

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128049.D
 Acq On : 03 May 2022 16:49
 Operator : CG\JU
 Sample : N2664-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-6

Quant Time: May 04 04:27:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

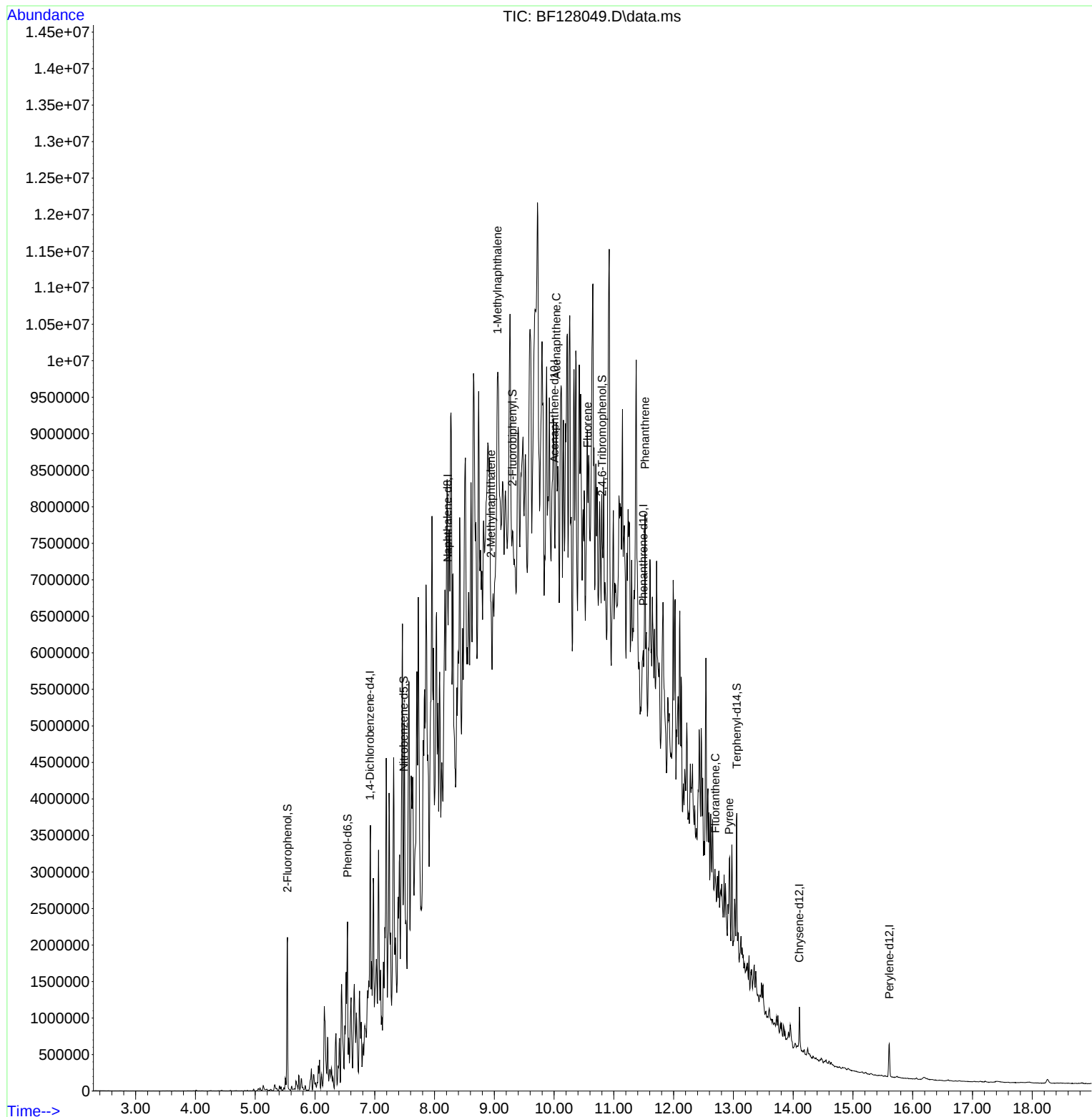
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	73720	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	209311	20.000	ng	# 0.02
39) Acenaphthene-d10	10.004	164	120174	20.000	ng	# 0.04
64) Phenanthrene-d10	11.492	188	159114	20.000	ng	# 0.04
76) Chrysene-d12	14.104	240	192778	20.000	ng	0.00
86) Perylene-d12	15.609	264	211426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.539	112	547536	118.300	ng	0.00
7) Phenol-d6	6.545	99	712498	118.638	ng	0.00
23) Nitrobenzene-d5	7.486	82	480228	107.889	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	127893	105.718	ng	0.05
45) 2-Fluorobiphenyl	9.304	172	550039	77.431	ng	0.02
79) Terphenyl-d14	13.057	244	605515	57.435	ng	0.01
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.945	142	358602	50.898	ng	96
38) 1-Methylnaphthalene	9.051	142	1305434	190.627	ng	99
52) Acenaphthene	10.039	154	241709	34.683	ng	# 77
58) Fluorene	10.563	166	448113	59.726	ng	# 84
71) Phenanthrene	11.521	178	1017556	122.172	ng	# 96
75) Fluoranthene	12.698	202	55284	6.307	ng	71
78) Pyrene	12.927	202	235876	15.157	ng	# 86

