

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128912.D
 Acq On : 21 Jun 2022 22:24
 Operator : CG\JU
 Sample : N3373-08DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-6WDL

Quant Time: Jun 22 01:56:23 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)

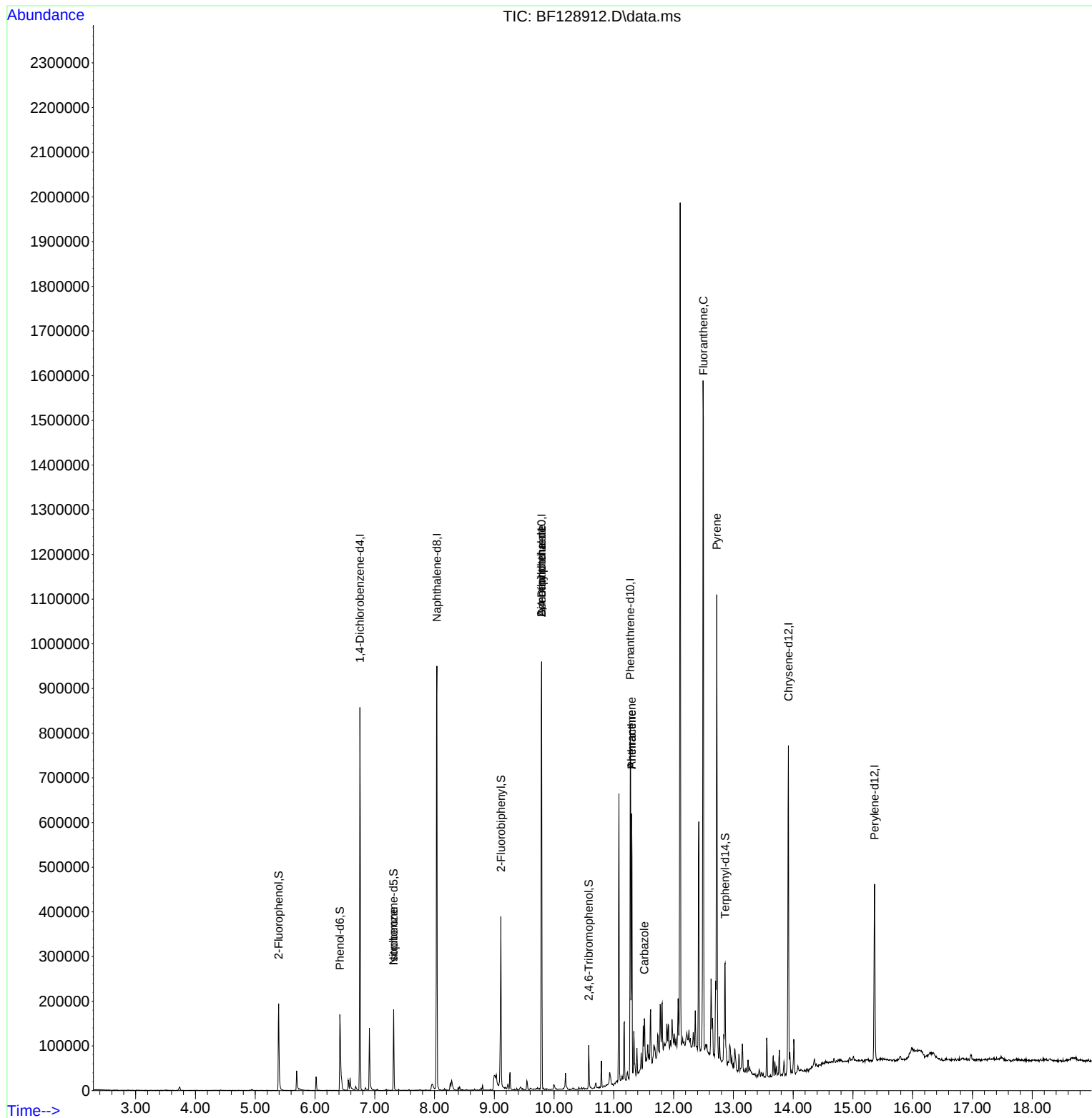
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	108593	20.00	ng	0.00
21) Naphthalene-d8	8.039	136	390316	20.00	ng	# 0.00
39) Acenaphthene-d10	9.792	164	186239	20.00	ng	0.00
64) Phenanthrene-d10	11.274	188	281738	20.00	ng	0.00
76) Chrysene-d12	13.921	240	239979	20.00	ng	# 0.00
86) Perylene-d12	15.362	264	168344	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	50245	7.37	ng	0.00
7) Phenol-d6	6.416	99	62363	7.49	ng	0.00
23) Nitrobenzene-d5	7.316	82	45326	5.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	10099	4.59	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	85845	6.46	ng	0.00
79) Terphenyl-d14	12.863	244	73083	5.29	ng	0.00
Target Compounds						
25) Isophorone	7.316	82	45325	3.56	ng	# 65
50) Dimethylphthalate	9.792	163	35584	2.79	ng	# 1
57) 2,4-Dinitrotoluene	9.792	165	23982	7.14	ng	# 22
71) Phenanthrene	11.298	178	201456	14.26	ng	98
72) Anthracene	11.298	178	201456	14.40	ng	99
73) Carbazole	11.510	167	36992	2.85	ng	99
75) Fluoranthene	12.498	202	624925	42.31	ng	94
78) Pyrene	12.721	202	372257	20.85	ng	98

