

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128974.D
 Acq On : 24 Jun 2022 01:56
 Operator : CG\JU
 Sample : N3468-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Jun 24 04:40:01 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	6.728	152	68441	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	246639	20.000	ng	# 0.00
39) Acenaphthene-d10	9.763	164	121265	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	180014	20.000	ng	# 0.00
76) Chrysene-d12	13.898	240	153114	20.000	ng	# 0.00
86) Perylene-d12	15.333	264	117931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	443689	103.260	ng	0.00
7) Phenol-d6	6.387	99	549775	104.819	ng	0.00
23) Nitrobenzene-d5	7.298	82	380676	71.861	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	112872	78.777	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	687838	79.456	ng	0.00
79) Terphenyl-d14	12.839	244	571781	64.889	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.298	70	53263	16.333	ng	# 81
25) Isophorone	7.298	82	376951	46.852	ng	# 65
49) Acenaphthylene	9.628	152	26761	2.518	ng	98
50) Dimethylphthalate	9.763	163	21260	2.561	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	15739	9.607	ng	# 26
56) 4-Nitrophenol	9.969	139	3047	2.364	ng	# 13
57) 2,4-Dinitrotoluene	9.763	165	15739	7.199	ng	# 22
67) 4-Bromophenyl-phenylether	10.557	248	7392	3.682	ng	# 1
71) Phenanthrene	11.275	178	154568	17.119	ng	98
72) Anthracene	11.328	178	43471	4.864	ng	97
75) Fluoranthene	12.469	202	350391	37.125	ng	95
78) Pyrene	12.698	202	333122	29.243	ng	98
81) Benzo(a)anthracene	13.886	228	209075	21.906	ng	98
83) Chrysene	13.921	228	171886	18.890	ng	97
87) Indeno(1,2,3-cd)pyrene	16.751	276	73024	10.273	ng	# 90
88) Benzo(b)fluoranthene	14.927	252	279333	37.068	ng	98
89) Benzo(k)fluoranthene	14.927	252	279333	39.405	ng	98
90) Benzo(a)pyrene	15.274	252	137534	23.221	ng	97
91) Dibenzo(a,h)anthracene	16.745	278	20636	3.500	ng	# 88
92) Benzo(g,h,i)perylene	17.168	276	70451	12.057	ng	# 94

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

Instrument :
BNA_F

ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

Abundance

TIC: BF128974.D\data.ms

Time-->

2-Fluorophenol, S

Phenol-d6, S

1,4-Dichlorobenzene-d4, I

Naphthalene-d8, I

2-Fluorobiphenyl, S

Acenaphthylene

4-Nitrophenol, P

2,6-Dichlorophenol, I

2,4,6-Trichlorophenol, I

Phenanthrene-d10, I

Fluoranthene, C

Pyrene

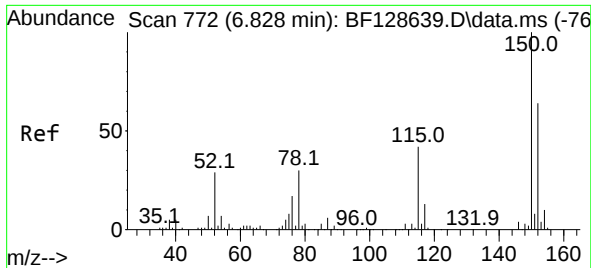
Chrysene-d12, I

Benzo(b)fluoranthene

Benzo(a)pyrene, C

Benzo(a,h)perylene

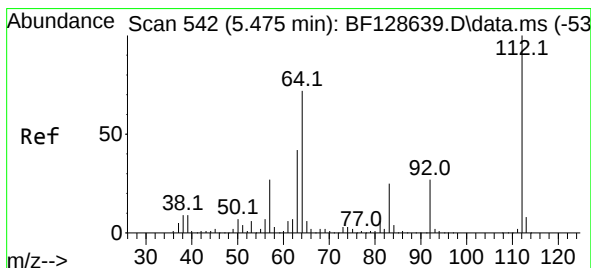
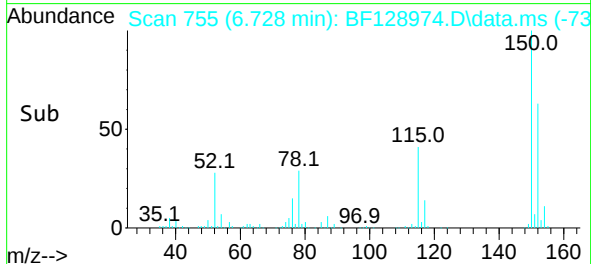
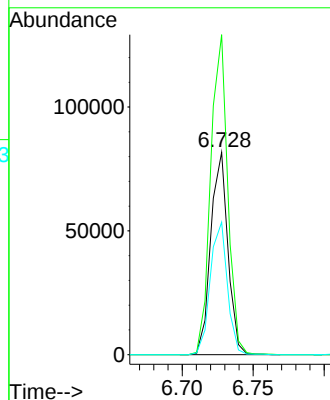
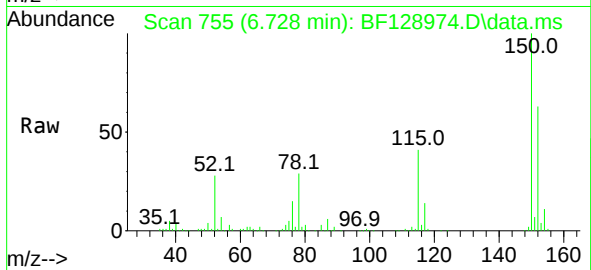
Benzo(g,h,i)perylene



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

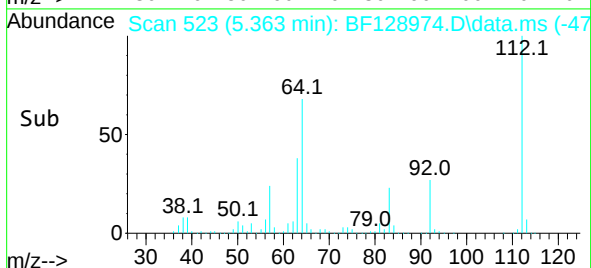
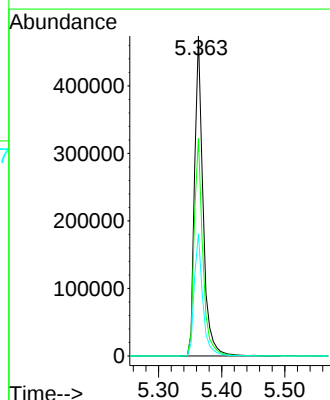
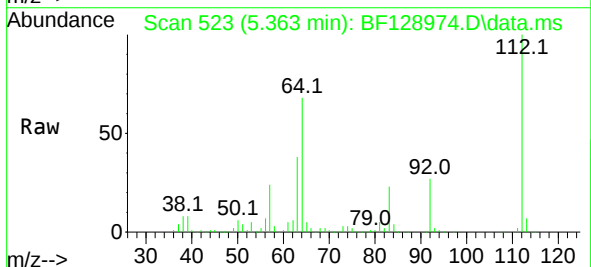
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

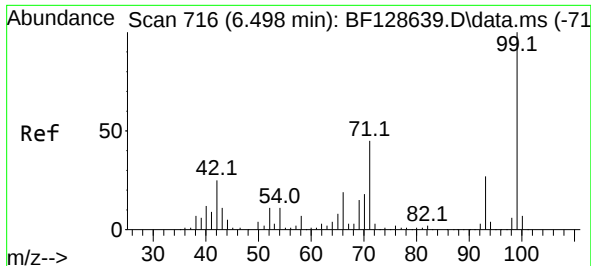
Tgt Ion:152 Resp: 68441
Ion Ratio Lower Upper
152 100
150 158.1 123.7 185.5
115 65.4 49.9 74.9



#5
2-Fluorophenol
Concen: 103.260 ng
RT: 5.363 min Scan# 523
Delta R.T. 0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion:112 Resp: 443689
Ion Ratio Lower Upper
112 100
64 68.1 53.3 79.9
63 38.2 28.0 42.0

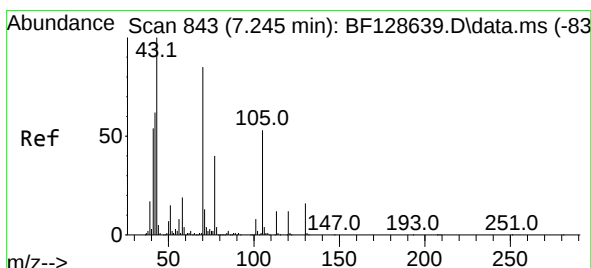
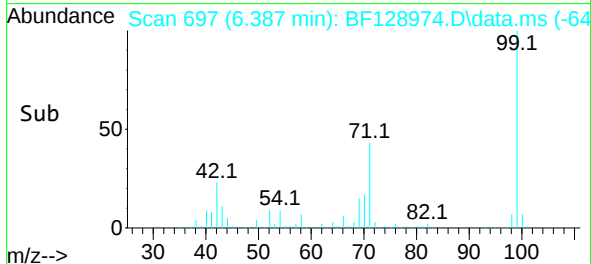
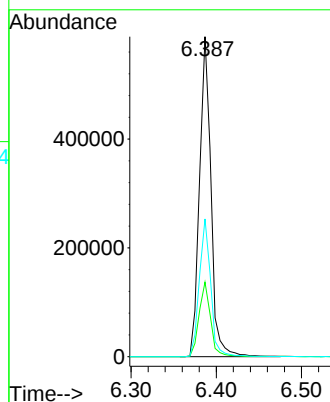
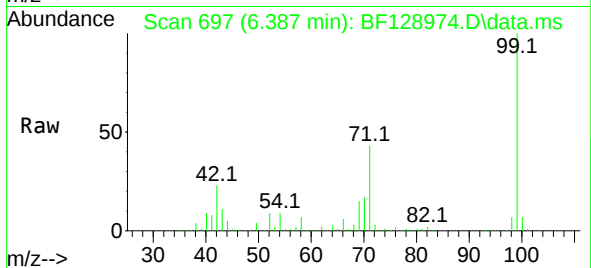




