

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128207.D
 Acq On : 11 May 2022 21:14
 Operator : CG\JU
 Sample : N2776-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-280MER-10-15

Quant Time: May 12 06:01:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

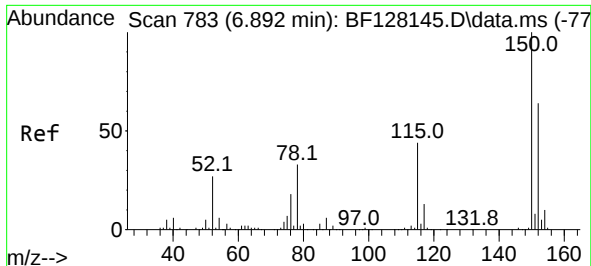
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	76835	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	295888	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	155742	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	248813	20.000	ng	0.00
76) Chrysene-d12	14.068	240	162533	20.000	ng	-0.01
86) Perylene-d12	15.568	264	156078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	496613	103.035	ng	0.00
7) Phenol-d6	6.522	99	649105	101.820	ng	0.00
23) Nitrobenzene-d5	7.457	82	465199	70.744	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	165025	92.390	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	714227	71.756	ng	0.00
79) Terphenyl-d14	13.010	244	588529	67.945	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	192	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.457	70	62505	15.921	ng	# 79
25) Isophorone	7.457	82	463941	45.002	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	20270	9.194	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	20270	6.876	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	9822	3.669	ng	# 1
71) Phenanthrene	11.445	178	32741	2.643	ng	97
75) Fluoranthene	12.639	202	58198	4.333	ng	94
77) Benzidine	13.010	184	9213	2.617	ng	# 91
78) Pyrene	12.869	202	50742	4.306	ng	99
81) Benzo(a)anthracene	14.057	228	27654	2.664	ng	96
83) Chrysene	14.092	228	23858	2.409	ng	97
88) Benzo(b)fluoranthene	15.121	252	42123	4.354	ng	# 92
89) Benzo(k)fluoranthene	15.121	252	42123	4.410	ng	# 91
90) Benzo(a)pyrene	15.498	252	21627	2.769	ng	95

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

Quant Time: May 12 06:01:23 2022
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QLast Update : Mon May 09 15:30:11 2022
Response via : Initial Calibration

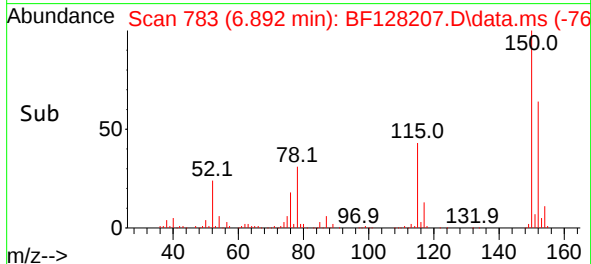
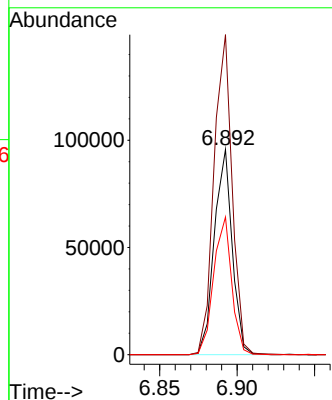
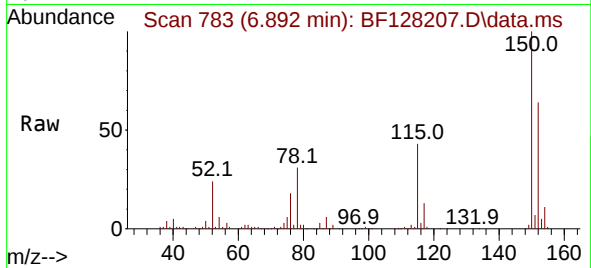




