

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124972.D
 Acq On : 7 Aug 2021 13:36
 Operator : JU/CG
 Sample : M3281-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP03

Quant Time: Aug 07 15:38:12 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 06 11:27:24 2021
 Response via : Initial Calibration

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

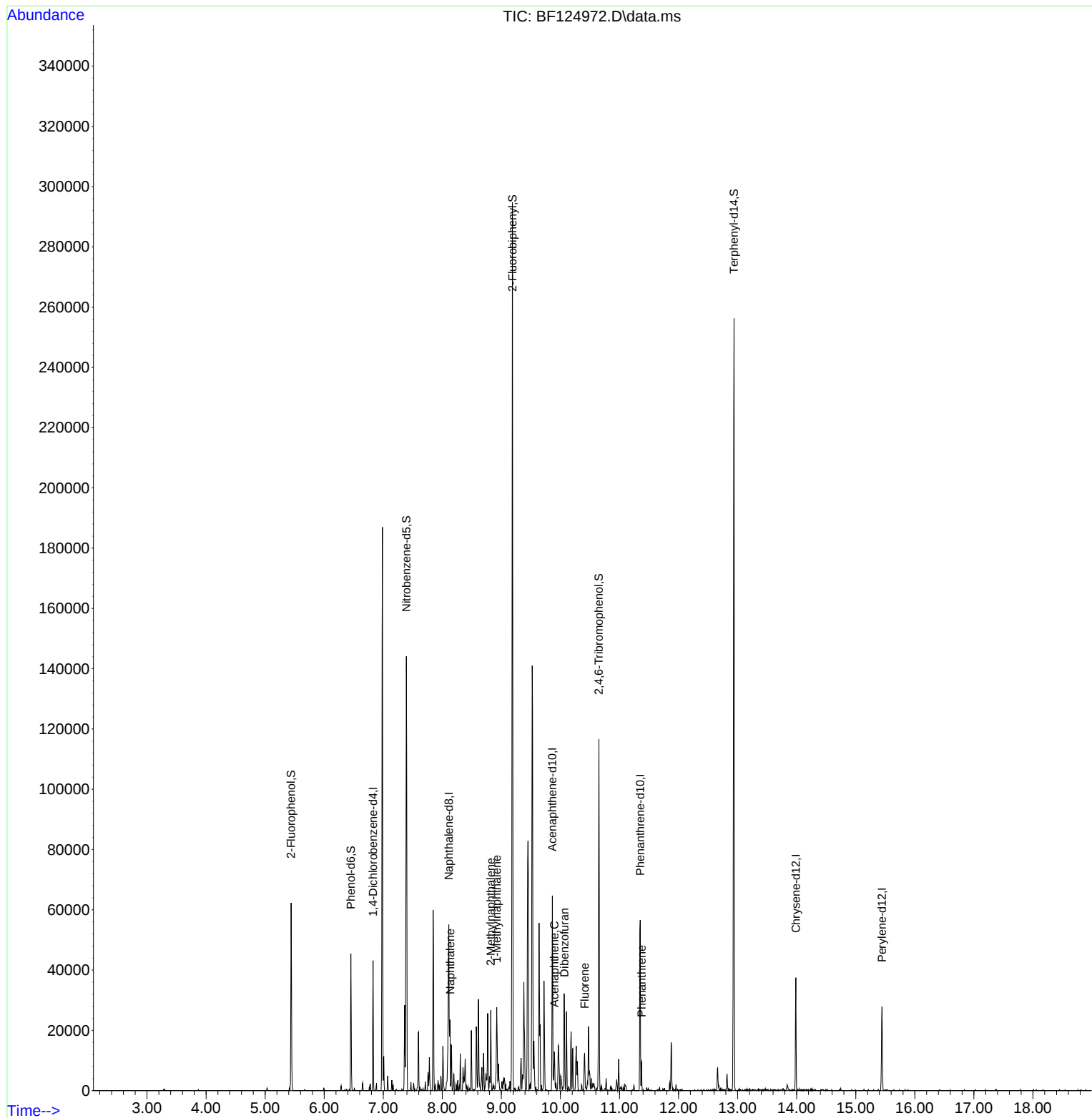
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	5902	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	21516	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	11865	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	21693	20.000	ng	0.00
76) Chrysene-d12	13.986	240	13084	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	13166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	15720	43.631	ng	0.00
7) Phenol-d6	6.451	99	12968	28.545	ng	-0.01
23) Nitrobenzene-d5	7.392	82	41078	99.875	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	10804	101.923	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	82761	102.064	ng	0.00
79) Terphenyl-d14	12.939	244	93553	120.611	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.134	128	5259	4.757	ng	# 94
37) 2-Methylnaphthalene	8.822	142	6664	8.966	ng	93
38) 1-Methylnaphthalene	8.922	142	6232	8.961	ng	97
52) Acenaphthene	9.898	154	2202	3.399	ng	# 92
55) Dibenzofuran	10.069	168	2080	2.055	ng	# 74
58) Fluorene	10.410	166	3336	4.298	ng	# 98
71) Phenanthrene	11.375	178	4192	3.562	ng	96