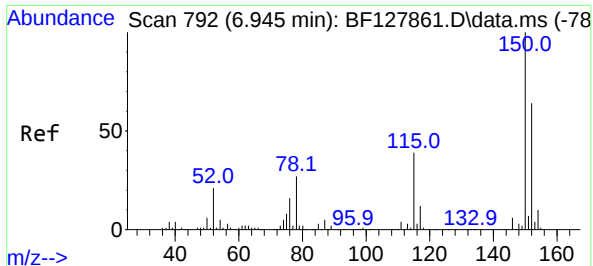
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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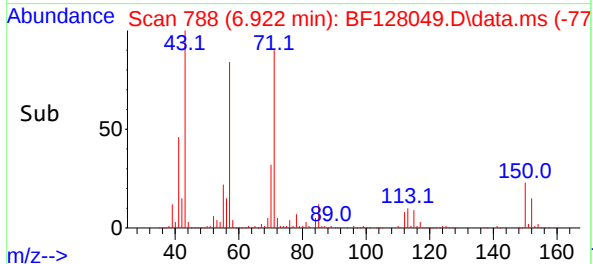
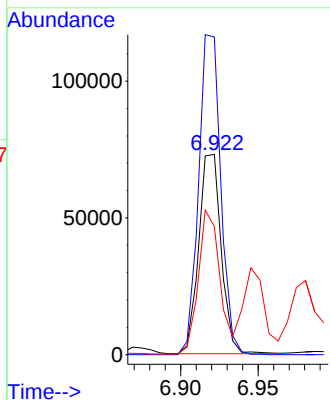
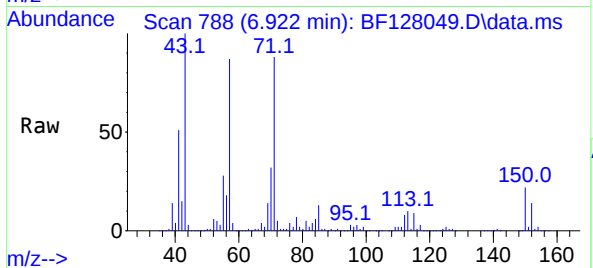




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

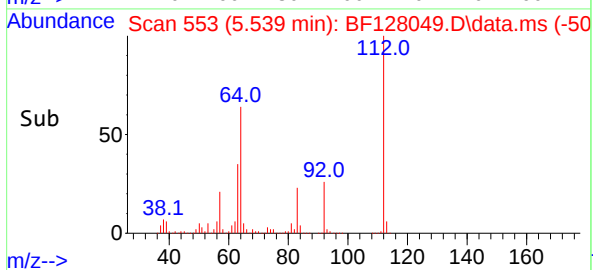
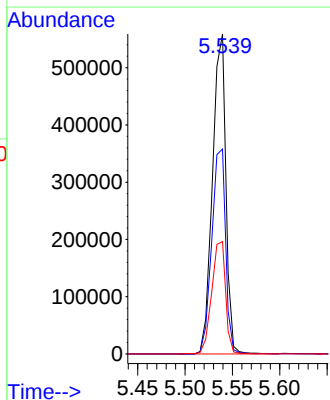
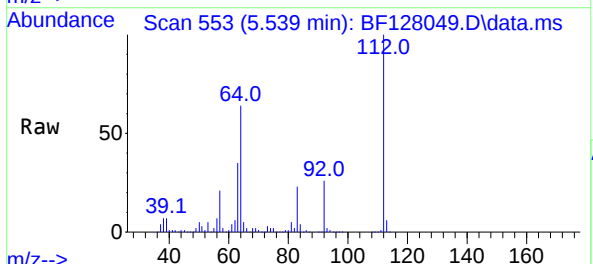
Instrument :
BNA_F
ClientSampleId :
S-6

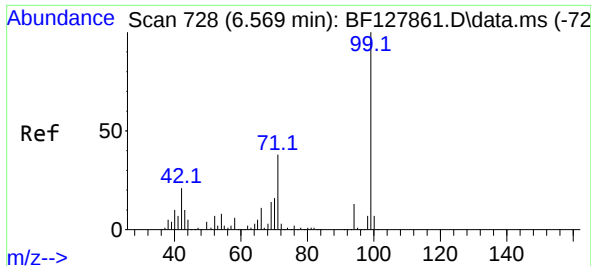
Tgt Ion:152 Resp: 73720
Ion Ratio Lower Upper
152 100
150 158.6 125.3 187.9
115 64.0 48.8 73.2



#5
2-Fluorophenol
Concen: 118.300 ng
RT: 5.539 min Scan# 553
Delta R.T. -0.000 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:112 Resp: 547536
Ion Ratio Lower Upper
112 100
64 64.0 49.5 74.3
63 35.1 26.3 39.5

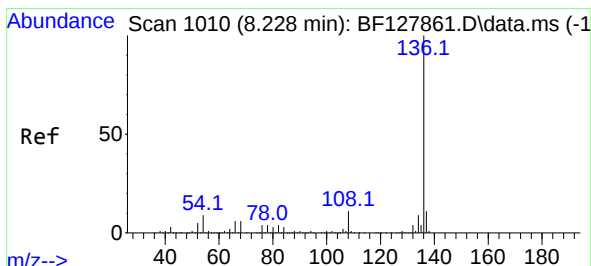
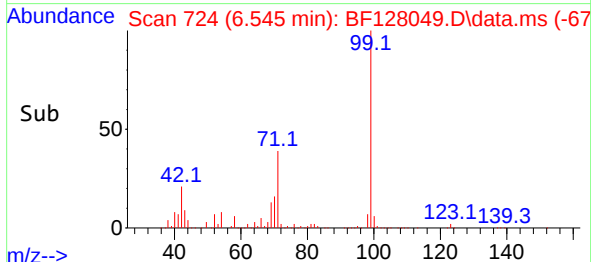
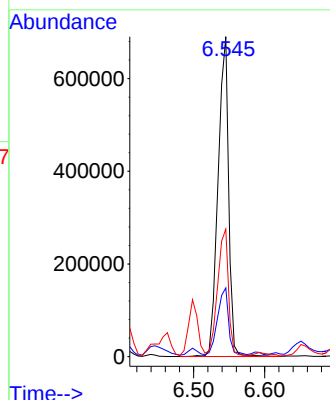
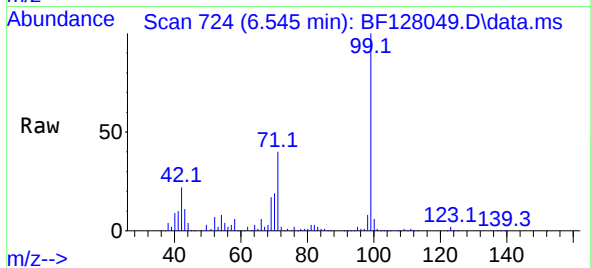