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

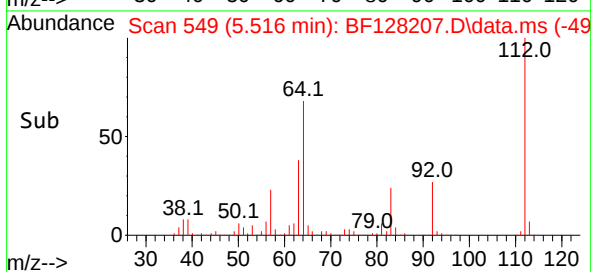
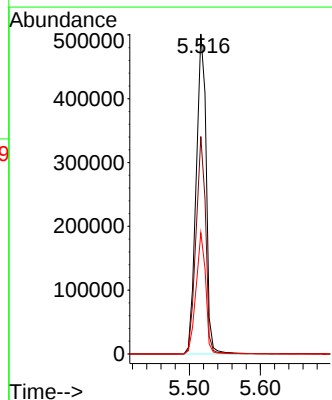
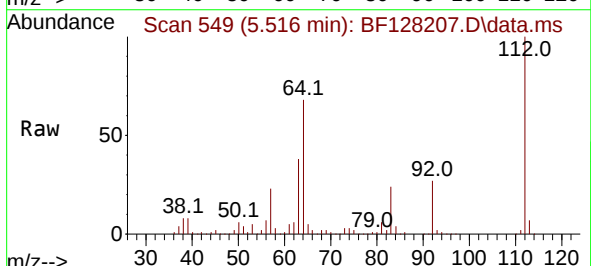
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

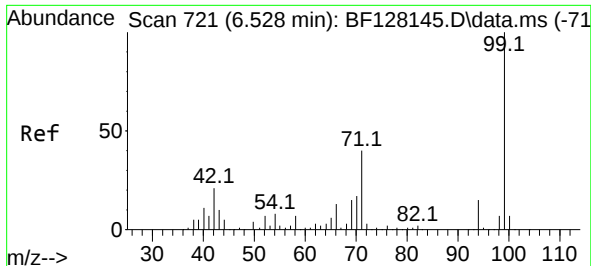
Tgt Ion:152 Resp: 76835
Ion Ratio Lower Upper
152 100
150 155.9 125.3 187.9
115 67.0 48.8 73.2



#5
2-Fluorophenol
Concen: 103.035 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion:112 Resp: 496613
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 37.9 26.3 39.5

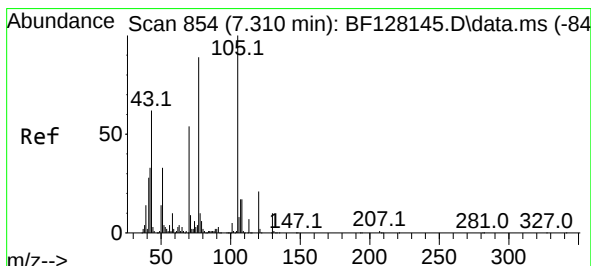
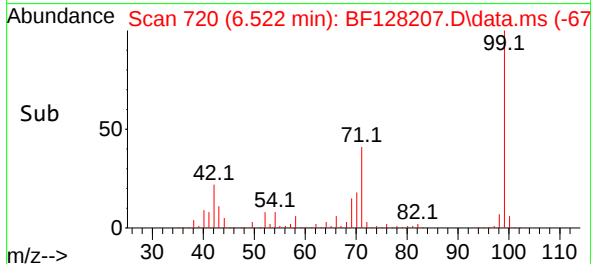
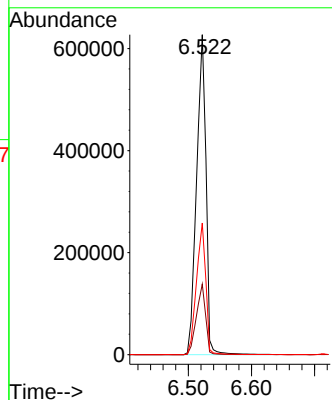
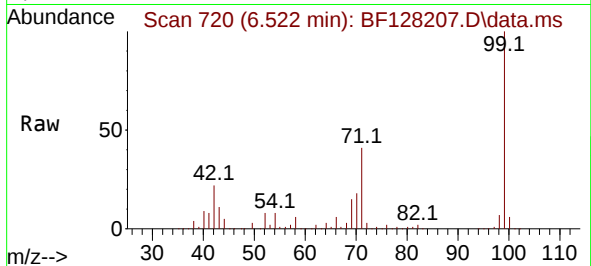




