

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128999.D
 Acq On : 24 Jun 2022 19:57
 Operator : CG\JU
 Sample : N3455-09 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-EXC-2-2

Quant Time: Jun 25 06:15:49 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)

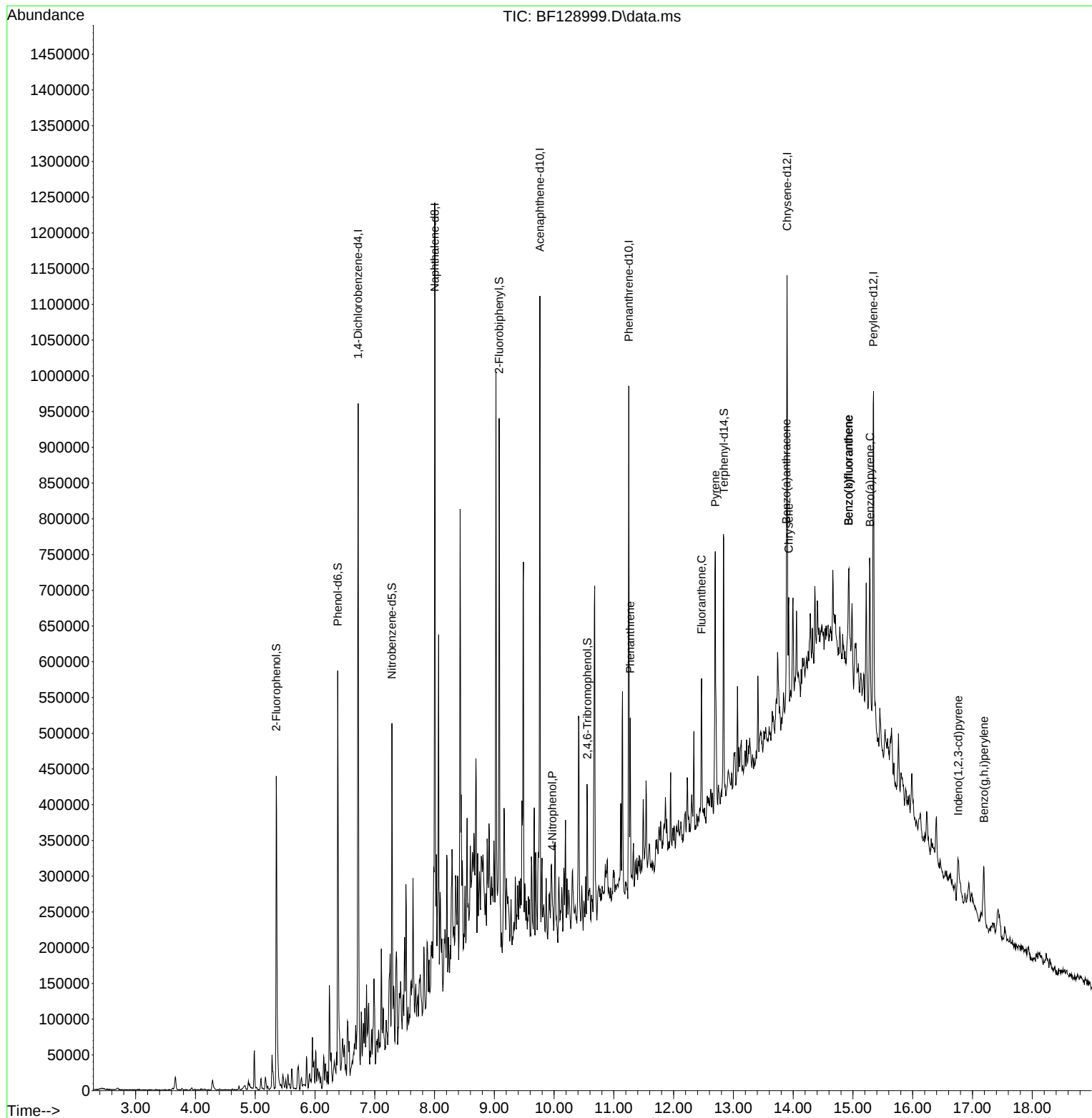
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	115174	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	416660	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	150783	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	226442	20.000	ng	0.00
76) Chrysene-d12	13.898	240	187867	20.000	ng	0.00
86) Perylene-d12	15.345	264	145423	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	129608	17.925	ng	0.00
7) Phenol-d6	6.381	99	165497	18.750	ng	0.00
23) Nitrobenzene-d5	7.286	82	110239	12.318	ng	-0.02
42) 2,4,6-Tribromophenol	10.557	330	20711	11.625	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	195644	18.176	ng	-0.01
79) Terphenyl-d14	12.839	244	128383	11.875	ng	0.00
Target Compounds						
					Qvalue	
56) 4-Nitrophenol	9.969	139	4772	2.978	ng	# 56
71) Phenanthrene	11.274	178	75274	6.627	ng	98
75) Fluoranthene	12.468	202	78994	6.654	ng	95
78) Pyrene	12.698	202	99568	7.124	ng	98
81) Benzo(a)anthracene	13.886	228	61387	5.242	ng	93
83) Chrysene	13.927	228	67371	6.034	ng	95
87) Indeno(1,2,3-cd)pyrene	16.762	276	36278	4.139	ng	# 89
88) Benzo(b)fluoranthene	14.927	252	92947	10.003	ng	# 87
89) Benzo(k)fluoranthene	14.927	252	92947	10.633	ng	# 88
90) Benzo(a)pyrene	15.286	252	91706	12.557	ng	99
92) Benzo(g,h,i)perylene	17.192	276	57023	7.914	ng	95

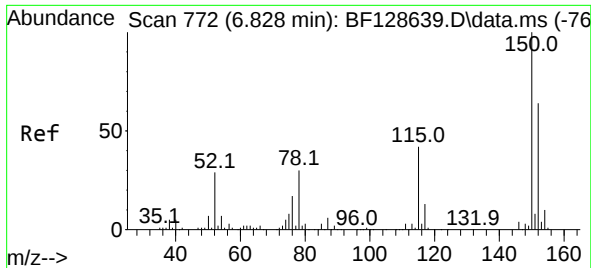
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128999.D
Acq On : 24 Jun 2022 19:57
Operator : CG\JU
Sample : N3455-09 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

Quant Time: Jun 25 06:15:49 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

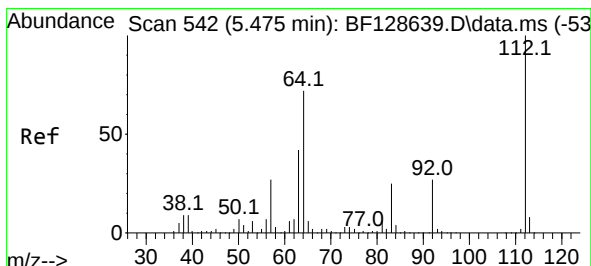
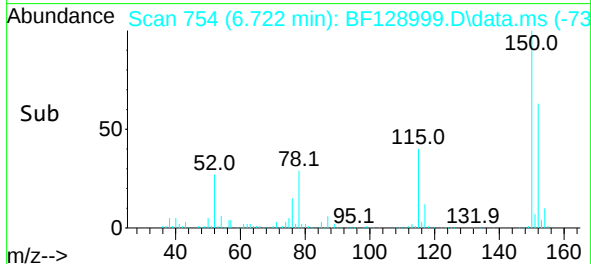
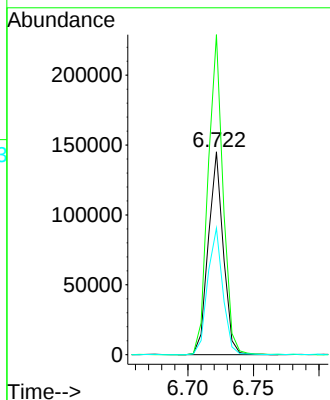
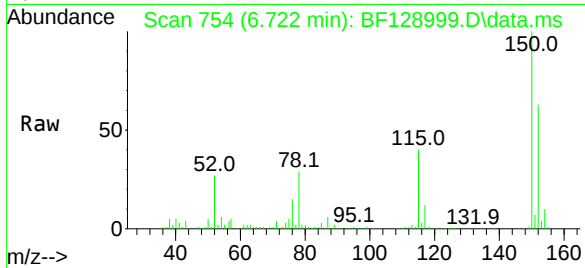




