

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062222\
 Data File : BF128940.D
 Acq On : 22 Jun 2022 19:21
 Operator : CG\JU
 Sample : N3426-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B2201-27.5

Quant Time: Jun 23 01:31:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

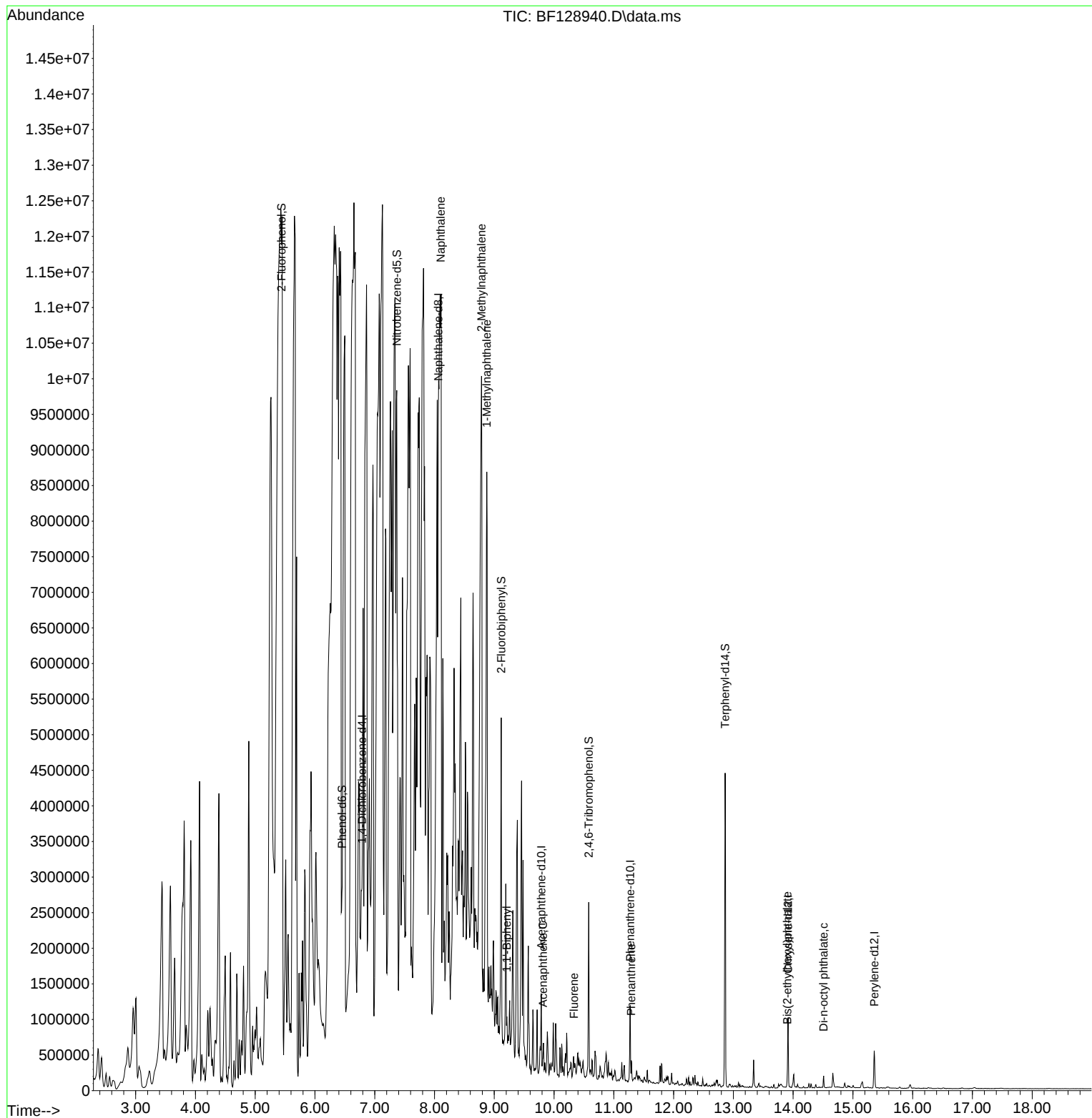
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89640	20.000	ng	0.03
21) Naphthalene-d8	8.063	136	271313	20.000	ng	# 0.02
39) Acenaphthene-d10	9.786	164	215960	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	407764	20.000	ng	# 0.00
76) Chrysene-d12	13.916	240	310939	20.000	ng	#-0.01
86) Perylene-d12	15.357	264	229312	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	254158	45.162	ng	0.05
7) Phenol-d6	6.451	99	974317	141.830	ng	0.04
23) Nitrobenzene-d5	7.369	82	646326	110.913	ng	0.04
42) 2,4,6-Tribromophenol	10.581	330	281354	110.262	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1335585	86.631	ng	0.00
79) Terphenyl-d14	12.863	244	1664438	93.015	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.104	128	7660168	550.143	ng	# 94
37) 2-Methylnaphthalene	8.787	142	6139759	693.256	ng	99
38) 1-Methylnaphthalene	8.875	142	3113799	363.902	ng	98
46) 1,1'-Biphenyl	9.210	154	124496	7.683	ng	98
52) Acenaphthene	9.816	154	26732	2.169	ng	# 83
58) Fluorene	10.333	166	50469	3.673	ng	# 95
71) Phenanthrene	11.292	178	112217	5.487	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	43473	3.442	ng	# 56
85) Di-n-octyl phthalate	14.510	149	67489	3.548	ng	# 98

