

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128113.D
 Acq On : 06 May 2022 00:13
 Operator : CG\JU
 Sample : N2684-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-050422

Quant Time: May 06 05:03:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

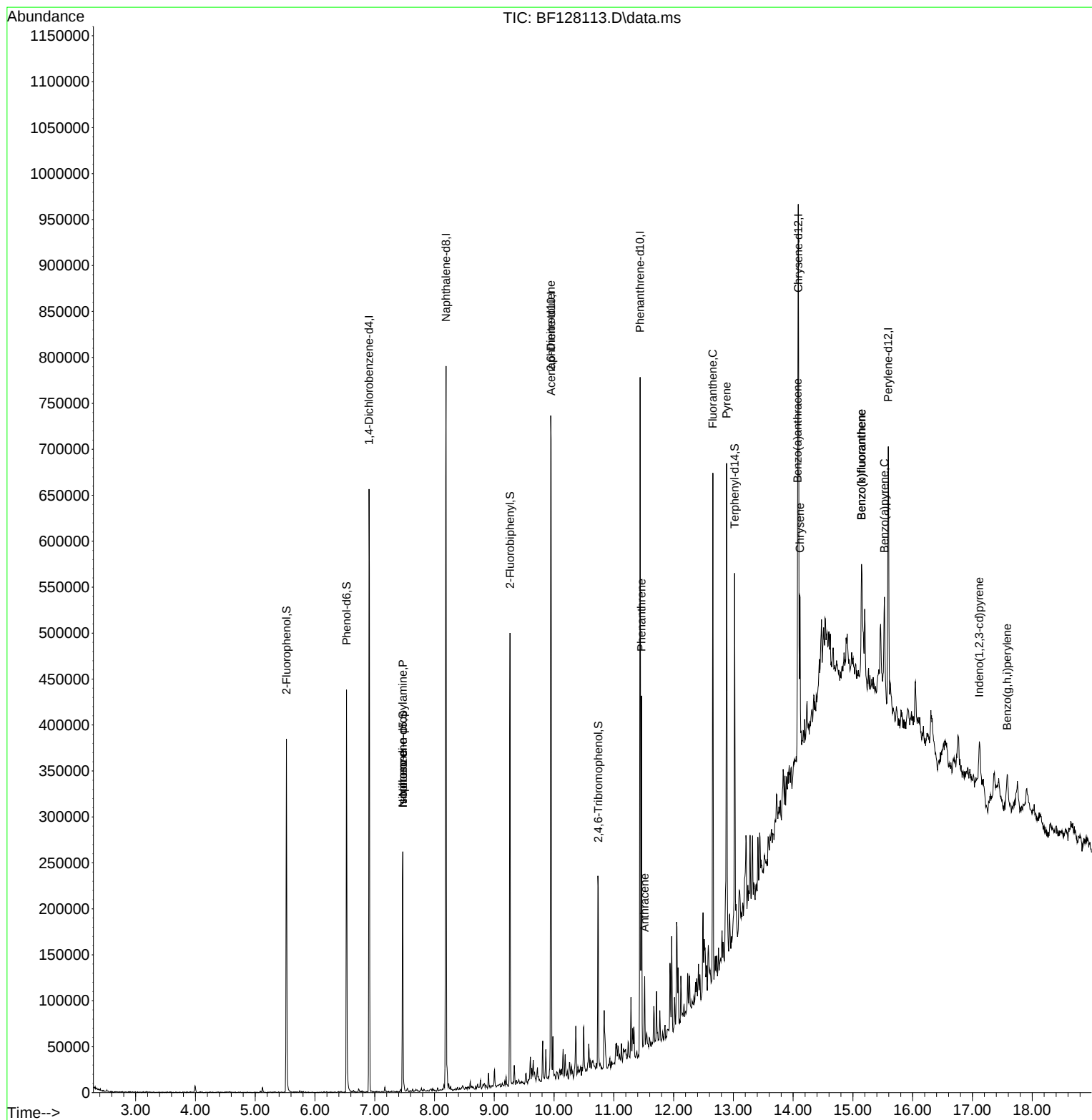
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	90531	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	322978	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	157408	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	250439	20.000	ng	0.00
76) Chrysene-d12	14.086	240	177215	20.000	ng	0.00
86) Perylene-d12	15.592	264	119309	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	91880	16.165	ng	-0.01
7) Phenol-d6	6.528	99	122682	16.635	ng	-0.02
23) Nitrobenzene-d5	7.469	82	82970	12.080	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	23884	15.073	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	134227	14.426	ng	0.00
79) Terphenyl-d14	13.022	244	118262	12.203	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.469	70	11049	2.447	ng	# 78
25) Isophorone	7.469	82	82969	7.177	ng	# 68
51) 2,6-Dinitrotoluene	9.945	165	20919	9.152	ng	# 22
71) Phenanthrene	11.463	178	119753	9.135	ng	98
72) Anthracene	11.516	178	29301	2.244	ng	99
75) Fluoranthene	12.657	202	186291	13.502	ng	97
78) Pyrene	12.886	202	197180	13.783	ng	98
81) Benzo(a)anthracene	14.074	228	80224	6.792	ng	96
83) Chrysene	14.116	228	74923	6.642	ng	97
87) Indeno(1,2,3-cd)pyrene	17.115	276	26203	3.290	ng	99
88) Benzo(b)fluoranthene	15.145	252	86681	11.567	ng	# 88
89) Benzo(k)fluoranthene	15.145	252	86681	11.481	ng	# 87
90) Benzo(a)pyrene	15.527	252	46594	7.496	ng	# 90
92) Benzo(g,h,i)perylene	17.580	276	28852	4.287	ng	# 92

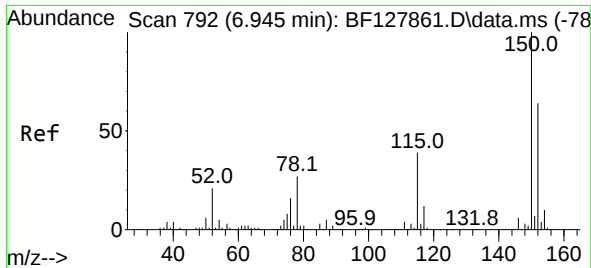
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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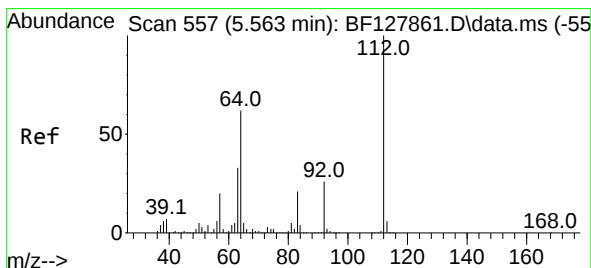
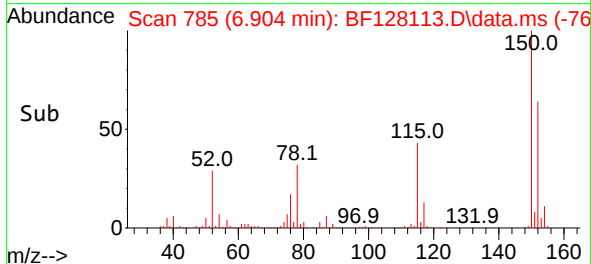
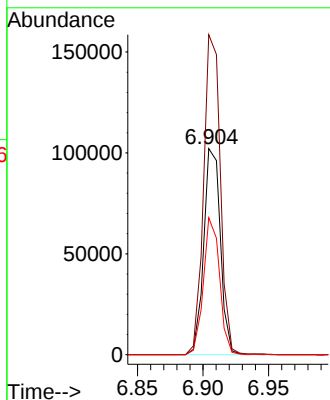
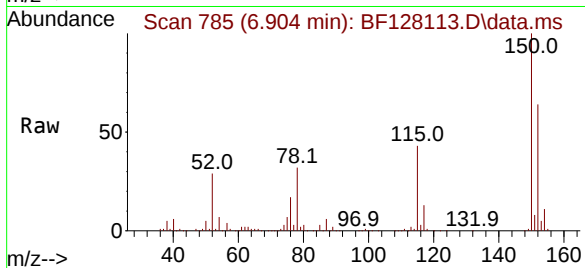




