

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128102.D
 Acq On : 05 May 2022 18:54
 Operator : CG\JU
 Sample : N2672-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 07

Quant Time: May 06 05:02:03 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)

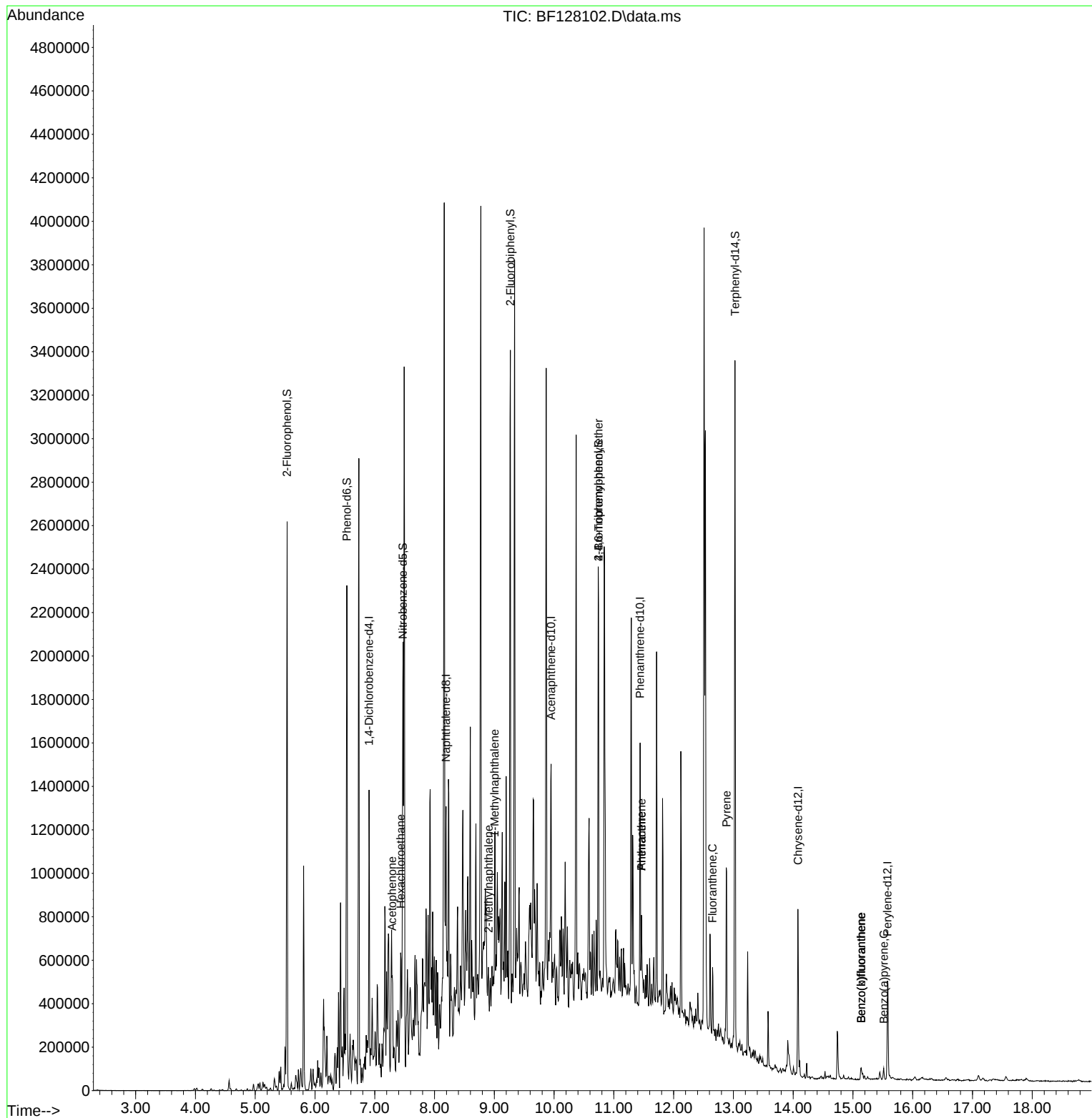
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	94754	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	375897	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	226306	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	404776	20.000	ng	0.00
76) Chrysene-d12	14.080	240	241385	20.000	ng	-0.01
86) Perylene-d12	15.580	264	212981	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	634743	106.698	ng	0.00
7) Phenol-d6	6.534	99	849818	110.092	ng	-0.01
23) Nitrobenzene-d5	7.469	82	604650	75.641	ng	-0.01
42) 2,4,6-Tribromophenol	10.745	330	256452	112.570	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	977260	73.055	ng	0.00
79) Terphenyl-d14	13.027	244	1032923	78.247	ng	0.00
Target Compounds						
					Qvalue	
18) Hexachloroethane	7.434	117	20426	7.832	ng	# 1
22) Acetophenone	7.292	105	96074	10.486	ng	# 62
37) 2-Methylnaphthalene	8.904	142	39752	3.142	ng	98
38) 1-Methylnaphthalene	9.004	142	30370	2.469	ng	95
67) 4-Bromophenyl-phenylether	10.745	248	16203	3.611	ng	# 1
71) Phenanthrene	11.463	178	74295	3.506	ng	99
72) Anthracene	11.463	178	74295	3.520	ng	98
75) Fluoranthene	12.651	202	94364	4.232	ng	99
78) Pyrene	12.886	202	82201	4.219	ng	98
88) Benzo(b)fluoranthene	15.139	252	40117	2.999	ng	# 95
89) Benzo(k)fluoranthene	15.139	252	40117	2.977	ng	# 94
90) Benzo(a)pyrene	15.515	252	22825	2.057	ng	96

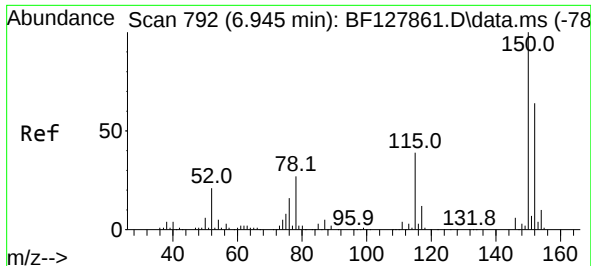
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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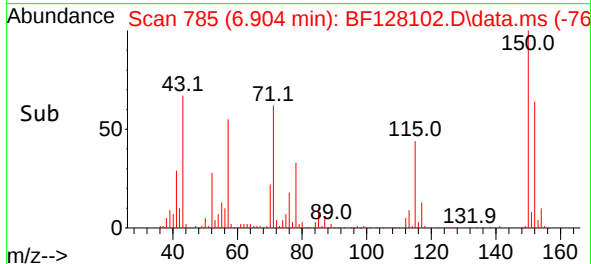
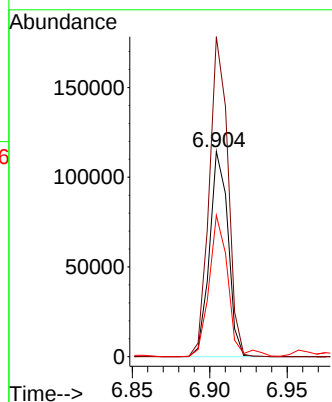
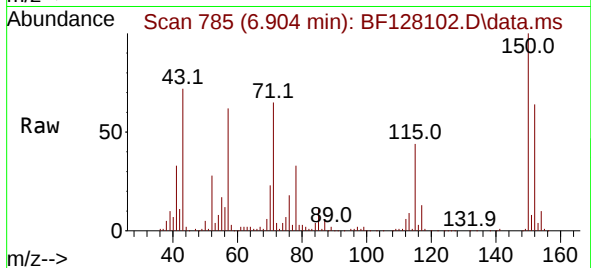




