

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128962.D
 Acq On : 23 Jun 2022 20:08
 Operator : CG\JU
 Sample : N3469-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

Quant Time: Jun 24 04:33:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

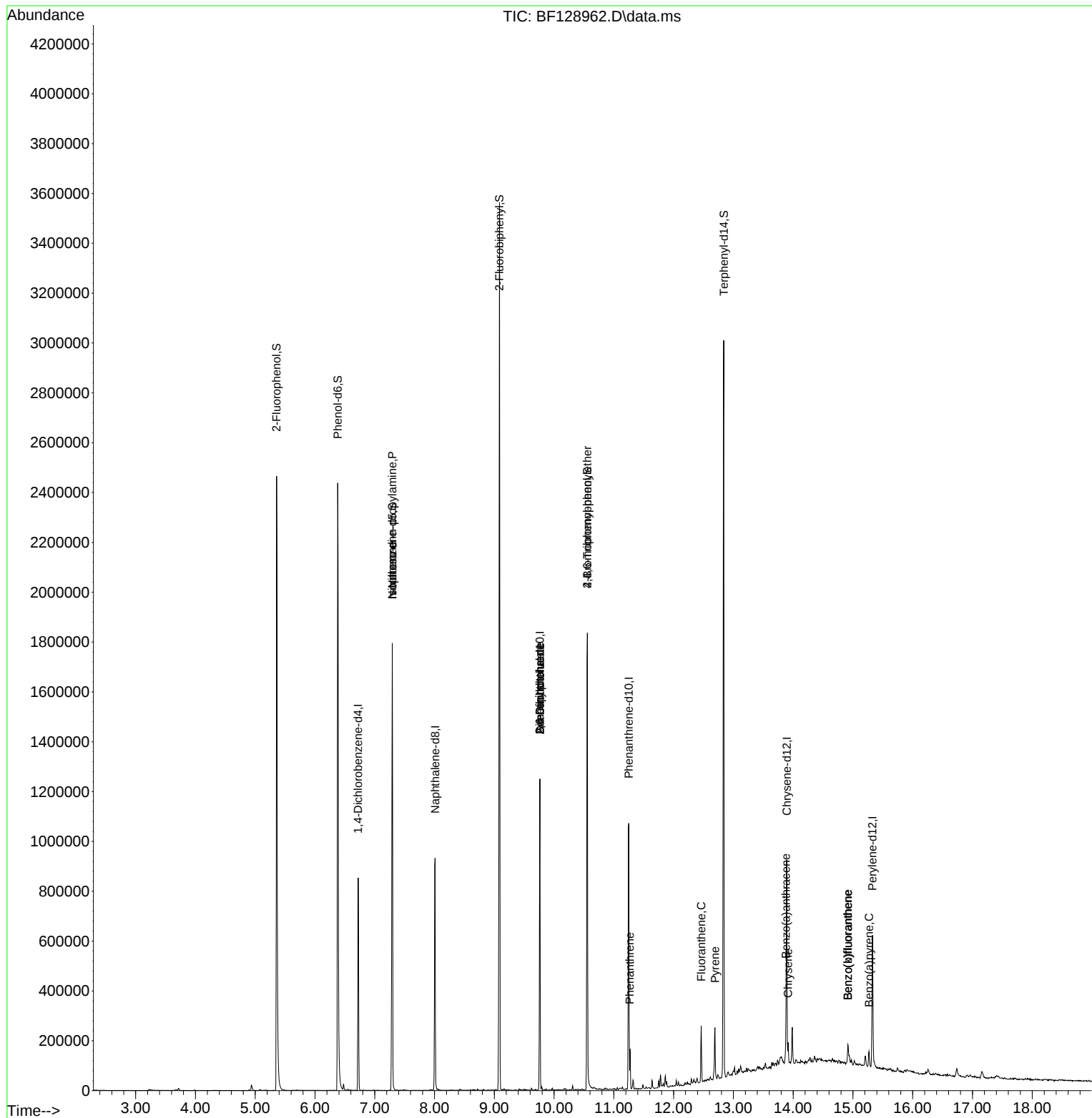
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	109897	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	417217	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	231182	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	415112	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	255356	20.000	ng	# 0.00
86) Perylene-d12	15.327	264	226206	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.357	112	637772	92.438	ng	0.00
7) Phenol-d6	6.381	99	787572	93.514	ng	0.00
23) Nitrobenzene-d5	7.292	82	560380	62.535	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	221790	81.196	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1049823	63.612	ng	0.00
79) Terphenyl-d14	12.839	244	1026646	69.861	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.292	70	79957	15.269	ng	# 80
25) Isophorone	7.292	82	547729	40.245	ng	# 65
50) Dimethylphthalate	9.763	163	42506	2.686	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	29250	9.365	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	29250	7.018	ng	# 21
67) 4-Bromophenyl-phenylether	10.557	248	15678	3.387	ng	# 1
71) Phenanthrene	11.269	178	57133	2.744	ng	99
75) Fluoranthene	12.463	202	84119	3.865	ng	96
78) Pyrene	12.692	202	87146	4.587	ng	95
81) Benzo(a)anthracene	13.880	228	37850	2.378	ng	99
83) Chrysene	13.916	228	31207	2.056	ng	98
88) Benzo(b)fluoranthene	14.915	252	50345	3.483	ng	99
89) Benzo(k)fluoranthene	14.915	252	50345	3.703	ng	99
90) Benzo(a)pyrene	15.268	252	27965	2.462	ng	100

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

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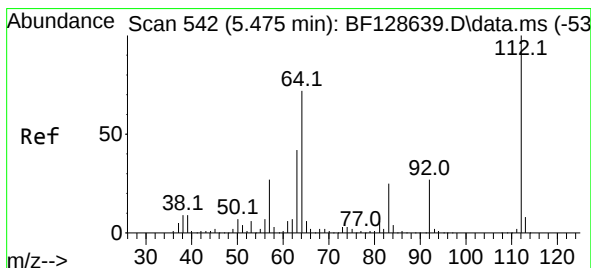
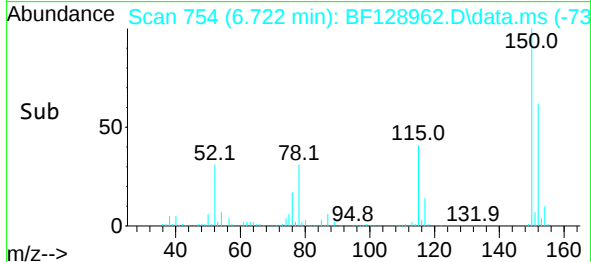
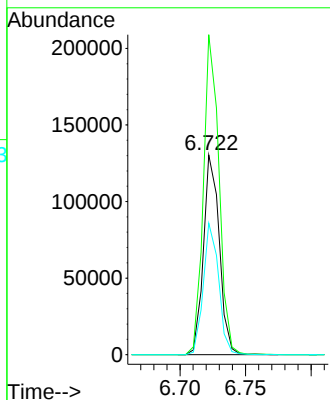
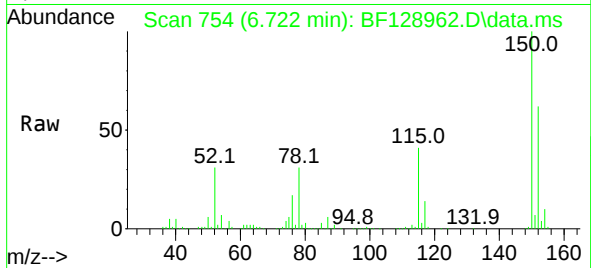