#7
Phenol-d6
Concen: 118.638 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

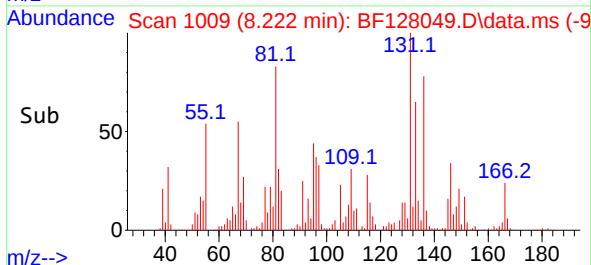
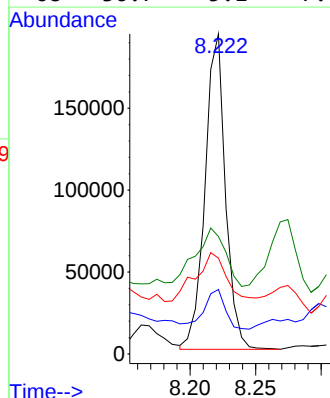
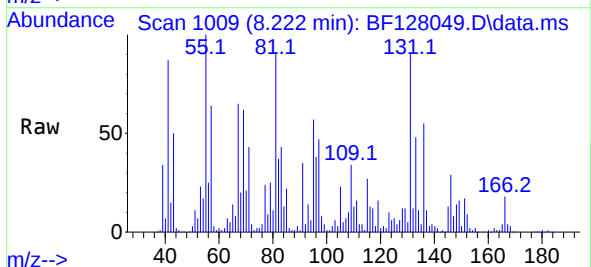
Instrument :
BNA_F
ClientSampleId :
S-6

Tgt Ion: 99 Resp: 712498
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 39.8 30.0 45.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. 0.017 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion: 136 Resp: 209311
Ion Ratio Lower Upper
136 100
137 20.2 8.6 13.0#
54 30.0 6.8 10.2#
68 36.7 5.1 7.7#

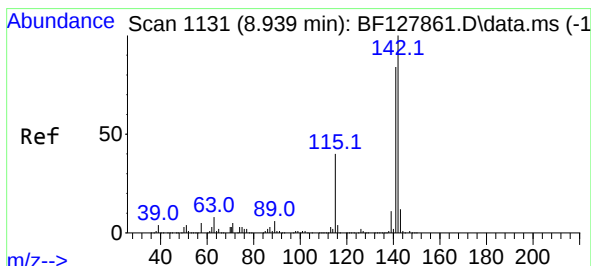
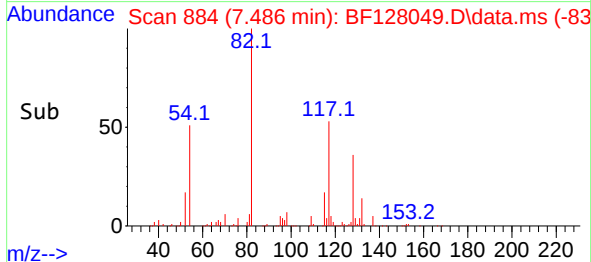
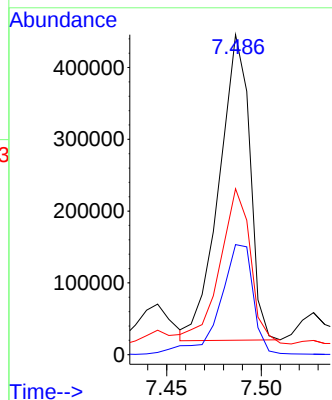
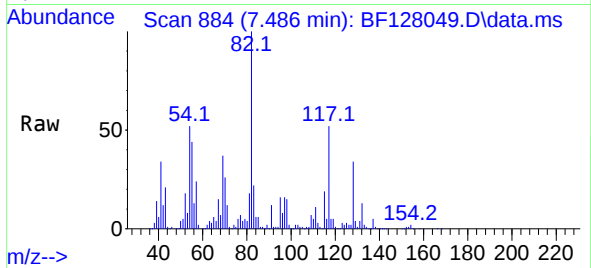




#23
Nitrobenzene-d5
Concen: 107.889 ng
RT: 7.486 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

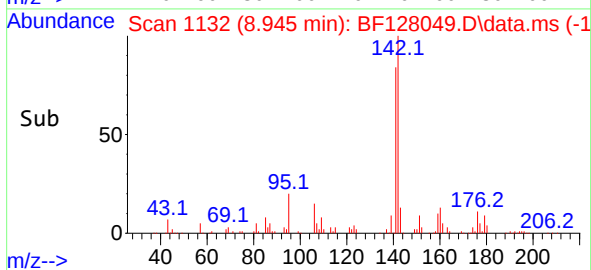
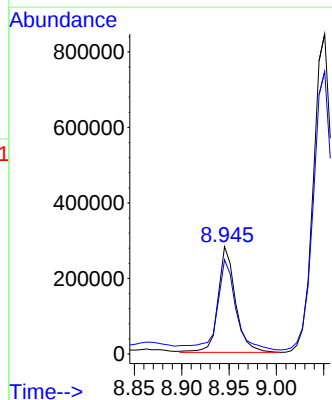
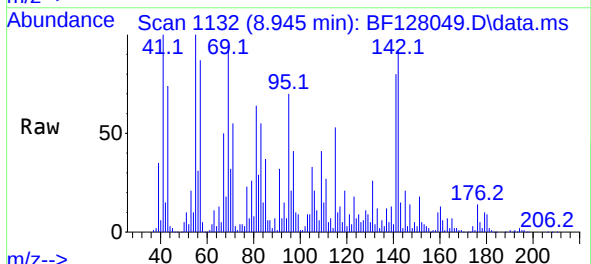
Instrument :
BNA_F
ClientSampleId :
S-6

