

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080721\
 Data File : BF124971.D
 Acq On : 7 Aug 2021 13:03
 Operator : JU/CG
 Sample : M3281-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP02

Quant Time: Aug 07 15:37:49 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)

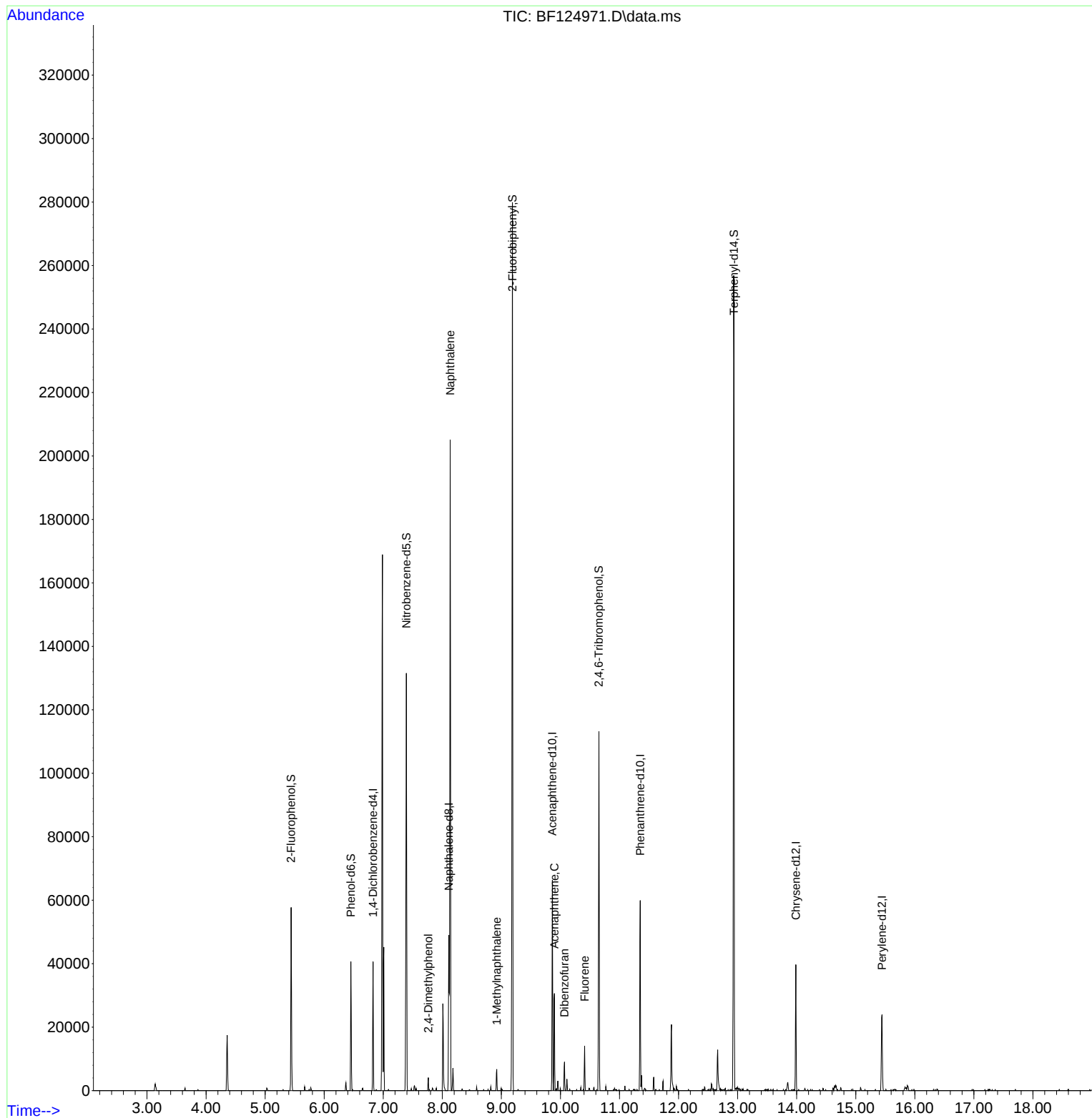
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	5507	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	21150	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	11828	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	21275	20.000	ng	0.00
76) Chrysene-d12	13.986	240	13868	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	12828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	15067	44.818	ng	0.00
7) Phenol-d6	6.451	99	11606	27.379	ng	-0.01
23) Nitrobenzene-d5	7.392	82	38285	94.695	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	10599	100.302	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	79711	98.610	ng	0.00
79) Terphenyl-d14	12.939	244	93466	113.687	ng	0.00
Target Compounds						
						Qvalue
27) 2,4-Dimethylphenol	7.763	122	796	2.827	ng	# 61
31) Naphthalene	8.134	128	82480	75.903	ng	96
38) 1-Methylnaphthalene	8.922	142	2108	3.084	ng	90
52) Acenaphthene	9.898	154	6938	10.744	ng	99
55) Dibenzofuran	10.069	168	4586	4.544	ng	98
58) Fluorene	10.410	166	3444	4.451	ng	99