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

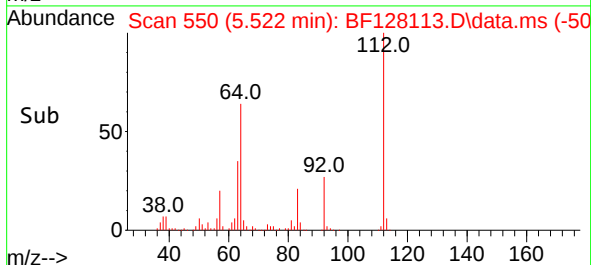
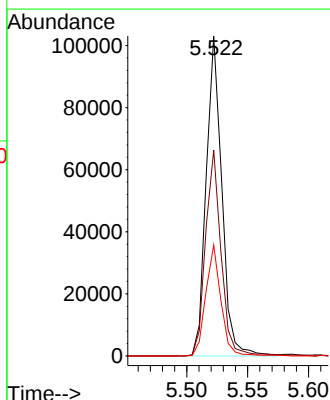
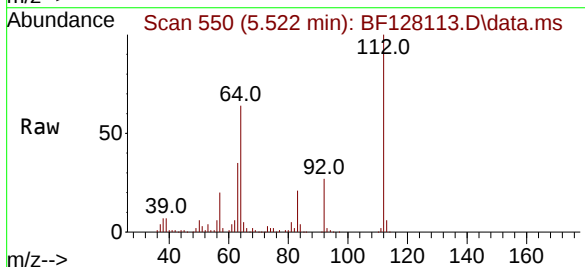
Instrument :
BNA_F
ClientSampleId :
OK-01-050422

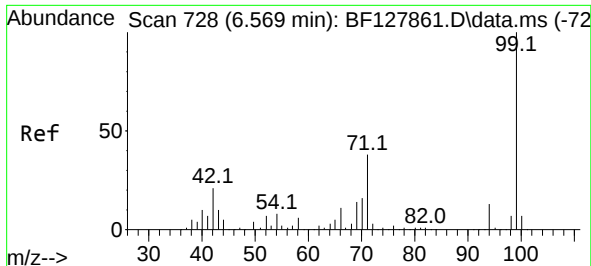
Tgt Ion:152 Resp: 90531
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 66.5 48.8 73.2



#5
2-Fluorophenol
Concen: 16.165 ng
RT: 5.522 min Scan# 550
Delta R.T. -0.012 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

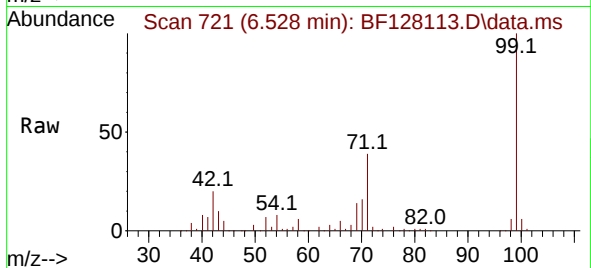
Tgt Ion:112 Resp: 91880
Ion Ratio Lower Upper
112 100
64 64.4 49.5 74.3
63 34.6 26.3 39.5



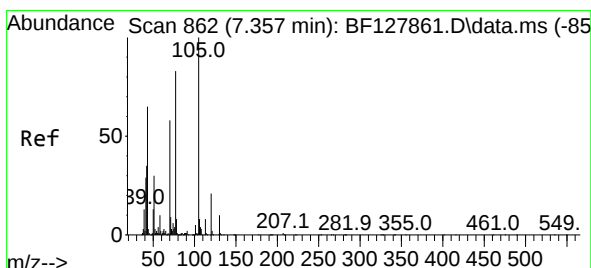
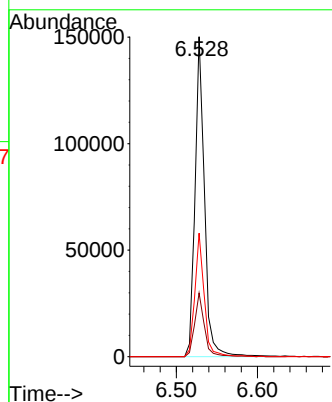
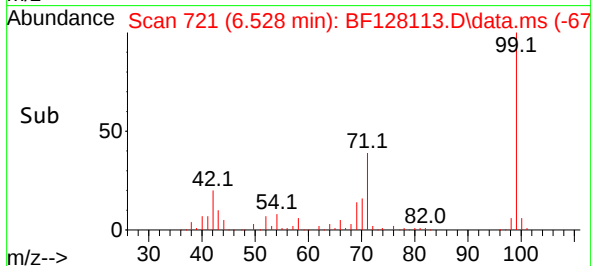


#7
Phenol-d6
Concen: 16.635 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

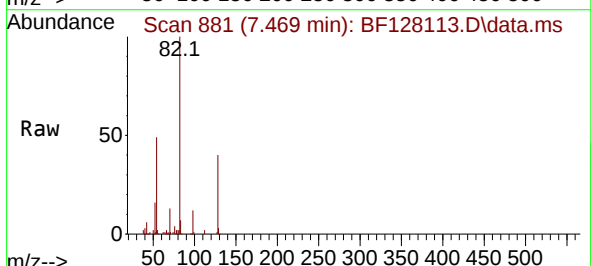
Instrument :
BNA_F
ClientSampleId :
OK-01-050422



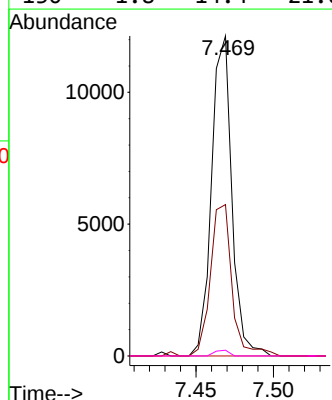
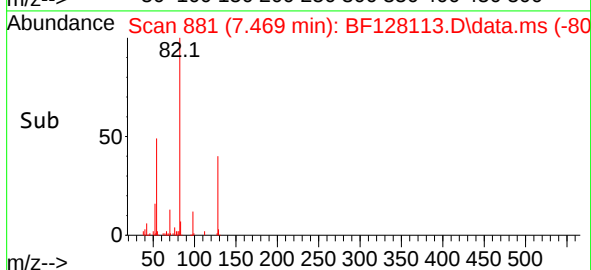
Tgt Ion: 99 Resp: 122682
Ion Ratio Lower Upper
99 100
42 19.9 16.6 24.8
71 38.6 30.0 45.0

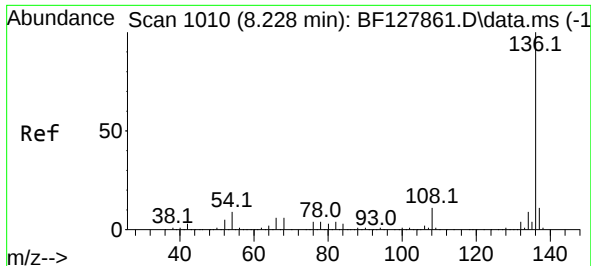


#19
n-Nitroso-di-n-propylamine
Concen: 2.447 ng
RT: 7.469 min Scan# 881
Delta R.T. 0.141 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13



Tgt Ion: 70 Resp: 11049
Ion Ratio Lower Upper
70 100
42 47.3 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#