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

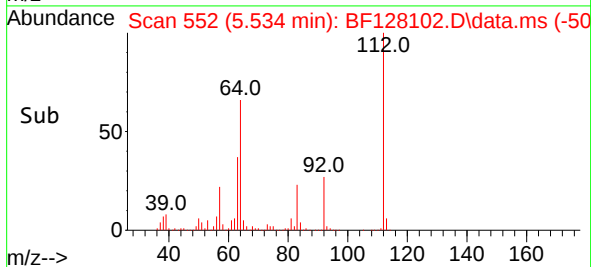
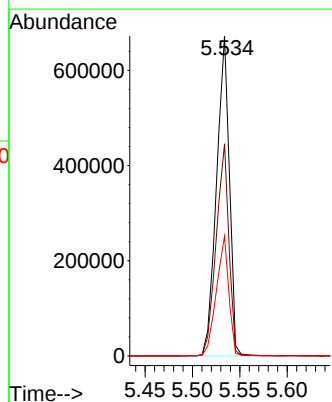
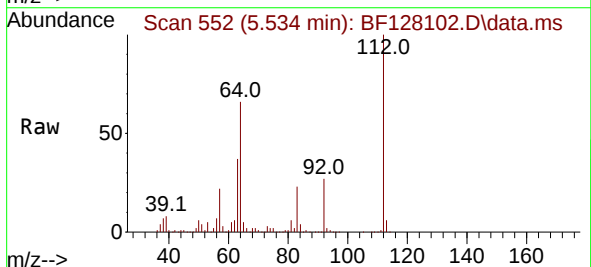
Instrument :
BNA_F
ClientSampleId :
07

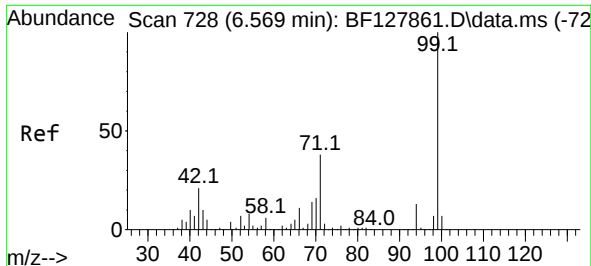
Tgt Ion:152 Resp: 94754
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 68.9 48.8 73.2



#5
2-Fluorophenol
Concen: 106.698 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Tgt Ion:112 Resp: 634743
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 37.5 26.3 39.5

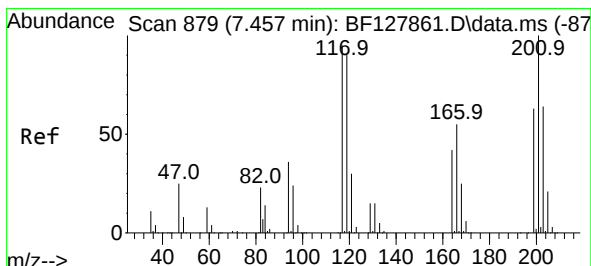
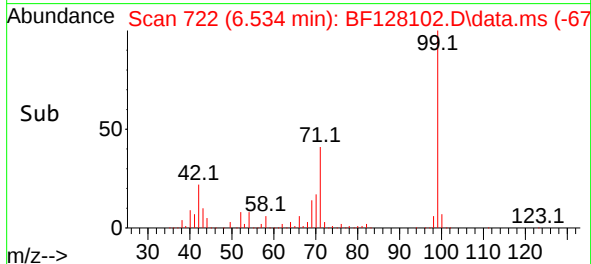
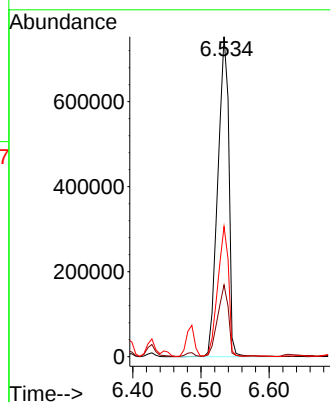
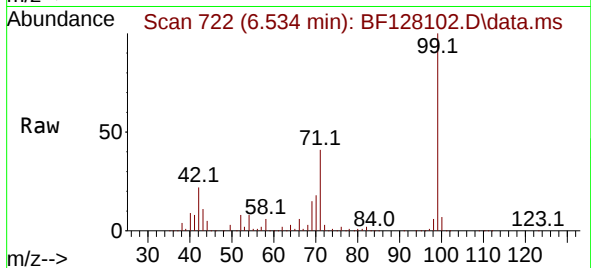




#7
Phenol-d6
Concen: 110.092 ng
RT: 6.534 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

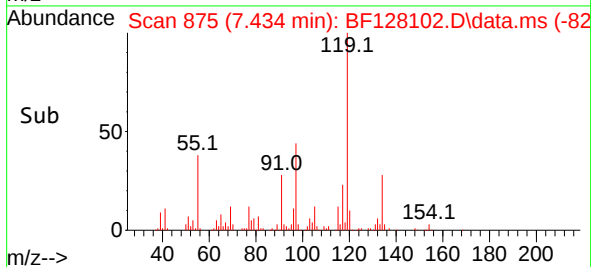
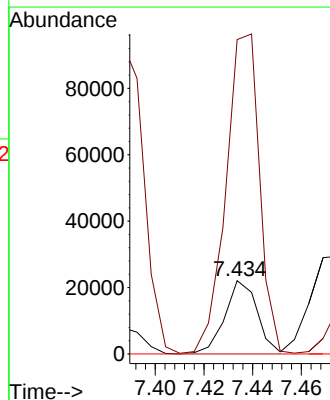
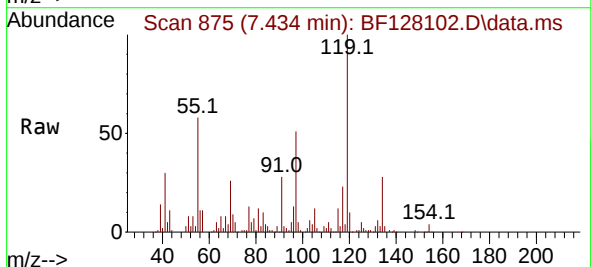
Instrument :
BNA_F
ClientSampleId :
07

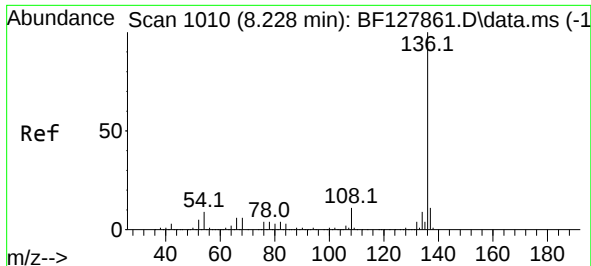
Tgt Ion: 99 Resp: 849818
Ion Ratio Lower Upper
99 100
42 22.4 16.6 24.8
71 40.7 30.0 45.0



#18
Hexachloroethane
Concen: 7.832 ng
RT: 7.434 min Scan# 875
Delta R.T. 0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Tgt Ion: 117 Resp: 20426
Ion Ratio Lower Upper
117 100
119 429.4 76.2 114.4#
201 0.0 84.4 126.6#