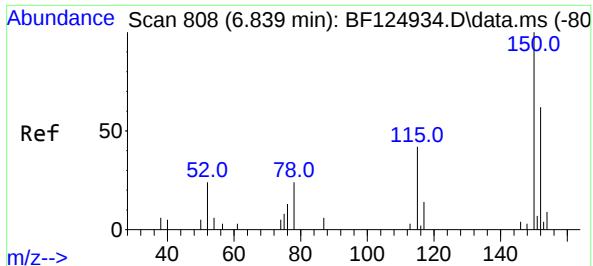
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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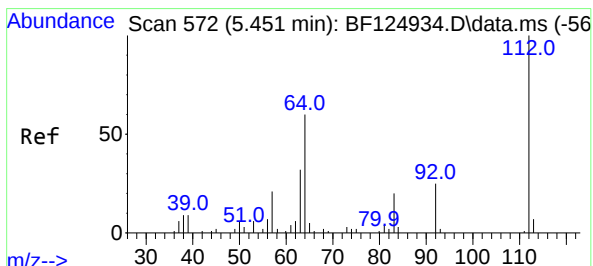
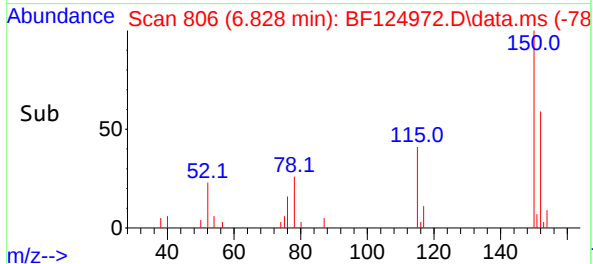
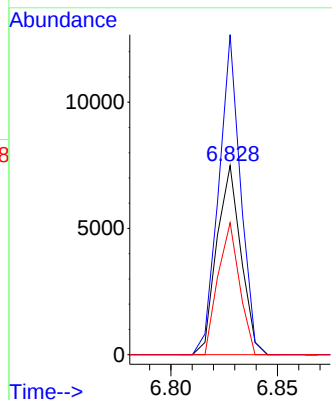
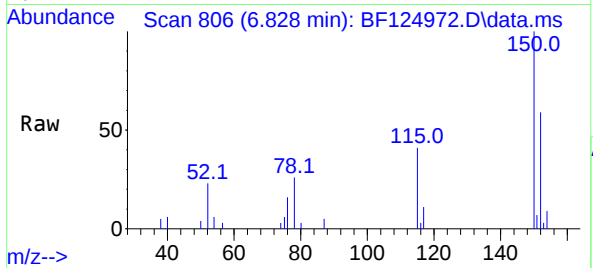




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

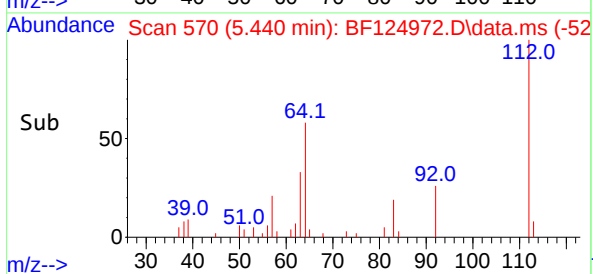
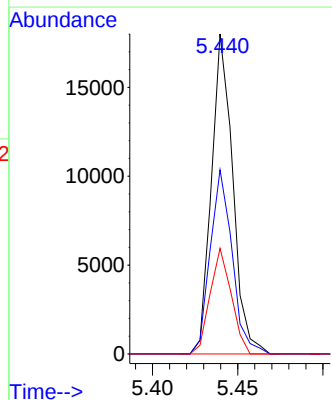
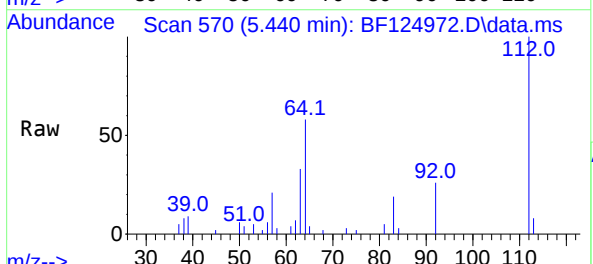
Instrument :
BNA_F
ClientSampleId :
TWP03

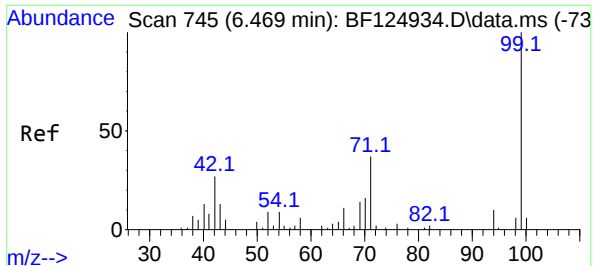
Tgt Ion:152 Resp: 5902
Ion Ratio Lower Upper
152 100
150 169.3 117.6 176.4
115 69.9 47.1 70.7



#5
2-Fluorophenol
Concen: 43.631 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:112 Resp: 15720
Ion Ratio Lower Upper
112 100
64 57.6 44.2 66.2
63 33.0 26.2 39.2



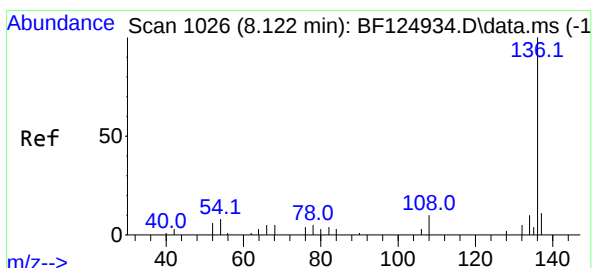
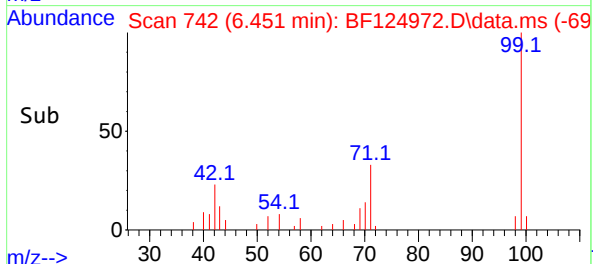
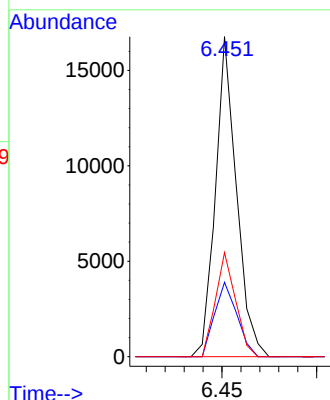
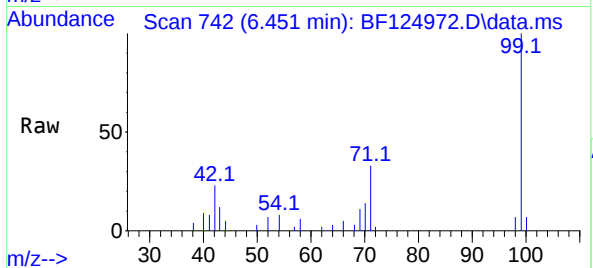


