

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125640.D
 Acq On : 25 Sep 2021 1:29
 Operator : JU/CG
 Sample : M3872-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-LPA-01

Quant Time: Sep 25 03:03:05 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

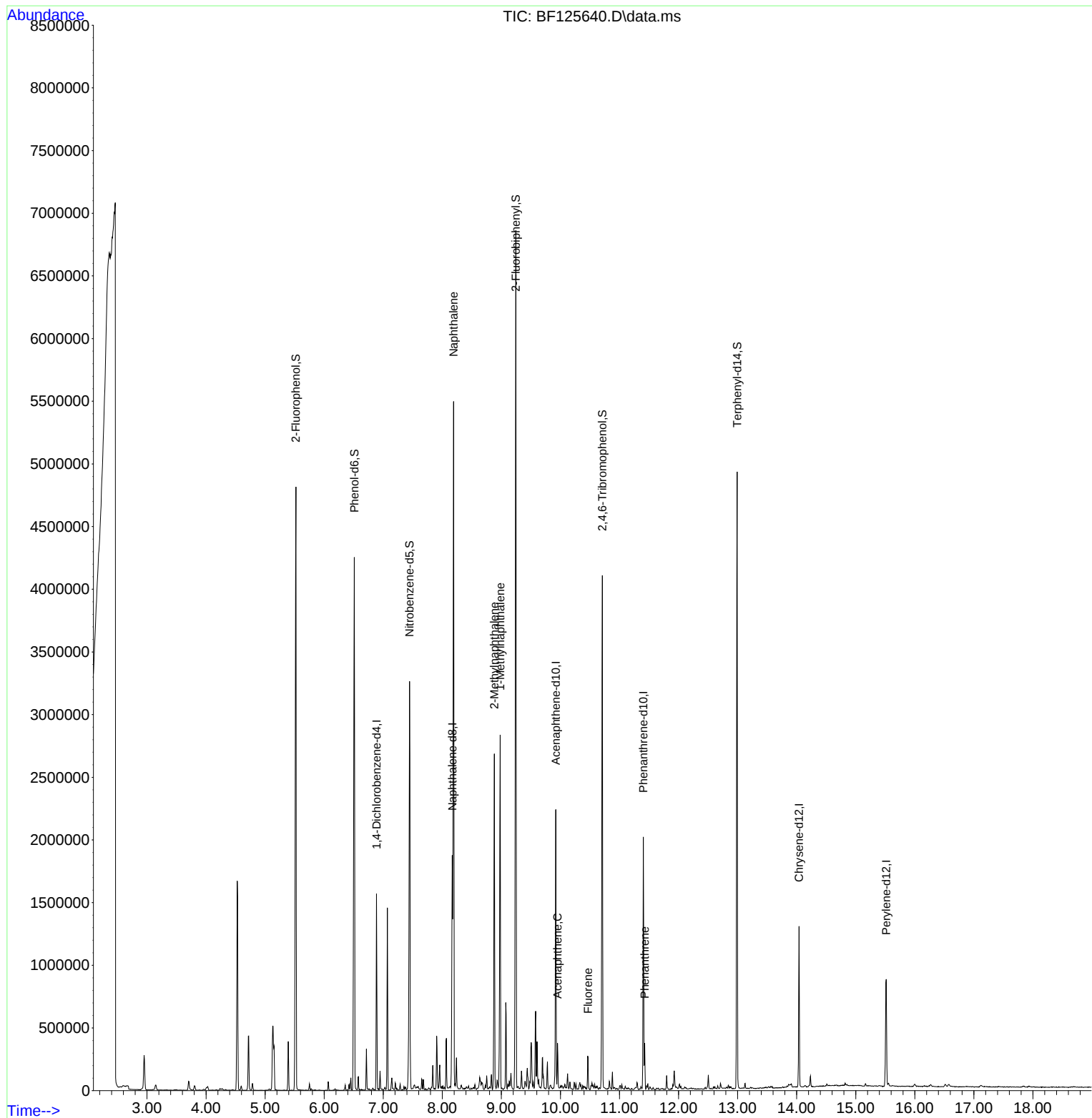
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	215037	20.00	ng	0.00
21) Naphthalene-d8	8.169	136	871538	20.00	ng	# 0.00
39) Acenaphthene-d10	9.922	164	436102	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	682134	20.00	ng	0.00
76) Chrysene-d12	14.039	240	402323	20.00	ng	0.00
86) Perylene-d12	15.515	264	381961	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1573758	120.58	ng	0.02
7) Phenol-d6	6.510	99	1821180	103.79	ng	0.00
23) Nitrobenzene-d5	7.445	82	1222858	97.87	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	551598	135.66	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2288587	96.03	ng	0.00
79) Terphenyl-d14	12.992	244	1630481	70.18	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.192	128	2570949	57.45	ng	98
37) 2-Methylnaphthalene	8.880	142	709808	23.39	ng	98
38) 1-Methylnaphthalene	8.980	142	754241	26.30	ng	99
52) Acenaphthene	9.951	154	66754	2.66	ng	93
58) Fluorene	10.469	166	73106	2.49	ng	99
71) Phenanthrene	11.427	178	117005	3.06	ng	99