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

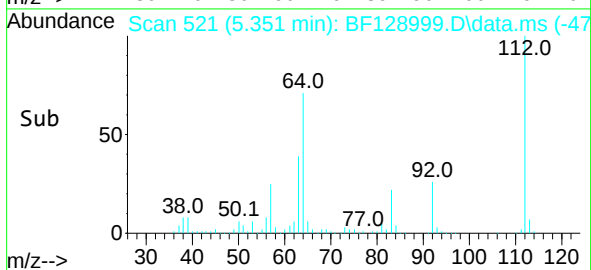
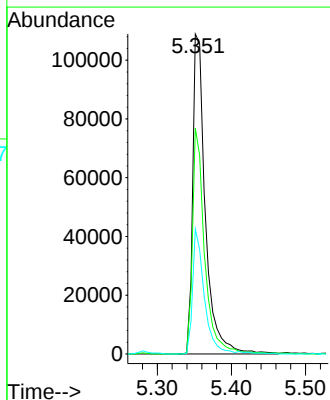
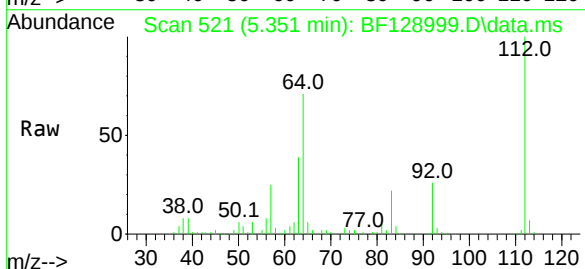
Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

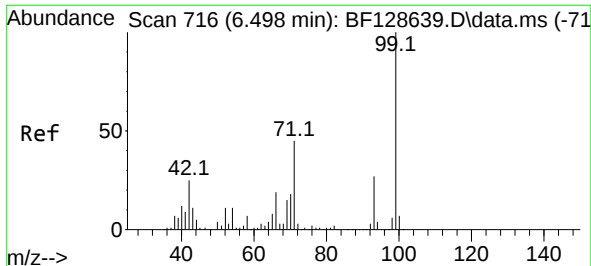
Tgt Ion:152 Resp: 115174
Ion Ratio Lower Upper
152 100
150 157.8 123.7 185.5
115 62.4 49.9 74.9



#5
2-Fluorophenol
Concen: 17.925 ng
RT: 5.351 min Scan# 521
Delta R.T. -0.006 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

Tgt Ion:112 Resp: 129608
Ion Ratio Lower Upper
112 100
64 70.6 53.3 79.9
63 39.1 28.0 42.0

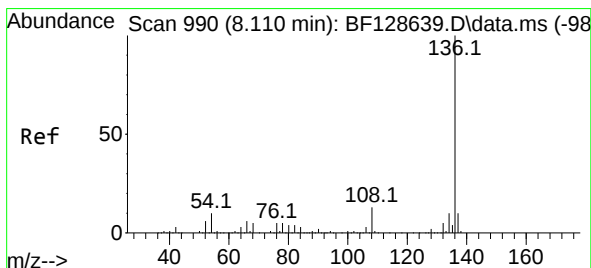
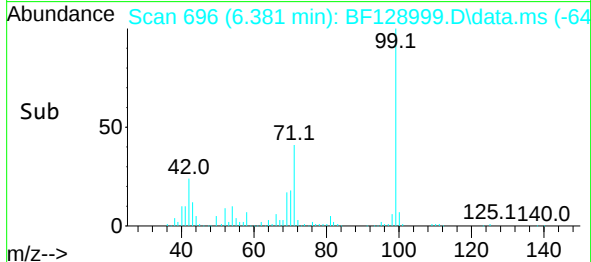
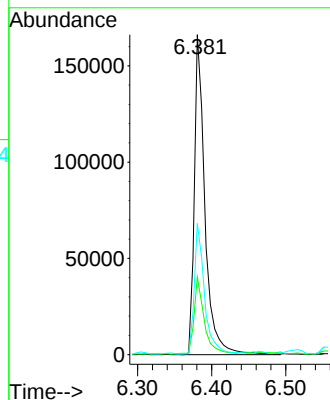
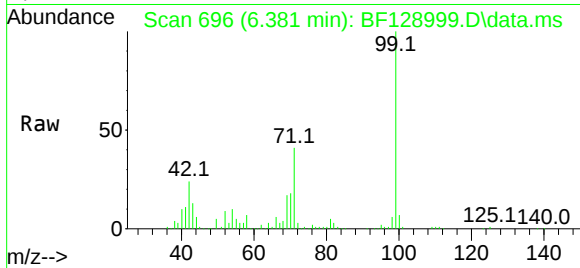




#7
Phenol-d6
Concen: 18.750 ng
RT: 6.381 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

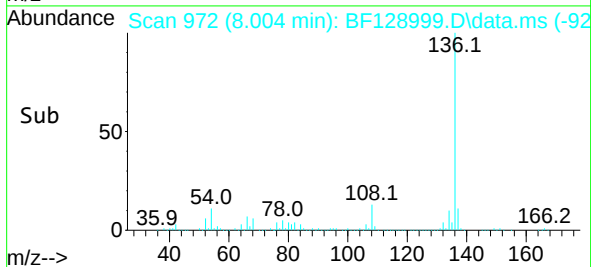
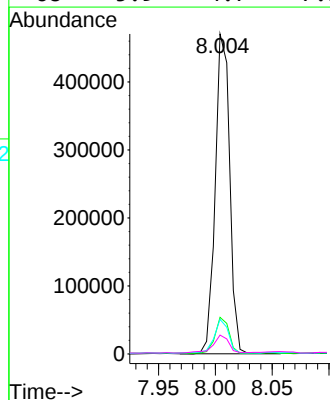
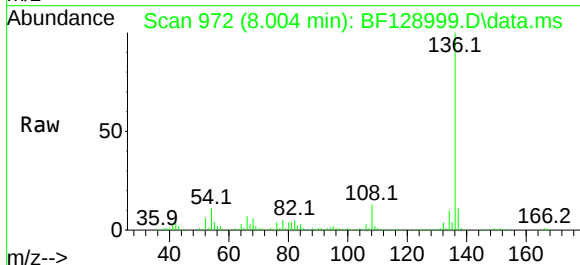
Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

