

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128963.D
 Acq On : 23 Jun 2022 20:37
 Operator : CG\JU
 Sample : N3467-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 QA-QC-COMP-XRDS008-22

Quant Time: Jun 24 04:34:13 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)

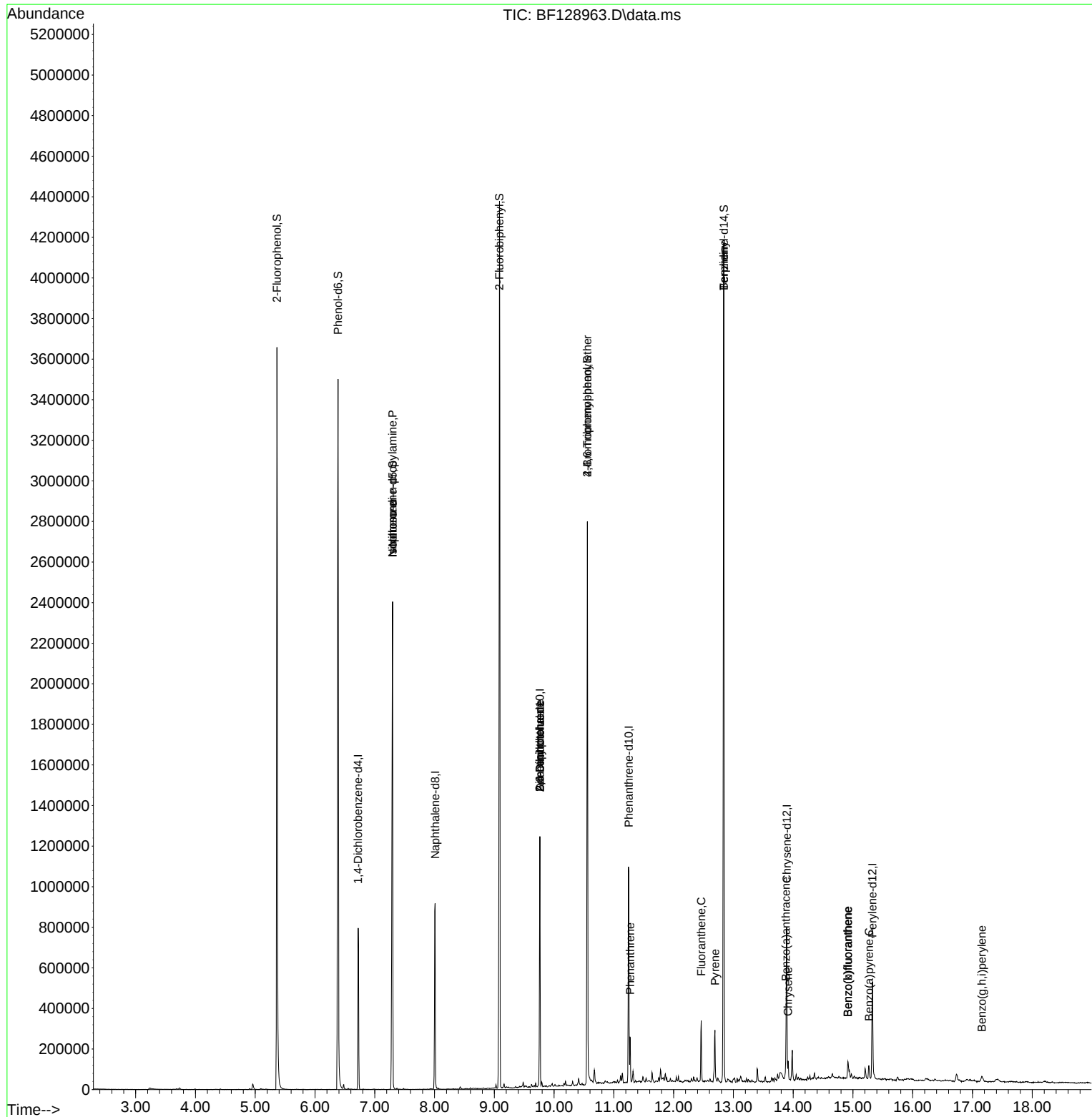
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	110455	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	409682	20.000	ng	# 0.00
39) Acenaphthene-d10	9.763	164	227568	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	408475	20.000	ng	# 0.00
76) Chrysene-d12	13.892	240	244919	20.000	ng	# 0.00
86) Perylene-d12	15.327	264	214577	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	907431	130.857	ng	0.00
7) Phenol-d6	6.386	99	1132709	133.815	ng	0.00
23) Nitrobenzene-d5	7.298	82	828129	94.113	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	320622	119.242	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1439477	88.607	ng	0.00
79) Terphenyl-d14	12.839	244	1388357	98.500	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.298	70	117406	22.308	ng	# 76
25) Isophorone	7.298	82	808450	60.494	ng	# 65
50) Dimethylphthalate	9.763	163	42250	2.712	ng	# 1
51) 2,6-Dinitrotoluene	9.763	165	30298	9.855	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	30298	7.385	ng	# 21
67) 4-Bromophenyl-phenylether	10.557	248	20437	4.486	ng	# 1
71) Phenanthrene	11.274	178	83070	4.055	ng	97
75) Fluoranthene	12.463	202	114923	5.366	ng	97
77) Benzidine	12.839	184	20763	4.253	ng	# 96
78) Pyrene	12.692	202	105938	5.814	ng	98
81) Benzo(a)anthracene	13.880	228	40324	2.641	ng	97
83) Chrysene	13.915	228	36054	2.477	ng	99
88) Benzo(b)fluoranthene	14.915	252	57878	4.221	ng	97
89) Benzo(k)fluoranthene	14.915	252	57878	4.487	ng	97
90) Benzo(a)pyrene	15.268	252	29528	2.740	ng	97
92) Benzo(g,h,i)perylene	17.156	276	22710	2.136	ng	94

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

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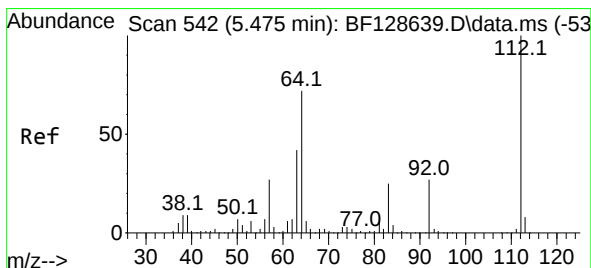
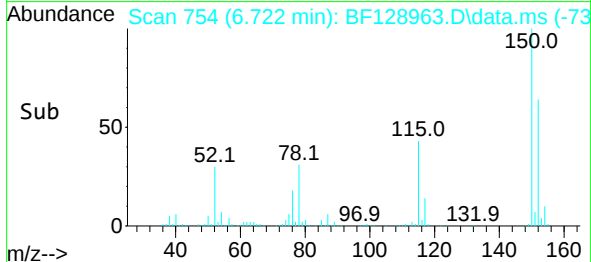
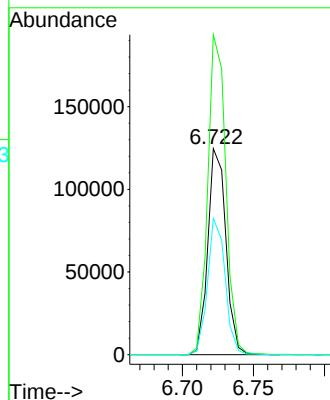
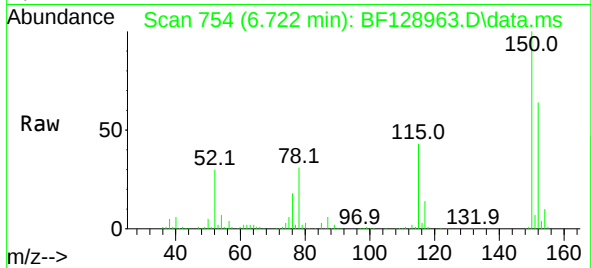