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

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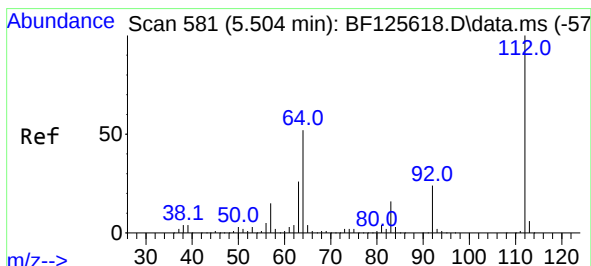
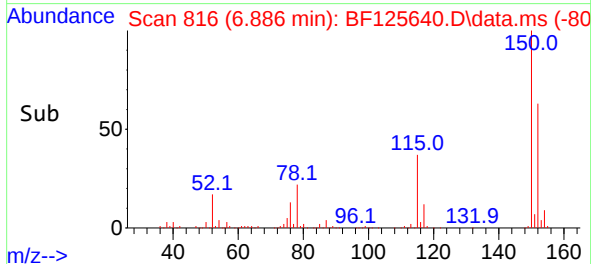
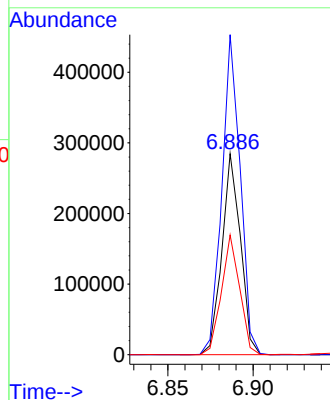
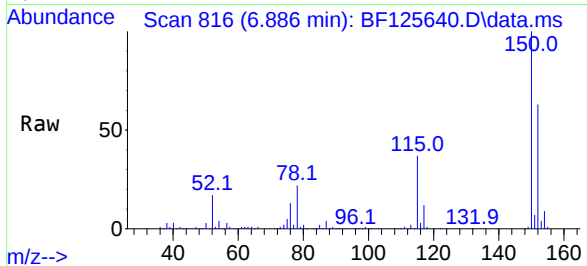




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

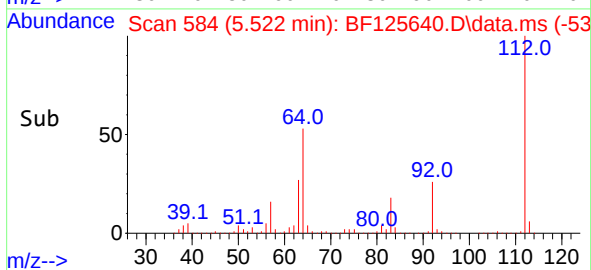
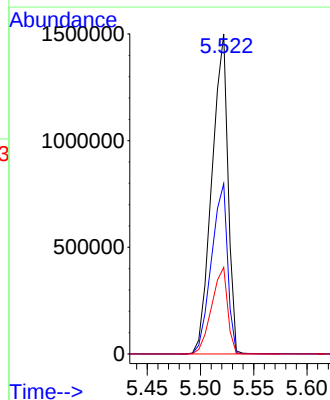
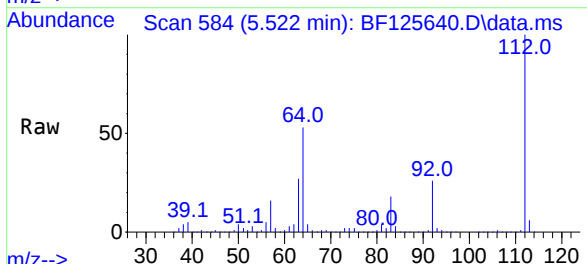
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01

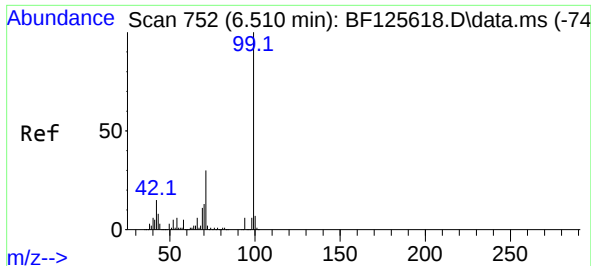
Tgt Ion:152 Resp: 215037
Ion Ratio Lower Upper
152 100
150 159.2 117.6 176.4
115 59.5 47.1 70.7



#5
2-Fluorophenol
Concen: 120.58 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.018 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

Tgt Ion:112 Resp: 1573758
Ion Ratio Lower Upper
112 100
64 53.2 44.2 66.2
63 27.0 26.2 39.2

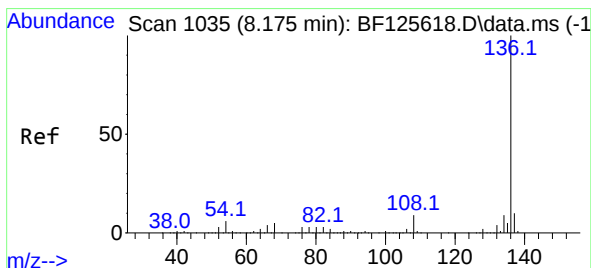
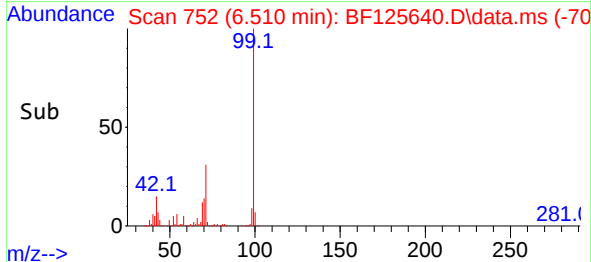
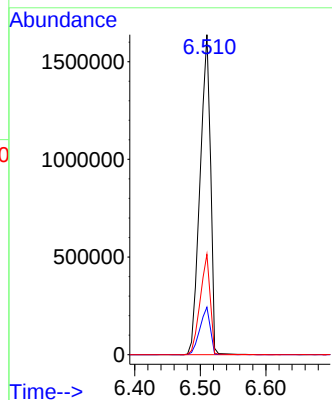
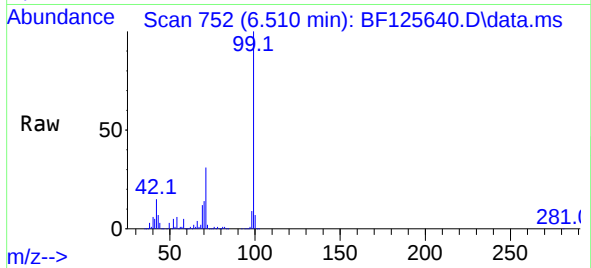




