

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128027.D
 Acq On : 02 May 2022 15:46
 Operator : CG\JU
 Sample : N2607-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-02-042822

Quant Time: May 02 16:04:26 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)

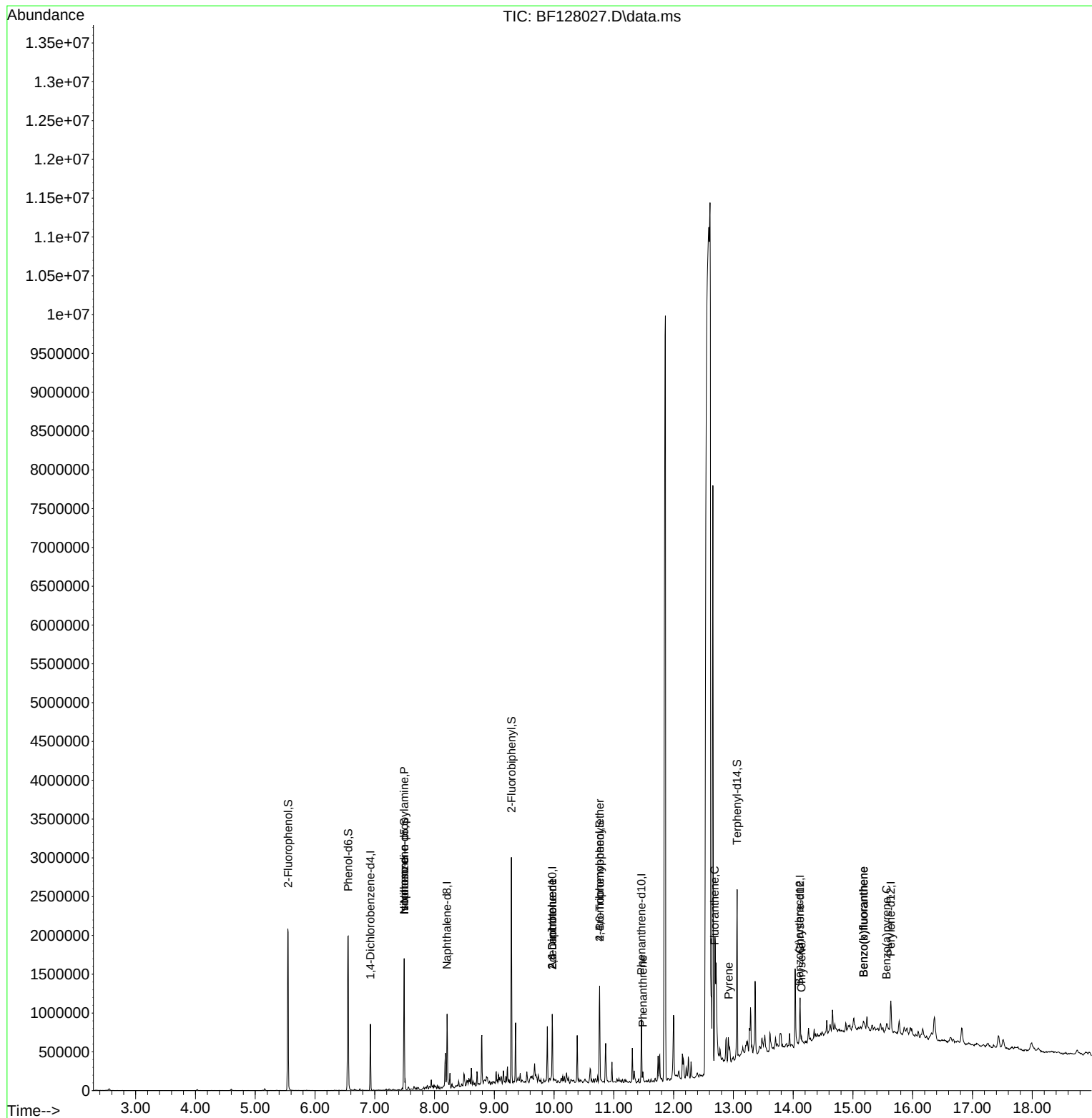
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	103502	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	359832	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	169303	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	264545	20.000	ng	0.00
76) Chrysene-d12	14.115	240	192531	20.000	ng	0.00
86) Perylene-d12	15.633	264	128041	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	557794	85.838	ng	0.00
7) Phenol-d6	6.557	99	709394	84.133	ng	0.00
23) Nitrobenzene-d5	7.492	82	505252	66.028	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	138137	81.051	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	759652	75.907	ng	0.00
79) Terphenyl-d14	13.063	244	718408	68.231	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	72392	14.025	ng	# 79
25) Isophorone	7.492	82	502881	39.047	ng	# 68
51) 2,6-Dinitrotoluene	9.969	165	23996	9.761	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	23996	7.369	ng	# 27
67) 4-Bromophenyl-phenylether	10.763	248	8715	2.972	ng	# 1
71) Phenanthrene	11.486	178	36463	2.633	ng	98
75) Fluoranthene	12.686	202	65789	4.514	ng	100
78) Pyrene	12.921	202	74666	4.804	ng	96
81) Benzo(a)anthracene	14.104	228	33289	2.594	ng	# 81
83) Chrysene	14.139	228	33428	2.728	ng	# 88
88) Benzo(b)fluoranthene	15.180	252	42415	5.274	ng	# 50
89) Benzo(k)fluoranthene	15.180	252	42415	5.235	ng	# 47
90) Benzo(a)pyrene	15.562	252	20705	3.104	ng	# 65

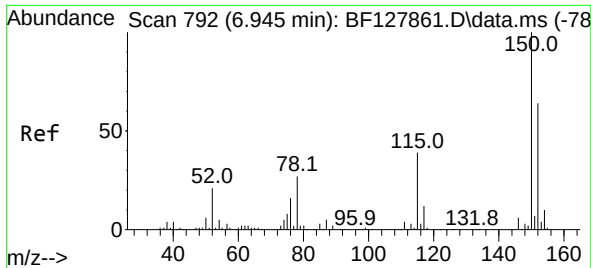
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
Data File : BF128027.D
Acq On : 02 May 2022 15:46
Operator : CG\JU
Sample : N2607-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Quant Time: May 02 16:04:26 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

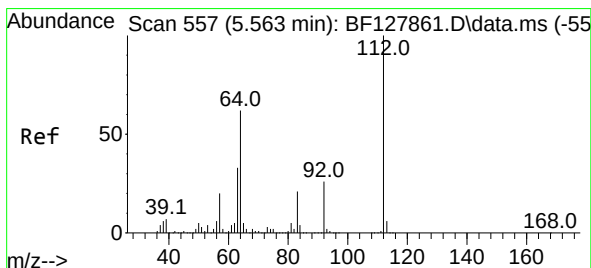
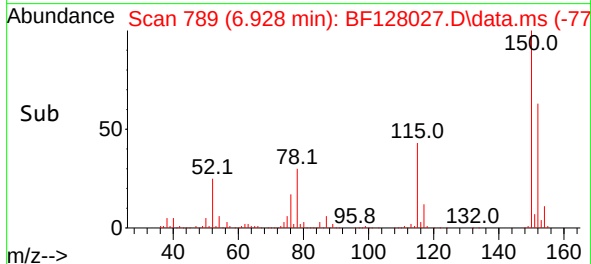
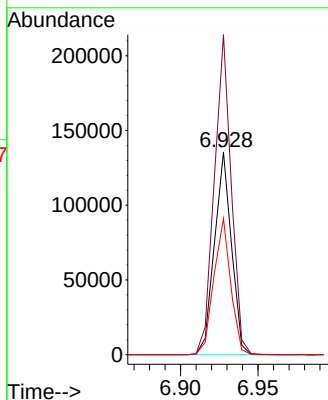
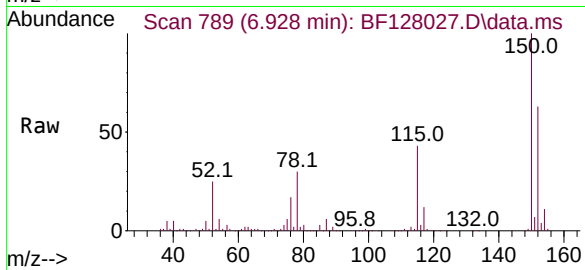




