

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042922\
 Data File : BF128004.D
 Acq On : 29 Apr 2022 19:38
 Operator : CG\JU
 Sample : N2602-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 12-15-SB1-BK-PRISON

Quant Time: May 02 00:58:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

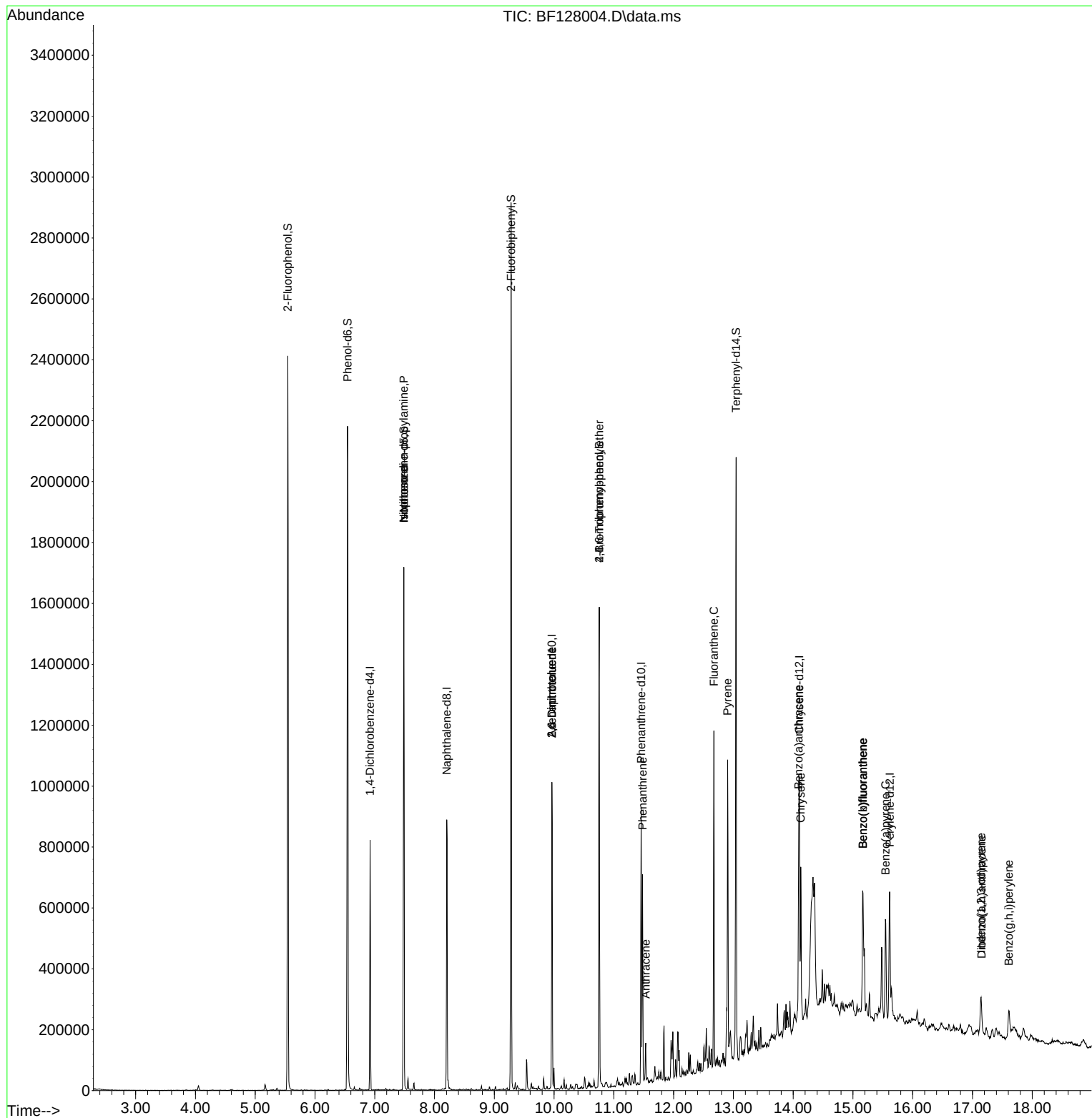
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	103974	20.000	ng	-0.01
21) Naphthalene-d8	8.204	136	389752	20.000	ng	-0.01
39) Acenaphthene-d10	9.963	164	208858	20.000	ng	-0.01
64) Phenanthrene-d10	11.457	188	312781	20.000	ng	-0.01
76) Chrysene-d12	14.104	240	210692	20.000	ng	-0.01
86) Perylene-d12	15.615	264	187373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	609892	93.430	ng	0.00
7) Phenol-d6	6.545	99	787805	93.008	ng	-0.02
23) Nitrobenzene-d5	7.487	82	563019	67.929	ng	-0.02
42) 2,4,6-Tribromophenol	10.757	330	172734	82.156	ng	-0.01
45) 2-Fluorobiphenyl	9.281	172	876636	71.007	ng	-0.01
79) Terphenyl-d14	13.045	244	641858	55.706	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.487	70	76893	14.830	ng	# 78
25) Isophorone	7.487	82	563010	40.360	ng	# 68
51) 2,6-Dinitrotoluene	9.963	165	27869	9.189	ng	# 21
57) 2,4-Dinitrotoluene	9.963	165	27869	6.938	ng	# 26
67) 4-Bromophenyl-phenylether	10.757	248	10676	3.079	ng	# 1
71) Phenanthrene	11.480	178	226178	13.814	ng	99
72) Anthracene	11.533	178	49459	3.033	ng	99
75) Fluoranthene	12.674	202	405512	23.533	ng	97
78) Pyrene	12.904	202	386490	22.724	ng	98
81) Benzo(a)anthracene	14.092	228	216773	15.436	ng	97
83) Chrysene	14.127	228	191453	14.275	ng	97
87) Indeno(1,2,3-cd)pyrene	17.145	276	82897	6.628	ng	97
88) Benzo(b)fluoranthene	15.168	252	321418	27.311	ng	98
89) Benzo(k)fluoranthene	15.168	252	321418	27.109	ng	96
90) Benzo(a)pyrene	15.545	252	167046	17.112	ng	99
91) Dibenzo(a,h)anthracene	17.151	278	21837	2.177	ng	# 88
92) Benzo(g,h,i)perylene	17.609	276	77091	7.293	ng	97

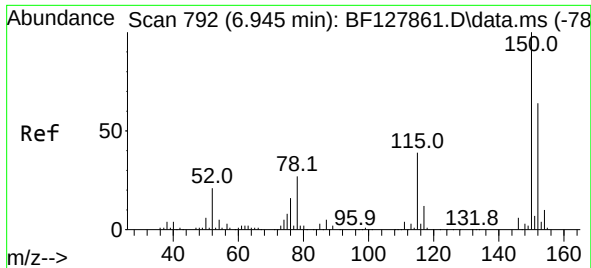
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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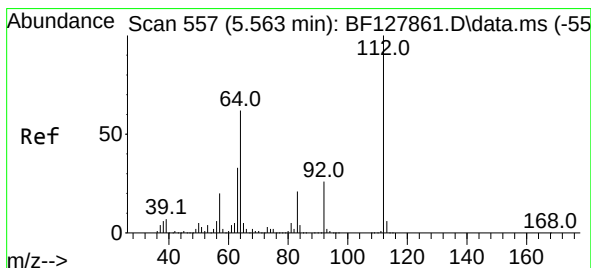
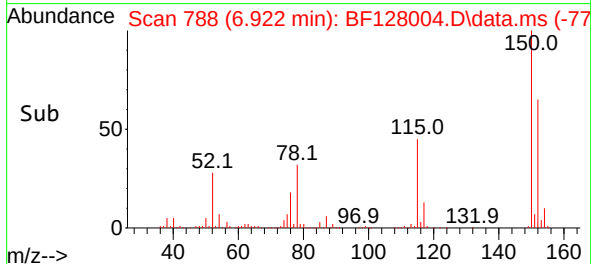
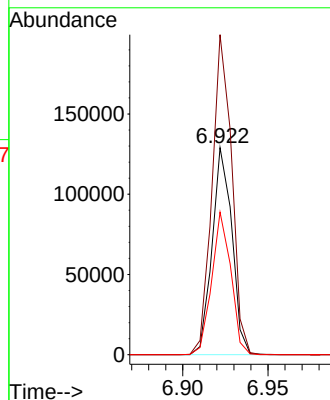
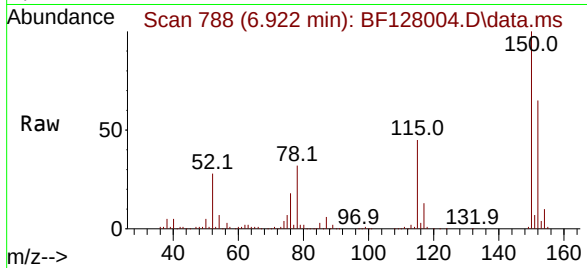