#7
Phenol-d6
Concen: 103.79 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

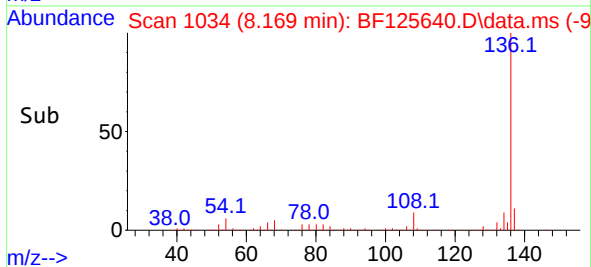
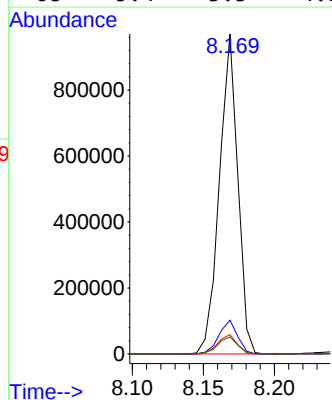
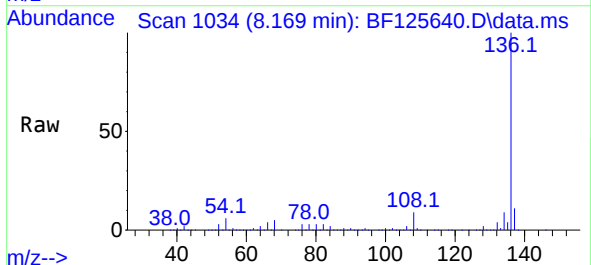
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01

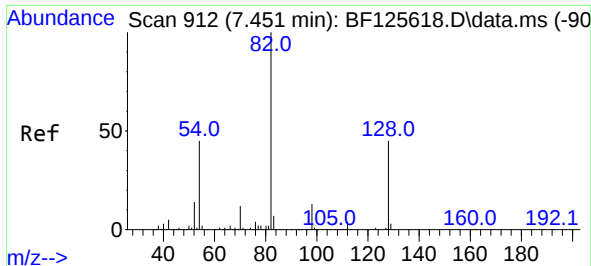
Tgt Ion: 99 Resp: 1821180
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 31.3 25.6 38.4



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

Tgt Ion: 136 Resp: 871538
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 6.1 6.4 9.6#
68 5.4 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 97.87 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125640.D

Acq: 25 Sep 2021 1:29

Instrument :

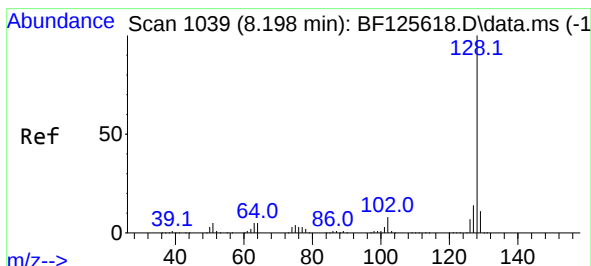
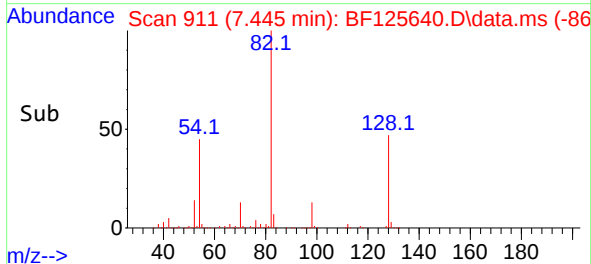
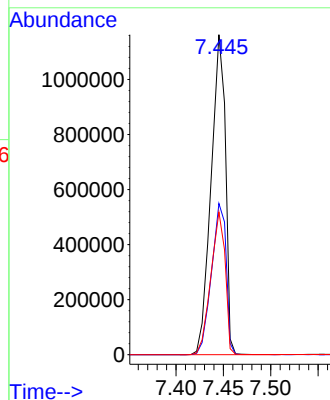
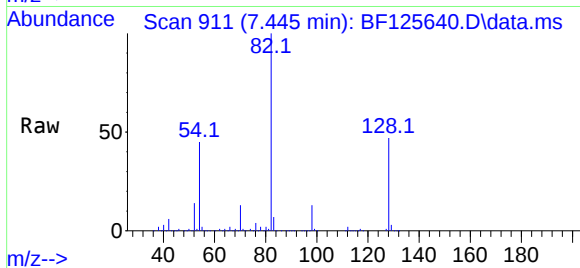
BNA_F

ClientSampleId :