#7
Phenol-d6
Concen: 101.820 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

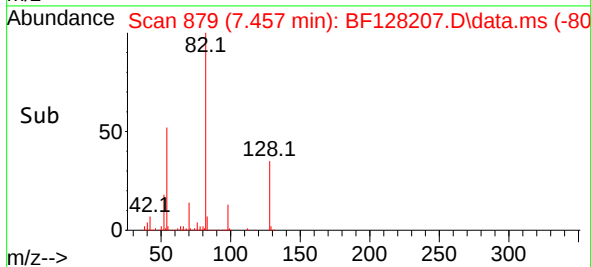
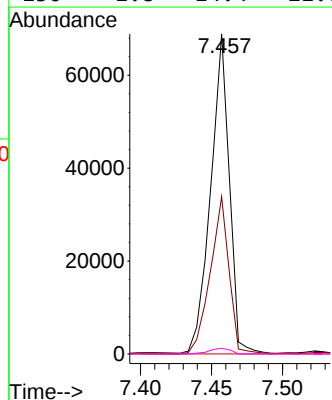
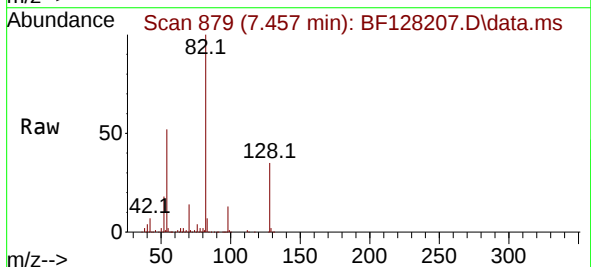
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

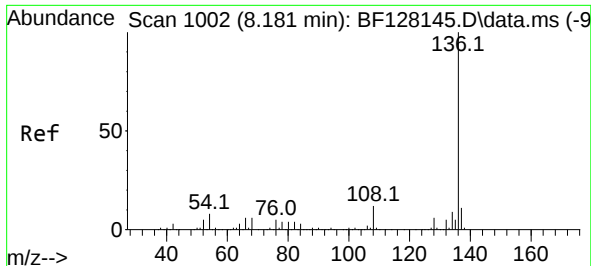
Tgt Ion: 99 Resp: 649105
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 41.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.921 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion: 70 Resp: 62505
Ion Ratio Lower Upper
70 100
42 49.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

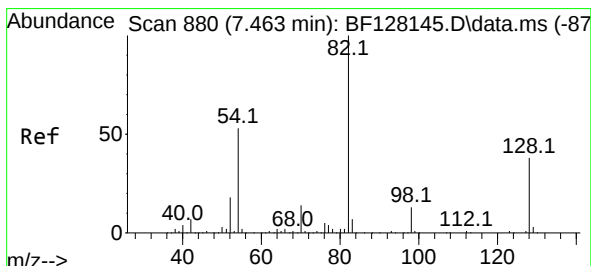
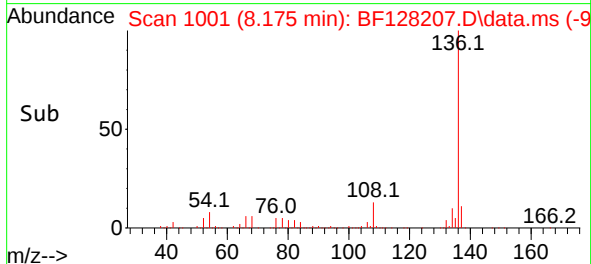
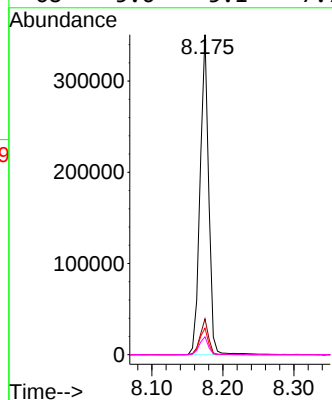
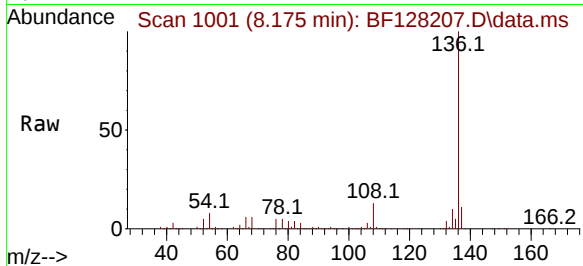