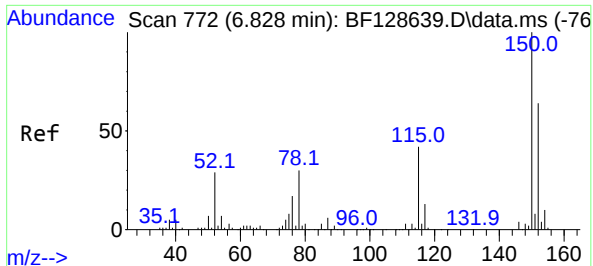
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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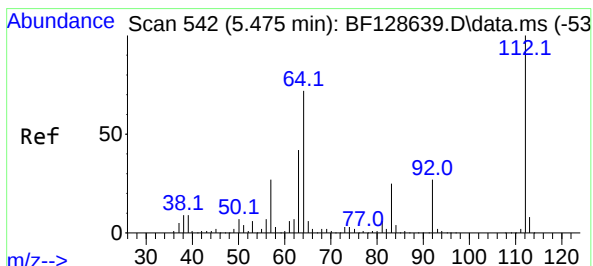
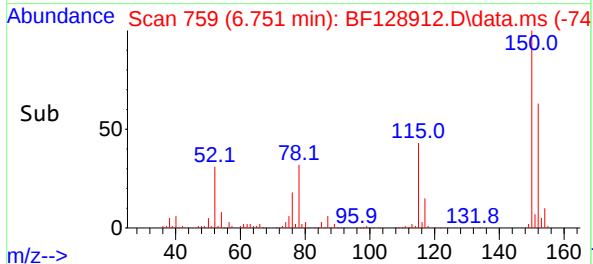
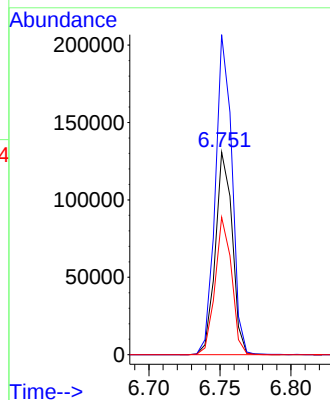
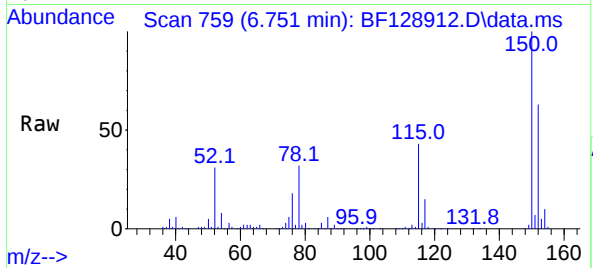




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

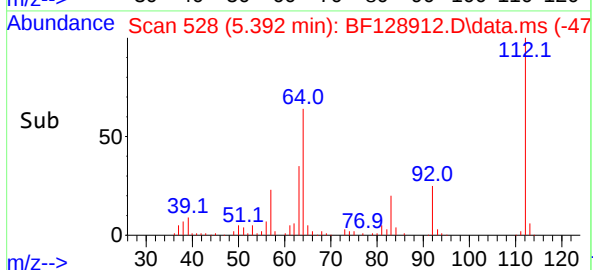
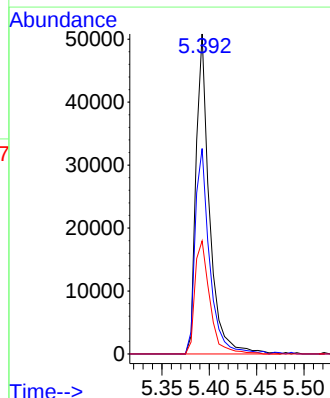
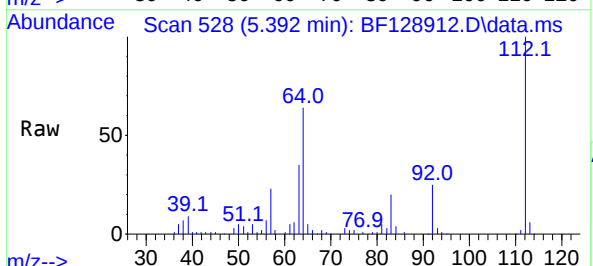
Instrument :
BNA_F
ClientSampleId :
SC-6WDL

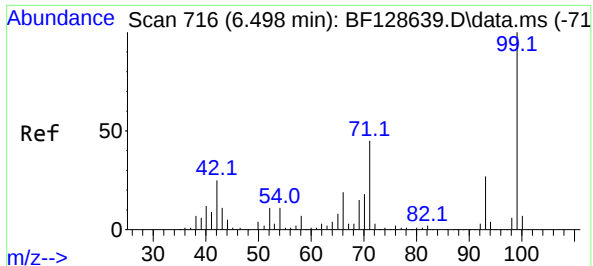
Tgt Ion:152 Resp: 108593
Ion Ratio Lower Upper
152 100
150 158.0 123.7 185.5
115 67.9 49.9 74.9



#5
2-Fluorophenol
Concen: 7.37 ng
RT: 5.392 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

Tgt Ion:112 Resp: 50245
Ion Ratio Lower Upper
112 100
64 64.2 53.3 79.9
63 35.3 28.0 42.0

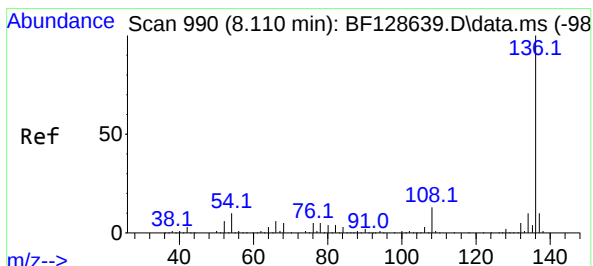
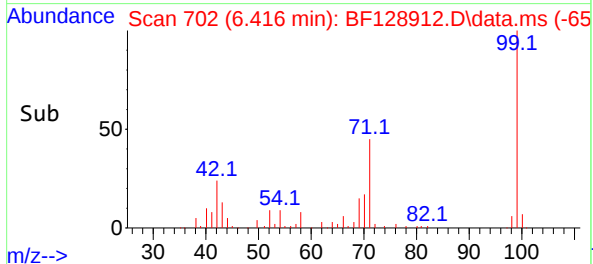
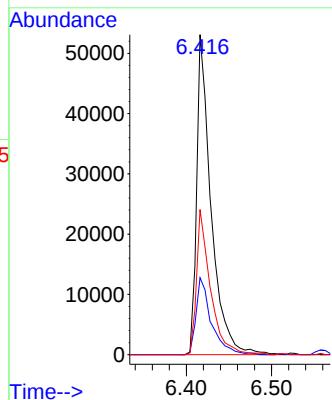
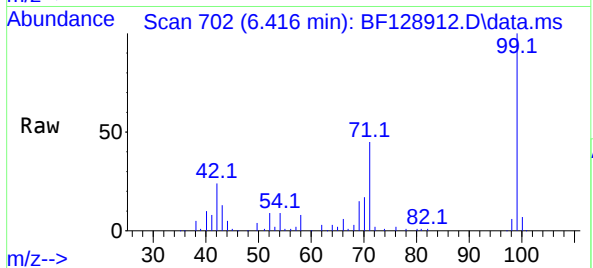