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128027.D
 Acq: 02 May 2022 15:46

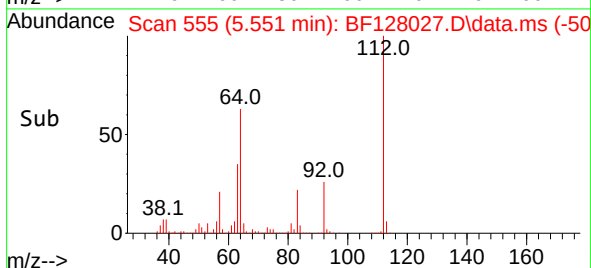
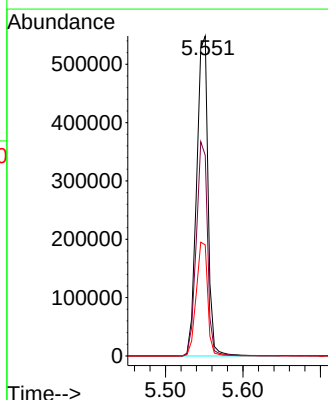
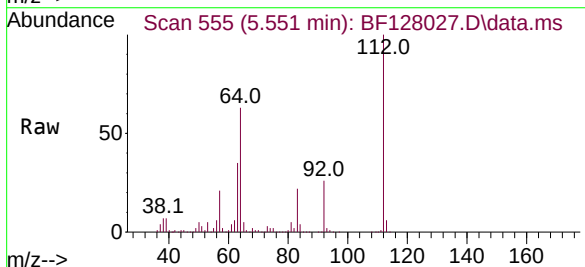
Instrument :
 BNA_F
 ClientSampleId :
 HR-02-042822

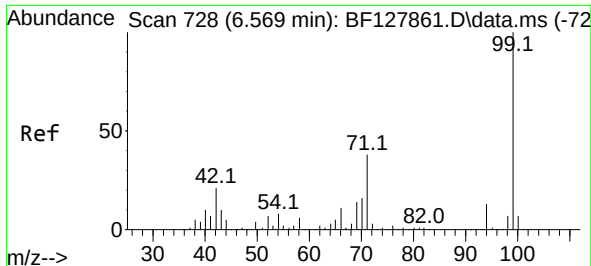
Tgt Ion:152 Resp: 103502
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.3 187.9
 115 67.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 85.838 ng
 RT: 5.551 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF128027.D
 Acq: 02 May 2022 15:46

Tgt Ion:112 Resp: 557794
 Ion Ratio Lower Upper
 112 100
 64 62.7 49.5 74.3
 63 34.7 26.3 39.5

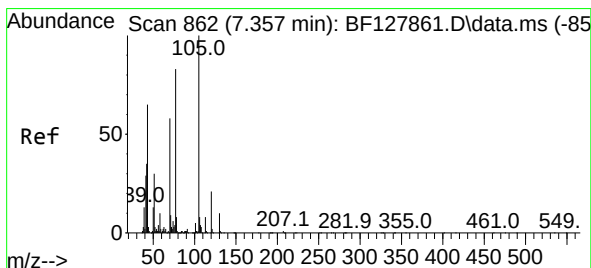
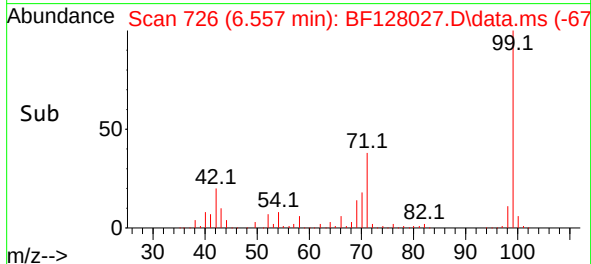
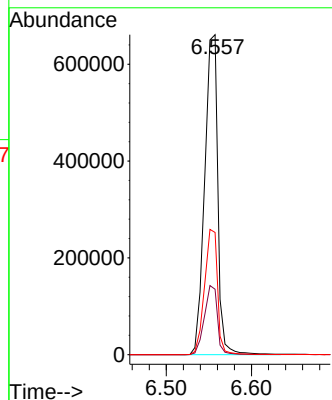
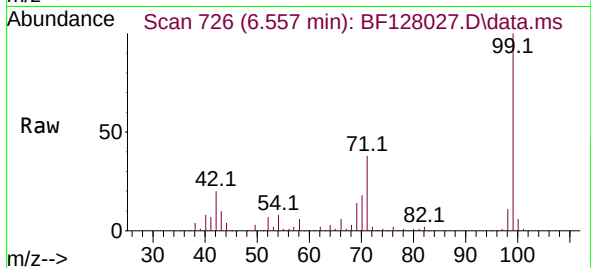




#7
Phenol-d6
Concen: 84.133 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

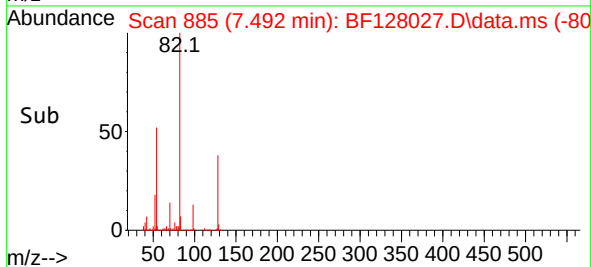
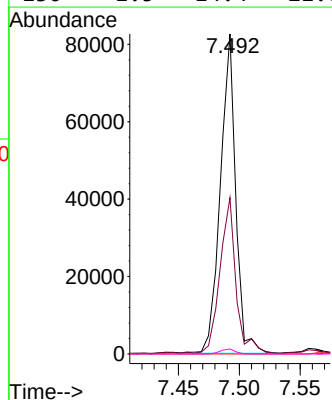
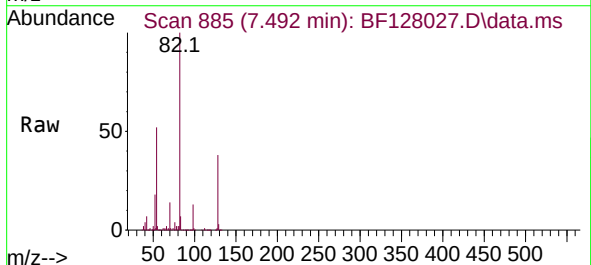
Instrument :
BNA_F
ClientSampleId :
HR-02-042822

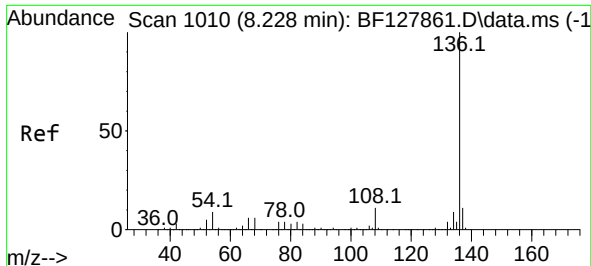
Tgt Ion: 99 Resp: 709394
Ion Ratio Lower Upper
99 100
42 20.5 16.6 24.8
71 38.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.025 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Tgt Ion: 70 Resp: 72392
Ion Ratio Lower Upper
70 100
42 48.8 48.7 73.1
101 0.0 7.2 10.8#
130 1.5 14.4 21.6#