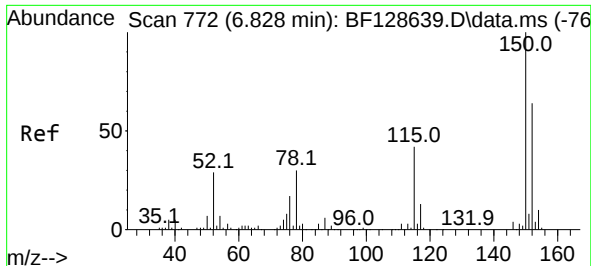
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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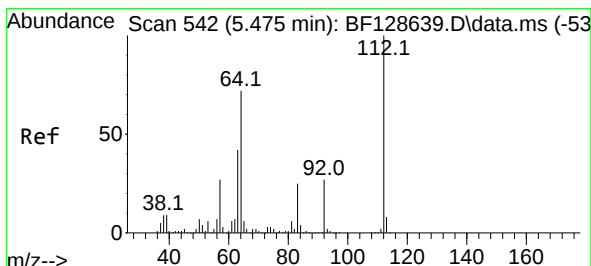
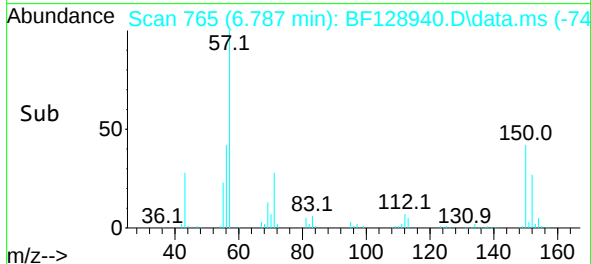
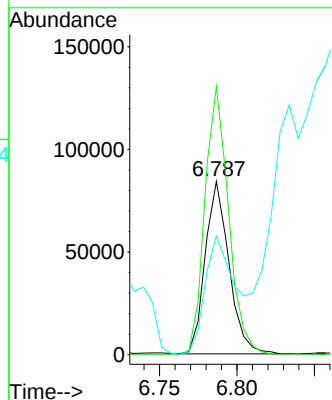
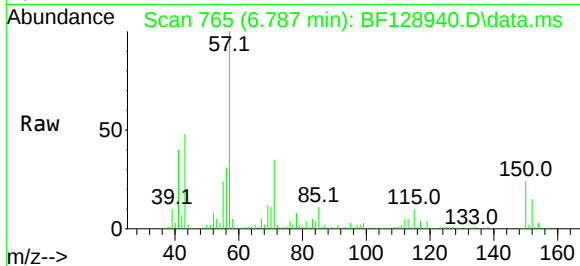




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 70
Delta R.T. 0.030 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21

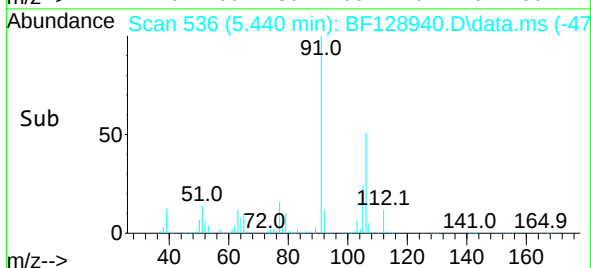
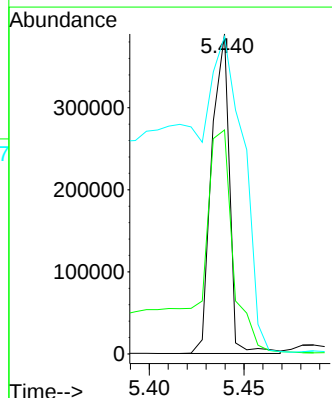
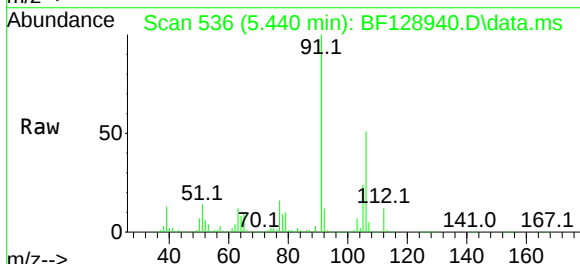
Instrument :
BNA_F
ClientSampleId :
B2201-27.5

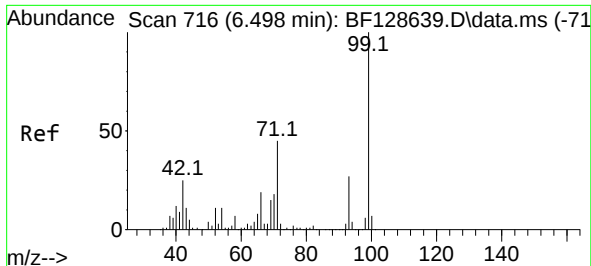
Tgt Ion:152 Resp: 89640
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 68.4 49.9 74.9



#5
2-Fluorophenol
Concen: 45.162 ng
RT: 5.440 min Scan# 536
Delta R.T. 0.053 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21

Tgt Ion:112 Resp: 254158
Ion Ratio Lower Upper
112 100
64 70.0 53.3 79.9
63 99.2 28.0 42.0#

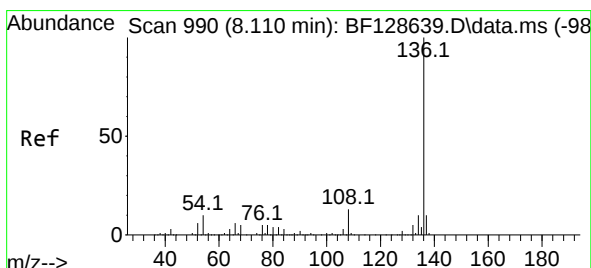
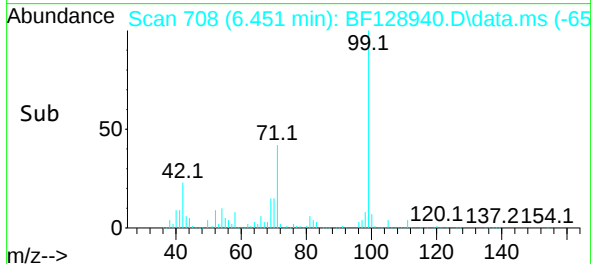
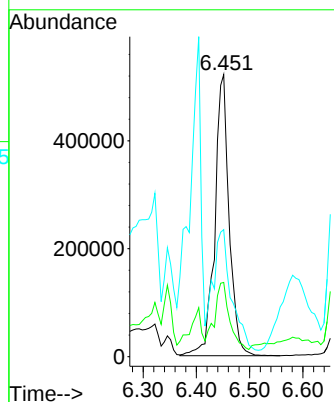
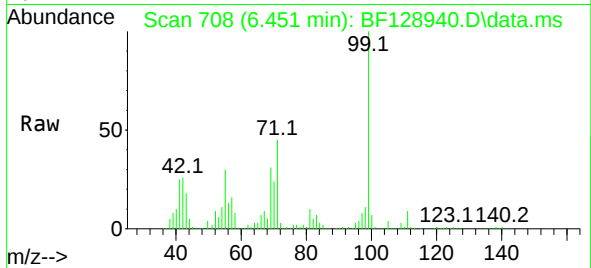




#7
Phenol-d6
Concen: 141.830 ng
RT: 6.451 min Scan# 70
Delta R.T. 0.035 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21

