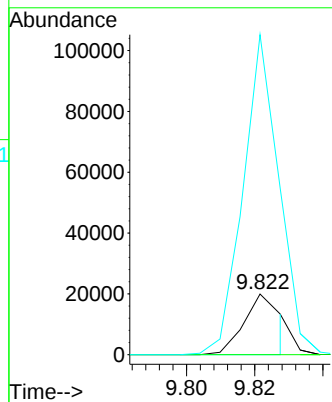
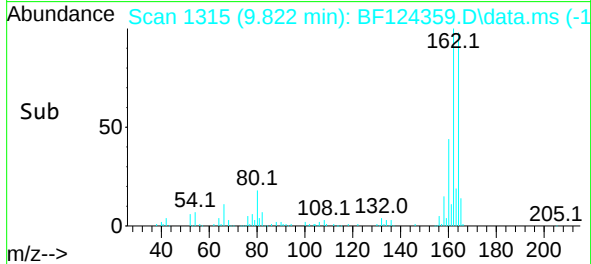


#50
Dimethylphthalate
Concen: 2.338 ng
RT: 9.822 min Scan# 1315
Delta R.T. 0.265 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

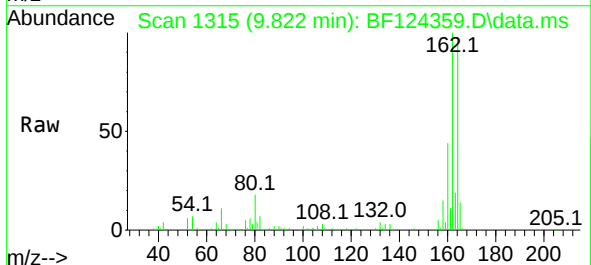
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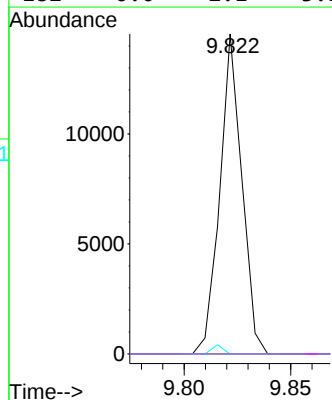
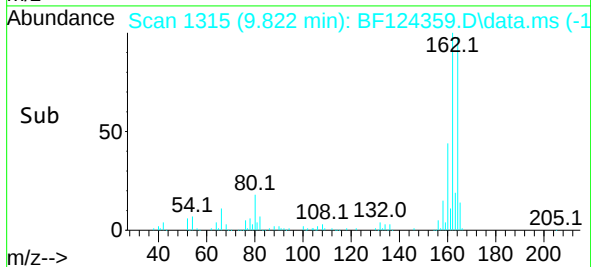
Tgt Ion:163 Resp: 14934
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 527.0 8.2 12.2#

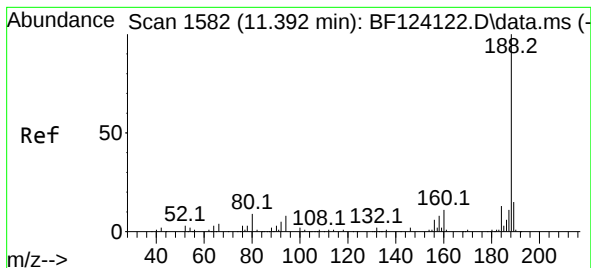


#57
2,4-Dinitrotoluene
Concen: 5.404 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.206 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42



Tgt Ion:165 Resp: 10435
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1568