#7
Phenol-d6
Concen: 28.545 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Instrument :
BNA_F
ClientSampleId :
TWP03

Tgt Ion: 99 Resp: 12968

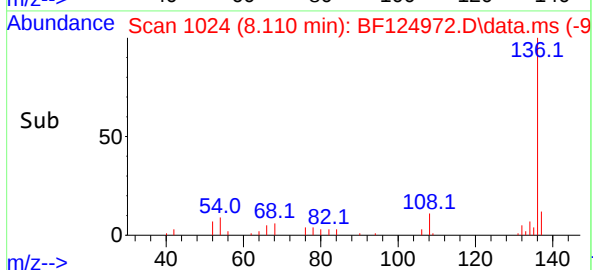
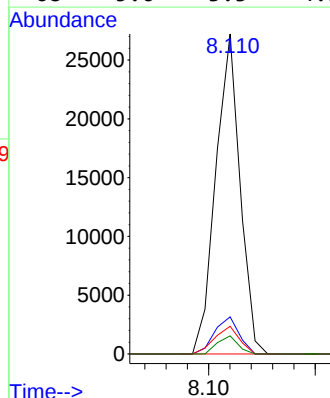
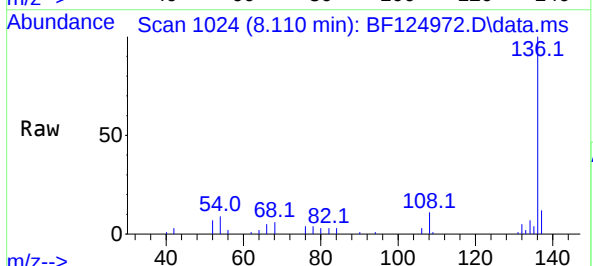
Ion	Ratio	Lower	Upper
99	100		
42	23.3	23.5	35.3#
71	32.5	25.6	38.4

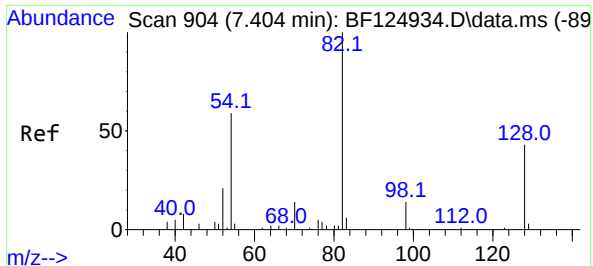


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion: 136 Resp: 21516

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.8	14.6
54	8.6	6.4	9.6
68	5.6	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 99.875 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF124972.D

Acq: 7 Aug 2021 13:36

Tgt Ion: 82 Resp: 41078

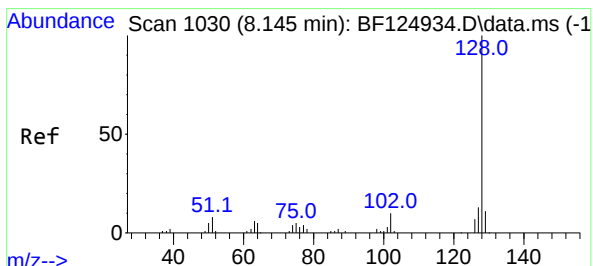
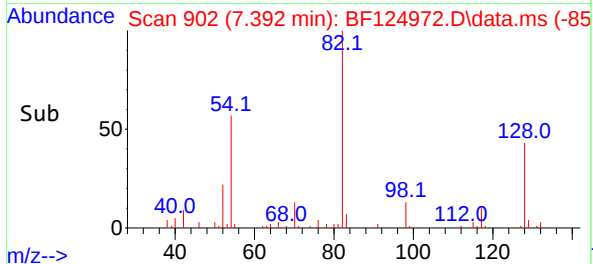
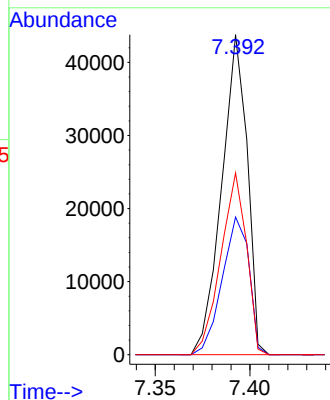
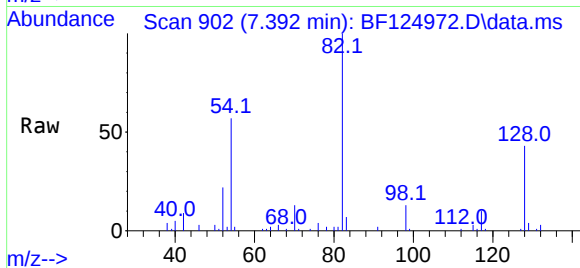
Ion	Ratio	Lower	Upper
82	100		
128	43.0	40.6	60.8
54	56.8	49.6	74.4

Instrument :

BNA_F

ClientSampleId :