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

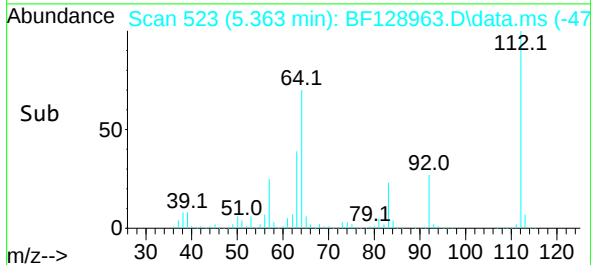
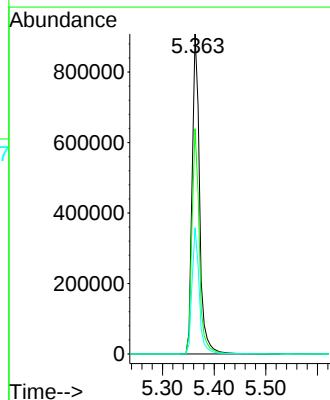
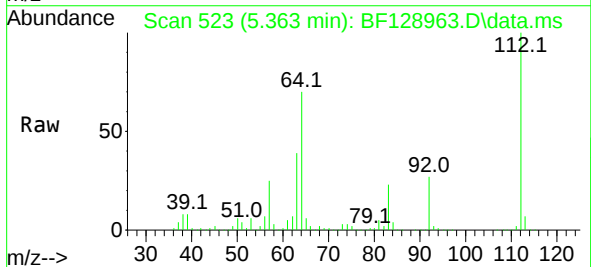
Instrument :
BNA_F
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QA-QC-COMP-XRDS008-22

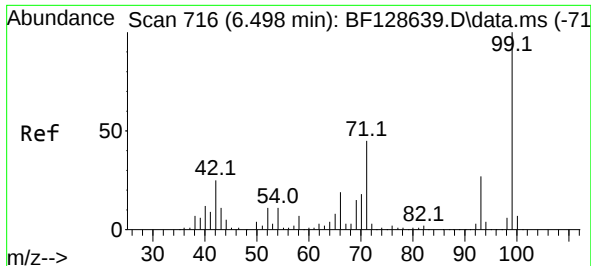
Tgt Ion:152 Resp: 110455
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 66.2 49.9 74.9



#5
2-Fluorophenol
Concen: 130.857 ng
RT: 5.363 min Scan# 523
Delta R.T. 0.006 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

Tgt Ion:112 Resp: 907431
Ion Ratio Lower Upper
112 100
64 70.4 53.3 79.9
63 39.4 28.0 42.0

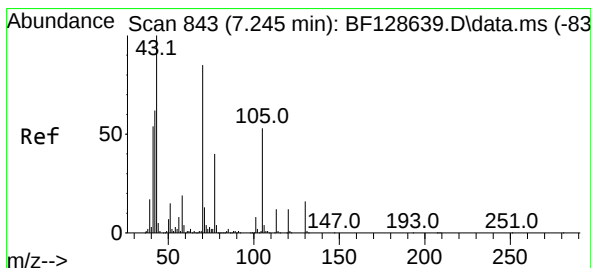
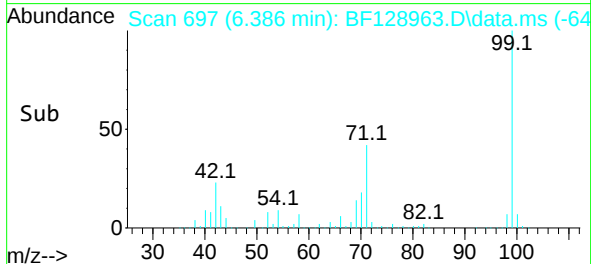
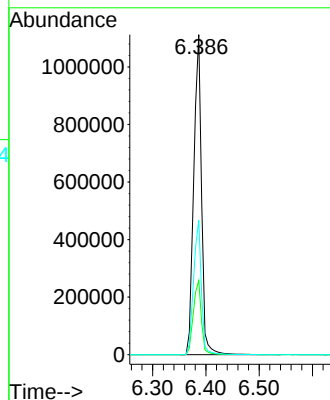
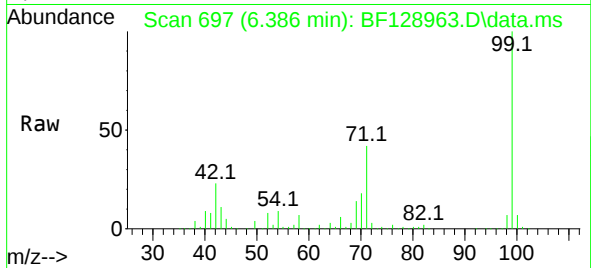




#7
Phenol-d6
Concen: 133.815 ng
RT: 6.386 min Scan# 64
Delta R.T. -0.000 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

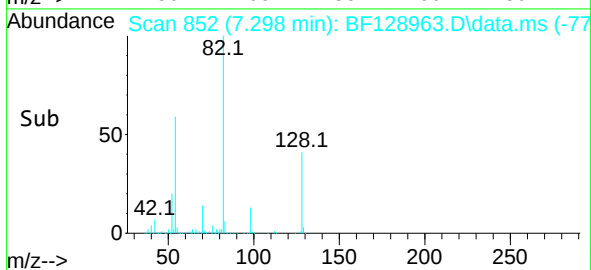
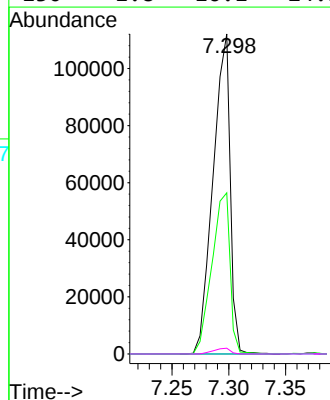
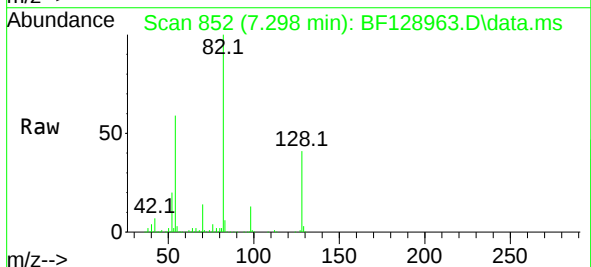
Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS008-22

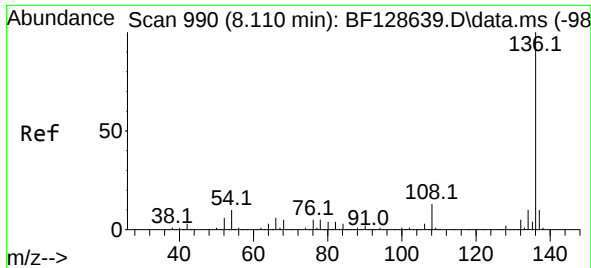
Tgt Ion: 99 Resp: 1132709
Ion Ratio Lower Upper
99 100
42 23.2 17.3 25.9
71 42.1 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.308 ng
RT: 7.298 min Scan# 852
Delta R.T. 0.147 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

Tgt Ion: 70 Resp: 117406
Ion Ratio Lower Upper
70 100
42 50.4 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

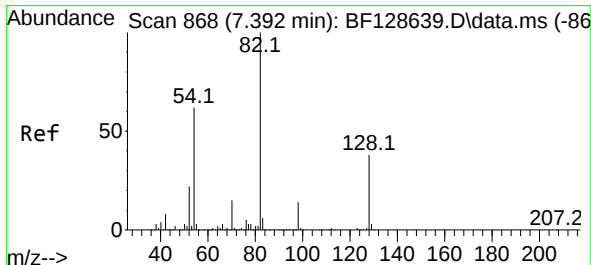
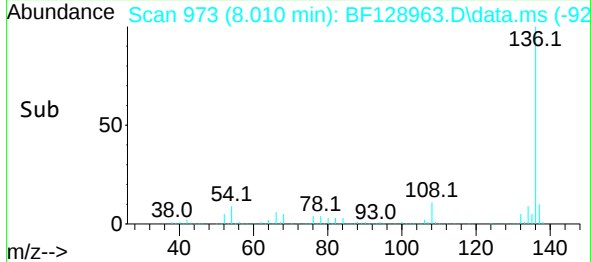
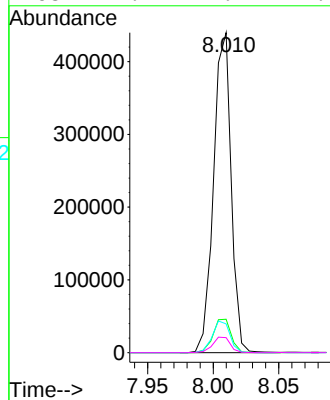
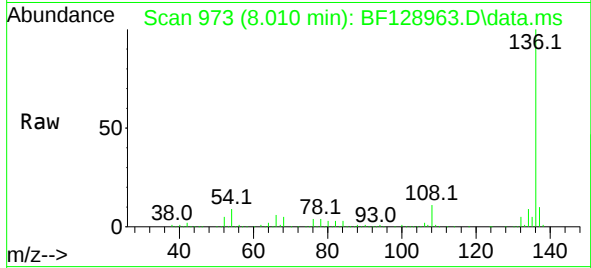