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

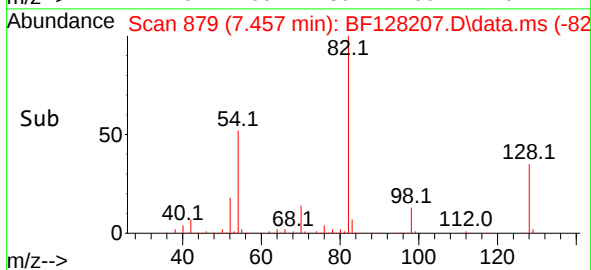
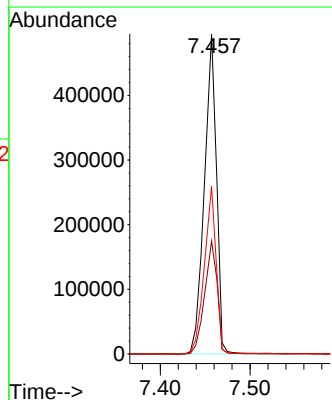
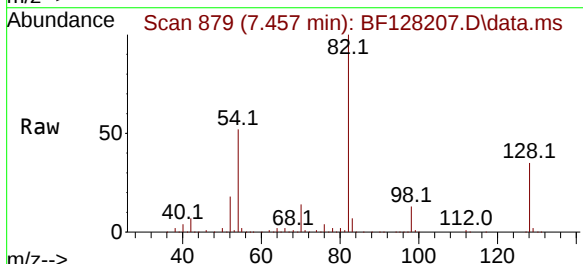
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

Tgt Ion:	136	Resp:	295888
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	8.3	6.8	10.2
68	5.6	5.1	7.7



#23
Nitrobenzene-d5
Concen: 70.744 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion:	82	Resp:	465199
Ion	Ratio	Lower	Upper
82	100		
128	35.3	30.0	45.0
54	52.4	41.3	61.9

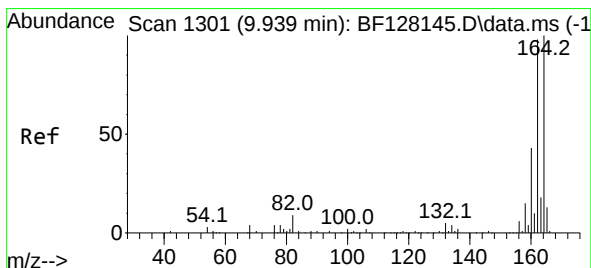
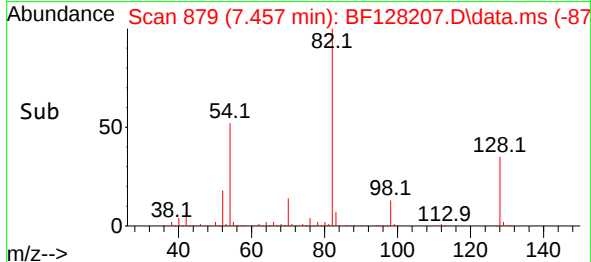
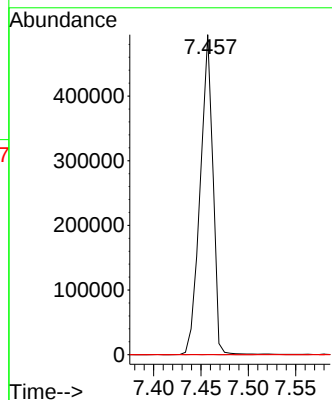
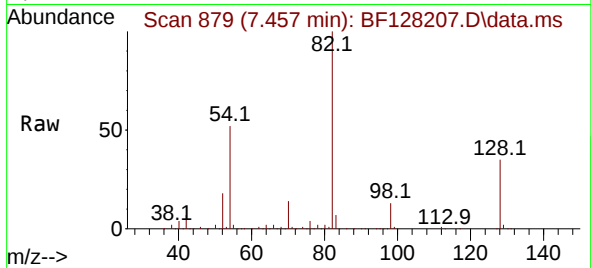