#7
Phenol-d6
Concen: 7.49 ng
RT: 6.416 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

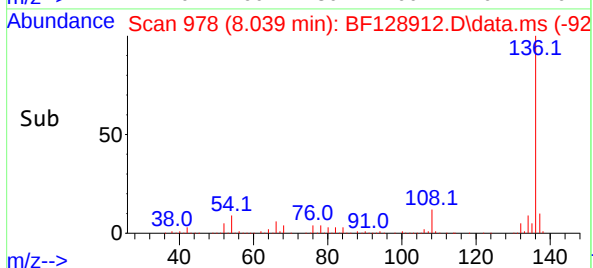
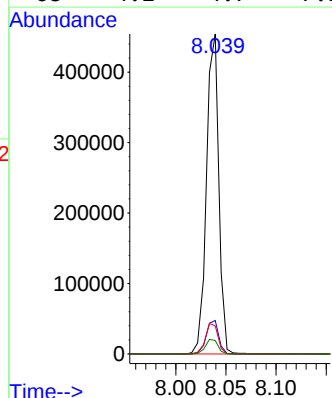
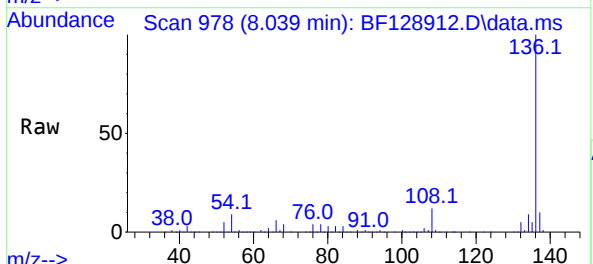
Instrument :
BNA_F
ClientSampleId :
SC-6WDL

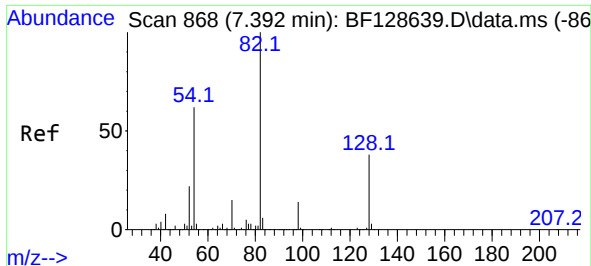
Tgt Ion: 99 Resp: 62363
Ion Ratio Lower Upper
99 100
42 24.0 17.3 25.9
71 45.3 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.039 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

Tgt Ion: 136 Resp: 390316
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.7 7.5 11.3
68 4.2 4.7 7.1#

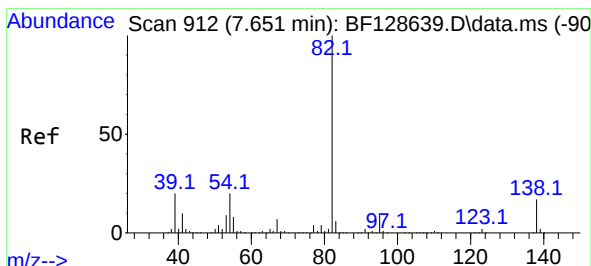
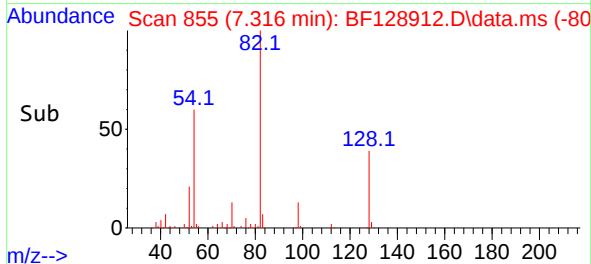
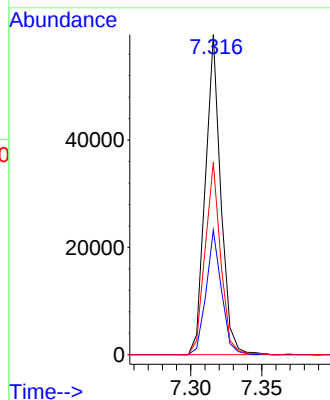
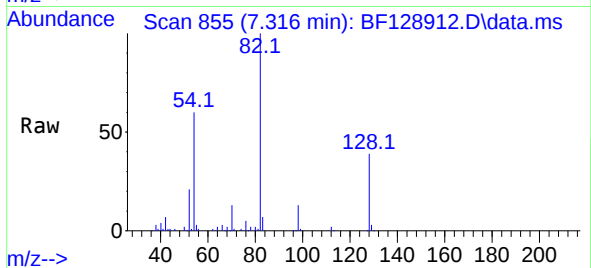




#23
Nitrobenzene-d5
Concen: 5.41 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.012 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

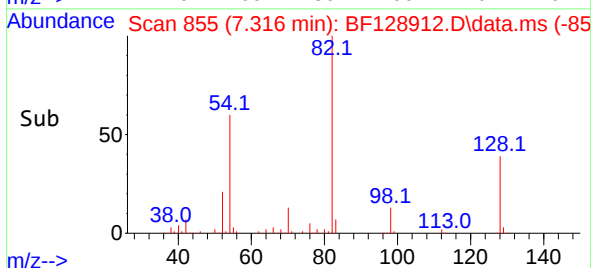
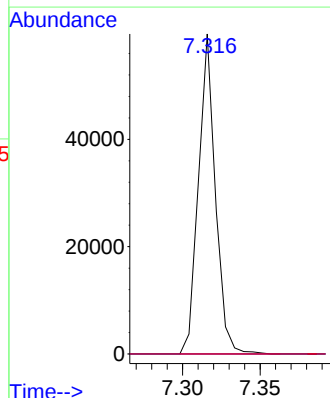
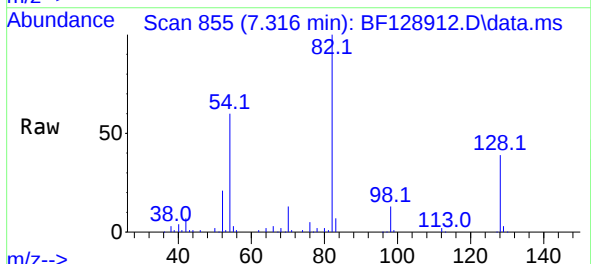
Instrument :
BNA_F
ClientSampleId :
SC-6WDL