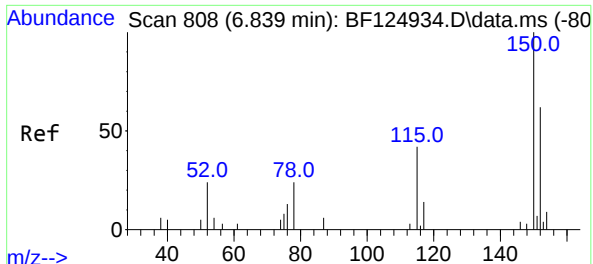
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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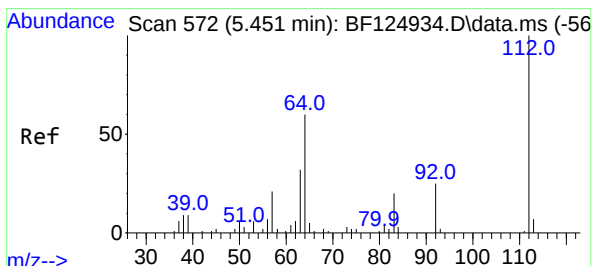
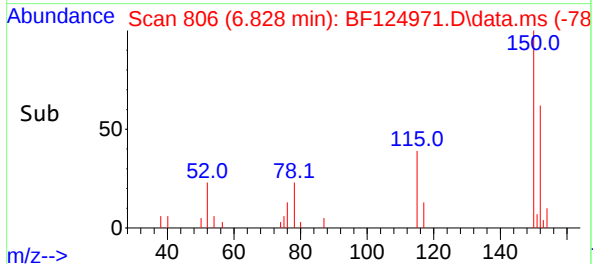
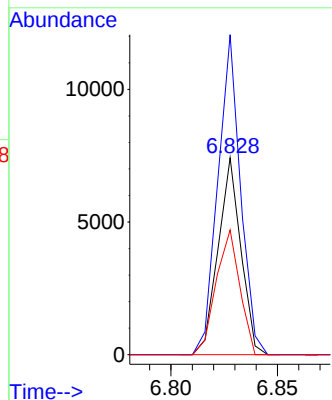
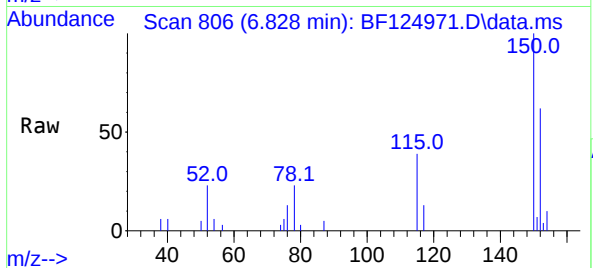




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

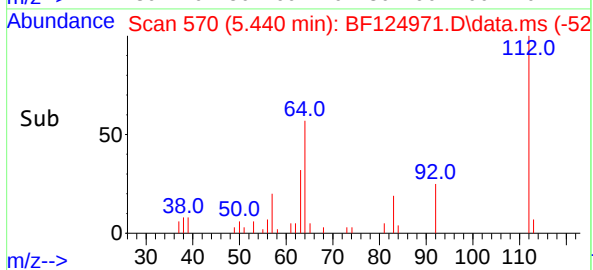
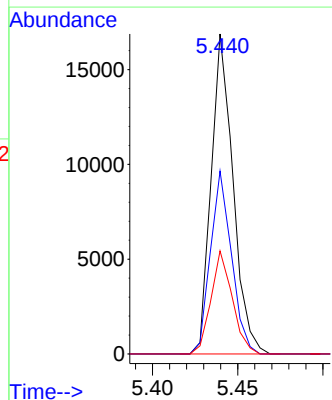
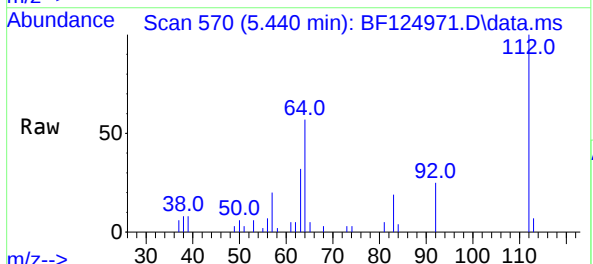
Instrument :
BNA_F
ClientSampleId :
TWP02

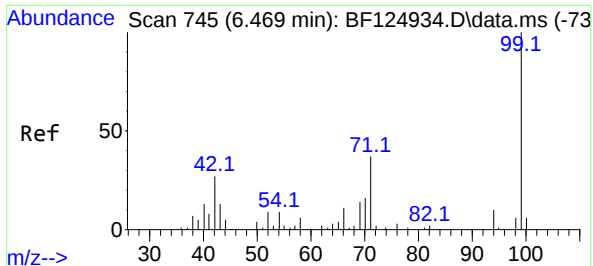
Tgt Ion:152 Resp: 5507
Ion Ratio Lower Upper
152 100
150 162.5 117.6 176.4
115 63.3 47.1 70.7



#5
2-Fluorophenol
Concen: 44.818 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.006 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

Tgt Ion:112 Resp: 15067
Ion Ratio Lower Upper
112 100
64 57.2 44.2 66.2
63 32.2 26.2 39.2

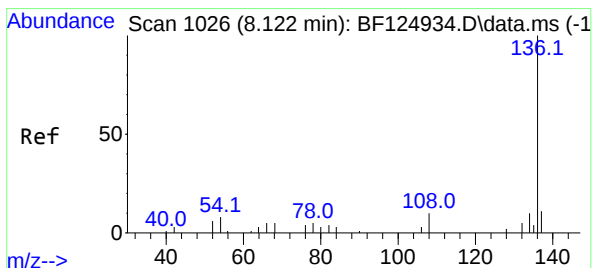
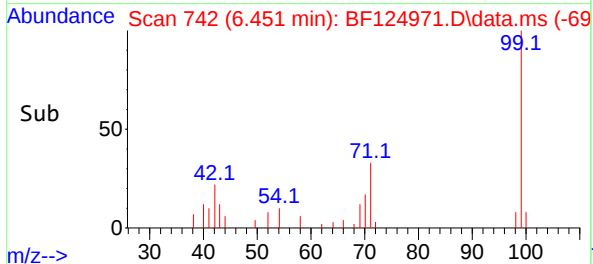
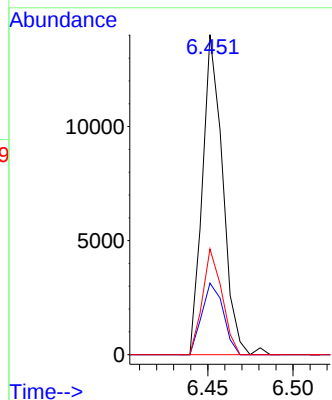
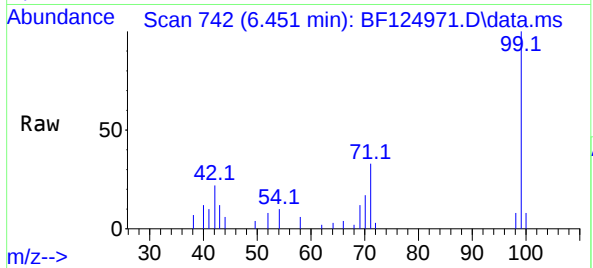