TWP03



#31

Naphthalene

Concen: 4.757 ng

RT: 8.134 min Scan# 1028

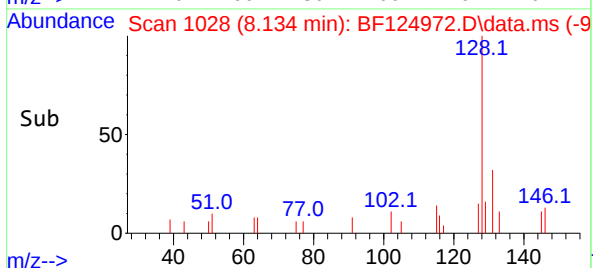
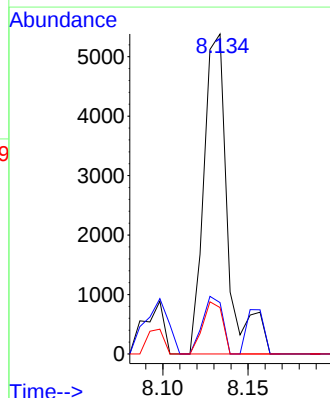
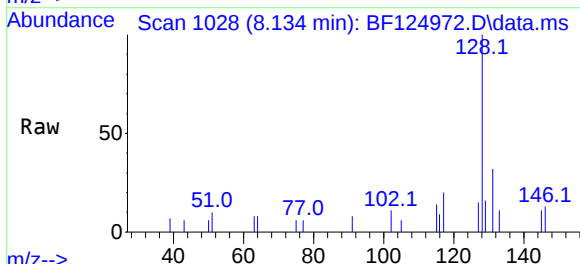
Delta R.T. 0.000 min

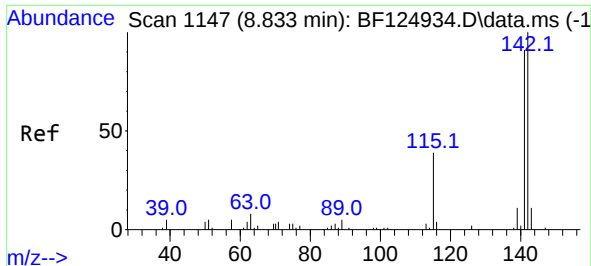
Lab File: BF124972.D

Acq: 7 Aug 2021 13:36

Tgt Ion: 128 Resp: 5259

Ion	Ratio	Lower	Upper
128	100		
129	16.1	9.4	14.0#
127	14.5	10.9	16.3

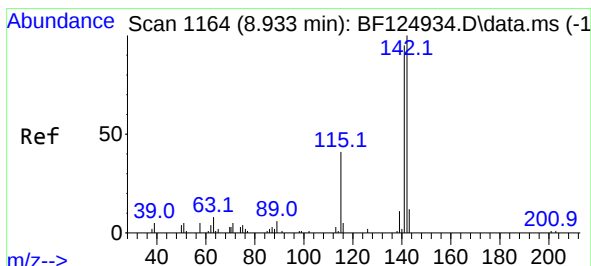
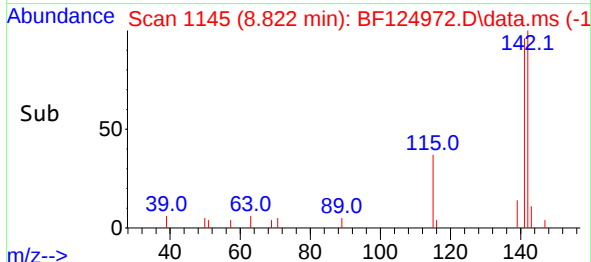
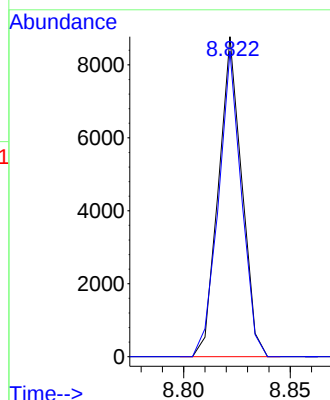
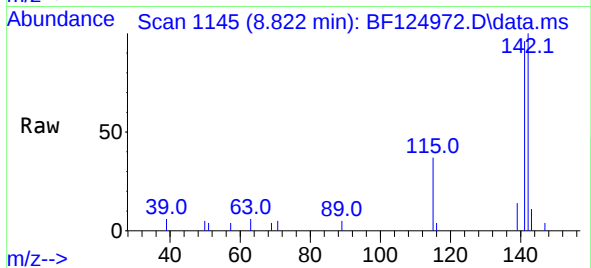




#37
2-Methylnaphthalene
Concen: 8.966 ng
RT: 8.822 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

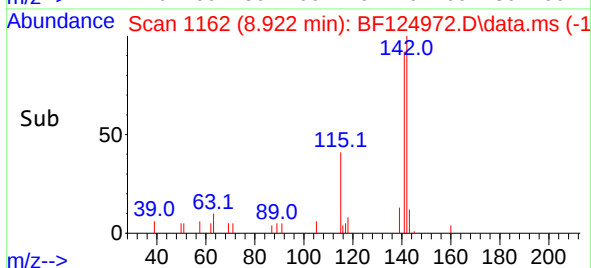
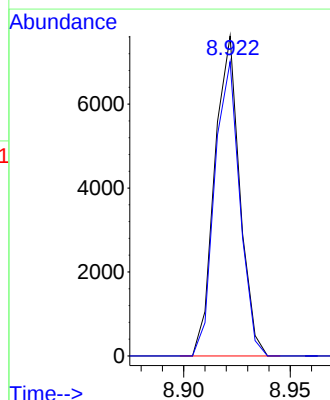
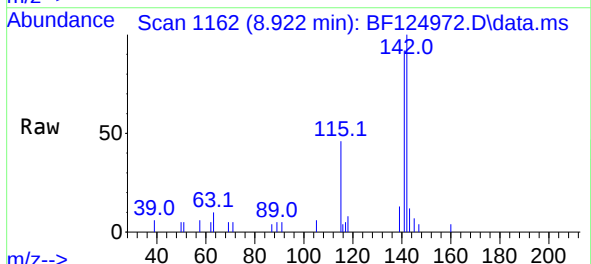
Instrument :
BNA_F
ClientSampleId :
TWP03