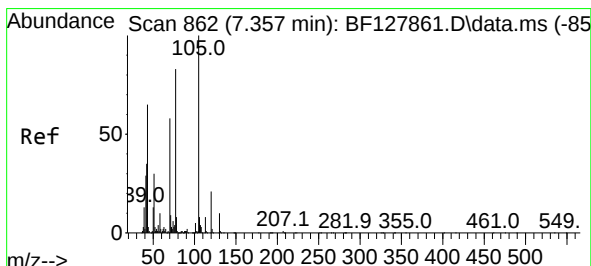
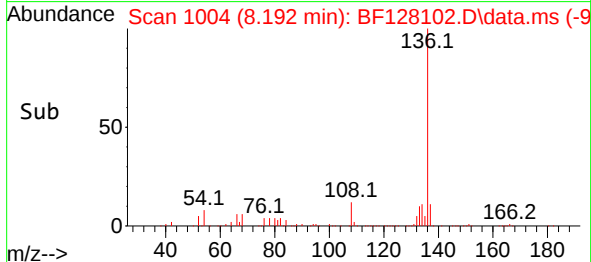
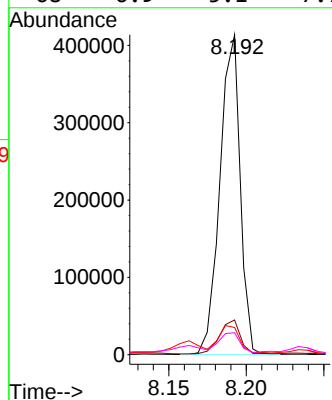
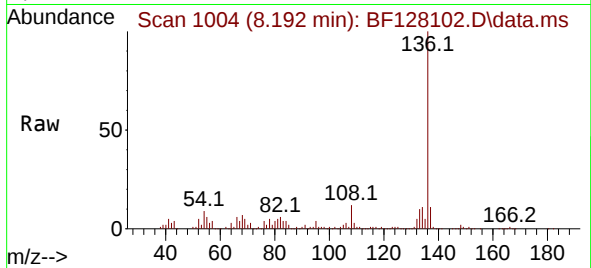




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

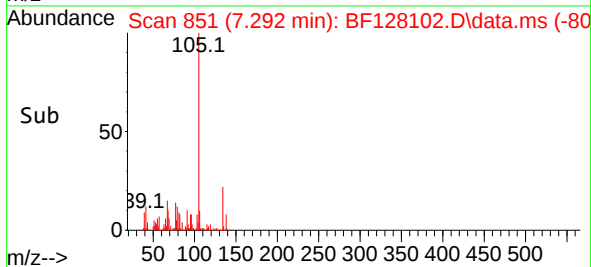
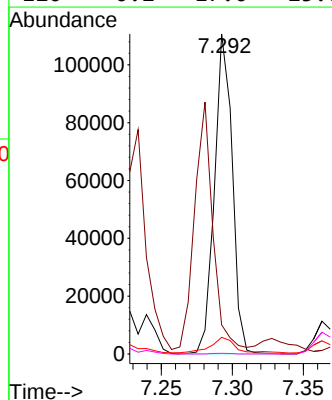
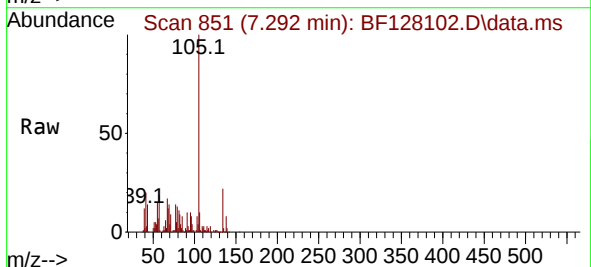
Instrument :
BNA_F
ClientSampleId :
07

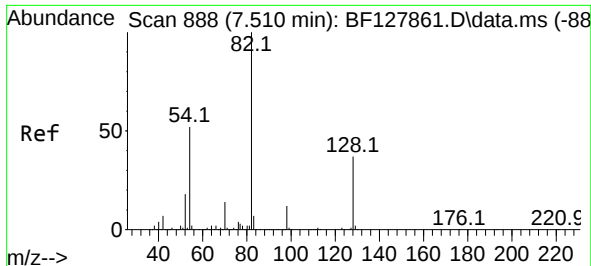
Tgt Ion:136 Resp: 375897
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.5 6.8 10.2
68 6.9 5.1 7.7



#22
Acetophenone
Concen: 10.486 ng
RT: 7.292 min Scan# 851
Delta R.T. -0.035 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Tgt Ion:105 Resp: 96074
Ion Ratio Lower Upper
105 100
71 9.1 7.3 10.9
51 5.2 23.7 35.5#
120 0.2 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 75.641 ng

RT: 7.469 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128102.D

Acq: 05 May 2022 18:54

Instrument :

BNA_F

ClientSampleId :

07

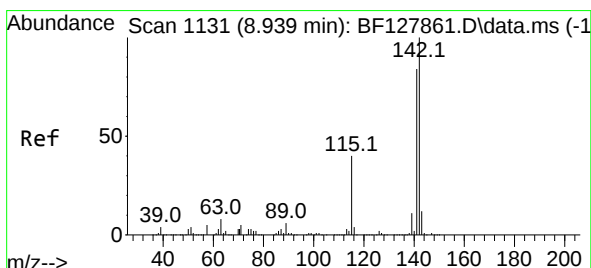
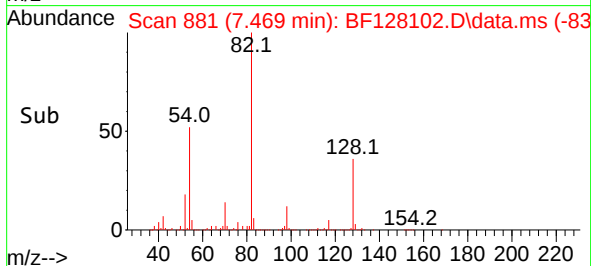
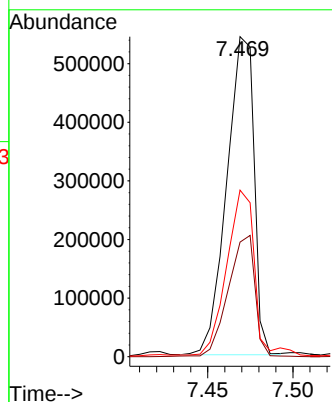
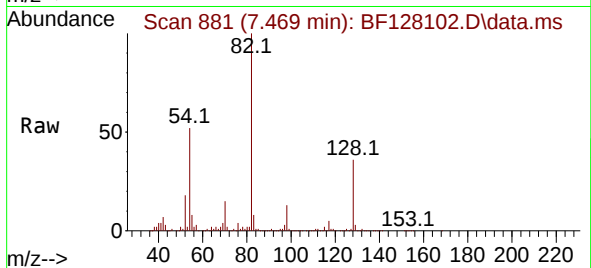
Tgt Ion: 82 Resp: 604650