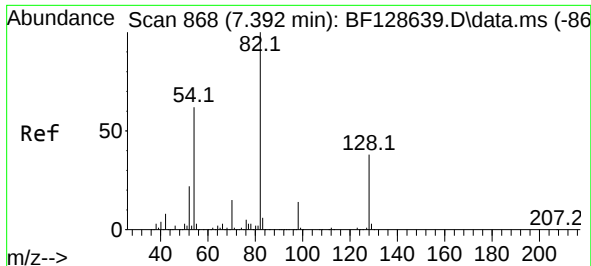
Tgt Ion: 99 Resp: 165497
Ion Ratio Lower Upper
99 100
42 24.3 17.3 25.9
71 41.0 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

Tgt Ion: 136 Resp: 416660
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 10.8 7.5 11.3
68 5.9 4.7 7.1

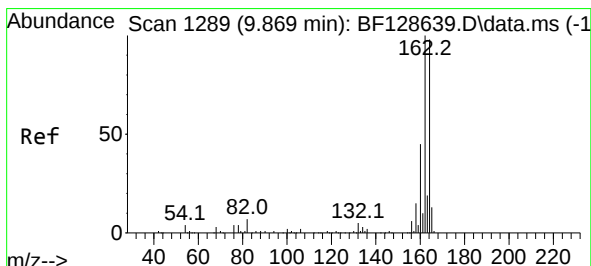
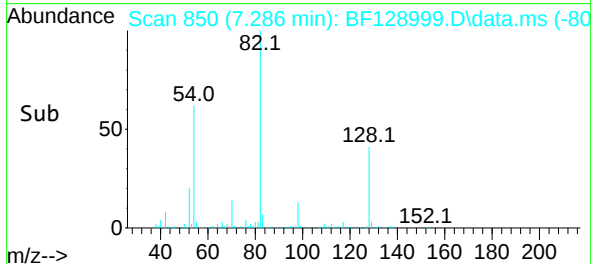
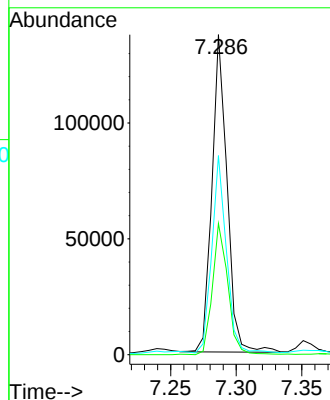
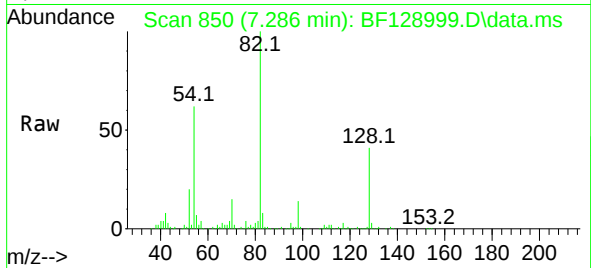




#23
Nitrobenzene-d5
Concen: 12.318 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

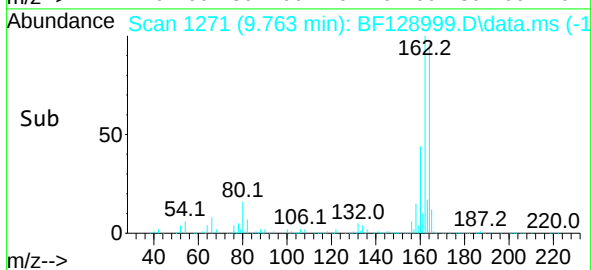
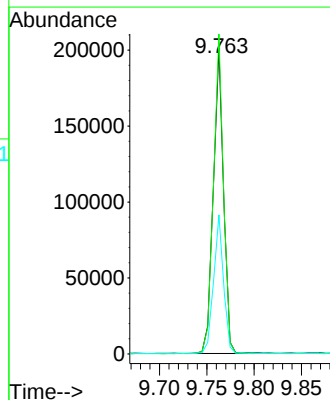
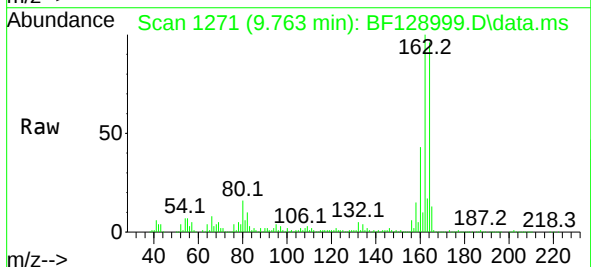
Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

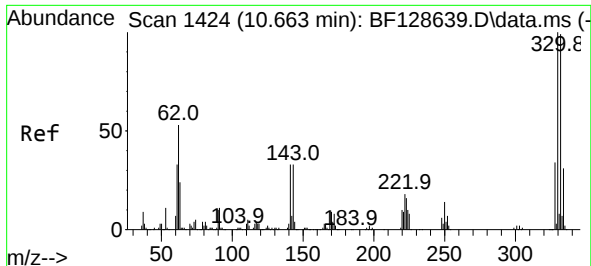
Tgt Ion: 82 Resp: 110239
Ion Ratio Lower Upper
82 100
128 41.0 34.0 51.0
54 62.2 46.9 70.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

Tgt Ion:164 Resp: 150783
Ion Ratio Lower Upper
164 100
162 104.6 79.5 119.3
160 45.5 34.2 51.4

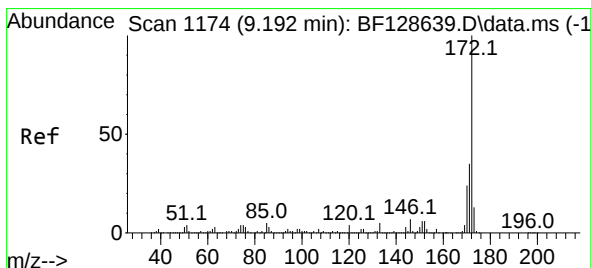
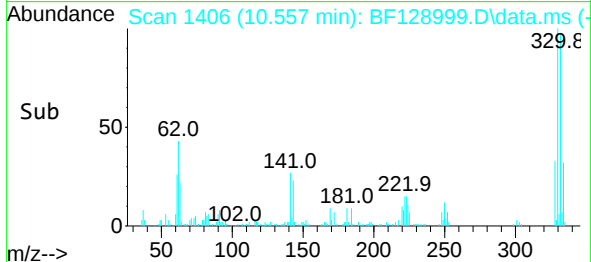
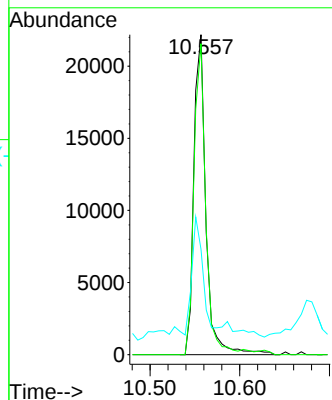
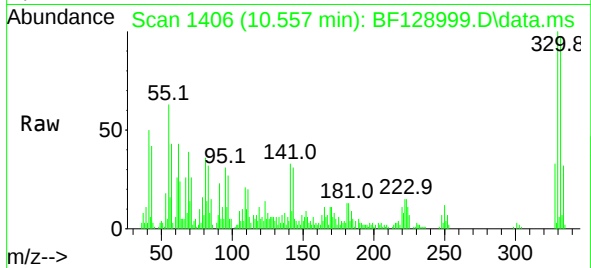