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

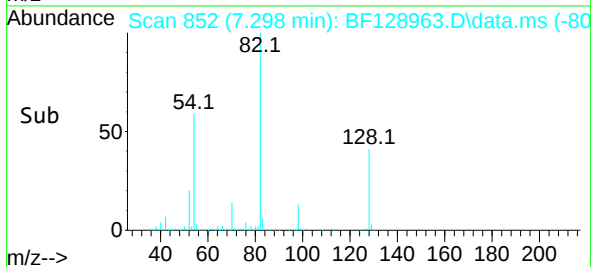
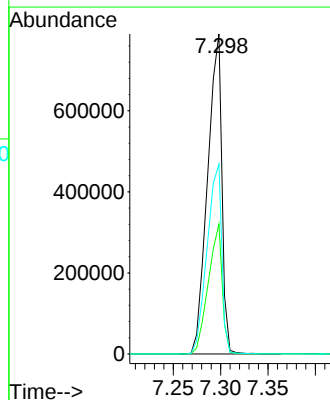
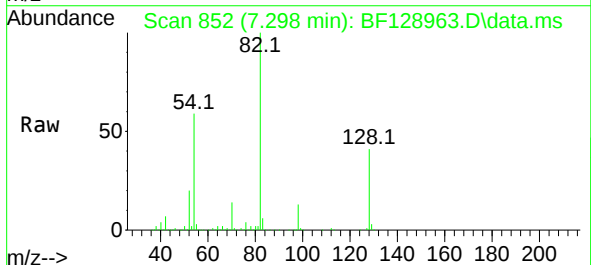
Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS008-22

Tgt Ion:136 Resp: 409682
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.0 7.5 11.3
68 4.7 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 94.113 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

Tgt Ion: 82 Resp: 828129
Ion Ratio Lower Upper
82 100
128 40.6 34.0 51.0
54 59.3 46.9 70.3

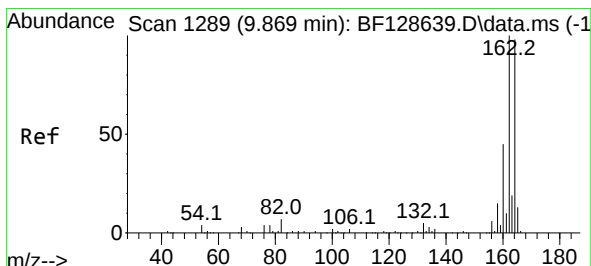
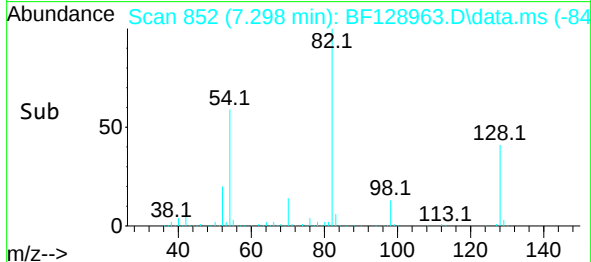
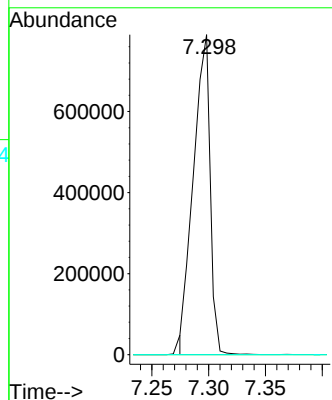
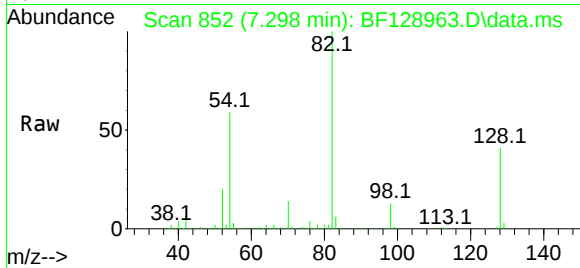




#25
Isophorone
Concen: 60.494 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

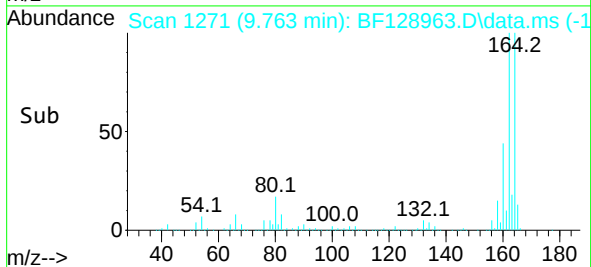
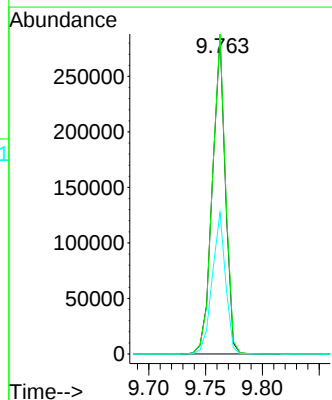
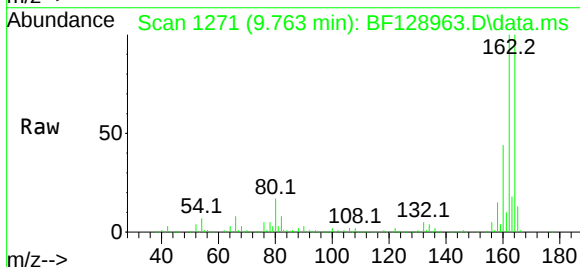
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ClientSampleId :
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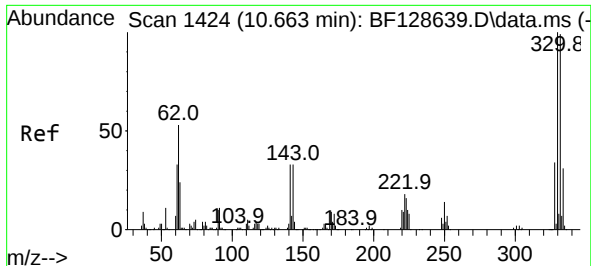
Tgt Ion: 82 Resp: 808450
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1271
Delta R.T. -0.006 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

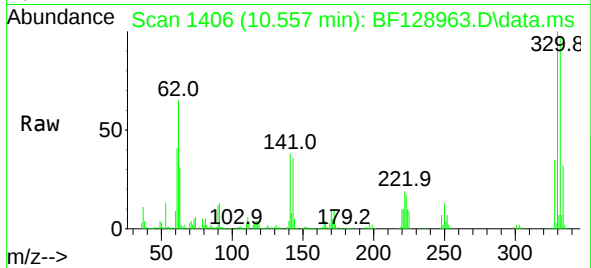
Tgt Ion:164 Resp: 227568
Ion Ratio Lower Upper
164 100
162 100.5 79.5 119.3
160 44.5 34.2 51.4



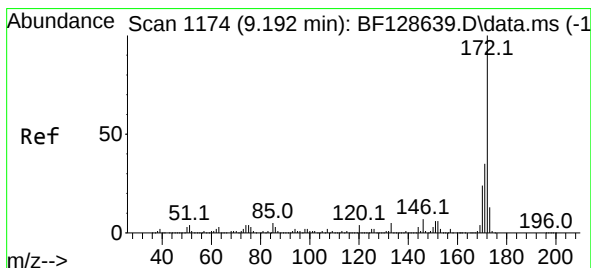
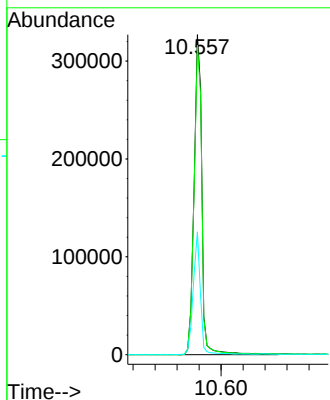
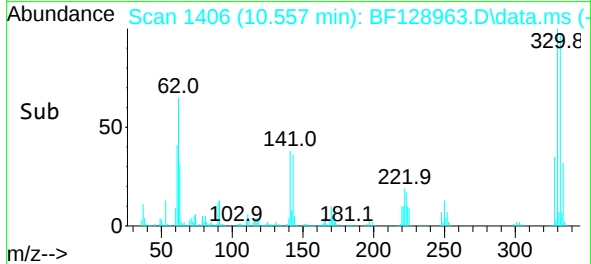