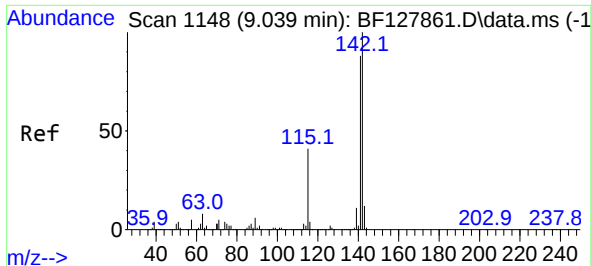
Tgt Ion: 82 Resp: 480228
Ion Ratio Lower Upper
82 100
128 34.4 30.0 45.0
54 51.8 41.3 61.9



#37
2-Methylnaphthalene
Concen: 50.898 ng
RT: 8.945 min Scan# 1132
Delta R.T. 0.029 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:142 Resp: 358602
Ion Ratio Lower Upper
142 100
141 87.8 67.4 101.2

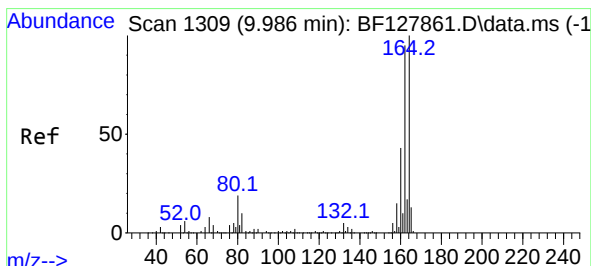
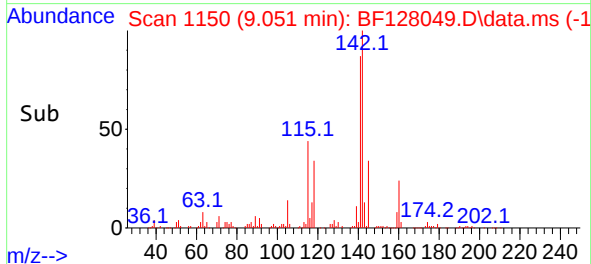
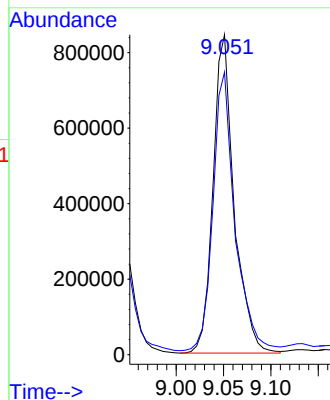
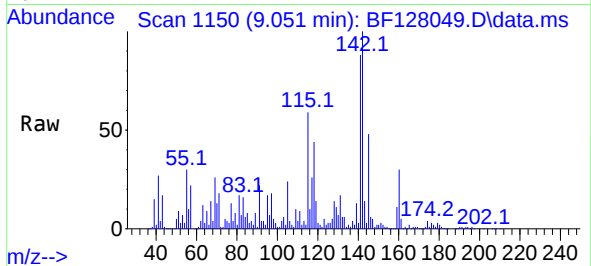




#38
1-Methylnaphthalene
Concen: 190.627 ng
RT: 9.051 min Scan# 1148
Delta R.T. 0.035 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

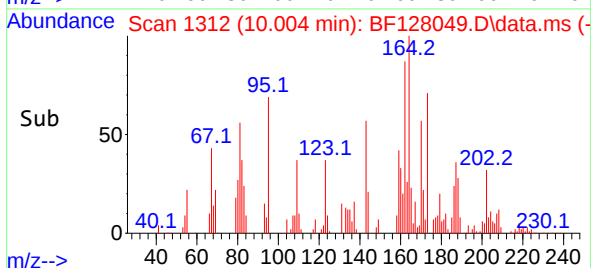
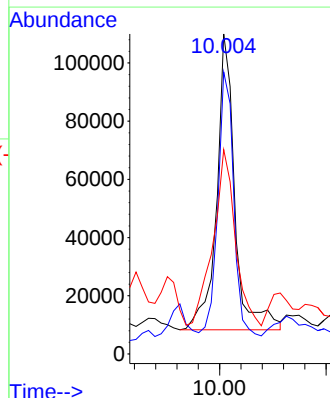
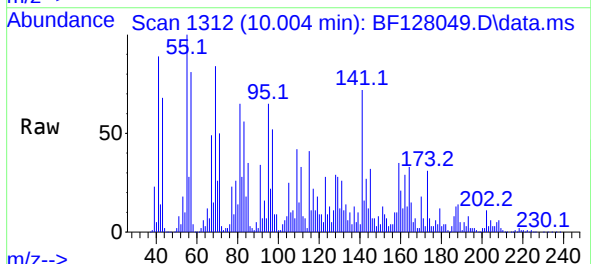
Instrument :
BNA_F
ClientSampleId :
S-6

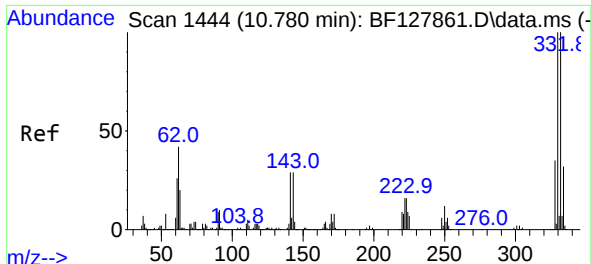
Tgt Ion:142 Resp: 1305434
Ion Ratio Lower Upper
142 100
141 88.3 70.1 105.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.041 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:164 Resp: 120174
Ion Ratio Lower Upper
164 100
162 88.1 76.0 114.0
160 63.8 34.8 52.2#





#42

2,4,6-Tribromophenol

Concen: 105.718 ng

RT: 10.804 min Scan# 1444

Delta R.T. 0.047 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

Instrument :

BNA_F

ClientSampleId :