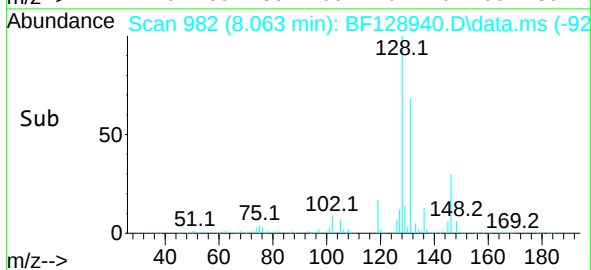
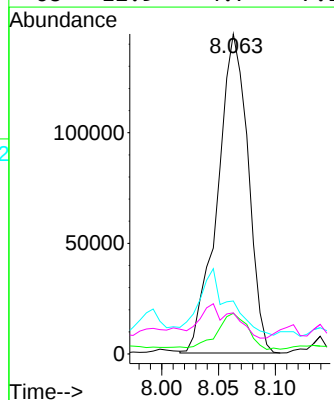
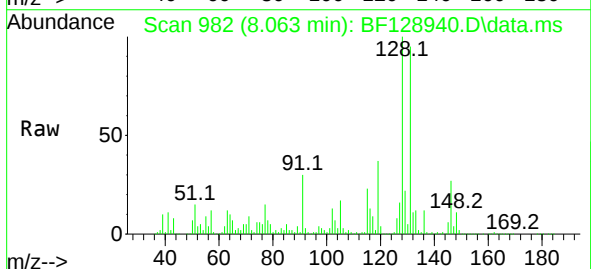
Instrument :
BNA_F
ClientSampleId :
B2201-27.5

Tgt Ion: 99 Resp: 974317
Ion Ratio Lower Upper
99 100
42 26.3 17.3 25.9#
71 45.0 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. 0.024 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21

Tgt Ion: 136 Resp: 271313
Ion Ratio Lower Upper
136 100
137 12.7 8.8 13.2
54 16.5 7.5 11.3#
68 12.9 4.7 7.1#

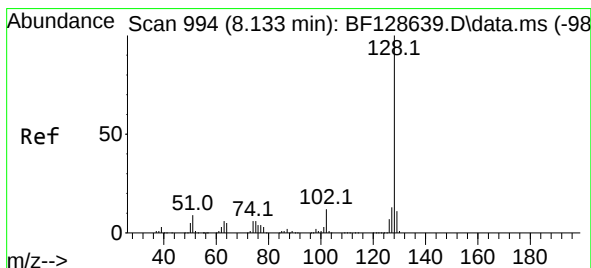
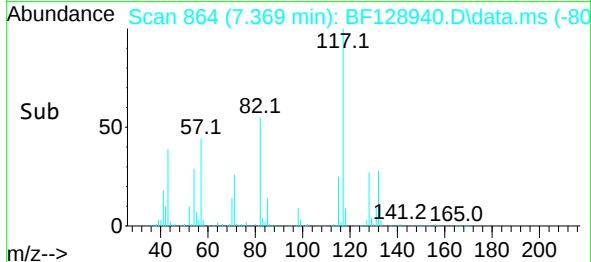
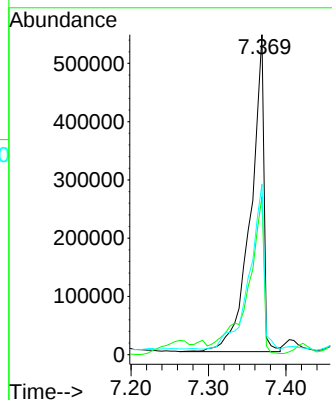
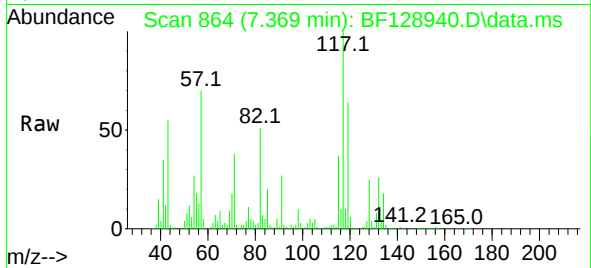




#23
Nitrobenzene-d5
Concen: 110.913 ng
RT: 7.369 min Scan# 80
Delta R.T. 0.041 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21

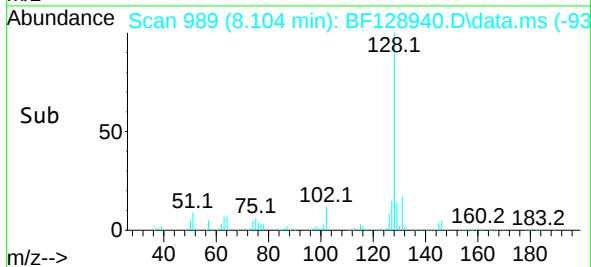
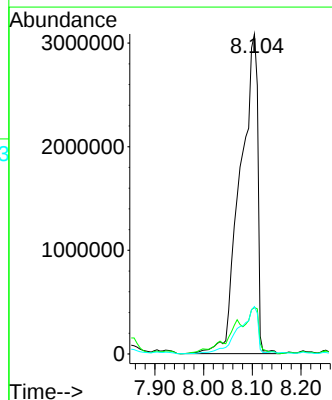
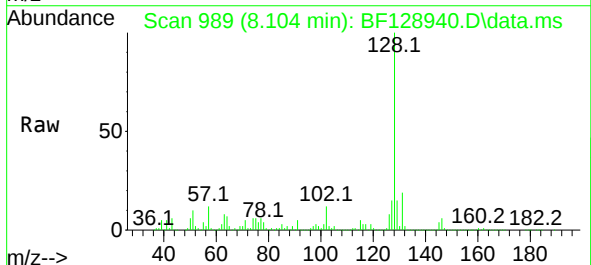
Instrument :
BNA_F
ClientSampleId :
B2201-27.5

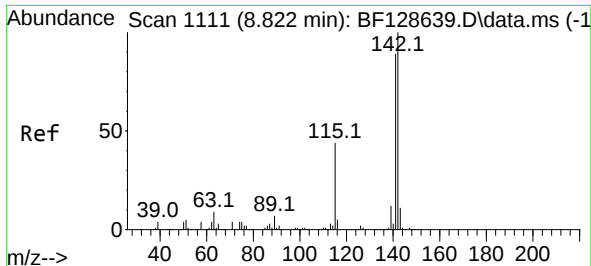
Tgt Ion: 82 Resp: 646326
Ion Ratio Lower Upper
82 100
128 49.5 34.0 51.0
54 53.3 46.9 70.3



#31
Naphthalene
Concen: 550.143 ng
RT: 8.104 min Scan# 989
Delta R.T. 0.041 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21

Tgt Ion: 128 Resp: 7660168
Ion Ratio Lower Upper
128 100
129 14.5 9.2 13.8#
127 14.8 10.5 15.7





#37

2-Methylnaphthalene

Concen: 693.256 ng

RT: 8.787 min Scan# 1111

Delta R.T. 0.035 min

Lab File: BF128940.D

Acq: 22 Jun 2022 19:21

Instrument :

BNA_F

ClientSampleId :