#42
 2,4,6-Tribromophenol
 Concen: 119.242 ng
 RT: 10.557 min Scan# 1424
 Delta R.T. -0.006 min
 Lab File: BF128963.D
 Acq: 23 Jun 2022 20:37

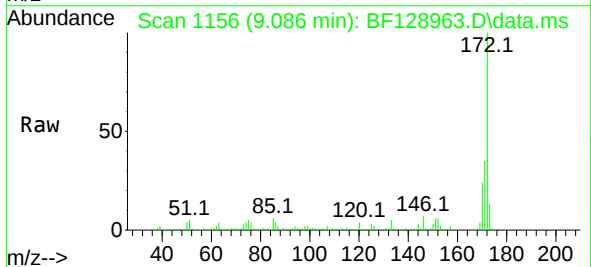
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 QA-QC-COMP-XRDS008-22



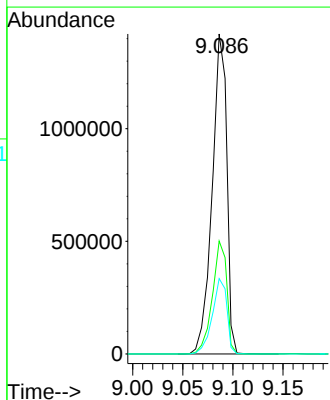
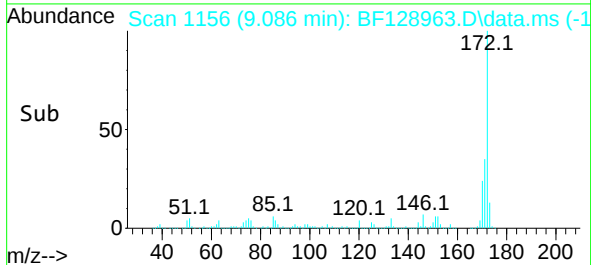
Tgt Ion:330 Resp: 320622
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.8 115.2
 141 35.5 28.0 42.0

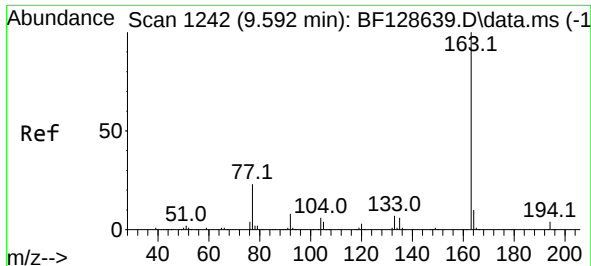


#45
 2-Fluorobiphenyl
 Concen: 88.607 ng
 RT: 9.086 min Scan# 1156
 Delta R.T. -0.006 min
 Lab File: BF128963.D
 Acq: 23 Jun 2022 20:37



Tgt Ion:172 Resp: 1439477
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.8 43.2
 170 23.6 19.8 29.8

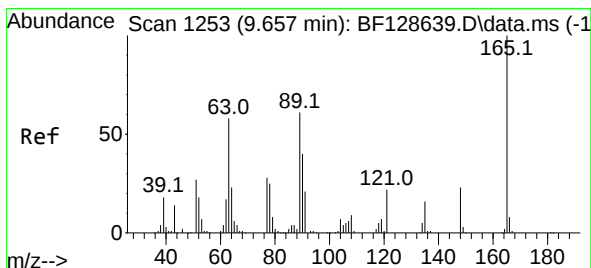
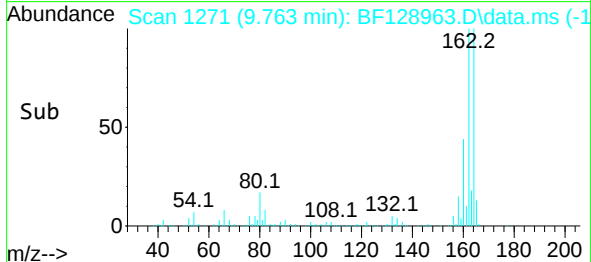
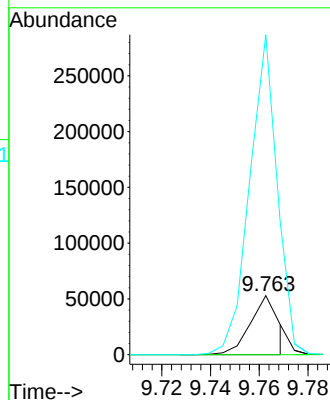
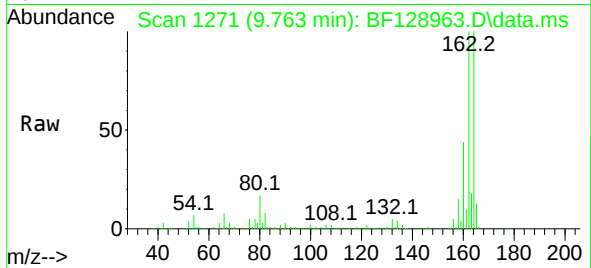




#50
Dimethylphthalate
Concen: 2.712 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.264 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

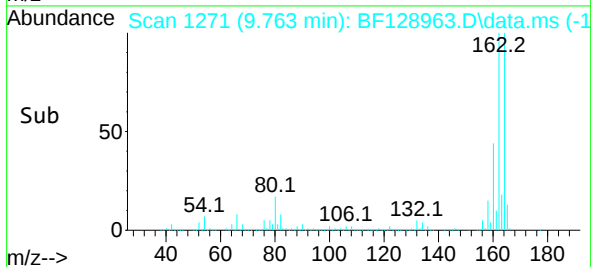
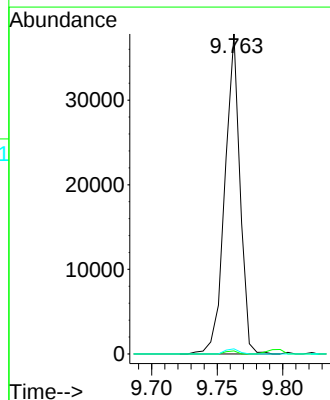
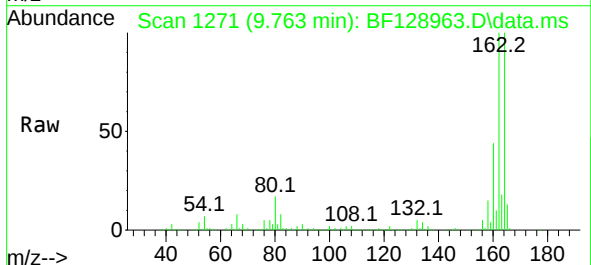
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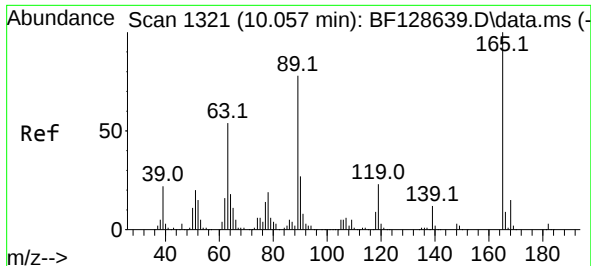
Tgt Ion:163 Resp: 42250
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 541.9 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.855 ng
RT: 9.763 min Scan# 1271
Delta R.T. 0.200 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

Tgt Ion:165 Resp: 30298
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 1.6 43.6 65.4#

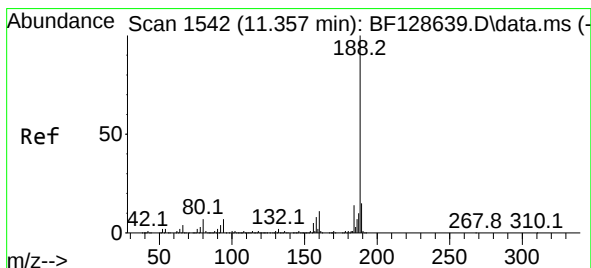
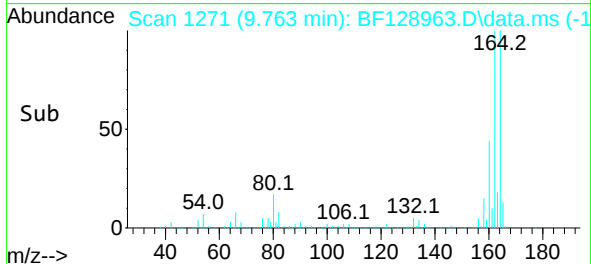
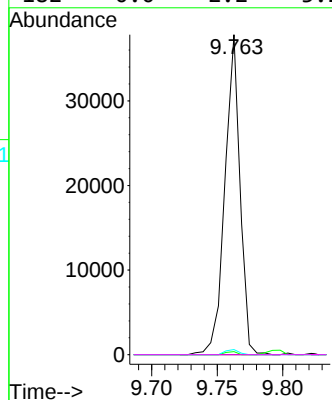
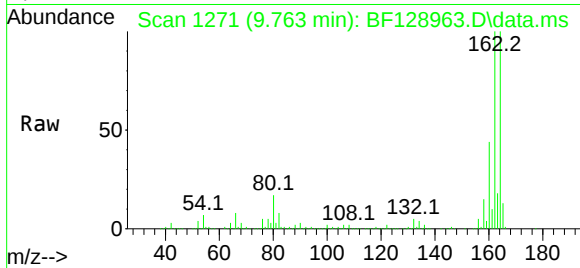