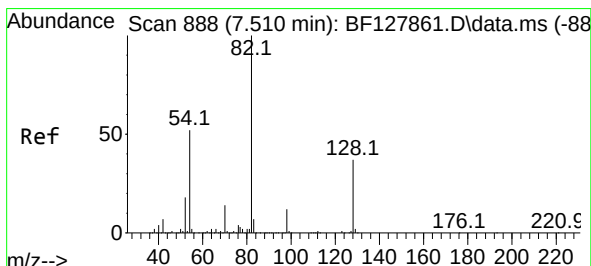
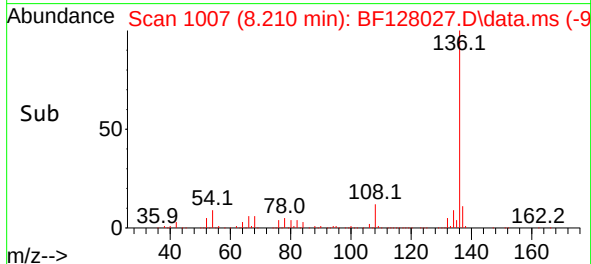
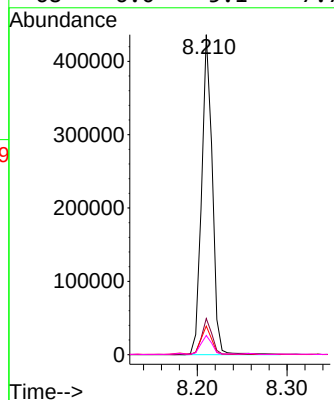
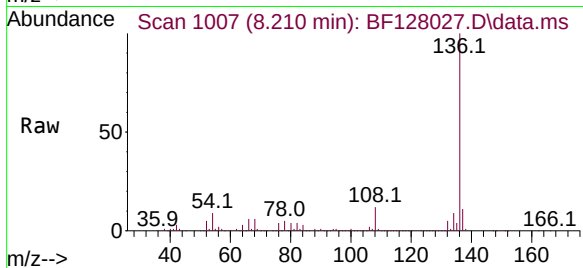


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Instrument :
BNA_F
ClientSampleId :
HR-02-042822

Tgt Ion:136 Resp: 359832

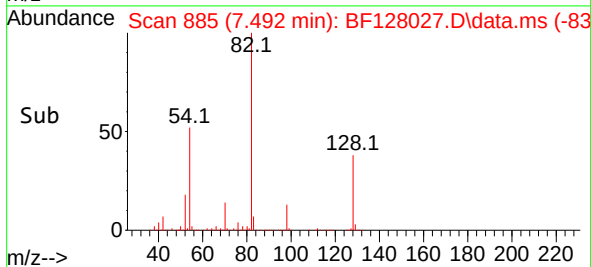
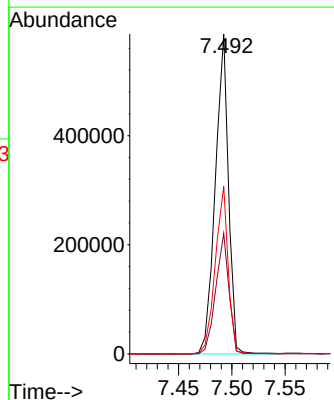
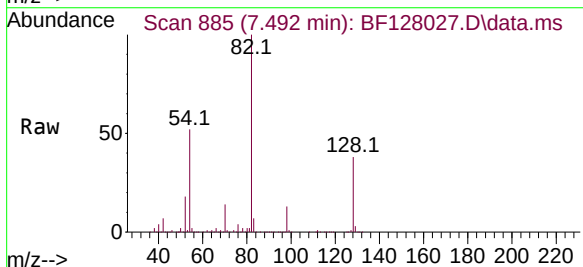
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	8.9	6.8	10.2
68	6.0	5.1	7.7

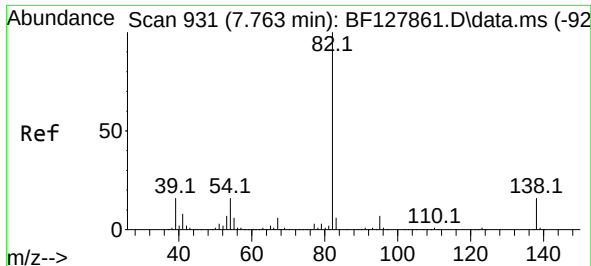


#23
Nitrobenzene-d5
Concen: 66.028 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Tgt Ion: 82 Resp: 505252

Ion	Ratio	Lower	Upper
82	100		
128	37.7	30.0	45.0
54	52.4	41.3	61.9

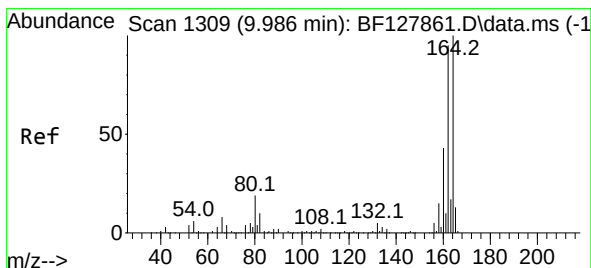
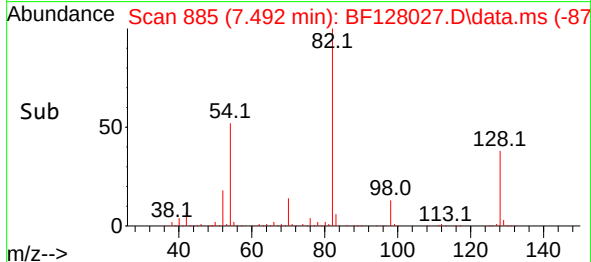
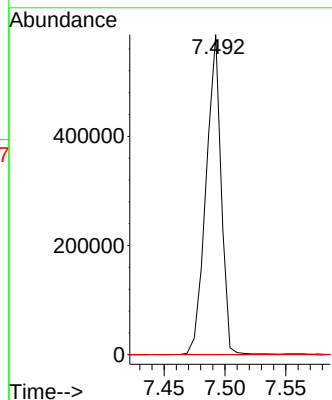
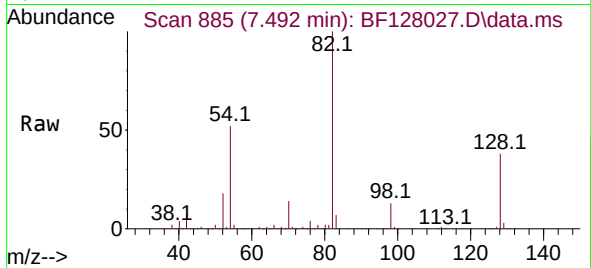




#25
Isophorone
Concen: 39.047 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

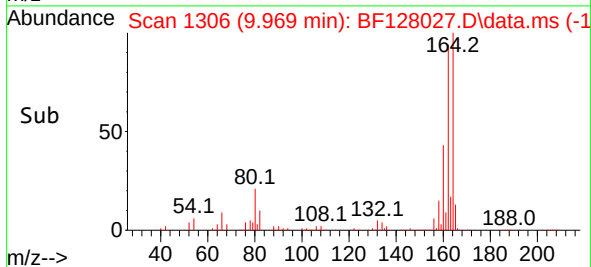
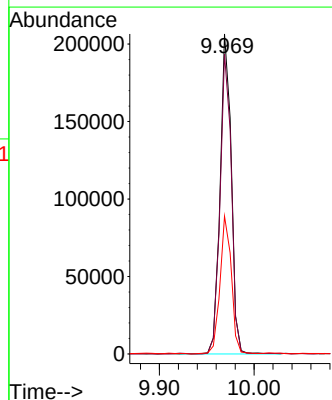
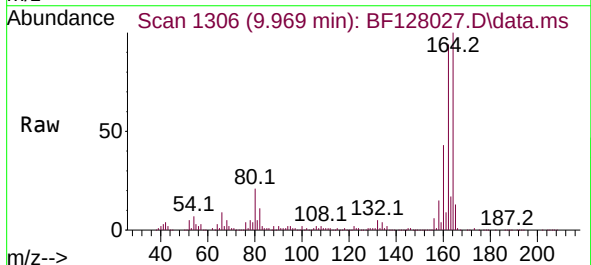
Instrument :
BNA_F
ClientSampleId :
HR-02-042822