#7
Phenol-d6
Concen: 104.819 ng
RT: 6.387 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

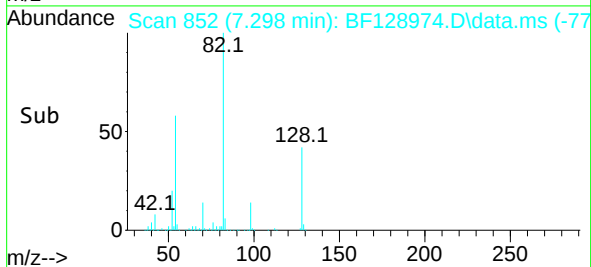
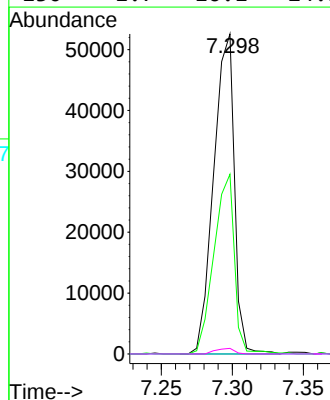
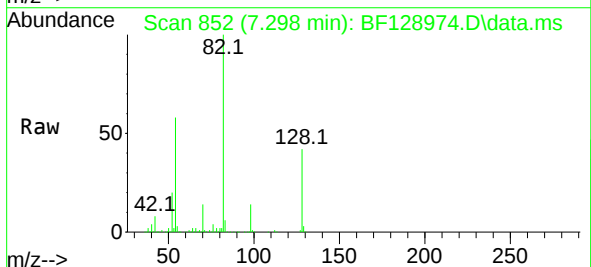
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

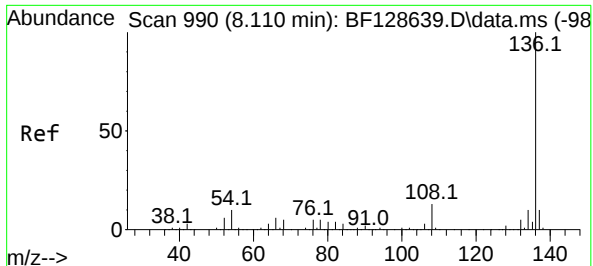
Tgt Ion: 99 Resp: 549775
Ion Ratio Lower Upper
99 100
42 23.3 17.3 25.9
71 43.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 16.333 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.147 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion: 70 Resp: 53263
Ion Ratio Lower Upper
70 100
42 56.2 52.3 78.5
101 0.0 7.5 11.3#
130 1.7 16.1 24.1#

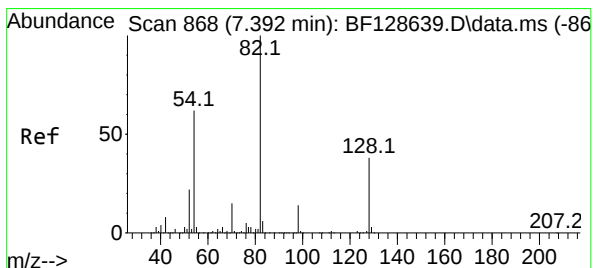
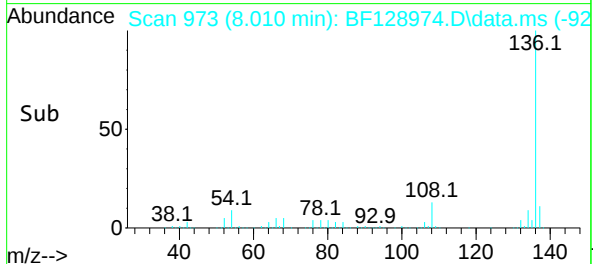
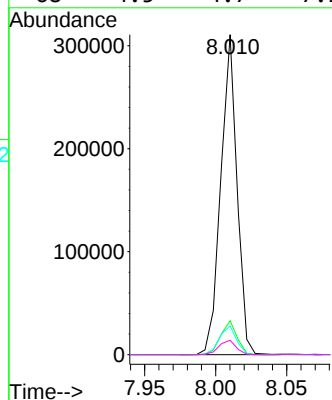
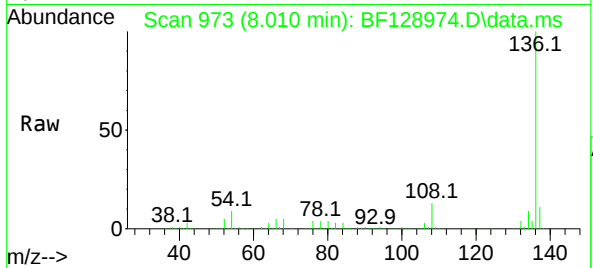




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

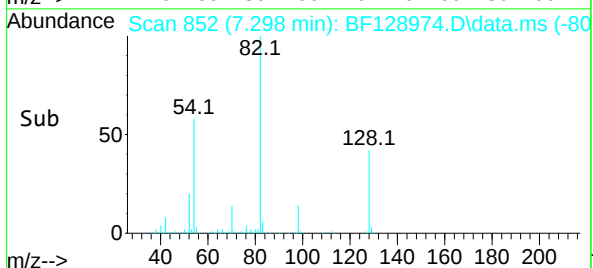
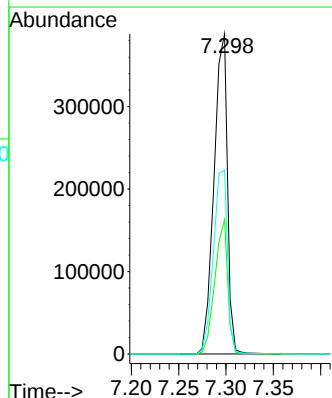
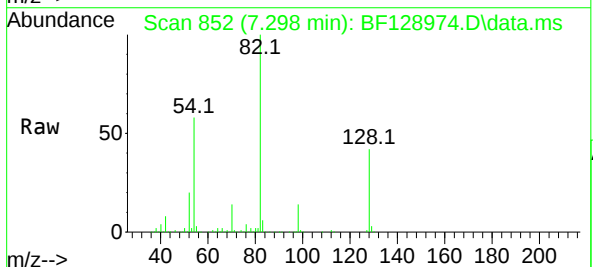
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

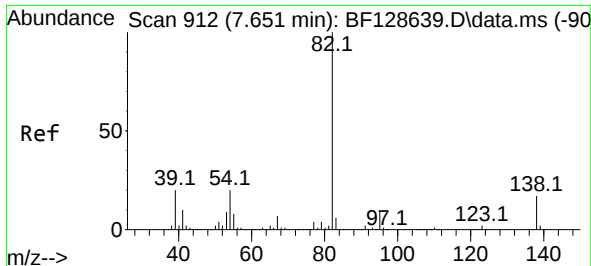
Tgt Ion:136 Resp: 246639
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.0 7.5 11.3
68 4.5 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 71.861 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion: 82 Resp: 380676
Ion Ratio Lower Upper
82 100
128 42.0 34.0 51.0
54 57.5 46.9 70.3

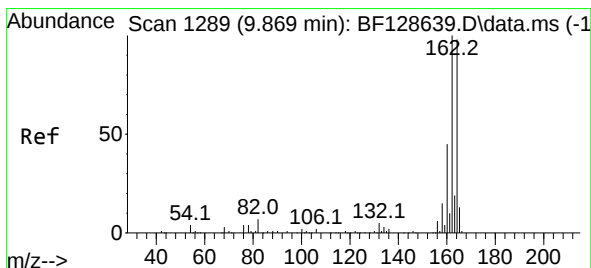
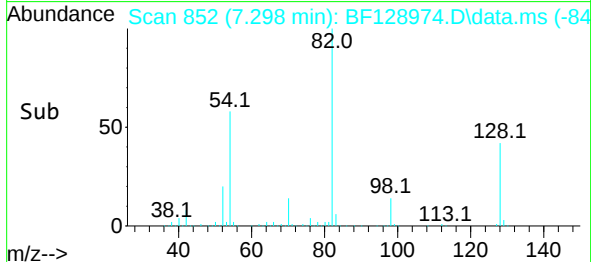
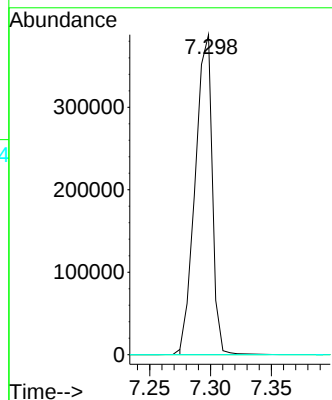
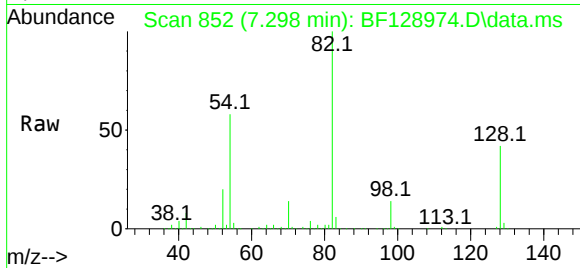




