

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050222\
 Data File : BF128034.D
 Acq On : 02 May 2022 19:07
 Operator : CG\JU
 Sample : N2605-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-042822

Quant Time: May 03 07:28:46 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)

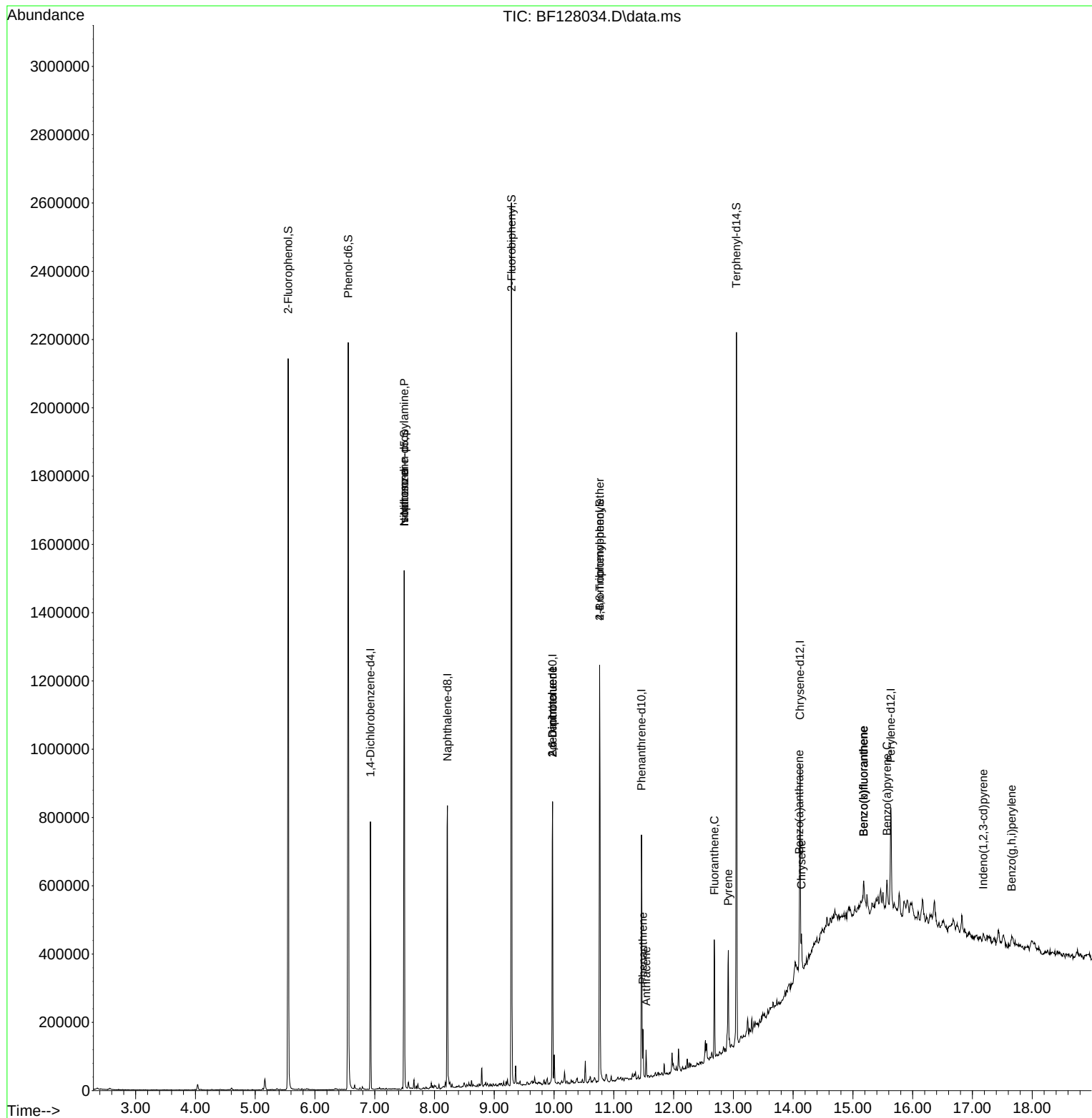
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	95973	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	345597	20.000	ng	0.00
39) Acenaphthene-d10	9.975	164	164544	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	249494	20.000	ng	0.00
76) Chrysene-d12	14.116	240	187059	20.000	ng	0.00
86) Perylene-d12	15.633	264	118545	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	539890	89.601	ng	0.00
7) Phenol-d6	6.557	99	673806	86.181	ng	0.00
23) Nitrobenzene-d5	7.492	82	481471	65.512	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	132975	80.279	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	747017	76.804	ng	0.00
79) Terphenyl-d14	13.051	244	681434	66.612	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	63299	13.226	ng	# 80
25) Isophorone	7.492	82	478648	38.696	ng	# 68
51) 2,6-Dinitrotoluene	9.975	165	21154	8.854	ng	# 22
57) 2,4-Dinitrotoluene	9.975	165	21154	6.684	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	8283	2.995	ng	# 1
71) Phenanthrene	11.486	178	48005	3.676	ng	99
72) Anthracene	11.539	178	28811	2.215	ng	99
75) Fluoranthene	12.680	202	133289	9.697	ng	99
78) Pyrene	12.916	202	115121	7.624	ng	99
81) Benzo(a)anthracene	14.104	228	40871	3.278	ng	# 93
83) Chrysene	14.139	228	37153	3.120	ng	96
87) Indeno(1,2,3-cd)pyrene	17.180	276	16179	2.045	ng	94
88) Benzo(b)fluoranthene	15.180	252	49547	6.654	ng	# 77
89) Benzo(k)fluoranthene	15.180	252	49547	6.605	ng	# 75
90) Benzo(a)pyrene	15.568	252	23480	3.802	ng	# 83
92) Benzo(g,h,i)perylene	17.657	276	17987	2.690	ng	# 88

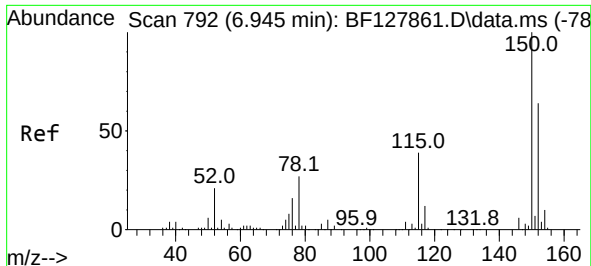
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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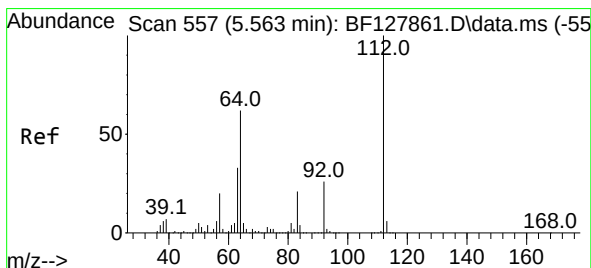
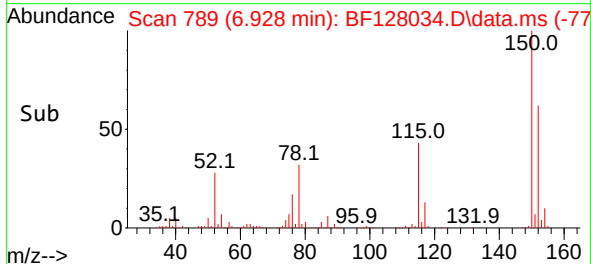
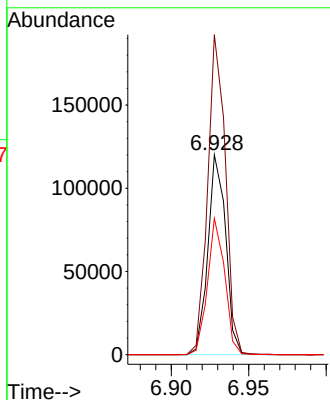
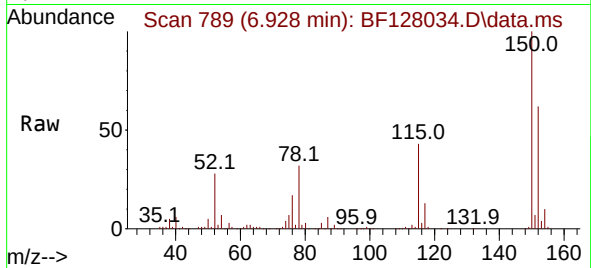