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

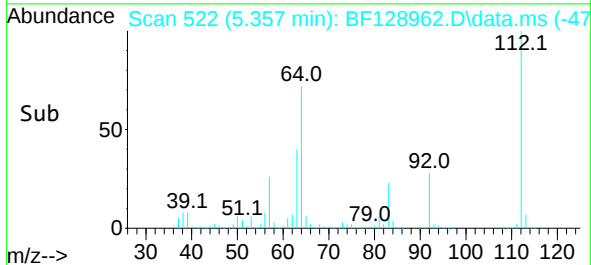
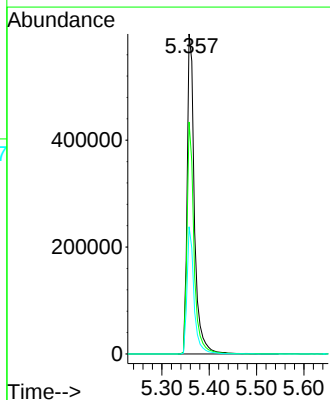
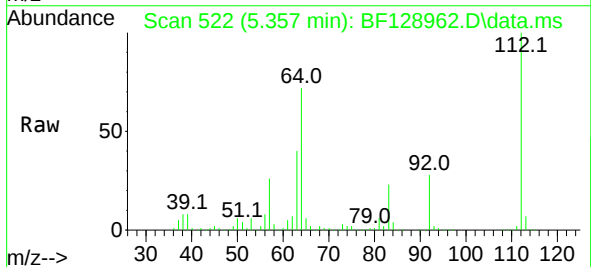
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

Tgt Ion:152 Resp: 109897
Ion Ratio Lower Upper
152 100
150 160.3 123.7 185.5
115 65.9 49.9 74.9



#5
2-Fluorophenol
Concen: 92.438 ng
RT: 5.357 min Scan# 522
Delta R.T. -0.000 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

Tgt Ion:112 Resp: 637772
Ion Ratio Lower Upper
112 100
64 72.5 53.3 79.9
63 39.7 28.0 42.0

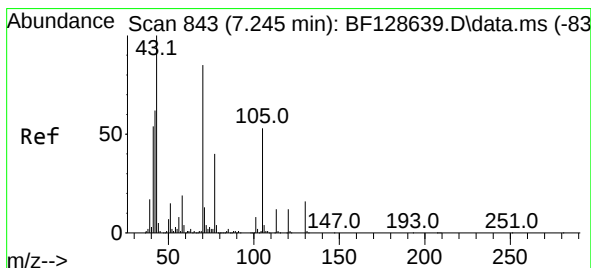
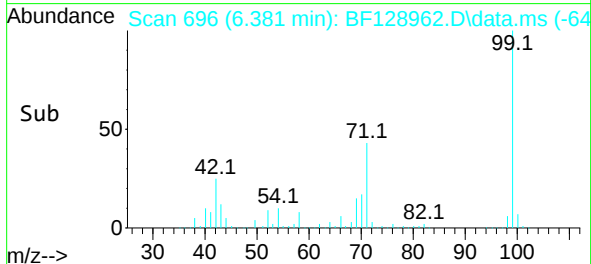
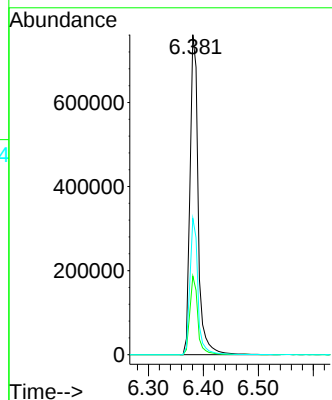
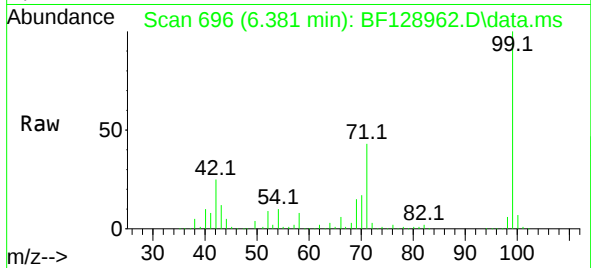




#7
Phenol-d6
Concen: 93.514 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

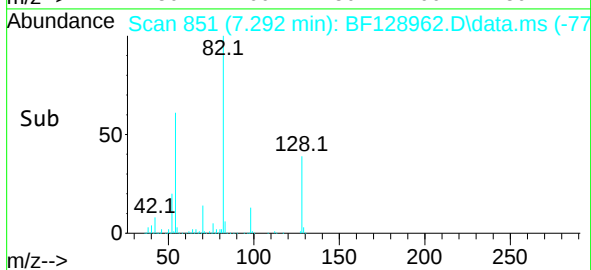
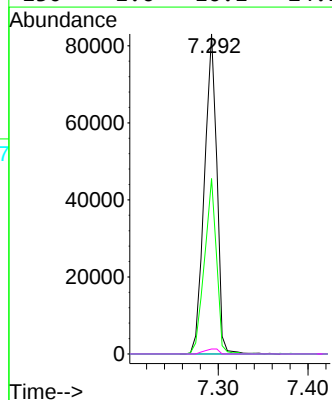
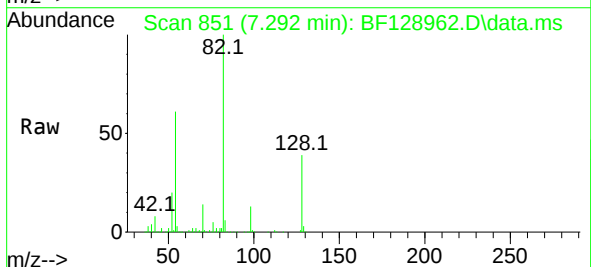
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

Tgt Ion: 99 Resp: 787572
Ion Ratio Lower Upper
99 100
42 24.6 17.3 25.9
71 42.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.269 ng
RT: 7.292 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

Tgt Ion: 70 Resp: 79957
Ion Ratio Lower Upper
70 100
42 54.8 52.3 78.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

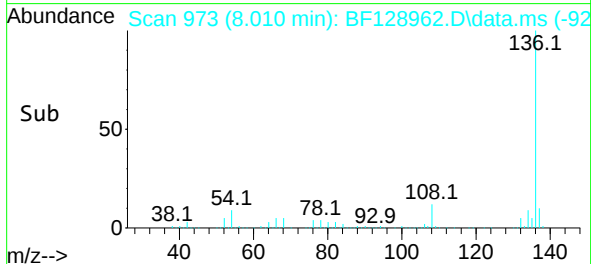
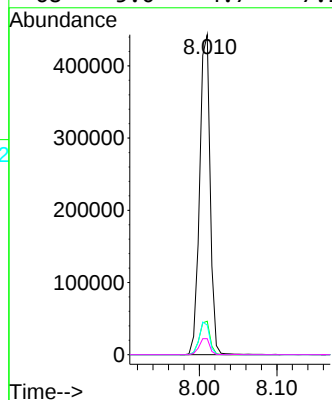
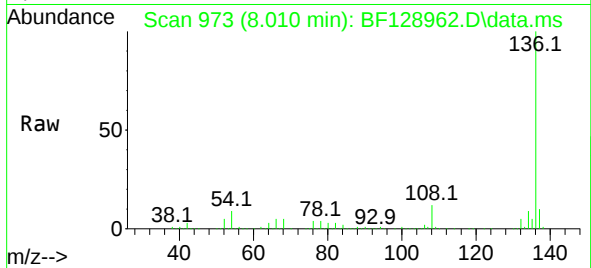