Delta R.T. -0.006 min

Lab File: BF124359.D

Acq: 17 Jun 2021 12:42

Tgt Ion:188 Resp: 146741

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

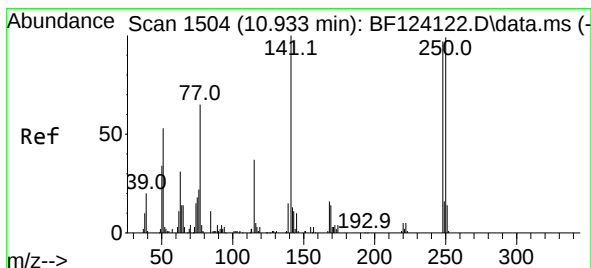
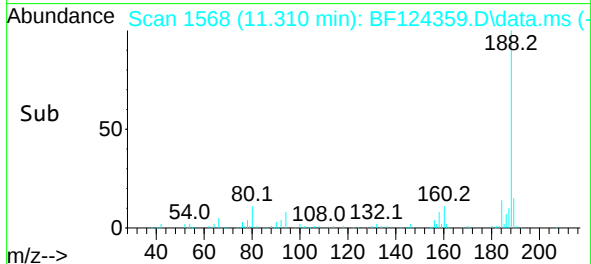
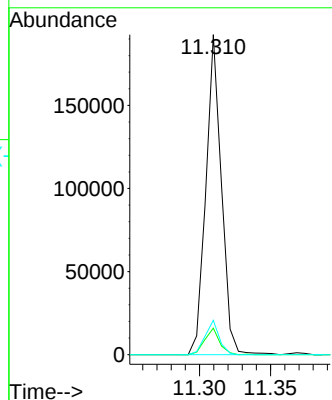
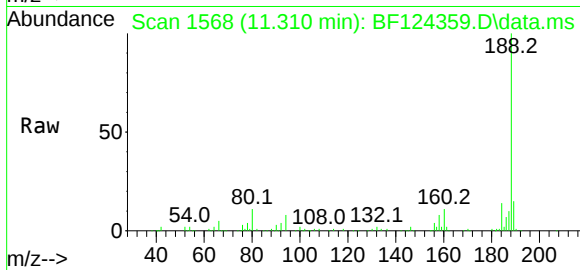
80 10.7 8.2 12.2

Instrument :

BNA_F

ClientSampleId :

SPLP-AMND-COMP-K(CL-16)



#67

4-Bromophenyl-phenylether

Concen: 4.832 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.247 min

Lab File: BF124359.D

Acq: 17 Jun 2021 12:42

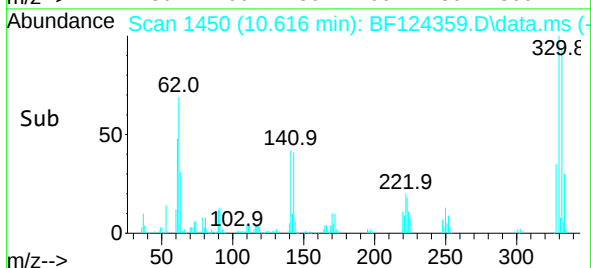
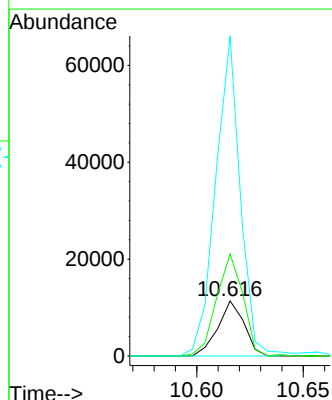
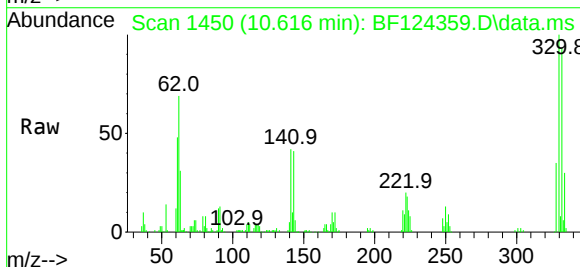
Tgt Ion:248 Resp: 9732