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

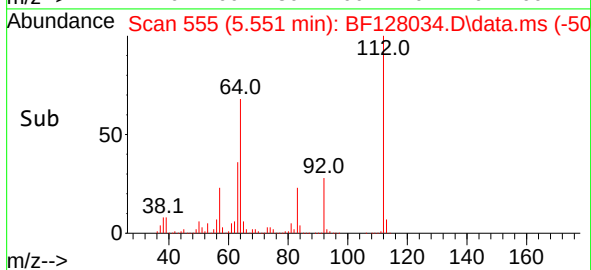
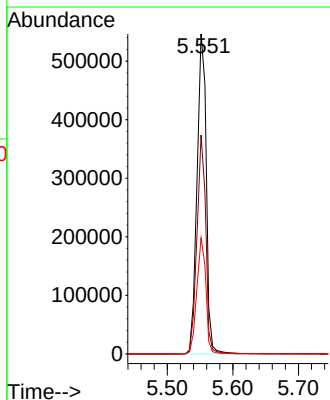
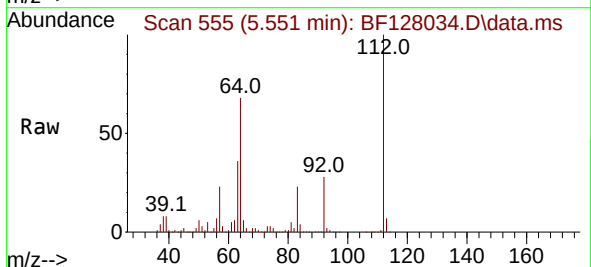
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

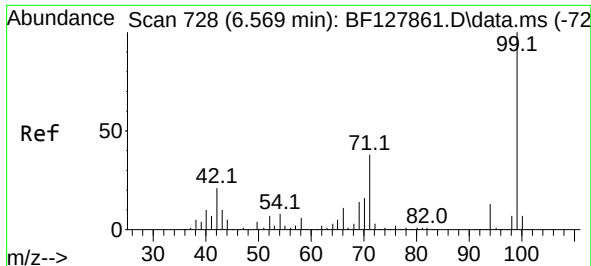
Tgt Ion:152 Resp: 95973
Ion Ratio Lower Upper
152 100
150 160.1 125.3 187.9
115 68.2 48.8 73.2



#5
2-Fluorophenol
Concen: 89.601 ng
RT: 5.551 min Scan# 555
Delta R.T. 0.000 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

Tgt Ion:112 Resp: 539890
Ion Ratio Lower Upper
112 100
64 68.4 49.5 74.3
63 36.3 26.3 39.5

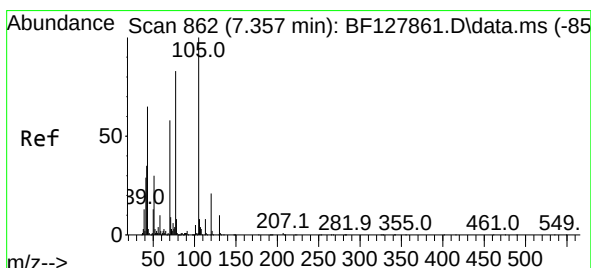
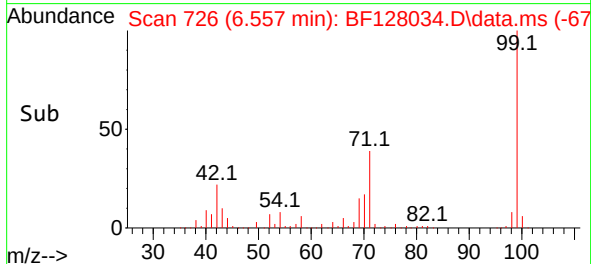
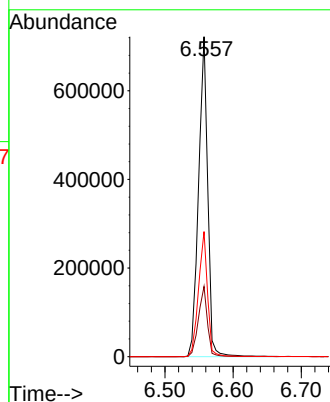
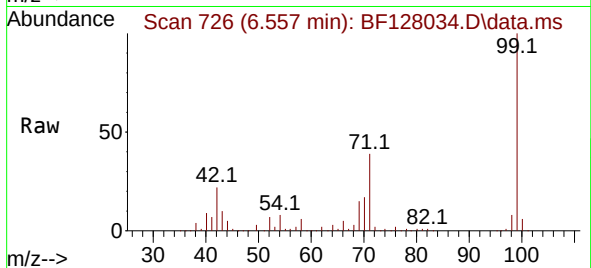




#7
Phenol-d6
Concen: 86.181 ng
RT: 6.557 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

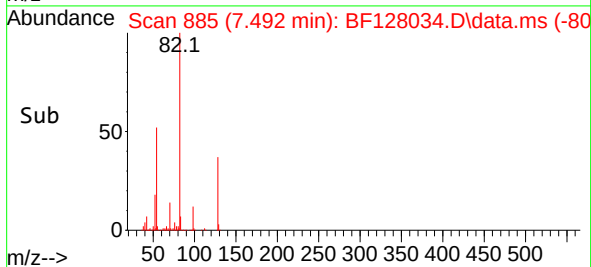
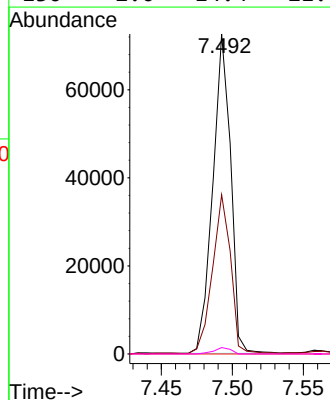
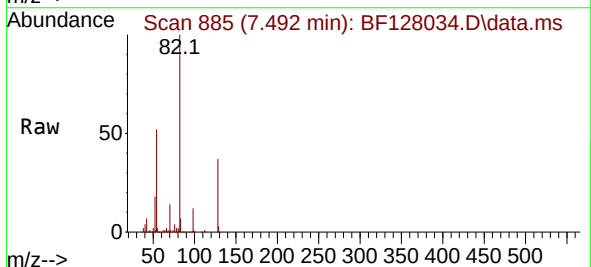
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

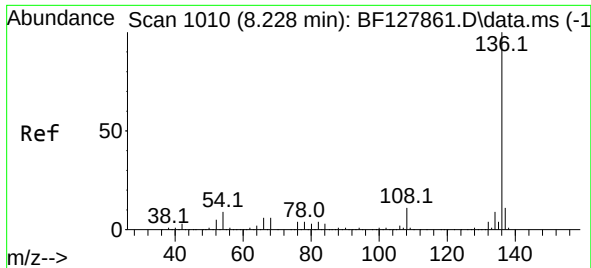
Tgt Ion: 99 Resp: 673806
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 39.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.226 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

Tgt Ion: 70 Resp: 63299
Ion Ratio Lower Upper
70 100
42 49.7 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#

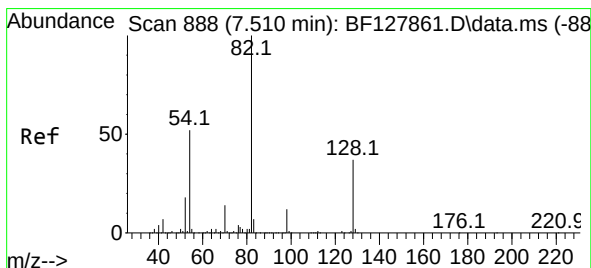
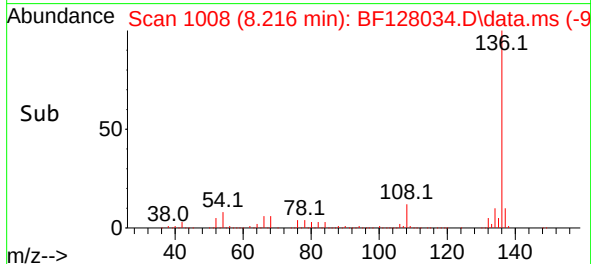
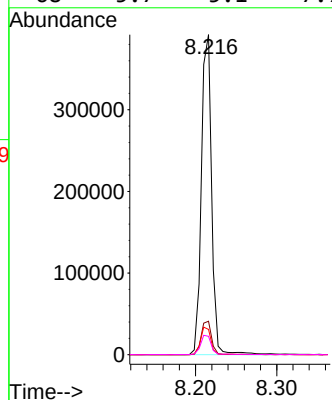
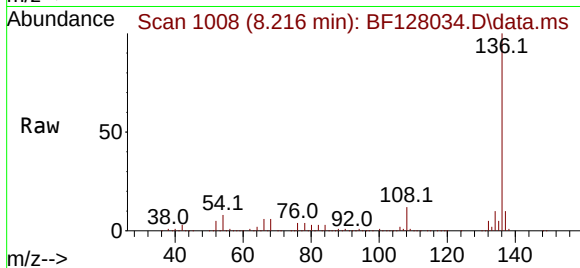