#25
Isophorone
Concen: 46.852 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

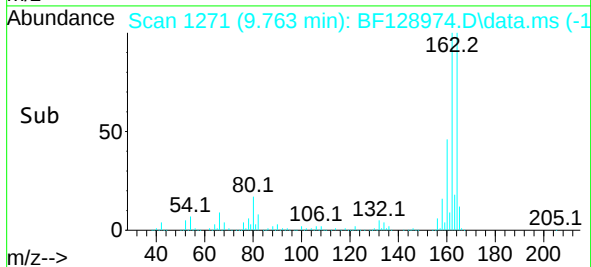
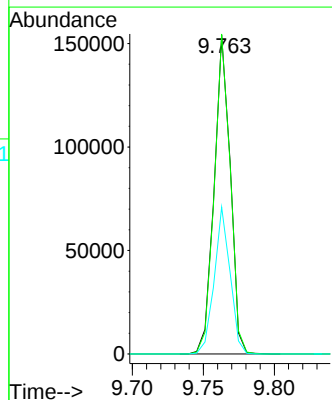
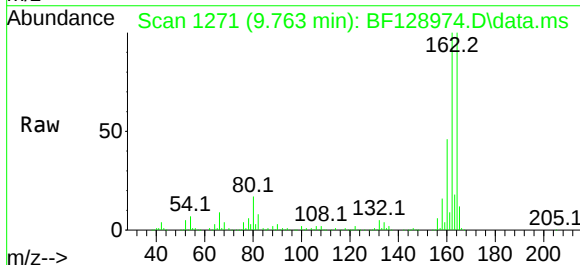
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

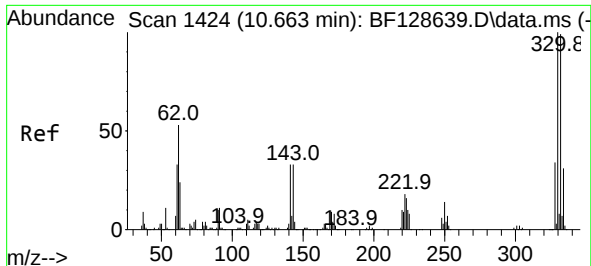
Tgt Ion: 82 Resp: 376951
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion:164 Resp: 121265
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 46.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 78.777 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128974.D

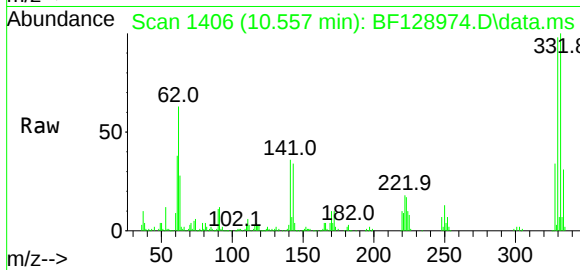
Acq: 24 Jun 2022 01:56

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-A-COMP



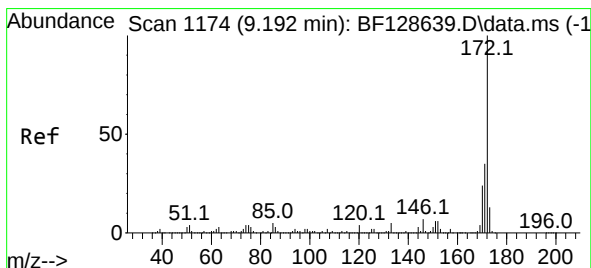
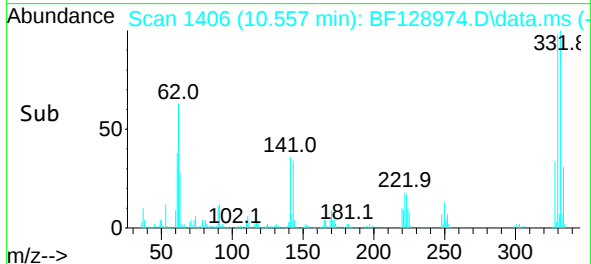
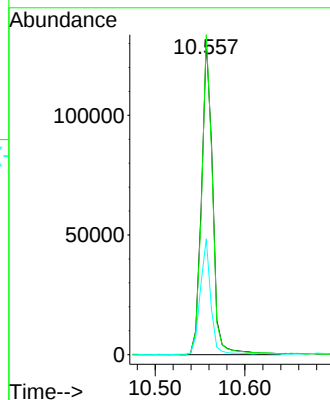
Tgt Ion:330 Resp: 112872

Ion Ratio Lower Upper

330 100

332 98.9 76.8 115.2

141 35.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 79.456 ng

RT: 9.086 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128974.D

Acq: 24 Jun 2022 01:56

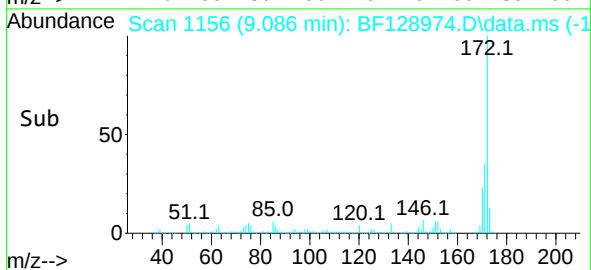
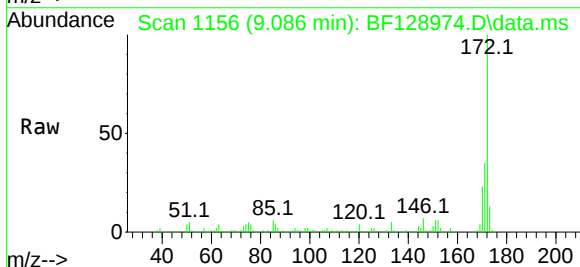
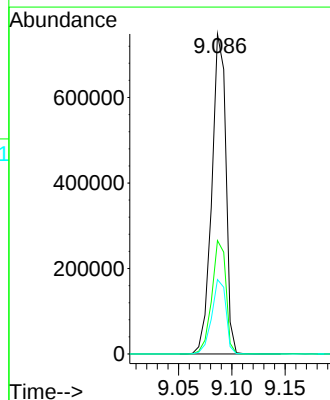
Tgt Ion:172 Resp: 687838

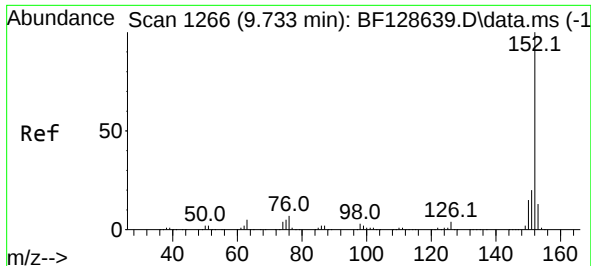
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.3 19.8 29.8





#49

Acenaphthylene

Concen: 2.518 ng

RT: 9.628 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128974.D

Acq: 24 Jun 2022 01:56

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

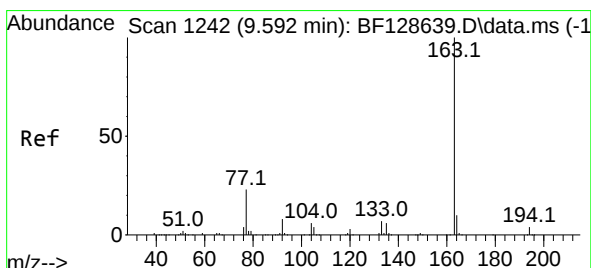
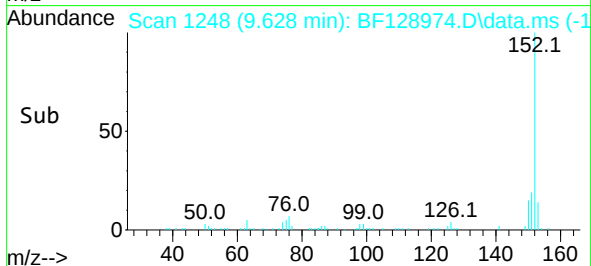
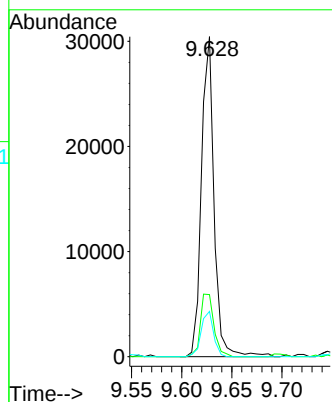
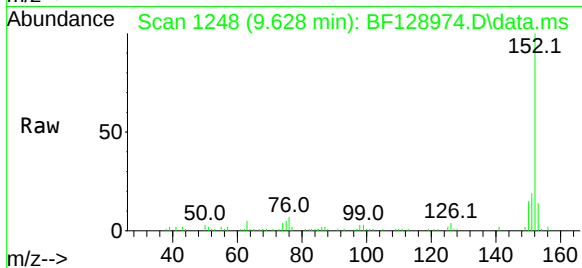
Tgt Ion:152 Resp: 26761