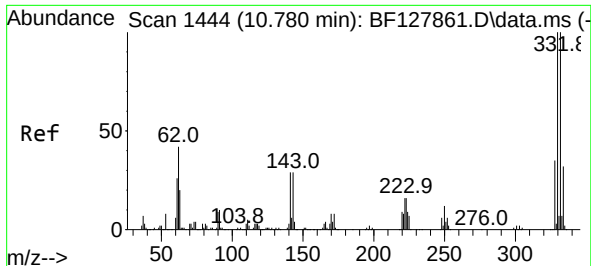
Tgt Ion: 82 Resp: 502881
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Tgt Ion:164 Resp: 169303
Ion Ratio Lower Upper
164 100
162 93.7 76.0 114.0
160 43.0 34.8 52.2

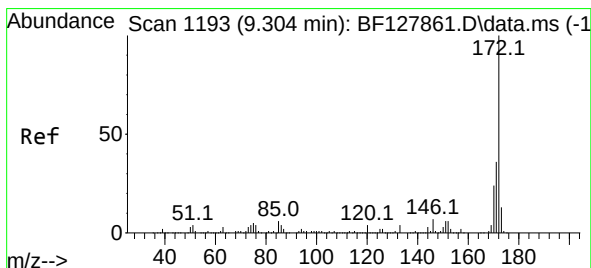
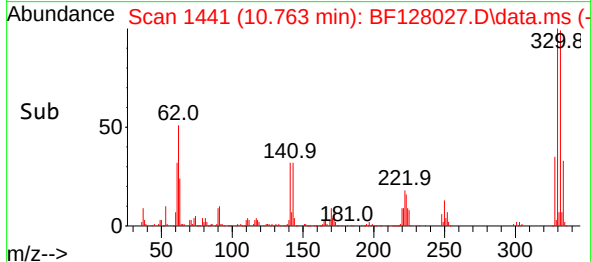
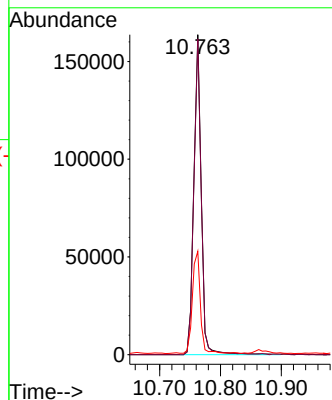
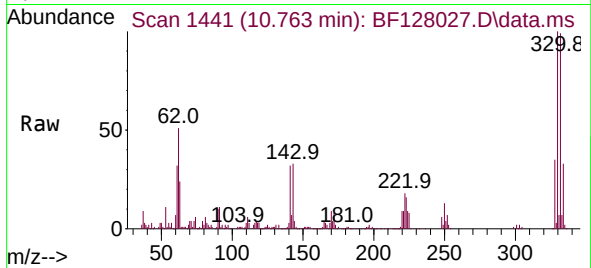




#42
2,4,6-Tribromophenol
Concen: 81.051 ng
RT: 10.763 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

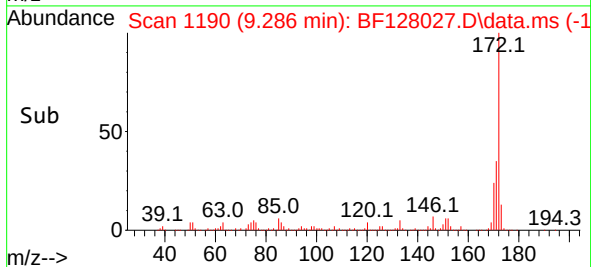
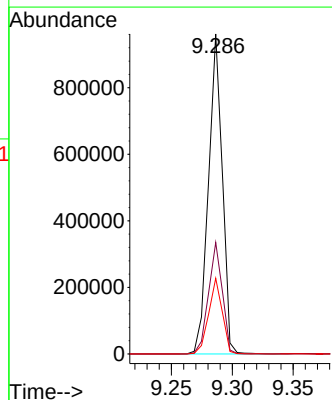
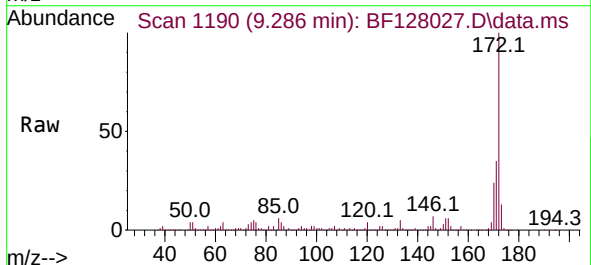
Instrument :
BNA_F
ClientSampleId :
HR-02-042822

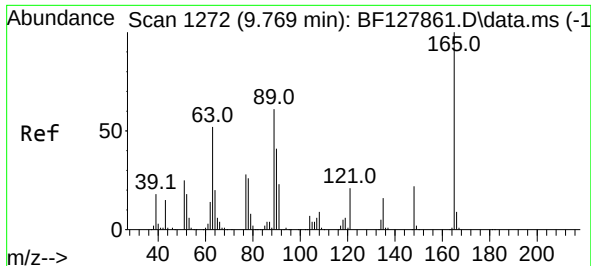
Tgt Ion:330 Resp: 138137
Ion Ratio Lower Upper
330 100
332 98.0 79.0 118.4
141 34.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 75.907 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Tgt Ion:172 Resp: 759652
Ion Ratio Lower Upper
172 100
171 34.8 28.6 42.8
170 23.6 19.1 28.7

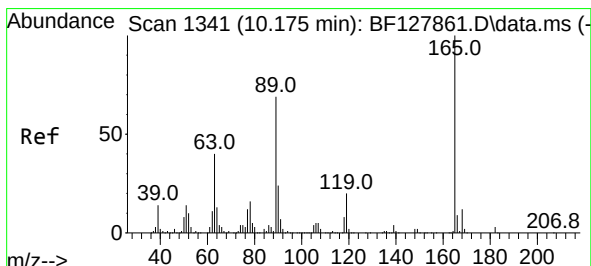
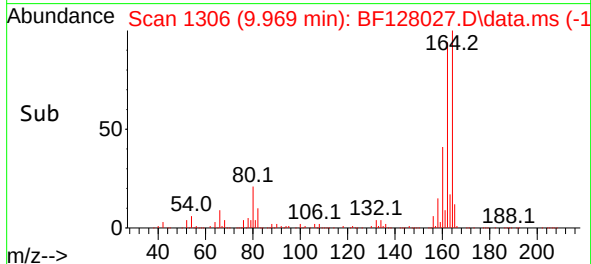
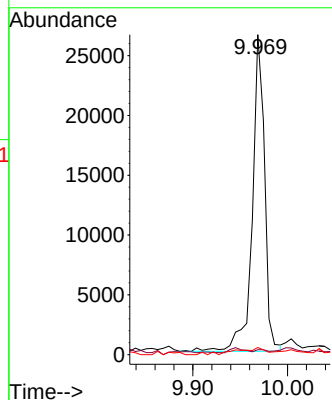
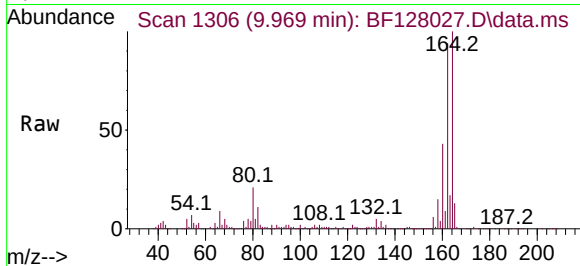




#51
2,6-Dinitrotoluene
Concen: 9.761 ng
RT: 9.969 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