Ion Ratio Lower Upper

82 100

128 35.8 30.0 45.0

54 52.0 41.3 61.9



#37

2-Methylnaphthalene

Concen: 3.142 ng

RT: 8.904 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF128102.D

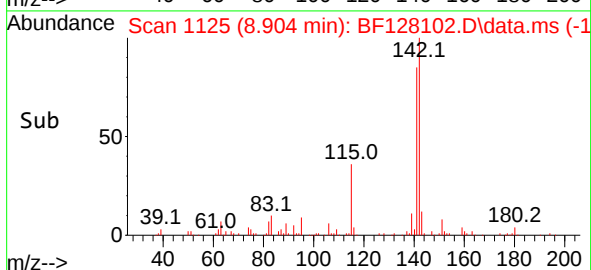
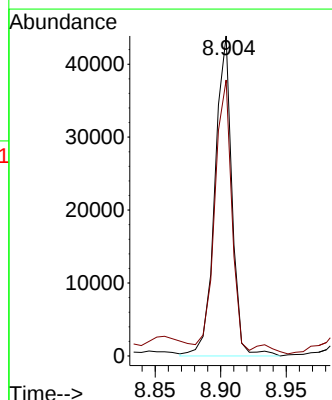
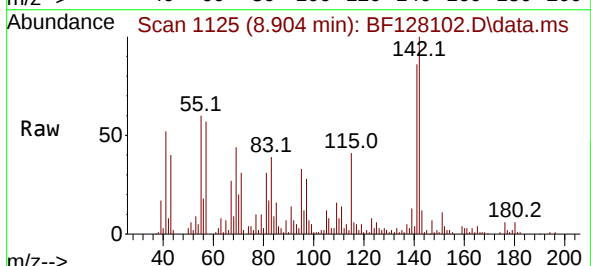
Acq: 05 May 2022 18:54

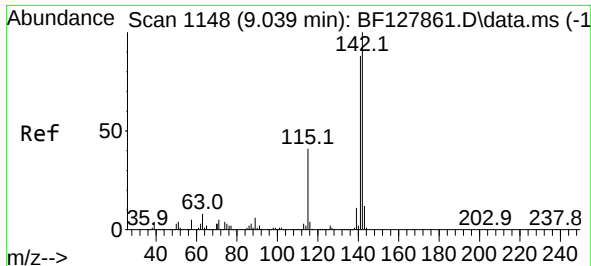
Tgt Ion: 142 Resp: 39752

Ion Ratio Lower Upper

142 100

141 86.3 67.4 101.2

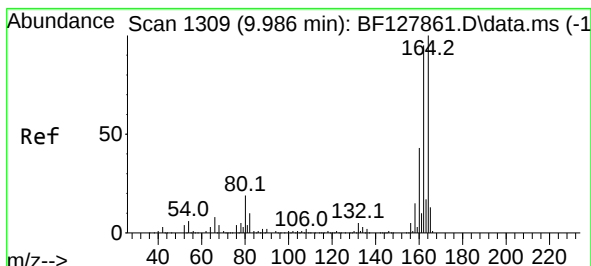
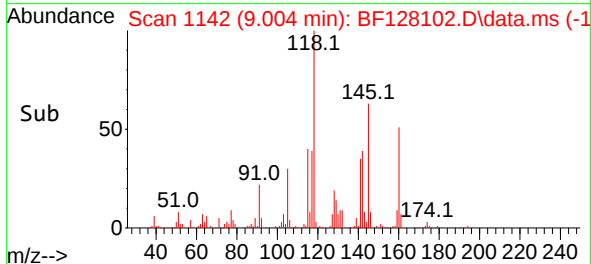
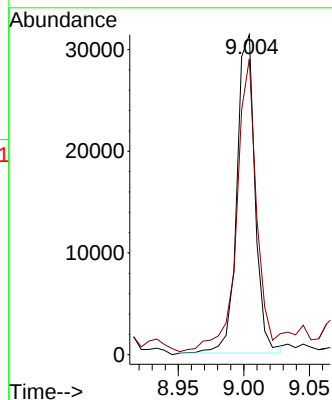
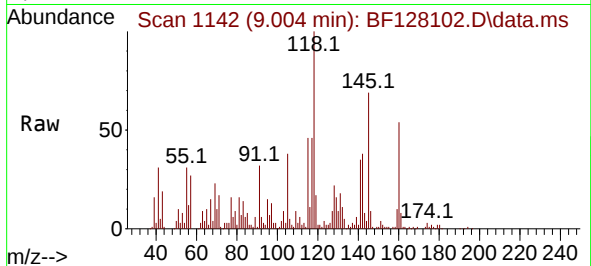




#38
1-Methylnaphthalene
Concen: 2.469 ng
RT: 9.004 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

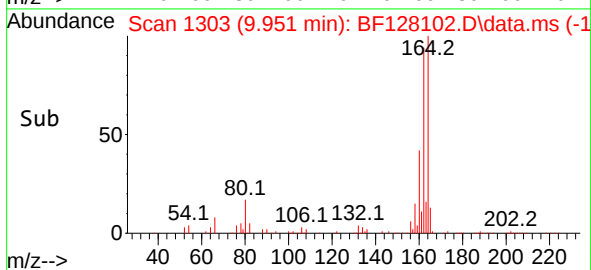
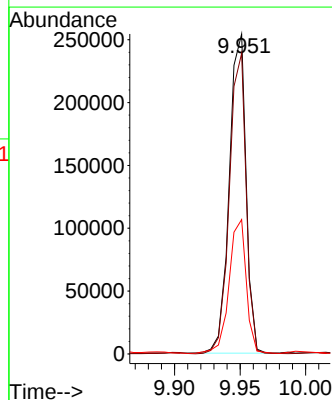
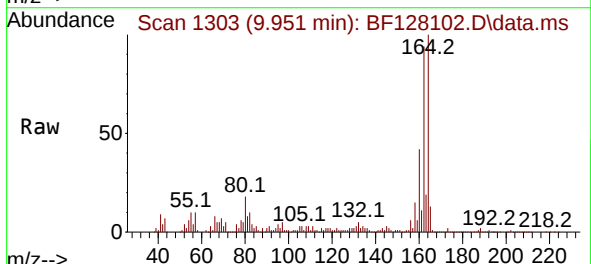
Instrument :
BNA_F
ClientSampleId :
07

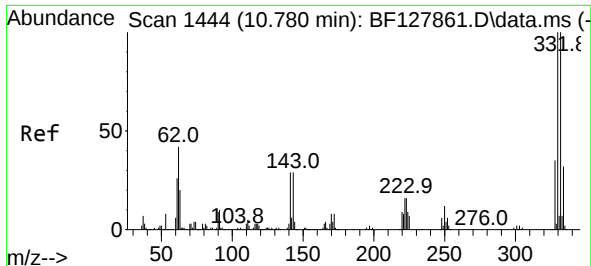
Tgt Ion:142 Resp: 30370
Ion Ratio Lower Upper
142 100
141 92.5 70.1 105.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Tgt Ion:164 Resp: 226306
Ion Ratio Lower Upper
164 100
162 94.0 76.0 114.0
160 42.0 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 112.570 ng

RT: 10.745 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF128102.D

Acq: 05 May 2022 18:54

Instrument :

BNA_F

ClientSampleId :