Ion Ratio Lower Upper

152 100

151 19.4 16.2 24.4

153 14.1 10.7 16.1



#50

Dimethylphthalate

Concen: 2.561 ng

RT: 9.763 min Scan# 1271

Delta R.T. 0.265 min

Lab File: BF128974.D

Acq: 24 Jun 2022 01:56

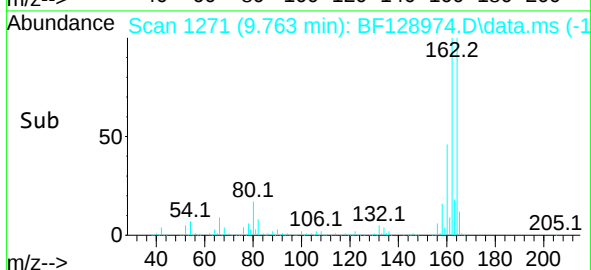
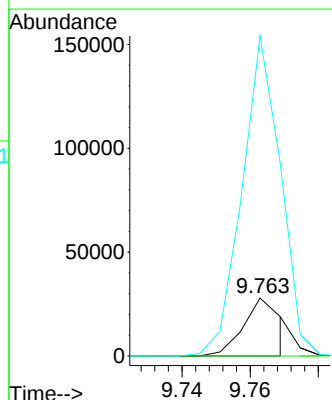
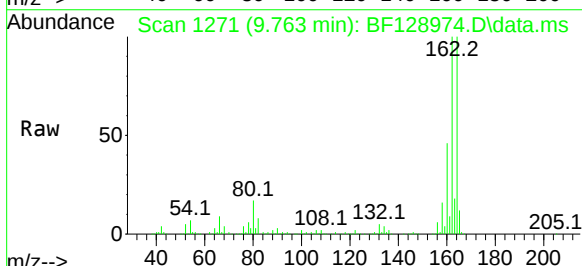
Tgt Ion:163 Resp: 21260

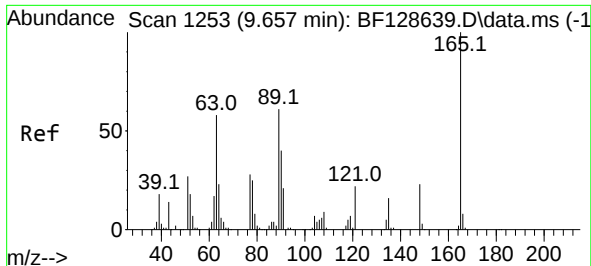
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 552.9 8.2 12.2#

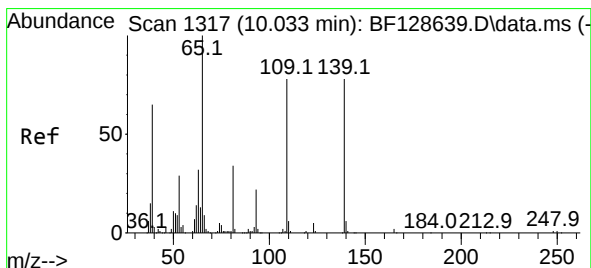
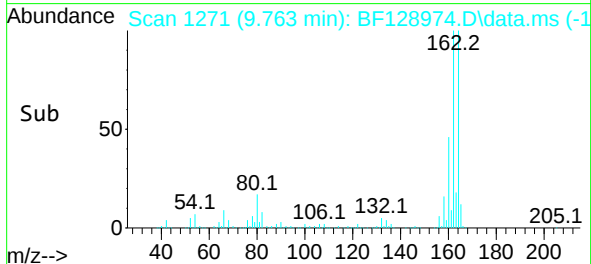
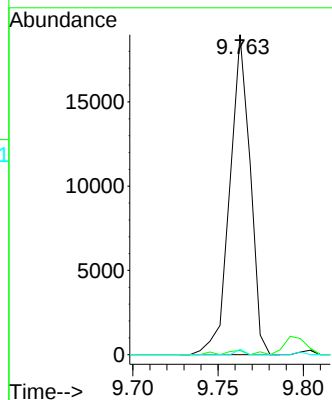
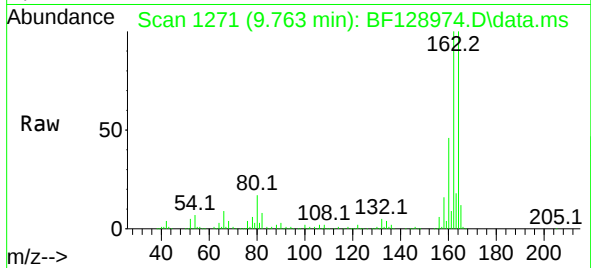




#51
2,6-Dinitrotoluene
Concen: 9.607 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

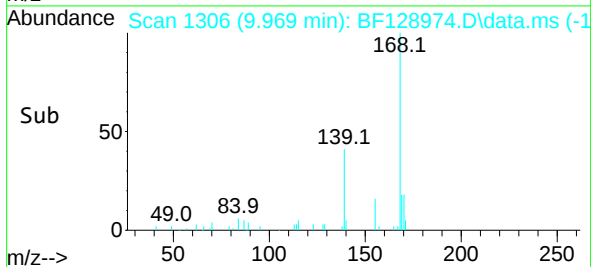
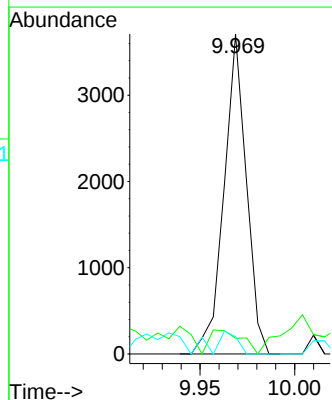
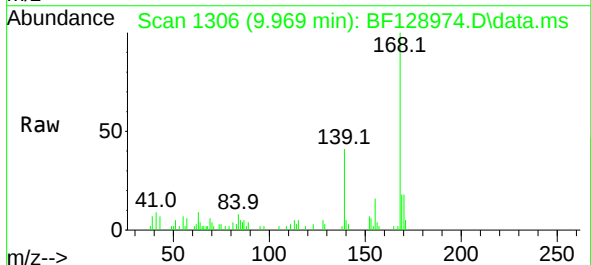
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

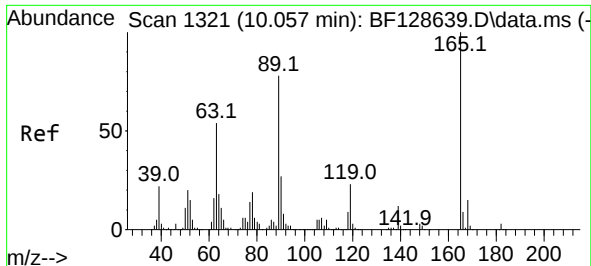
Tgt Ion:165 Resp: 15739
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.7 43.6 65.4#



#56
4-Nitrophenol
Concen: 2.364 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.041 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion:139 Resp: 3047
Ion Ratio Lower Upper
139 100
109 4.9 50.7 90.7#
65 5.4 74.5 114.5#

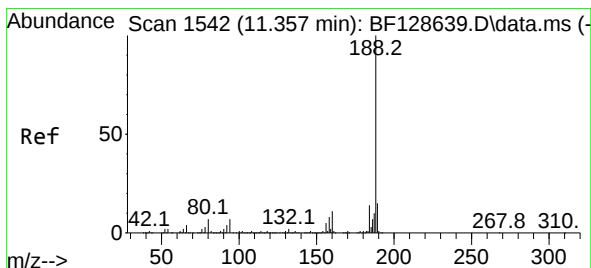
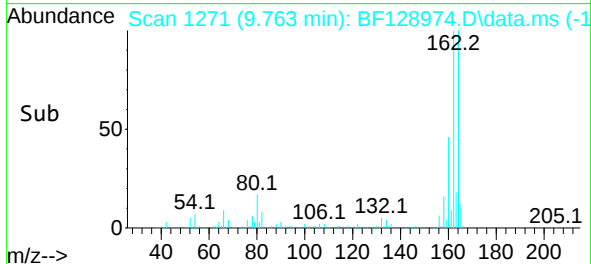
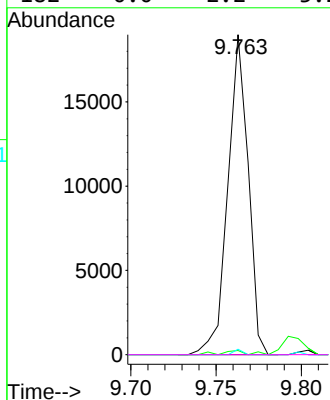
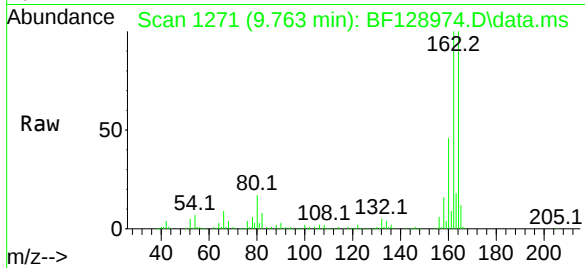




#57
2,4-Dinitrotoluene
Concen: 7.199 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