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

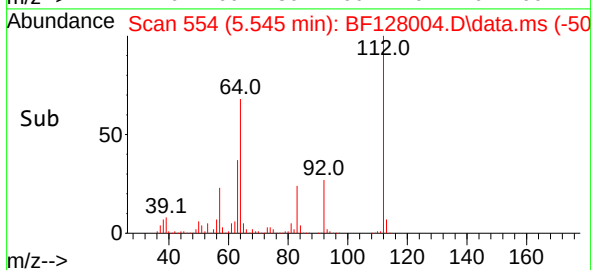
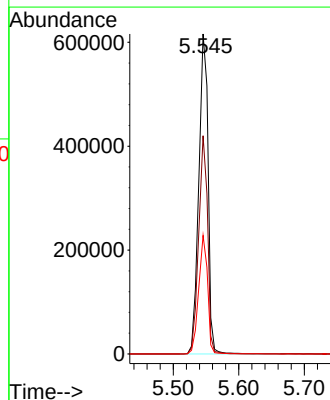
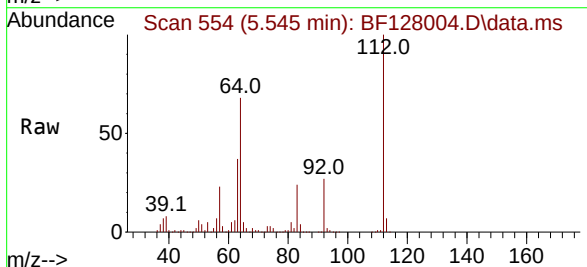
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON

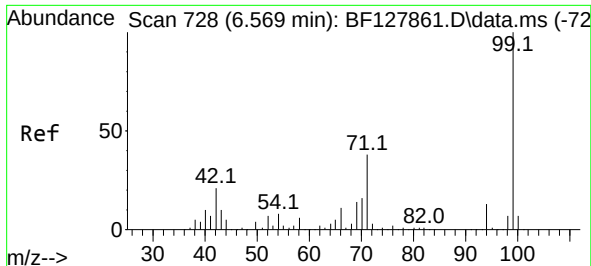
Tgt Ion:152 Resp: 103974
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 68.9 48.8 73.2



#5
2-Fluorophenol
Concen: 93.430 ng
RT: 5.545 min Scan# 554
Delta R.T. -0.006 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:112 Resp: 609892
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 37.1 26.3 39.5

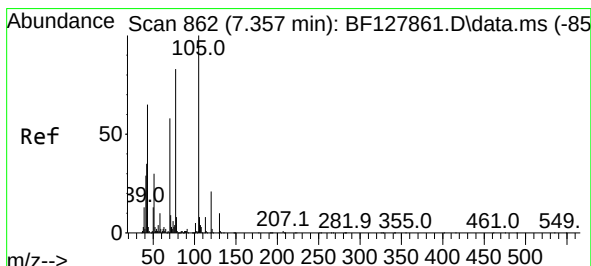
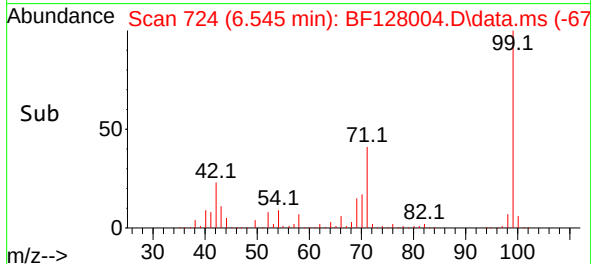
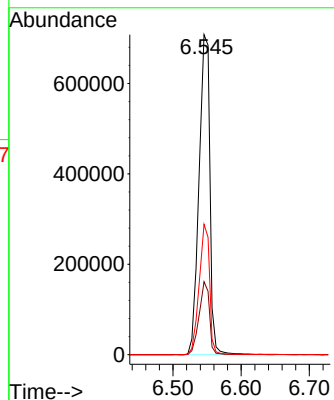
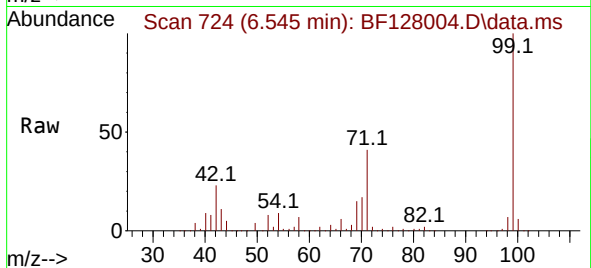




#7
Phenol-d6
Concen: 93.008 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

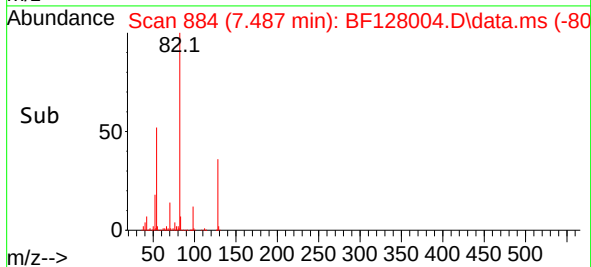
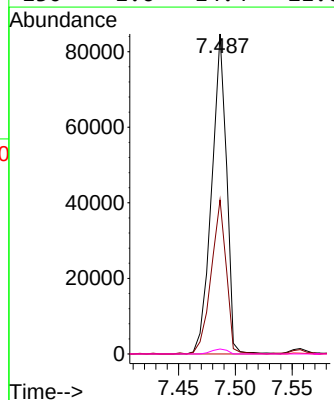
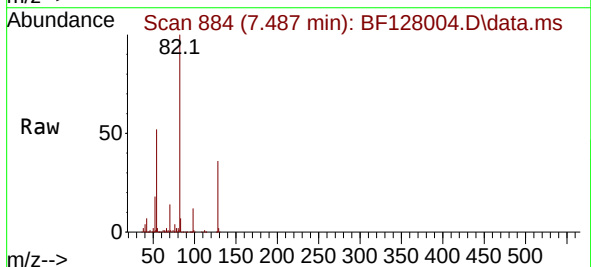
Instrument :
BNA_F
ClientSampleId :
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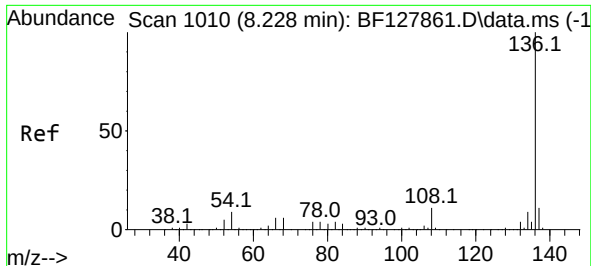
Tgt Ion: 99 Resp: 787805
Ion Ratio Lower Upper
99 100
42 22.8 16.6 24.8
71 40.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.830 ng
RT: 7.487 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion: 70 Resp: 76893
Ion Ratio Lower Upper
70 100
42 48.2 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

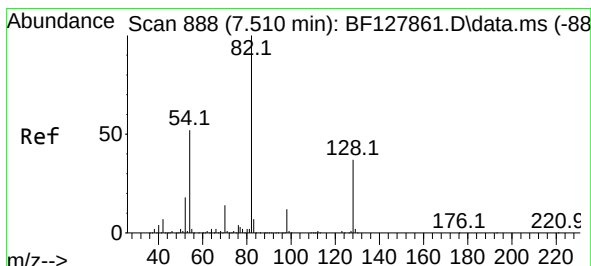
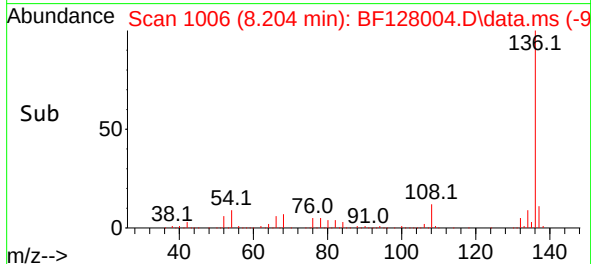
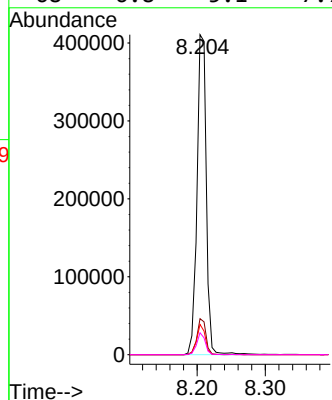
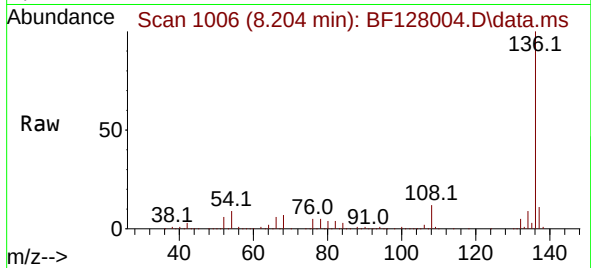