#57
2,4-Dinitrotoluene
Concen: 7.385 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

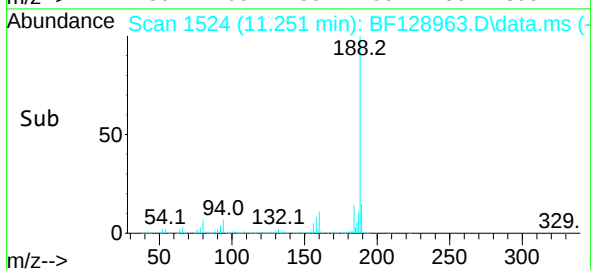
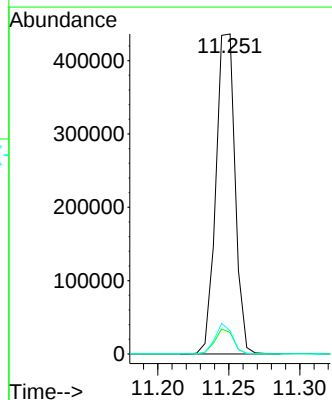
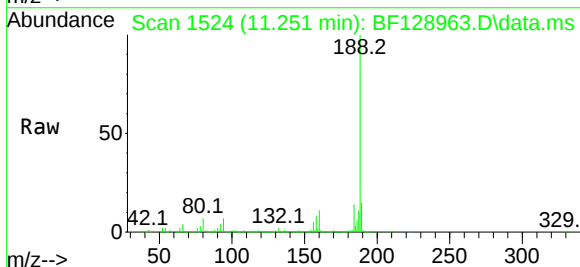
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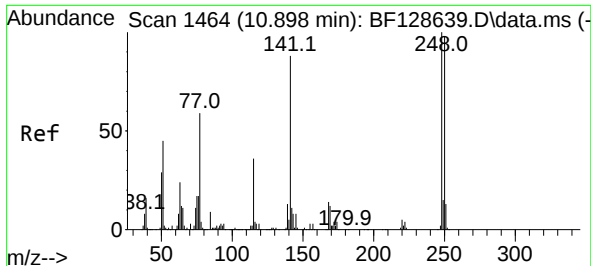
Tgt Ion:165 Resp: 30298
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1524
Delta R.T. -0.000 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

Tgt Ion:188 Resp: 408475
Ion Ratio Lower Upper
188 100
94 6.7 7.0 10.6#
80 7.2 7.6 11.4#





#67

4-Bromophenyl-phenylether

Concen: 4.486 ng

RT: 10.557 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF128963.D

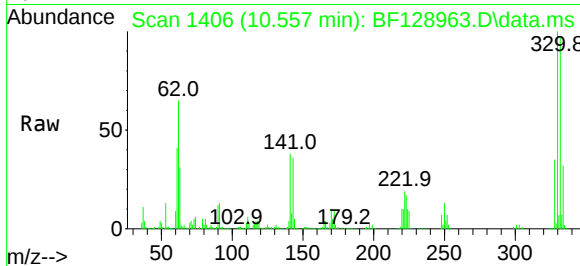
Acq: 23 Jun 2022 20:37

Instrument :

BNA_F

ClientSampleId :

QA-QC-COMP-XRDS008-22



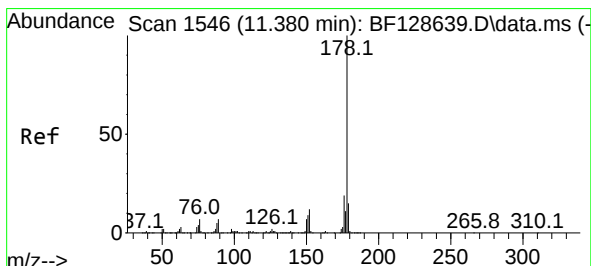
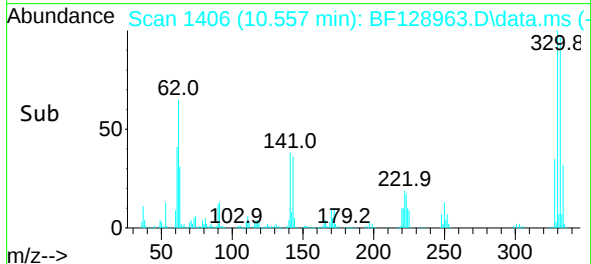
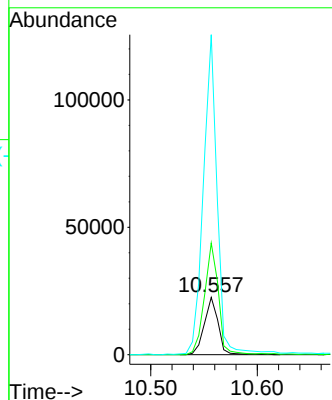
Tgt Ion:248 Resp: 20437

Ion Ratio Lower Upper

248 100

250 194.9 80.6 120.8#

141 558.5 58.9 88.3#



#71

Phenanthrene

Concen: 4.055 ng

RT: 11.274 min Scan# 1528

Delta R.T. -0.006 min

Lab File: BF128963.D

Acq: 23 Jun 2022 20:37

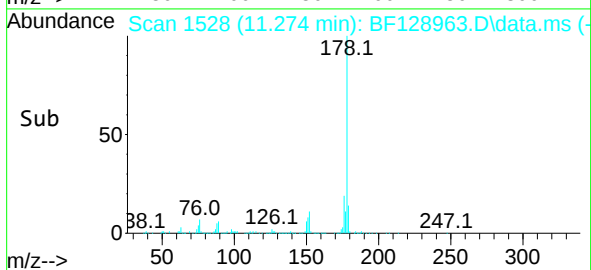
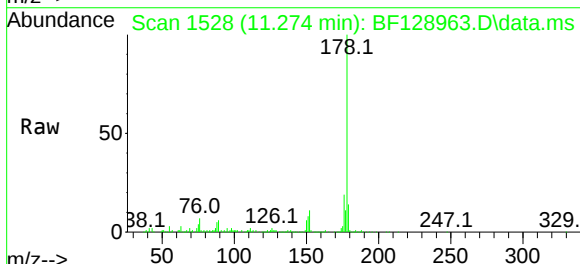
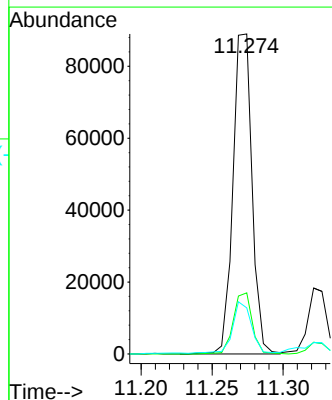
Tgt Ion:178 Resp: 83070