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

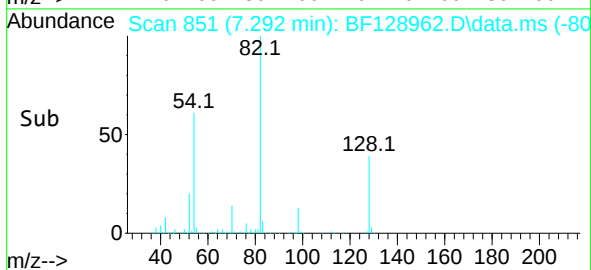
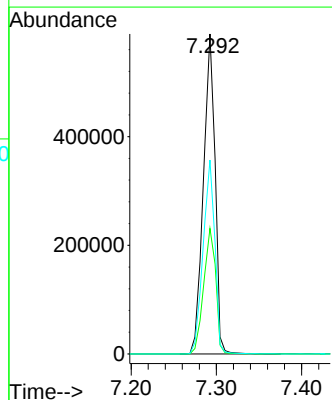
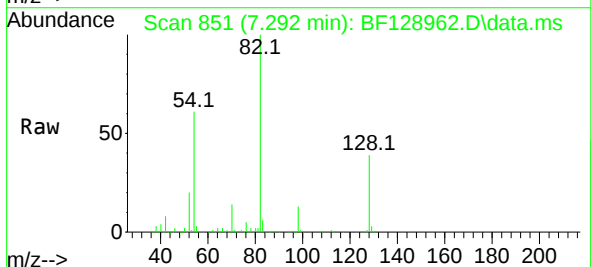
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

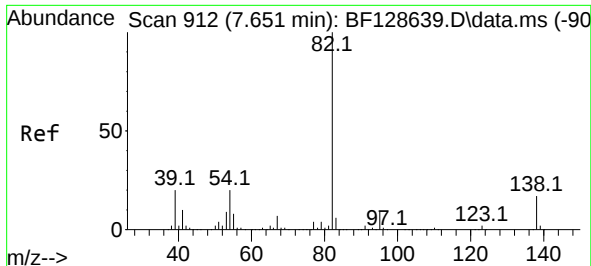
Tgt Ion:136 Resp: 417217
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 9.2 7.5 11.3
68 5.0 4.7 7.1



#23
Nitrobenzene-d5
Concen: 62.535 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.012 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

Tgt Ion: 82 Resp: 560380
Ion Ratio Lower Upper
82 100
128 39.3 34.0 51.0
54 60.6 46.9 70.3

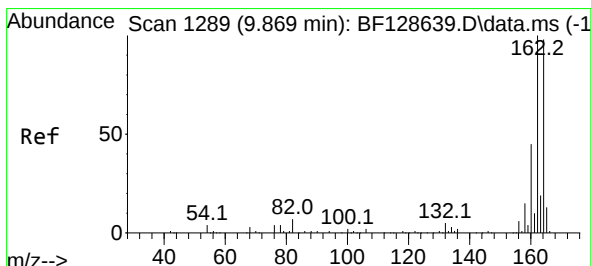
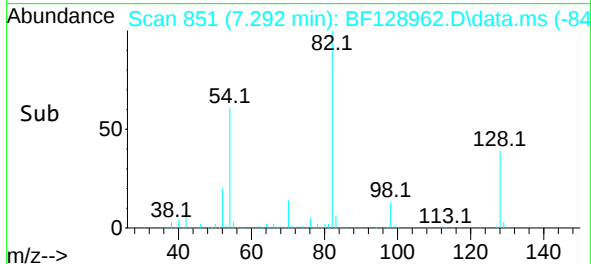
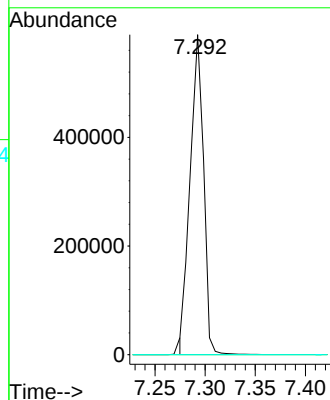
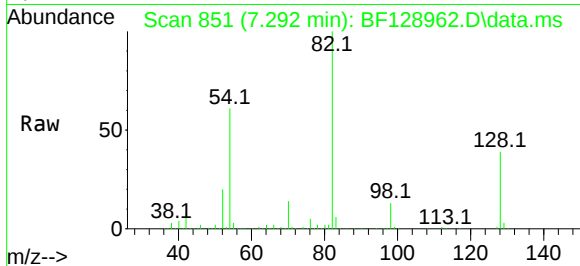




#25
Isophorone
Concen: 40.245 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

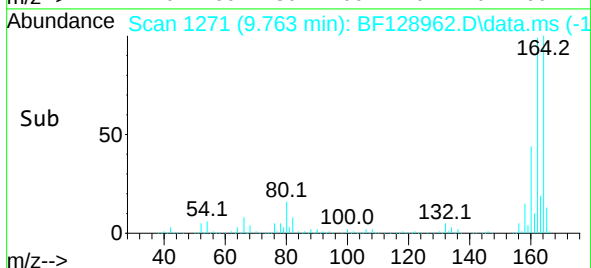
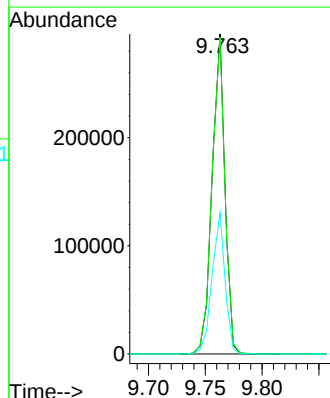
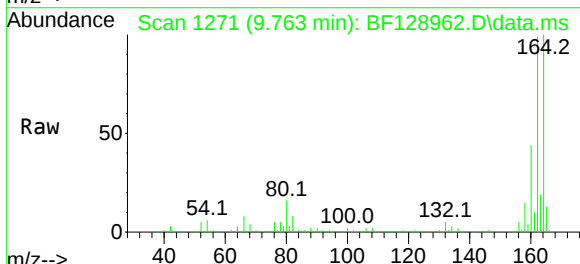
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

Tgt Ion: 82 Resp: 547729
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

Tgt Ion: 164 Resp: 231182
Ion Ratio Lower Upper
164 100
162 99.0 79.5 119.3
160 44.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 81.196 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128962.D

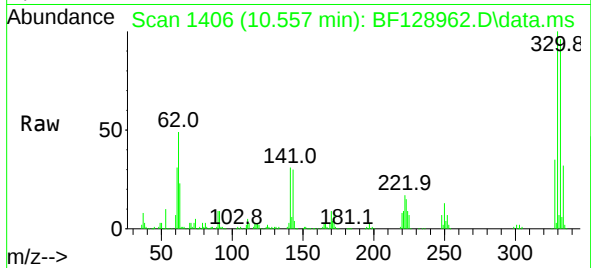
Acq: 23 Jun 2022 20:08

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-1-COMP



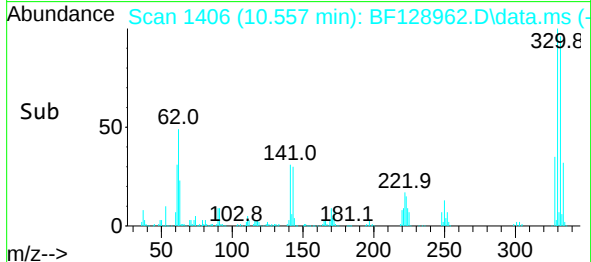
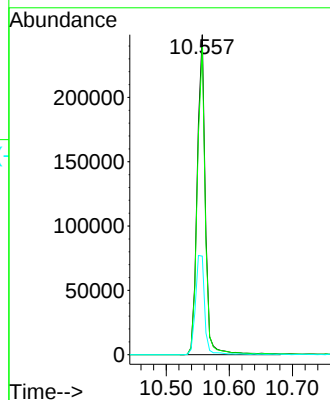
Tgt Ion:330 Resp: 221790