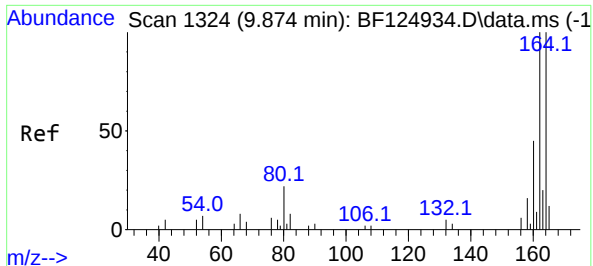
Tgt Ion:142 Resp: 6664
Ion Ratio Lower Upper
142 100
141 95.5 71.2 106.8



#38
1-Methylnaphthalene
Concen: 8.961 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:142 Resp: 6232
Ion Ratio Lower Upper
142 100
141 92.0 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF124972.D

Acq: 7 Aug 2021 13:36

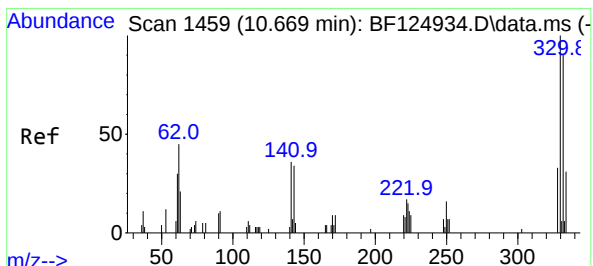
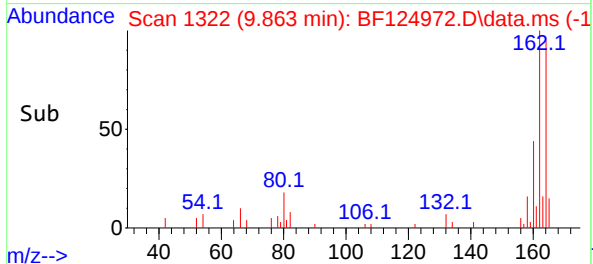
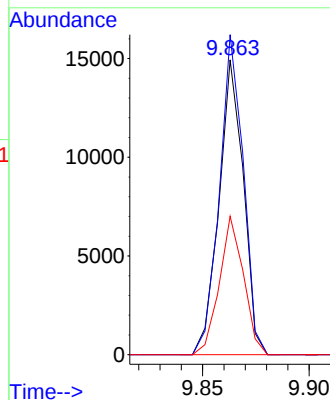
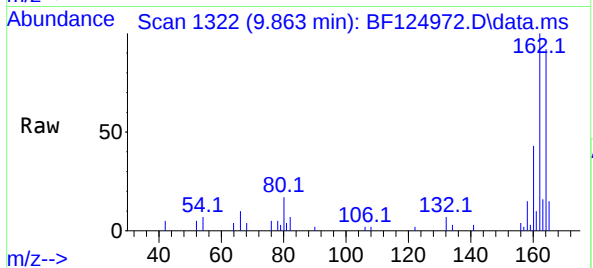
Tgt Ion:164 Resp: 11865

Ion Ratio Lower Upper

164 100

162 108.5 81.3 121.9

160 47.0 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 101.923 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF124972.D

Acq: 7 Aug 2021 13:36

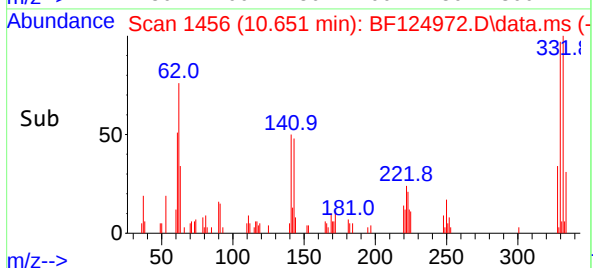
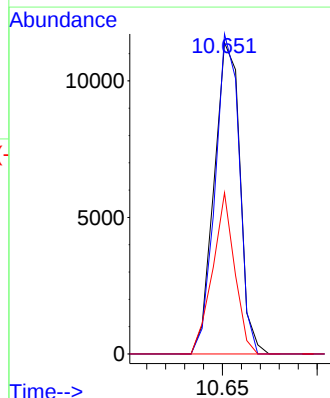
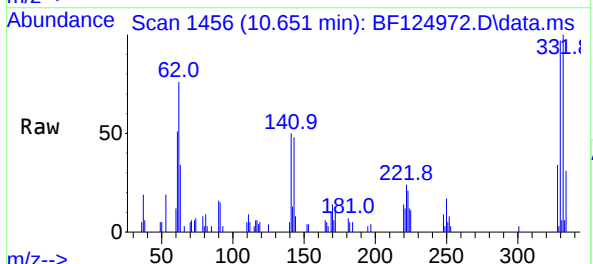
Tgt Ion:330 Resp: 10804

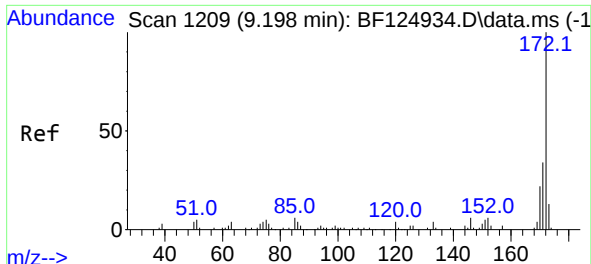
Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.4