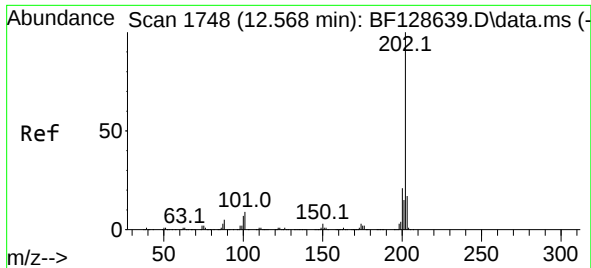
Ion Ratio Lower Upper

178 100

176 19.1 16.0 24.0

179 14.4 12.6 19.0

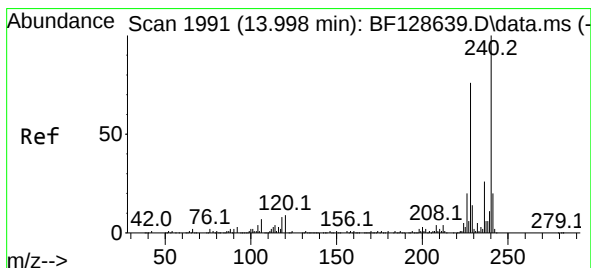
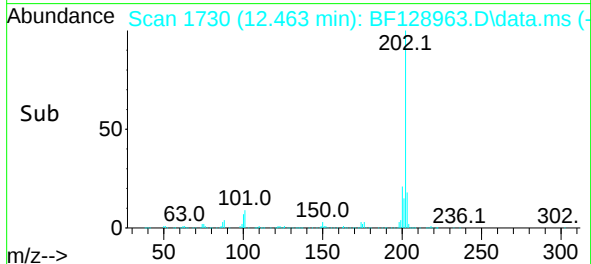
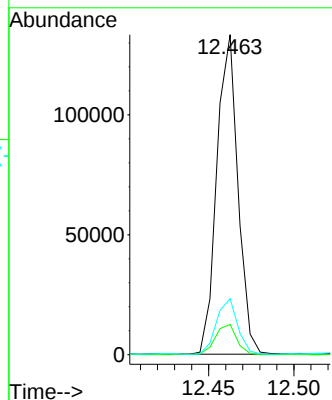
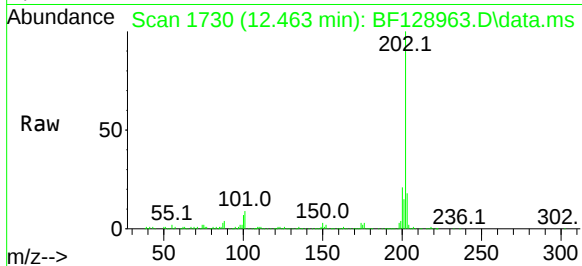




#75
Fluoranthene
Concen: 5.366 ng
RT: 12.463 min Scan# 1730
Delta R.T. -0.006 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

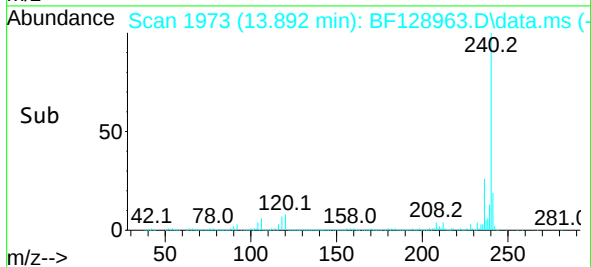
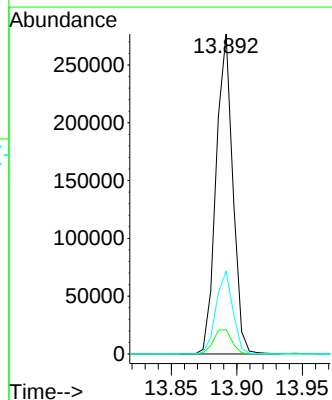
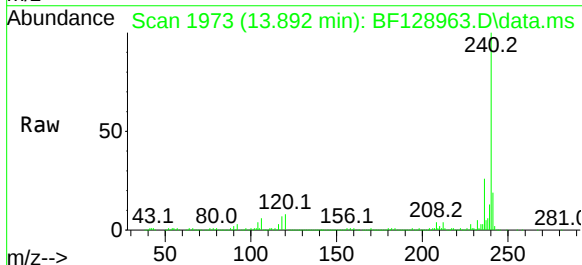
Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS008-22

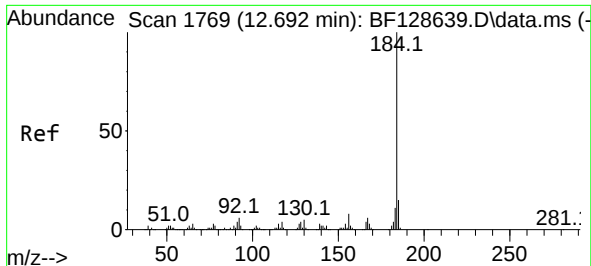
Tgt Ion:202 Resp: 114923
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.4
203 17.5 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.892 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

Tgt Ion:240 Resp: 244919
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 25.9 20.8 31.2

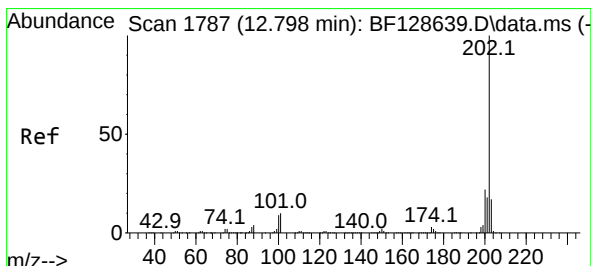
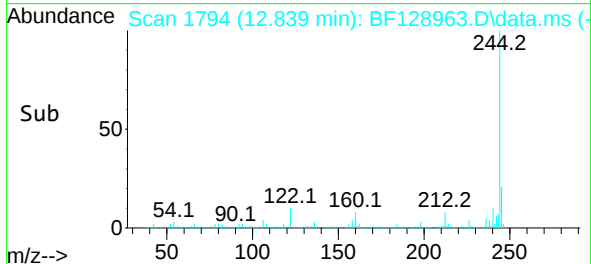
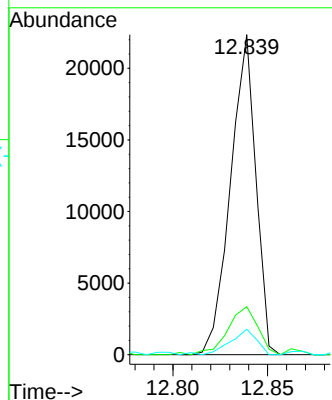
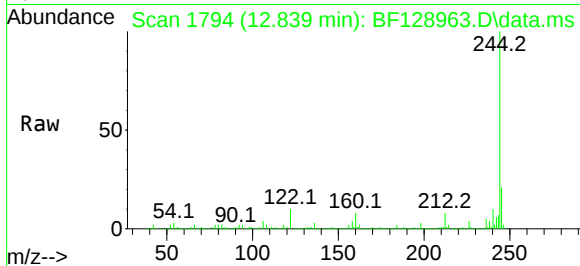




#77
Benzidine
Concen: 4.253 ng
RT: 12.839 min Scan# 11
Delta R.T. 0.247 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

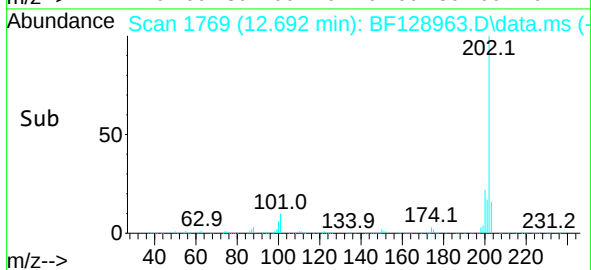
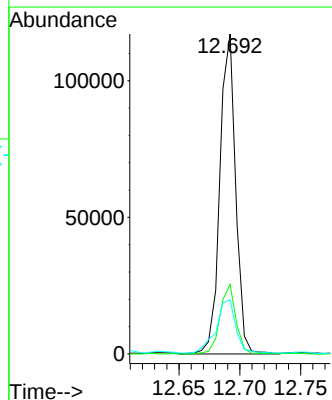
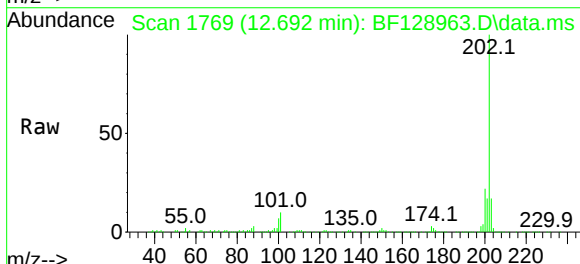
Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS008-22

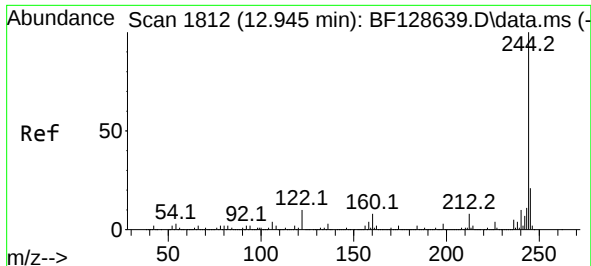
Tgt Ion:184 Resp: 20763
Ion Ratio Lower Upper
184 100
185 15.0 11.9 17.9
183 8.0 9.3 13.9#