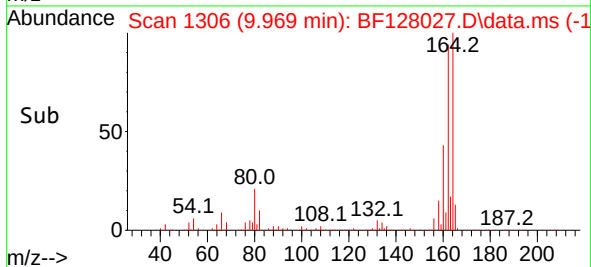
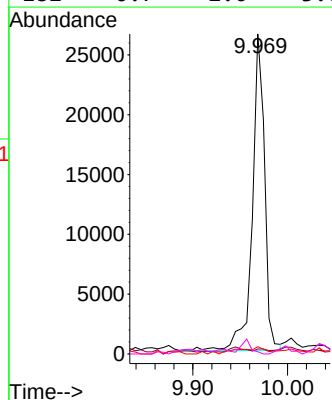
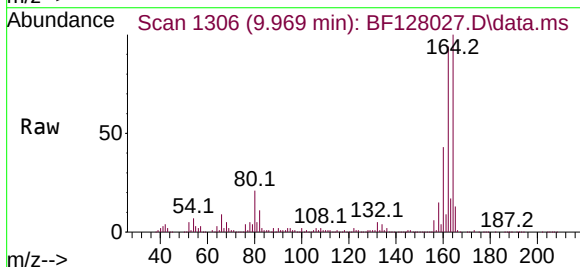
Instrument :
BNA_F
ClientSampleId :
HR-02-042822

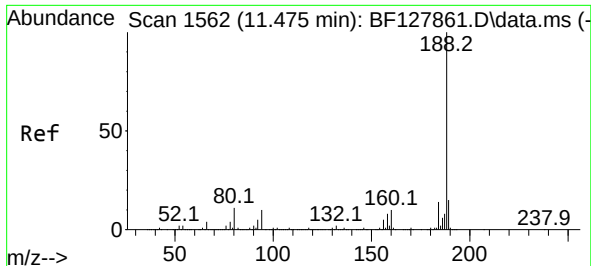
Tgt Ion:165 Resp: 23996
Ion Ratio Lower Upper
165 100
63 1.6 49.5 74.3#
89 2.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 7.369 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Tgt Ion:165 Resp: 23996
Ion Ratio Lower Upper
165 100
63 1.6 32.6 49.0#
89 2.2 55.2 82.8#
182 0.7 2.0 3.0#

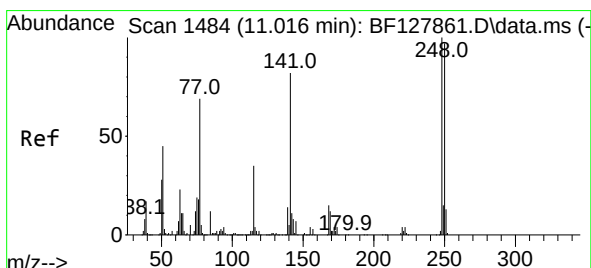
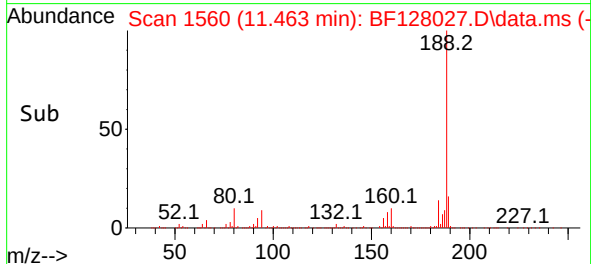
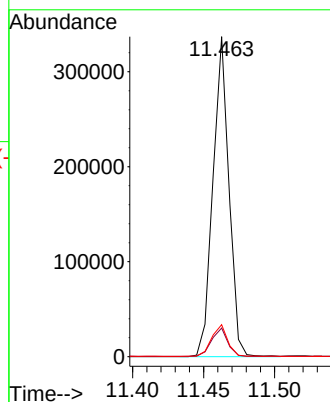
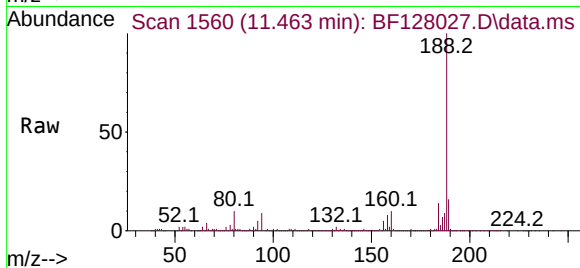




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

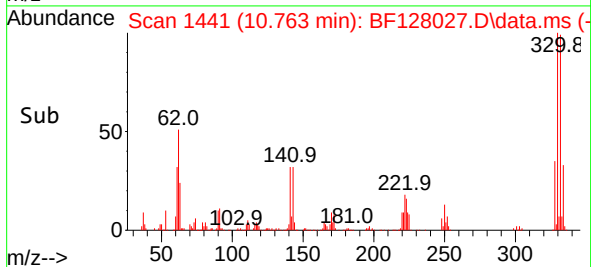
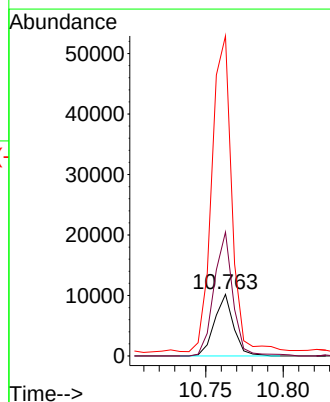
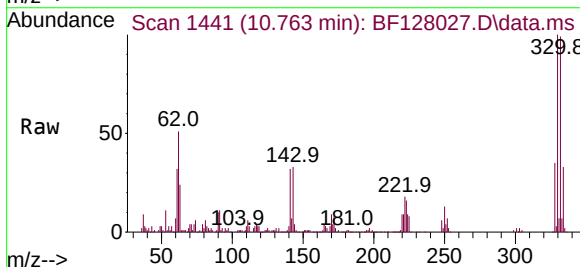
Instrument :
BNA_F
ClientSampleId :
HR-02-042822

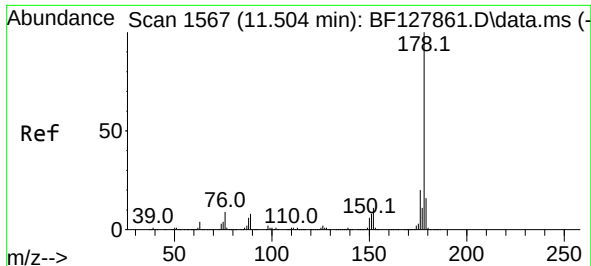
Tgt Ion:188 Resp: 264545
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.972 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Tgt Ion:248 Resp: 8715
Ion Ratio Lower Upper
248 100
250 200.7 77.7 116.5#
141 518.9 65.6 98.4#