#7
Phenol-d6
Concen: 27.379 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

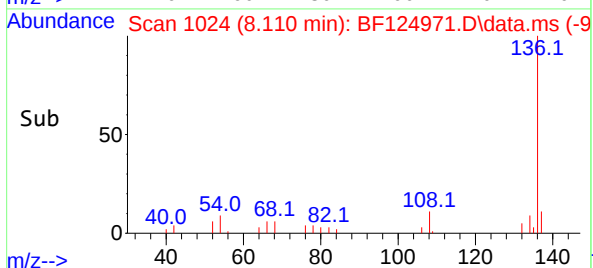
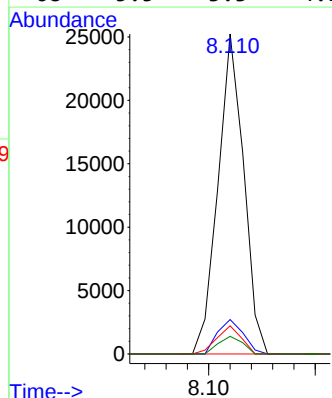
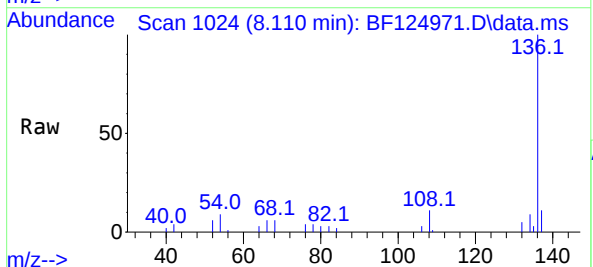
Instrument :
BNA_F
ClientSampleId :
TWP02

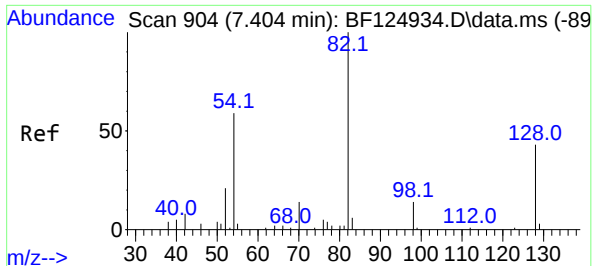
Tgt Ion: 99 Resp: 11606
Ion Ratio Lower Upper
99 100
42 22.3 23.5 35.3#
71 33.1 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

Tgt Ion:136 Resp: 21150
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 8.8 6.4 9.6
68 5.5 3.3 4.9#

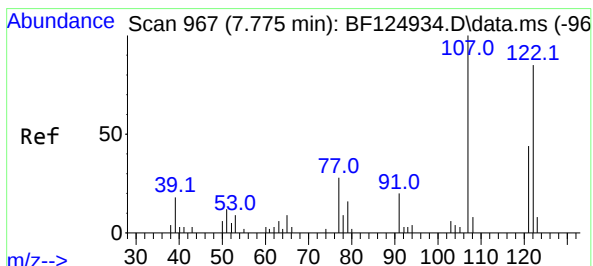
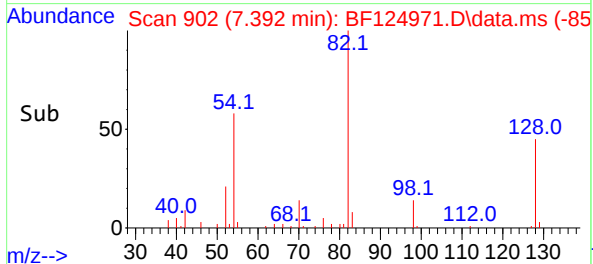
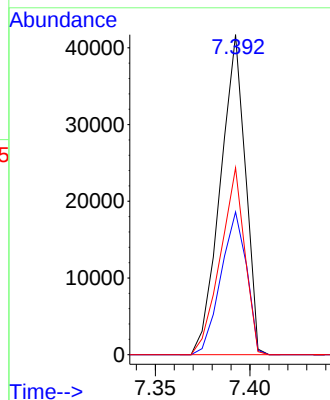
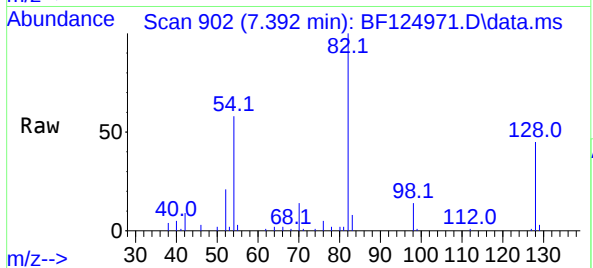




#23
Nitrobenzene-d5
Concen: 94.695 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