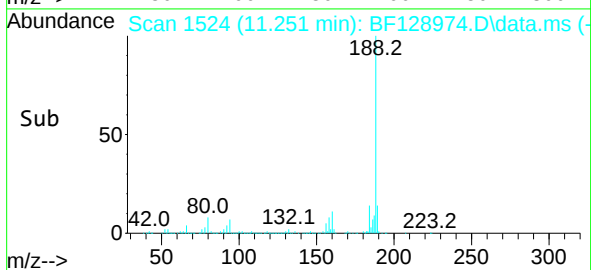
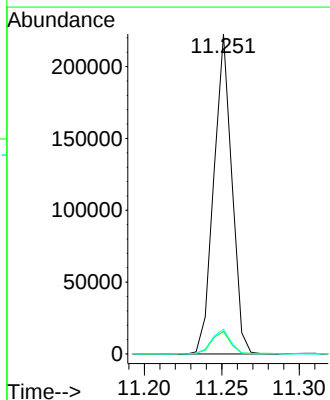
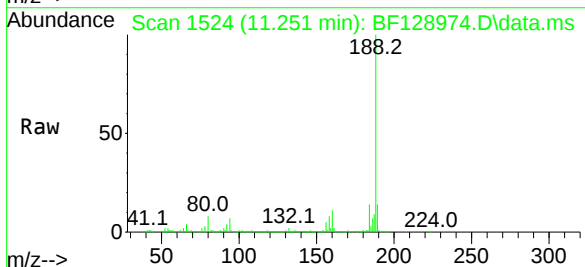
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

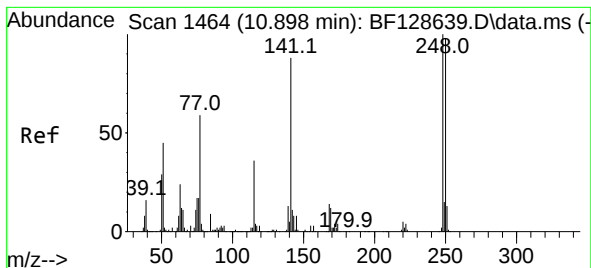
Tgt Ion:165 Resp: 15739
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.7 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion:188 Resp: 180014
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.7 7.6 11.4

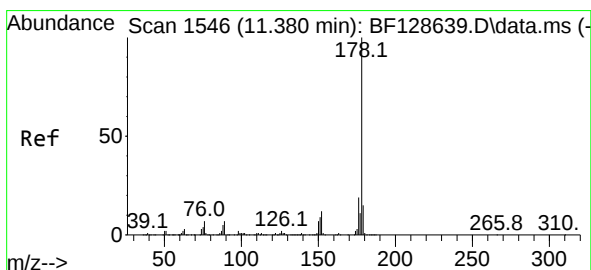
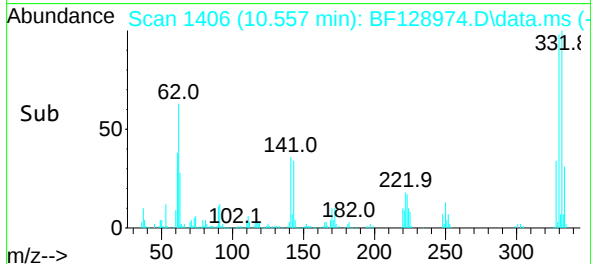
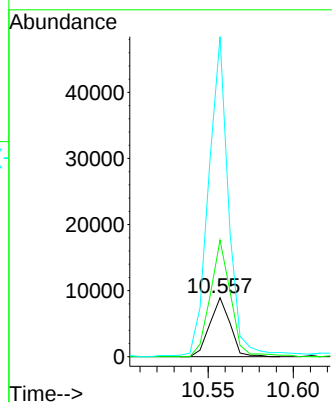
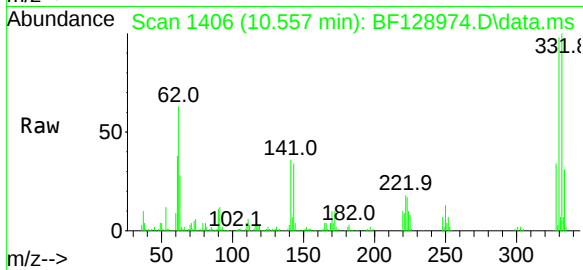




#67
4-Bromophenyl-phenylether
Concen: 3.682 ng
RT: 10.557 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

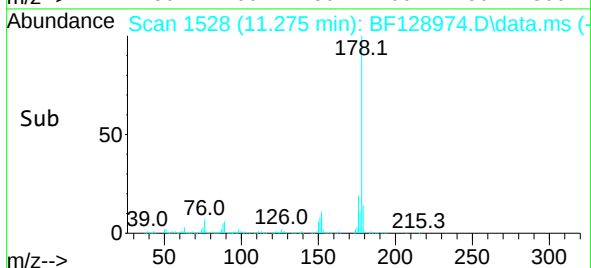
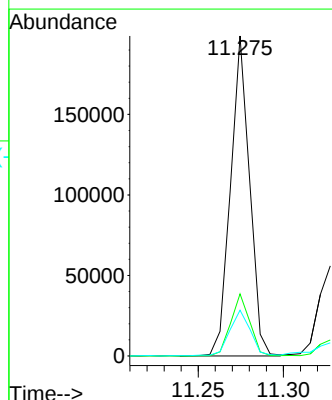
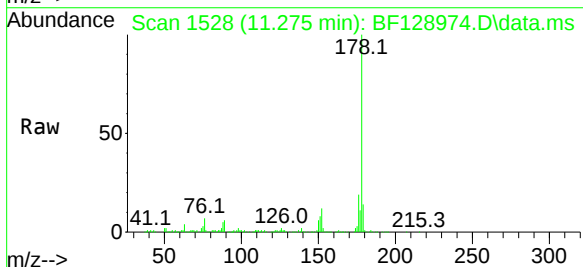
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

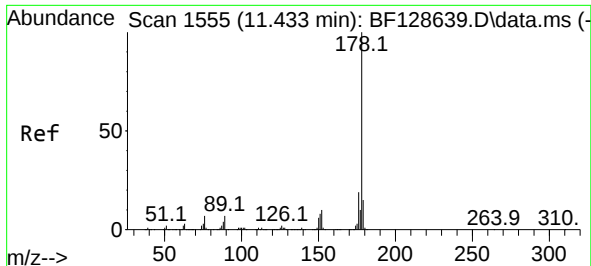
Tgt Ion:248 Resp: 7392
Ion Ratio Lower Upper
248 100
250 198.0 80.6 120.8#
141 542.8 58.9 88.3#



#71
Phenanthrene
Concen: 17.119 ng
RT: 11.275 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion:178 Resp: 154568
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 14.3 12.6 19.0

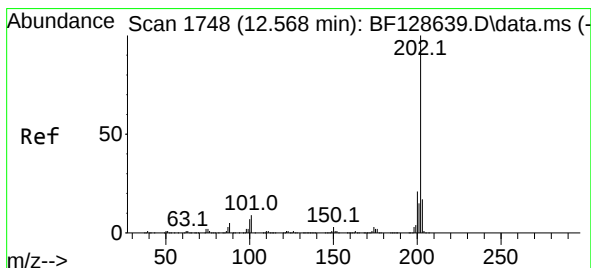
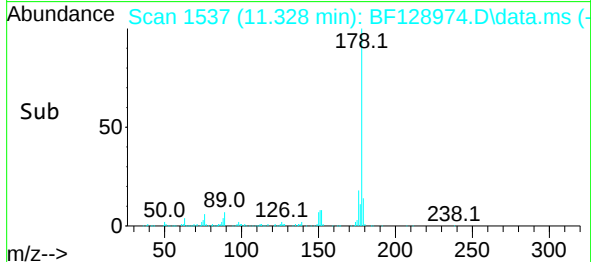
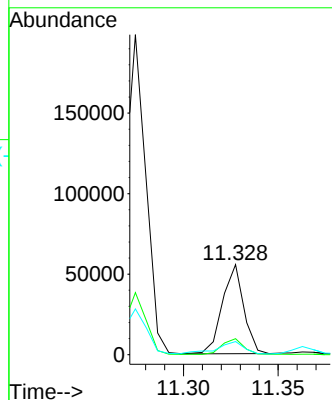
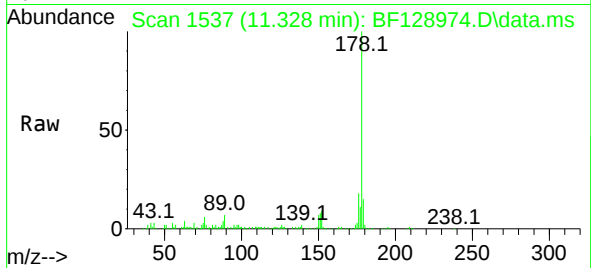




#72
 Anthracene
 Concen: 4.864 ng
 RT: 11.328 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128974.D
 Acq: 24 Jun 2022 01:56