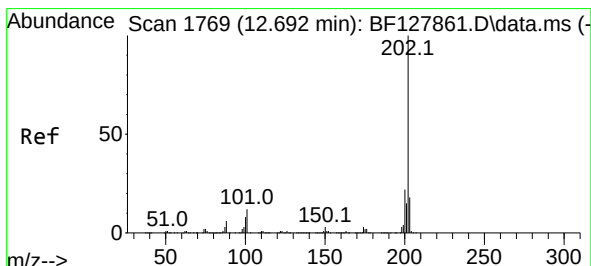
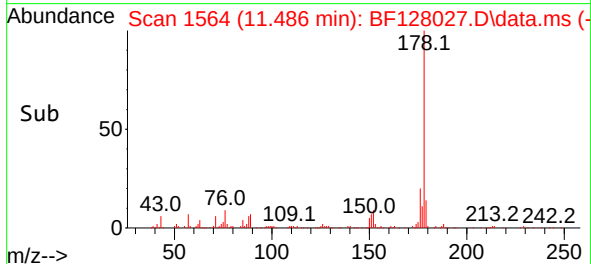
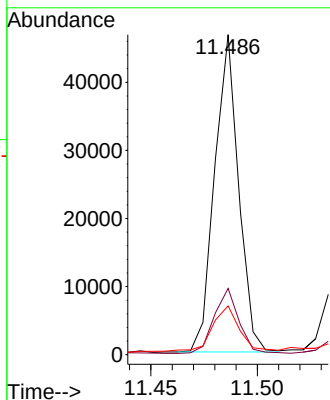
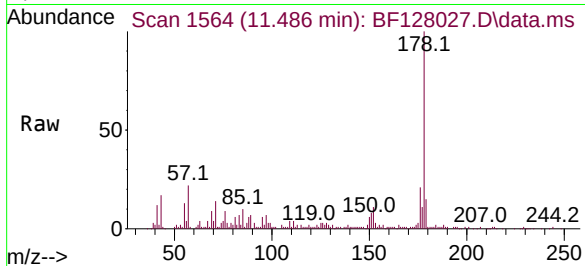




#71
Phenanthrene
Concen: 2.633 ng
RT: 11.486 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

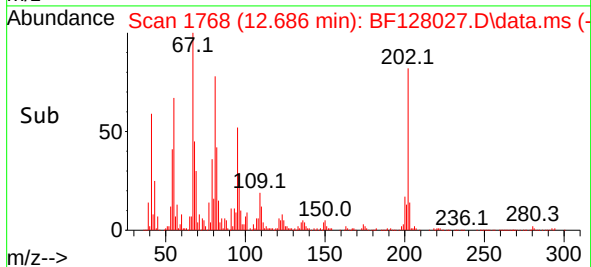
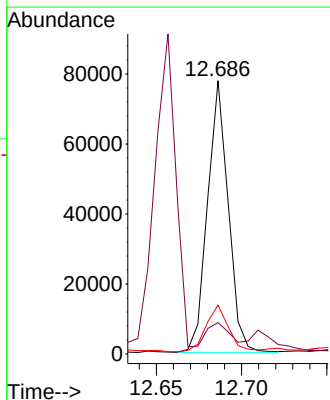
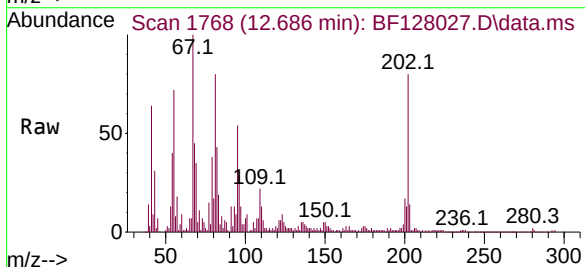
Instrument :
BNA_F
ClientSampleId :
HR-02-042822

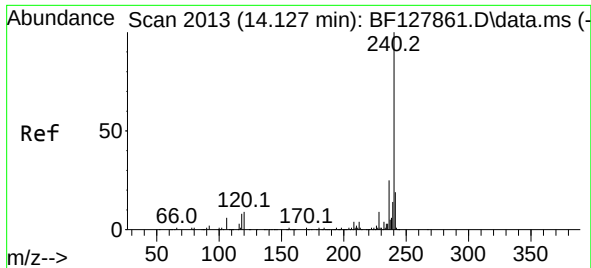
Tgt Ion:178 Resp: 36463
Ion Ratio Lower Upper
178 100
176 20.7 15.7 23.5
179 15.3 12.6 19.0



#75
Fluoranthene
Concen: 4.514 ng
RT: 12.686 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Tgt Ion:202 Resp: 65789
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.6
203 17.8 0.0 38.1

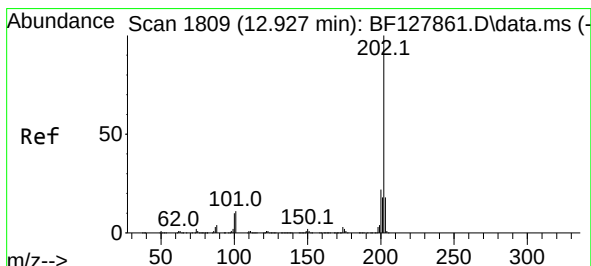
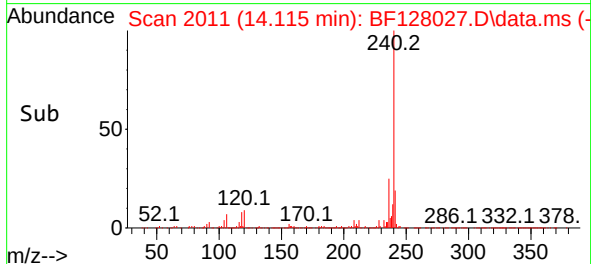
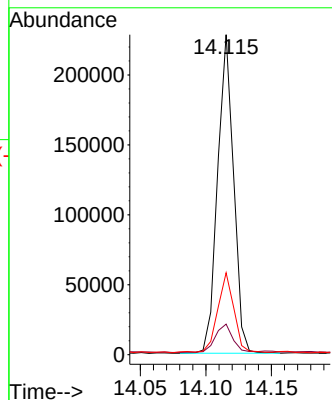
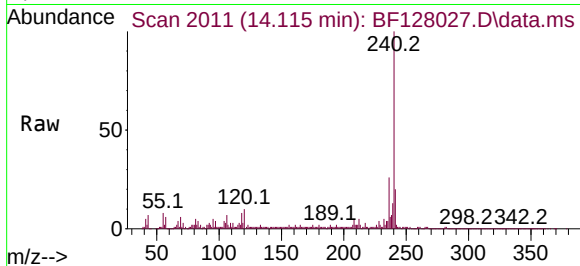




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

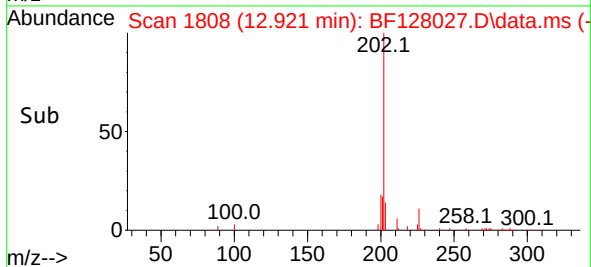
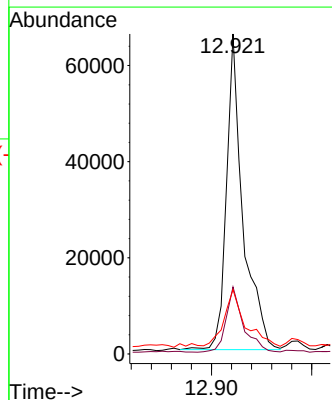
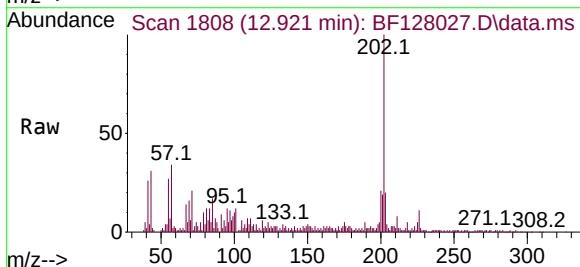
Instrument :
BNA_F
ClientSampleId :
HR-02-042822

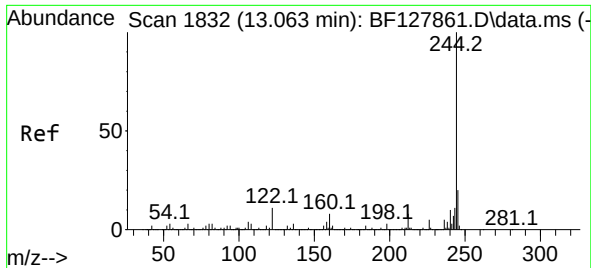
Tgt Ion:240 Resp: 192531
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 25.6 20.3 30.5