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

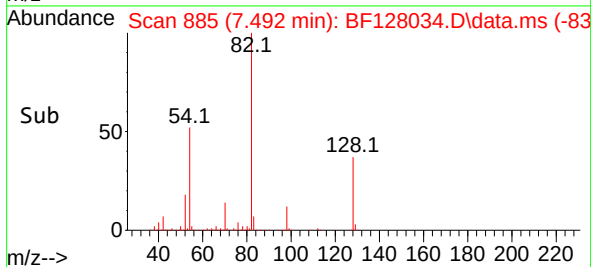
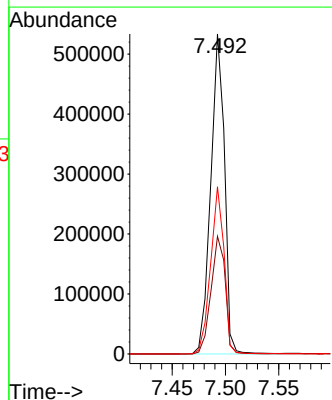
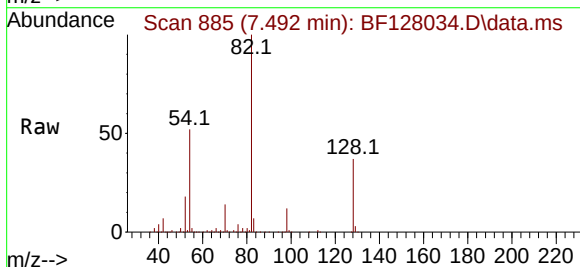
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

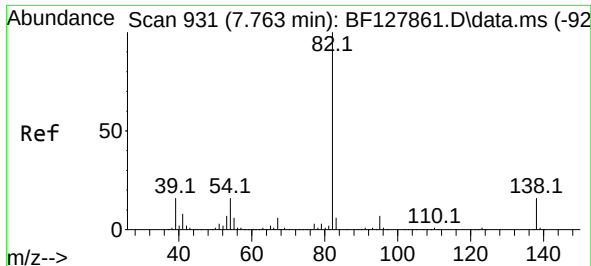
Tgt Ion:	136	Resp:	345597
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	7.9	6.8	10.2
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 65.512 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.012 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

Tgt Ion:	82	Resp:	481471
Ion	Ratio	Lower	Upper
82	100		
128	36.8	30.0	45.0
54	52.3	41.3	61.9

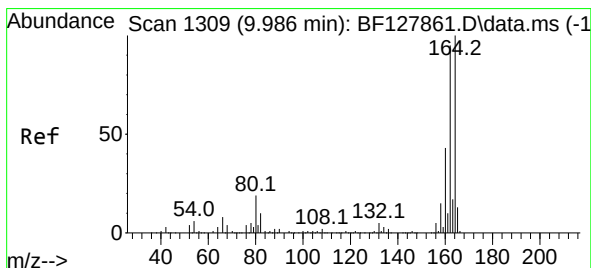
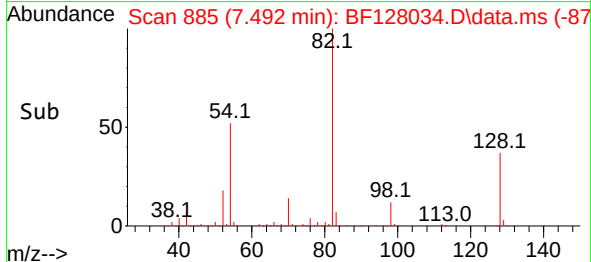
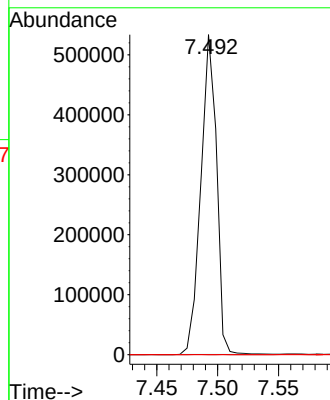
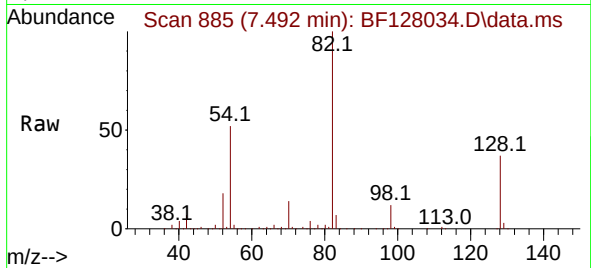




#25
Isophorone
Concen: 38.696 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

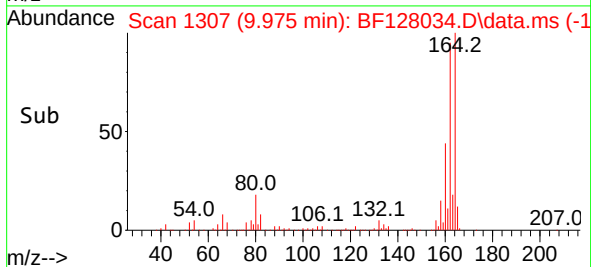
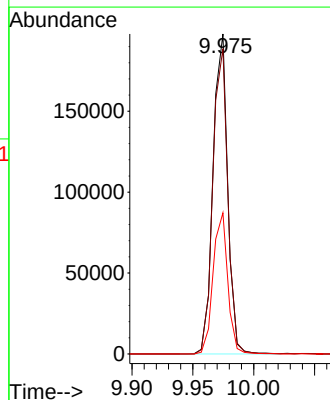
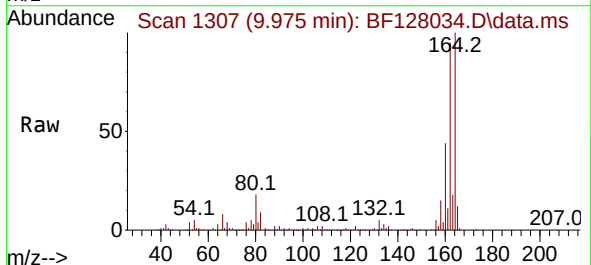
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

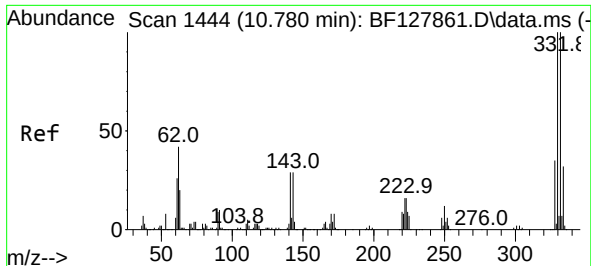
Tgt Ion: 82 Resp: 478648
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

Tgt Ion:164 Resp: 164544
Ion Ratio Lower Upper
164 100
162 95.4 76.0 114.0
160 44.1 34.8 52.2

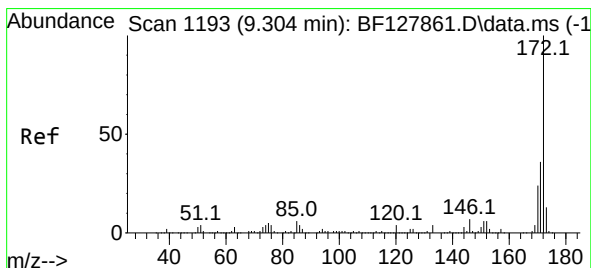
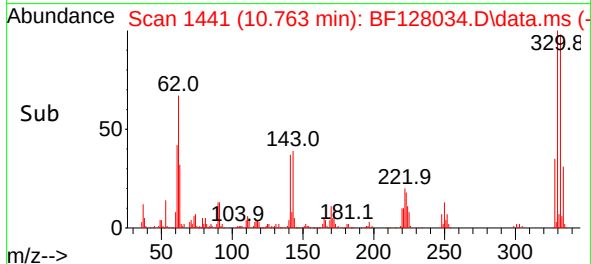
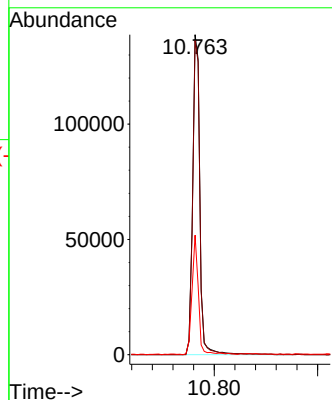
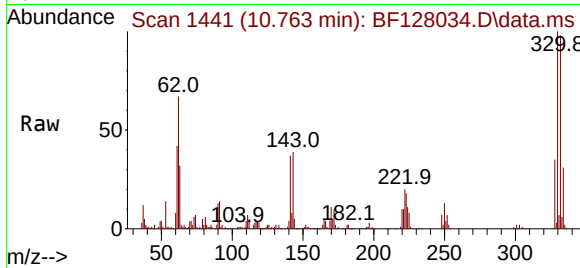