#42
 2,4,6-Tribromophenol
 Concen: 11.625 ng
 RT: 10.557 min Scan# 1424
 Delta R.T. -0.006 min
 Lab File: BF128999.D
 Acq: 24 Jun 2022 19:57

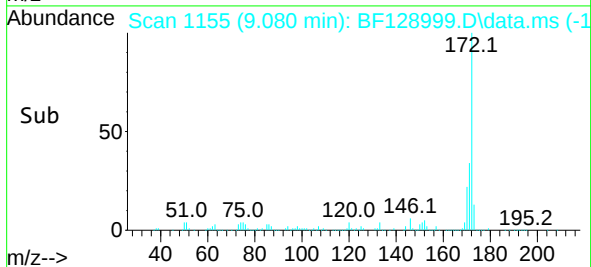
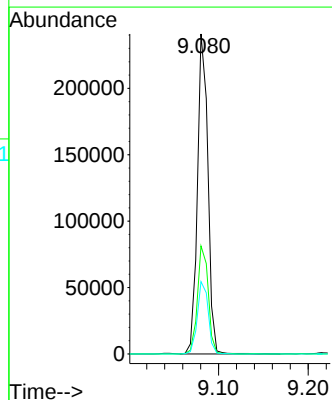
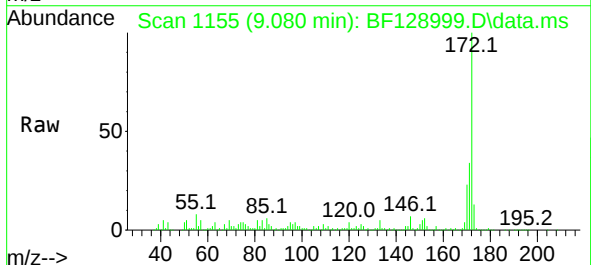
Instrument :
 BNA_F
 ClientSampleId :
 SP-EXC-2-2

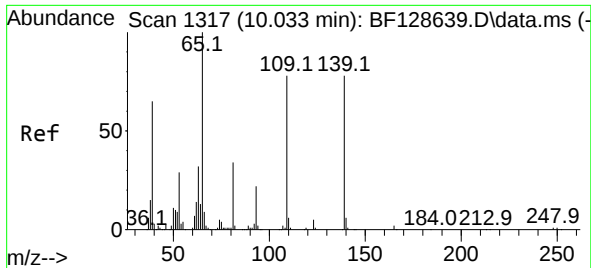
Tgt Ion:330 Resp: 20711
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.8 115.2
 141 30.8 28.0 42.0



#45
 2-Fluorobiphenyl
 Concen: 18.176 ng
 RT: 9.080 min Scan# 1155
 Delta R.T. -0.012 min
 Lab File: BF128999.D
 Acq: 24 Jun 2022 19:57

Tgt Ion:172 Resp: 195644
 Ion Ratio Lower Upper
 172 100
 171 33.8 28.8 43.2
 170 22.6 19.8 29.8

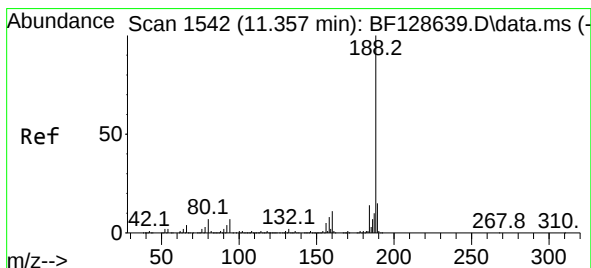
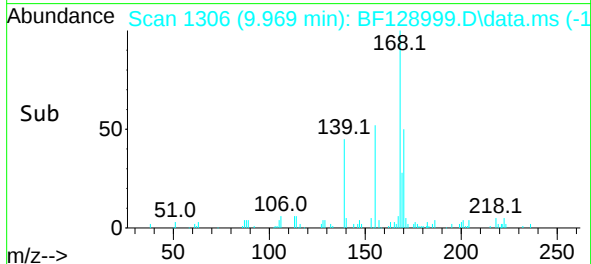
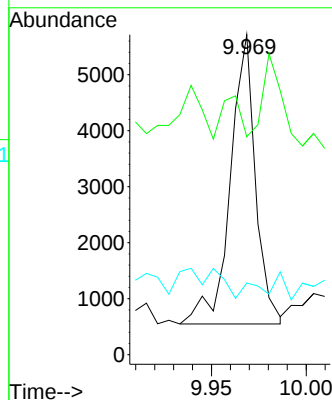
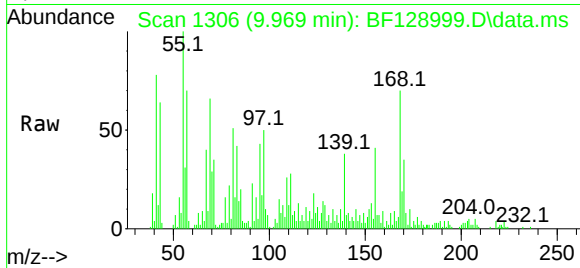




#56
4-Nitrophenol
Concen: 2.978 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.041 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

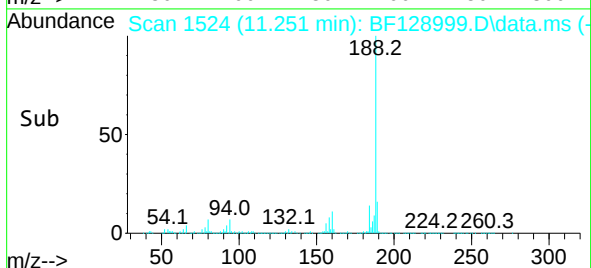
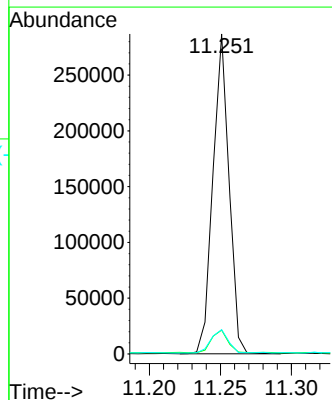
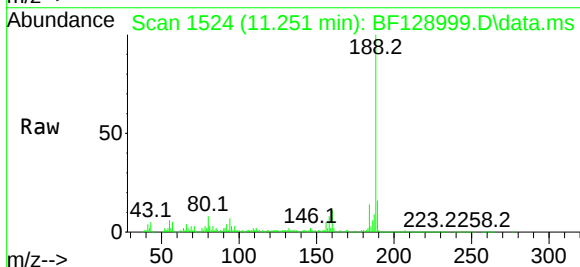
Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

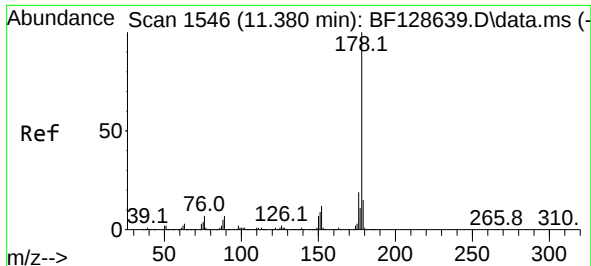
Tgt Ion:139 Resp: 4772
Ion Ratio Lower Upper
139 100
109 68.1 50.7 90.7
65 22.4 74.5 114.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

Tgt Ion:188 Resp: 226442
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 7.6 7.6 11.4