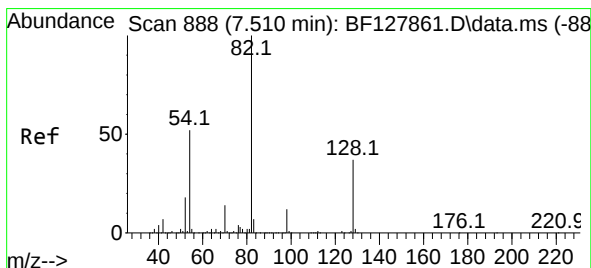
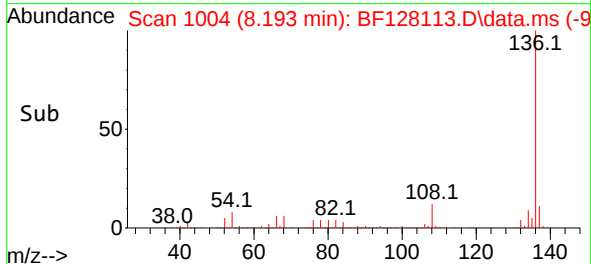
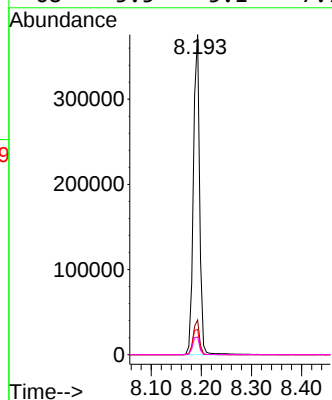
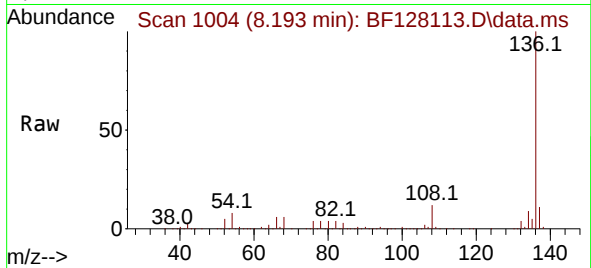


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.193 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

Instrument :
BNA_F
ClientSampleId :
OK-01-050422

Tgt Ion:136 Resp: 322978

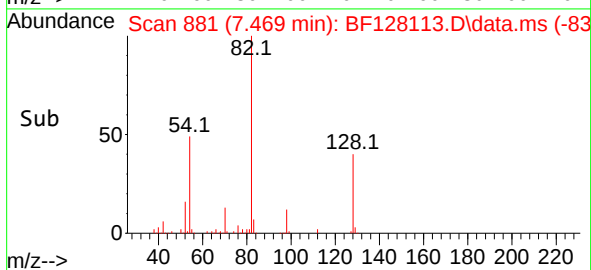
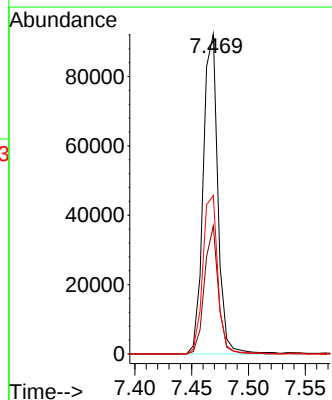
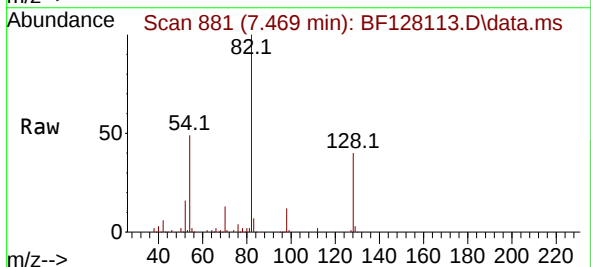
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.9	6.8	10.2
68	5.5	5.1	7.7

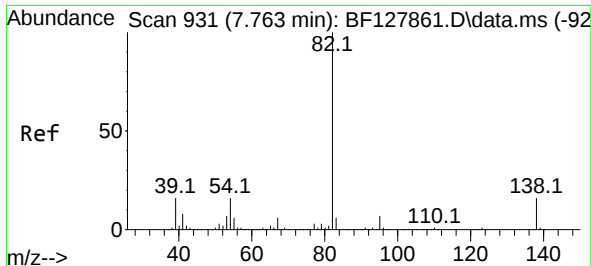


#23
Nitrobenzene-d5
Concen: 12.080 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

Tgt Ion: 82 Resp: 82970

Ion	Ratio	Lower	Upper
82	100		
128	40.0	30.0	45.0
54	49.5	41.3	61.9

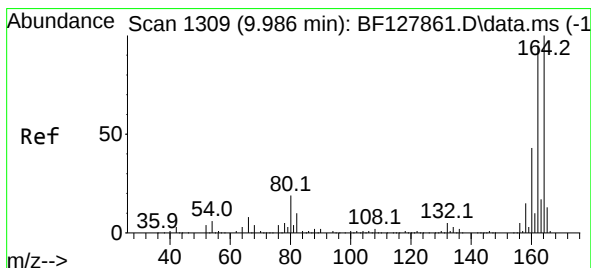
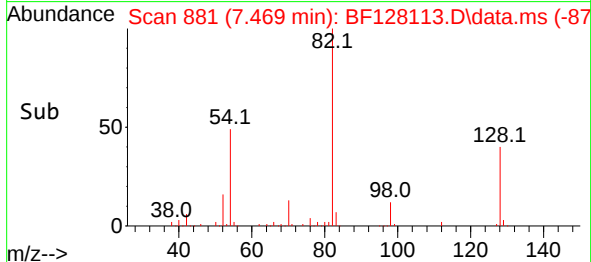
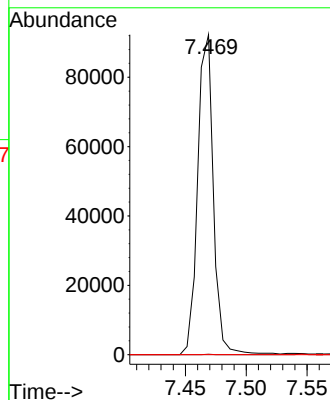
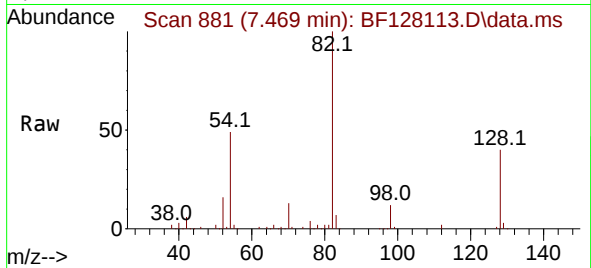




#25
Isophorone
Concen: 7.177 ng
RT: 7.469 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

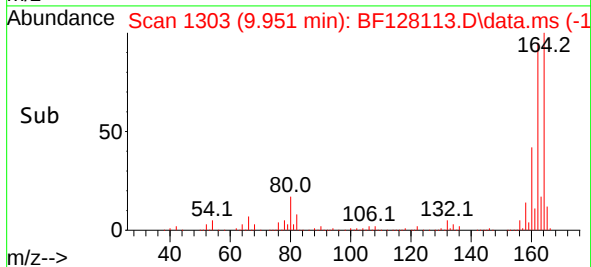
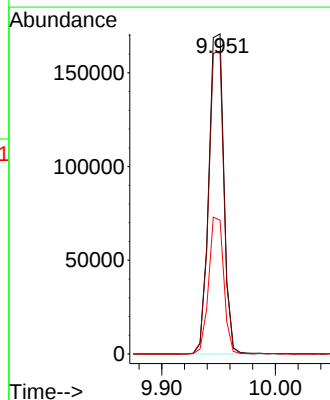
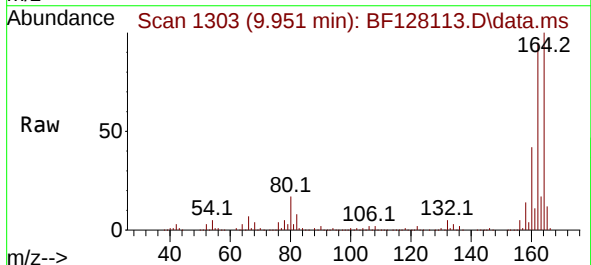
Instrument :
BNA_F
ClientSampleId :
OK-01-050422

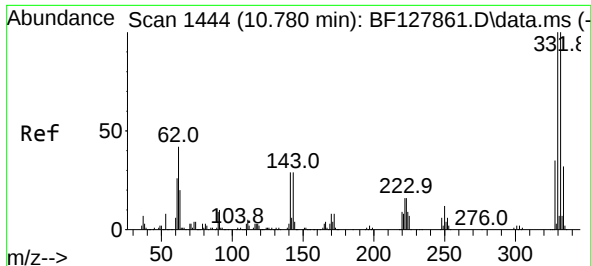
Tgt Ion: 82 Resp: 82969
Ion Ratio Lower Upper
82 100
95 0.2 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