07

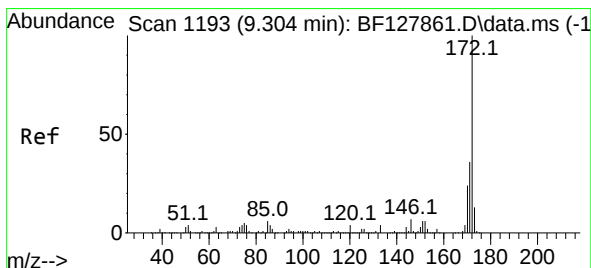
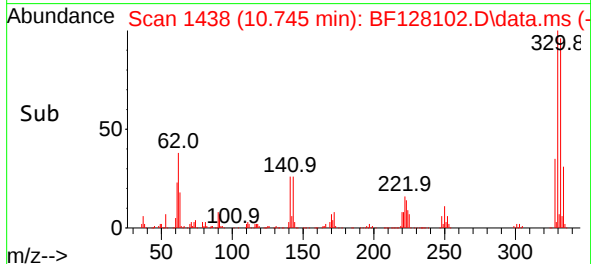
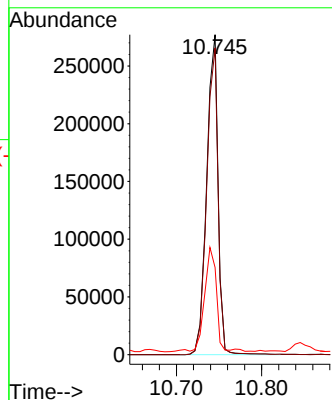
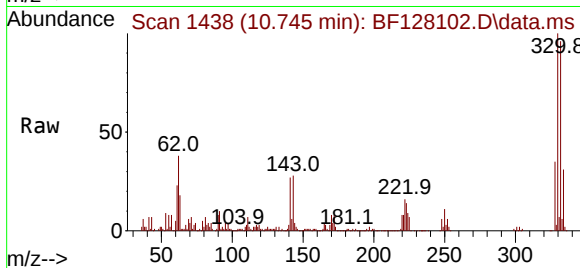
Tgt Ion:330 Resp: 256452

Ion Ratio Lower Upper

330 100

332 96.2 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 73.055 ng

RT: 9.269 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF128102.D

Acq: 05 May 2022 18:54

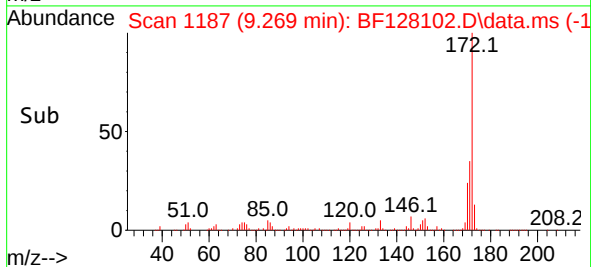
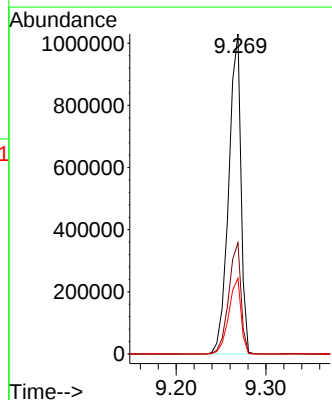
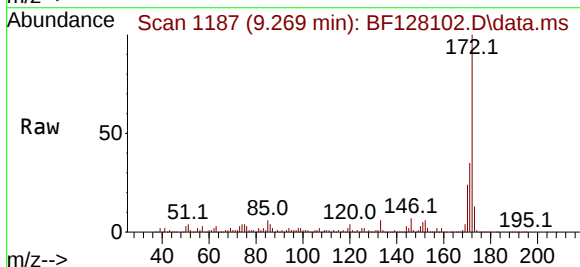
Tgt Ion:172 Resp: 977260

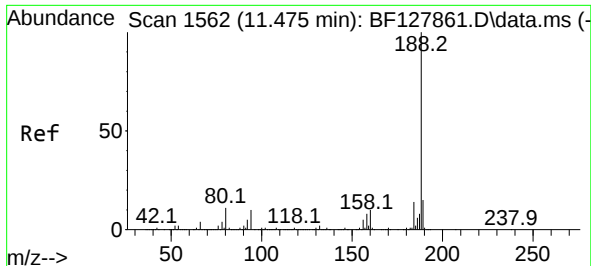
Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.6 19.1 28.7

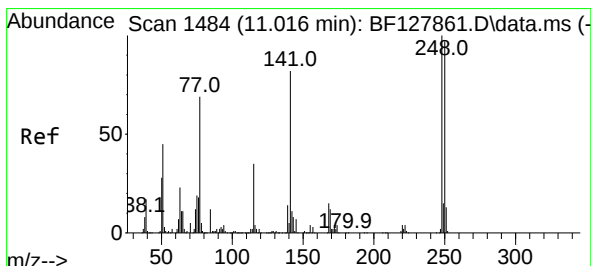
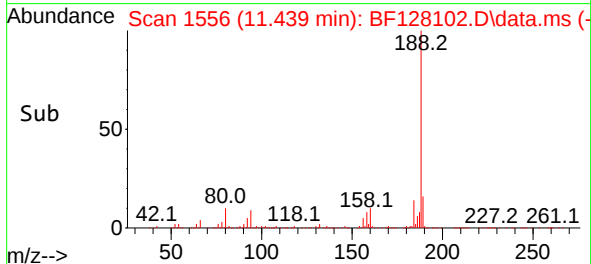
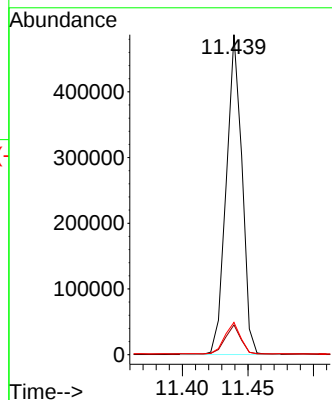
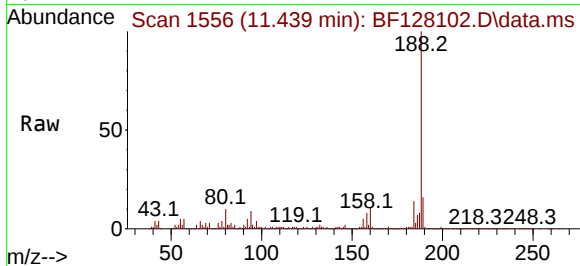




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

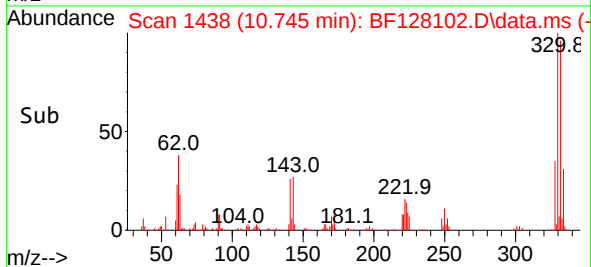
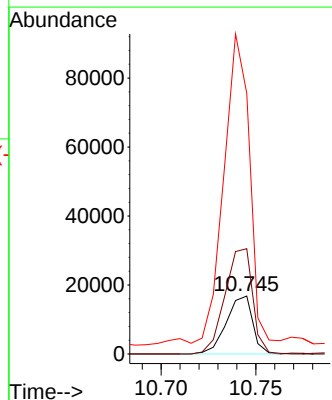
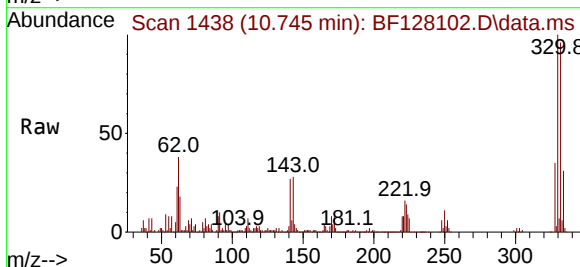
Instrument :
BNA_F
ClientSampleId :
07