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

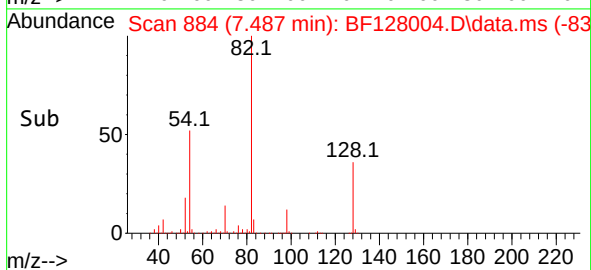
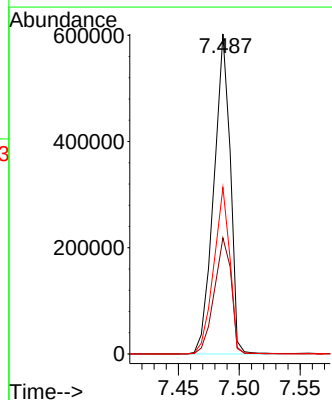
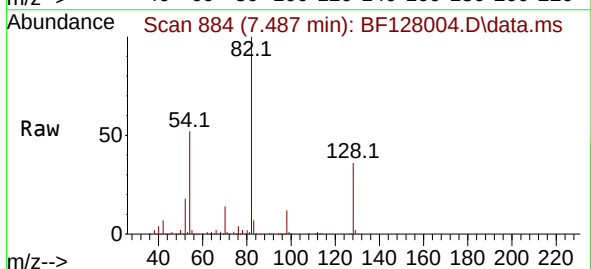
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON

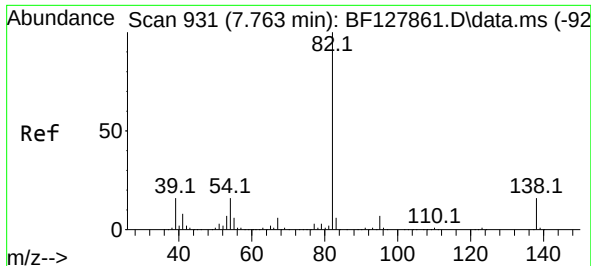
Tgt Ion:	136	Resp:	389752
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.5	6.8	10.2
68	6.8	5.1	7.7



#23
Nitrobenzene-d5
Concen: 67.929 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.018 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:	82	Resp:	563019
Ion	Ratio	Lower	Upper
82	100		
128	36.3	30.0	45.0
54	52.1	41.3	61.9

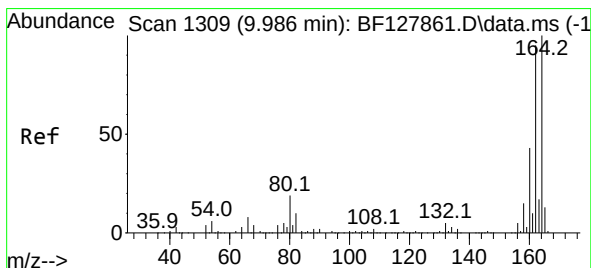
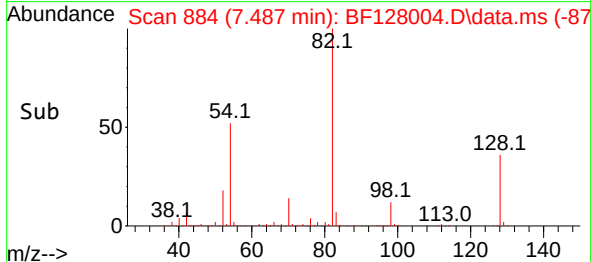
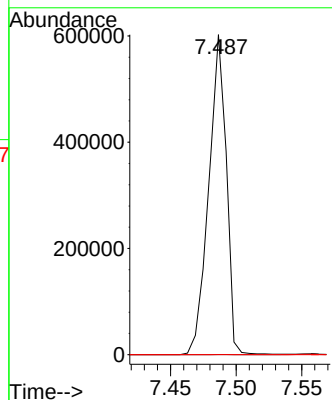
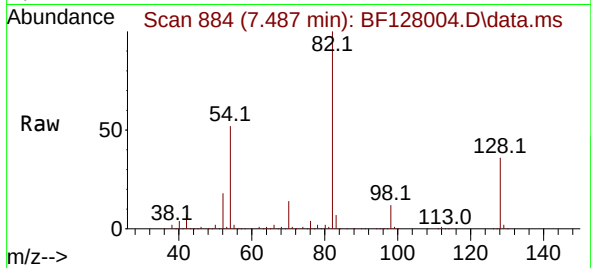




#25
Isophorone
Concen: 40.360 ng
RT: 7.487 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

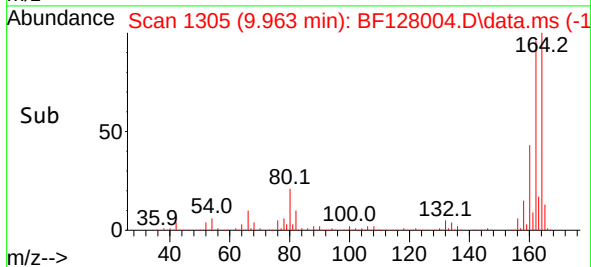
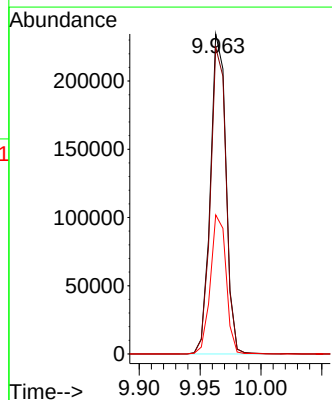
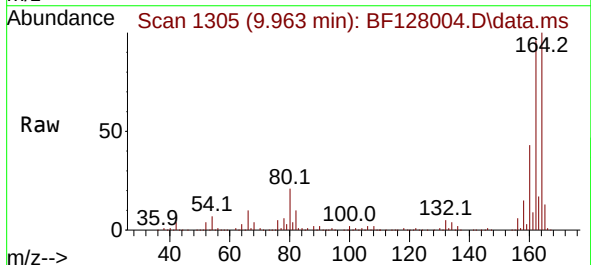
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON

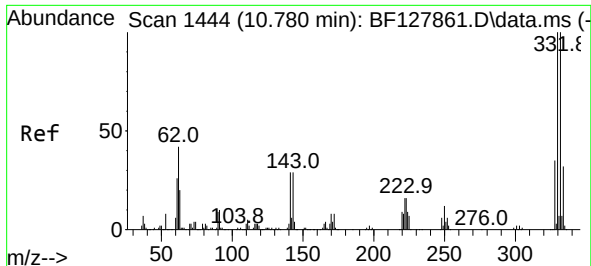
Tgt Ion: 82 Resp: 563010
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:164 Resp: 208858
Ion Ratio Lower Upper
164 100
162 95.8 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 82.156 ng

RT: 10.757 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF128004.D

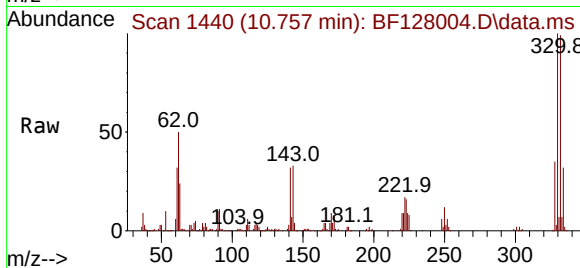
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BNA_F

ClientSampleId :

12-15-SB1-BK-PRISON



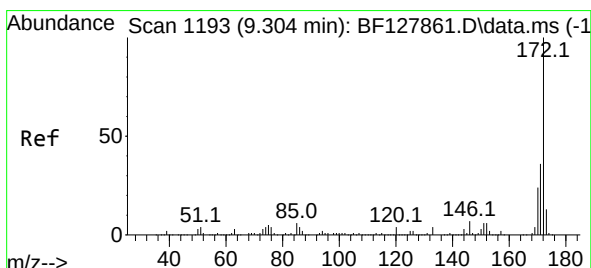
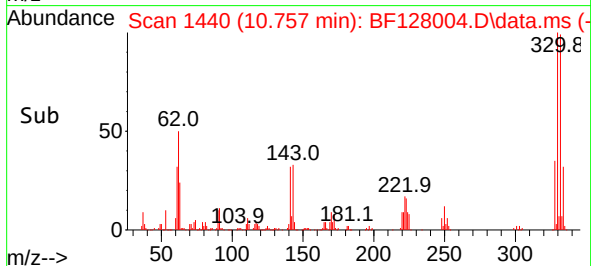
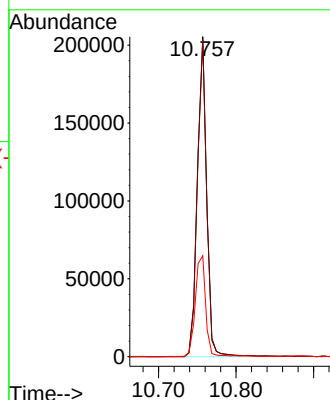
Tgt Ion:330 Resp: 172734