Ion Ratio Lower Upper

330 100

332 94.7 76.8 115.2

141 34.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 63.612 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128962.D

Acq: 23 Jun 2022 20:08

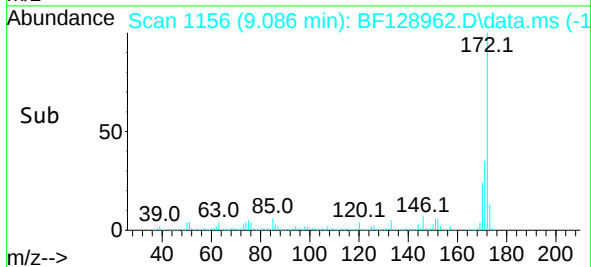
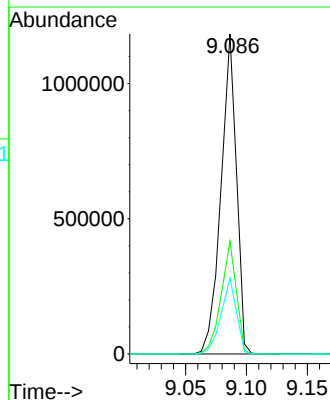
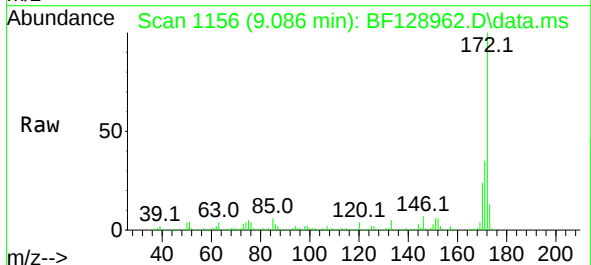
Tgt Ion:172 Resp: 1049823

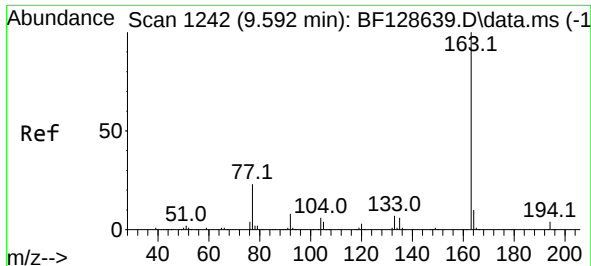
Ion Ratio Lower Upper

172 100

171 35.2 28.8 43.2

170 23.7 19.8 29.8

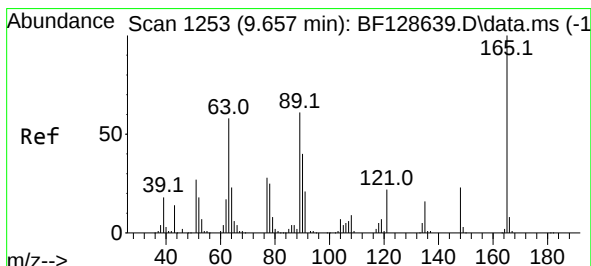
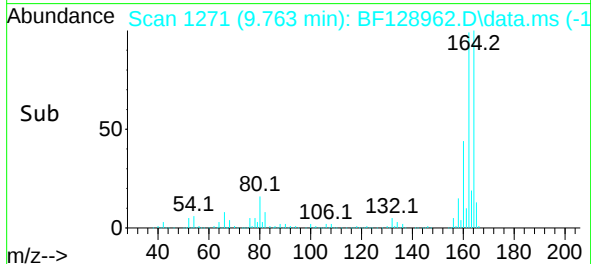
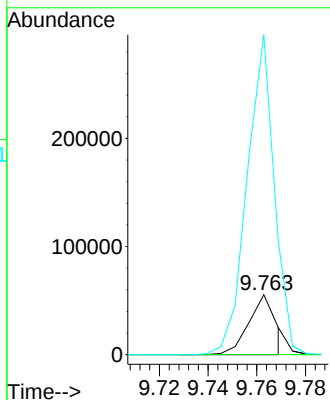
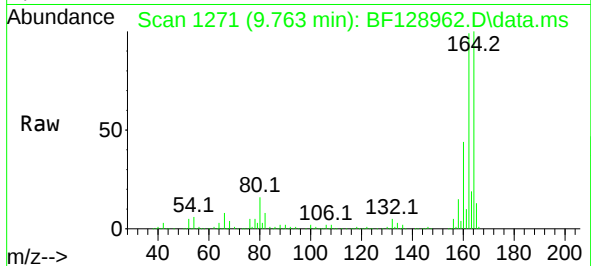




#50
Dimethylphthalate
Concen: 2.686 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.265 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

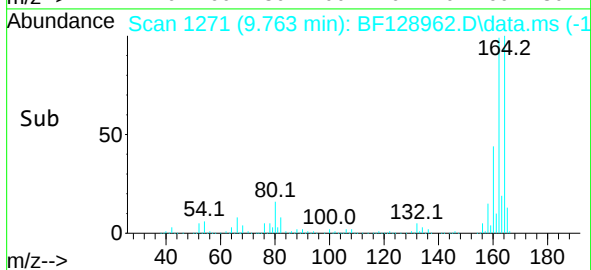
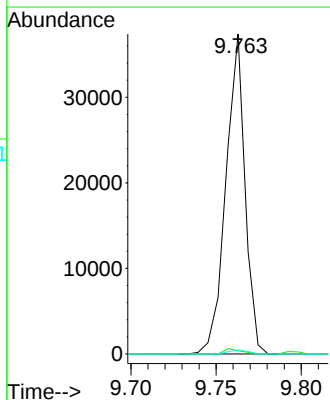
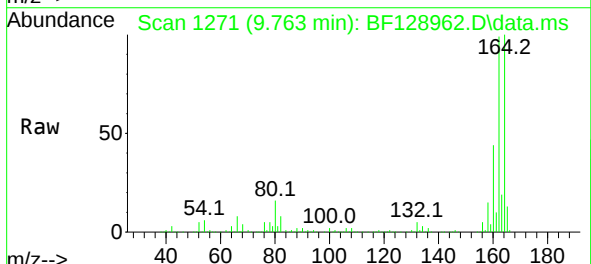
Instrument : BNA_F
ClientSampleId : XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

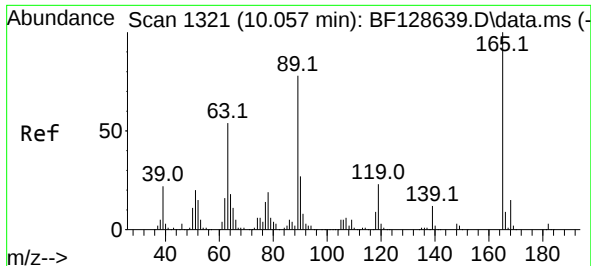
Tgt Ion:163 Resp: 42506
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 533.3 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.365 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

Tgt Ion:165 Resp: 29250
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.2 43.6 65.4#