S-6

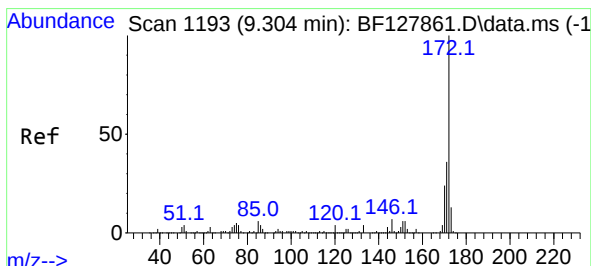
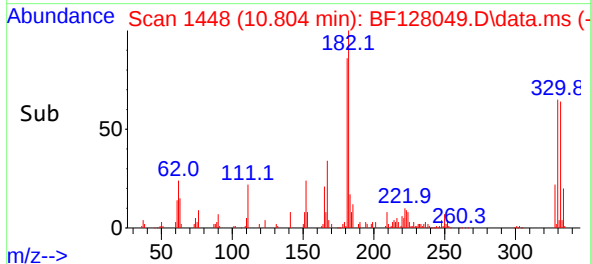
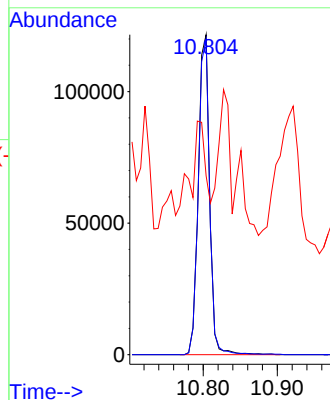
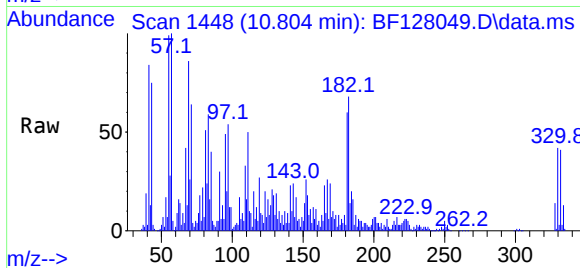
Tgt Ion:330 Resp: 127893

Ion Ratio Lower Upper

330 100

332 98.5 79.0 118.4

141 36.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 77.431 ng

RT: 9.304 min Scan# 1193

Delta R.T. 0.023 min

Lab File: BF128049.D

Acq: 03 May 2022 16:49

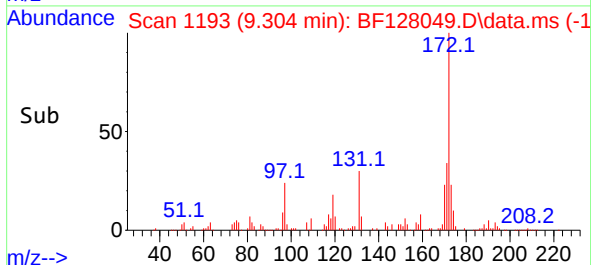
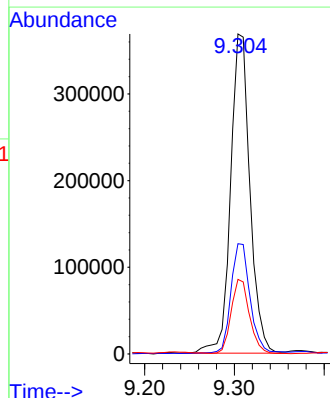
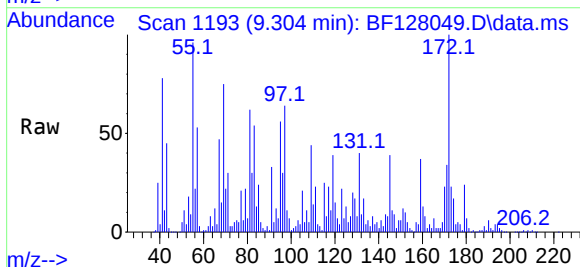
Tgt Ion:172 Resp: 550039

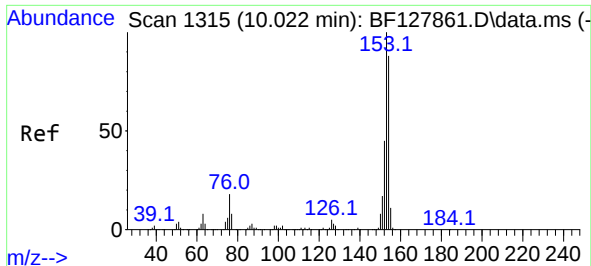
Ion Ratio Lower Upper

172 100

171 34.5 28.6 42.8

170 23.3 19.1 28.7

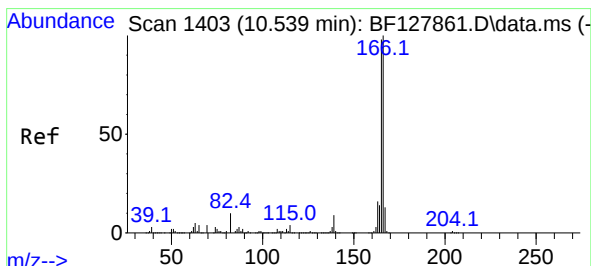
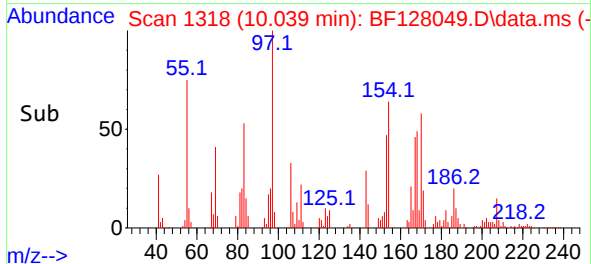
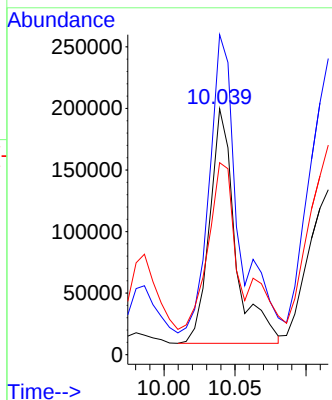
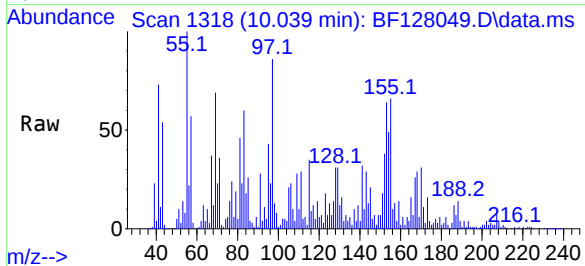