Tgt Ion: 164 Resp: 157408
Ion Ratio Lower Upper
164 100
162 94.7 76.0 114.0
160 41.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 15.073 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128113.D

Acq: 06 May 2022 00:13

Instrument :

BNA_F

ClientSampleId :

OK-01-050422

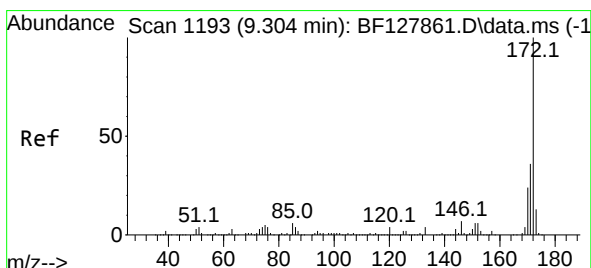
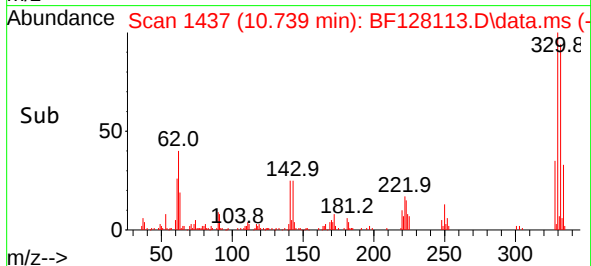
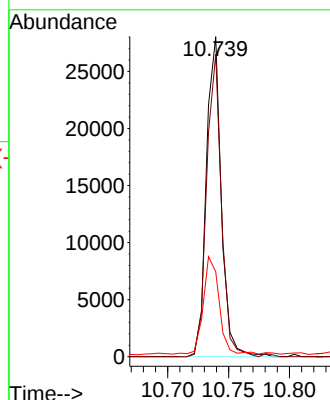
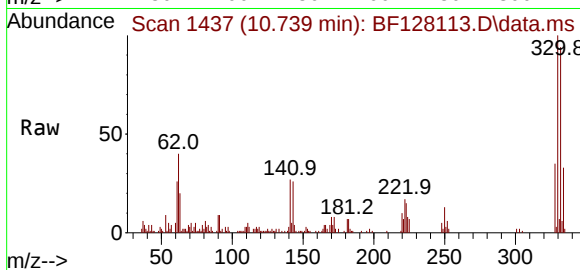
Tgt Ion:330 Resp: 23884

Ion Ratio Lower Upper

330 100

332 93.6 79.0 118.4

141 32.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 14.426 ng

RT: 9.263 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF128113.D

Acq: 06 May 2022 00:13

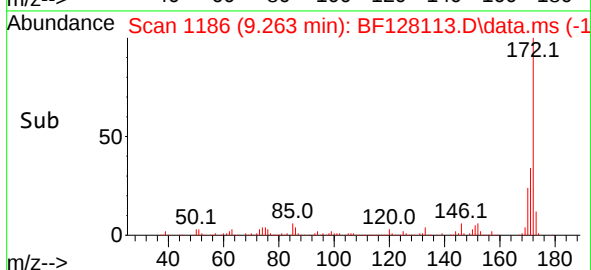
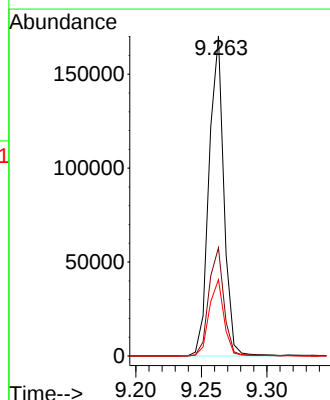
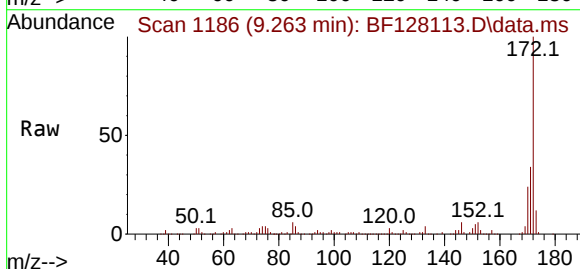
Tgt Ion:172 Resp: 134227

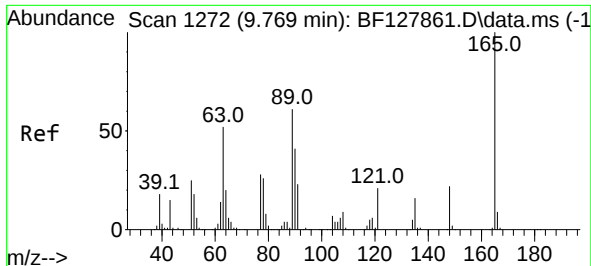
Ion Ratio Lower Upper

172 100

171 33.8 28.6 42.8

170 23.9 19.1 28.7

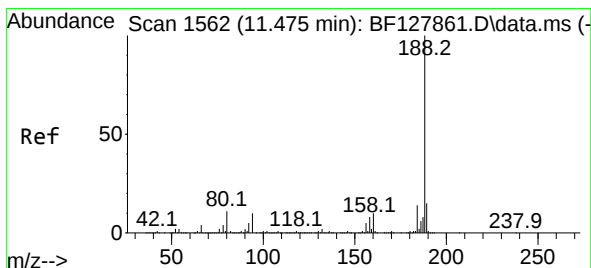
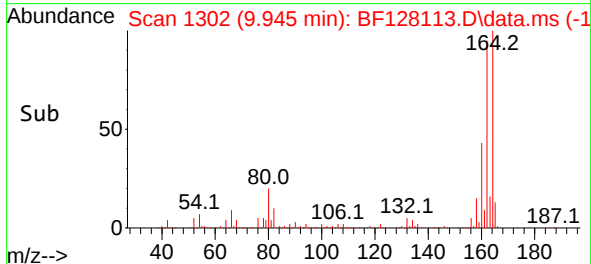
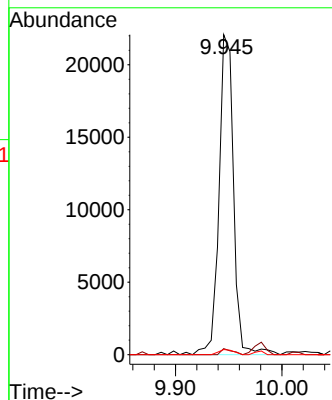
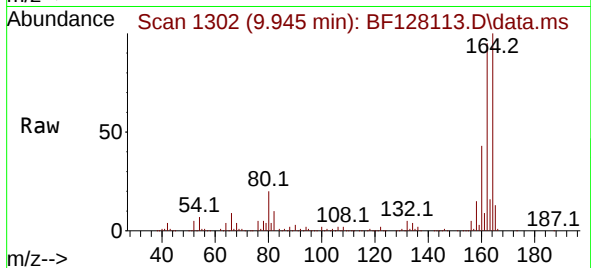




#51
2,6-Dinitrotoluene
Concen: 9.152 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