#42
2,4,6-Tribromophenol
Concen: 80.279 ng
RT: 10.763 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

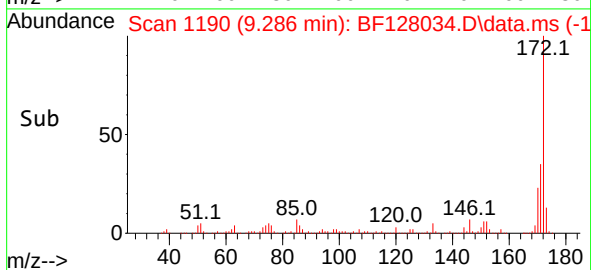
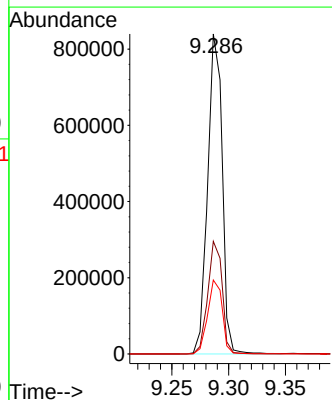
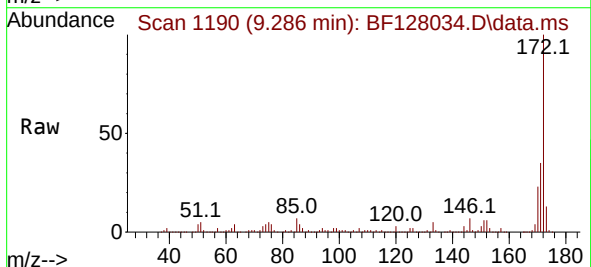
Instrument :
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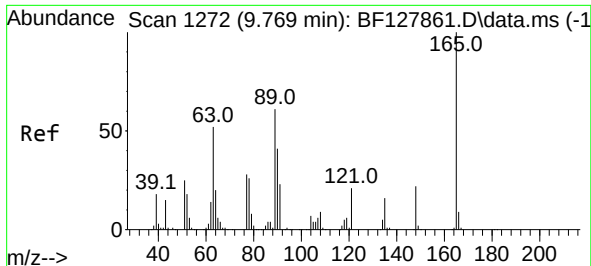
Tgt Ion:330 Resp: 132975
Ion Ratio Lower Upper
330 100
332 97.6 79.0 118.4
141 33.8 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 76.804 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

Tgt Ion:172 Resp: 747017
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.1 19.1 28.7

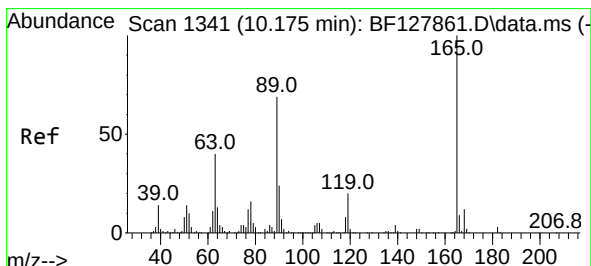
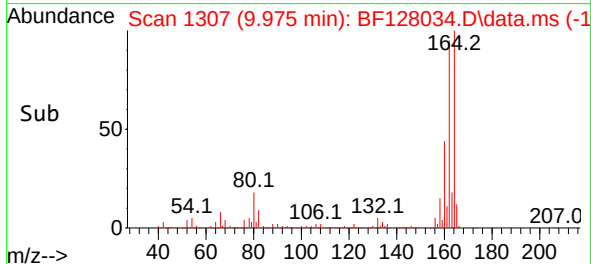
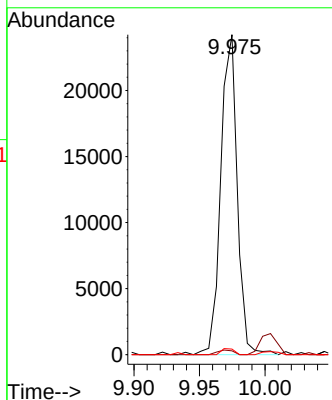
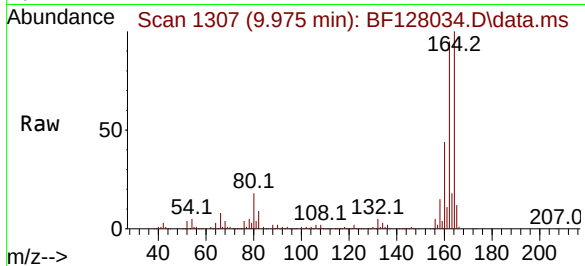




#51
2,6-Dinitrotoluene
Concen: 8.854 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

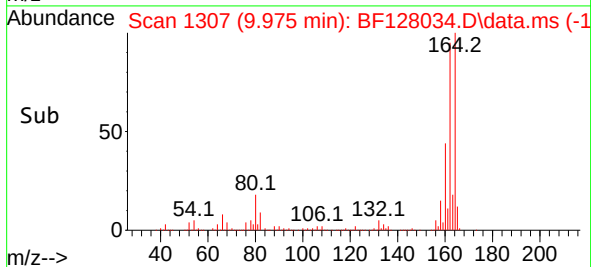
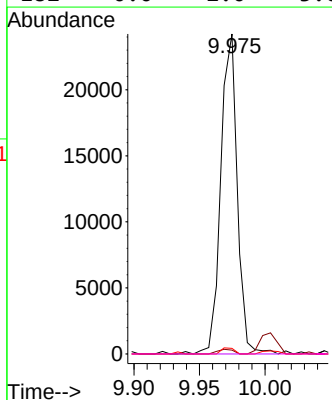
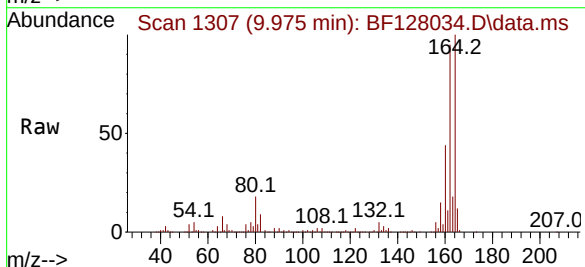
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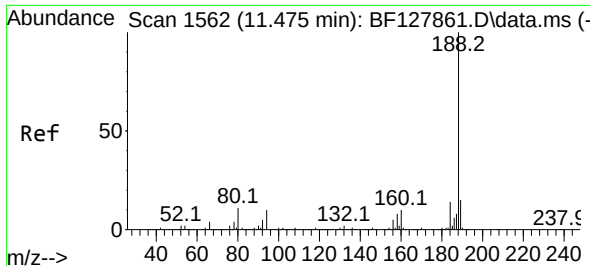
Tgt Ion:165 Resp: 21154
Ion Ratio Lower Upper
165 100
63 1.2 49.5 74.3#
89 1.8 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.684 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.188 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

Tgt Ion:165 Resp: 21154
Ion Ratio Lower Upper
165 100
63 1.2 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#