#78
Pyrene
Concen: 5.814 ng
RT: 12.692 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

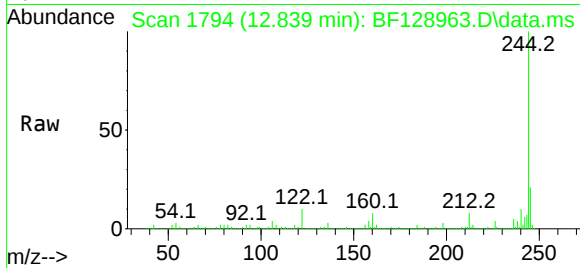
Tgt Ion:202 Resp: 105938
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 16.9 14.6 21.8



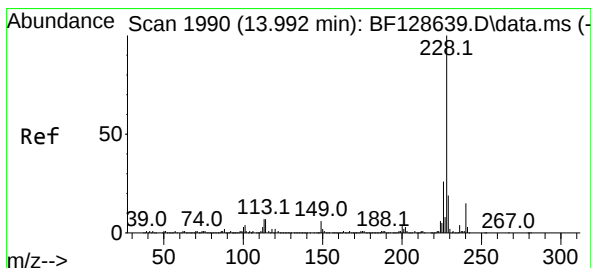
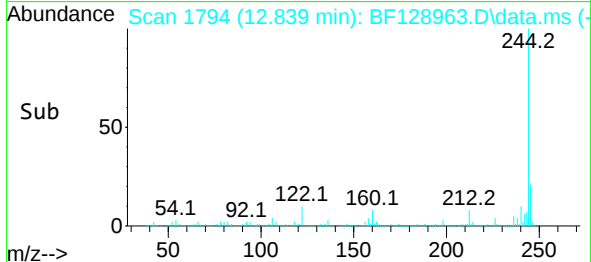
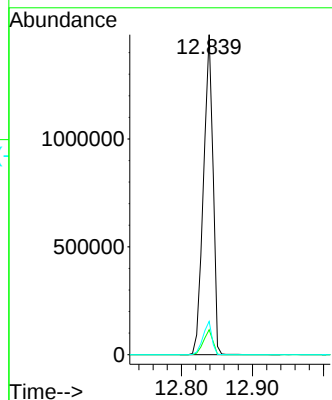


#79
 Terphenyl-d14
 Concen: 98.500 ng
 RT: 12.839 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BF128963.D
 Acq: 23 Jun 2022 20:37

Instrument :
 BNA_F
 ClientSampleId :
 QA-QC-COMP-XRDS008-22

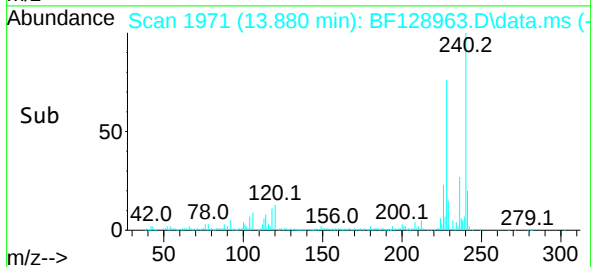
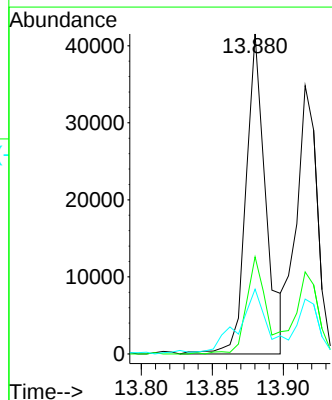
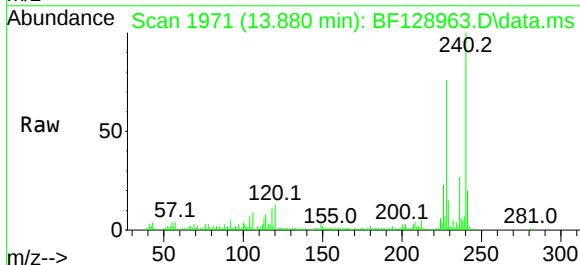


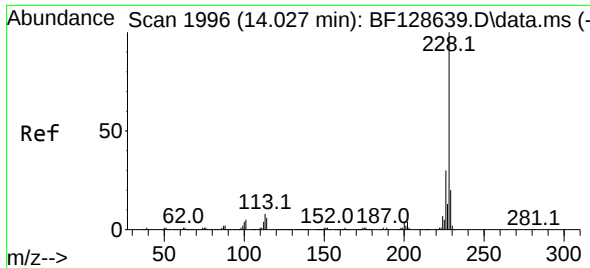
Tgt Ion:244 Resp: 1388357
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 10.4 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 2.641 ng
 RT: 13.880 min Scan# 1971
 Delta R.T. -0.006 min
 Lab File: BF128963.D
 Acq: 23 Jun 2022 20:37

Tgt Ion:228 Resp: 40324
 Ion Ratio Lower Upper
 228 100
 226 30.3 22.1 33.1
 229 20.2 15.8 23.8

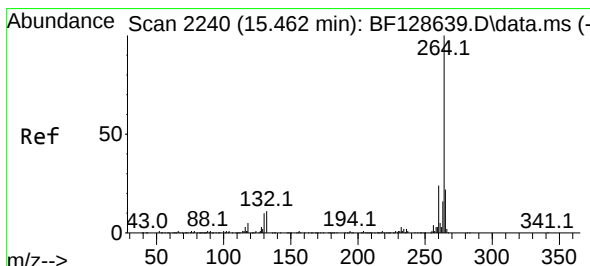
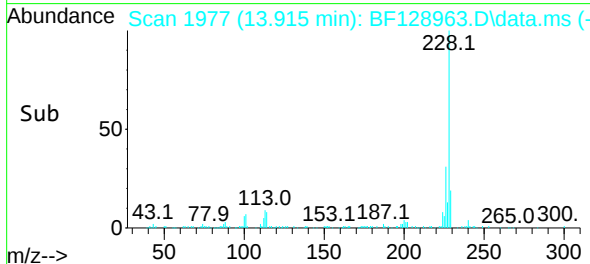
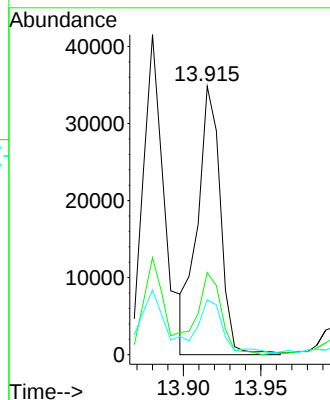
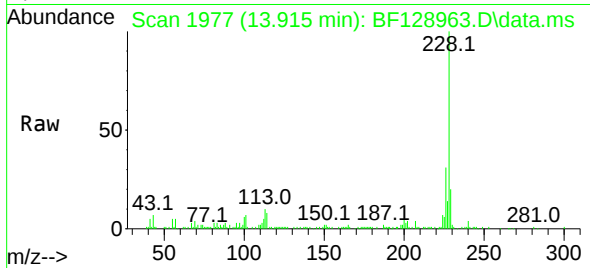




#83
Chrysene
Concen: 2.477 ng
RT: 13.915 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

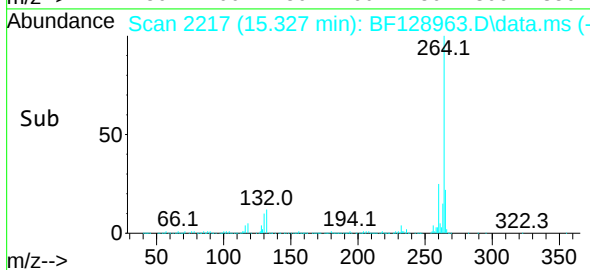
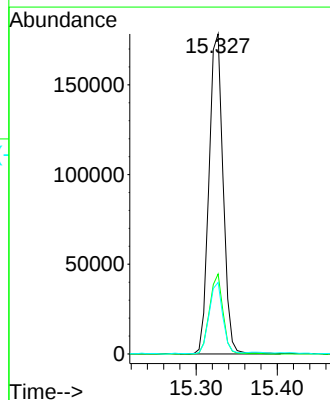
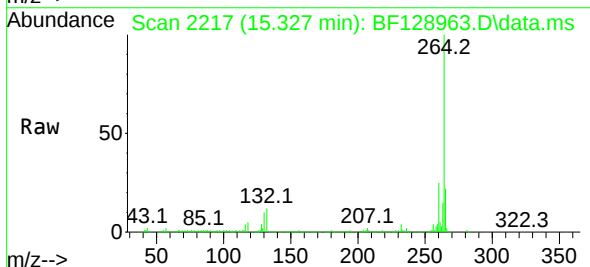
Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS008-22