Ion Ratio Lower Upper

330 100

332 98.2 79.0 118.4

141 35.6 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 71.007 ng

RT: 9.281 min Scan# 1189

Delta R.T. -0.012 min

Lab File: BF128004.D

Acq: 29 Apr 2022 19:38

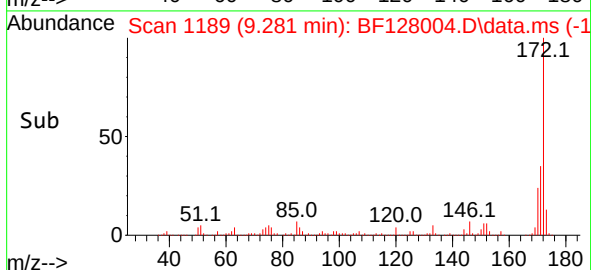
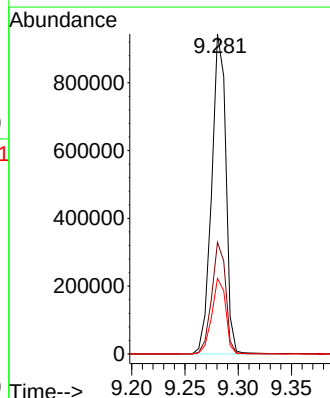
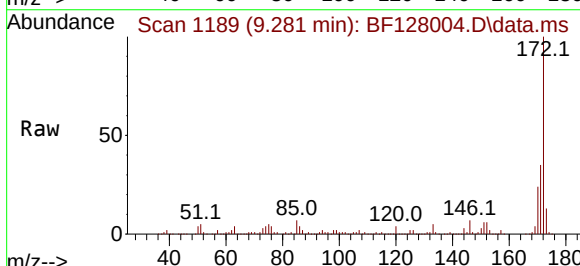
Tgt Ion:172 Resp: 876636

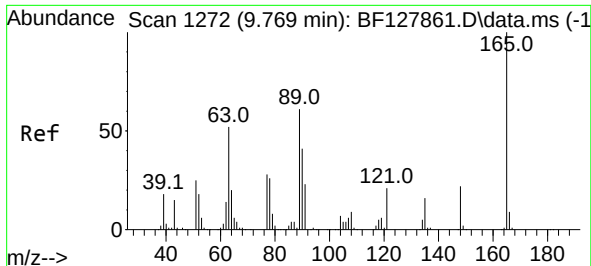
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.6 19.1 28.7

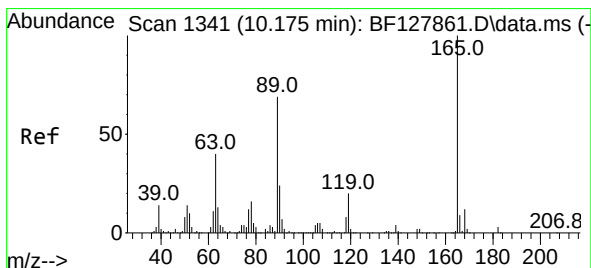
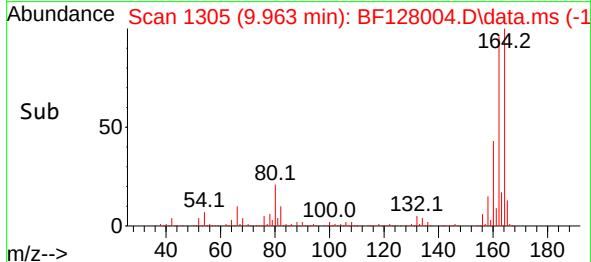
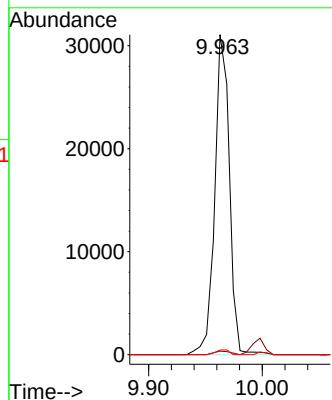
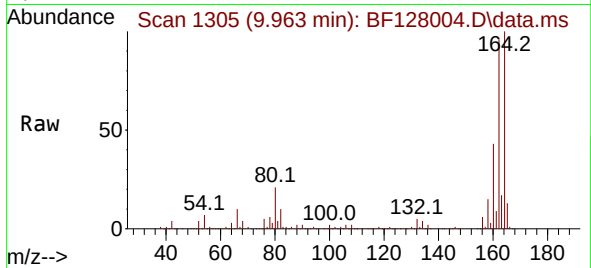




#51
2,6-Dinitrotoluene
Concen: 9.189 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

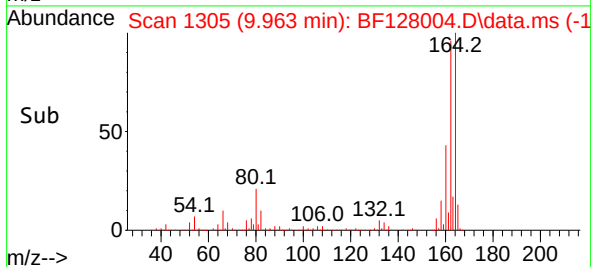
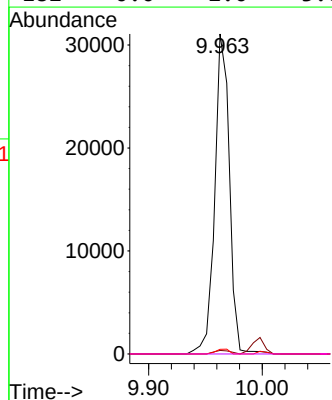
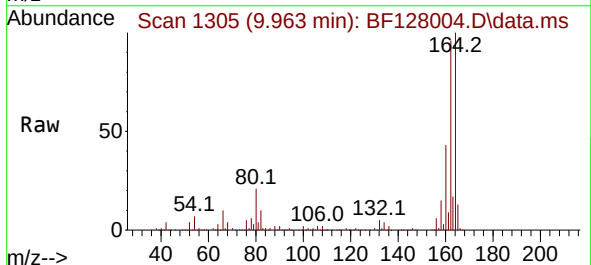
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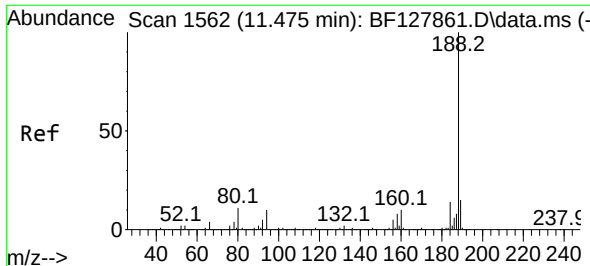
Tgt Ion:165 Resp: 27869
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.5 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.938 ng
RT: 9.963 min Scan# 1305
Delta R.T. -0.200 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:165 Resp: 27869
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#

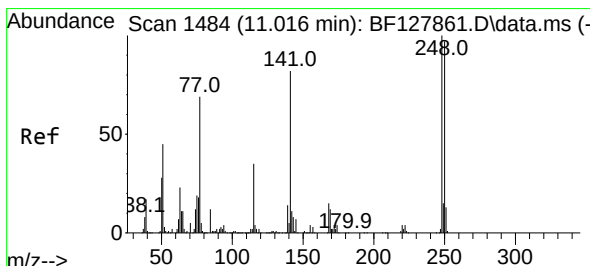
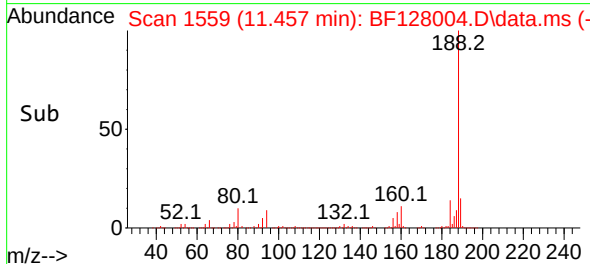
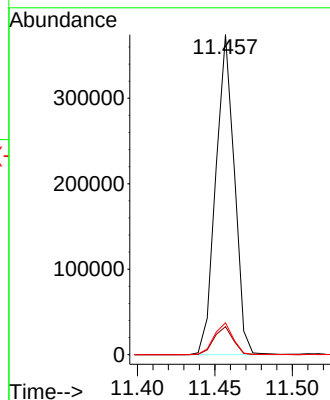
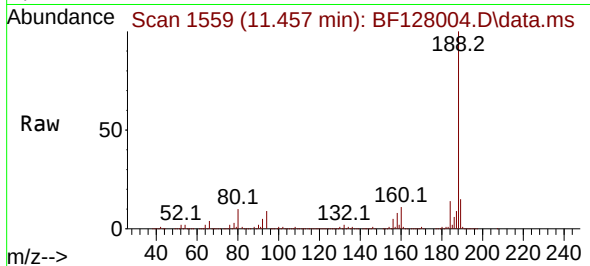