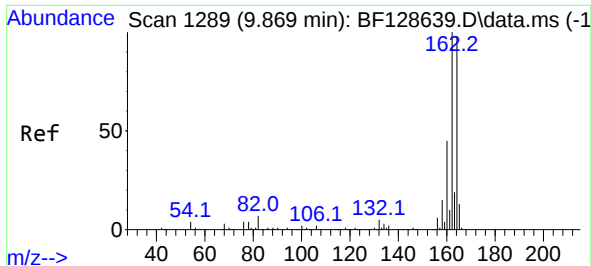
Tgt Ion: 82 Resp: 45326
Ion Ratio Lower Upper
82 100
128 38.9 34.0 51.0
54 60.1 46.9 70.3



#25
Isophorone
Concen: 3.56 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.271 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

Tgt Ion: 82 Resp: 45325
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#

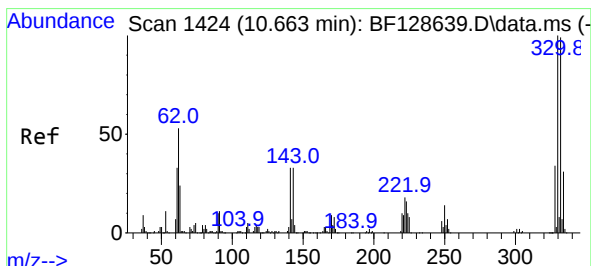
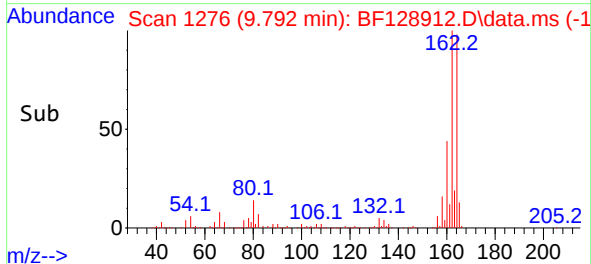
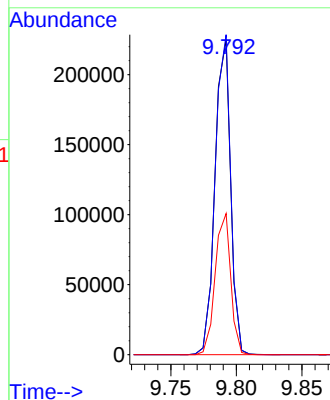
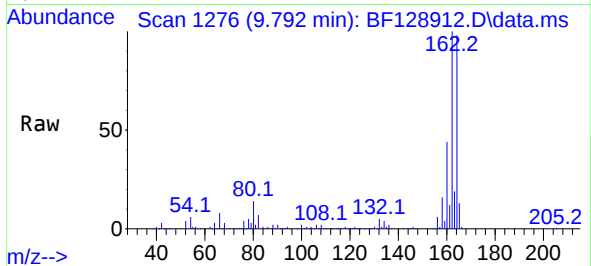




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

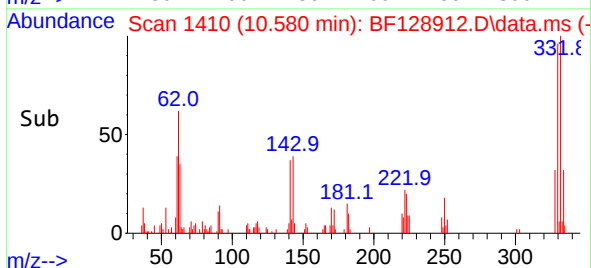
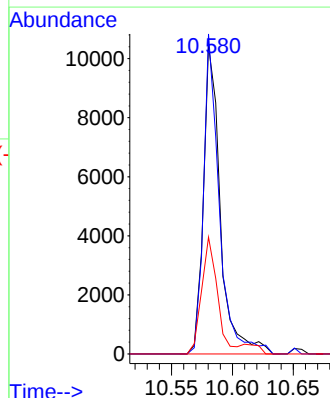
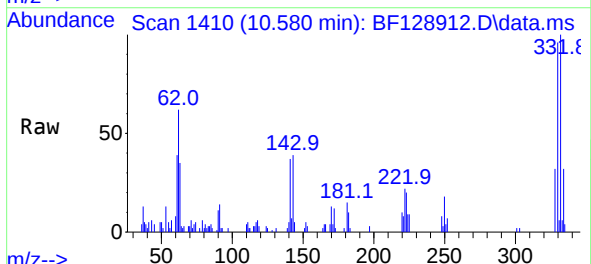
Instrument :
BNA_F
ClientSampleId :
SC-6WDL

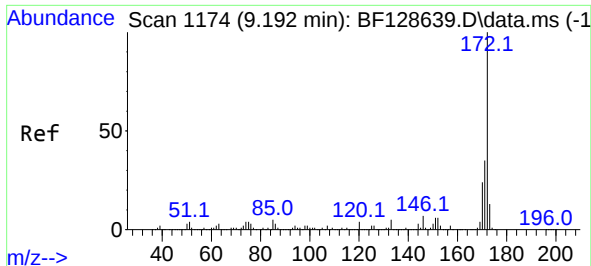
Tgt Ion:164 Resp: 186239
Ion Ratio Lower Upper
164 100
162 101.6 79.5 119.3
160 44.8 34.2 51.4



#42
2,4,6-Tribromophenol
Concen: 4.59 ng
RT: 10.580 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

Tgt Ion:330 Resp: 10099
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 35.5 28.0 42.0