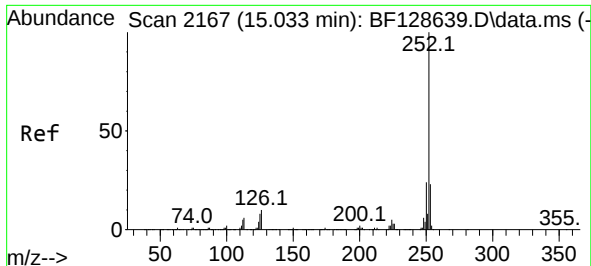
Tgt Ion:228 Resp: 36054
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 20.4 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.327 min Scan# 2217
Delta R.T. -0.000 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

Tgt Ion:264 Resp: 214577
Ion Ratio Lower Upper
264 100
260 25.0 18.4 27.6
265 22.4 17.2 25.8

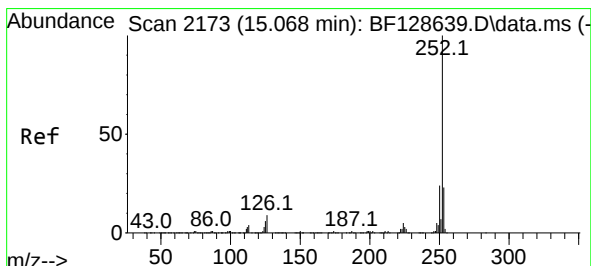
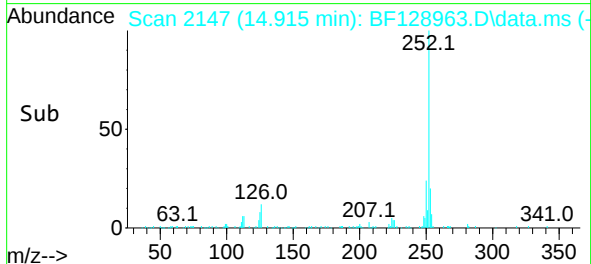
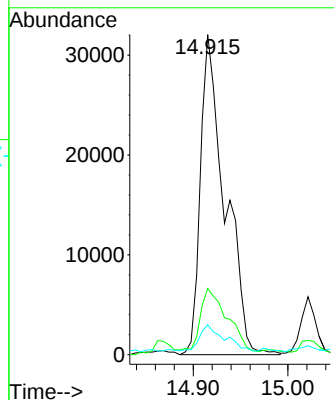
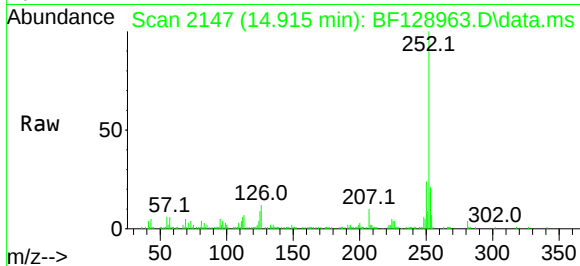




#88
Benzo(b)fluoranthene
Concen: 4.221 ng
RT: 14.915 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

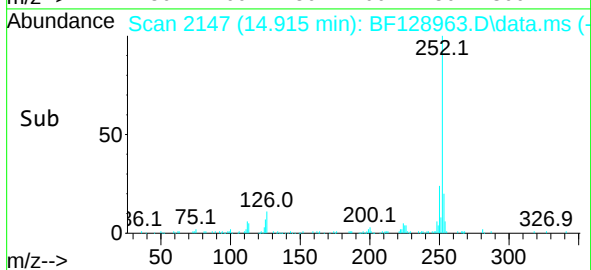
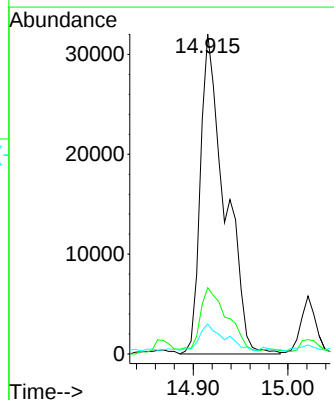
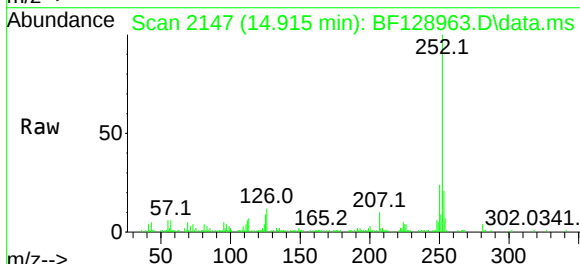
Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS008-22

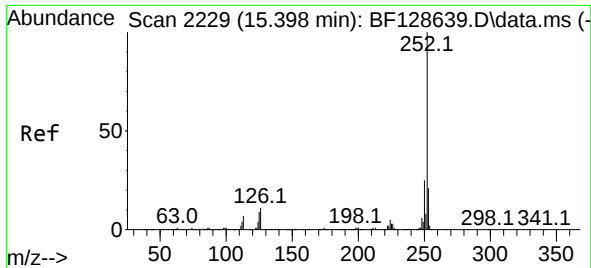
Tgt Ion:252 Resp: 57878
Ion Ratio Lower Upper
252 100
253 20.7 17.7 26.5
125 9.4 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 4.487 ng
RT: 14.915 min Scan# 2147
Delta R.T. -0.035 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

Tgt Ion:252 Resp: 57878
Ion Ratio Lower Upper
252 100
253 20.7 17.8 26.6
125 9.4 8.3 12.5

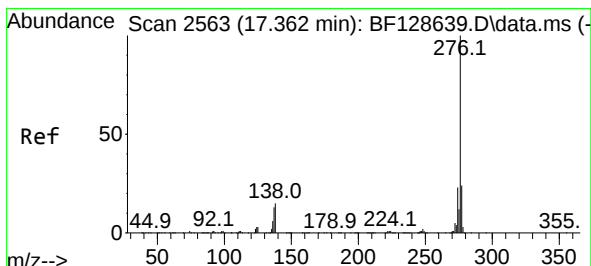
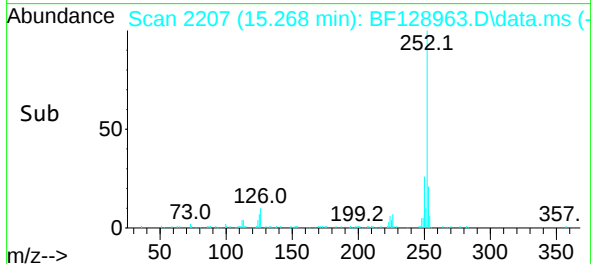
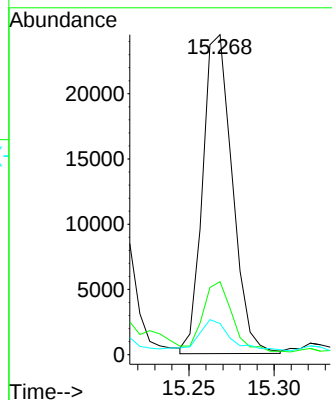
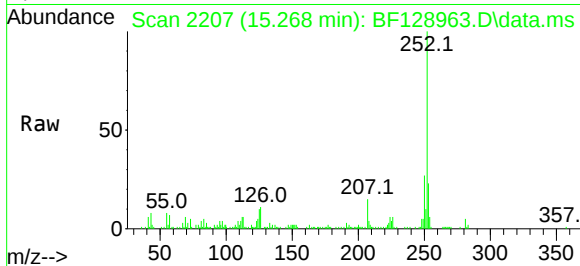




#90
Benzo(a)pyrene
Concen: 2.740 ng
RT: 15.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

Instrument :
BNA_F
ClientSampleId :
QA-QC-COMP-XRDS008-22

Tgt Ion:	252	Resp:	29528
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.0	25.6
125	9.8	8.8	13.2



#92
Benzo(g,h,i)perylene
Concen: 2.136 ng
RT: 17.156 min Scan# 2528
Delta R.T. -0.012 min
Lab File: BF128963.D
Acq: 23 Jun 2022 20:37

Tgt Ion:	276	Resp:	22710
Ion Ratio	Lower	Upper	
276	100		
277	20.6	19.1	28.7
138	19.9	18.0	27.0