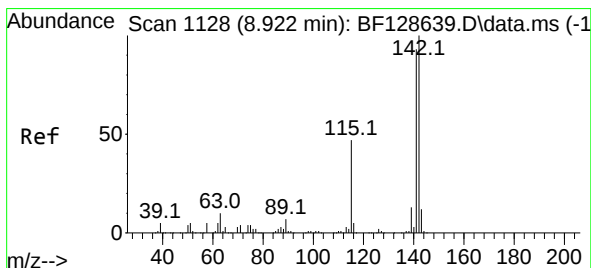
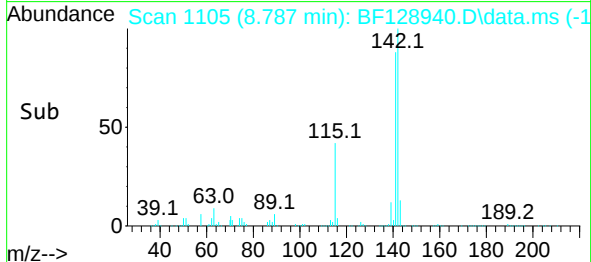
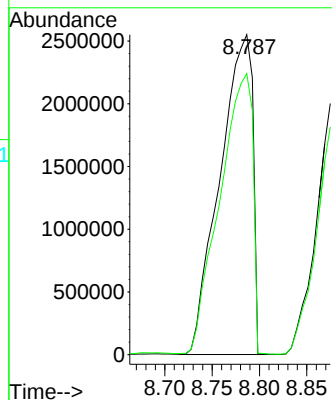
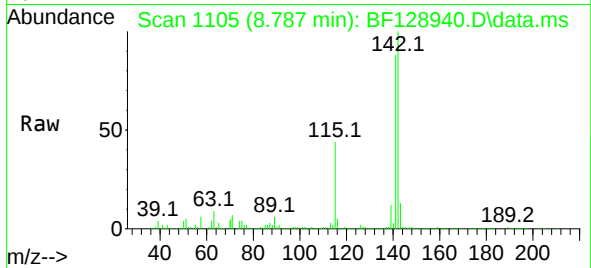
B2201-27.5

Tgt Ion:142 Resp: 6139759

Ion Ratio Lower Upper

142 100

141 87.9 71.0 106.4



#38

1-Methylnaphthalene

Concen: 363.902 ng

RT: 8.875 min Scan# 1120

Delta R.T. 0.024 min

Lab File: BF128940.D

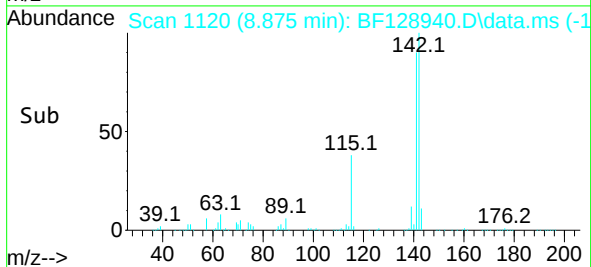
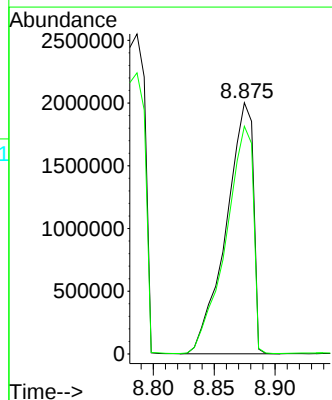
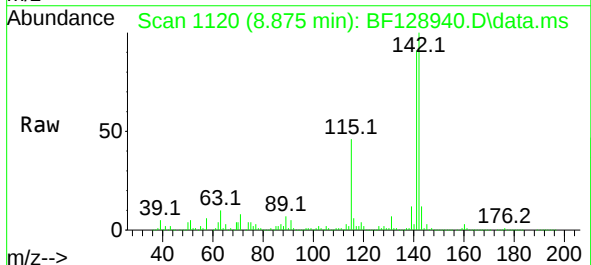
Acq: 22 Jun 2022 19:21

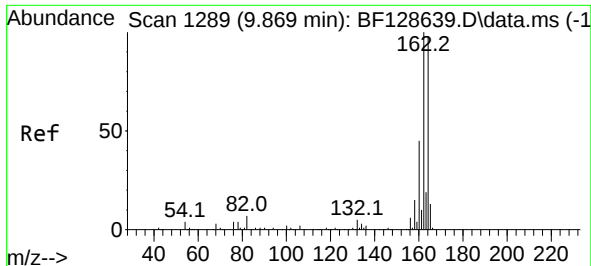
Tgt Ion:142 Resp: 3113799

Ion Ratio Lower Upper

142 100

141 90.6 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128940.D

Acq: 22 Jun 2022 19:21

Instrument :

BNA_F

ClientSampleId :

B2201-27.5

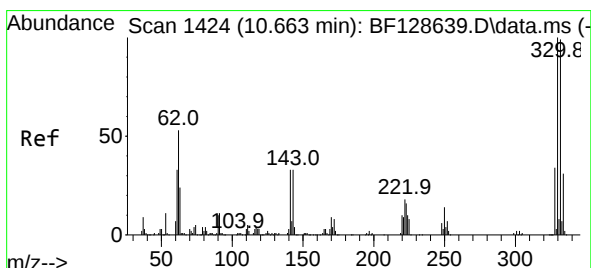
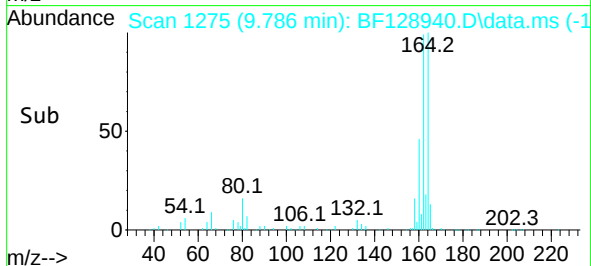
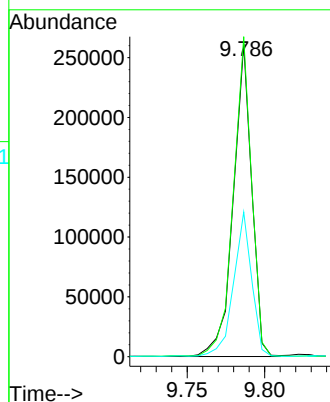
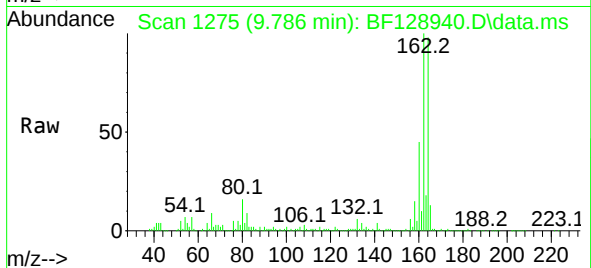
Tgt Ion:164 Resp: 215960