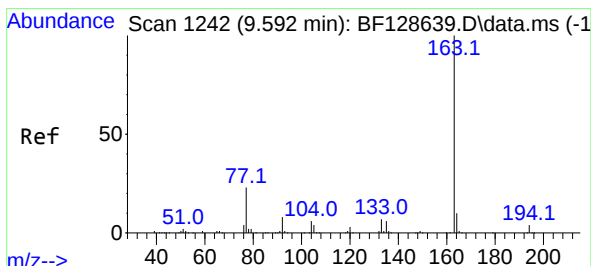
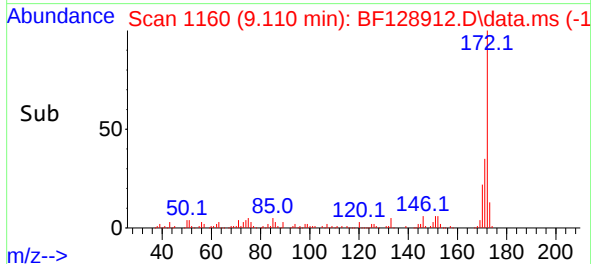
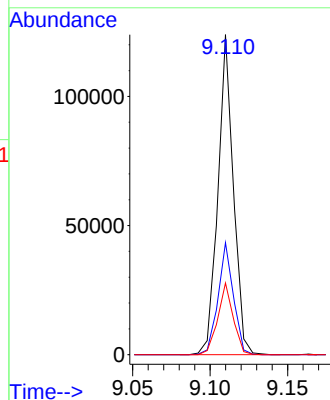
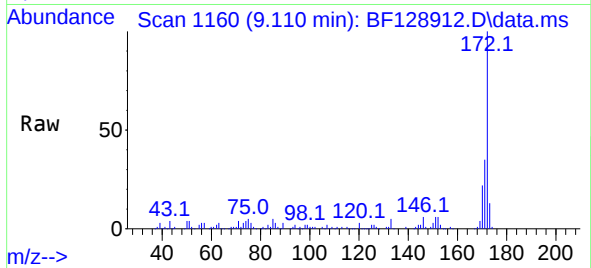




#45
2-Fluorobiphenyl
Concen: 6.46 ng
RT: 9.110 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

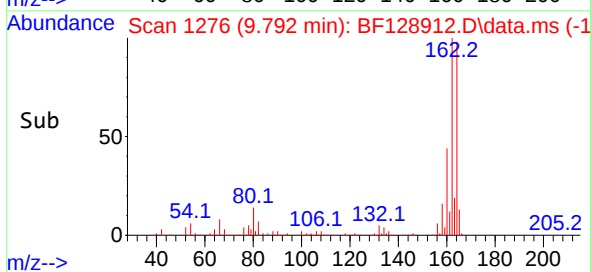
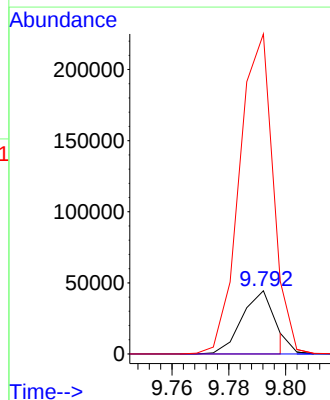
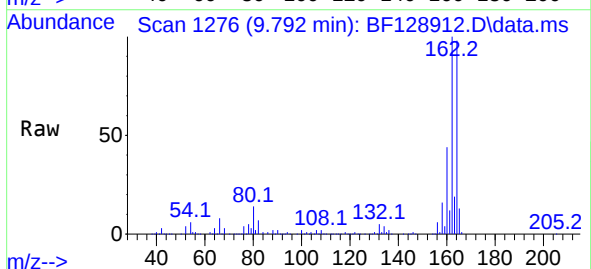
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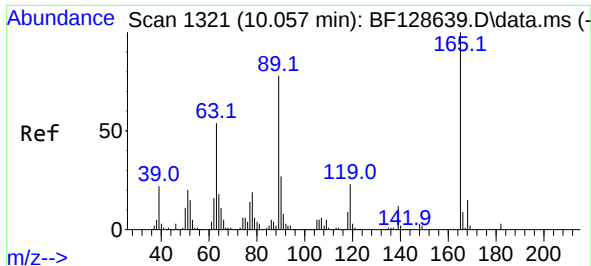
Tgt Ion:172 Resp: 85845
Ion Ratio Lower Upper
172 100
171 35.0 28.8 43.2
170 22.4 19.8 29.8



#50
Dimethylphthalate
Concen: 2.79 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.271 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

Tgt Ion:163 Resp: 35584
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 506.1 8.2 12.2#

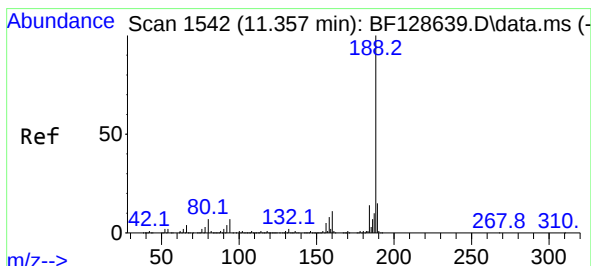
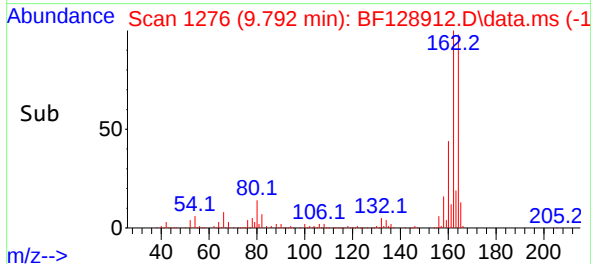
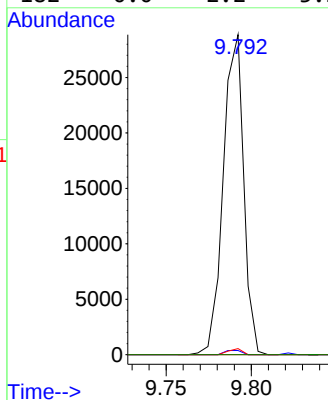
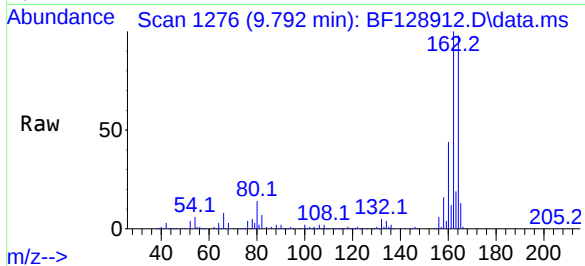




#57
2,4-Dinitrotoluene
Concen: 7.14 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