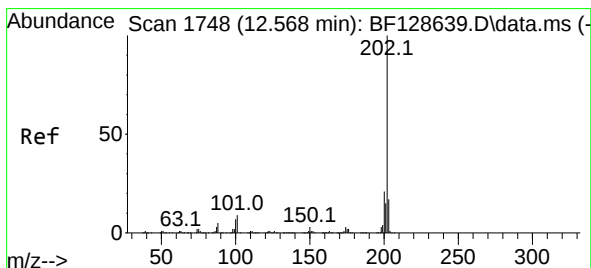
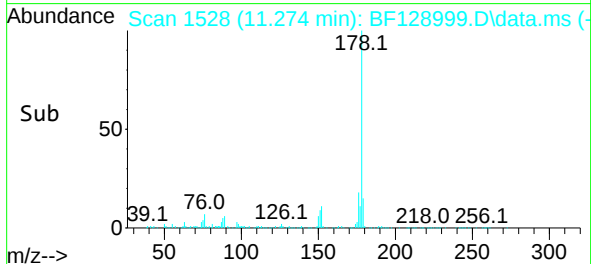
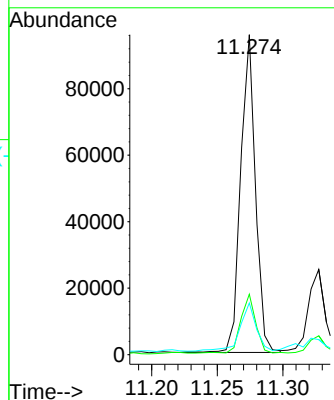
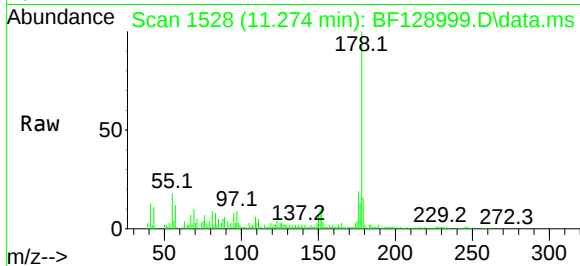




#71
Phenanthrene
Concen: 6.627 ng
RT: 11.274 min Scan# 11274
Delta R.T. -0.006 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

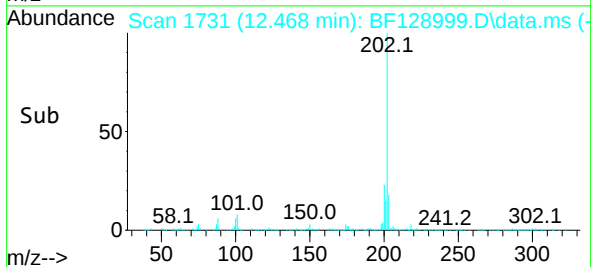
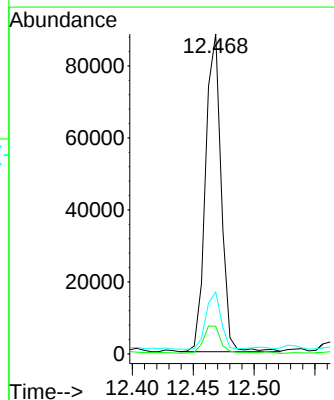
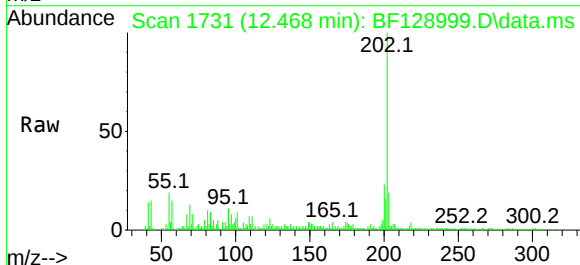
Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

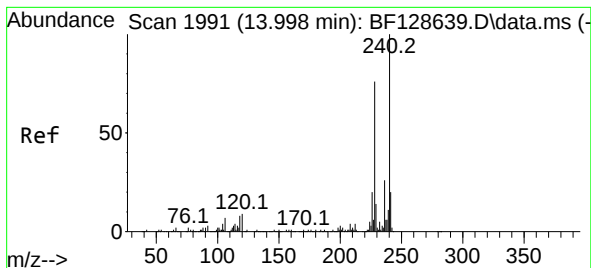
Tgt Ion:178 Resp: 75274
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 16.1 12.6 19.0



#75
Fluoranthene
Concen: 6.654 ng
RT: 12.468 min Scan# 1731
Delta R.T. -0.000 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

Tgt Ion:202 Resp: 78994
Ion Ratio Lower Upper
202 100
101 8.7 0.0 31.4
203 19.4 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: BF128999.D

Acq: 24 Jun 2022 19:57

Instrument :

BNA_F

ClientSampleId :

SP-EXC-2-2

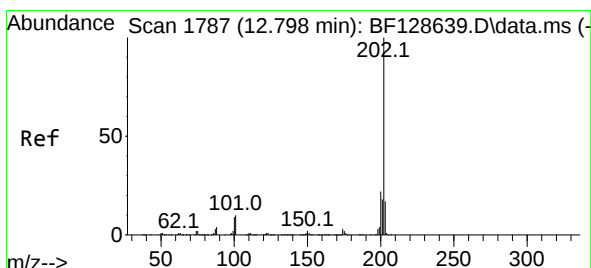
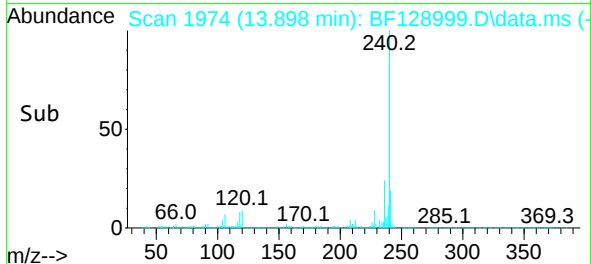
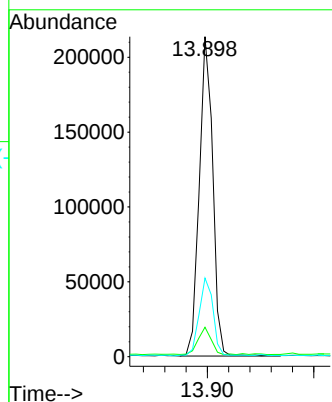
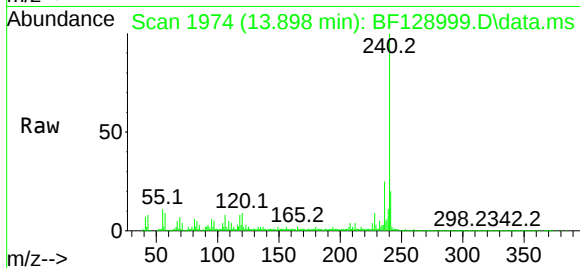
Tgt Ion:240 Resp: 187867