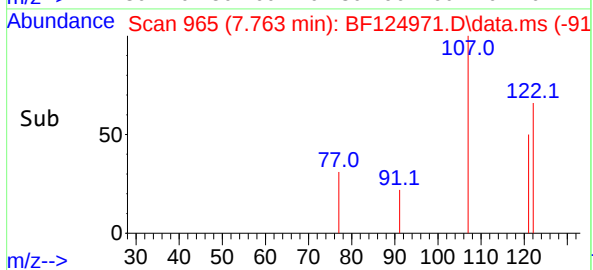
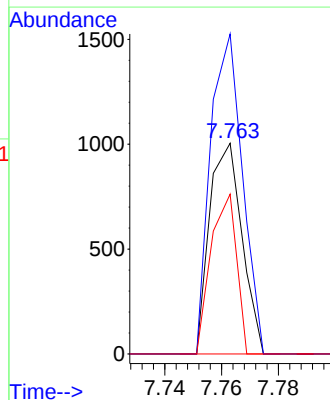
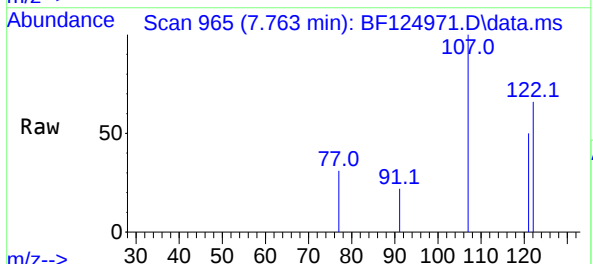
Instrument :
BNA_F
ClientSampleId :
TWP02

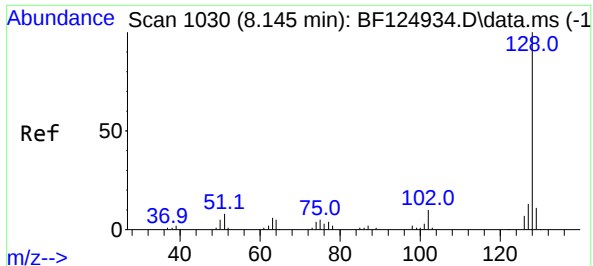
Tgt Ion:	82	Resp:	38285
Ion	Ratio	Lower	Upper
82	100		
128	44.6	40.6	60.8
54	58.4	49.6	74.4



#27
2,4-Dimethylphenol
Concen: 2.827 ng
RT: 7.763 min Scan# 965
Delta R.T. 0.000 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

Tgt Ion:	122	Resp:	796
Ion	Ratio	Lower	Upper
122	100		
107	151.8	85.0	127.6#
121	75.8	43.3	64.9#

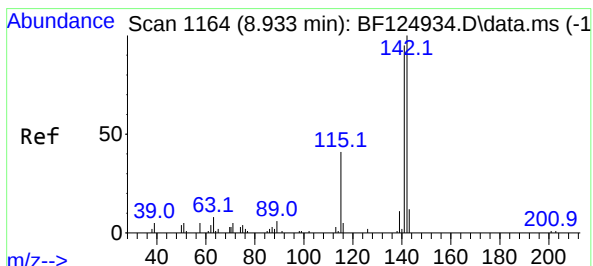
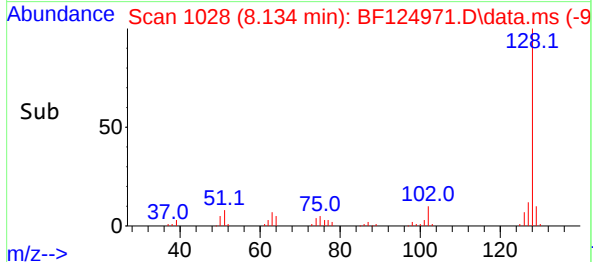
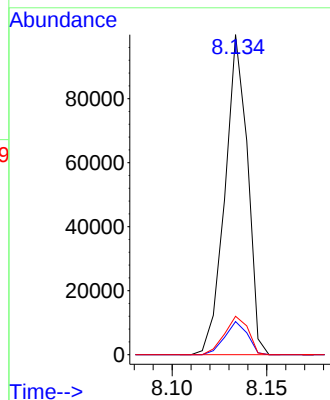
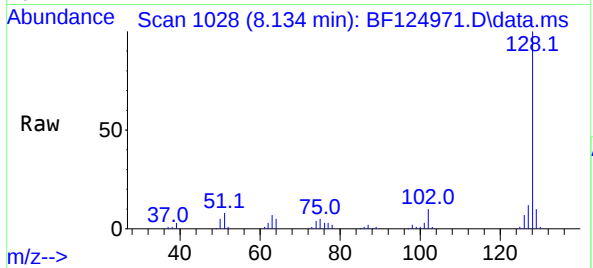




#31
Naphthalene
Concen: 75.903 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

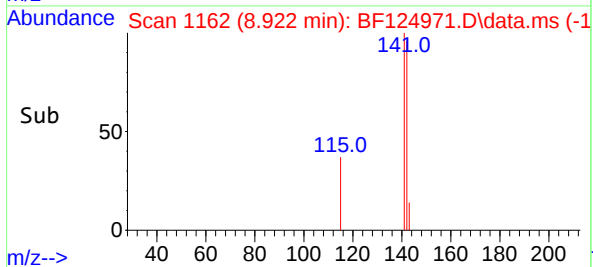
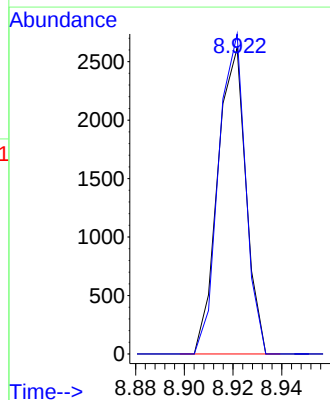
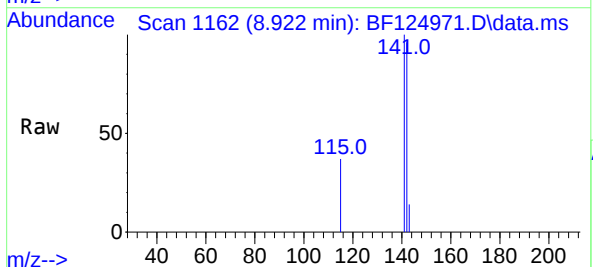
Instrument :
BNA_F
ClientSampleId :
TWP02