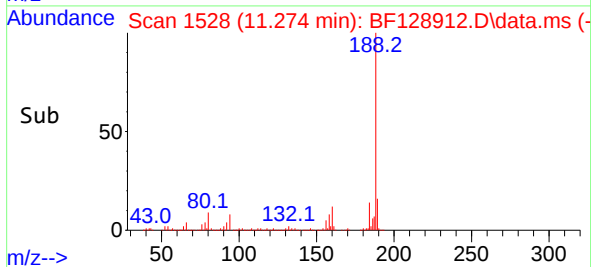
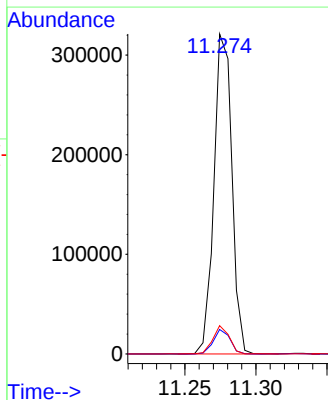
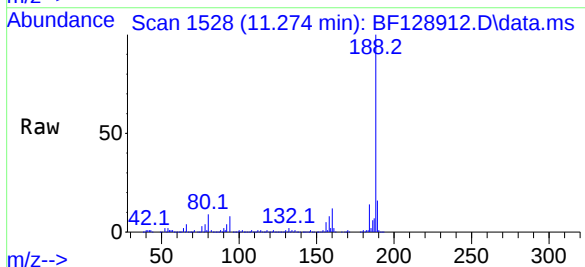
Instrument :
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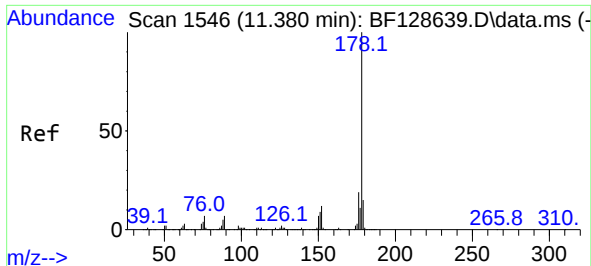
Tgt Ion:165 Resp: 23982
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.9 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.274 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

Tgt Ion:188 Resp: 281738
Ion Ratio Lower Upper
188 100
94 7.6 7.0 10.6
80 8.8 7.6 11.4

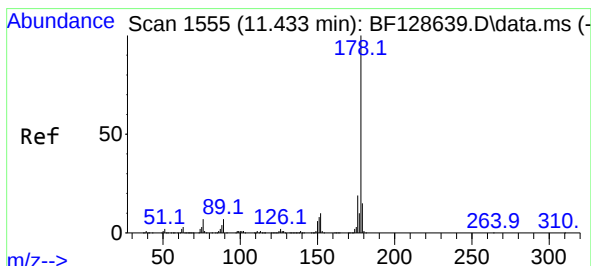
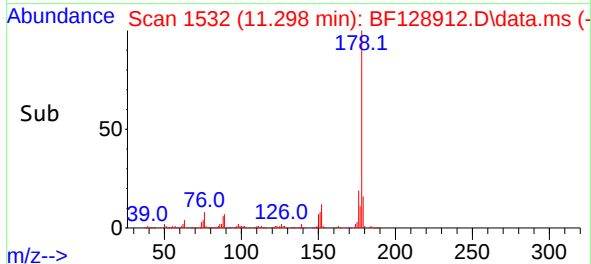
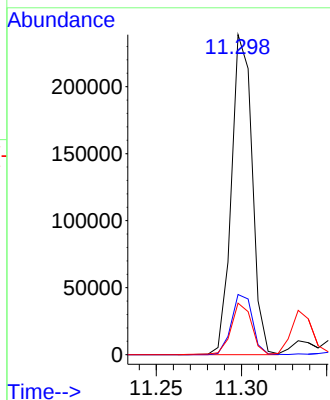
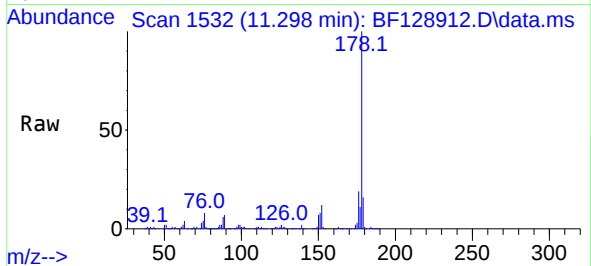




#71
Phenanthrene
Concen: 14.26 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.012 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

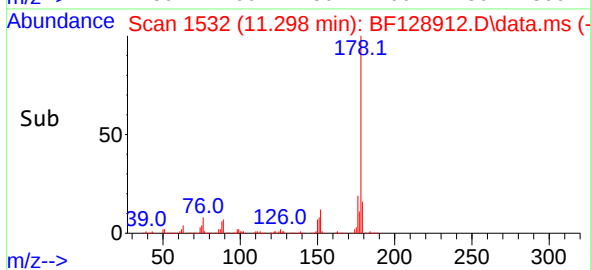
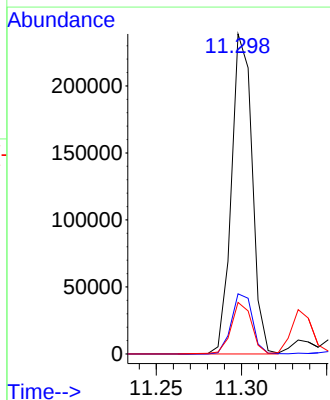
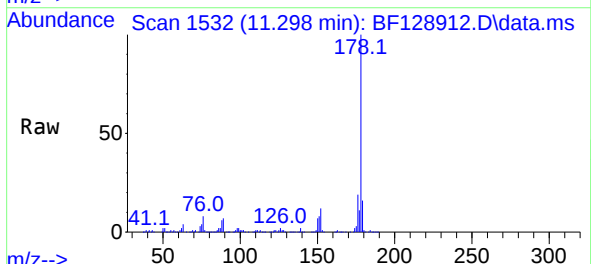
Instrument :
BNA_F
ClientSampleId :
SC-6WDL

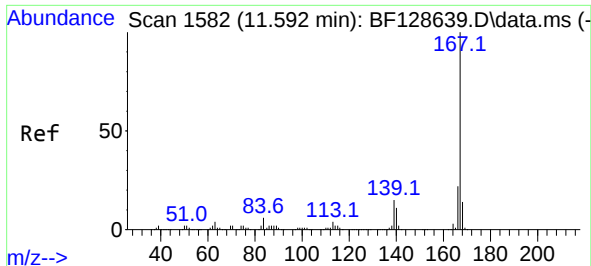
Tgt Ion:178 Resp: 201456
Ion Ratio Lower Upper
178 100
176 18.8 16.0 24.0
179 16.1 12.6 19.0