SP-LPA-01

Tgt Ion: 82 Resp: 1222858

Ion	Ratio	Lower	Upper
82	100		
128	47.2	40.6	60.8
54	44.6	49.6	74.4#



#31

Naphthalene

Concen: 57.45 ng

RT: 8.192 min Scan# 1038

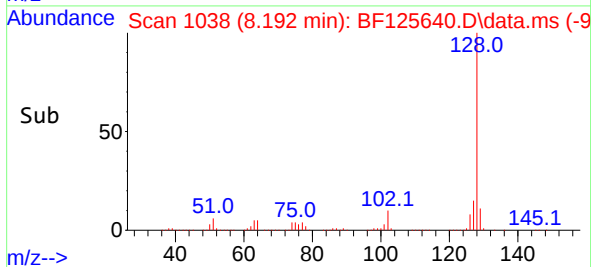
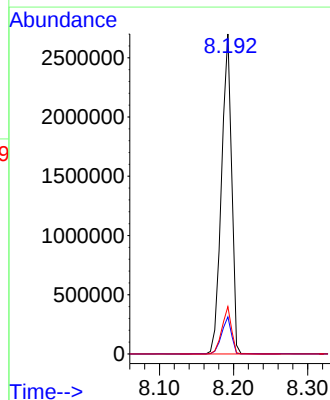
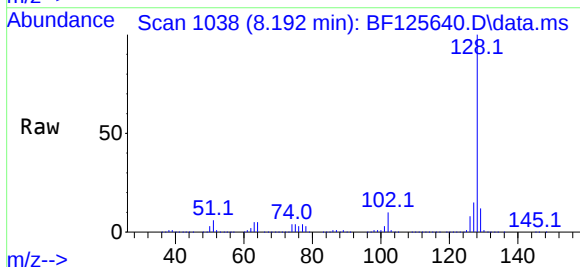
Delta R.T. -0.006 min

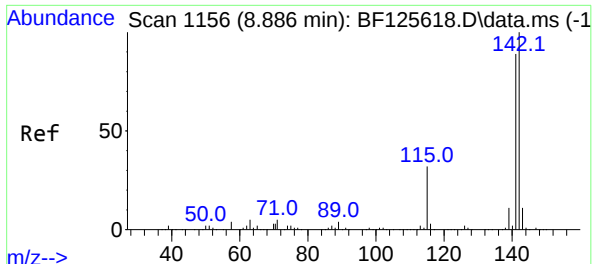
Lab File: BF125640.D

Acq: 25 Sep 2021 1:29

Tgt Ion: 128 Resp: 2570949

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	14.8	10.9	16.3

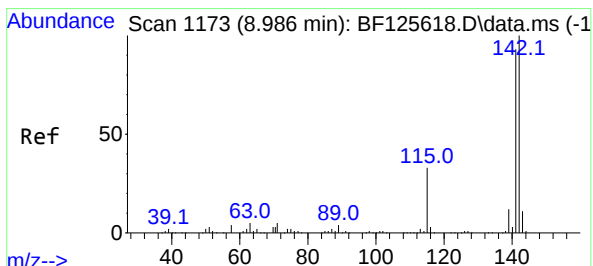
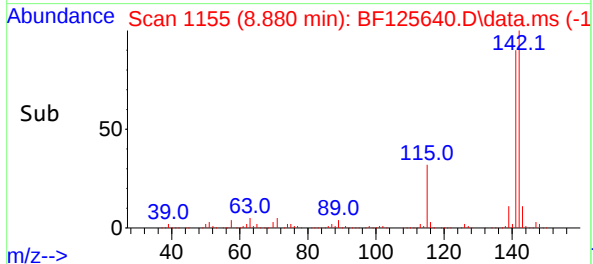
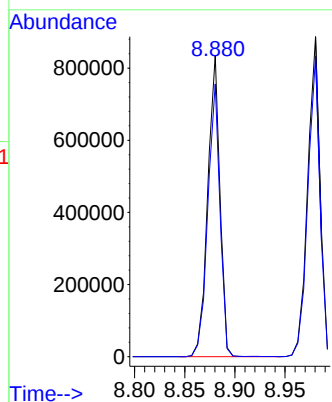
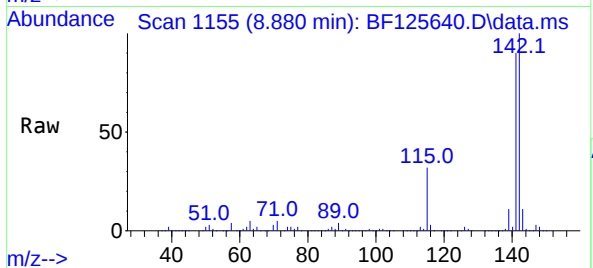




#37
2-Methylnaphthalene
Concen: 23.39 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

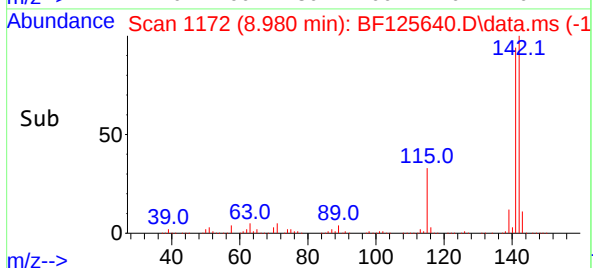
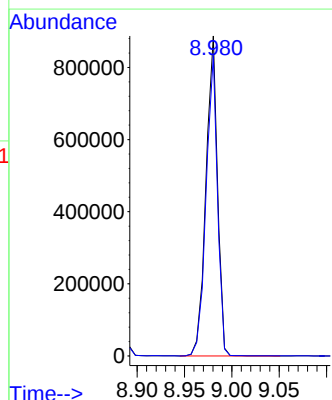
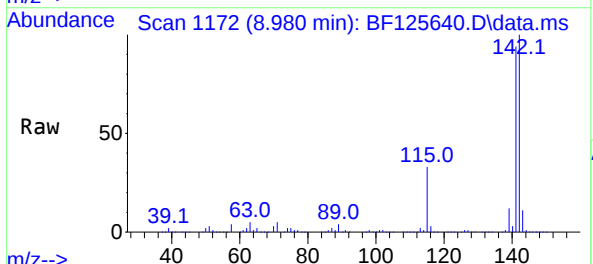
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01