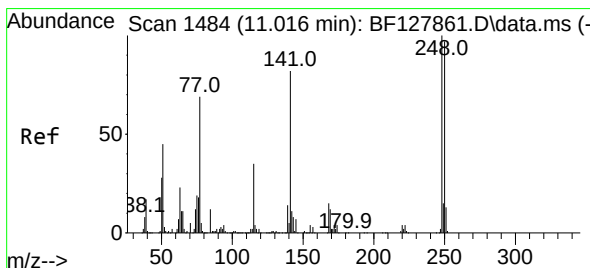
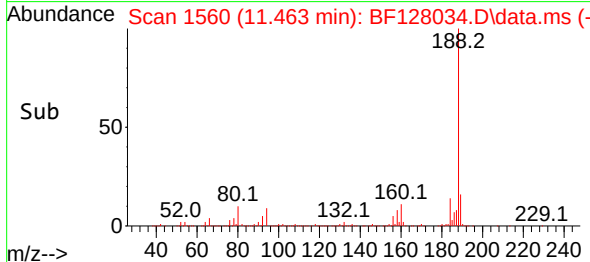
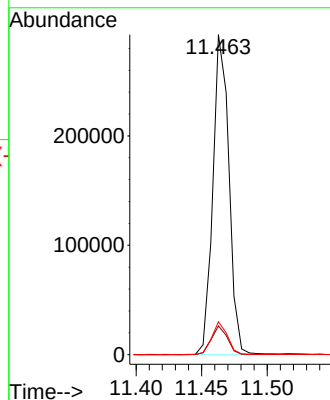
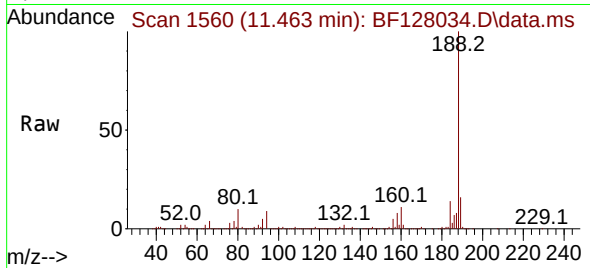




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

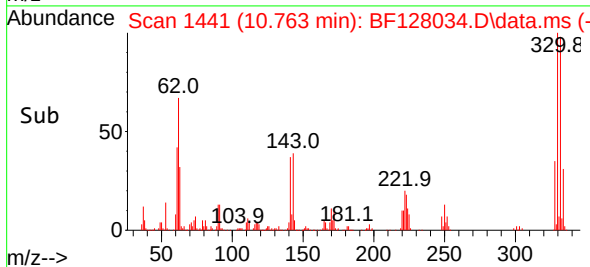
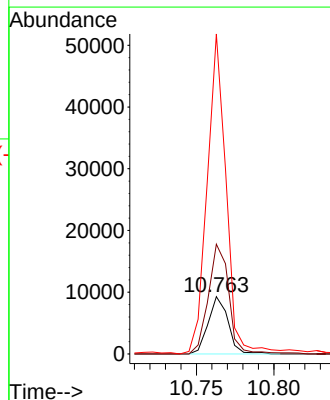
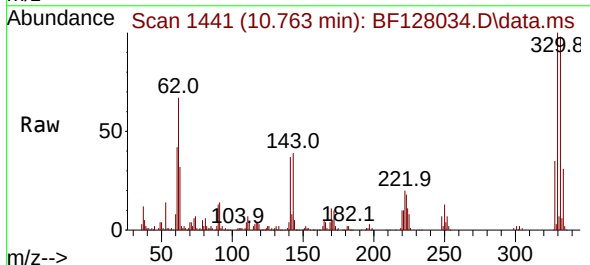
Instrument :
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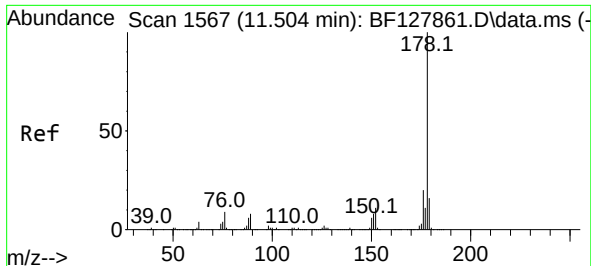
Tgt Ion:188 Resp: 249494
Ion Ratio Lower Upper
188 100
94 9.0 8.0 12.0
80 10.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.995 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

Tgt Ion:248 Resp: 8283
Ion Ratio Lower Upper
248 100
250 191.8 77.7 116.5#
141 558.7 65.6 98.4#

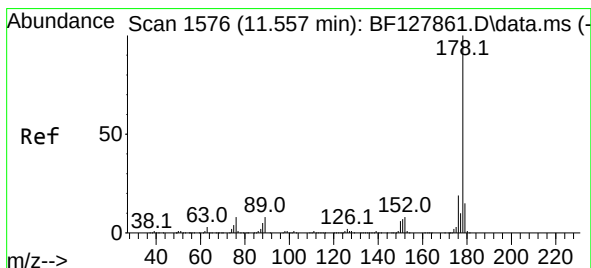
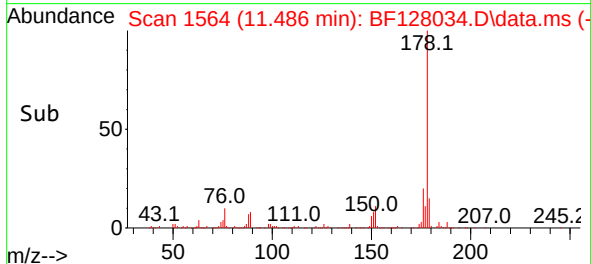
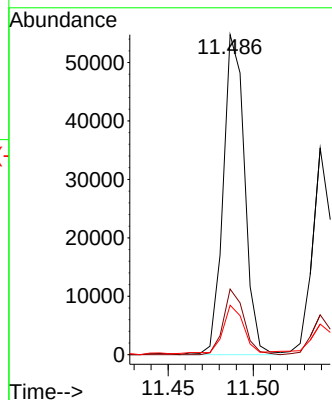
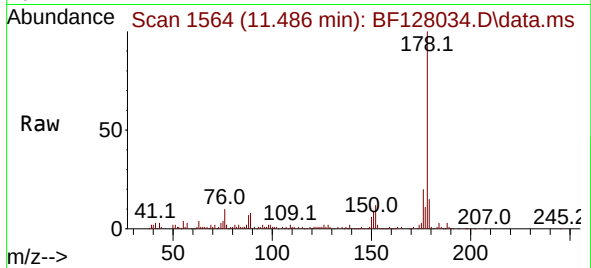




#71
Phenanthrene
Concen: 3.676 ng
RT: 11.486 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

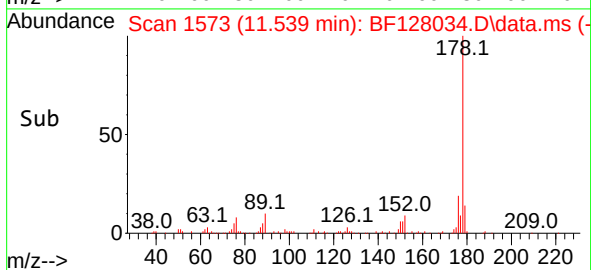
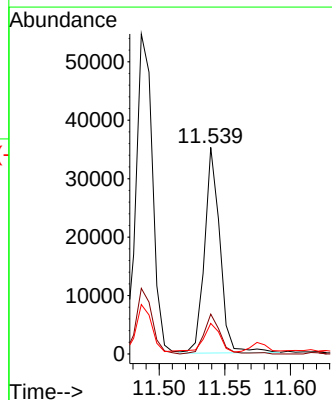
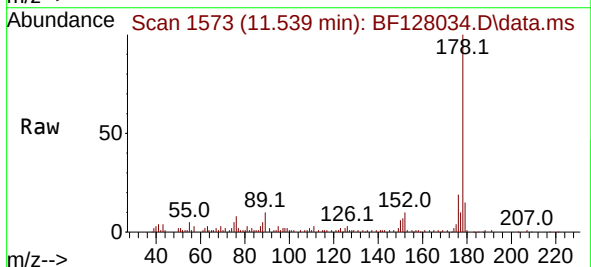
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

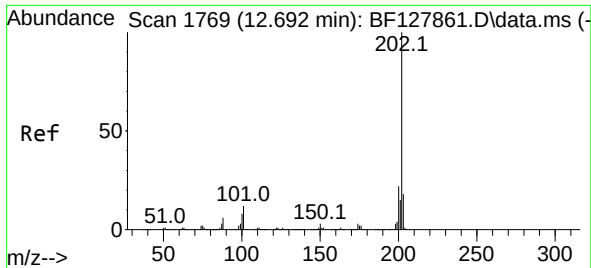
Tgt Ion:178 Resp: 48005
Ion Ratio Lower Upper
178 100
176 20.5 15.7 23.5
179 15.4 12.6 19.0



#72
Anthracene
Concen: 2.215 ng
RT: 11.539 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

Tgt Ion:178 Resp: 28811
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.6
179 14.8 12.4 18.6