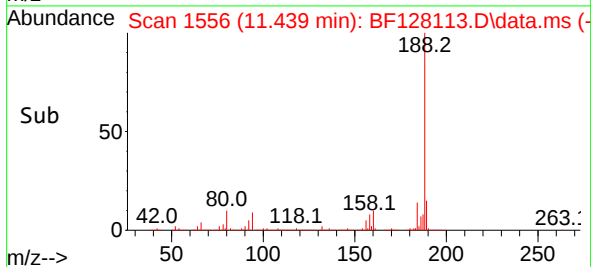
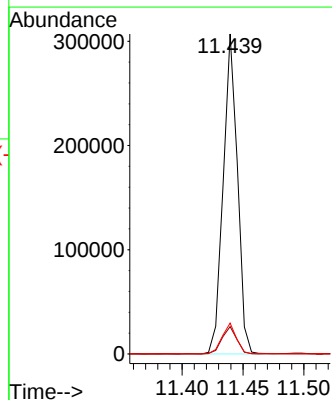
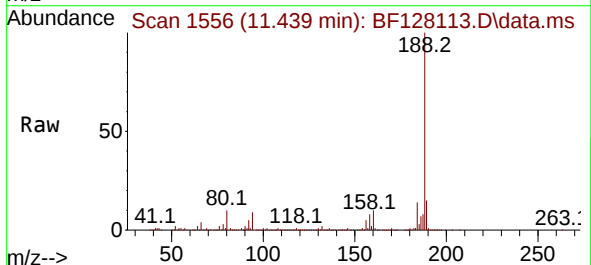
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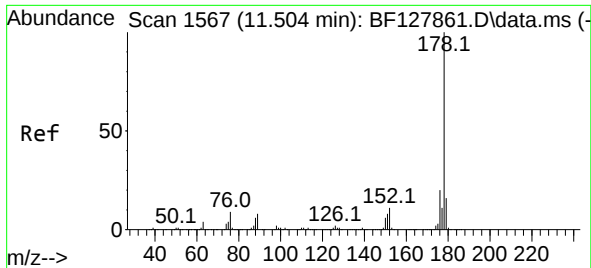
Tgt Ion:165 Resp: 20919
Ion Ratio Lower Upper
165 100
63 1.9 49.5 74.3#
89 1.6 49.0 73.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.006 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

Tgt Ion:188 Resp: 250439
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.7 8.9 13.3

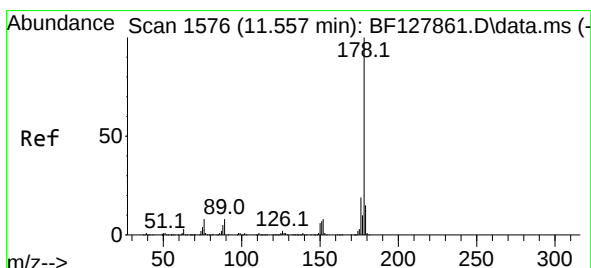
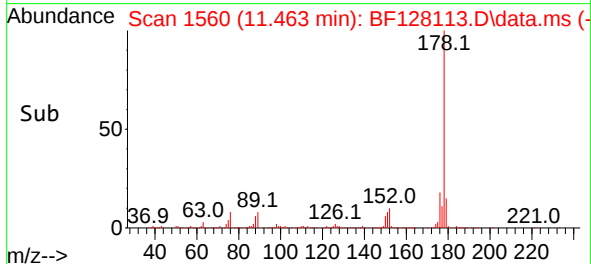
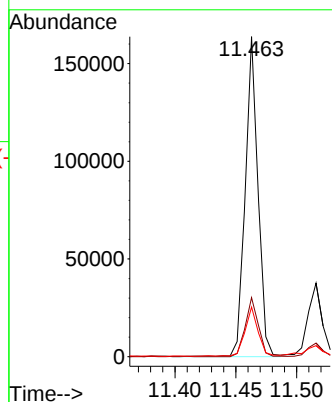
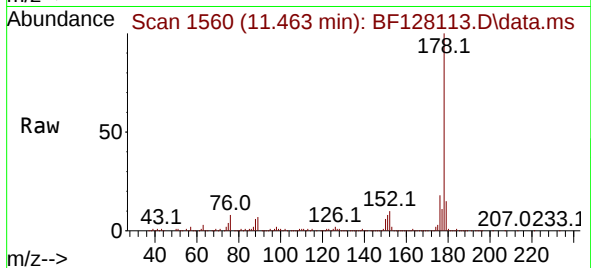




#71
Phenanthrene
Concen: 9.135 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

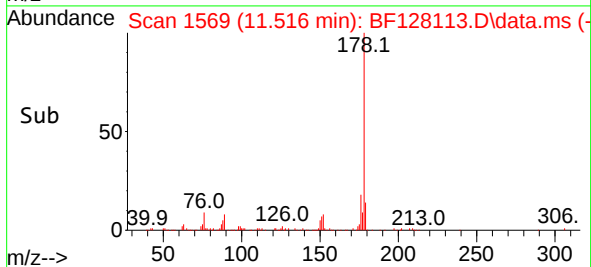
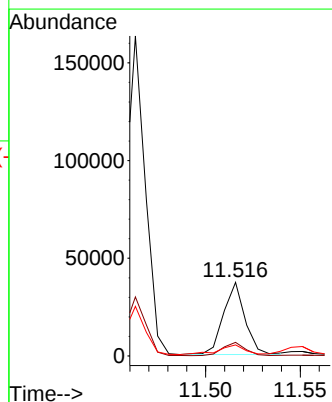
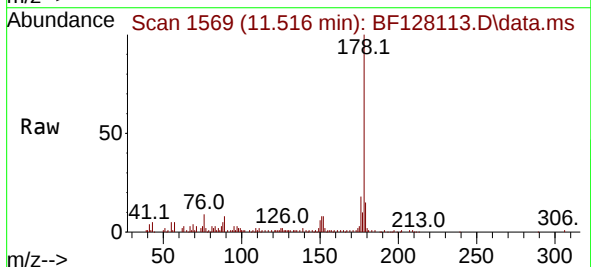
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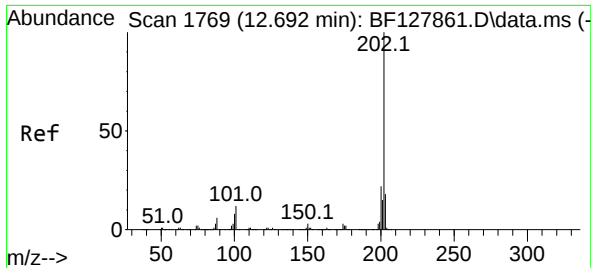
Tgt Ion:178 Resp: 119753
Ion Ratio Lower Upper
178 100
176 18.5 15.7 23.5
179 15.5 12.6 19.0



#72
Anthracene
Concen: 2.244 ng
RT: 11.516 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

Tgt Ion:178 Resp: 29301
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 14.9 12.4 18.6

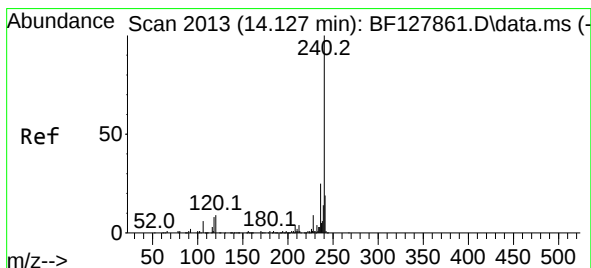
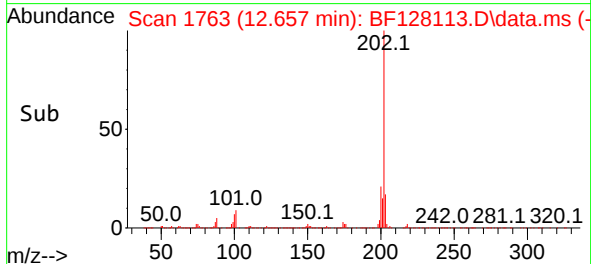
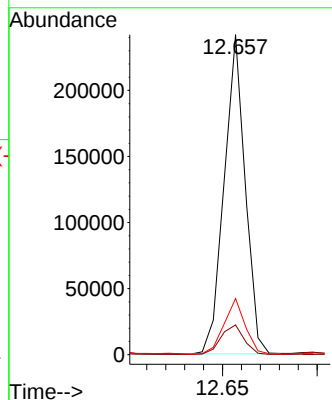
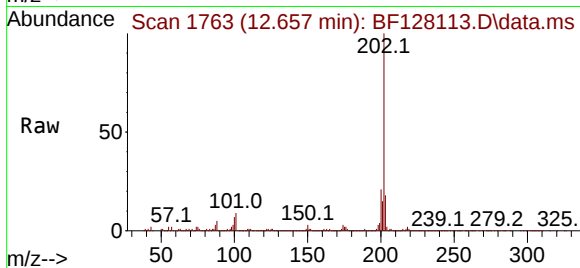