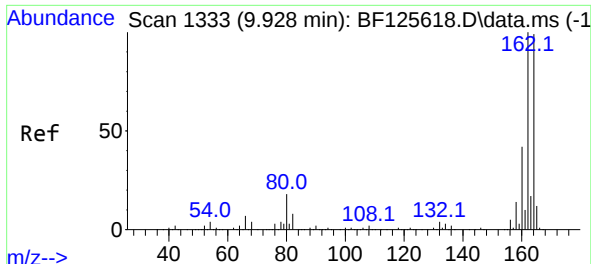
Tgt Ion:142 Resp: 709808
Ion Ratio Lower Upper
142 100
141 90.5 71.2 106.8



#38
1-Methylnaphthalene
Concen: 26.30 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

Tgt Ion:142 Resp: 754241
Ion Ratio Lower Upper
142 100
141 93.8 76.0 114.0

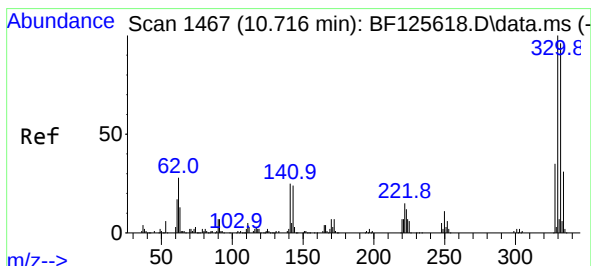
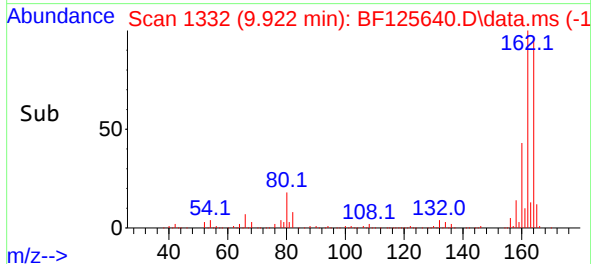
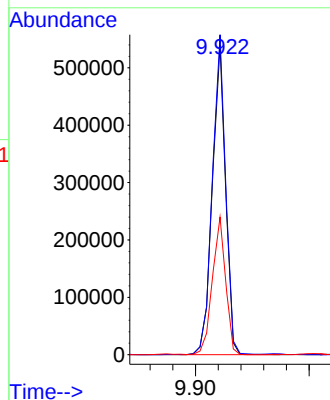
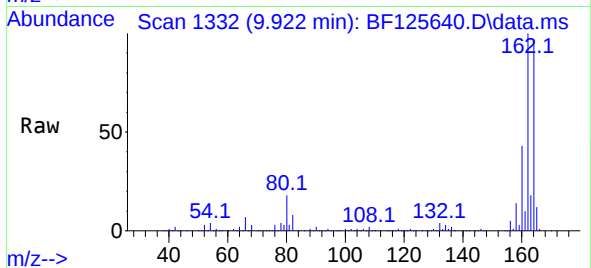




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

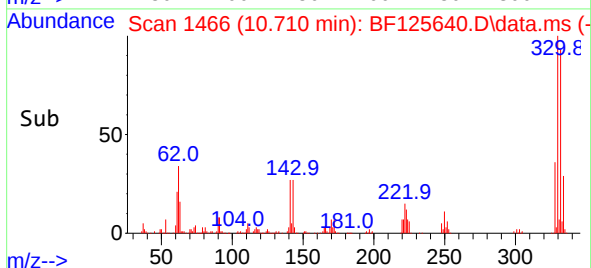
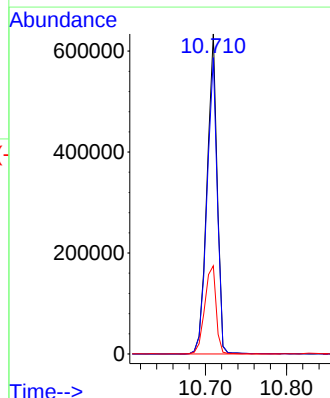
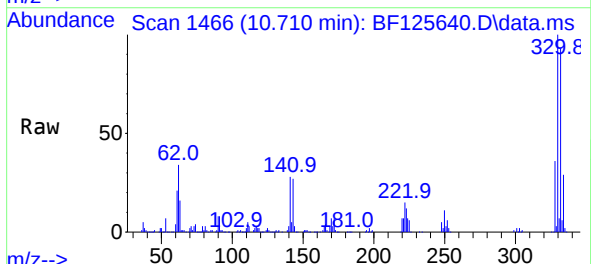
Instrument :
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ClientSampleId :
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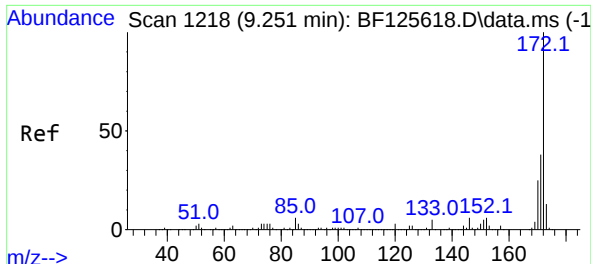
Tgt Ion:164 Resp: 436102
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 44.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 135.66 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