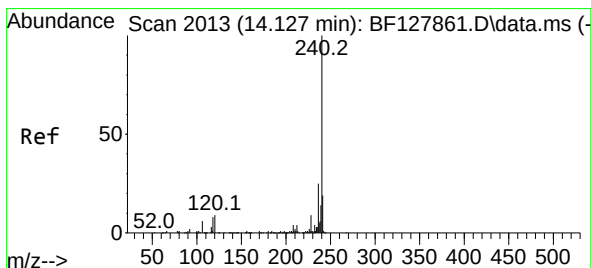
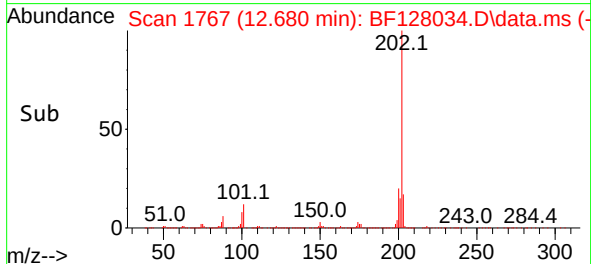
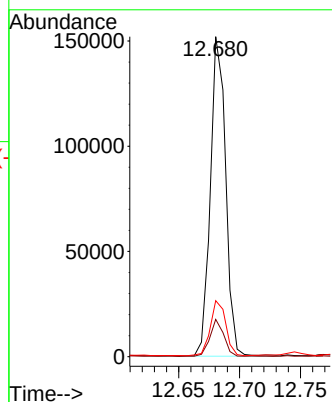
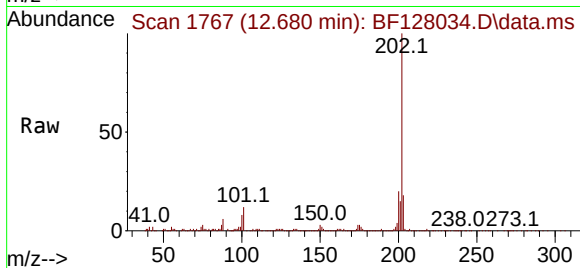




#75
Fluoranthene
Concen: 9.697 ng
RT: 12.680 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

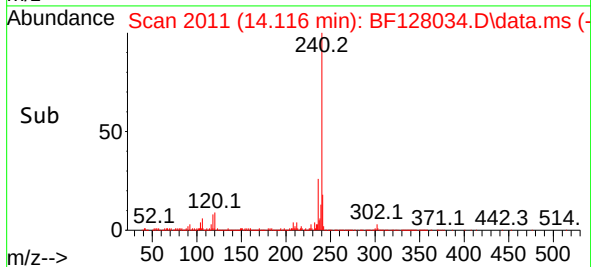
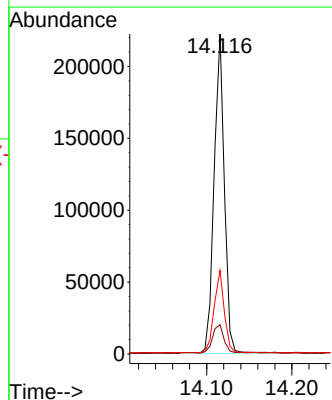
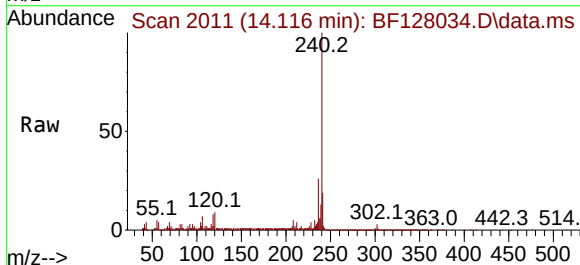
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

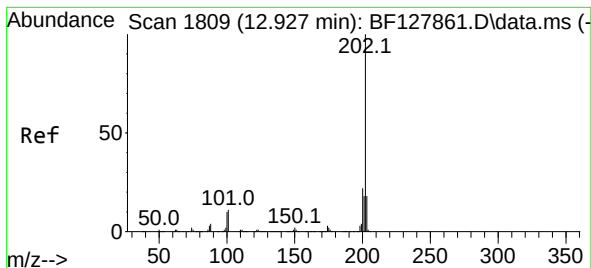
Tgt Ion:202 Resp: 133289
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.6
203 17.5 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.116 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

Tgt Ion:240 Resp: 187059
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 26.1 20.3 30.5





#78

Pyrene

Concen: 7.624 ng

RT: 12.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128034.D

Acq: 02 May 2022 19:07

Instrument :

BNA_F

ClientSampleId :

TR-06-042822

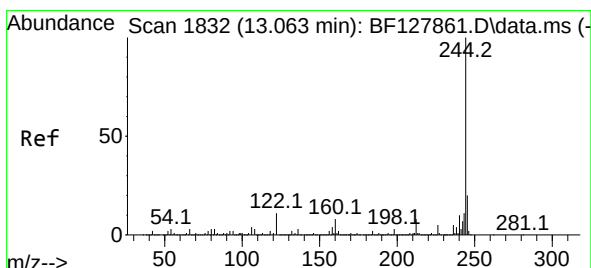
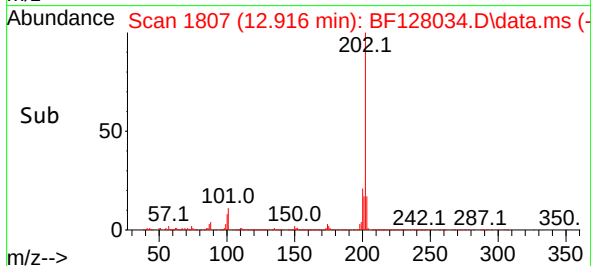
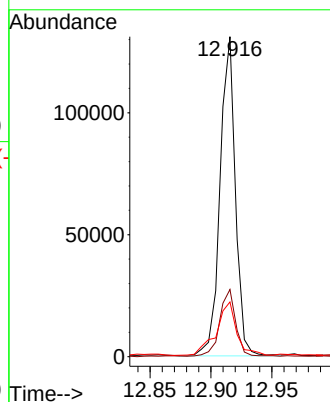
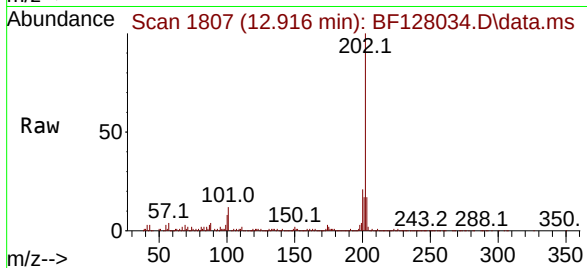
Tgt Ion:202 Resp: 115121

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

203 17.1 14.0 21.0



#79

Terphenyl-d14

Concen: 66.612 ng

RT: 13.051 min Scan# 1830

Delta R.T. -0.006 min

Lab File: BF128034.D

Acq: 02 May 2022 19:07

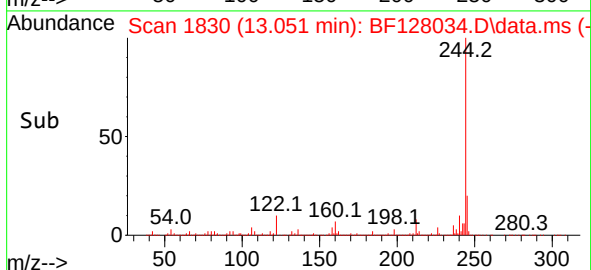
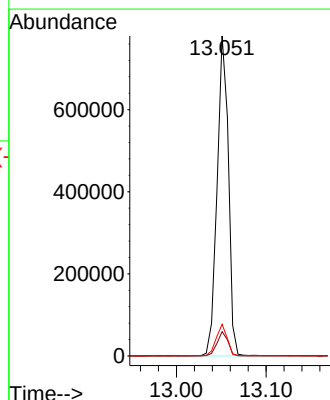
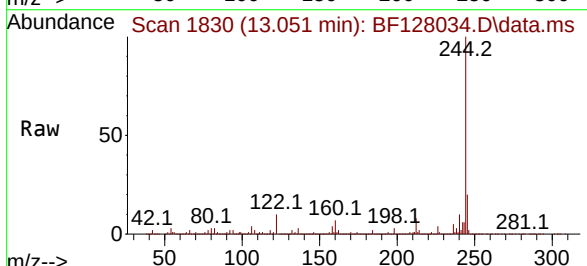
Tgt Ion:244 Resp: 681434

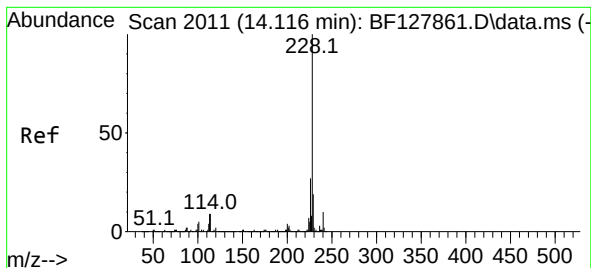
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.4