Ion Ratio Lower Upper

164 100

162 102.4 79.5 119.3

160 46.3 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 110.262 ng

RT: 10.581 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BF128940.D

Acq: 22 Jun 2022 19:21

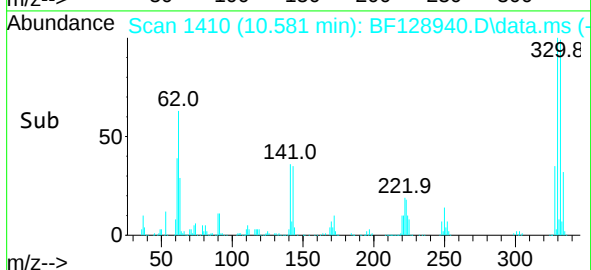
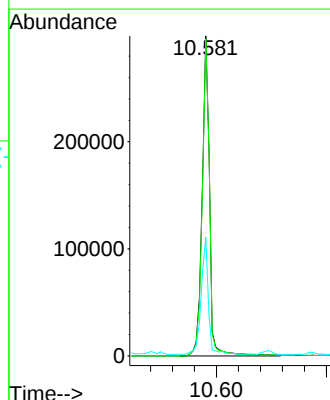
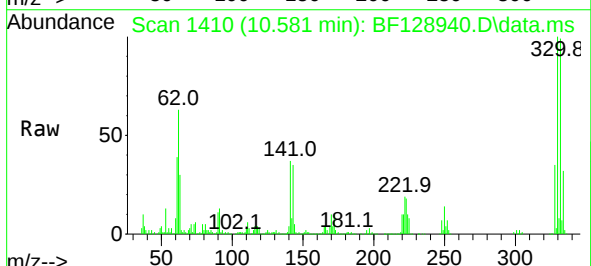
Tgt Ion:330 Resp: 281354

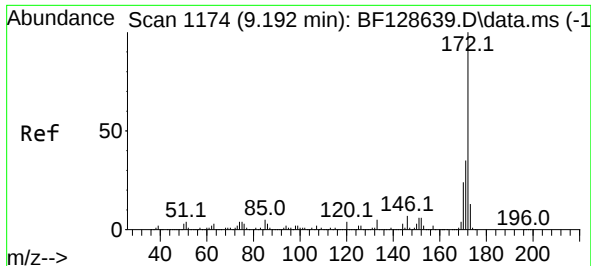
Ion Ratio Lower Upper

330 100

332 97.1 76.8 115.2

141 36.2 28.0 42.0

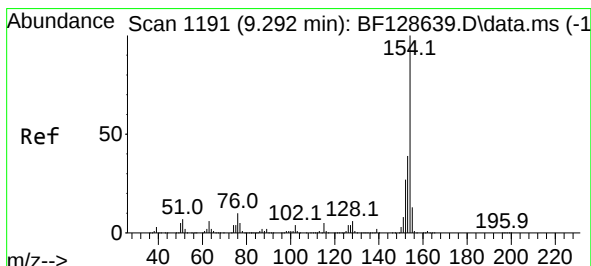
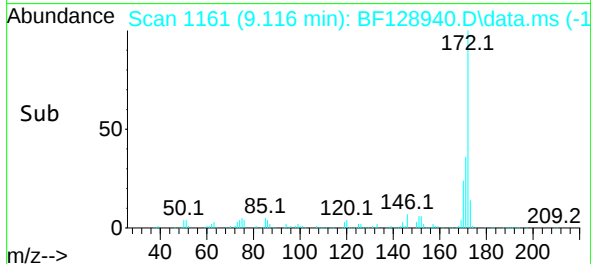
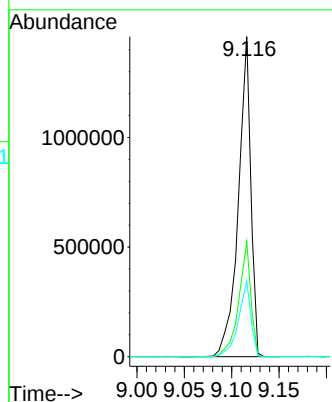
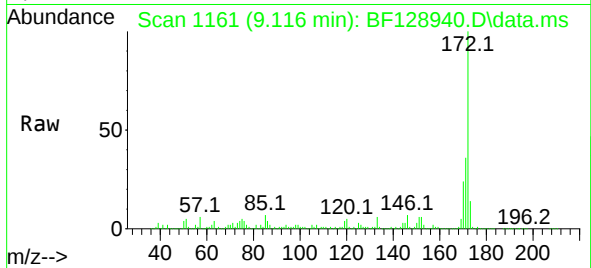




#45
2-Fluorobiphenyl
Concen: 86.631 ng
RT: 9.116 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21

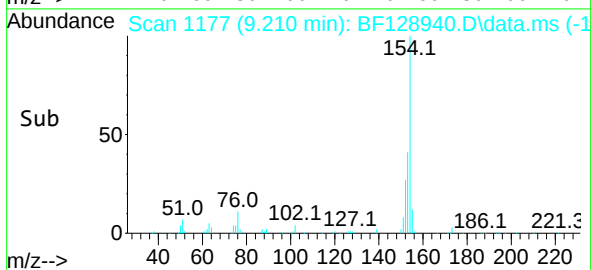
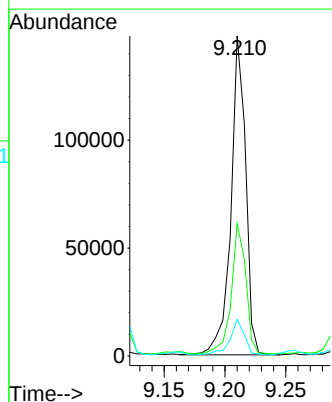
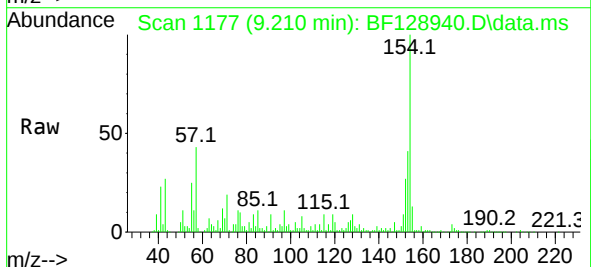
Instrument :
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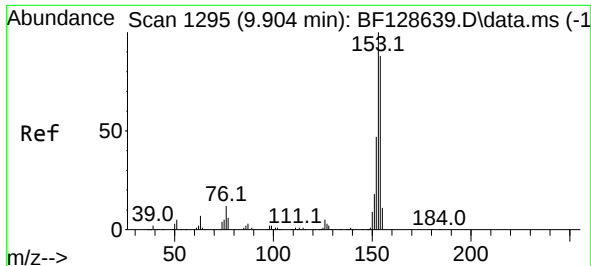
Tgt Ion:172 Resp: 1335585
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.7 19.8 29.8