#25
Isophorone
Concen: 45.002 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

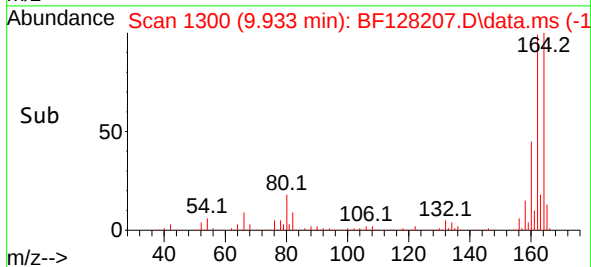
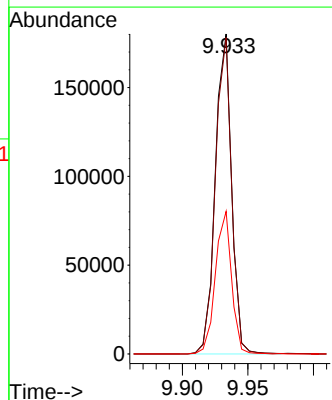
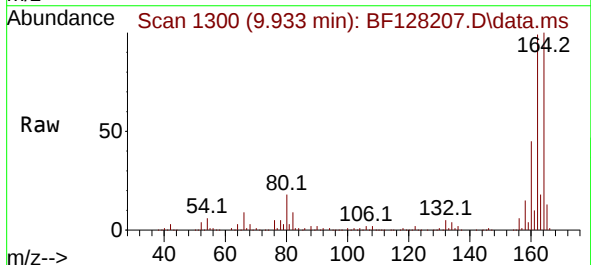
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

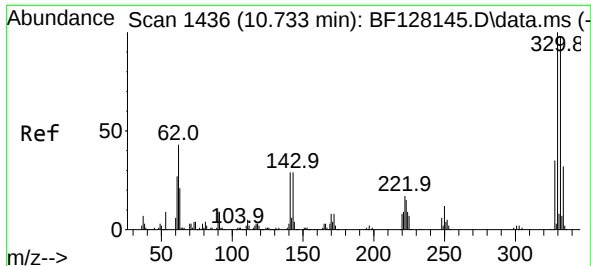
Tgt Ion: 82 Resp: 463941
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion:164 Resp: 155742
Ion Ratio Lower Upper
164 100
162 98.9 76.0 114.0
160 44.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 92.390 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128207.D

Acq: 11 May 2022 21:14

Instrument :

BNA_F

ClientSampleId :