122 9.9 8.6 12.8





#81

Benzo(a)anthracene

Concen: 3.278 ng

RT: 14.104 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF128034.D

Acq: 02 May 2022 19:07

Instrument :

BNA_F

ClientSampleId :

TR-06-042822

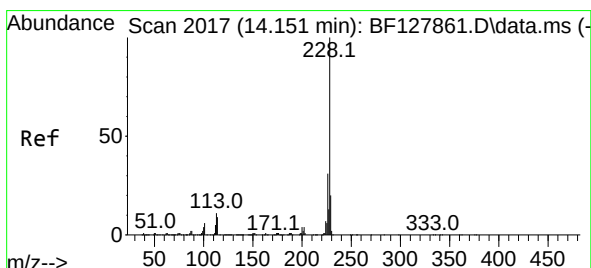
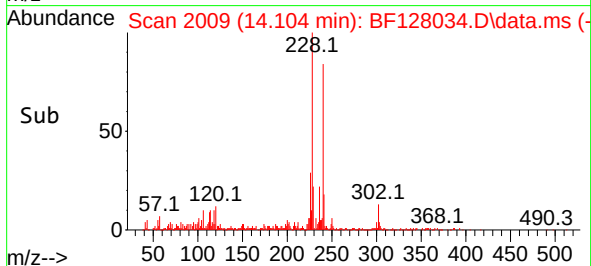
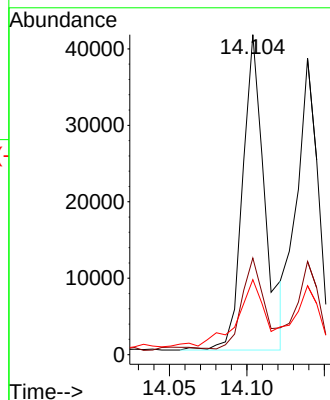
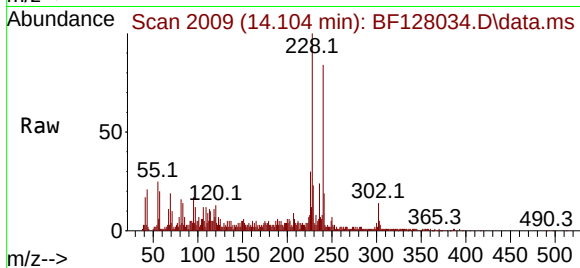
Tgt Ion:228 Resp: 40871

Ion Ratio Lower Upper

228 100

226 30.2 21.7 32.5

229 23.4 15.4 23.2#



#83

Chrysene

Concen: 3.120 ng

RT: 14.139 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF128034.D

Acq: 02 May 2022 19:07

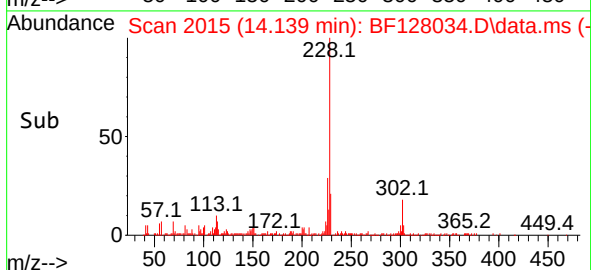
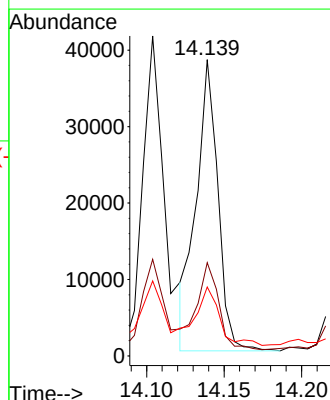
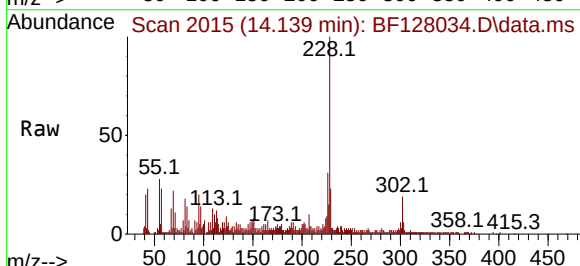
Tgt Ion:228 Resp: 37153

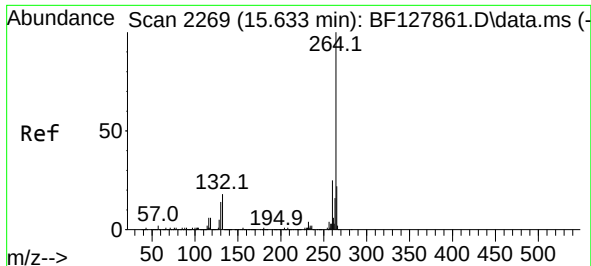
Ion Ratio Lower Upper

228 100

226 31.5 24.4 36.6

229 23.3 15.8 23.8

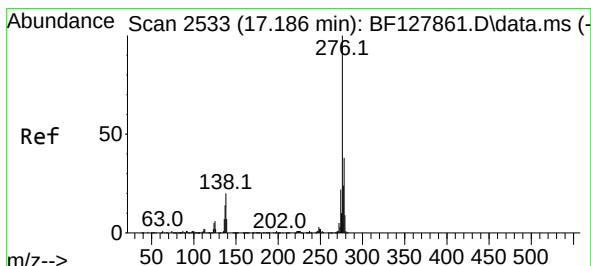
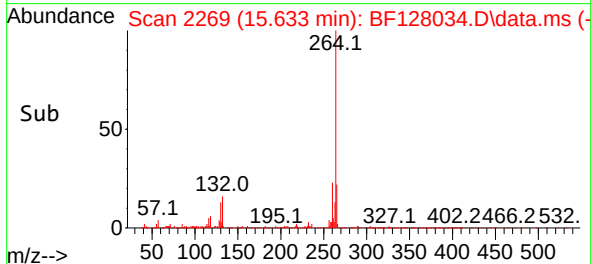
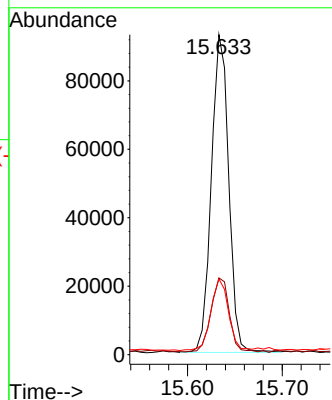
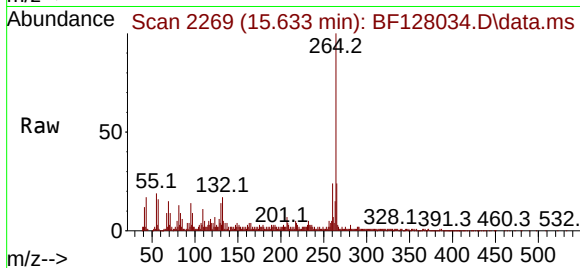




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

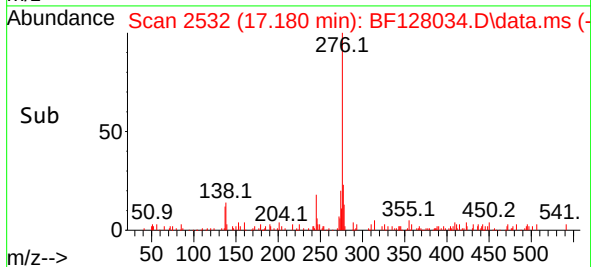
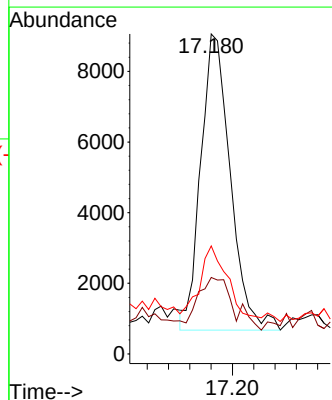
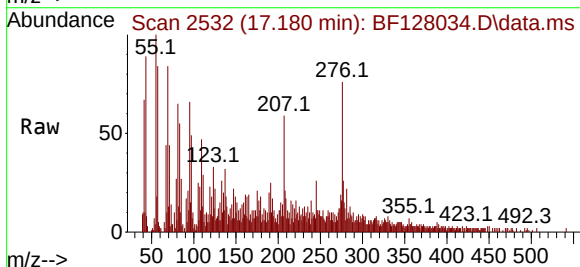
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