#75
Fluoranthene
Concen: 13.502 ng
RT: 12.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

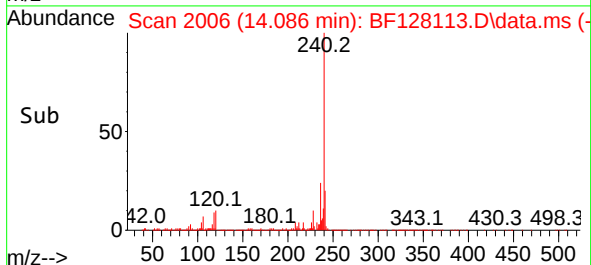
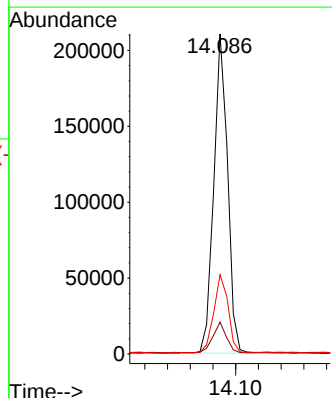
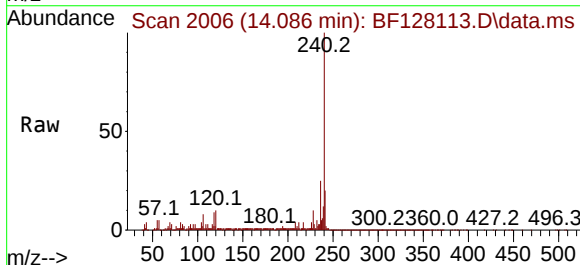
Instrument :
BNA_F
ClientSampleId :
OK-01-050422

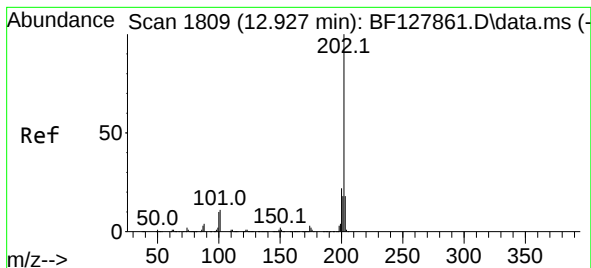
Tgt Ion:202 Resp: 186291
Ion Ratio Lower Upper
202 100
101 9.3 0.0 31.6
203 17.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

Tgt Ion:240 Resp: 177215
Ion Ratio Lower Upper
240 100
120 10.0 7.0 10.6
236 24.8 20.3 30.5





#78

Pyrene

Concen: 13.783 ng

RT: 12.886 min Scan# 1802

Delta R.T. -0.006 min

Lab File: BF128113.D

Acq: 06 May 2022 00:13

Instrument :

BNA_F

ClientSampleId :

OK-01-050422

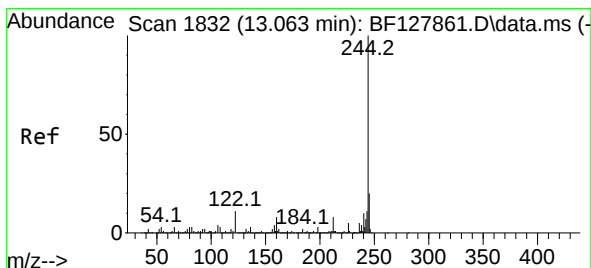
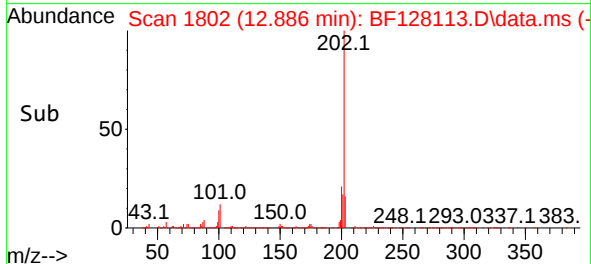
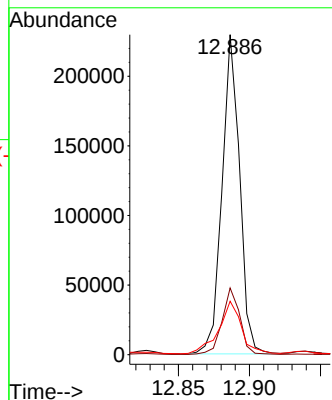
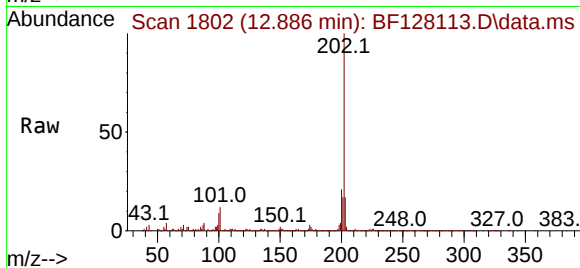
Tgt Ion:202 Resp: 197180

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

203 16.7 14.0 21.0



#79

Terphenyl-d14

Concen: 12.203 ng

RT: 13.022 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF128113.D

Acq: 06 May 2022 00:13

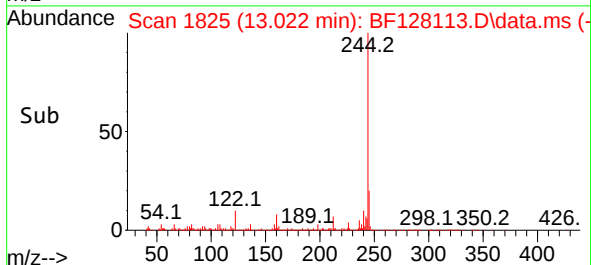
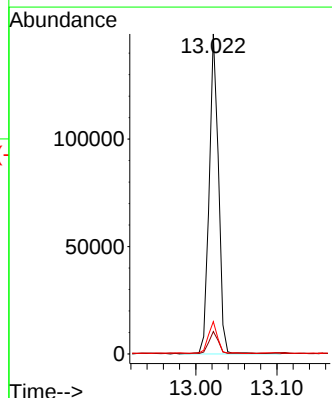
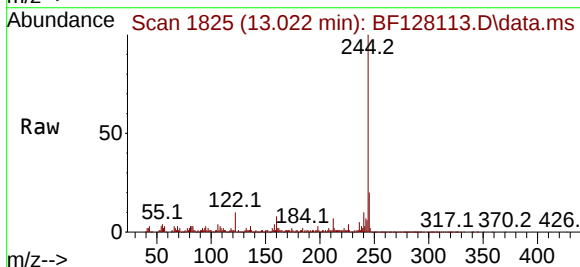
Tgt Ion:244 Resp: 118262

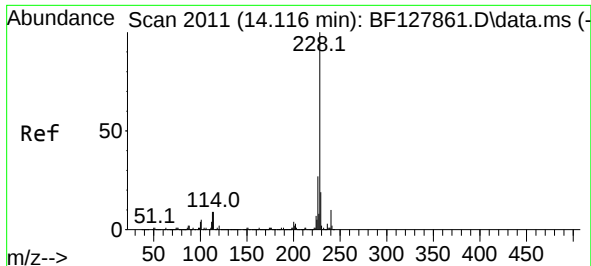
Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.4