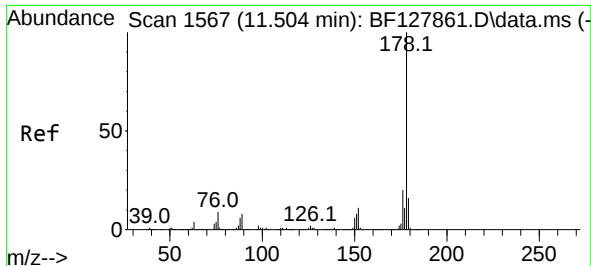
Tgt Ion:188 Resp: 404776
Ion Ratio Lower Upper
188 100
94 9.3 8.0 12.0
80 10.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.611 ng
RT: 10.745 min Scan# 1438
Delta R.T. -0.241 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Tgt Ion:248 Resp: 16203
Ion Ratio Lower Upper
248 100
250 181.7 77.7 116.5#
141 449.9 65.6 98.4#

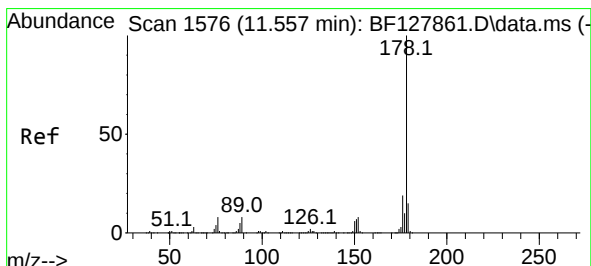
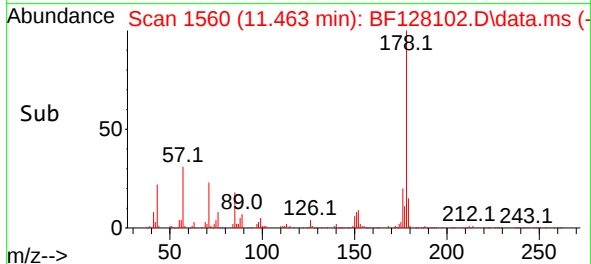
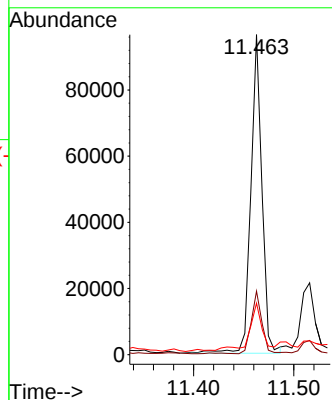
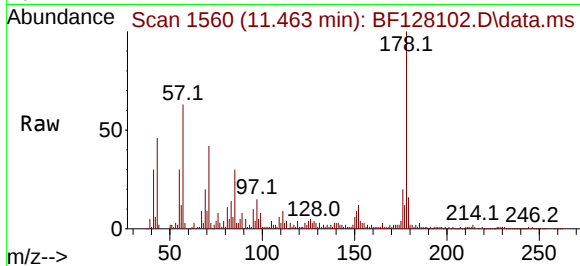




#71
Phenanthrene
Concen: 3.506 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

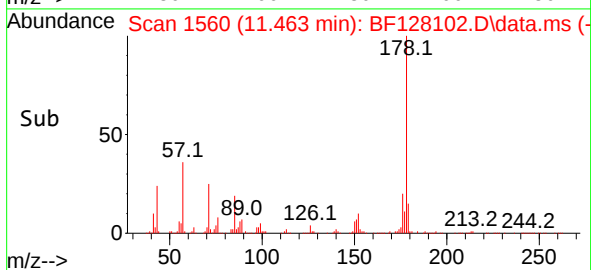
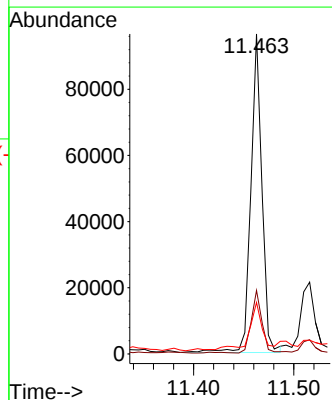
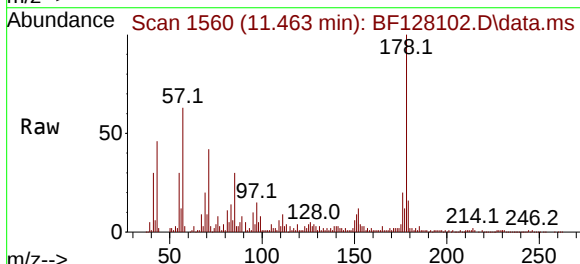
Instrument :
BNA_F
ClientSampleId :
07

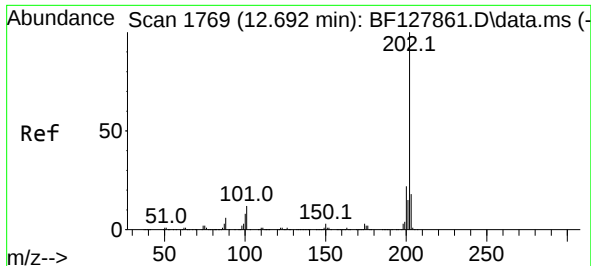
Tgt Ion:178 Resp: 74295
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 16.1 12.6 19.0



#72
Anthracene
Concen: 3.520 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.059 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Tgt Ion:178 Resp: 74295
Ion Ratio Lower Upper
178 100
176 19.9 15.0 22.6
179 16.1 12.4 18.6

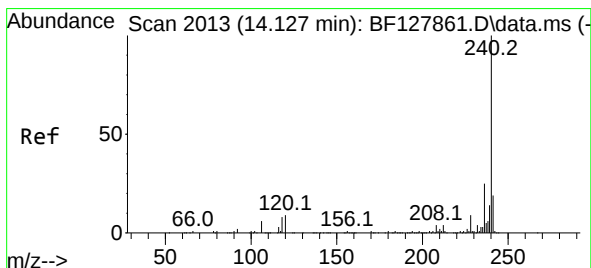
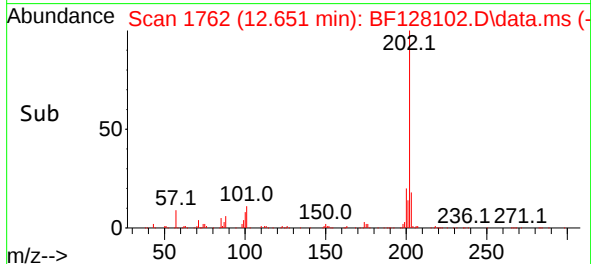
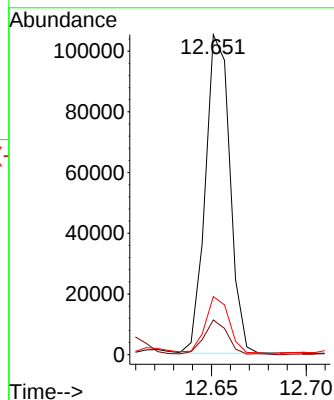
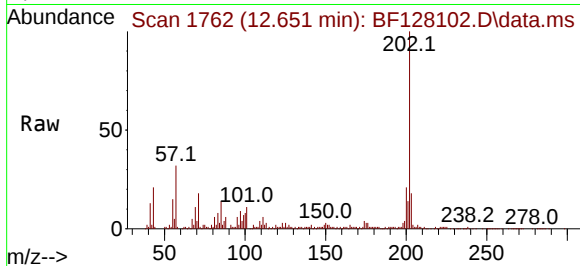