#78
Pyrene
Concen: 4.804 ng
RT: 12.921 min Scan# 1808
Delta R.T. 0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Tgt Ion:202 Resp: 74666
Ion Ratio Lower Upper
202 100
200 20.9 17.4 26.2
203 20.1 14.0 21.0

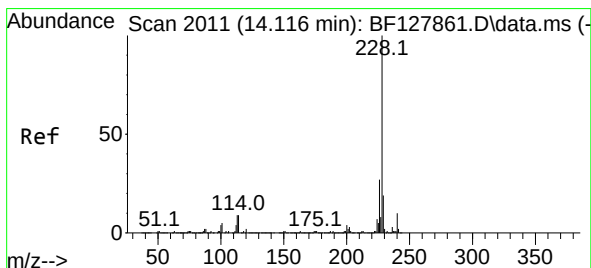
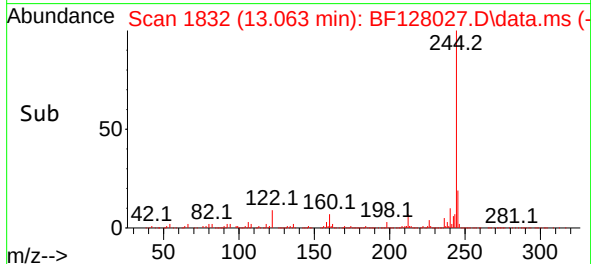
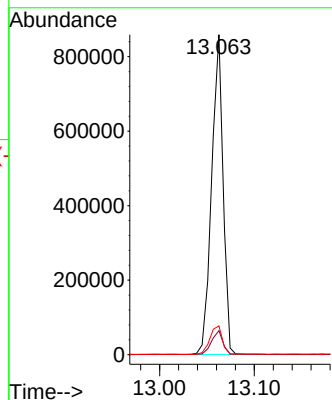
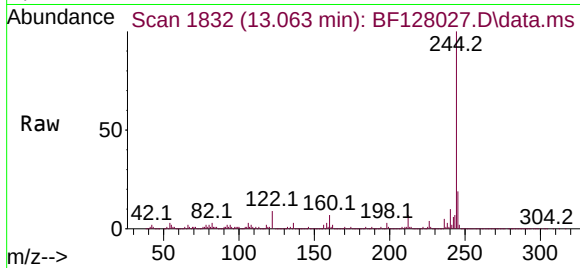




#79
 Terphenyl-d14
 Concen: 68.231 ng
 RT: 13.063 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF128027.D
 Acq: 02 May 2022 15:46

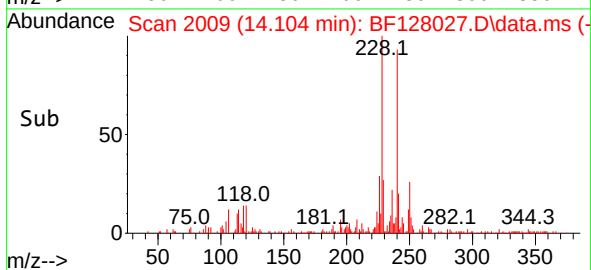
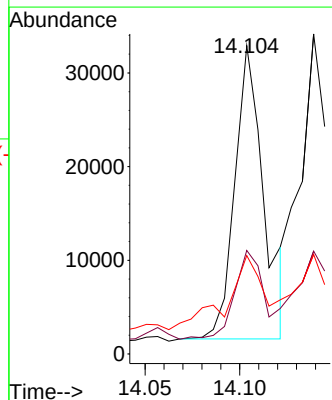
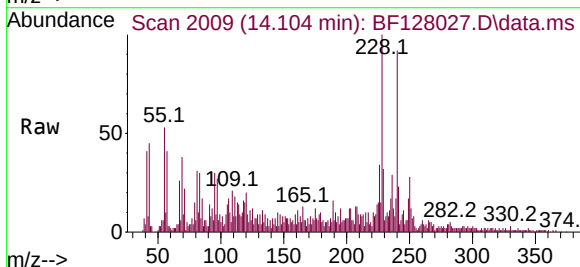
Instrument :
 BNA_F
 ClientSampleId :
 HR-02-042822

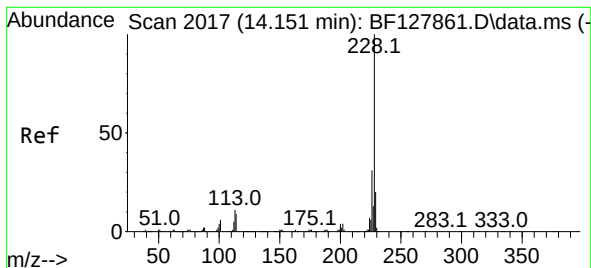
Tgt Ion:244 Resp: 718408
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.0 8.6 12.8



#81
 Benzo(a)anthracene
 Concen: 2.594 ng
 RT: 14.104 min Scan# 2009
 Delta R.T. -0.000 min
 Lab File: BF128027.D
 Acq: 02 May 2022 15:46

Tgt Ion:228 Resp: 33289
 Ion Ratio Lower Upper
 228 100
 226 33.6 21.7 32.5#
 229 31.9 15.4 23.2#





#83

Chrysene

Concen: 2.728 ng

RT: 14.139 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF128027.D

Acq: 02 May 2022 15:46

Instrument :

BNA_F

ClientSampleId :

HR-02-042822

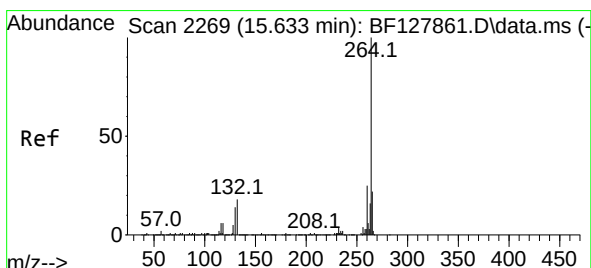
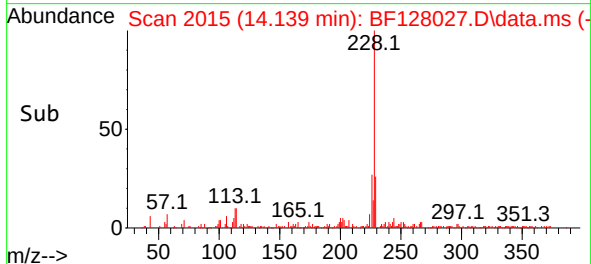
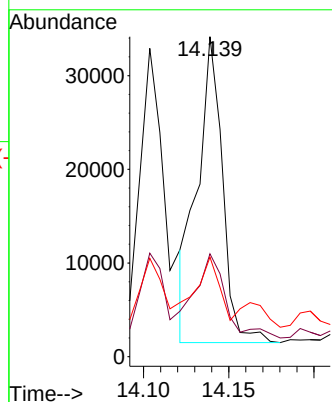
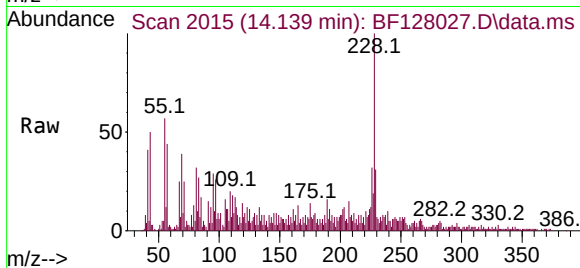
Tgt Ion:228 Resp: 33428

Ion Ratio Lower Upper

228 100

226 32.2 24.4 36.6

229 31.1 15.8 23.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.633 min Scan# 2269