141 44.3 44.6 66.8#

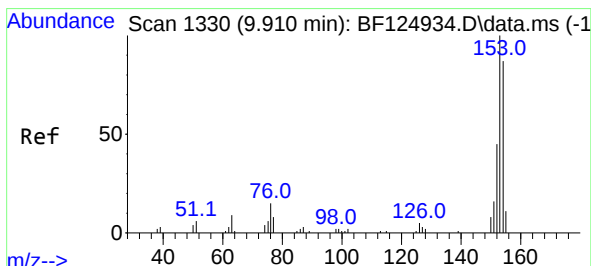
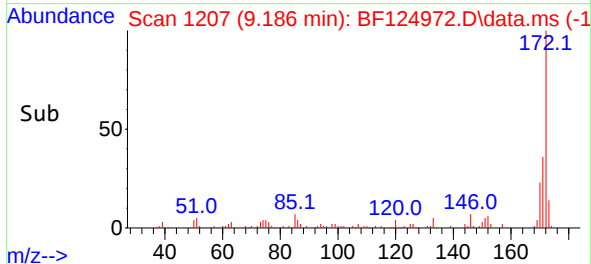
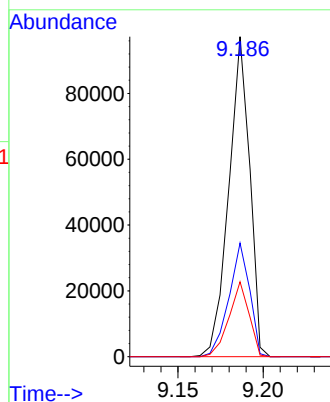
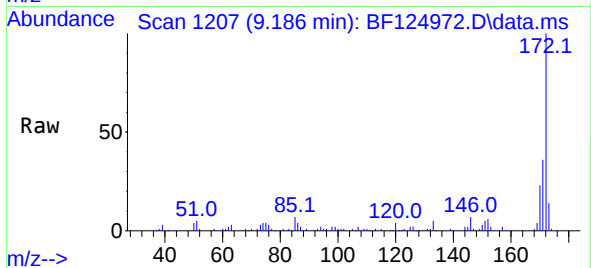




#45
2-Fluorobiphenyl
Concen: 102.064 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

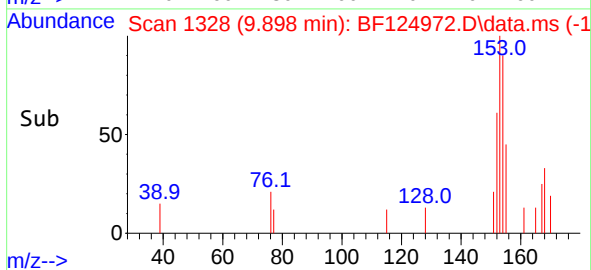
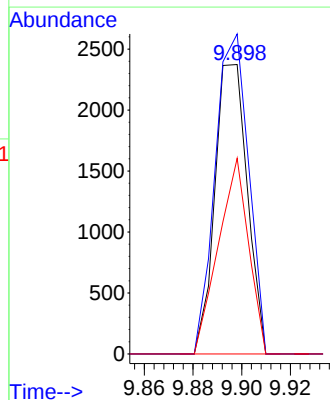
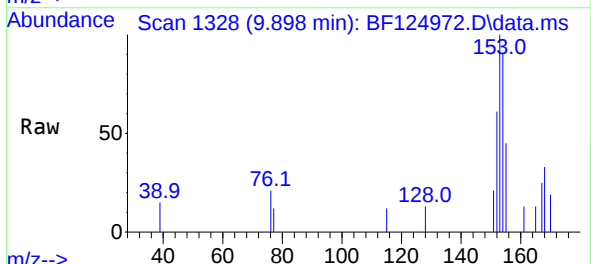
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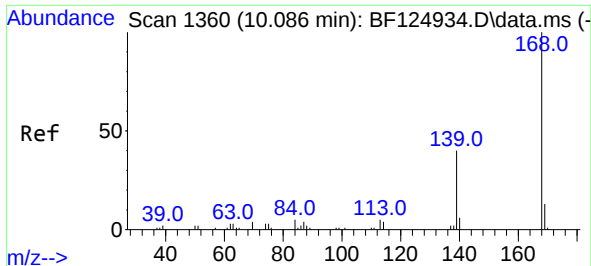
Tgt Ion:172 Resp: 82761
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.4 18.8 28.2



#52
Acenaphthene
Concen: 3.399 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:154 Resp: 2202
Ion Ratio Lower Upper
154 100
153 110.6 89.4 134.2
152 67.6 40.5 60.7#

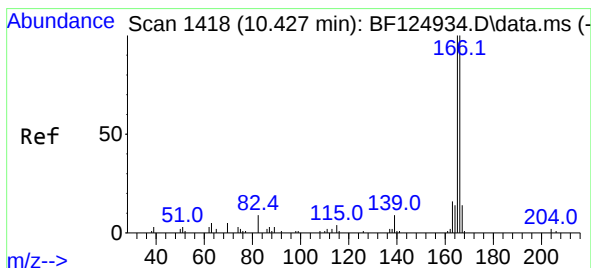
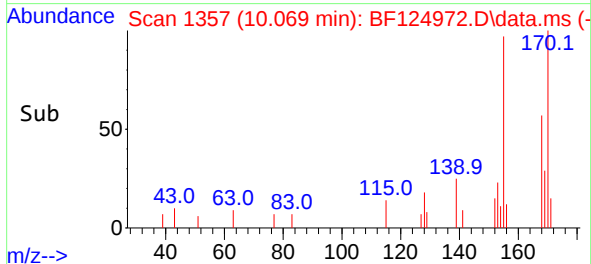
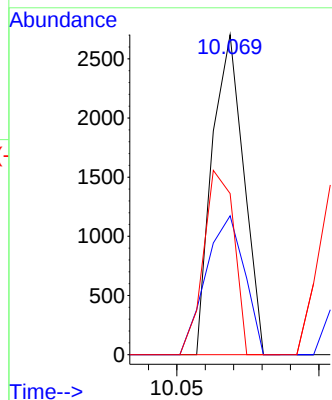
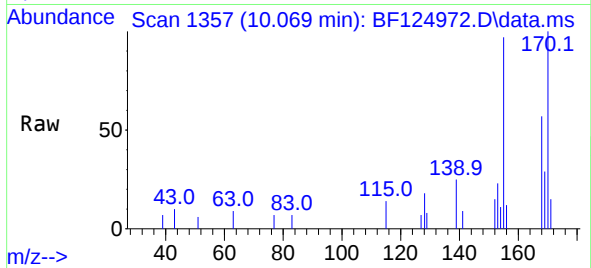