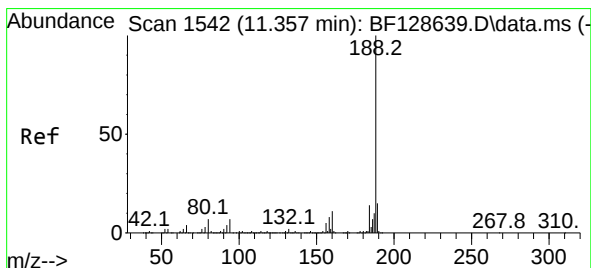
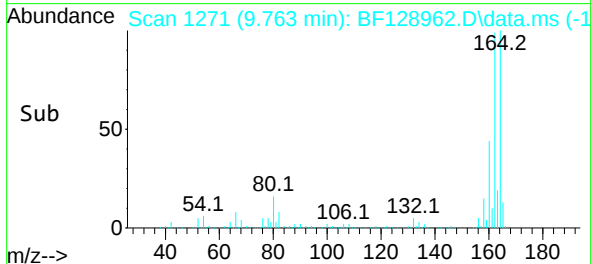
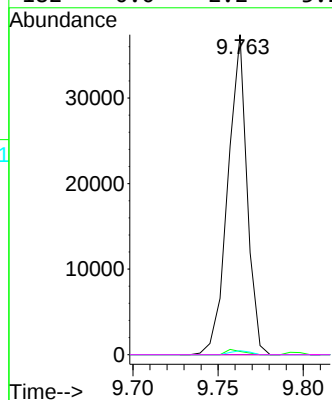
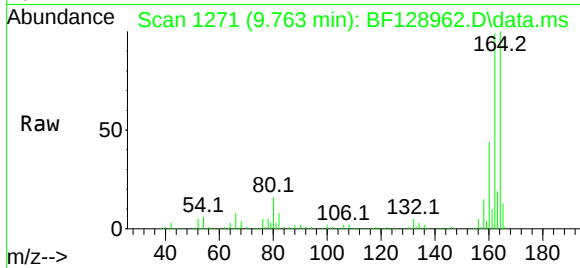




#57
2,4-Dinitrotoluene
Concen: 7.018 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

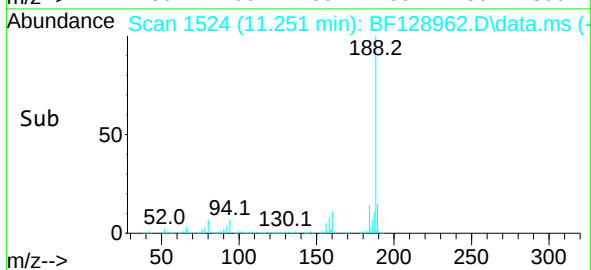
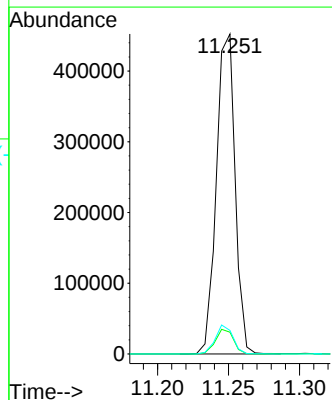
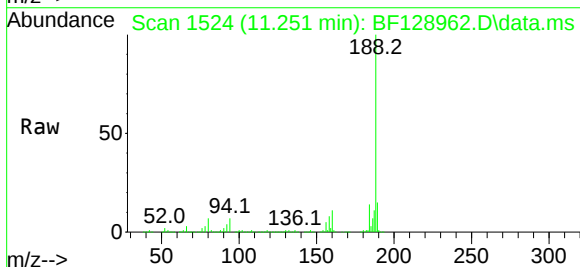
Instrument : BNA_F
ClientSampleId : XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

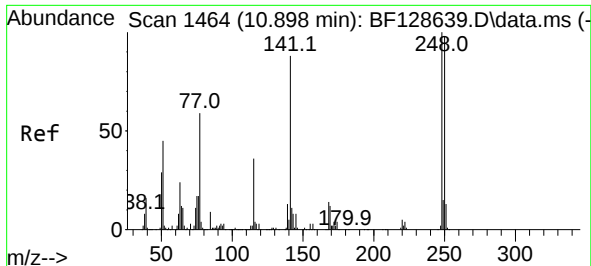
Tgt Ion:165 Resp: 29250
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

Tgt Ion:188 Resp: 415112
Ion Ratio Lower Upper
188 100
94 6.8 7.0 10.6#
80 7.4 7.6 11.4#





#67

4-Bromophenyl-phenylether

Concen: 3.387 ng

RT: 10.557 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF128962.D

Acq: 23 Jun 2022 20:08

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

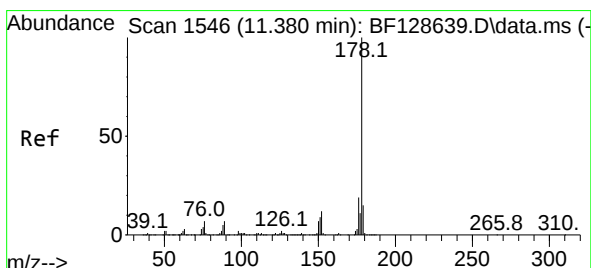
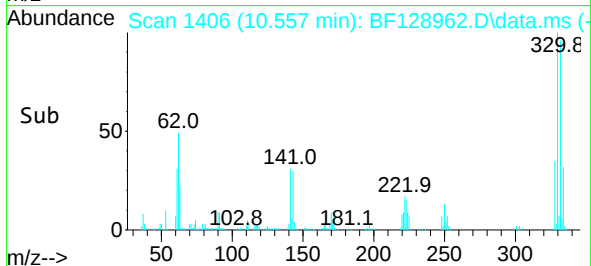
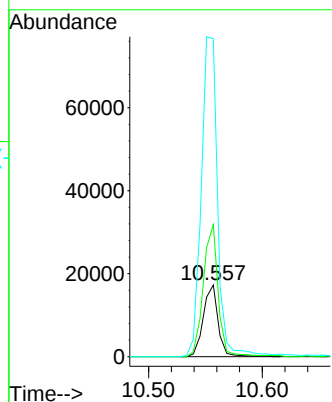
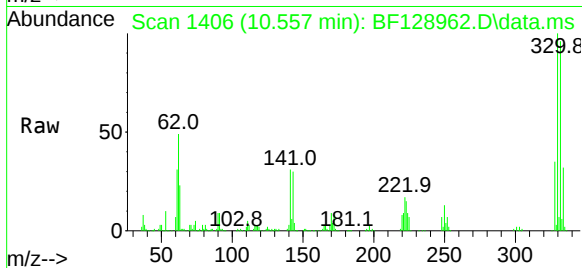
Tgt Ion:248 Resp: 15678

Ion Ratio Lower Upper

248 100

250 184.2 80.6 120.8#

141 443.9 58.9 88.3#



#71

Phenanthrene

Concen: 2.744 ng

RT: 11.269 min Scan# 1527

Delta R.T. -0.012 min

Lab File: BF128962.D

Acq: 23 Jun 2022 20:08

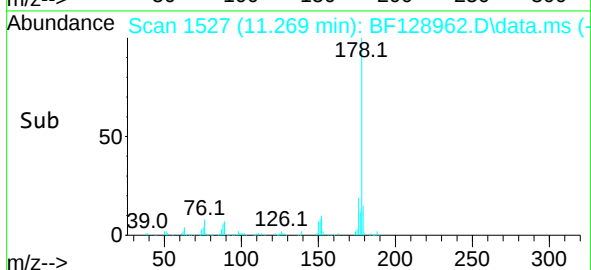
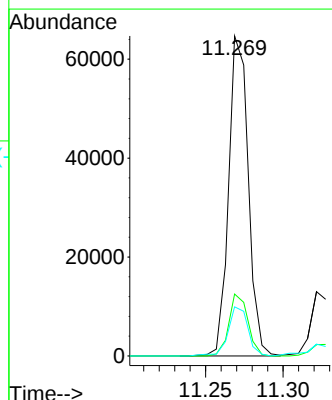
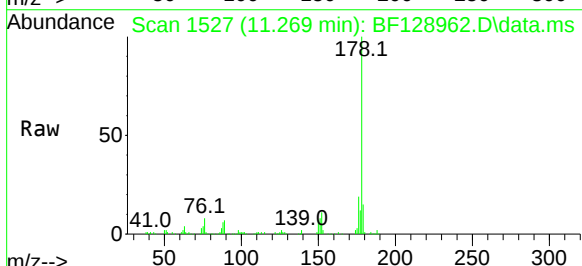
Tgt Ion:178 Resp: 57133