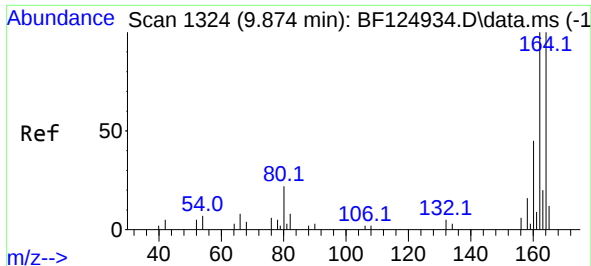
Tgt Ion:128 Resp: 82480
Ion Ratio Lower Upper
128 100
129 10.4 9.4 14.0
127 12.0 10.9 16.3



#38
1-Methylnaphthalene
Concen: 3.084 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

Tgt Ion:142 Resp: 2108
Ion Ratio Lower Upper
142 100
141 104.6 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: BF124971.D

Acq: 7 Aug 2021 13:03

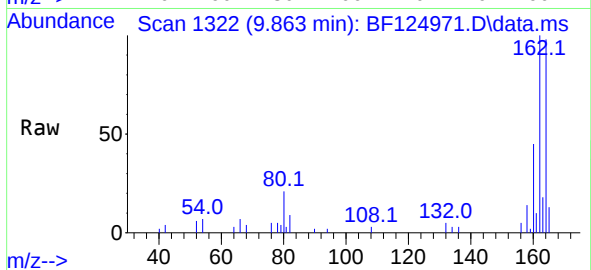
Tgt Ion:164 Resp: 11828

Ion Ratio Lower Upper

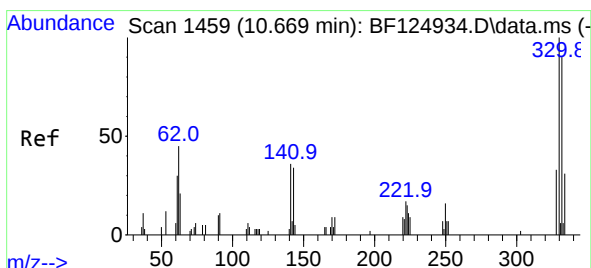
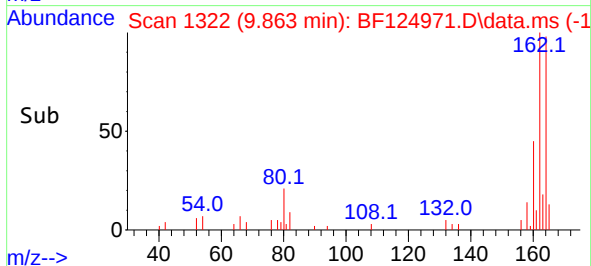
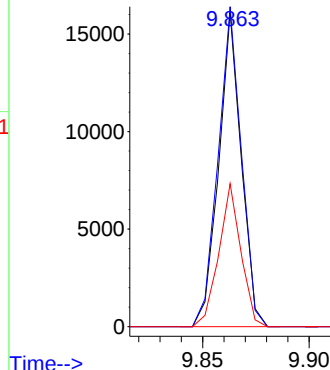
164 100

162 101.7 81.3 121.9

160 45.5 38.0 57.0



Abundance



#42

2,4,6-Tribromophenol

Concen: 100.302 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF124971.D

Acq: 7 Aug 2021 13:03

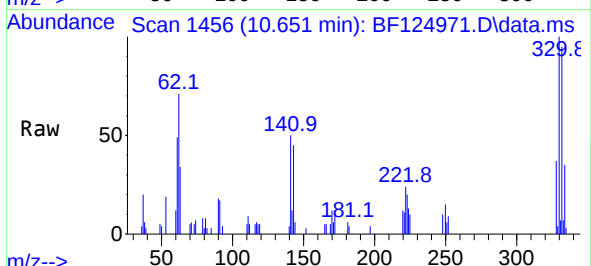
Tgt Ion:330 Resp: 10599

Ion Ratio Lower Upper

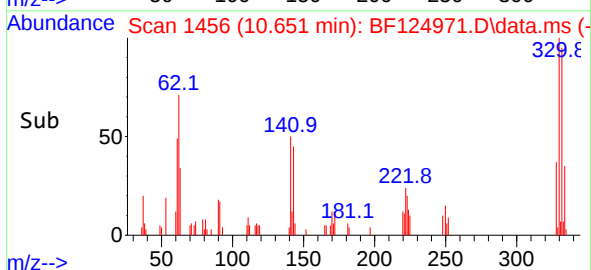
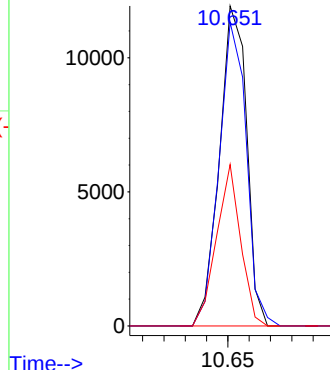
330 100