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

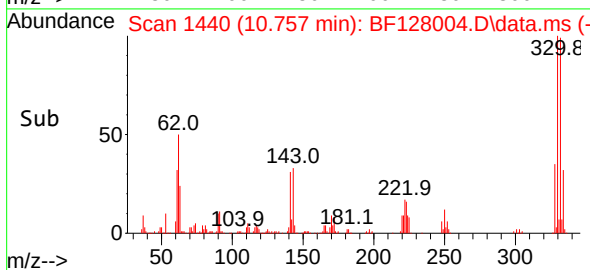
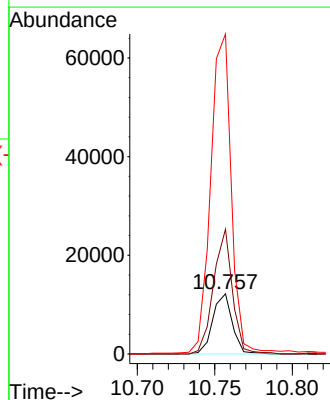
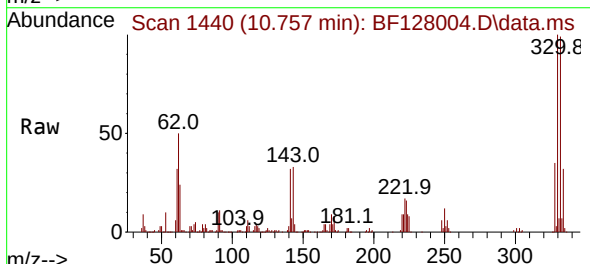
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON

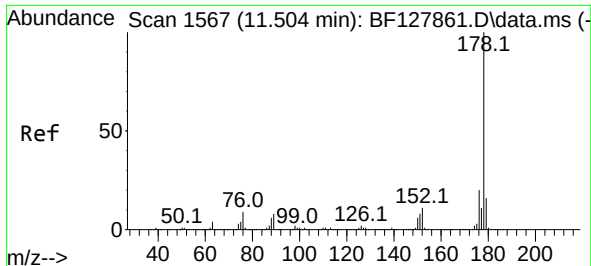
Tgt Ion:188 Resp: 312781
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.079 ng
RT: 10.757 min Scan# 1440
Delta R.T. -0.253 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:248 Resp: 10676
Ion Ratio Lower Upper
248 100
250 207.6 77.7 116.5#
141 532.3 65.6 98.4#

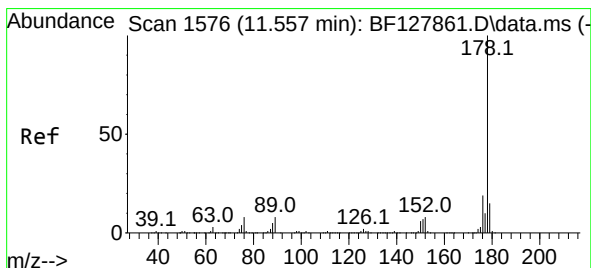
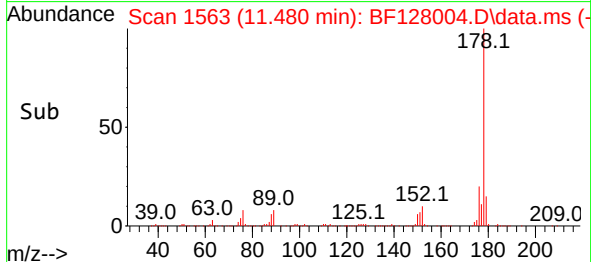
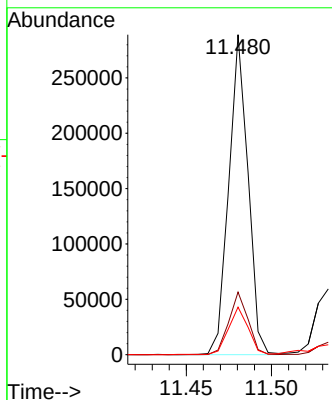
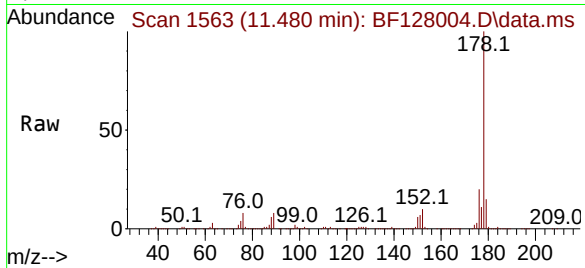




#71
Phenanthrene
Concen: 13.814 ng
RT: 11.480 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

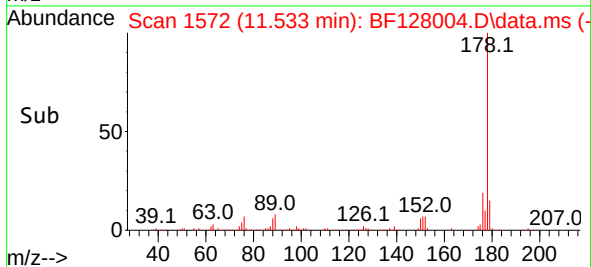
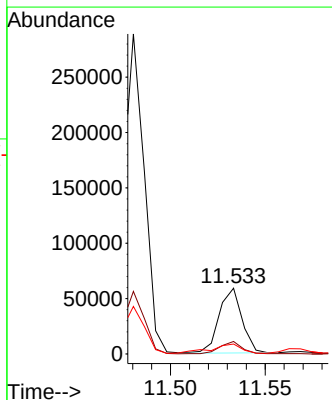
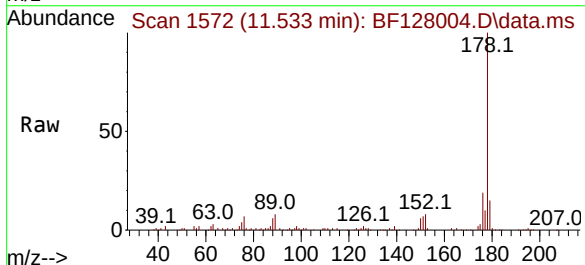
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON

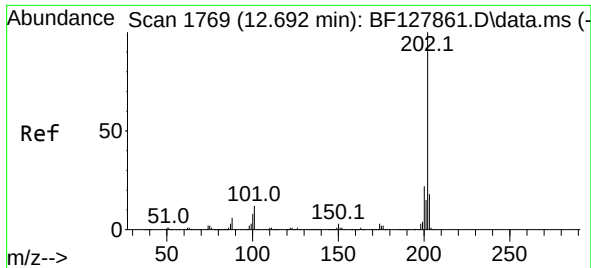
Tgt Ion:178 Resp: 226178
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 14.8 12.6 19.0



#72
Anthracene
Concen: 3.033 ng
RT: 11.533 min Scan# 1572
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:178 Resp: 49459
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.1 12.4 18.6

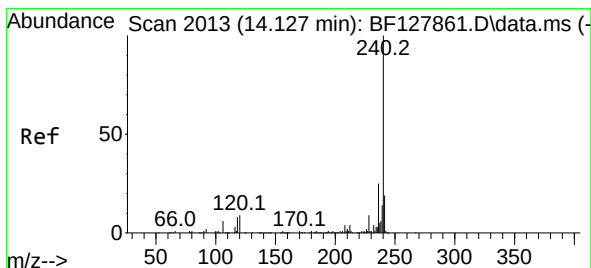
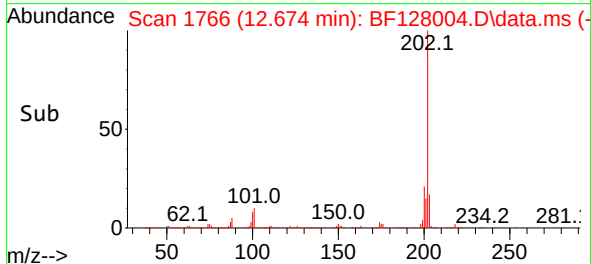
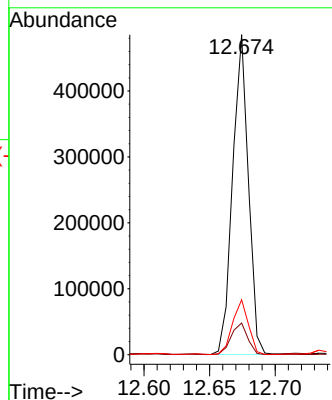
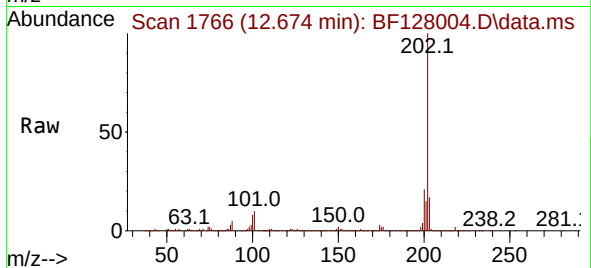