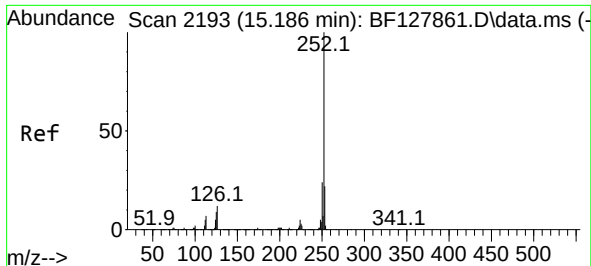
Tgt Ion:264 Resp: 118545
Ion Ratio Lower Upper
264 100
260 24.0 20.1 30.1
265 23.7 17.5 26.3



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.045 ng
RT: 17.180 min Scan# 2532
Delta R.T. 0.012 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

Tgt Ion:276 Resp: 16179
Ion Ratio Lower Upper
276 100
138 20.9 19.0 28.4
277 22.4 20.1 30.1

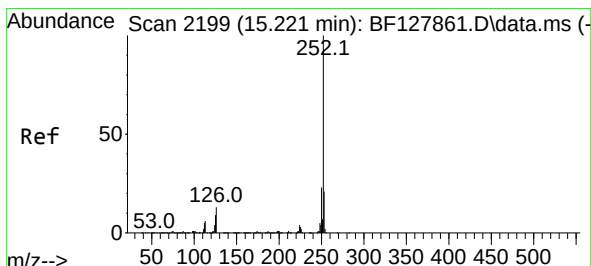
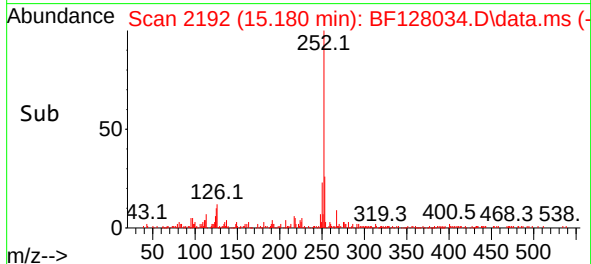
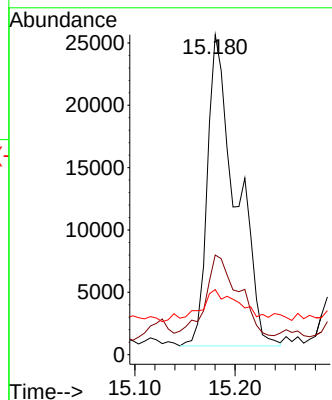
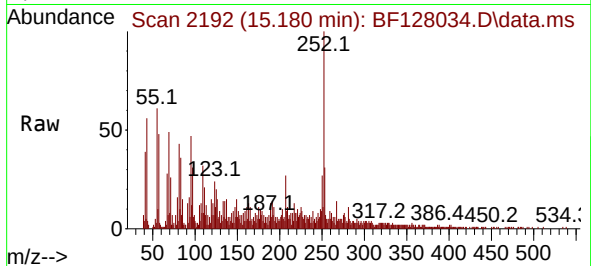




#88
Benzo(b)fluoranthene
Concen: 6.654 ng
RT: 15.180 min Scan# 2193
Delta R.T. 0.006 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

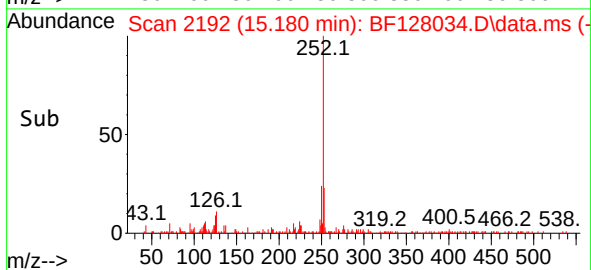
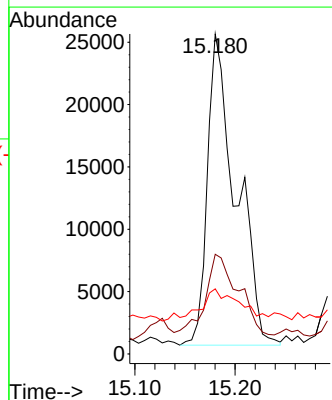
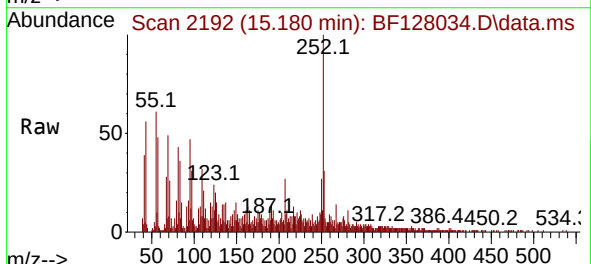
Instrument :
BNA_F
ClientSampleId :
TR-06-042822

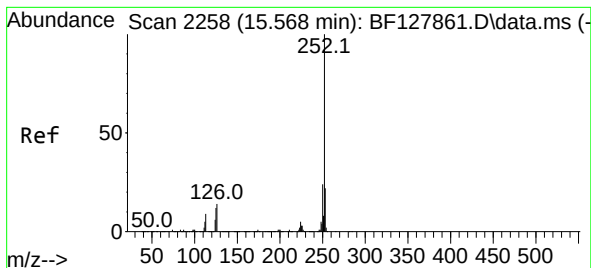
Tgt Ion:252 Resp: 49547
Ion Ratio Lower Upper
252 100
253 31.1 17.4 26.2#
125 20.4 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 6.605 ng
RT: 15.180 min Scan# 2192
Delta R.T. -0.029 min
Lab File: BF128034.D
Acq: 02 May 2022 19:07

Tgt Ion:252 Resp: 49547
Ion Ratio Lower Upper
252 100
253 31.1 17.0 25.4#
125 20.4 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 3.802 ng

RT: 15.568 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF128034.D

Acq: 02 May 2022 19:07

Instrument :

BNF

ClientSampleId :

TR-06-042822

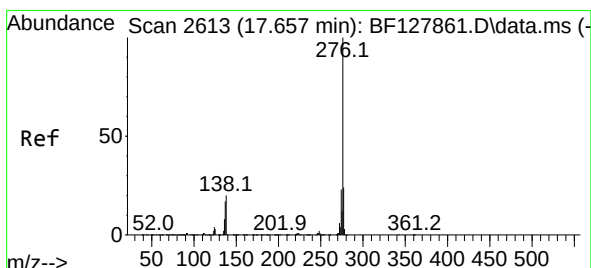
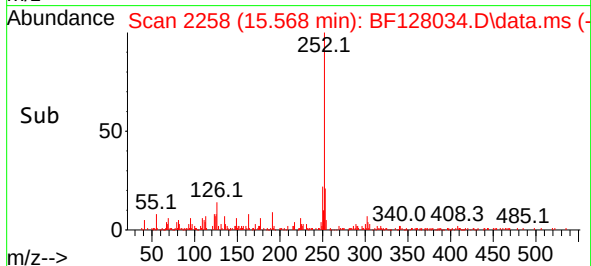
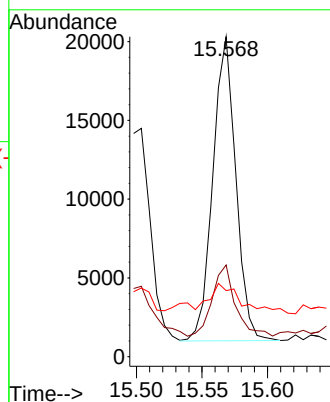
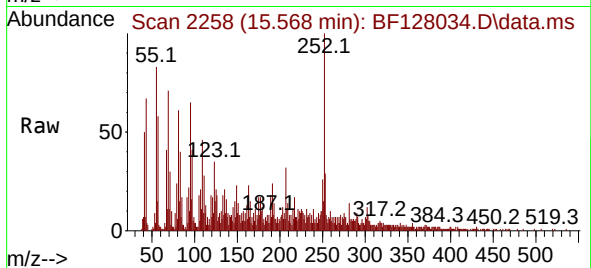
Tgt Ion:252 Resp: 23480

Ion Ratio Lower Upper

252 100

253 28.6 17.8 26.6#

125 20.6 9.2 13.8#



#92

Benzo(g,h,i)perylene

Concen: 2.690 ng

RT: 17.657 min Scan# 2613

Delta R.T. 0.018 min

Lab File: BF128034.D

Acq: 02 May 2022 19:07

Tgt Ion:276 Resp: 17987

Ion Ratio Lower Upper

276 100

277 31.4 18.8 28.2#

138 23.5 16.2 24.2