#52
Acenaphthene
Concen: 34.683 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.041 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

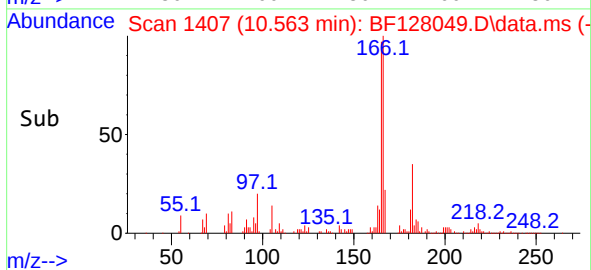
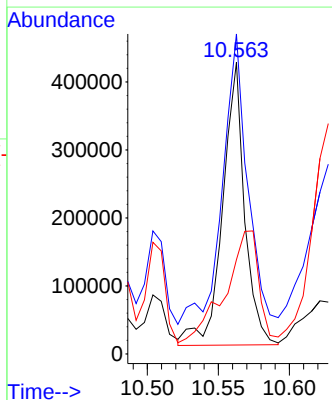
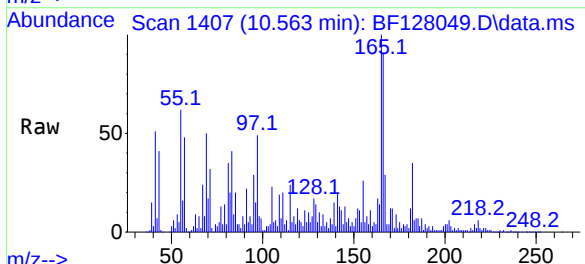
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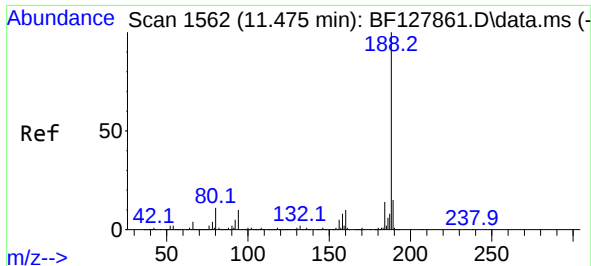
Tgt Ion:154 Resp: 241709
Ion Ratio Lower Upper
154 100
153 130.2 90.5 135.7
152 78.1 41.0 61.6#



#58
Fluorene
Concen: 59.726 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.047 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:166 Resp: 448113
Ion Ratio Lower Upper
166 100
165 109.7 78.6 117.8
167 32.3 10.5 15.7#

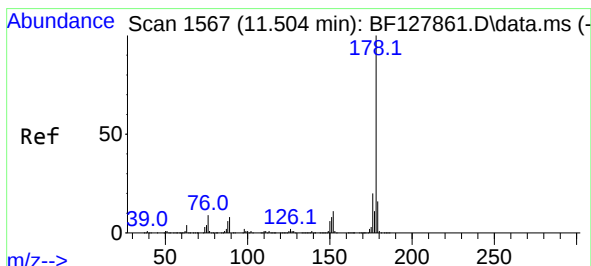
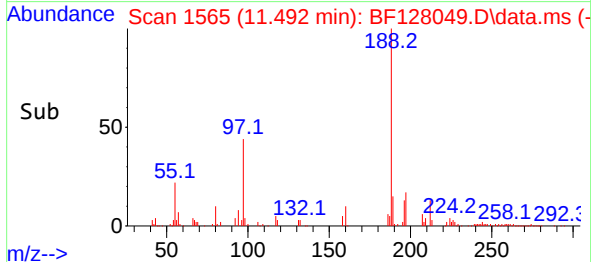
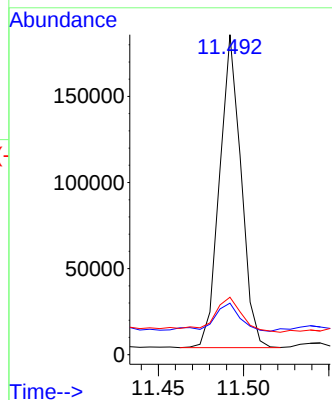
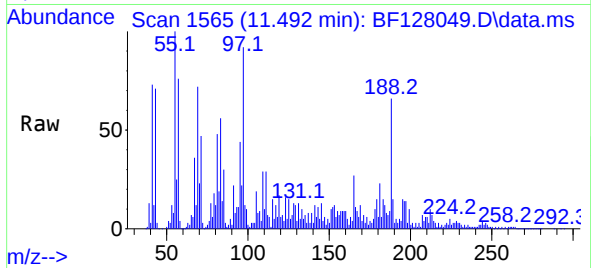




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1565
Delta R.T. 0.035 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