#75
Fluoranthene
Concen: 4.232 ng
RT: 12.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

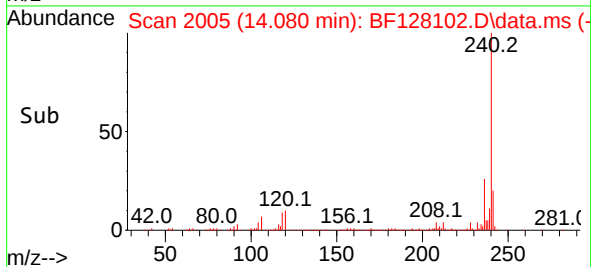
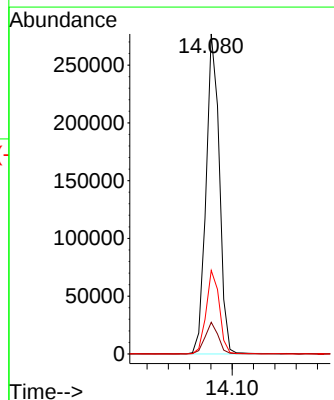
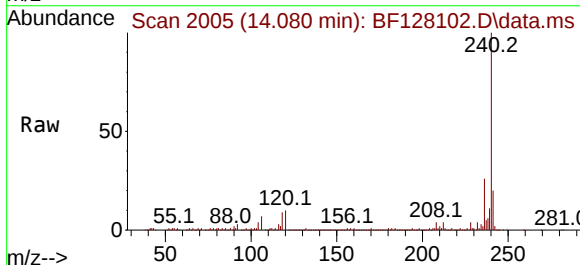
Instrument :
BNA_F
ClientSampleId :
07

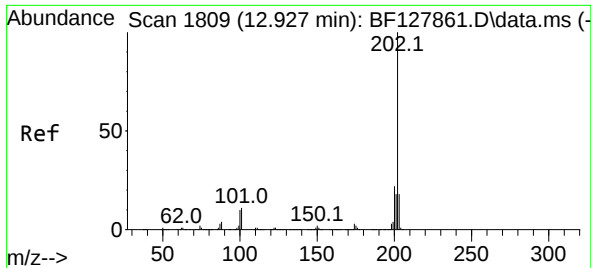
Tgt Ion:202 Resp: 94364
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.6
203 18.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Tgt Ion:240 Resp: 241385
Ion Ratio Lower Upper
240 100
120 9.9 7.0 10.6
236 26.1 20.3 30.5

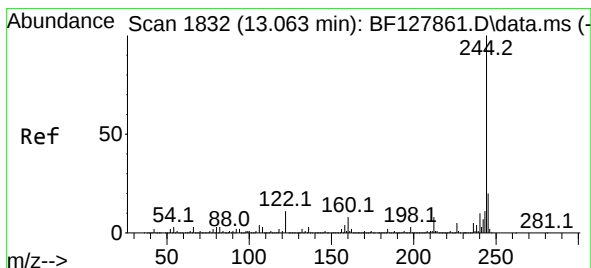
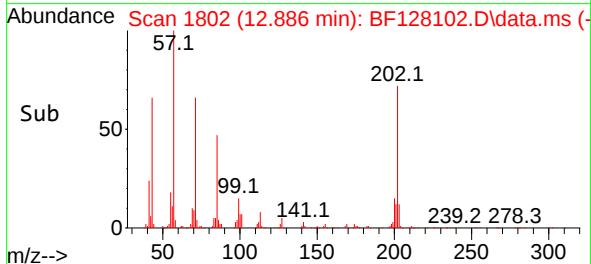
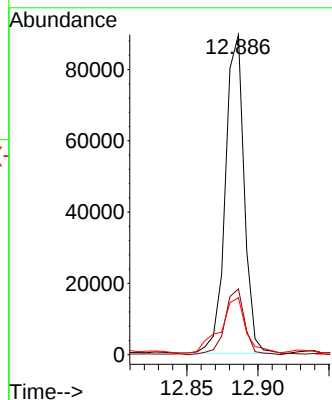
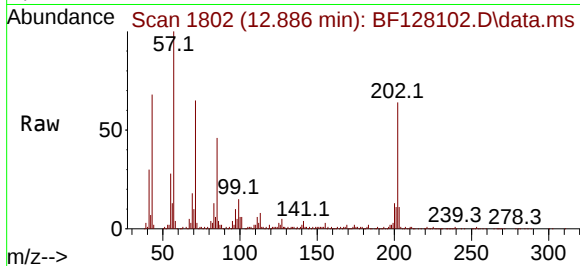




#78
Pyrene
Concen: 4.219 ng
RT: 12.886 min Scan# 1802
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

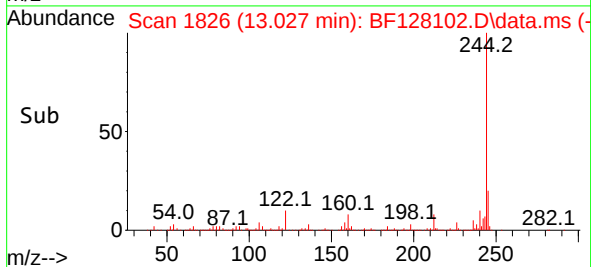
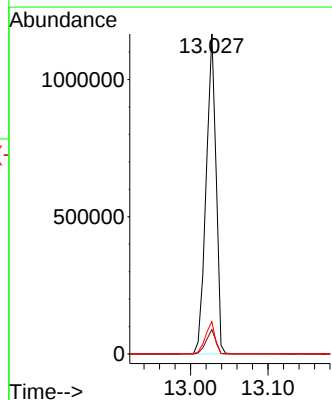
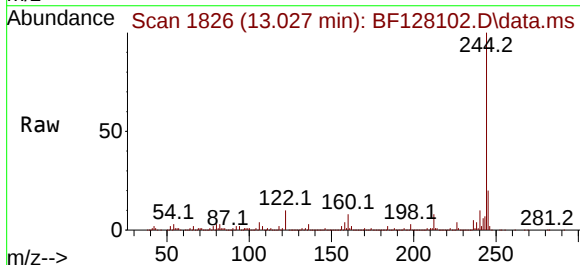
Instrument :
BNA_F
ClientSampleId :
07

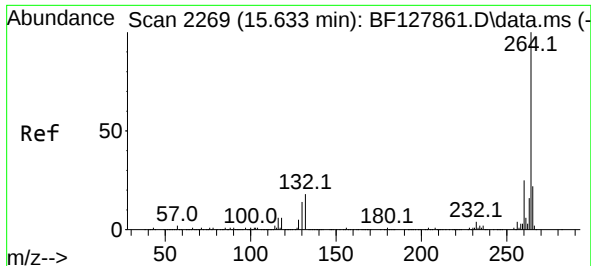
Tgt Ion:202	Resp:	82201
Ion Ratio	Lower	Upper
202	100	
200	20.5	17.4 26.2
203	17.8	14.0 21.0



#79
Terphenyl-d14
Concen: 78.247 ng
RT: 13.027 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Tgt Ion:244	Resp:	1032923
Ion Ratio	Lower	Upper
244	100	
212	7.6	6.2 9.4
122	10.1	8.6 12.8