122 10.1 8.6 12.8

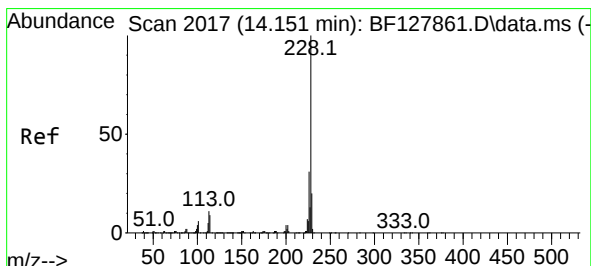
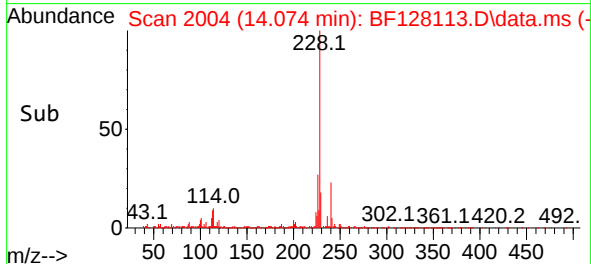
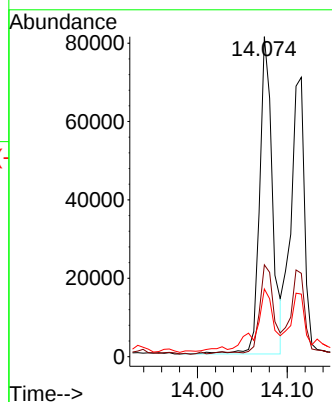
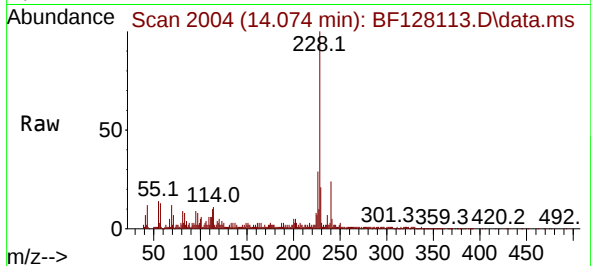




#81
Benzo(a)anthracene
Concen: 6.792 ng
RT: 14.074 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

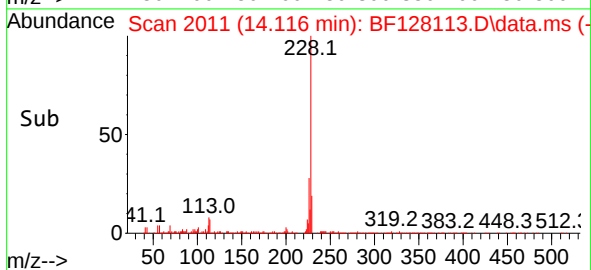
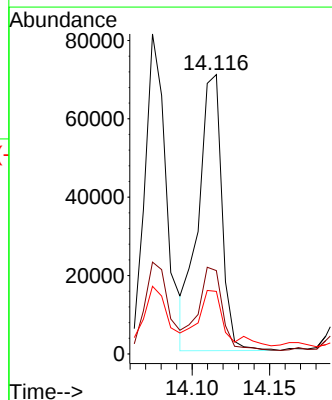
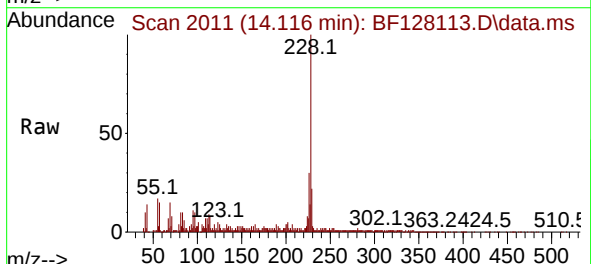
Instrument :
BNA_F
ClientSampleId :
OK-01-050422

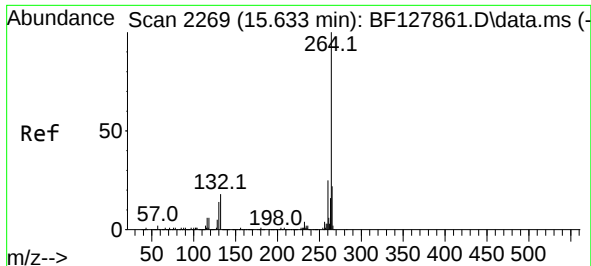
Tgt Ion:228 Resp: 80224
Ion Ratio Lower Upper
228 100
226 28.7 21.7 32.5
229 21.2 15.4 23.2



#83
Chrysene
Concen: 6.642 ng
RT: 14.116 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

Tgt Ion:228 Resp: 74923
Ion Ratio Lower Upper
228 100
226 29.8 24.4 36.6
229 22.4 15.8 23.8

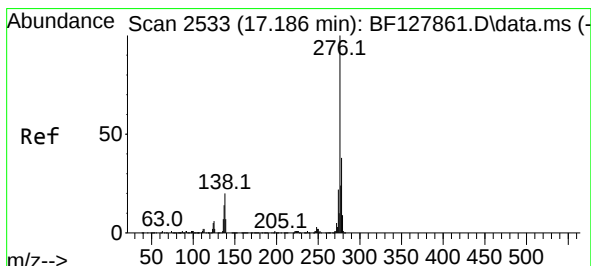
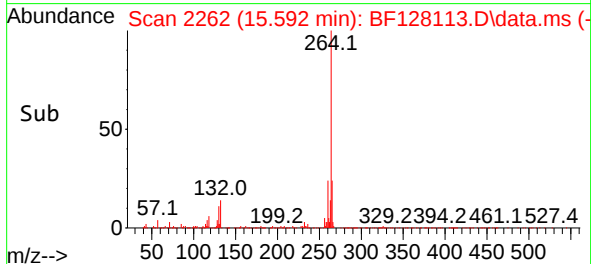
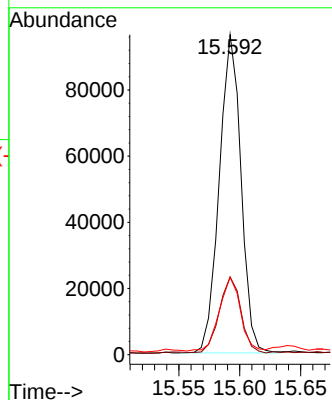
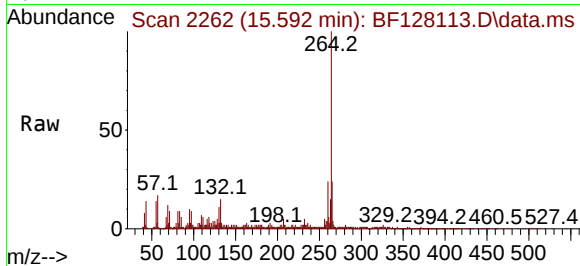




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

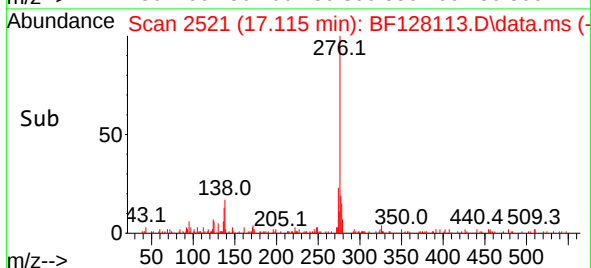
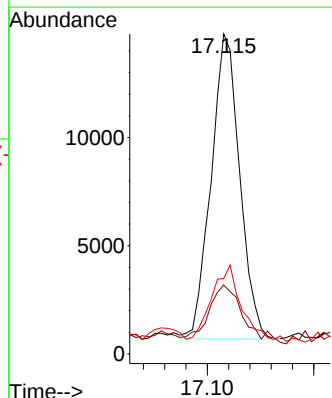
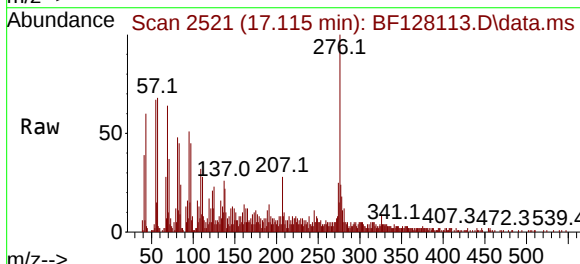
Instrument :
BNA_F
ClientSampleId :
OK-01-050422

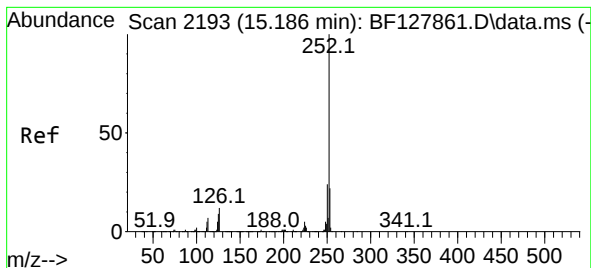
Tgt Ion:264 Resp: 119309
Ion Ratio Lower Upper
264 100
260 24.3 20.1 30.1
265 24.2 17.5 26.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 3.290 ng
RT: 17.115 min Scan# 2521
Delta R.T. -0.012 min
Lab File: BF128113.D
Acq: 06 May 2022 00:13