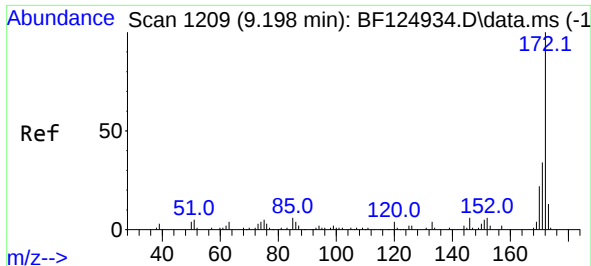
332 95.0 76.2 114.4

141 44.8 44.6 66.8



Abundance



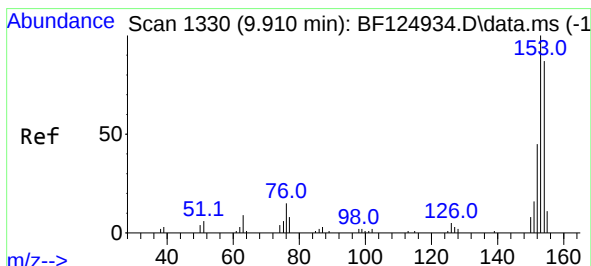
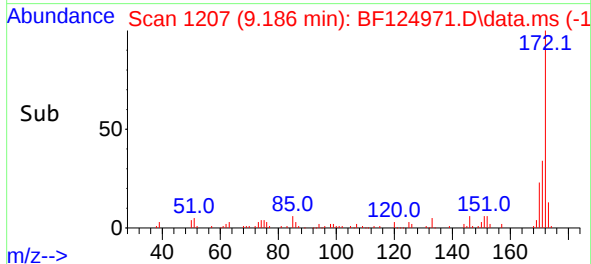
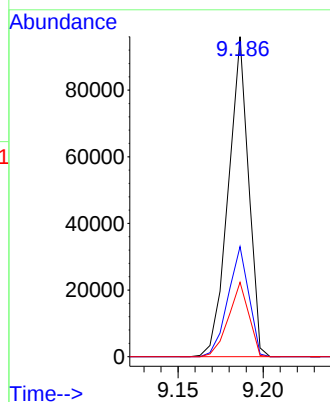
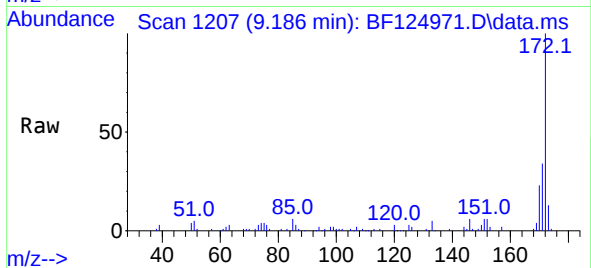


#45
2-Fluorobiphenyl
Concen: 98.610 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

Instrument :
BNA_F
ClientSampleId :
TWP02

Tgt Ion:172 Resp: 79711

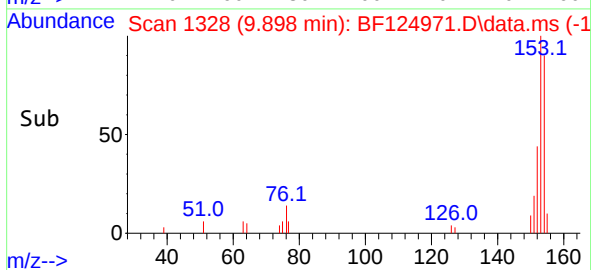
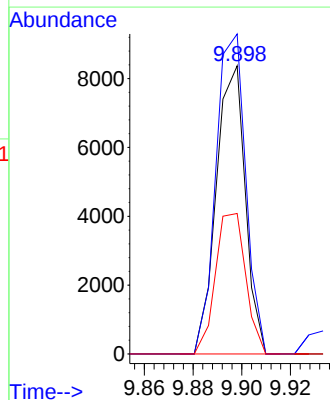
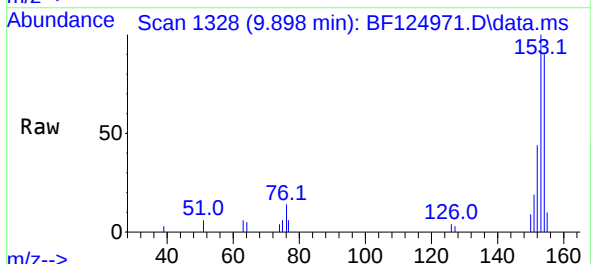
Ion	Ratio	Lower	Upper
172	100		
171	34.4	26.5	39.7
170	23.2	18.8	28.2

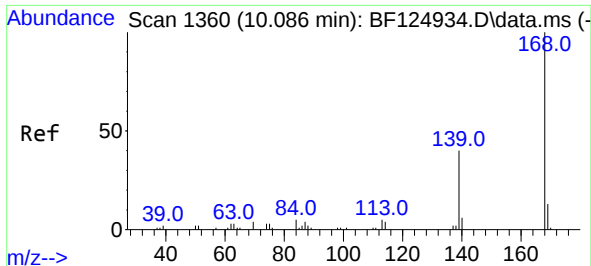


#52
Acenaphthene
Concen: 10.744 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

Tgt Ion:154 Resp: 6938

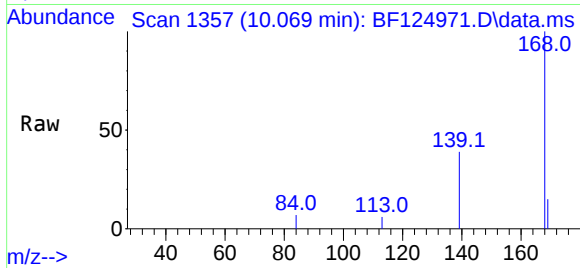
Ion	Ratio	Lower	Upper
154	100		
153	111.1	89.4	134.2
152	48.7	40.5	60.7