#55
Dibenzenofuran
Concen: 2.055 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

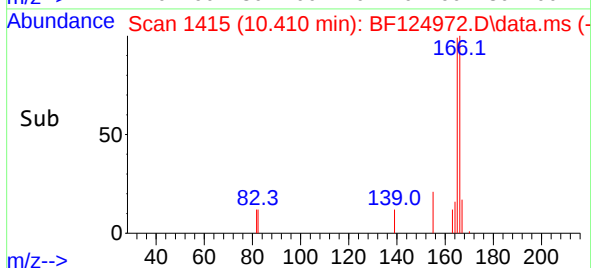
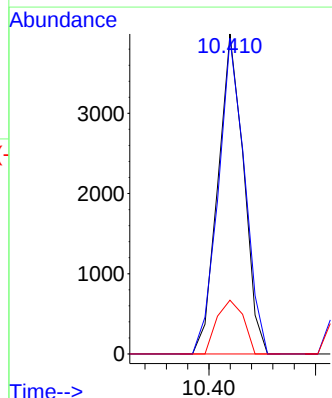
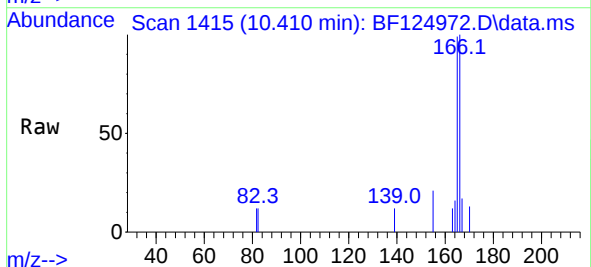
Instrument :
BNA_F
ClientSampleId :
TWP03

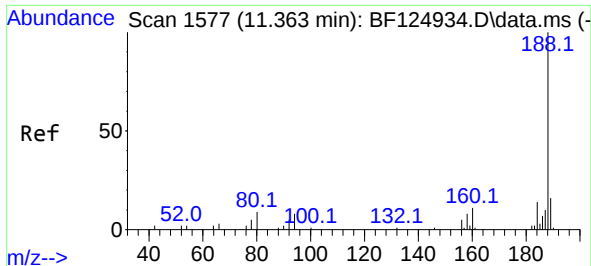
Tgt Ion:168 Resp: 2080
Ion Ratio Lower Upper
168 100
139 43.4 32.7 49.1
169 50.4 11.2 16.8#



#58
Fluorene
Concen: 4.298 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:166 Resp: 3336
Ion Ratio Lower Upper
166 100
165 98.6 78.1 117.1
167 16.8 11.1 16.7#

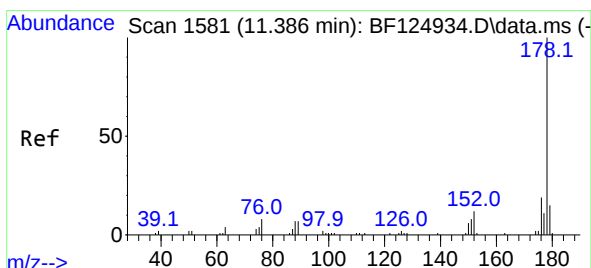
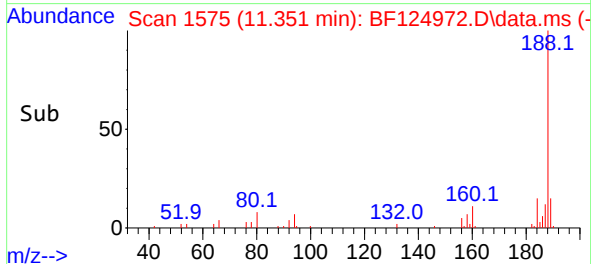
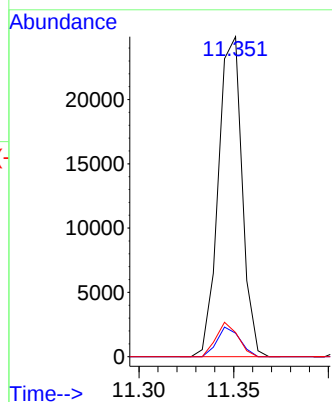
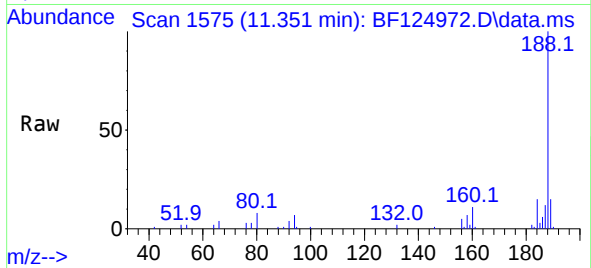




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

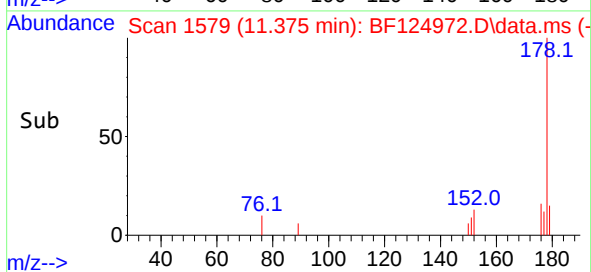
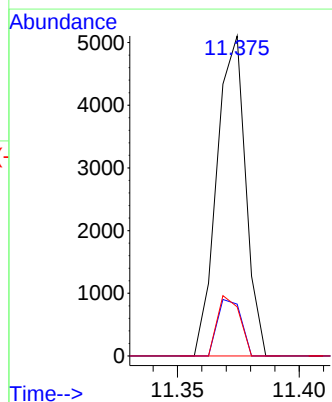
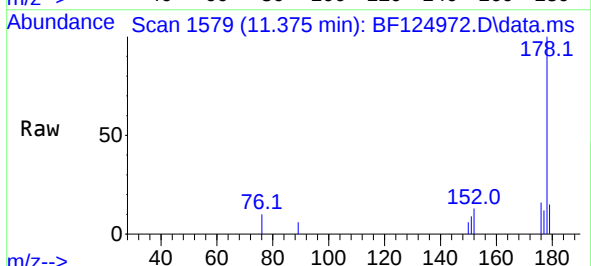
Instrument :
BNA_F
ClientSampleId :
TWP03