Tgt Ion:276 Resp: 26203
Ion Ratio Lower Upper
276 100
138 23.9 19.0 28.4
277 24.2 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 11.567 ng

RT: 15.145 min Scan# 2186

Delta R.T. -0.006 min

Lab File: BF128113.D

Acq: 06 May 2022 00:13

Instrument :

BNA_F

ClientSampleId :

OK-01-050422

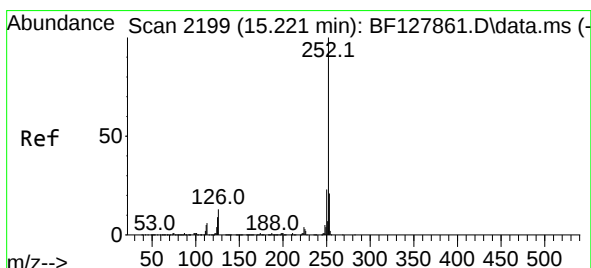
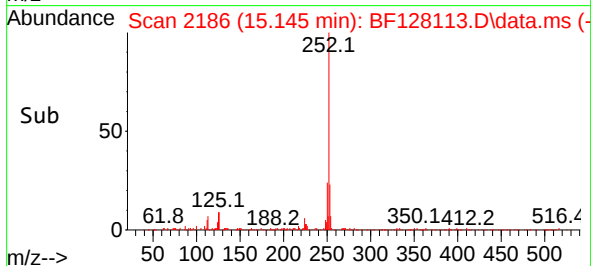
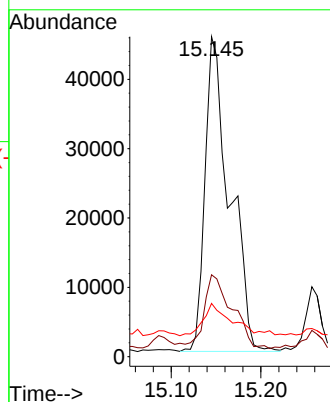
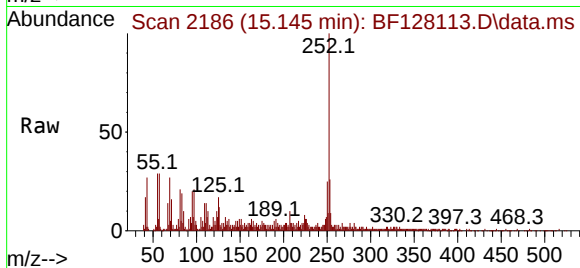
Tgt Ion:252 Resp: 86681

Ion Ratio Lower Upper

252 100

253 25.6 17.4 26.2

125 16.7 7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 11.481 ng

RT: 15.145 min Scan# 2186

Delta R.T. -0.035 min

Lab File: BF128113.D

Acq: 06 May 2022 00:13

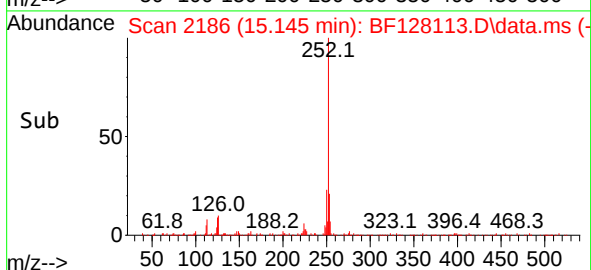
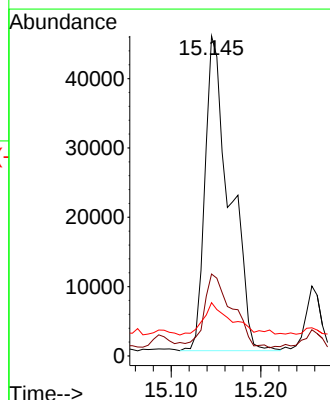
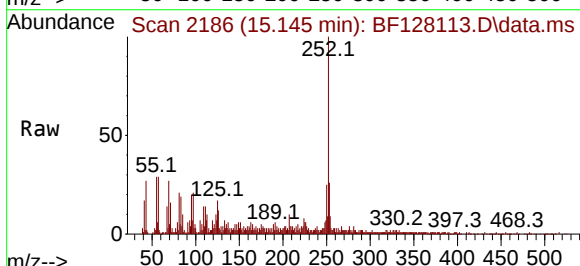
Tgt Ion:252 Resp: 86681

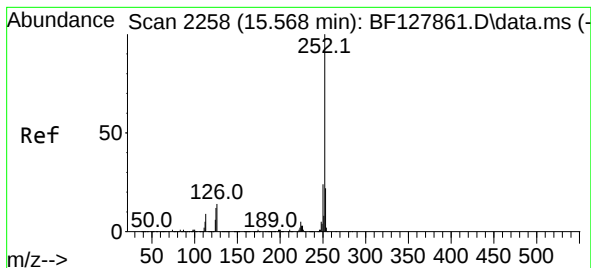
Ion Ratio Lower Upper

252 100

253 25.6 17.0 25.4#

125 16.7 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 7.496 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128113.D

Acq: 06 May 2022 00:13

Instrument :

BNA_F

ClientSampleId :

OK-01-050422

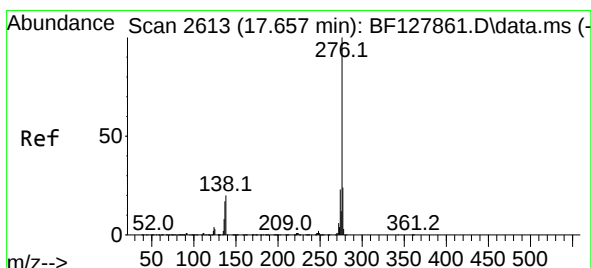
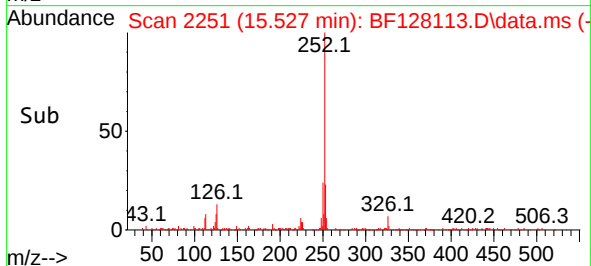
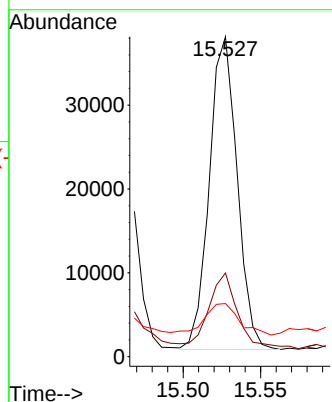
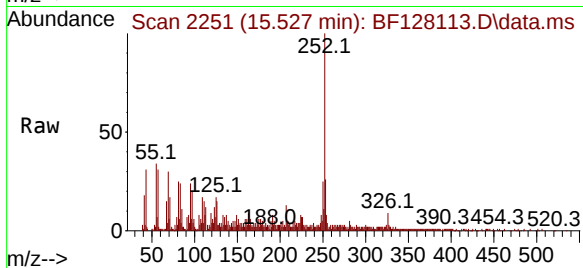
Tgt Ion:252 Resp: 46594

Ion Ratio Lower Upper

252 100

253 26.2 17.8 26.6

125 16.6 9.2 13.8#



#92

Benzo(g,h,i)perylene

Concen: 4.287 ng

RT: 17.580 min Scan# 2600

Delta R.T. -0.017 min

Lab File: BF128113.D

Acq: 06 May 2022 00:13

Tgt Ion:276 Resp: 28852

Ion Ratio Lower Upper

276 100

277 27.3 18.8 28.2

138 24.4 16.2 24.2#