#46
1,1'-Biphenyl
Concen: 7.683 ng
RT: 9.210 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21

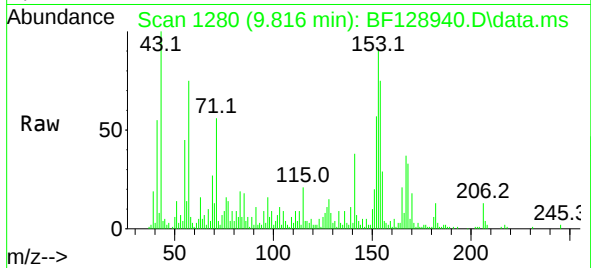
Tgt Ion:154 Resp: 124496
Ion Ratio Lower Upper
154 100
153 41.3 20.6 60.6
76 11.4 0.0 33.3



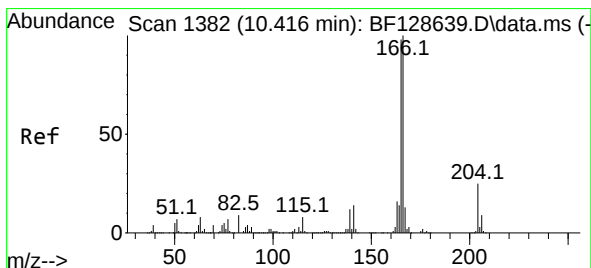
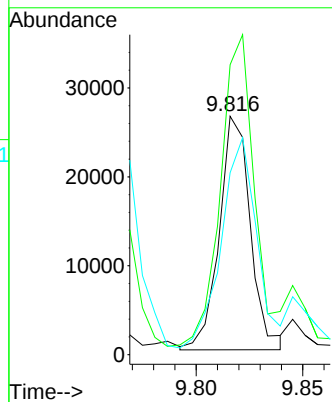
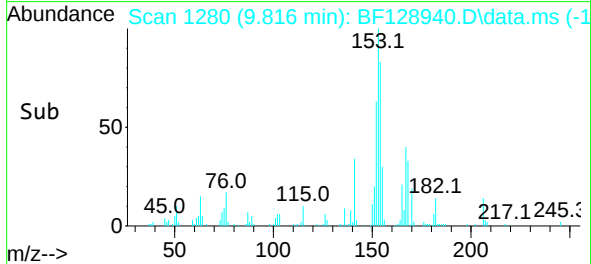


#52
Acenaphthene
Concen: 2.169 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21

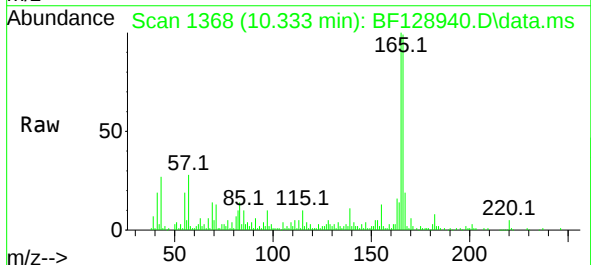
Instrument :
BNA_F
ClientSampleId :
B2201-27.5



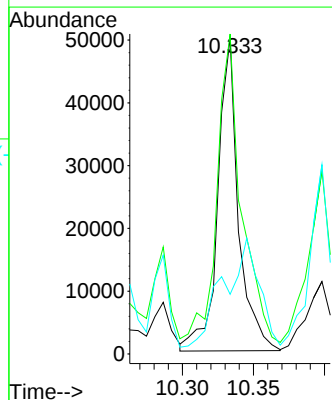
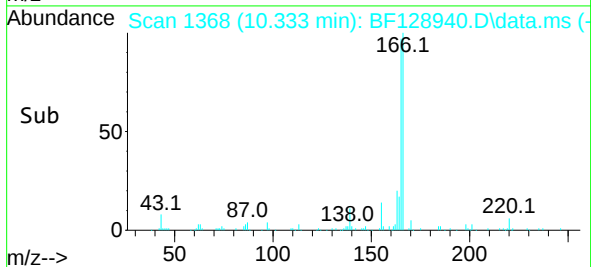
Tgt Ion:154 Resp: 26732
Ion Ratio Lower Upper
154 100
153 121.7 89.6 134.4
152 76.3 42.4 63.6#

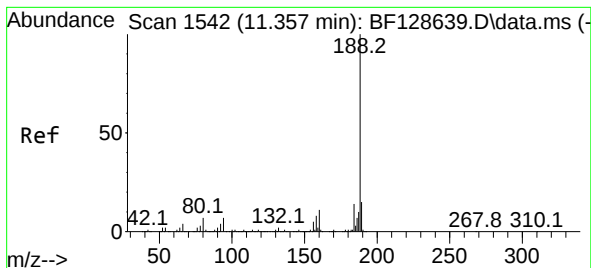


#58
Fluorene
Concen: 3.673 ng
RT: 10.333 min Scan# 1368
Delta R.T. -0.012 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21



Tgt Ion:166 Resp: 50469
Ion Ratio Lower Upper
166 100
165 101.1 78.1 117.1
167 18.9 10.5 15.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.275 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128940.D

Acq: 22 Jun 2022 19:21

Instrument :

BNA_F

ClientSampleId :

B2201-27.5

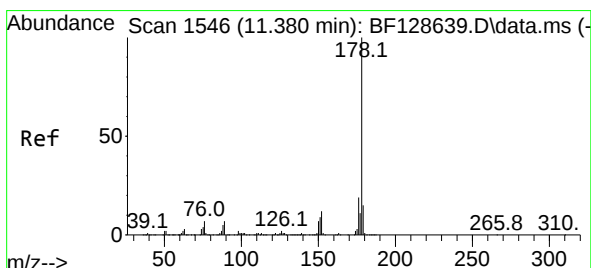
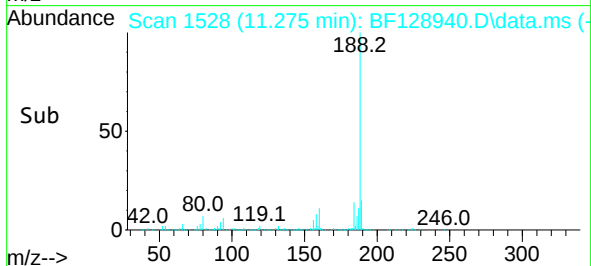
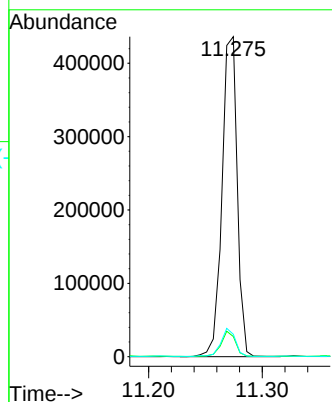
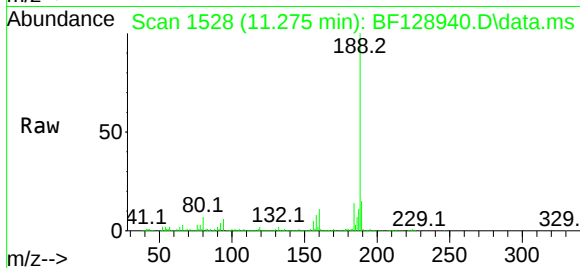
Tgt Ion:188 Resp: 407764