Ion Ratio Lower Upper

240 100

120 9.2 8.9 13.3

236 24.5 20.8 31.2



#78

Pyrene

Concen: 7.124 ng

RT: 12.698 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BF128999.D

Acq: 24 Jun 2022 19:57

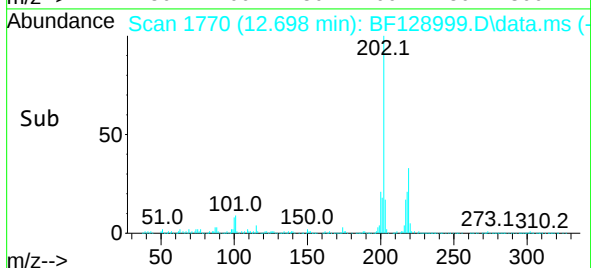
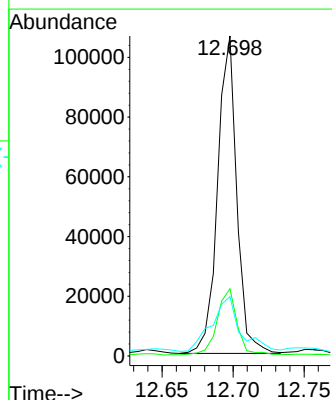
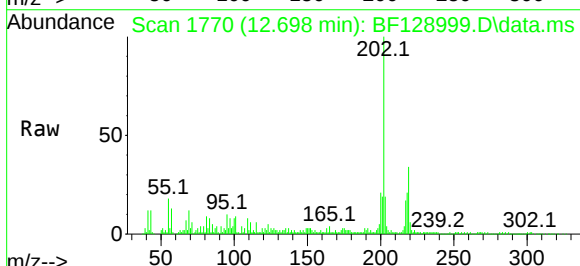
Tgt Ion:202 Resp: 99568

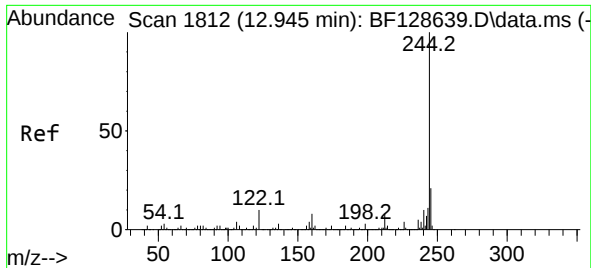
Ion Ratio Lower Upper

202 100

200 21.0 17.7 26.5

203 18.6 14.6 21.8

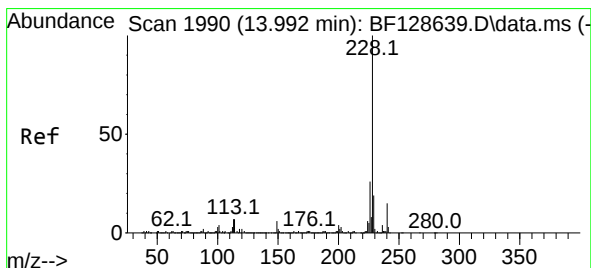
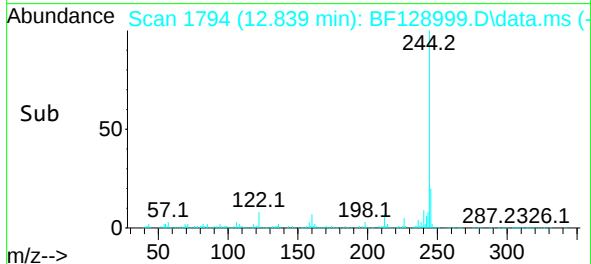
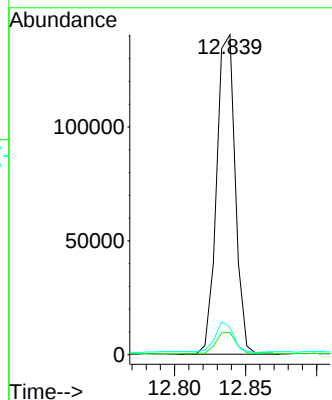
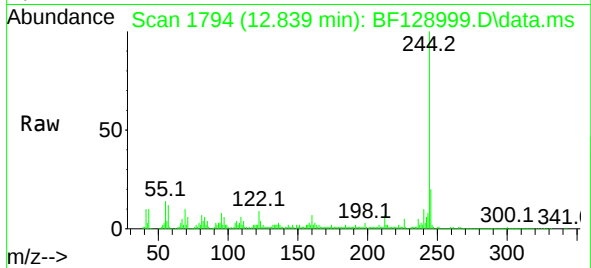




#79
 Terphenyl-d14
 Concen: 11.875 ng
 RT: 12.839 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: BF128999.D
 Acq: 24 Jun 2022 19:57

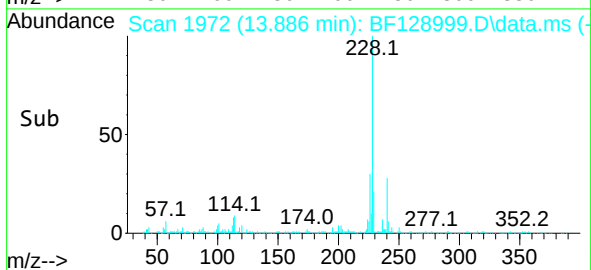
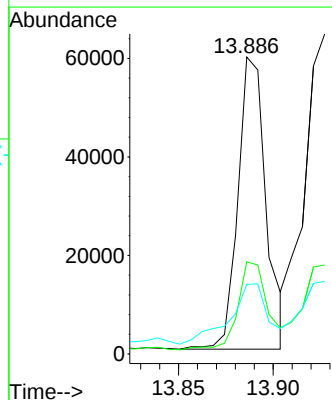
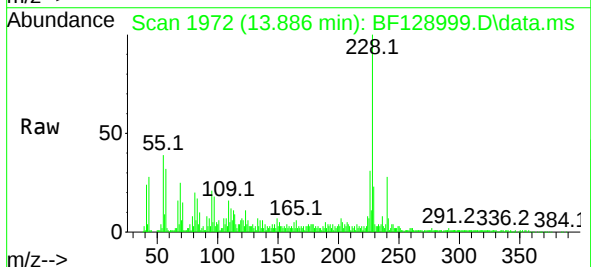
Instrument :
 BNA_F
 ClientSampleId :
 SP-EXC-2-2

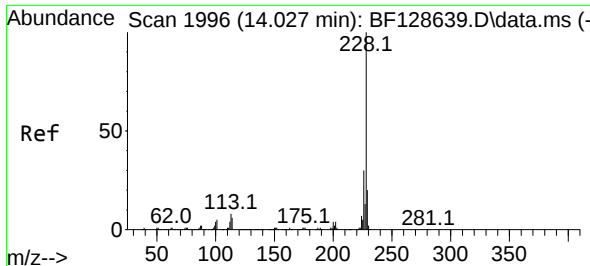
Tgt Ion:244 Resp: 128383
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 8.5 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 5.242 ng
 RT: 13.886 min Scan# 1972
 Delta R.T. -0.000 min
 Lab File: BF128999.D
 Acq: 24 Jun 2022 19:57

Tgt Ion:228 Resp: 61387
 Ion Ratio Lower Upper
 228 100
 226 31.0 22.1 33.1
 229 23.5 15.8 23.8