CF-280MER-10-15

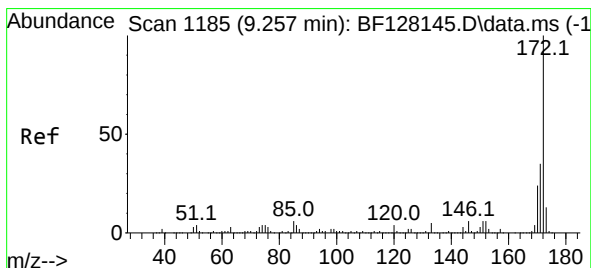
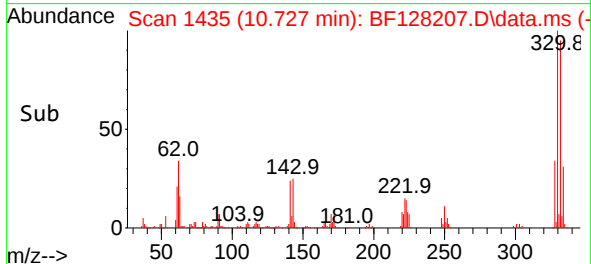
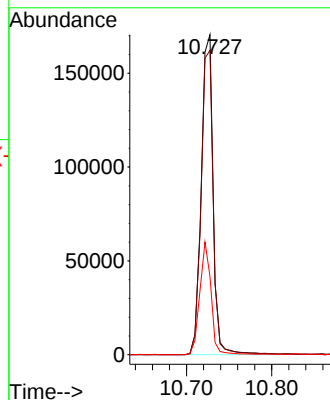
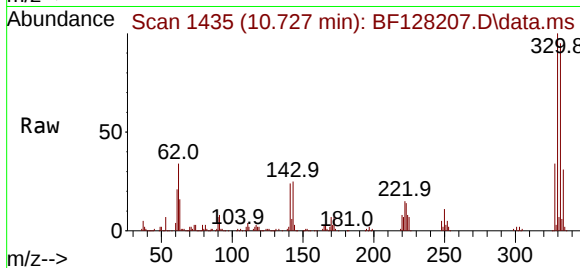
Tgt Ion:330 Resp: 165025

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.4

141 33.5 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 71.756 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128207.D

Acq: 11 May 2022 21:14

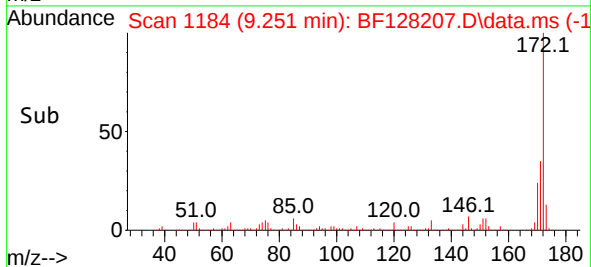
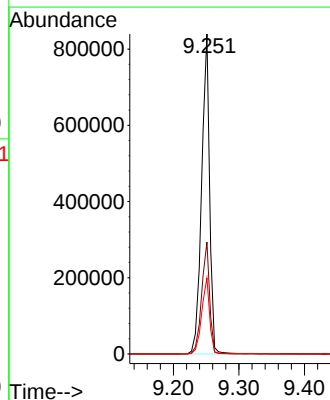
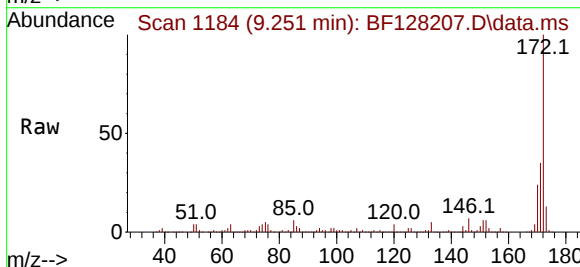
Tgt Ion:172 Resp: 714227

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.8 19.1 28.7

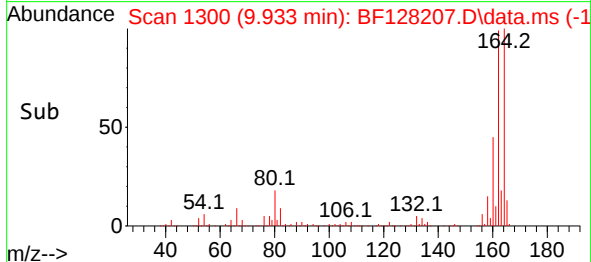
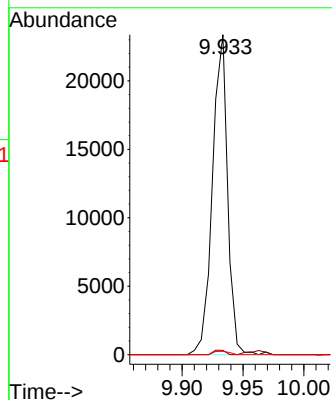
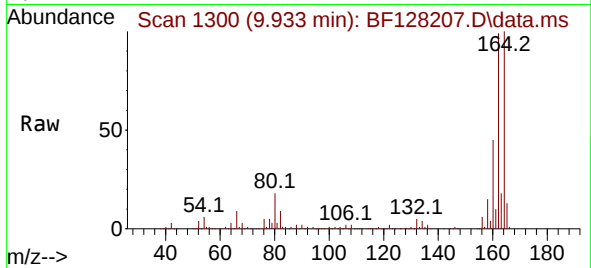