#72
Anthracene
Concen: 14.40 ng
RT: 11.298 min Scan# 1532
Delta R.T. -0.059 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

Tgt Ion:178 Resp: 201456
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 16.1 12.6 19.0

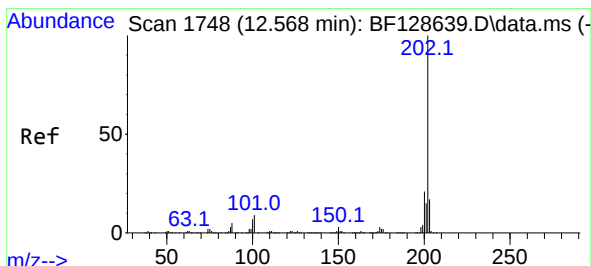
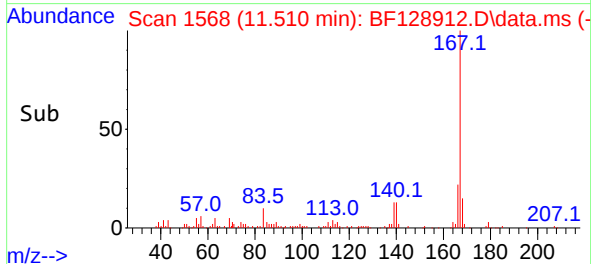
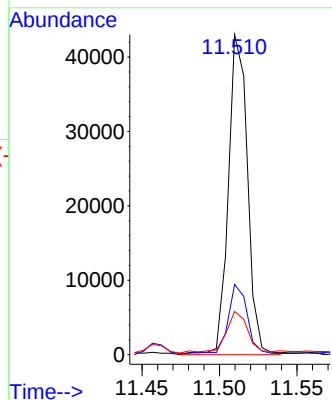
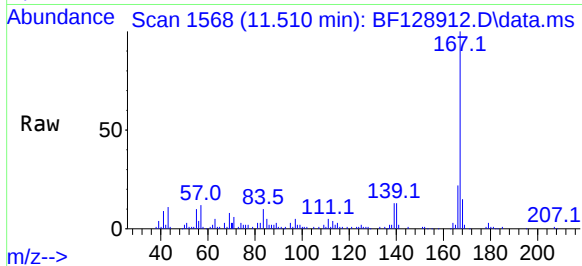




#73
 Carbazole
 Concen: 2.85 ng
 RT: 11.510 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128912.D
 Acq: 21 Jun 2022 22:24

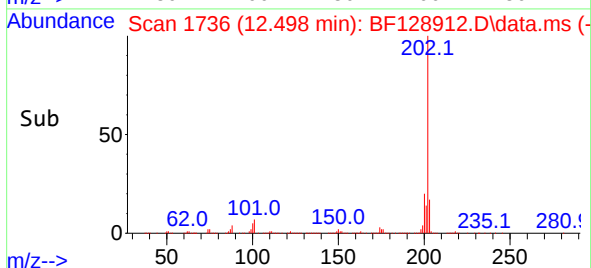
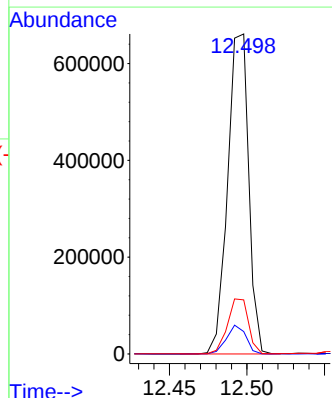
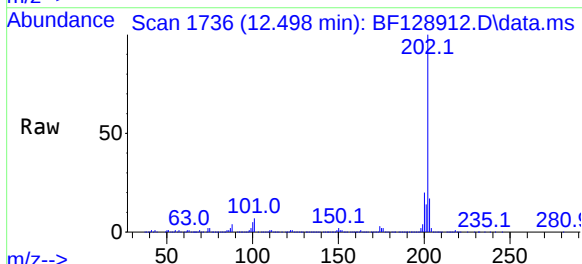
Instrument :
 BNA_F
 ClientSampleId :
 SC-6WDL

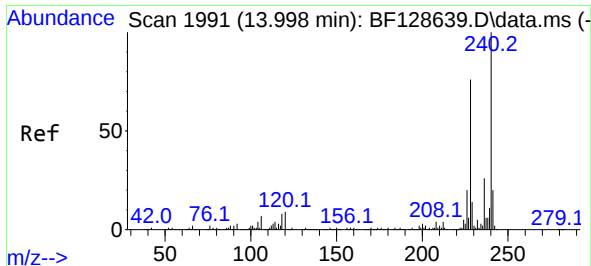
Tgt Ion:167 Resp: 36992
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 13.5 11.2 16.8



#75
 Fluoranthene
 Concen: 42.31 ng
 RT: 12.498 min Scan# 1736
 Delta R.T. -0.000 min
 Lab File: BF128912.D
 Acq: 21 Jun 2022 22:24

Tgt Ion:202 Resp: 624925
 Ion Ratio Lower Upper
 202 100
 101 7.0 0.0 31.4
 203 16.9 0.0 38.0

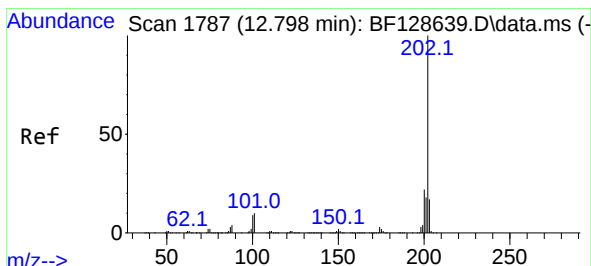
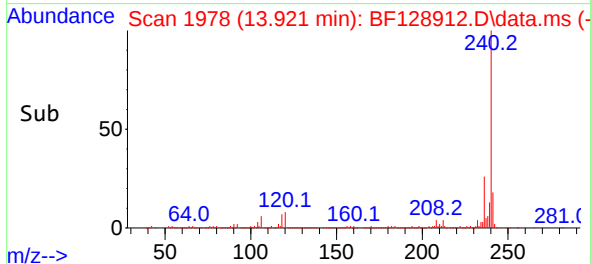
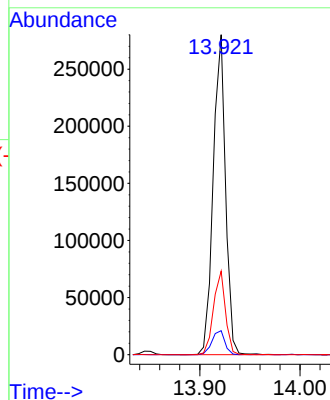
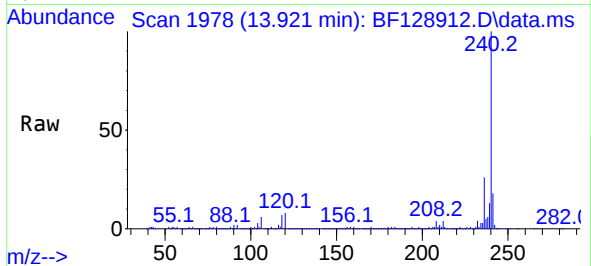