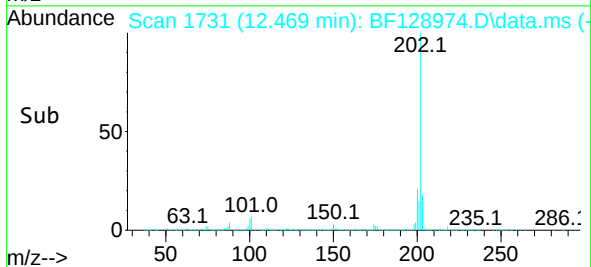
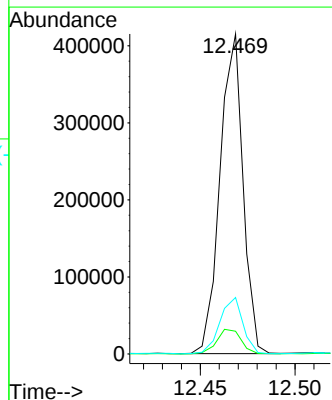
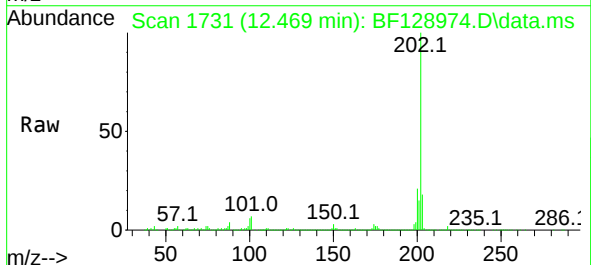
Instrument : BNA_F
 ClientSampleId : XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

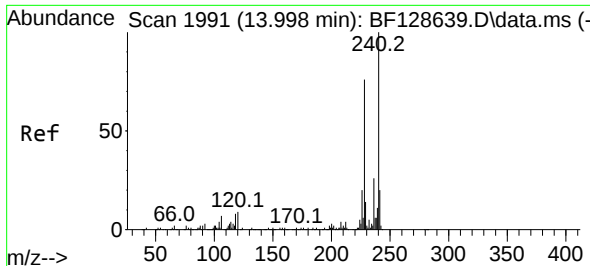
Tgt Ion:178 Resp: 43471
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.4 23.2
 179 14.6 12.6 19.0



#75
 Fluoranthene
 Concen: 37.125 ng
 RT: 12.469 min Scan# 1731
 Delta R.T. -0.000 min
 Lab File: BF128974.D
 Acq: 24 Jun 2022 01:56

Tgt Ion:202 Resp: 350391
 Ion Ratio Lower Upper
 202 100
 101 7.1 0.0 31.4
 203 17.6 0.0 38.0

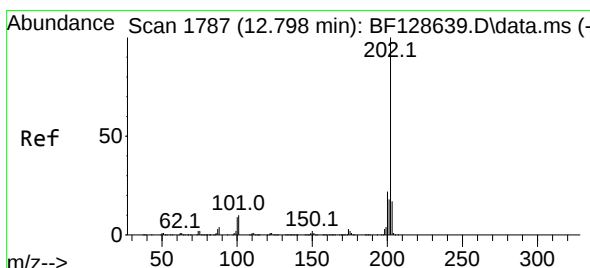
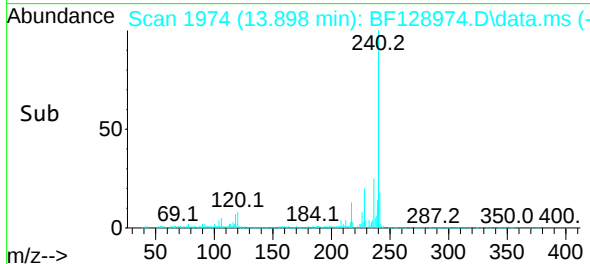
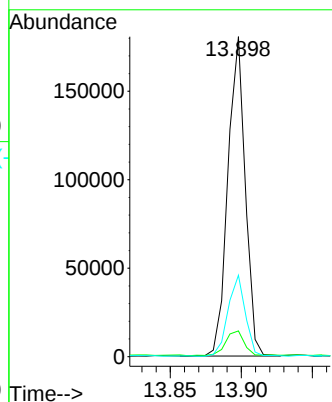
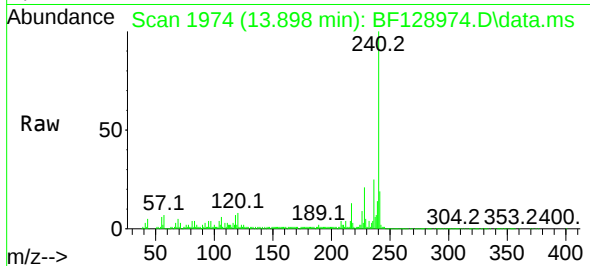




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.898 min Scan# 1991
Delta R.T. -0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

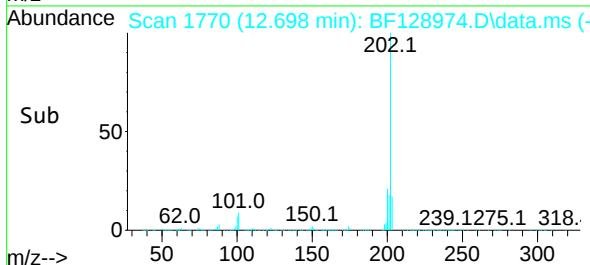
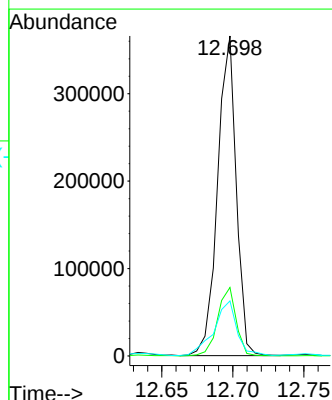
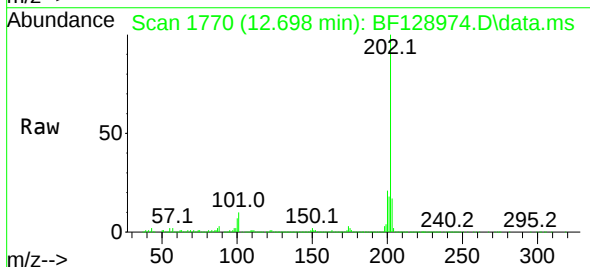
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

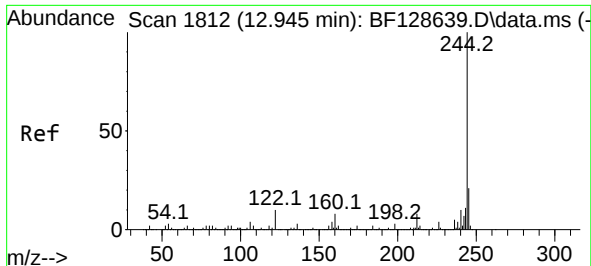
Tgt Ion:240 Resp: 153114
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 25.5 20.8 31.2



#78
Pyrene
Concen: 29.243 ng
RT: 12.698 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion:202 Resp: 333122
Ion Ratio Lower Upper
202 100
200 21.4 17.7 26.5
203 17.2 14.6 21.8

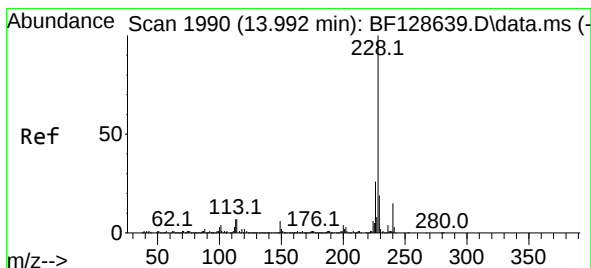
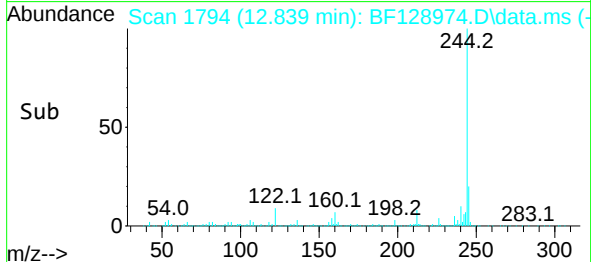
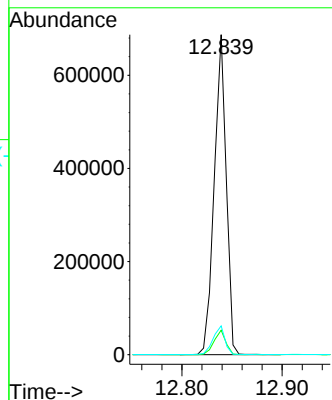
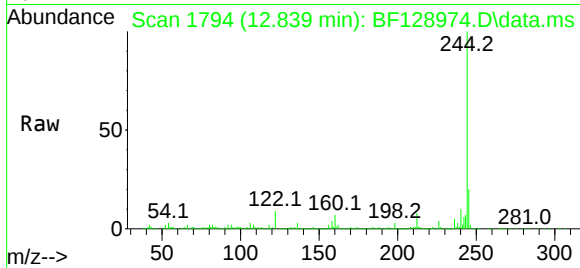




#79
 Terphenyl-d14
 Concen: 64.889 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128974.D
 Acq: 24 Jun 2022 01:56