Tgt Ion:330 Resp: 551598
Ion Ratio Lower Upper
330 100
332 94.1 76.2 114.4
141 31.0 44.6 66.8#



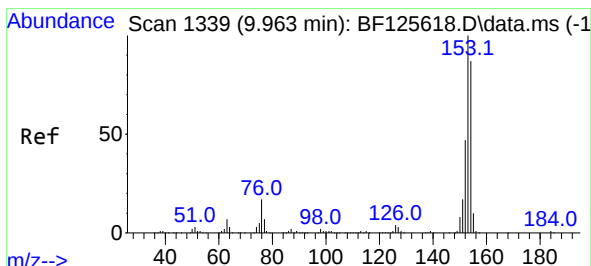
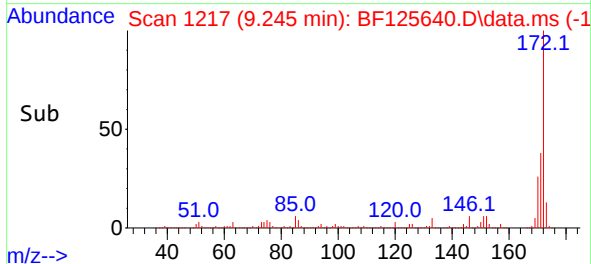
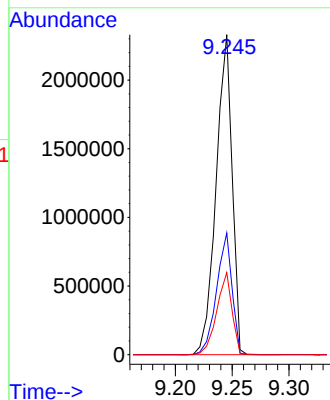
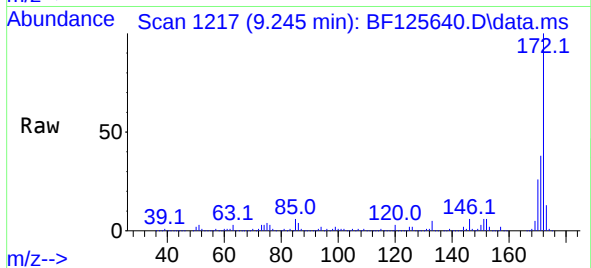


#45
2-Fluorobiphenyl
Concen: 96.03 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01

Tgt Ion:172 Resp: 2288587

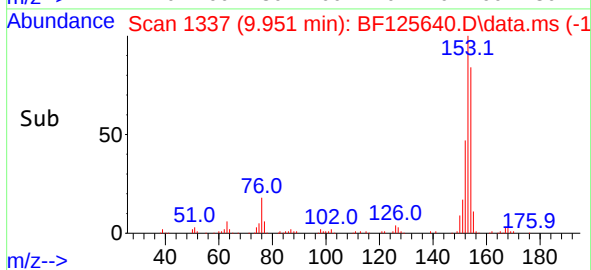
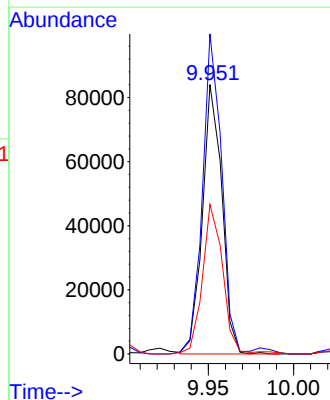
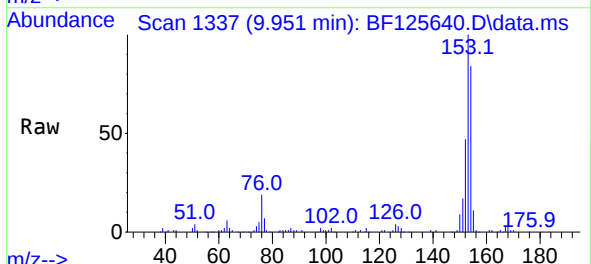
Ion	Ratio	Lower	Upper
172	100		
171	38.0	26.5	39.7
170	25.7	18.8	28.2

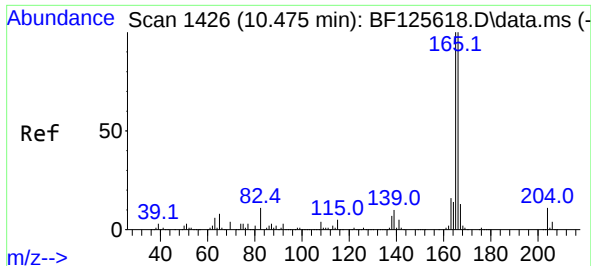


#52
Acenaphthene
Concen: 2.66 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