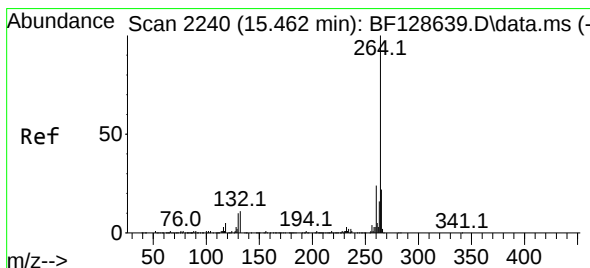
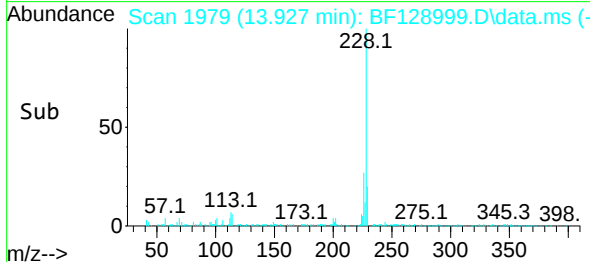
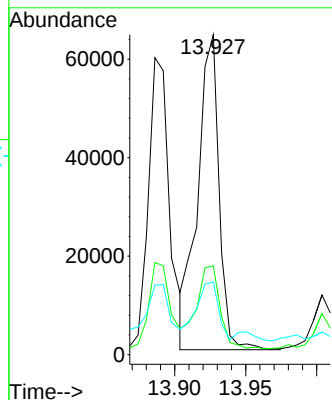
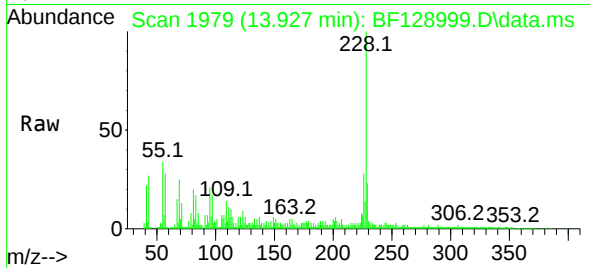




#83
Chrysene
Concen: 6.034 ng
RT: 13.927 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

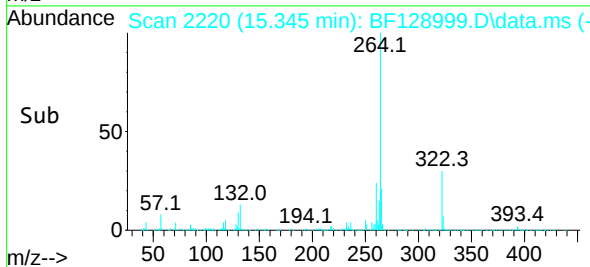
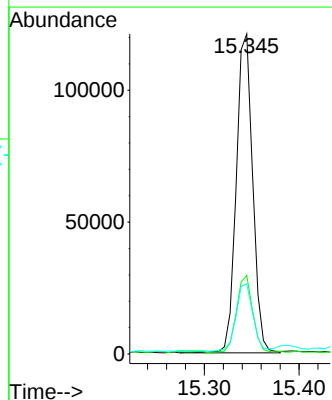
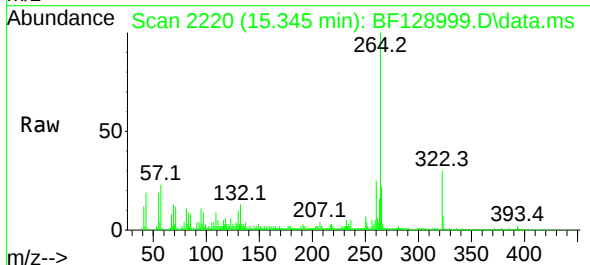
Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2

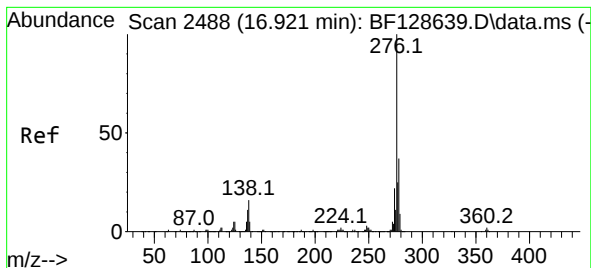
Tgt Ion:228 Resp: 67371
Ion Ratio Lower Upper
228 100
226 27.8 24.3 36.5
229 22.7 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 2220
Delta R.T. 0.017 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

Tgt Ion:264 Resp: 145423
Ion Ratio Lower Upper
264 100
260 24.5 18.4 27.6
265 21.9 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.139 ng

RT: 16.762 min Scan# 2149

Delta R.T. 0.017 min

Lab File: BF128999.D

Acq: 24 Jun 2022 19:57

Instrument :

BNA_F

ClientSampleId :

SP-EXC-2-2

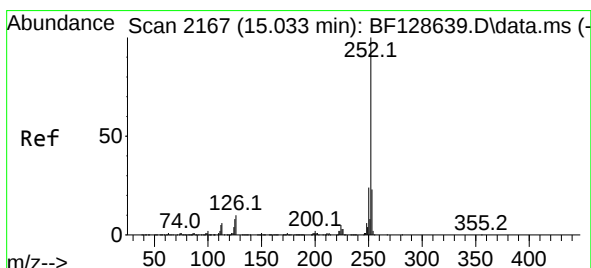
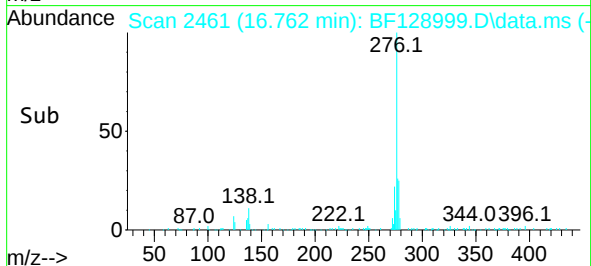
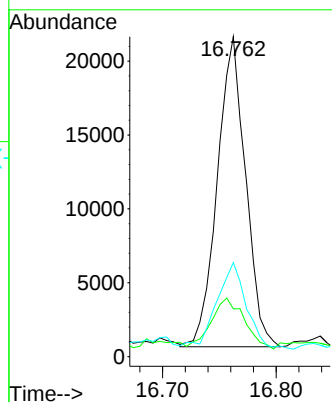
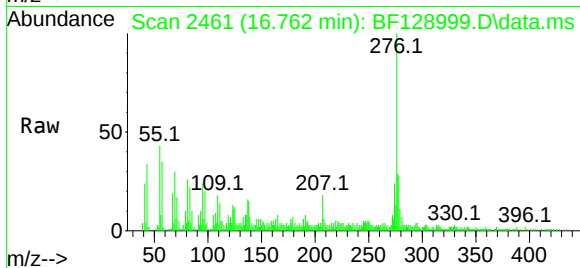
Tgt Ion:276 Resp: 36278

Ion Ratio Lower Upper

276 100

138 19.3 21.1 31.7#

277 29.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 10.003 ng

RT: 14.927 min Scan# 2149

Delta R.T. 0.006 min

Lab File: BF128999.D

Acq: 24 Jun 2022 19:57

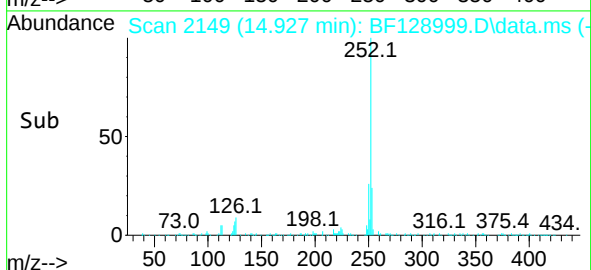
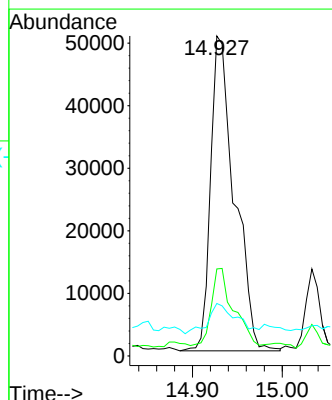
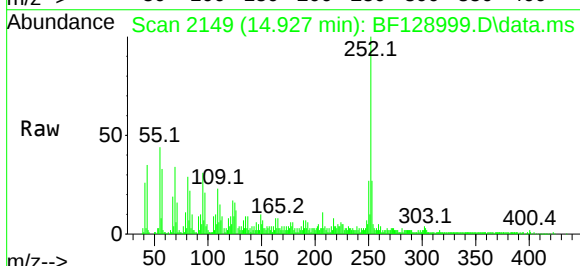
Tgt Ion:252 Resp: 92947