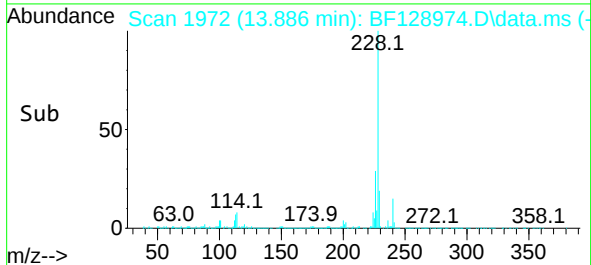
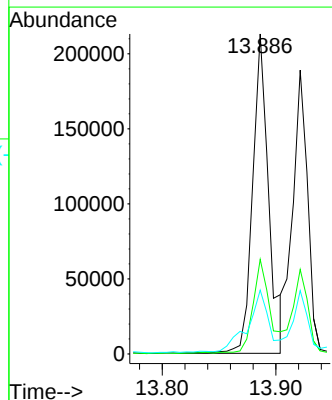
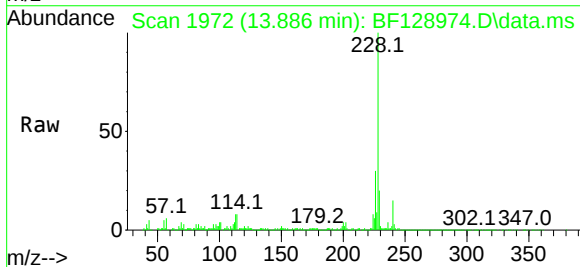
Instrument :
 BNA_F
 ClientSampleId :
 XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

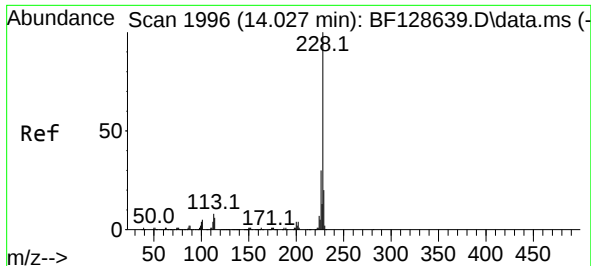
Tgt Ion:244 Resp: 571781
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 9.0 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 21.906 ng
 RT: 13.886 min Scan# 1972
 Delta R.T. 0.000 min
 Lab File: BF128974.D
 Acq: 24 Jun 2022 01:56

Tgt Ion:228 Resp: 209075
 Ion Ratio Lower Upper
 228 100
 226 29.6 22.1 33.1
 229 20.0 15.8 23.8

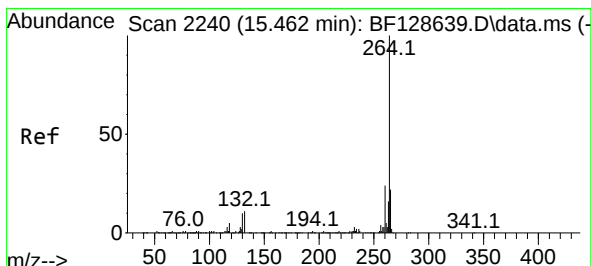
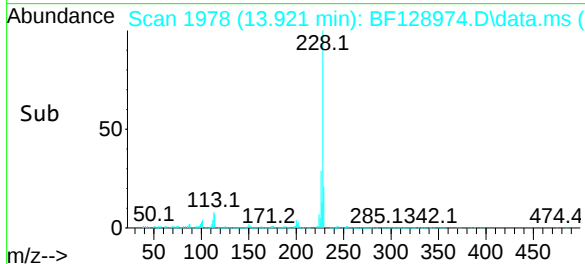
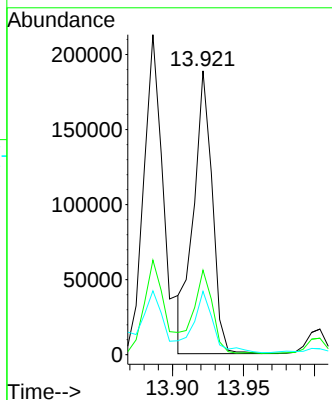
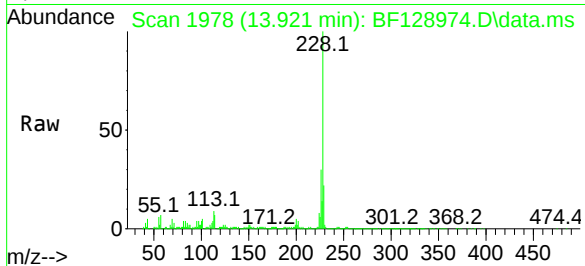




#83
Chrysene
Concen: 18.890 ng
RT: 13.921 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

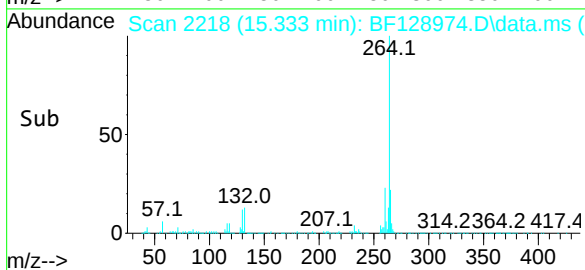
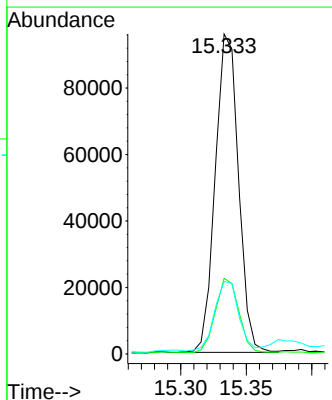
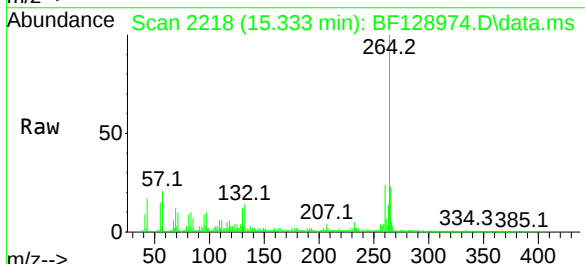
Instrument :
BNA_F
ClientSampleId :
XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

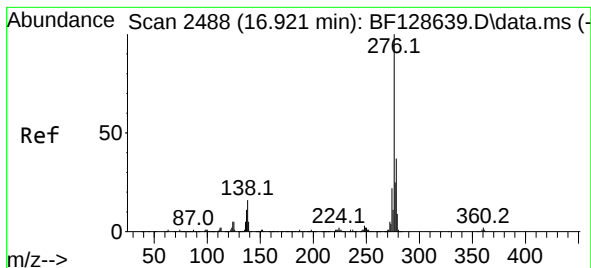
Tgt Ion:228 Resp: 171886
Ion Ratio Lower Upper
228 100
226 29.8 24.3 36.5
229 22.3 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.333 min Scan# 2218
Delta R.T. 0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion:264 Resp: 117931
Ion Ratio Lower Upper
264 100
260 23.7 18.4 27.6
265 22.6 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 10.273 ng

RT: 16.751 min Scan# 2149

Delta R.T. 0.006 min

Lab File: BF128974.D

Acq: 24 Jun 2022 01:56

Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

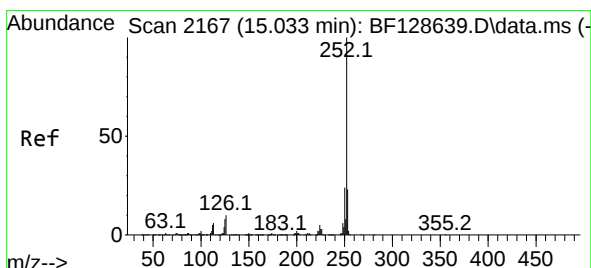
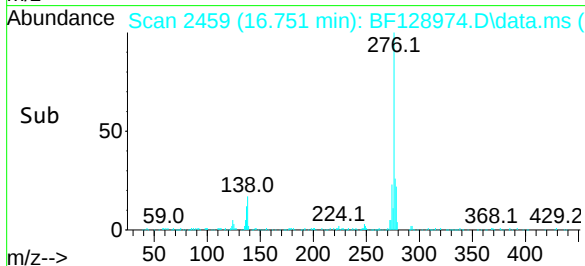
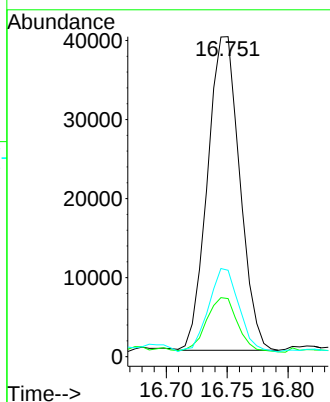
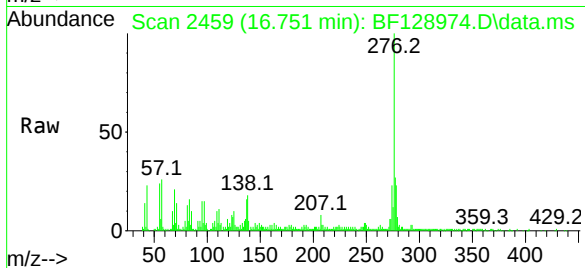
Tgt Ion:276 Resp: 73024