Tgt Ion:154 Resp: 66754

Ion	Ratio	Lower	Upper
154	100		
153	118.8	89.4	134.2
152	55.5	40.5	60.7

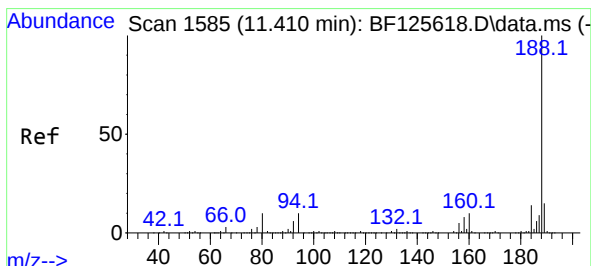
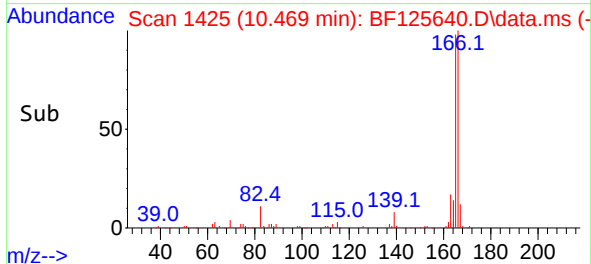
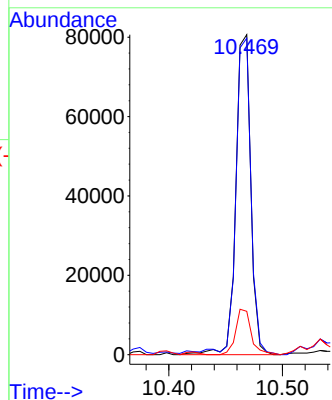
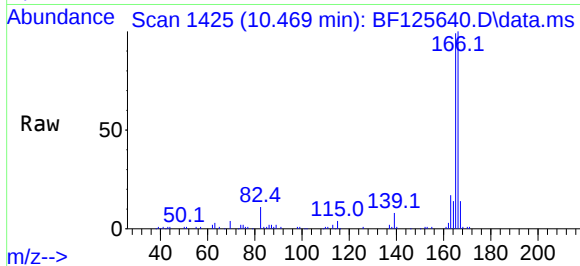




#58
Fluorene
Concen: 2.49 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

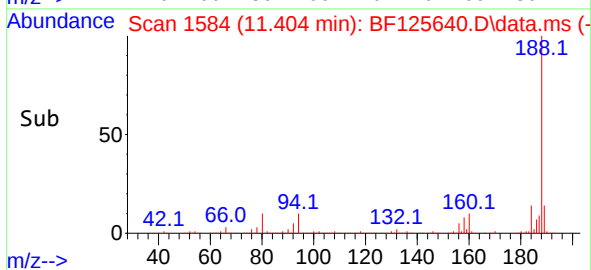
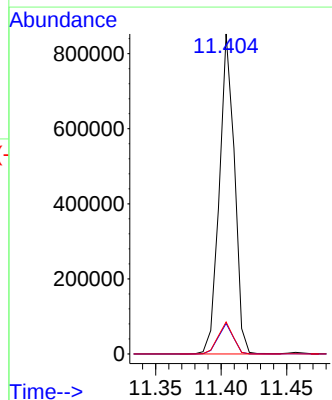
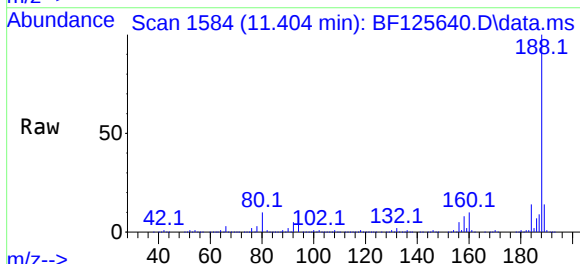
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01

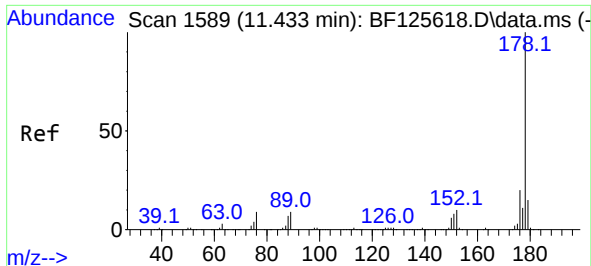
Tgt Ion:166 Resp: 73106
Ion Ratio Lower Upper
166 100
165 98.9 78.1 117.1
167 13.6 11.1 16.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

Tgt Ion:188 Resp: 682134
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 10.0 7.5 11.3

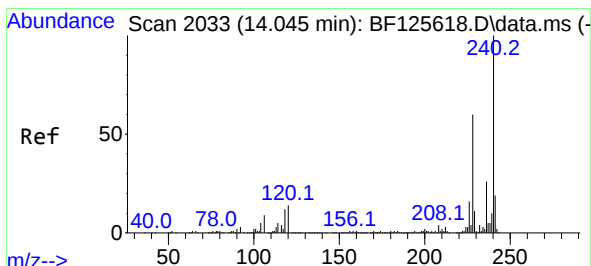
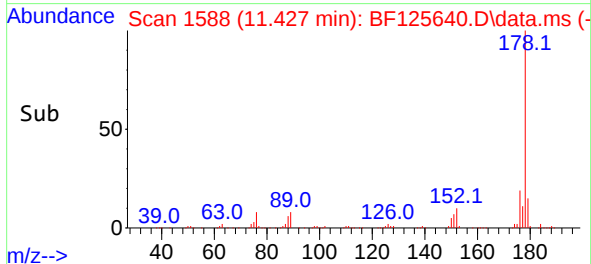
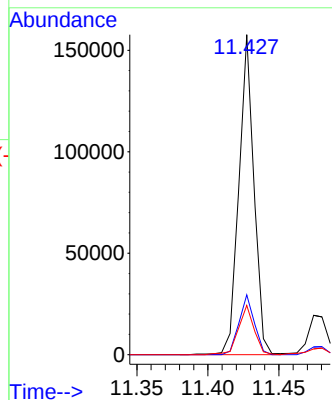
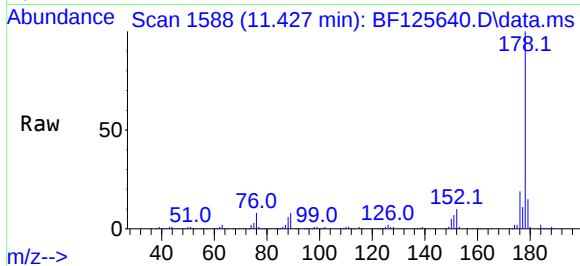