Ion Ratio Lower Upper

188 100

94 6.3 7.0 10.6#

80 7.0 7.6 11.4#



#71

Phenanthrene

Concen: 5.487 ng

RT: 11.292 min Scan# 1531

Delta R.T. -0.018 min

Lab File: BF128940.D

Acq: 22 Jun 2022 19:21

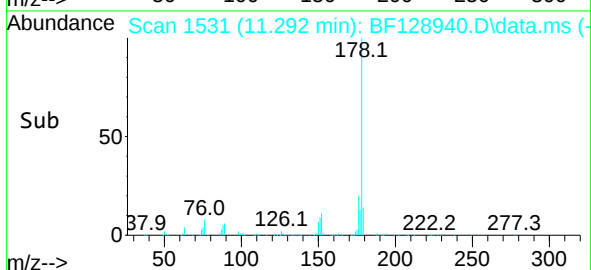
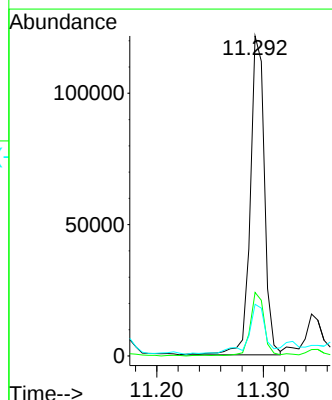
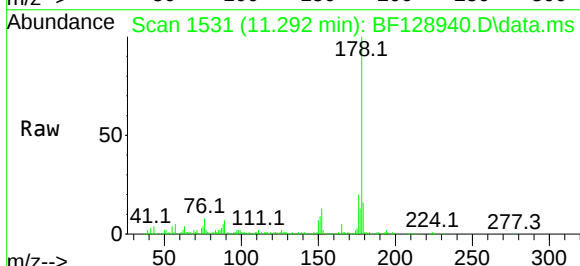
Tgt Ion:178 Resp: 112217

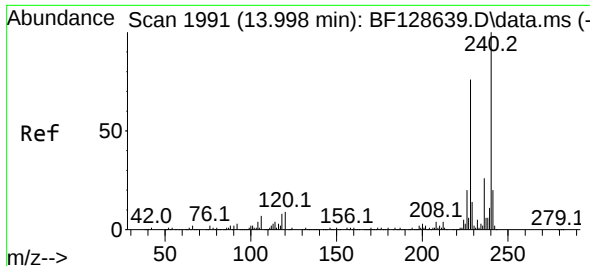
Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

179 16.2 12.6 19.0

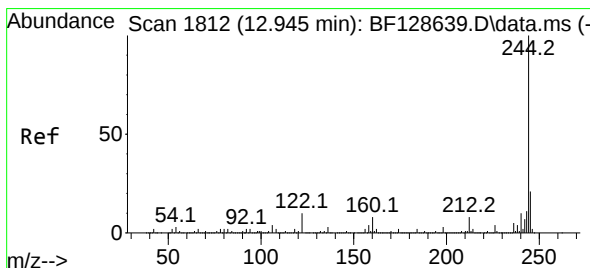
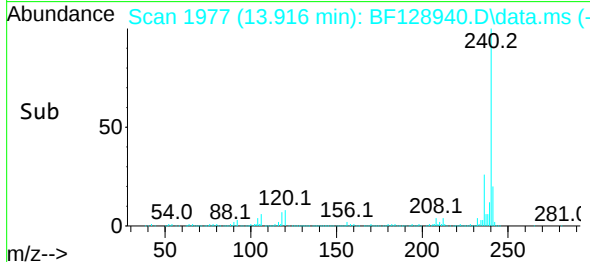
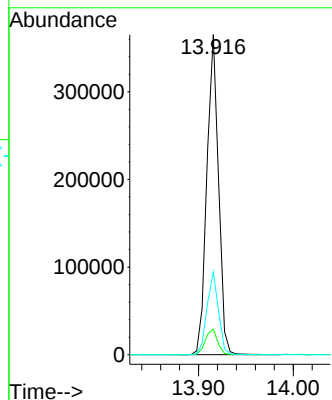
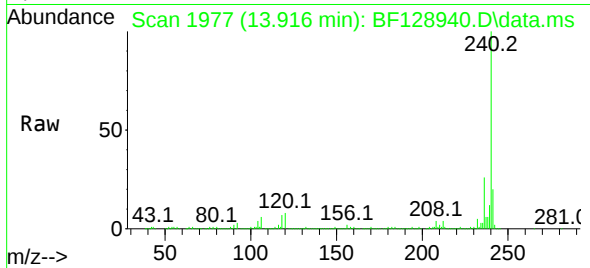




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21

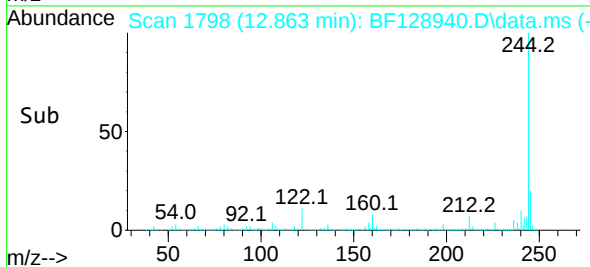
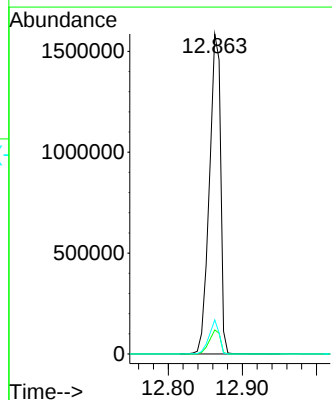
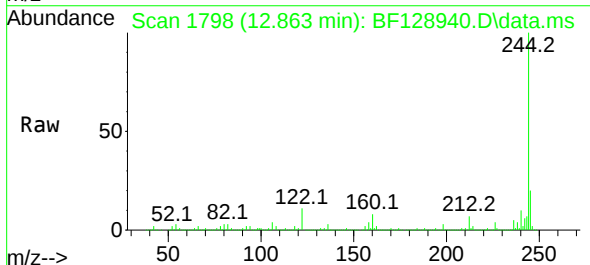
Instrument :
BNA_F
ClientSampleId :
B2201-27.5