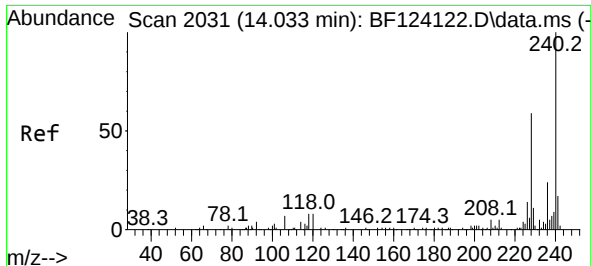
Ion Ratio Lower Upper

248 100

250 185.3 77.4 116.2#

141 581.0 63.7 95.5#

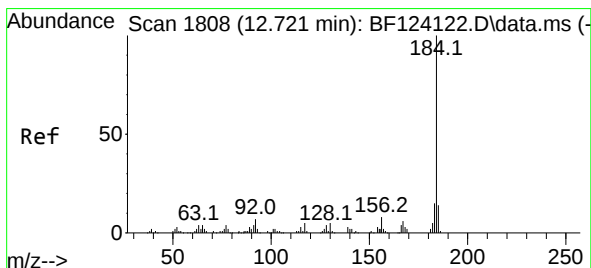
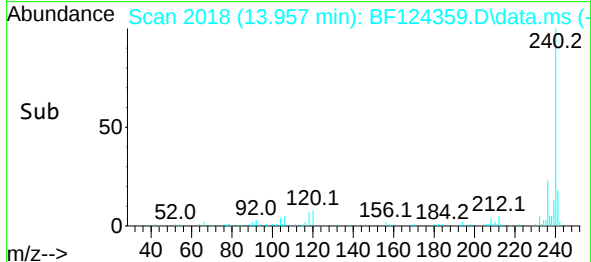
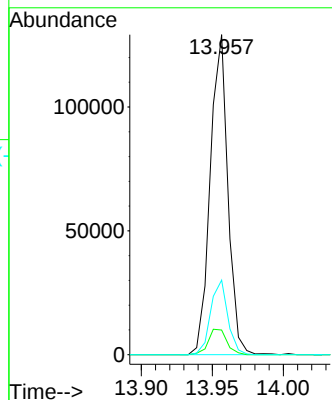
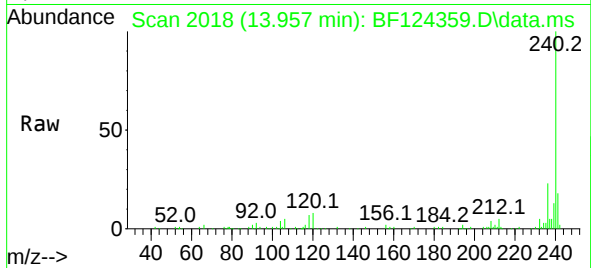




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

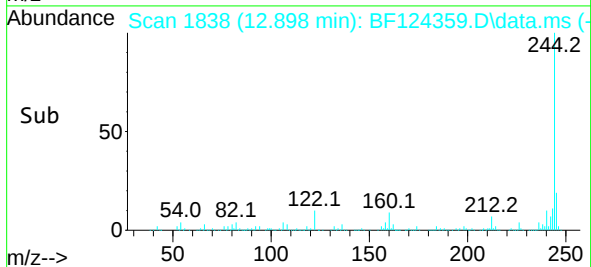
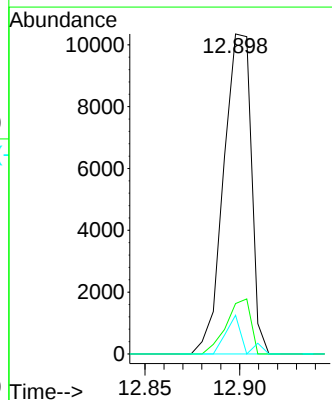
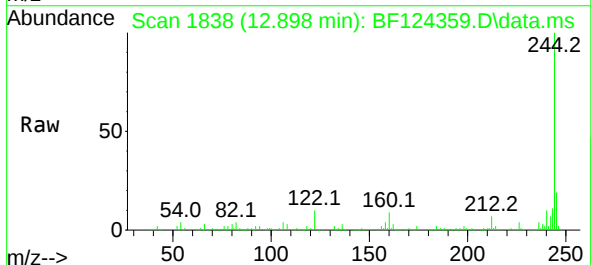
Instrument :
BNA_F
ClientSampleId :
SPLP-AMND-COMP-K(CL-16)