#71
Phenanthrene
Concen: 3.06 ng
RT: 11.427 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

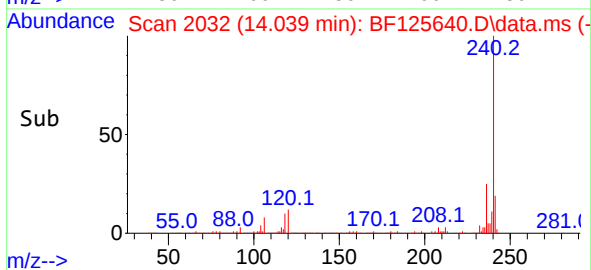
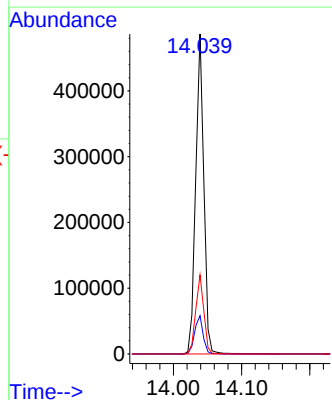
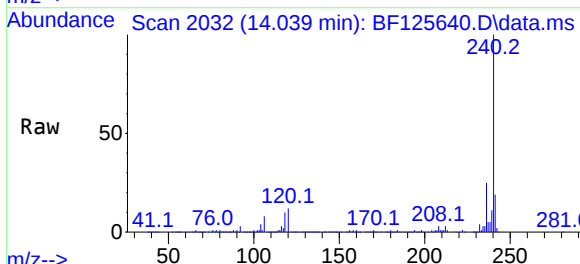
Instrument :
BNA_F
ClientSampleId :
SP-LPA-01

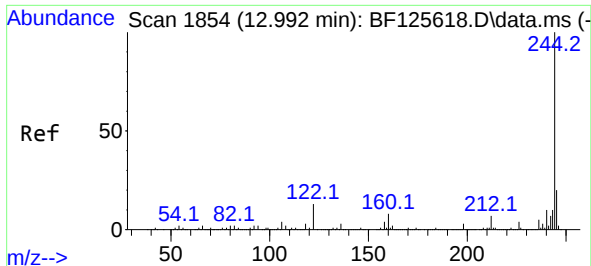
Tgt Ion:178 Resp: 117005
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.4 11.5 17.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

Tgt Ion:240 Resp: 402323
Ion Ratio Lower Upper
240 100
120 11.9 10.8 16.2
236 24.7 21.6 32.4

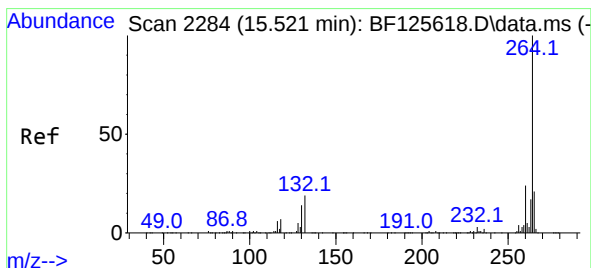
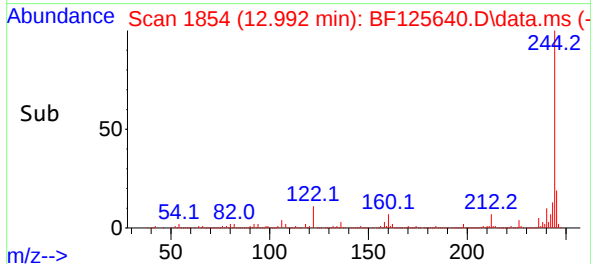
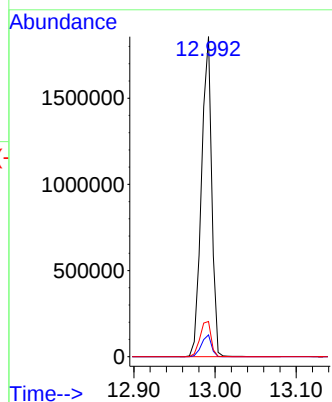
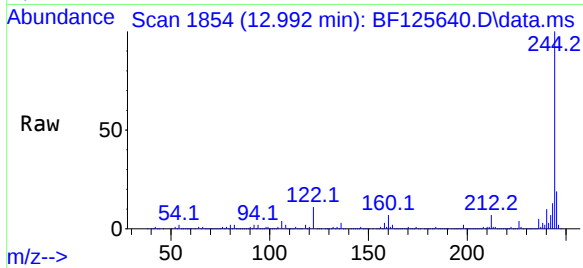




#79
Terphenyl-d14
Concen: 70.18 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

Instrument :
BNA_F
ClientSampleId :
SP-LPA-01

Tgt Ion:244 Resp: 1630481
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 11.0 9.0 13.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125640.D
Acq: 25 Sep 2021 1:29

Tgt Ion:264 Resp: 381961
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 21.3 17.2 25.8