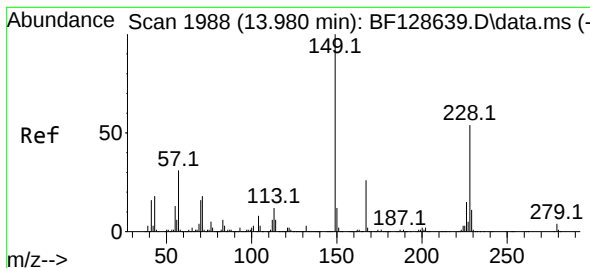
Tgt Ion:240 Resp: 310939
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 93.015 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF128940.D
Acq: 22 Jun 2022 19:21

Tgt Ion:244 Resp: 1664438
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 10.7 8.8 13.2

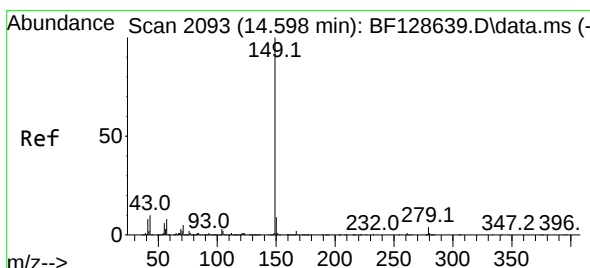
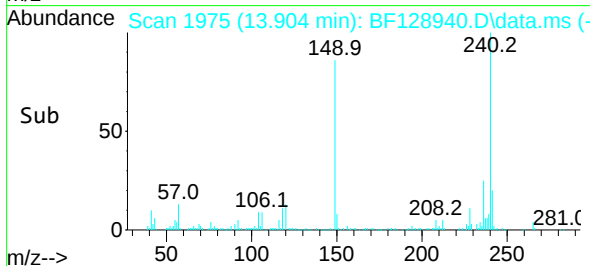
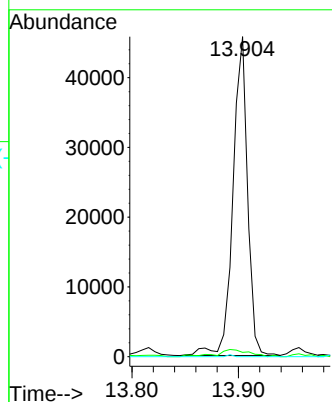
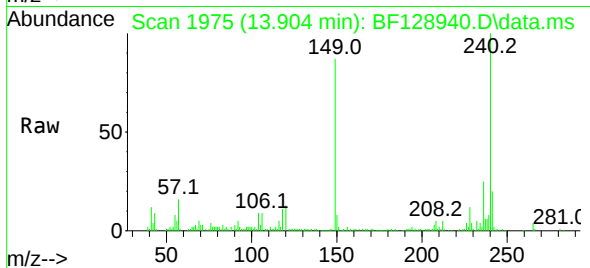




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.442 ng
 RT: 13.904 min Scan# 1988
 Delta R.T. 0.006 min
 Lab File: BF128940.D
 Acq: 22 Jun 2022 19:21

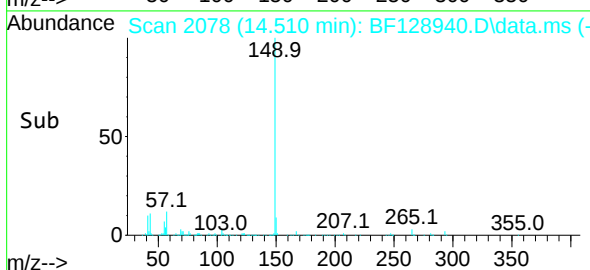
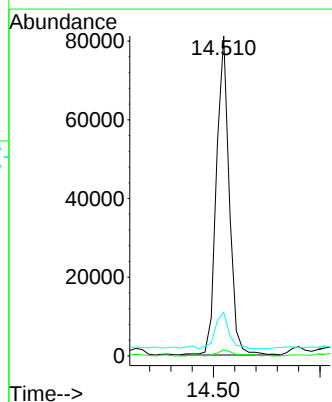
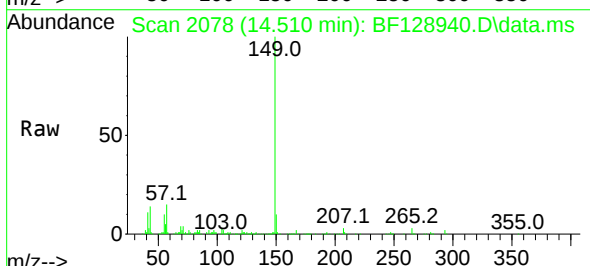
Instrument :
 BNA_F
 ClientSampleId :
 B2201-27.5

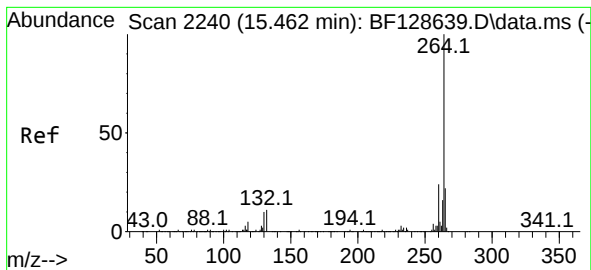
Tgt Ion:149 Resp: 43473
 Ion Ratio Lower Upper
 149 100
 167 1.4 21.0 31.4#
 279 0.0 3.1 4.7#



#85
 Di-n-octyl phthalate
 Concen: 3.548 ng
 RT: 14.510 min Scan# 2078
 Delta R.T. 0.000 min
 Lab File: BF128940.D
 Acq: 22 Jun 2022 19:21

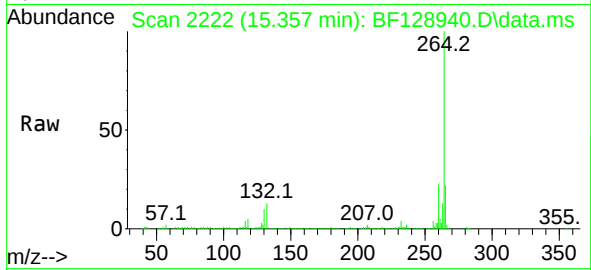
Tgt Ion:149 Resp: 67489
 Ion Ratio Lower Upper
 149 100
 167 2.7 1.3 1.9#
 43 12.2 9.2 13.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.357 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF128940.D
 Acq: 22 Jun 2022 19:21

Instrument :
 BNA_F
 ClientSampleId :
 B2201-27.5



Tgt Ion:264 Resp: 229312
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.8 17.2 25.8