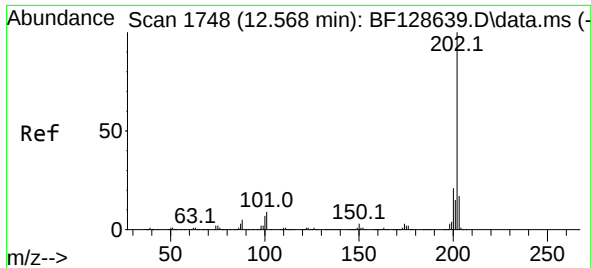
Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

179 15.4 12.6 19.0

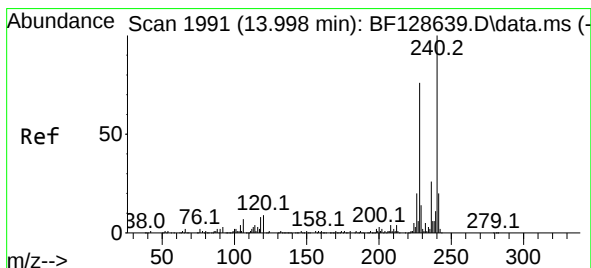
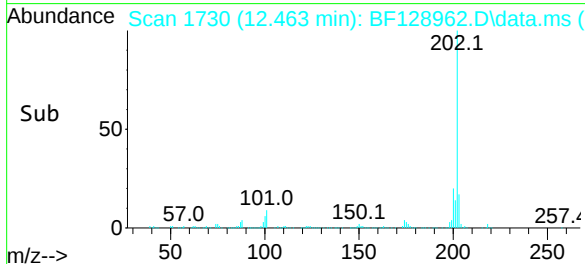
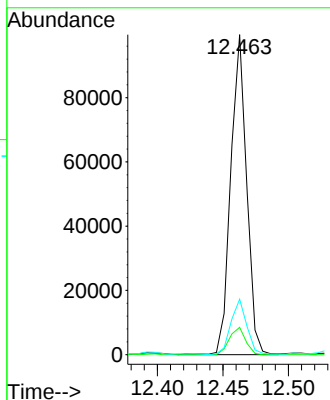
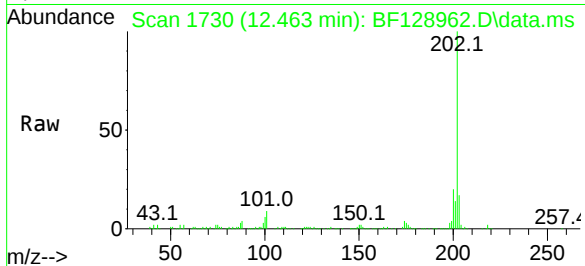




#75
Fluoranthene
Concen: 3.865 ng
RT: 12.463 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

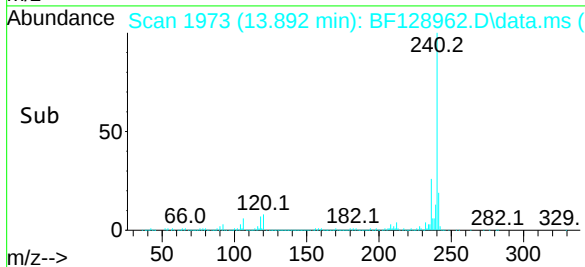
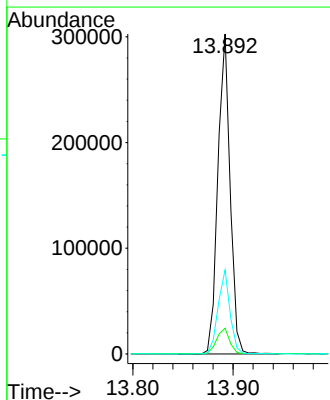
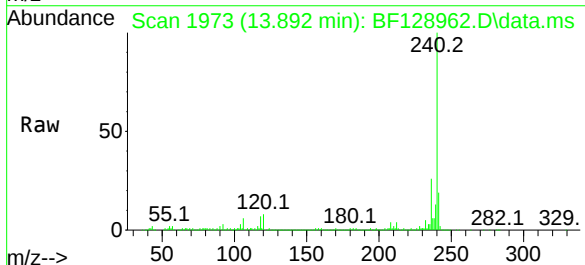
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

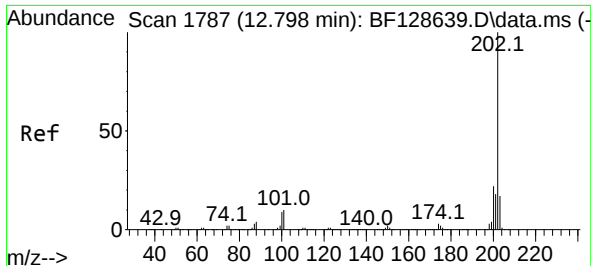
Tgt Ion:202 Resp: 84119
Ion Ratio Lower Upper
202 100
101 8.6 0.0 31.4
203 17.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

Tgt Ion:240 Resp: 255356
Ion Ratio Lower Upper
240 100
120 8.1 8.9 13.3#
236 26.2 20.8 31.2

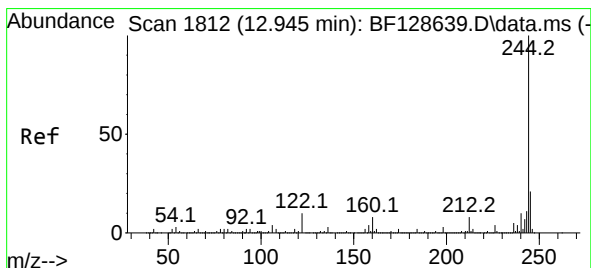
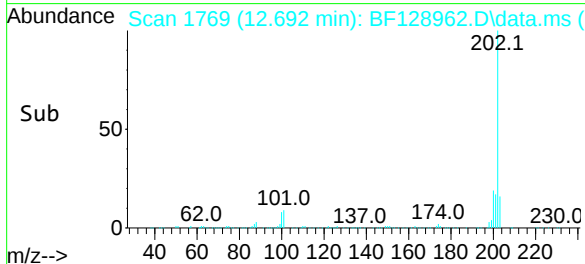
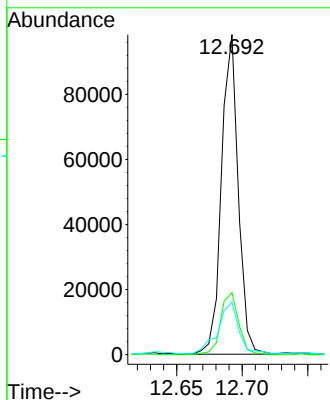
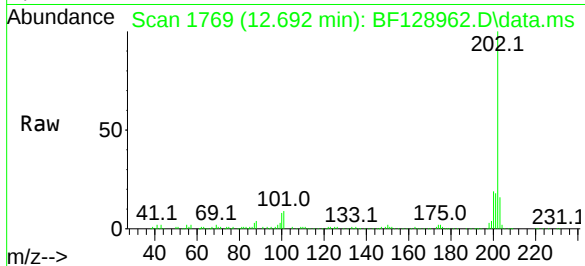