Ion Ratio Lower Upper

276 100

138 17.0 21.1 31.7#

277 25.1 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 37.068 ng

RT: 14.927 min Scan# 2149

Delta R.T. 0.006 min

Lab File: BF128974.D

Acq: 24 Jun 2022 01:56

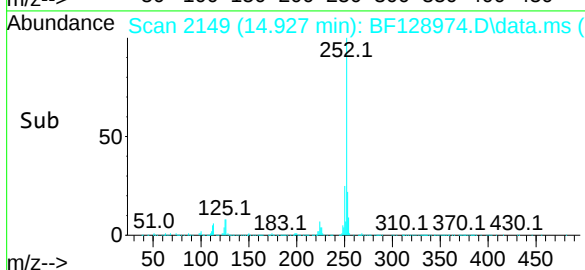
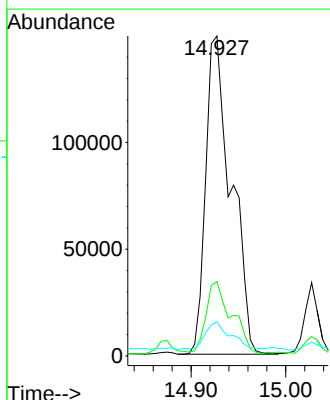
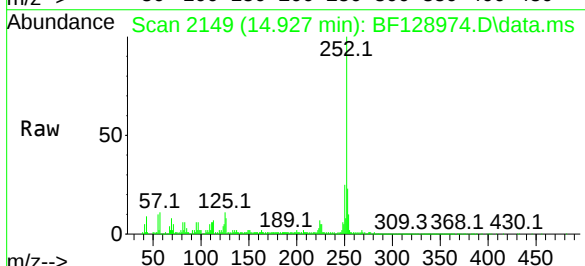
Tgt Ion:252 Resp: 279333

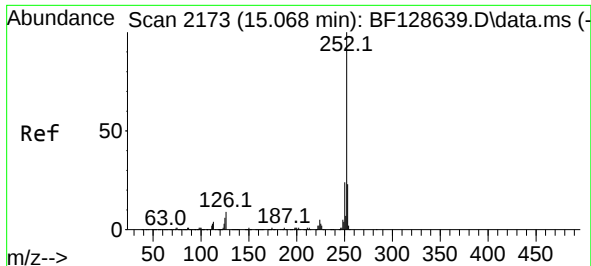
Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 10.7 8.0 12.0

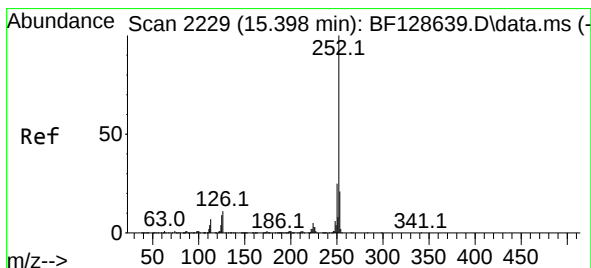
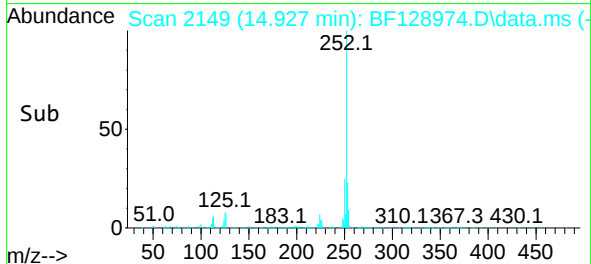
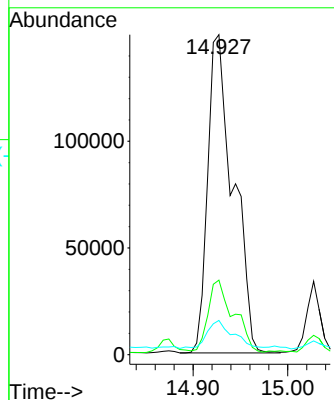
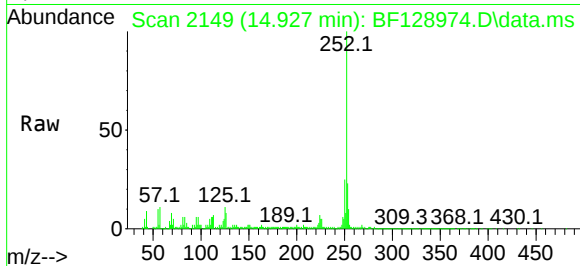




#89
Benzo(k)fluoranthene
Concen: 39.405 ng
RT: 14.927 min Scan# 2173
Delta R.T. -0.024 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

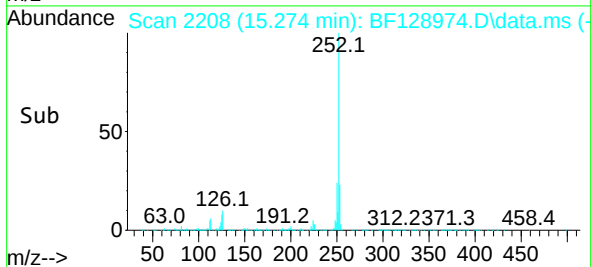
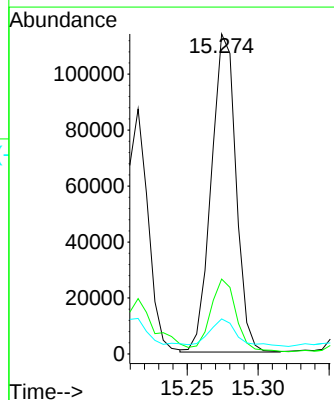
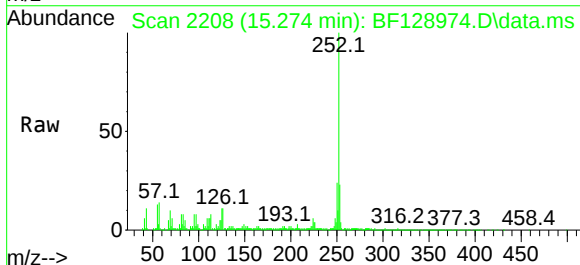
Instrument : BNA_F
ClientSampleId : XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

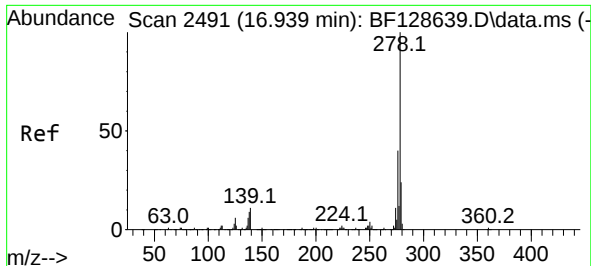
Tgt Ion:252 Resp: 279333
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 10.7 8.3 12.5



#90
Benzo(a)pyrene
Concen: 23.221 ng
RT: 15.274 min Scan# 2208
Delta R.T. -0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion:252 Resp: 137534
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 11.0 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 3.500 ng
RT: 16.745 min Scan# 2491
Delta R.T. -0.006 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

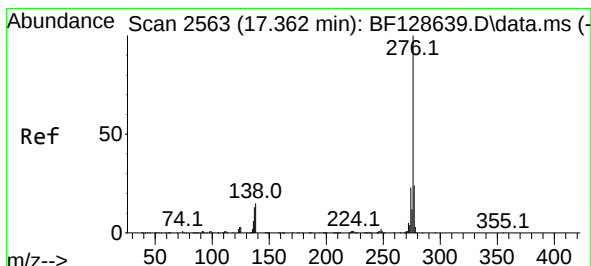
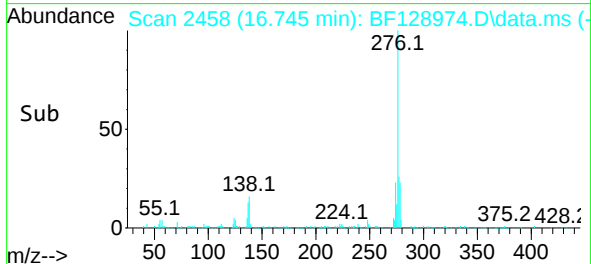
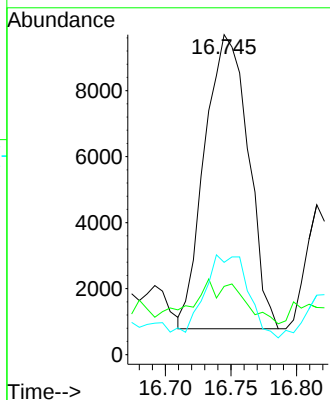
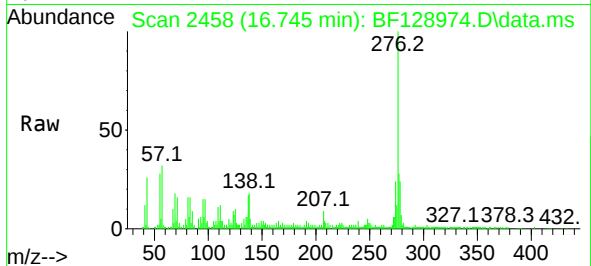
Instrument :

BNA_F

ClientSampleId :

XRDS-SCREENED-CLEAN-FILL-SP-A-COMP

Tgt Ion:278 Resp: 20636
Ion Ratio Lower Upper
278 100
139 21.4 12.8 19.2#
279 28.9 18.6 28.0#



#92
Benzo(g,h,i)perylene
Concen: 12.057 ng
RT: 17.168 min Scan# 2530
Delta R.T. 0.000 min
Lab File: BF128974.D
Acq: 24 Jun 2022 01:56

Tgt Ion:276 Resp: 70451
Ion Ratio Lower Upper
276 100
277 24.0 19.1 28.7
138 16.7 18.0 27.0#