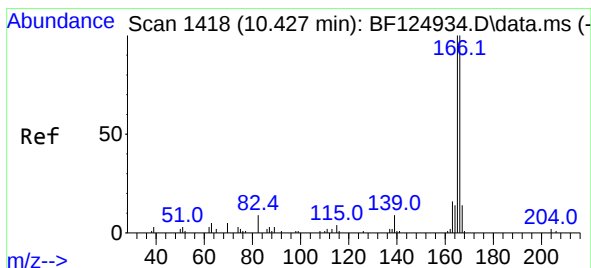
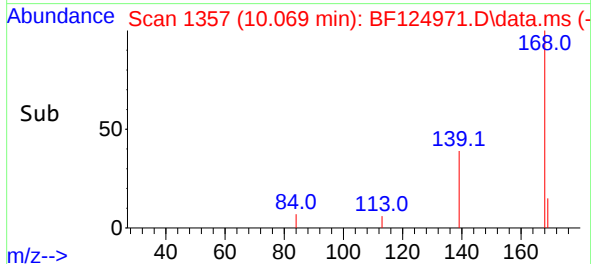
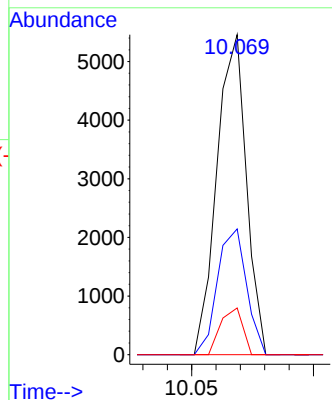


#55
Dibenzenofuran
Concen: 4.544 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.006 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

Instrument :
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ClientSampleId :
TWP02

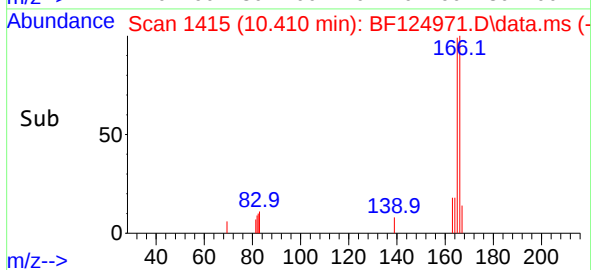
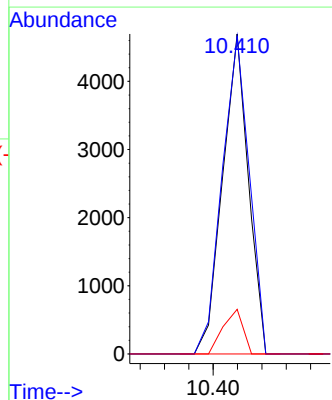
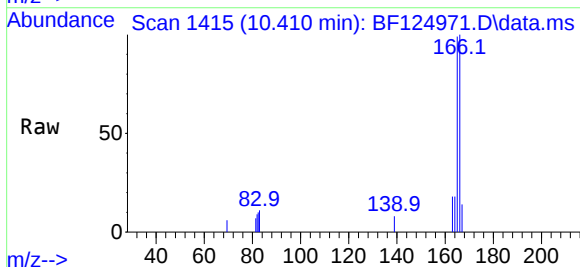


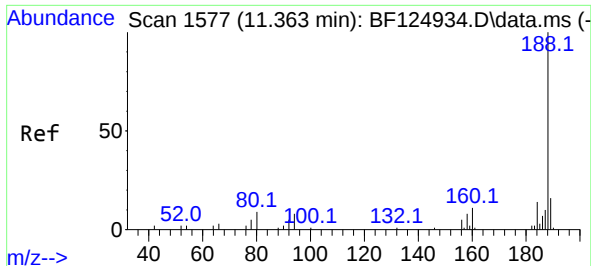
Tgt Ion:168 Resp: 4586
Ion Ratio Lower Upper
168 100
139 39.3 32.7 49.1
169 14.6 11.2 16.8



#58
Fluorene
Concen: 4.451 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

Tgt Ion:166 Resp: 3444
Ion Ratio Lower Upper
166 100
165 99.2 78.1 117.1
167 14.0 11.1 16.7

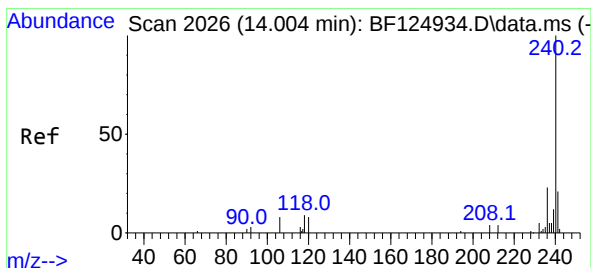
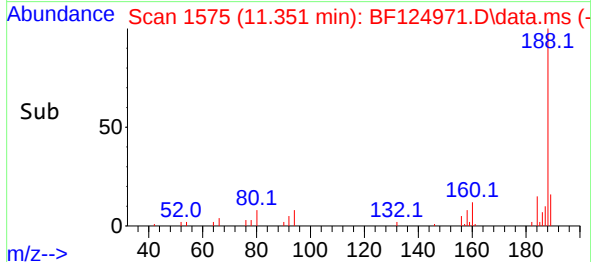
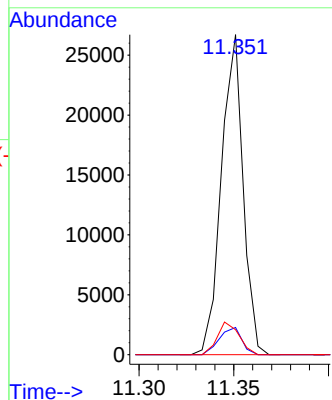
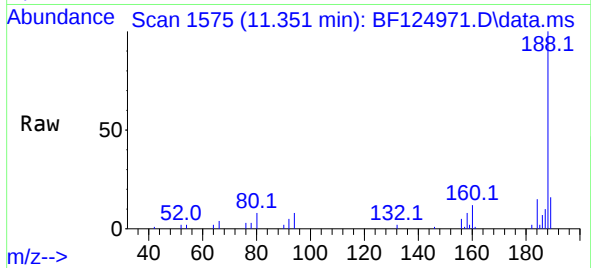