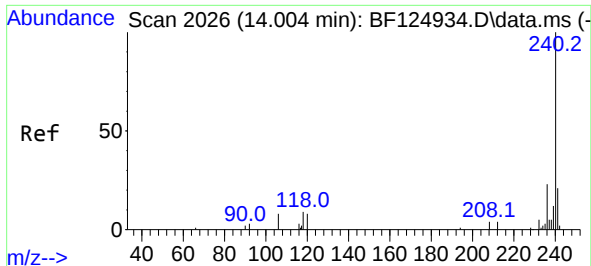
Tgt Ion:188 Resp: 21693
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 7.5 7.5 11.3



#71
Phenanthrene
Concen: 3.562 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:178 Resp: 4192
Ion Ratio Lower Upper
178 100
176 16.2 14.7 22.1
179 15.4 11.5 17.3

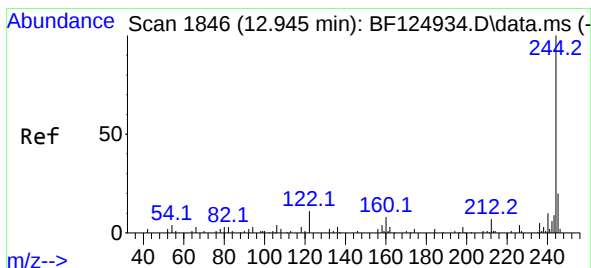
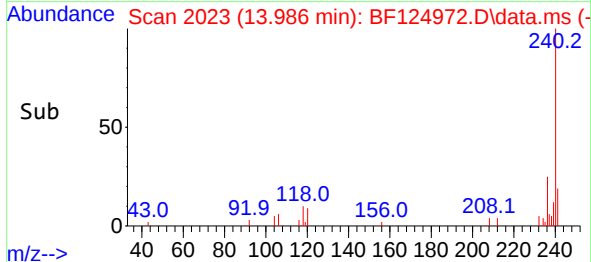
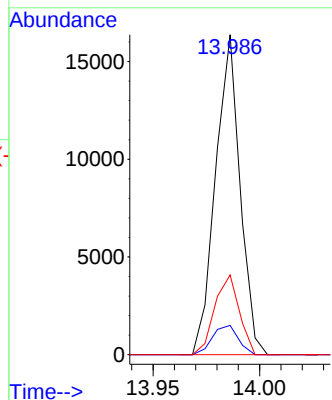
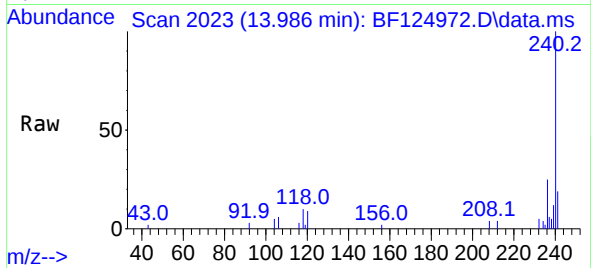




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

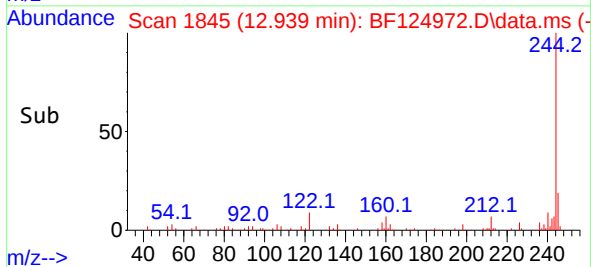
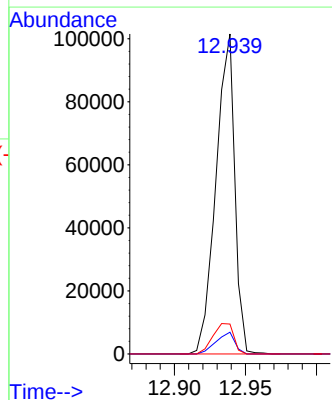
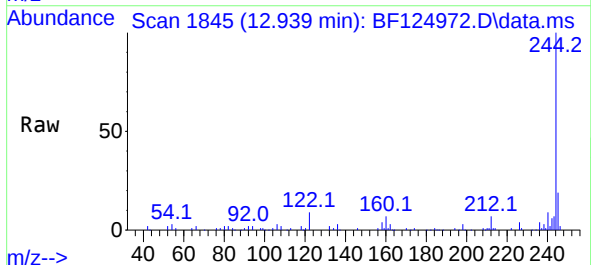
Instrument :
BNA_F
ClientSampleId :
TWP03

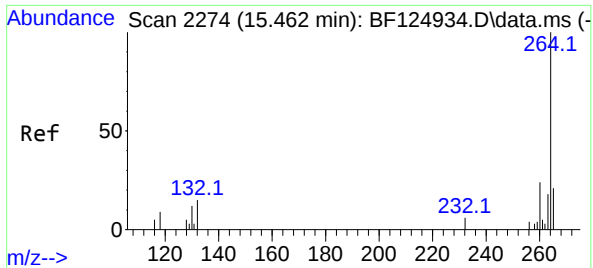
Tgt Ion:240 Resp: 13084
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 24.9 21.6 32.4



#79
Terphenyl-d14
Concen: 120.611 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Tgt Ion:244 Resp: 93553
Ion Ratio Lower Upper
244 100
212 6.8 5.9 8.9
122 9.3 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF124972.D
Acq: 7 Aug 2021 13:36

Instrument :
BNA_F
ClientSampleId :
TWP03

Tgt Ion:264 Resp: 13166

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.5	17.2	25.8