#75
Fluoranthene
Concen: 23.533 ng
RT: 12.674 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

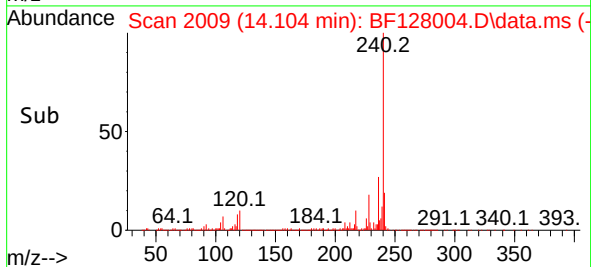
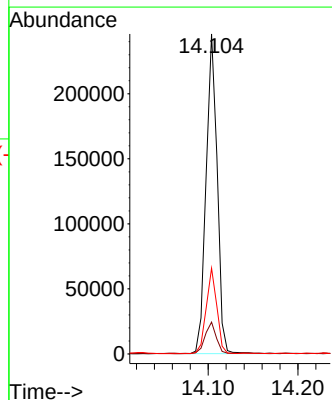
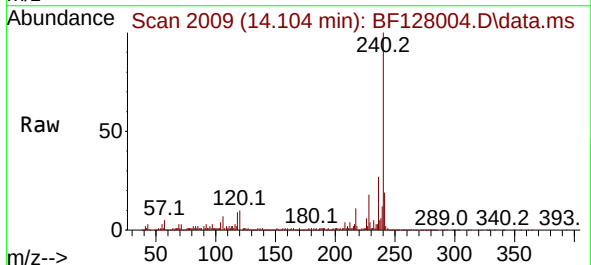
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON

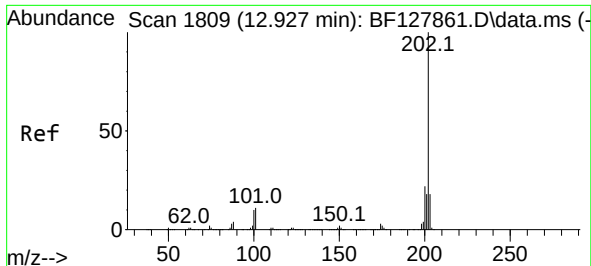
Tgt Ion:202 Resp: 405512
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.6
203 17.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:240 Resp: 210692
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 26.8 20.3 30.5

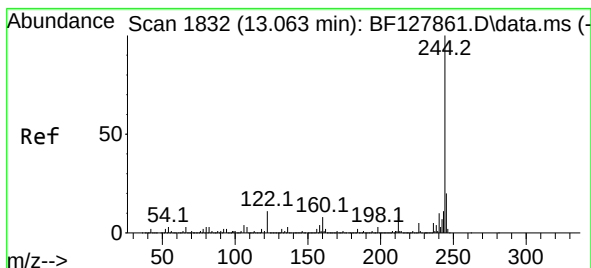
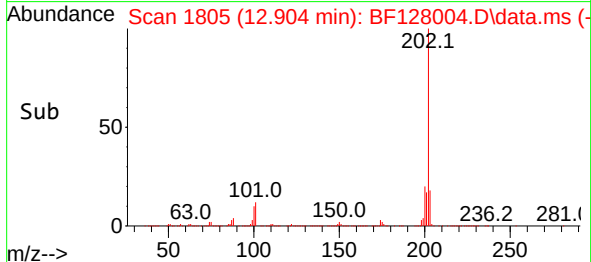
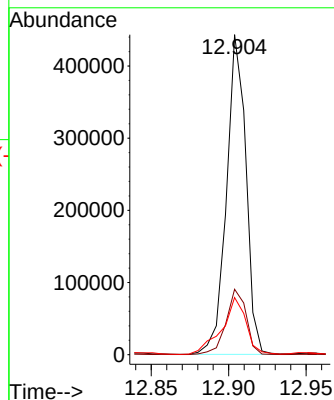
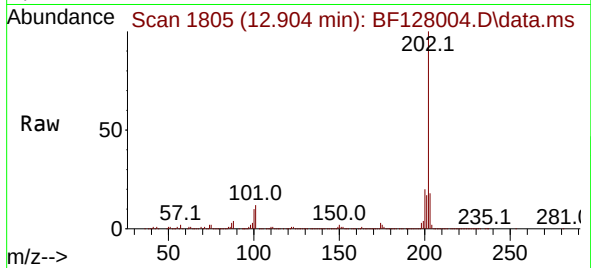




#78
Pyrene
Concen: 22.724 ng
RT: 12.904 min Scan# 1805
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

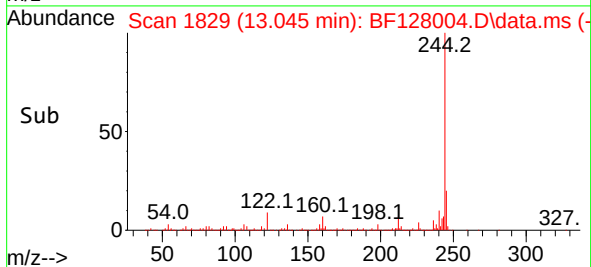
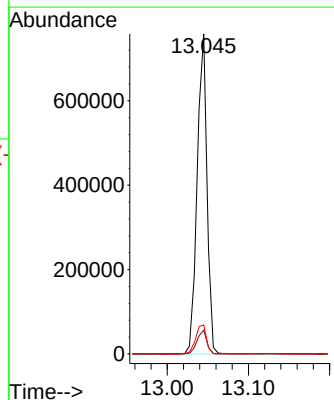
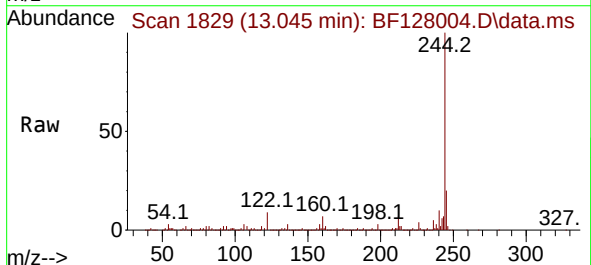
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON

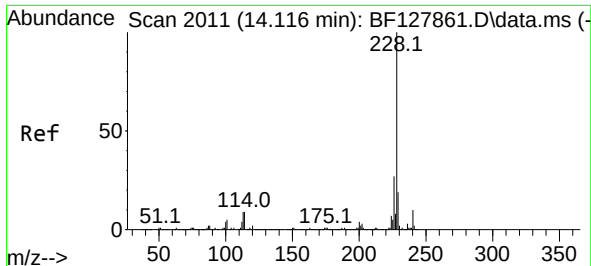
Tgt Ion:202 Resp: 386490
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 17.9 14.0 21.0



#79
Terphenyl-d14
Concen: 55.706 ng
RT: 13.045 min Scan# 1829
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:244 Resp: 641858
Ion Ratio Lower Upper
244 100
212 7.5 6.2 9.4
122 9.1 8.6 12.8

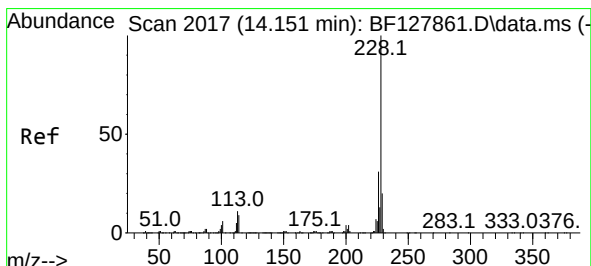
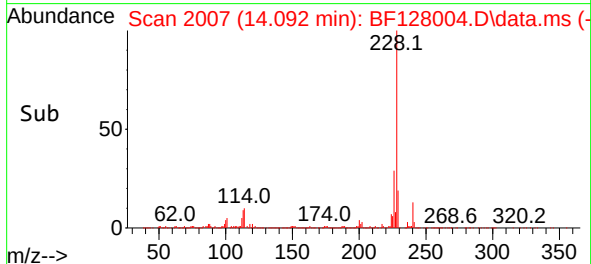
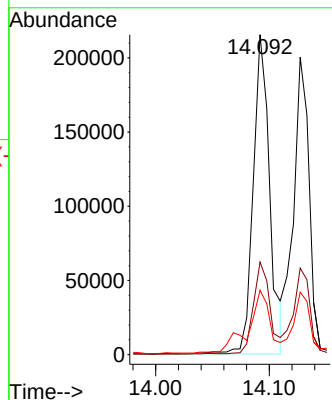
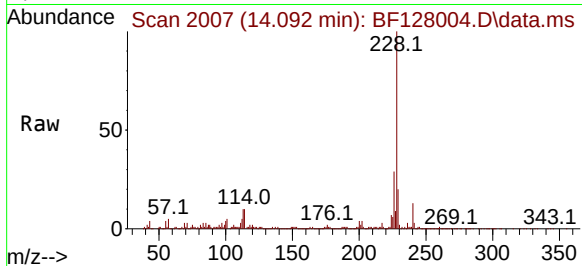