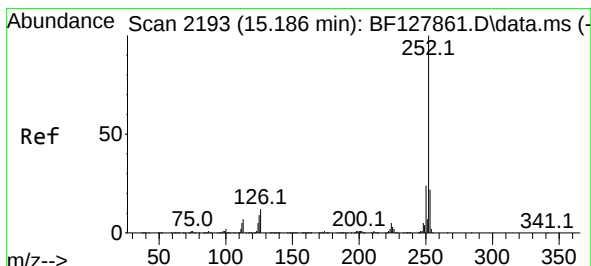
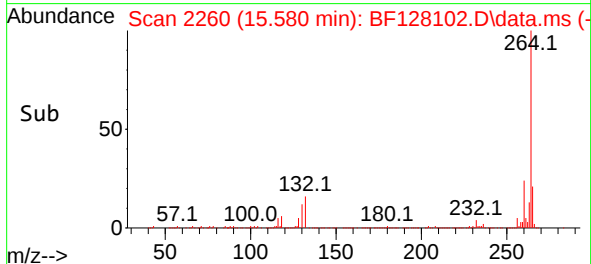
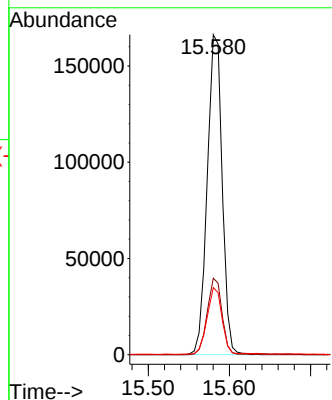
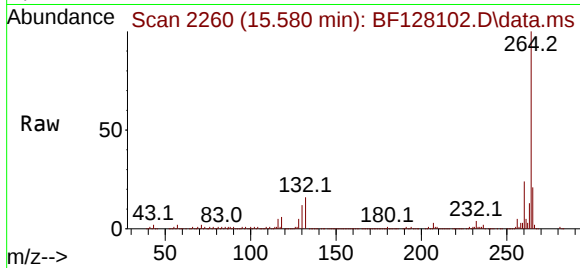




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.580 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

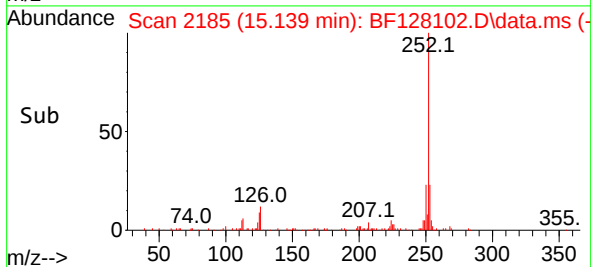
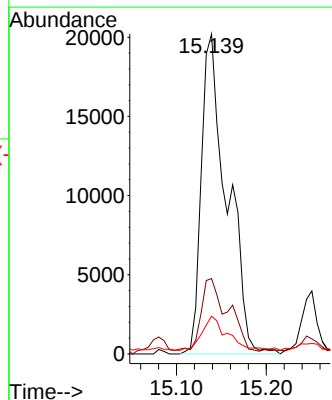
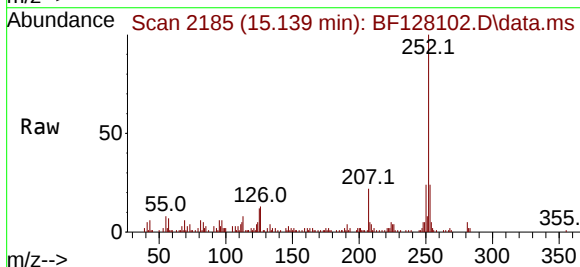
Instrument :
BNA_F
ClientSampleId :
07

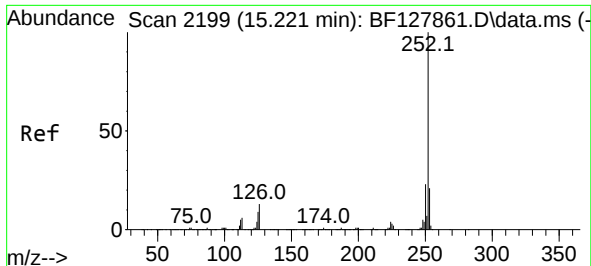
Tgt Ion:264 Resp: 212981
Ion Ratio Lower Upper
264 100
260 23.9 20.1 30.1
265 20.9 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 2.999 ng
RT: 15.139 min Scan# 2185
Delta R.T. -0.012 min
Lab File: BF128102.D
Acq: 05 May 2022 18:54

Tgt Ion:252 Resp: 40117
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 11.8 7.4 11.2#





#89

Benzo(k)fluoranthene

Concen: 2.977 ng

RT: 15.139 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF128102.D

Acq: 05 May 2022 18:54

Instrument :

BNA_F

ClientSampleId :

07

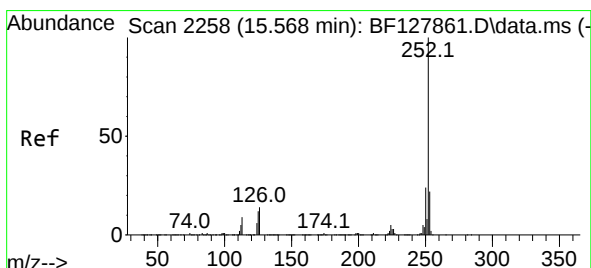
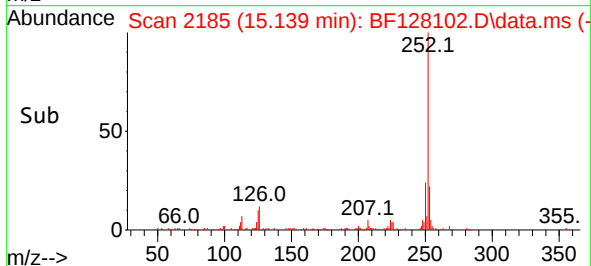
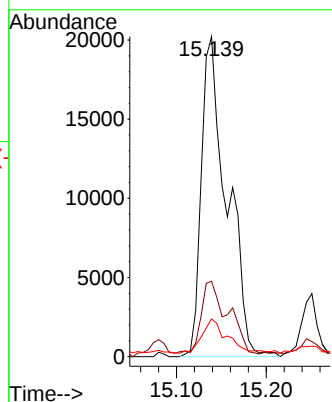
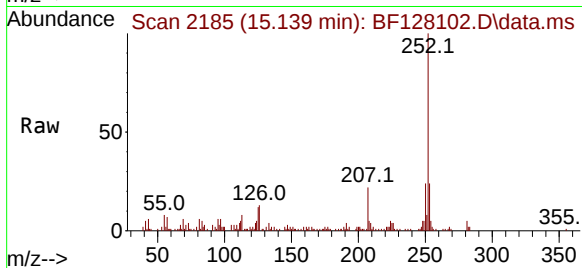
Tgt Ion:252 Resp: 40117

Ion Ratio Lower Upper

252 100

253 23.6 17.0 25.4

125 11.8 6.8 10.2#



#90

Benzo(a)pyrene

Concen: 2.057 ng

RT: 15.515 min Scan# 2249

Delta R.T. -0.018 min

Lab File: BF128102.D

Acq: 05 May 2022 18:54

Tgt Ion:252 Resp: 22825

Ion Ratio Lower Upper

252 100

253 24.9 17.8 26.6

125 11.1 9.2 13.8