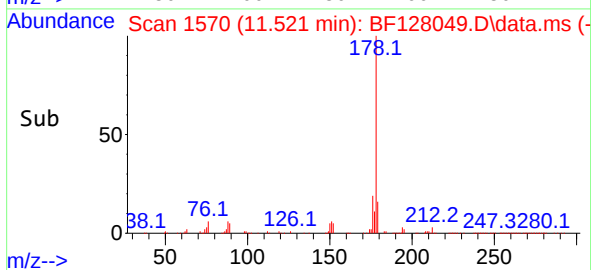
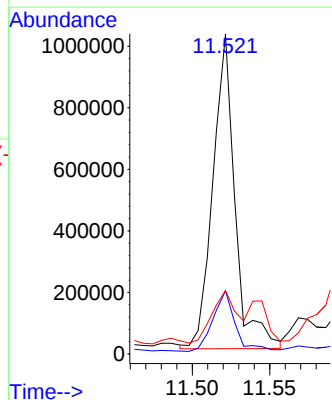
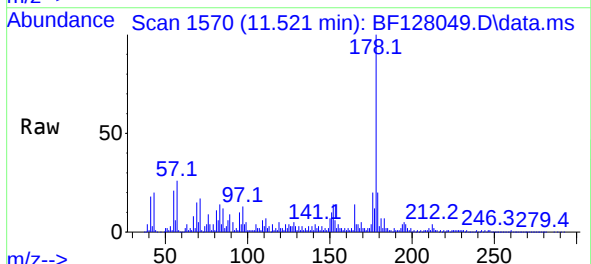
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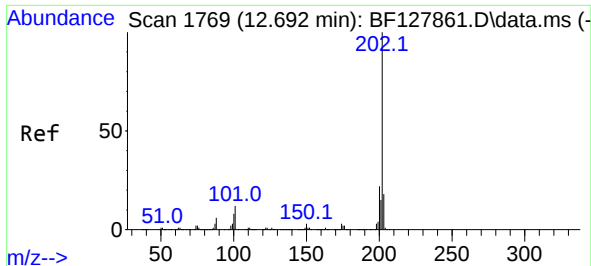
Tgt Ion:188 Resp: 159114
Ion Ratio Lower Upper
188 100
94 16.1 8.0 12.0#
80 18.0 8.9 13.3#



#71
Phenanthrene
Concen: 122.172 ng
RT: 11.521 min Scan# 1570
Delta R.T. 0.041 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:178 Resp: 1017556
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 19.9 12.6 19.0#

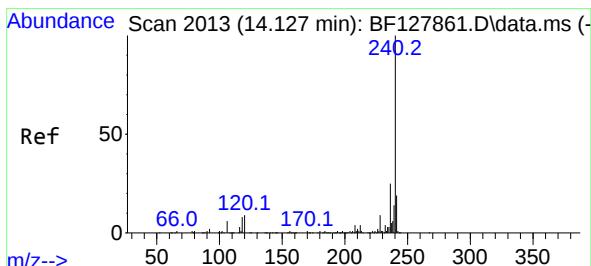
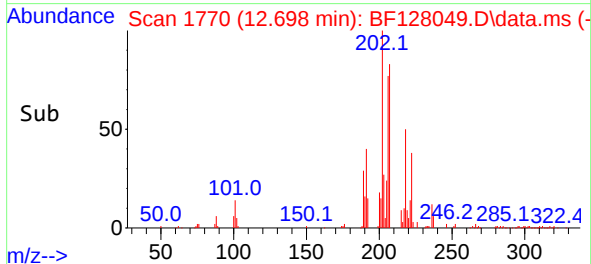
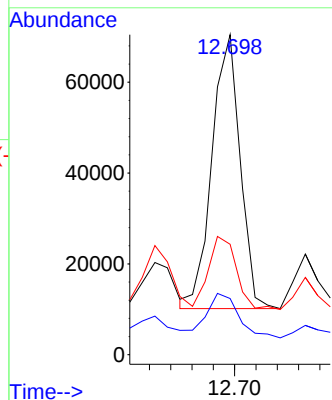
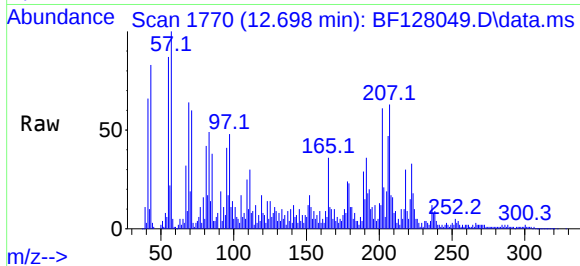




#75
Fluoranthene
Concen: 6.307 ng
RT: 12.698 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

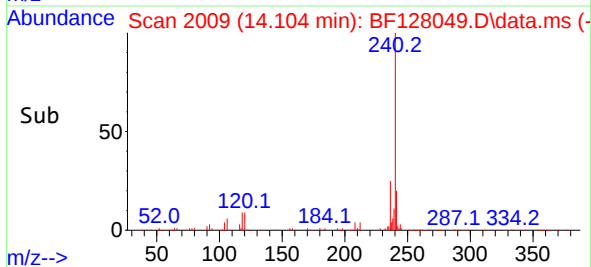
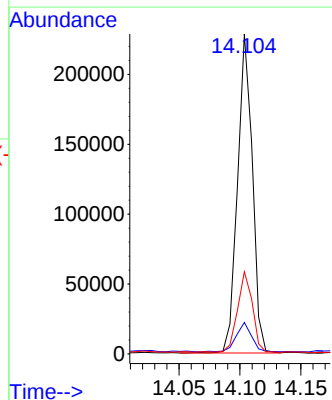
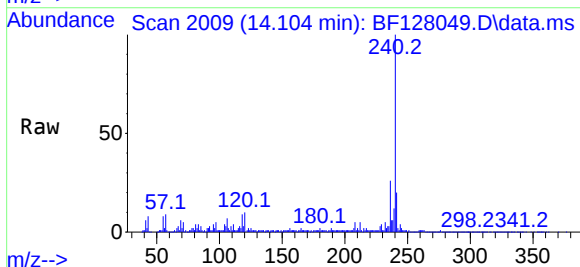
Instrument :
BNA_F
ClientSampleId :
S-6

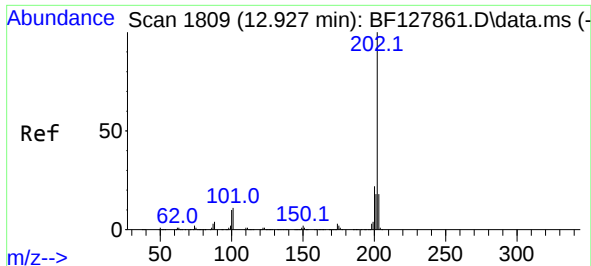
Tgt Ion:202 Resp: 55284
Ion Ratio Lower Upper
202 100
101 17.6 0.0 31.6
203 34.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