#81
Benzo(a)anthracene
Concen: 15.436 ng
RT: 14.092 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

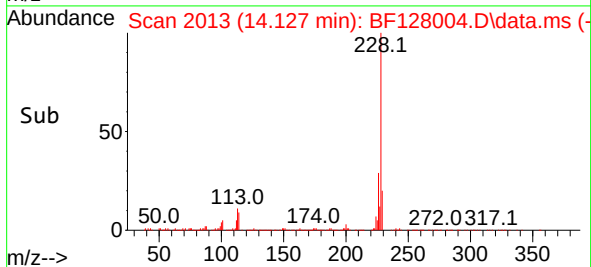
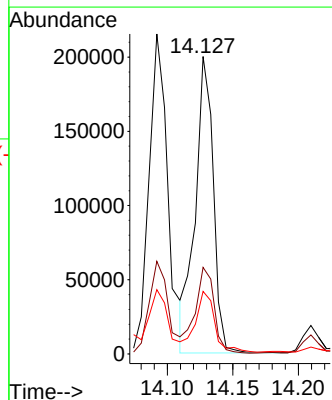
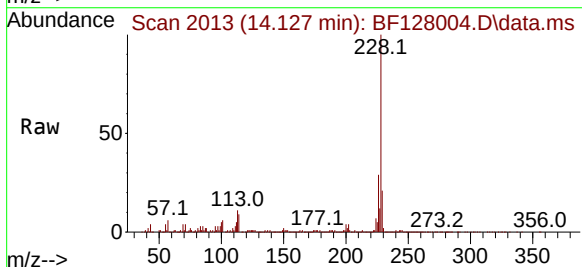
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON

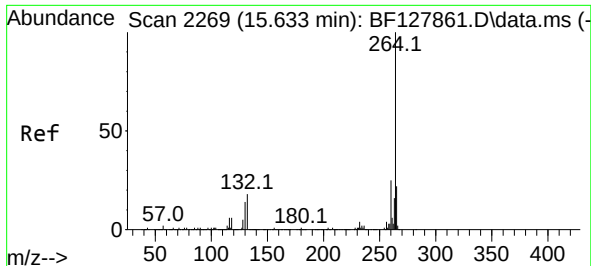
Tgt Ion:228 Resp: 216773
Ion Ratio Lower Upper
228 100
226 29.0 21.7 32.5
229 20.1 15.4 23.2



#83
Chrysene
Concen: 14.275 ng
RT: 14.127 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:228 Resp: 191453
Ion Ratio Lower Upper
228 100
226 29.1 24.4 36.6
229 21.1 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.615 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128004.D

Acq: 29 Apr 2022 19:38

Instrument :

BNA_F

ClientSampleId :

12-15-SB1-BK-PRISON

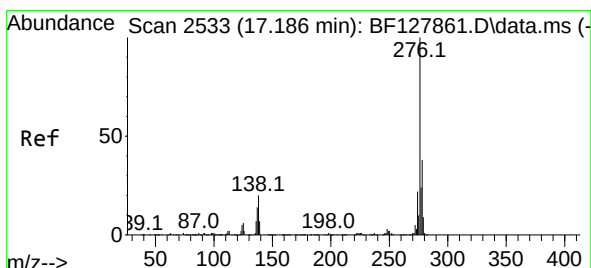
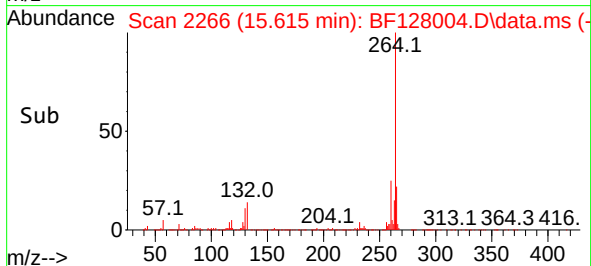
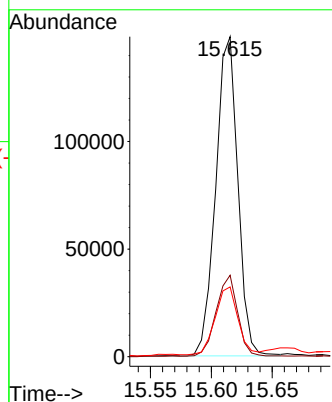
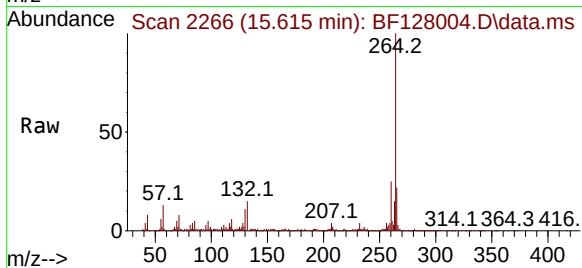
Tgt Ion:264 Resp: 187373

Ion Ratio Lower Upper

264 100

260 25.5 20.1 30.1

265 21.8 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.628 ng

RT: 17.145 min Scan# 2526

Delta R.T. -0.023 min

Lab File: BF128004.D

Acq: 29 Apr 2022 19:38

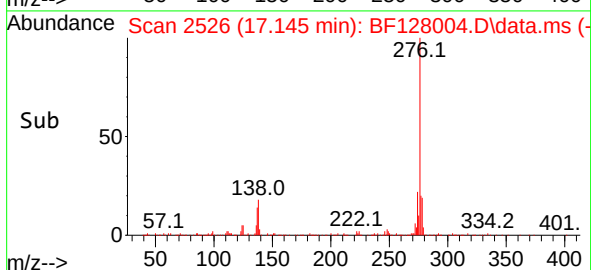
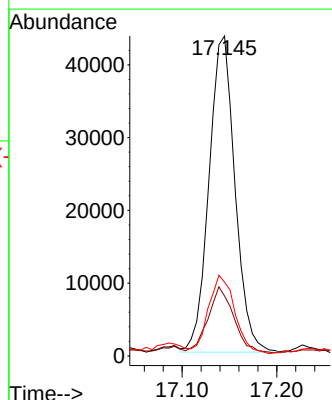
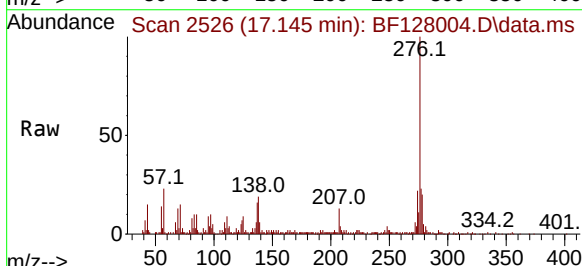
Tgt Ion:276 Resp: 82897

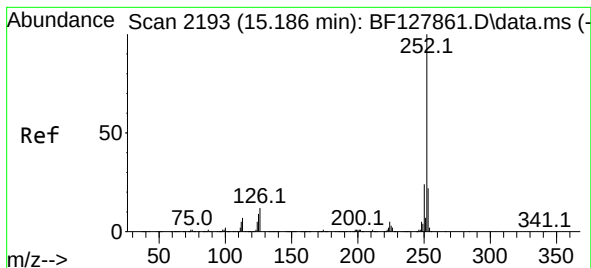
Ion Ratio Lower Upper

276 100

138 20.8 19.0 28.4

277 25.1 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 27.311 ng

RT: 15.168 min Scan# 2190

Delta R.T. -0.006 min

Lab File: BF128004.D

Acq: 29 Apr 2022 19:38

Instrument :

BNA_F

ClientSampleId :

12-15-SB1-BK-PRISON

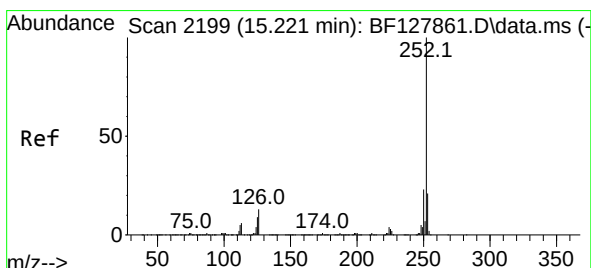
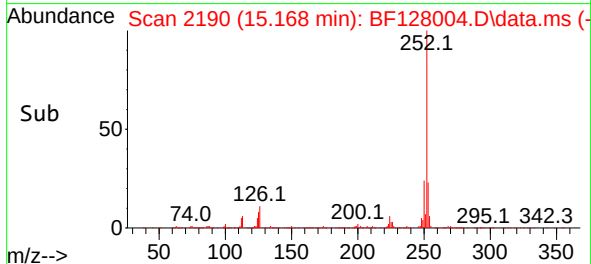
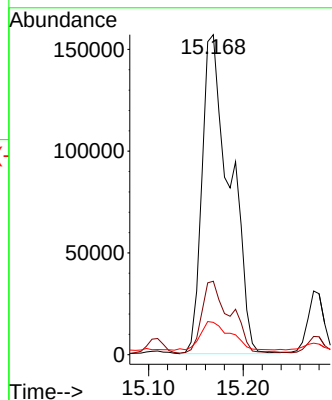
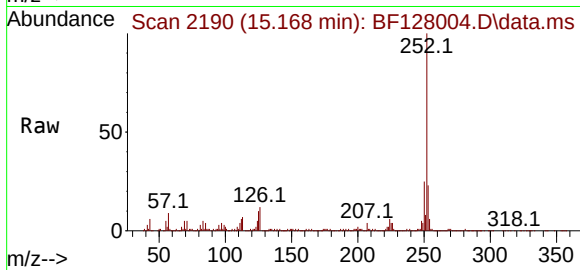
Tgt Ion:252 Resp: 321418