#78
Pyrene
Concen: 4.587 ng
RT: 12.692 min Scan# 1794
Delta R.T. -0.006 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

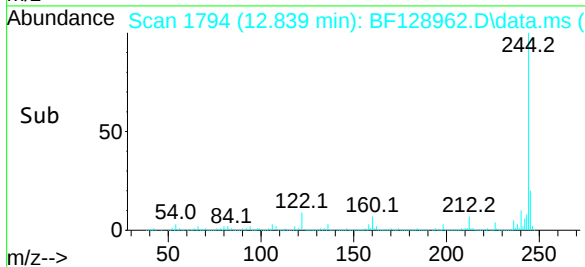
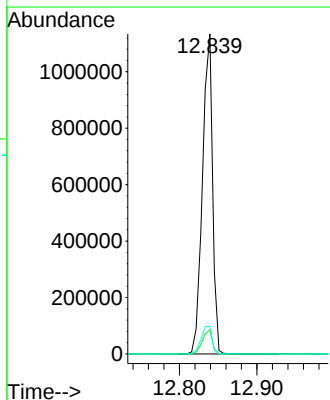
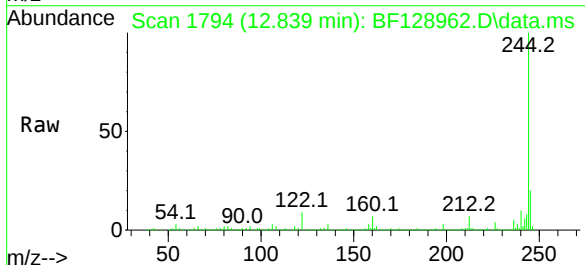
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

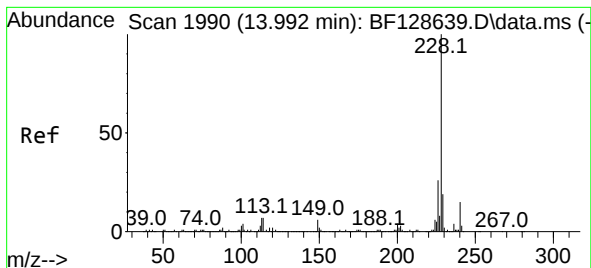
Tgt Ion:202 Resp: 87146
Ion Ratio Lower Upper
202 100
200 19.4 17.7 26.5
203 16.4 14.6 21.8



#79
Terphenyl-d14
Concen: 69.861 ng
RT: 12.839 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

Tgt Ion:244 Resp: 1026646
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 8.7 8.8 13.2#





#81

Benzo(a)anthracene

Concen: 2.378 ng

RT: 13.880 min Scan# 1971

Delta R.T. -0.006 min

Lab File: BF128962.D

Acq: 23 Jun 2022 20:08

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

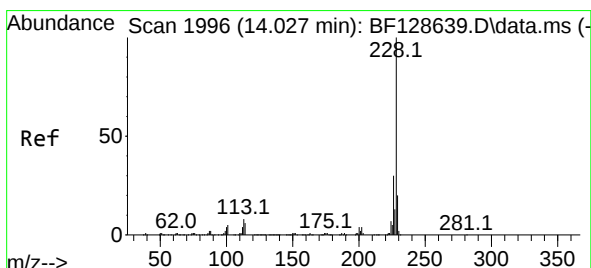
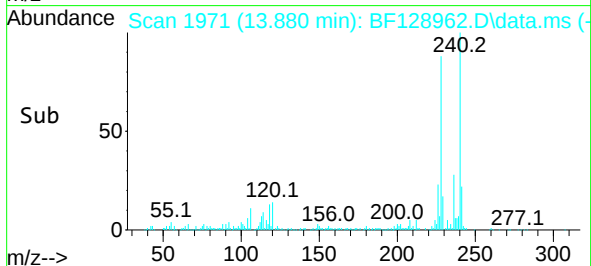
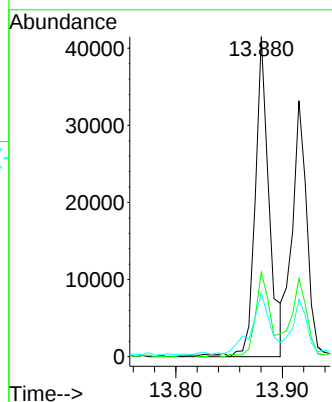
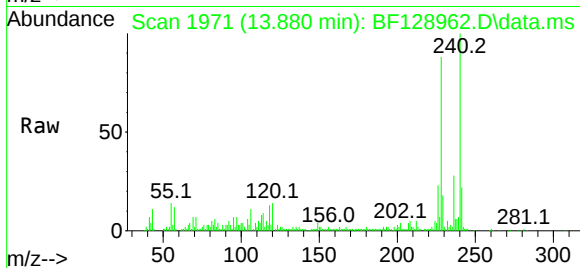
Tgt Ion:228 Resp: 37850

Ion Ratio Lower Upper

228 100

226 26.4 22.1 33.1

229 19.9 15.8 23.8



#83

Chrysene

Concen: 2.056 ng

RT: 13.916 min Scan# 1977

Delta R.T. -0.012 min

Lab File: BF128962.D

Acq: 23 Jun 2022 20:08

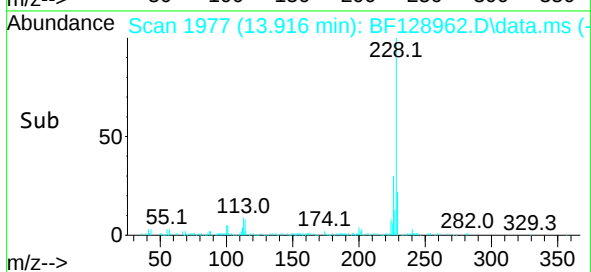
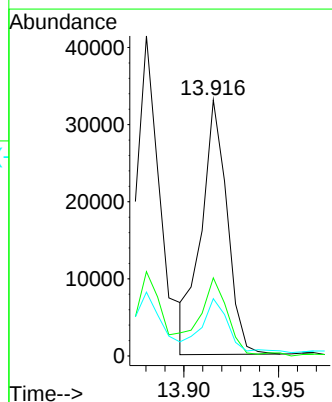
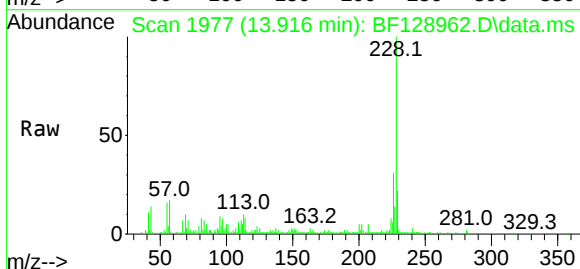
Tgt Ion:228 Resp: 31207

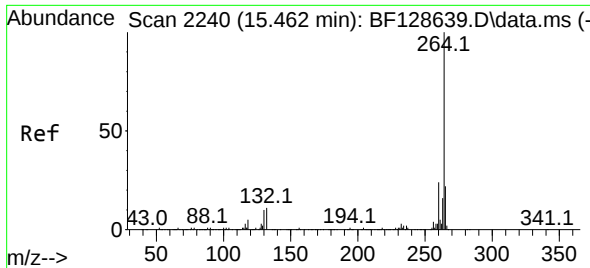
Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 22.4 15.9 23.9