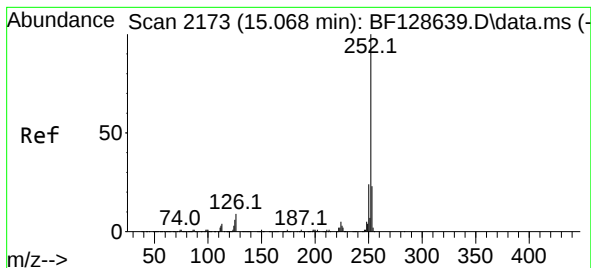
Ion Ratio Lower Upper

252 100

253 27.2 17.7 26.5#

125 16.4 8.0 12.0#





#89

Benzo(k)fluoranthene

Concen: 10.633 ng

RT: 14.927 min Scan# 2173

Delta R.T. -0.024 min

Lab File: BF128999.D

Acq: 24 Jun 2022 19:57

Instrument :

BNA_F

ClientSampleId :

SP-EXC-2-2

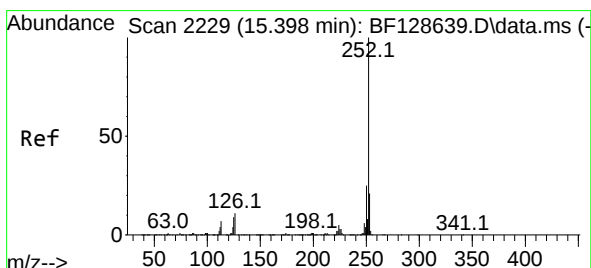
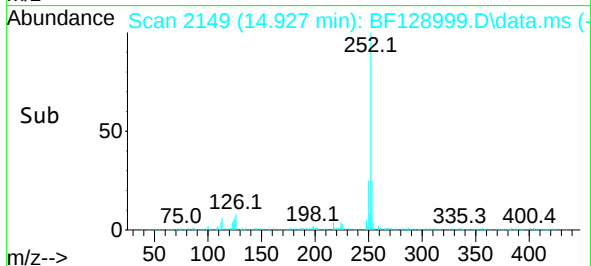
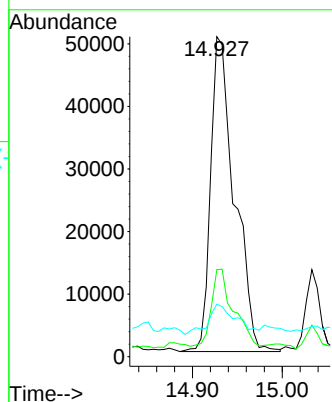
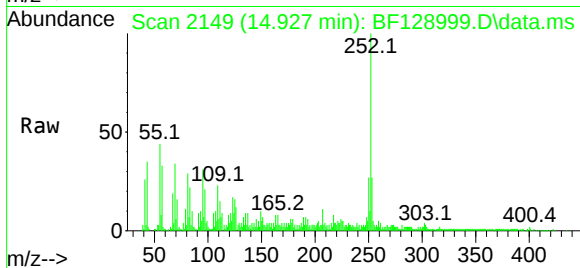
Tgt Ion:252 Resp: 92947

Ion Ratio Lower Upper

252 100

253 27.2 17.8 26.6#

125 16.4 8.3 12.5#



#90

Benzo(a)pyrene

Concen: 12.557 ng

RT: 15.286 min Scan# 2210

Delta R.T. 0.012 min

Lab File: BF128999.D

Acq: 24 Jun 2022 19:57

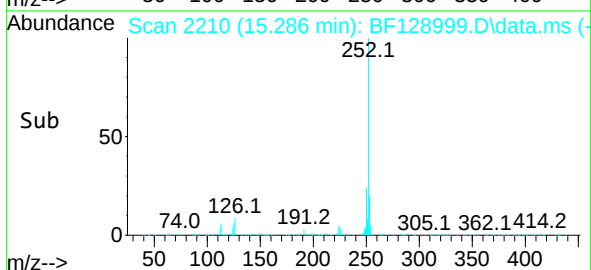
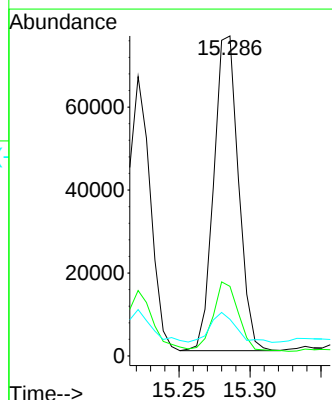
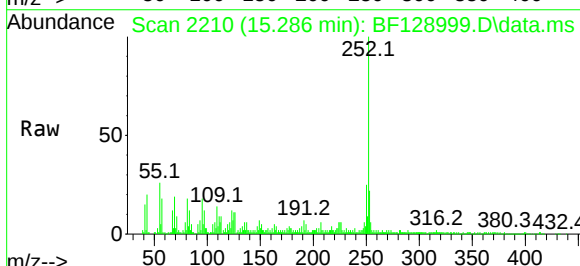
Tgt Ion:252 Resp: 91706

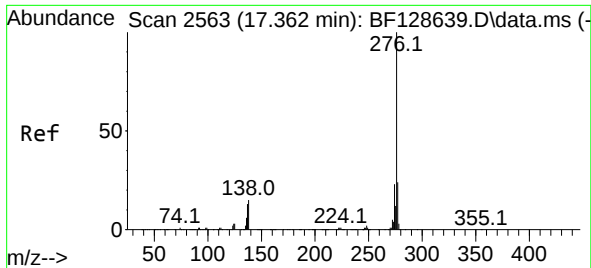
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

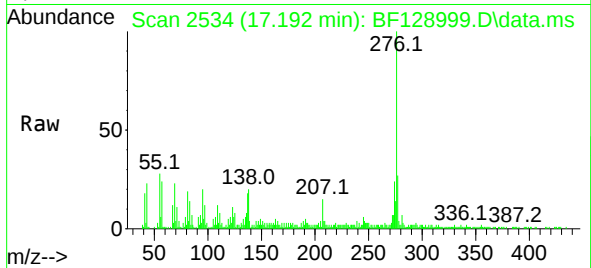
125 11.5 8.8 13.2





#92
Benzo(g,h,i)perylene
Concen: 7.914 ng
RT: 17.192 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF128999.D
Acq: 24 Jun 2022 19:57

Instrument :
BNA_F
ClientSampleId :
SP-EXC-2-2



Tgt Ion: 276 Resp: 57023

Ion	Ratio	Lower	Upper
276	100		
277	27.1	19.1	28.7
138	23.9	18.0	27.0