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.921 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

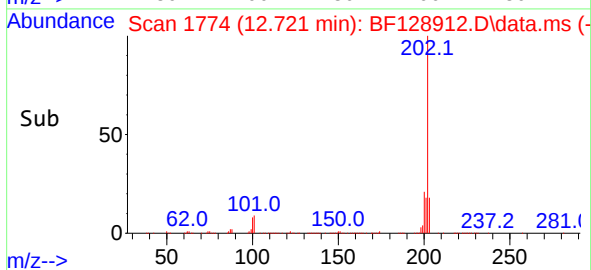
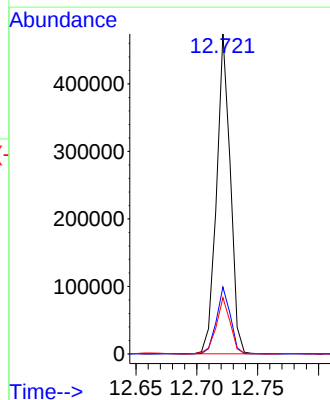
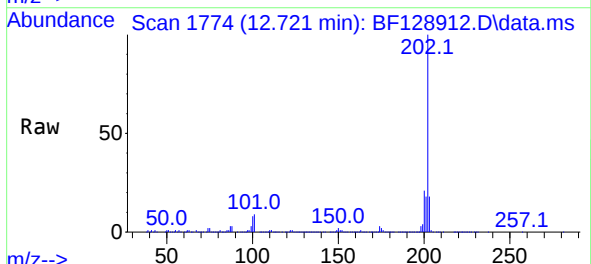
Instrument :
BNA_F
ClientSampleId :
SC-6WDL

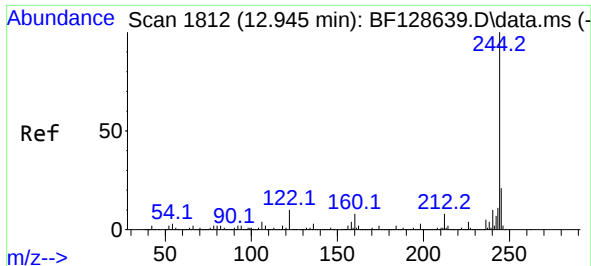
Tgt Ion:240 Resp: 239979
Ion Ratio Lower Upper
240 100
120 7.5 8.9 13.3#
236 26.1 20.8 31.2



#78
Pyrene
Concen: 20.85 ng
RT: 12.721 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF128912.D
Acq: 21 Jun 2022 22:24

Tgt Ion:202 Resp: 372257
Ion Ratio Lower Upper
202 100
200 20.9 17.7 26.5
203 17.6 14.6 21.8

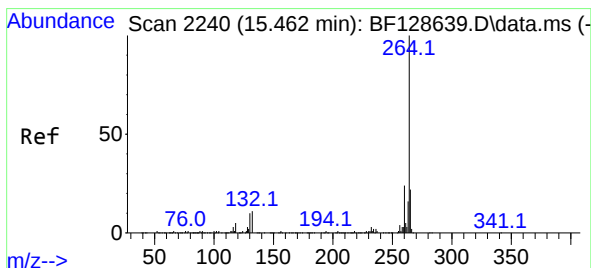
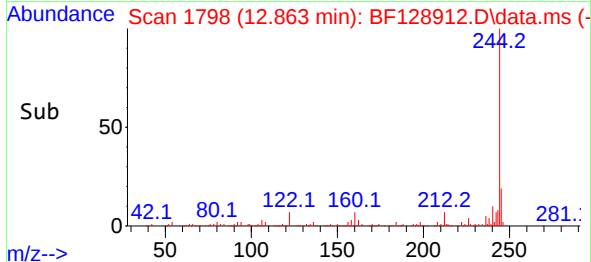
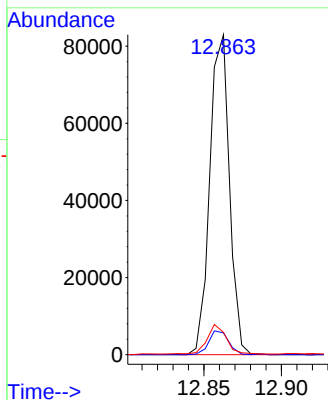
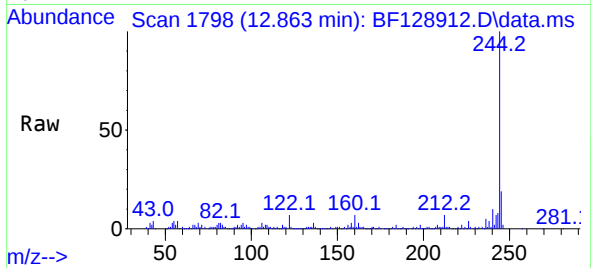




#79
 Terphenyl-d14
 Concen: 5.29 ng
 RT: 12.863 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128912.D
 Acq: 21 Jun 2022 22:24

Instrument :
 BNA_F
 ClientSampleId :
 SC-6WDL

Tgt Ion:244 Resp: 73083
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.1 9.1
 122 7.0 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.362 min Scan# 2223
 Delta R.T. -0.000 min
 Lab File: BF128912.D
 Acq: 21 Jun 2022 22:24

Tgt Ion:264 Resp: 168344
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 20.5 17.2 25.8