Tgt Ion:240 Resp: 192778
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 25.7 20.3 30.5

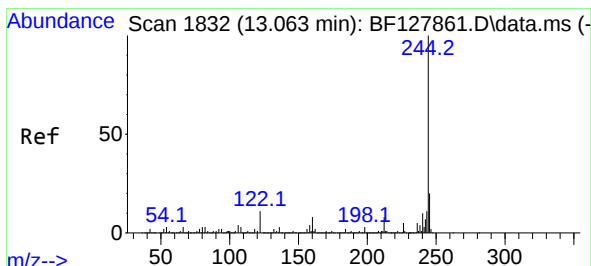
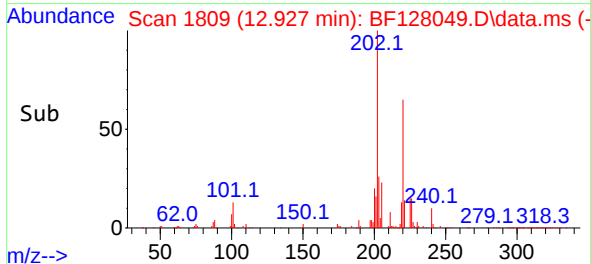
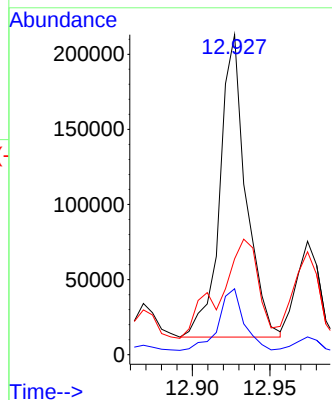
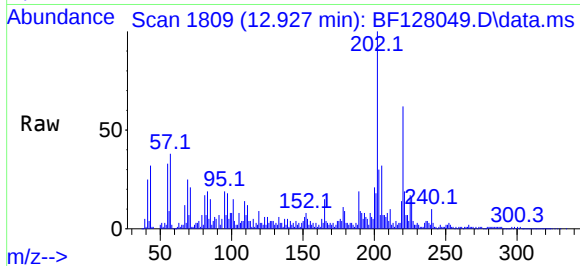




#78
Pyrene
Concen: 15.157 ng
RT: 12.927 min Scan# 1809
Delta R.T. 0.023 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

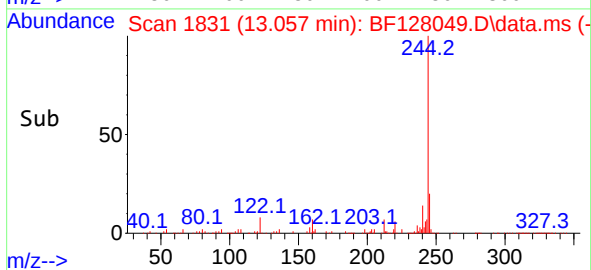
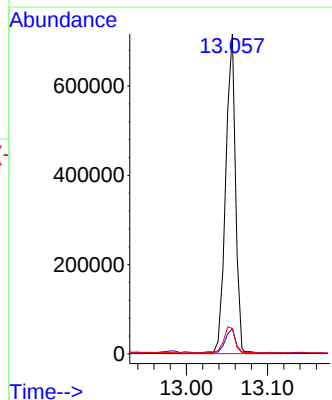
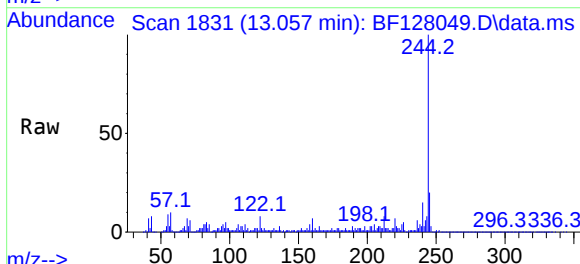
Instrument :
BNA_F
ClientSampleId :
S-6

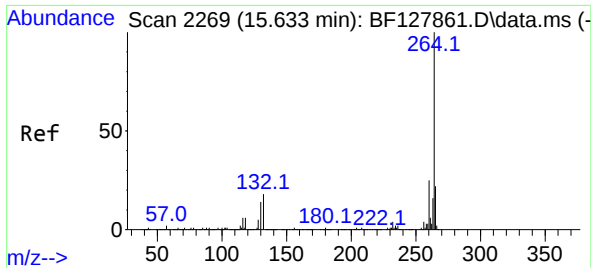
Tgt Ion:202 Resp: 235876
Ion Ratio Lower Upper
202 100
200 20.6 17.4 26.2
203 30.0 14.0 21.0#



#79
Terphenyl-d14
Concen: 57.435 ng
RT: 13.057 min Scan# 1831
Delta R.T. 0.012 min
Lab File: BF128049.D
Acq: 03 May 2022 16:49

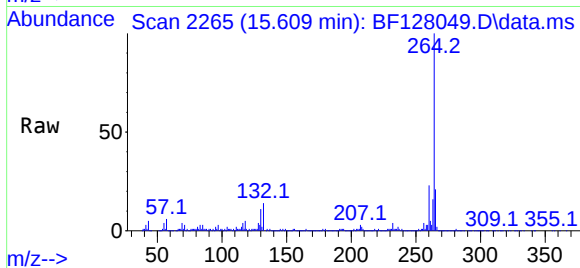
Tgt Ion:244 Resp: 605515
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.4
122 8.0 8.6 12.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.609 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF128049.D
 Acq: 03 May 2022 16:49

Instrument :
 BNA_F
 ClientSampleId :
 S-6



Tgt Ion:264 Resp: 211426
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 21.3 17.5 26.3