Delta R.T. 0.012 min

Lab File: BF128027.D

Acq: 02 May 2022 15:46

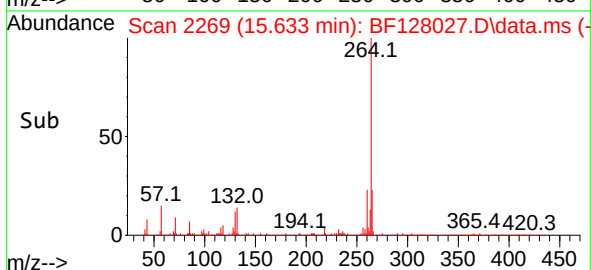
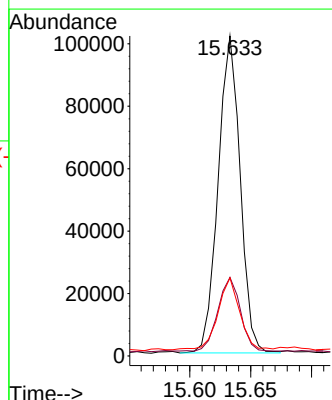
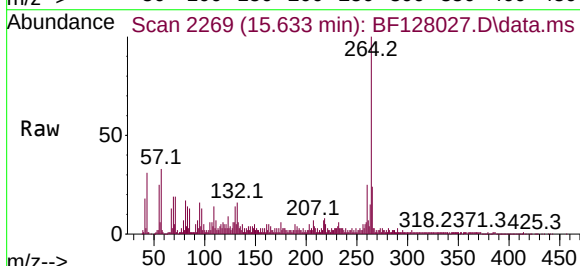
Tgt Ion:264 Resp: 128041

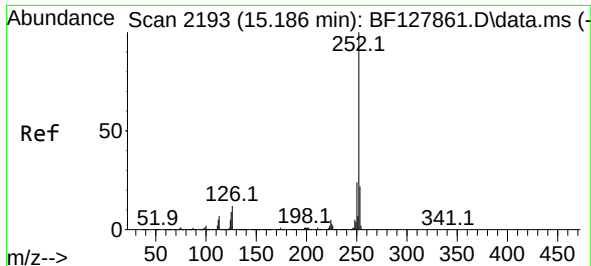
Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

265 24.4 17.5 26.3

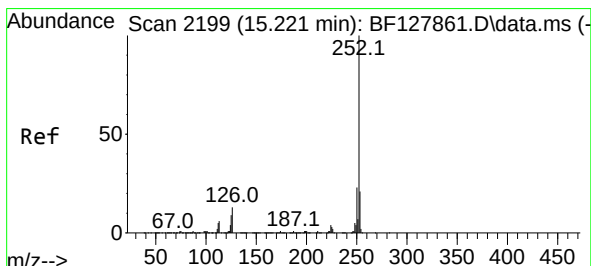
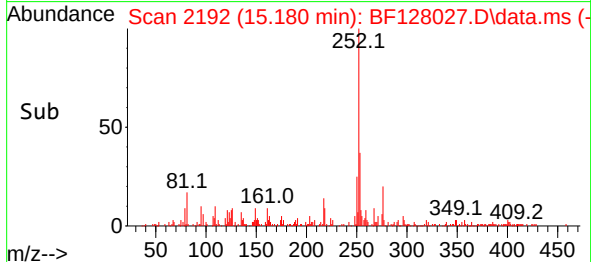
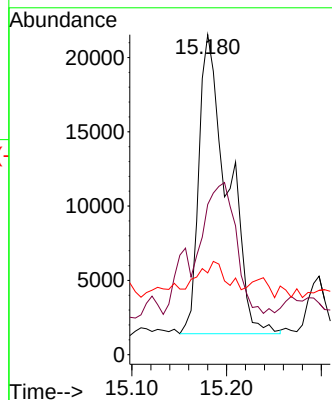
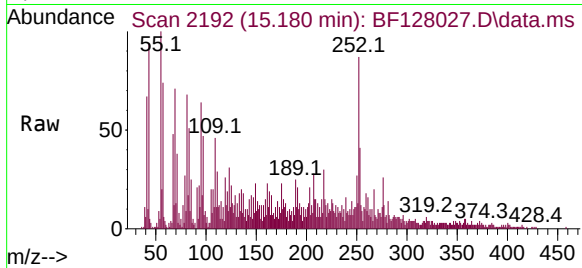




#88
Benzo(b)fluoranthene
Concen: 5.274 ng
RT: 15.180 min Scan# 2192
Delta R.T. 0.006 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

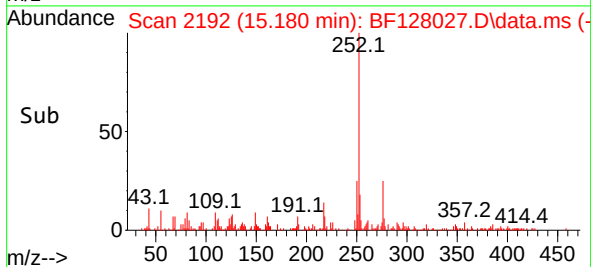
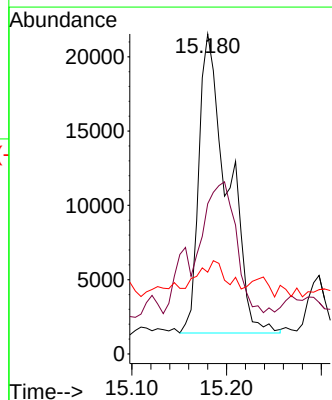
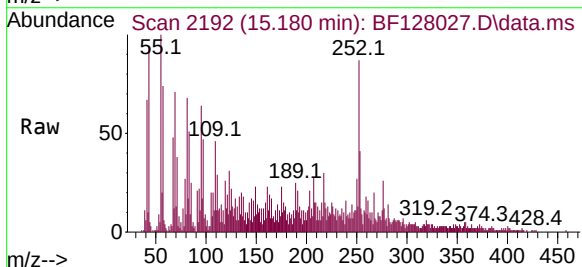
Instrument :
BNA_F
ClientSampleId :
HR-02-042822

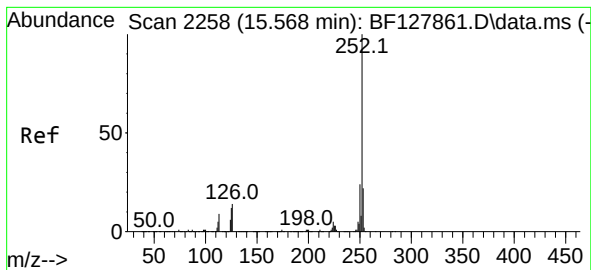
Tgt Ion:252 Resp: 42415
Ion Ratio Lower Upper
252 100
253 47.0 17.4 26.2#
125 25.5 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 5.235 ng
RT: 15.180 min Scan# 2192
Delta R.T. -0.029 min
Lab File: BF128027.D
Acq: 02 May 2022 15:46

Tgt Ion:252 Resp: 42415
Ion Ratio Lower Upper
252 100
253 47.0 17.0 25.4#
125 25.5 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 3.104 ng

RT: 15.562 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF128027.D

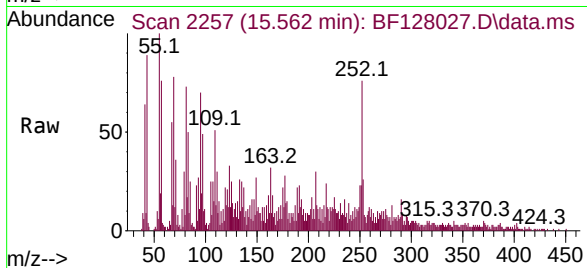
Acq: 02 May 2022 15:46

Instrument :

BNA_F

ClientSampleId :

HR-02-042822



Tgt Ion:252 Resp: 20705

Ion Ratio Lower Upper

252 100

253 34.0 17.8 26.6#

125 33.0 9.2 13.8#