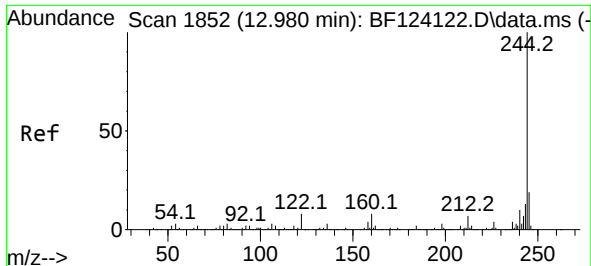
Tgt Ion:240 Resp: 112015
Ion Ratio Lower Upper
240 100
120 7.7 7.2 10.8
236 23.3 19.0 28.4



#77
Benzidine
Concen: 7.744 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.200 min
Lab File: BF124359.D
Acq: 17 Jun 2021 12:42

Tgt Ion:184 Resp: 10504
Ion Ratio Lower Upper
184 100
185 15.7 12.1 18.1
183 12.1 7.8 11.8#

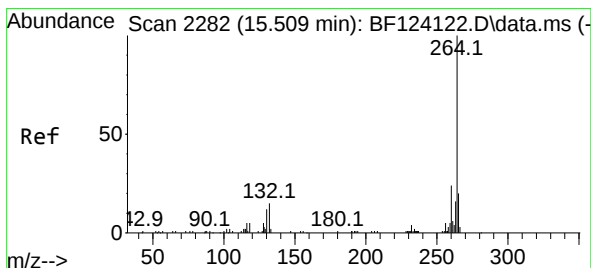
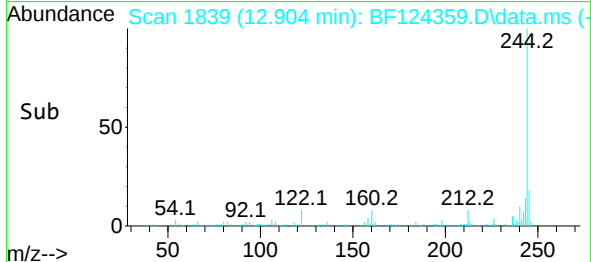
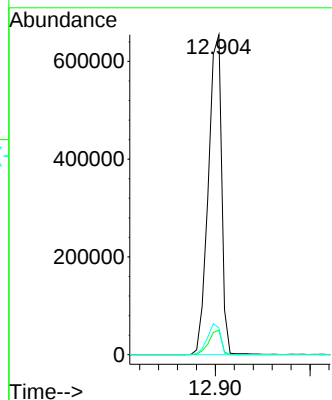
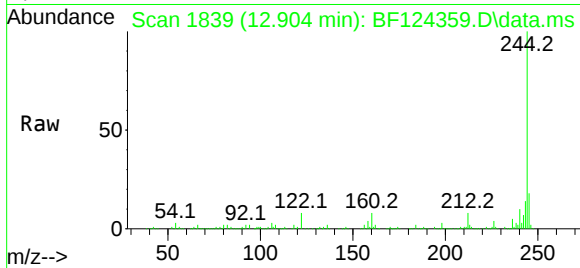




#79
 Terphenyl-d14
 Concen: 77.924 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. 0.000 min
 Lab File: BF124359.D
 Acq: 17 Jun 2021 12:42

Instrument :
 BNA_F
 ClientSampleId :
 SPLP-AMND-COMP-K(CL-16)

Tgt Ion:244 Resp: 635754
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 8.3 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: BF124359.D
 Acq: 17 Jun 2021 12:42

Tgt Ion:264 Resp: 90392
 Ion Ratio Lower Upper
 264 100
 260 21.4 18.7 28.1
 265 22.5 17.8 26.8