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

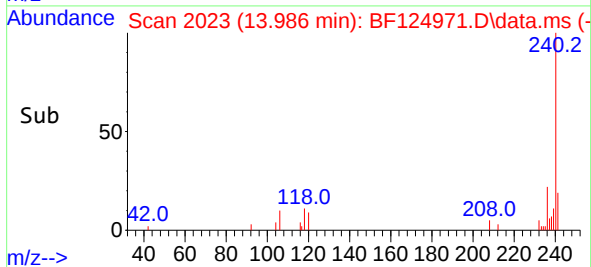
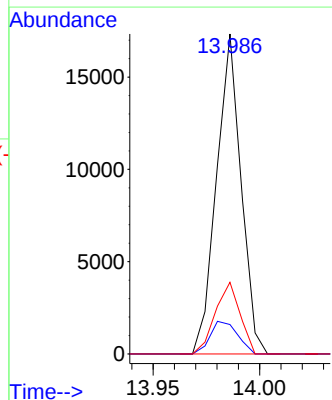
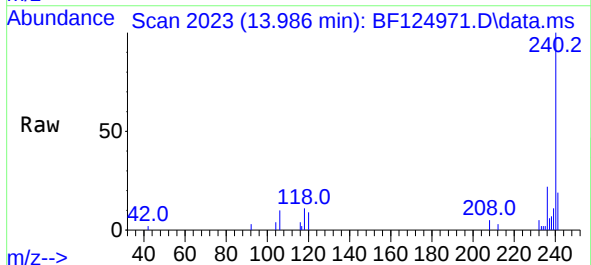
Instrument :
BNA_F
ClientSampleId :
TWP02

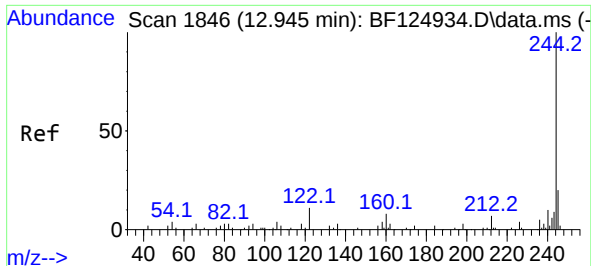
Tgt Ion:188 Resp: 21275
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 7.8 7.5 11.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

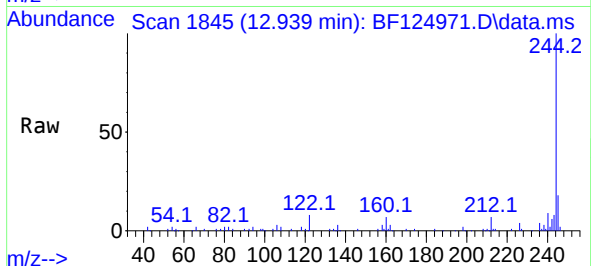
Tgt Ion:240 Resp: 13868
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 22.4 21.6 32.4



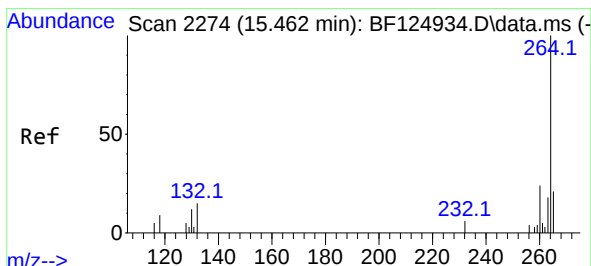
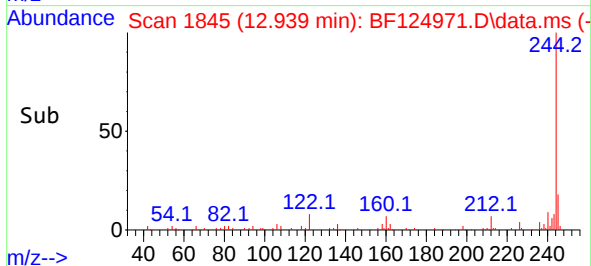
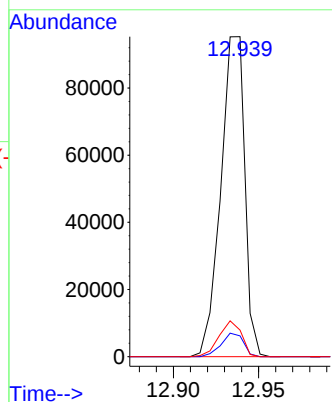


#79
Terphenyl-d14
Concen: 113.687 ng
RT: 12.939 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF124971.D
Acq: 7 Aug 2021 13:03

Instrument :
BNA_F
ClientSampleId :
TWP02



Tgt Ion:244 Resp: 93466
Ion Ratio Lower Upper
244 100
212 6.5 5.9 8.9
122 8.3 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: BF124971.D
Acq: 7 Aug 2021 13:03

Tgt Ion:264 Resp: 12828
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 20.0 17.2 25.8