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 10.1 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 27.109 ng

RT: 15.168 min Scan# 2190

Delta R.T. -0.041 min

Lab File: BF128004.D

Acq: 29 Apr 2022 19:38

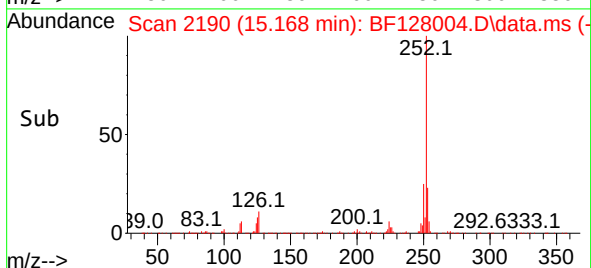
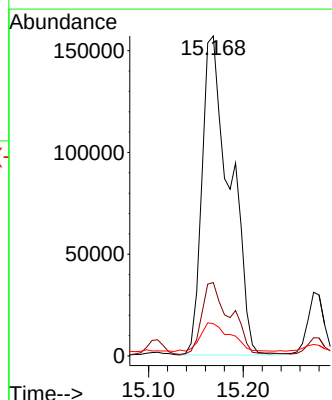
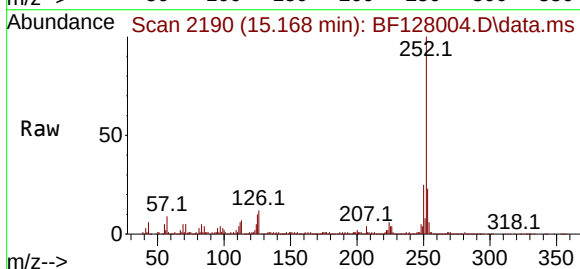
Tgt Ion:252 Resp: 321418

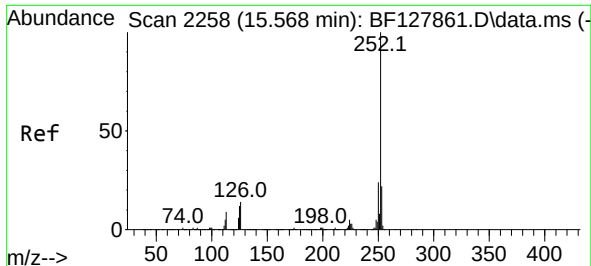
Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.4

125 10.1 6.8 10.2

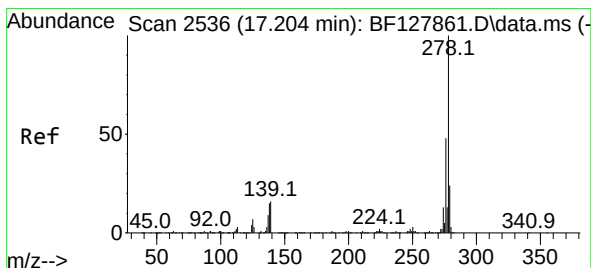
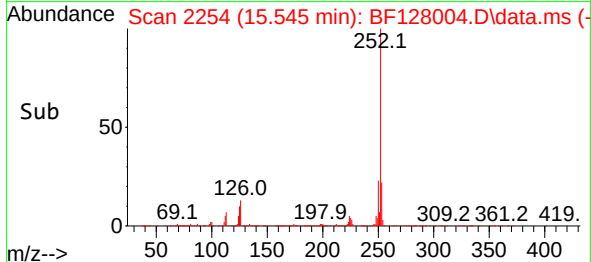
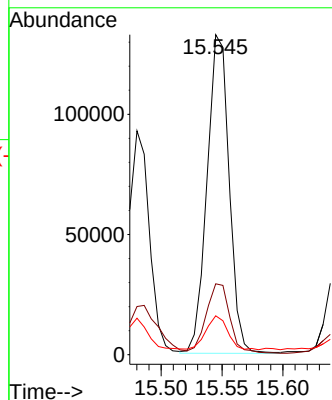
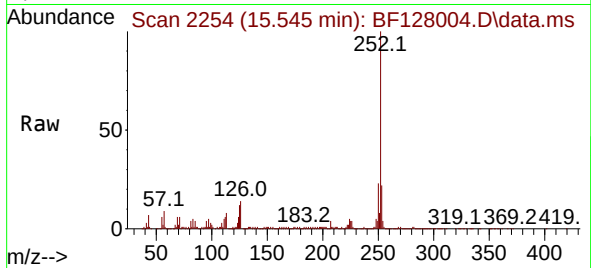




#90
Benzo(a)pyrene
Concen: 17.112 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

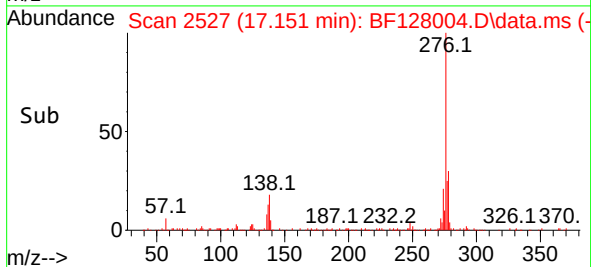
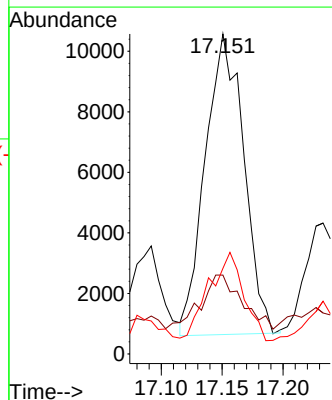
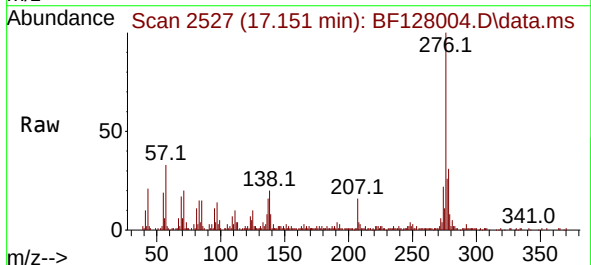
Instrument :
BNA_F
ClientSampleId :
12-15-SB1-BK-PRISON

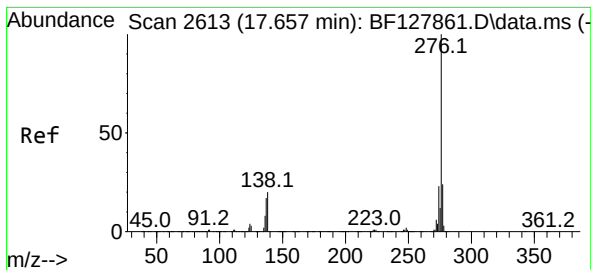
Tgt Ion:252 Resp: 167046
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 12.2 9.2 13.8



#91
Dibenzo(a,h)anthracene
Concen: 2.177 ng
RT: 17.151 min Scan# 2527
Delta R.T. -0.035 min
Lab File: BF128004.D
Acq: 29 Apr 2022 19:38

Tgt Ion:278 Resp: 21837
Ion Ratio Lower Upper
278 100
139 24.6 12.6 19.0#
279 26.7 18.9 28.3





#92

Benzo(g,h,i)perylene

Concen: 7.293 ng

RT: 17.609 min Scan# 20

Delta R.T. -0.029 min

Lab File: BF128004.D

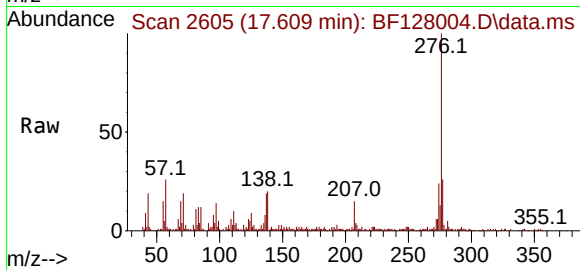
Acq: 29 Apr 2022 19:38

Instrument :

BNA_F

ClientSampleId :

12-15-SB1-BK-PRISON



Tgt Ion: 276 Resp: 77091

Ion Ratio Lower Upper

276 100

277 26.1 18.8 28.2

138 20.1 16.2 24.2