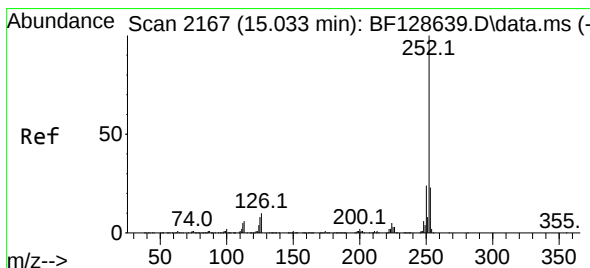
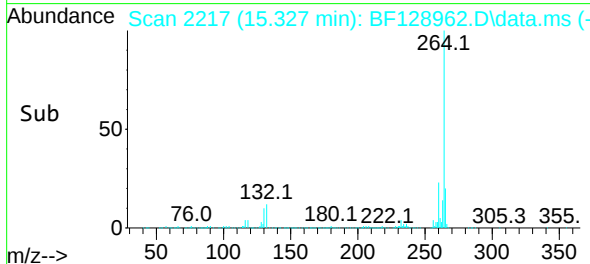
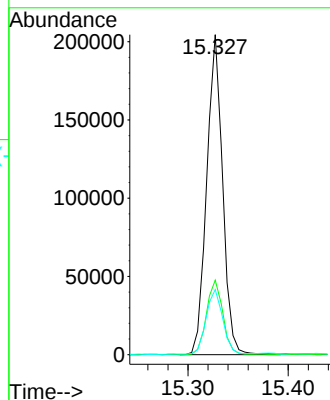
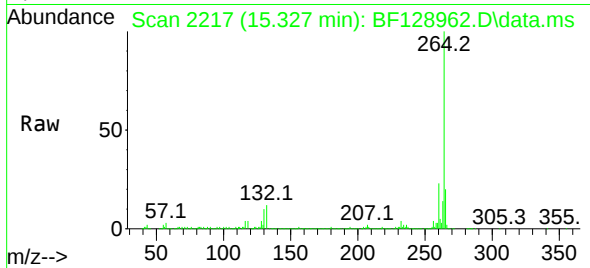




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.327 min Scan# 2117
 Delta R.T. -0.000 min
 Lab File: BF128962.D
 Acq: 23 Jun 2022 20:08

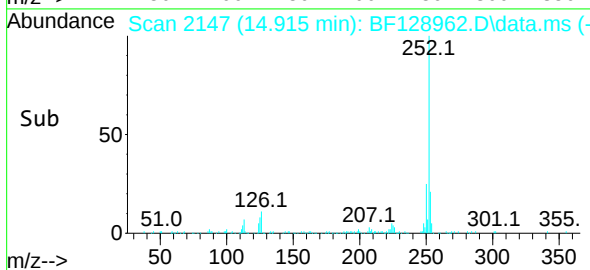
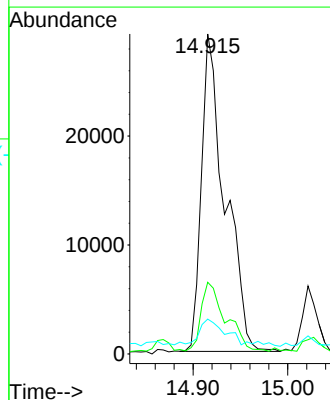
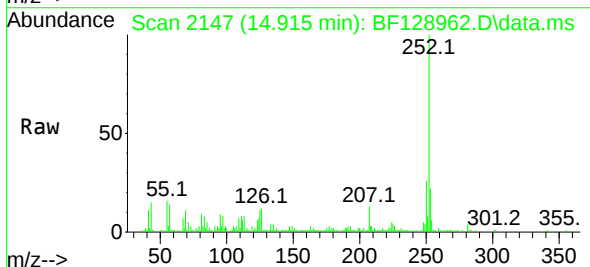
Instrument : BNA_F
 ClientSampleId : XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

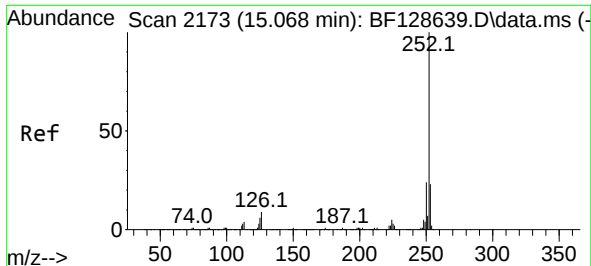
Tgt Ion:264 Resp: 226206
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 20.3 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 3.483 ng
 RT: 14.915 min Scan# 2147
 Delta R.T. -0.006 min
 Lab File: BF128962.D
 Acq: 23 Jun 2022 20:08

Tgt Ion:252 Resp: 50345
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.7 26.5
 125 10.9 8.0 12.0

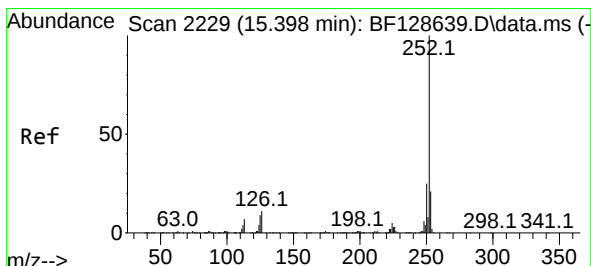
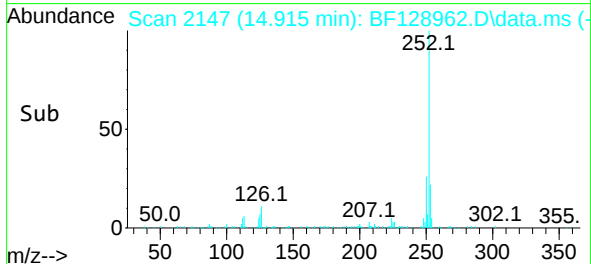
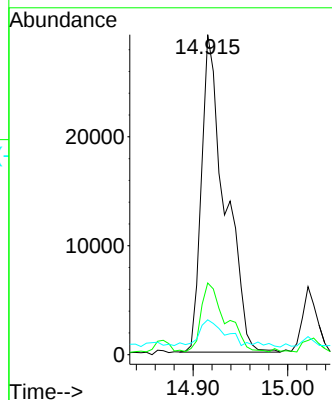
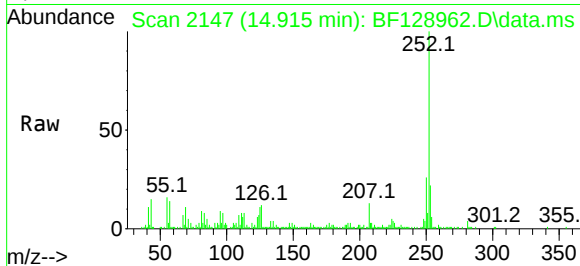




#89
Benzo(k)fluoranthene
Concen: 3.703 ng
RT: 14.915 min Scan# 2173
Delta R.T. -0.035 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

Instrument : BNA_F
ClientSampleId : XRDS-SCREENED-CLEAN-FILL-SP-1-COMP

Tgt Ion:252 Resp: 50345
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 10.9 8.3 12.5



#90
Benzo(a)pyrene
Concen: 2.462 ng
RT: 15.268 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF128962.D
Acq: 23 Jun 2022 20:08

Tgt Ion:252 Resp: 27965
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 10.7 8.8 13.2