#51
2,6-Dinitrotoluene
Concen: 9.194 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

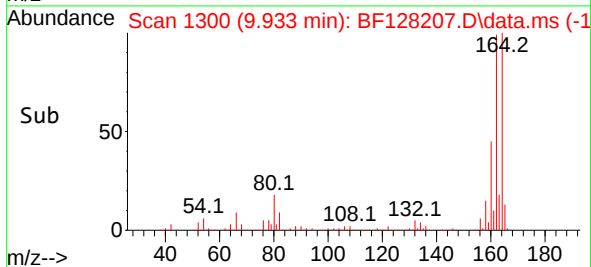
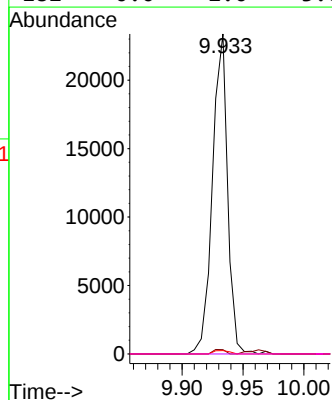
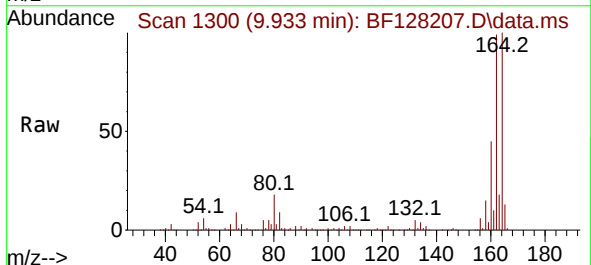
Instrument :
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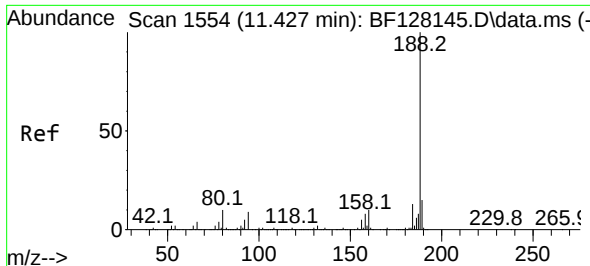
Tgt Ion:165 Resp: 20270
Ion Ratio Lower Upper
165 100
63 1.3 49.5 74.3#
89 1.0 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.876 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion:165 Resp: 20270
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.0 55.2 82.8#
182 0.0 2.0 3.0#

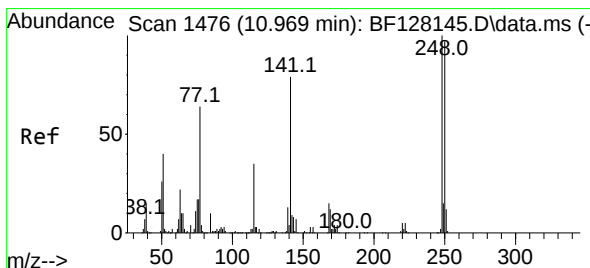
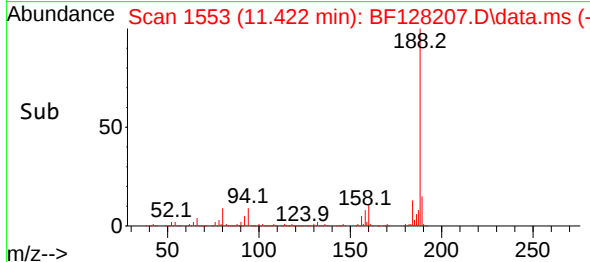
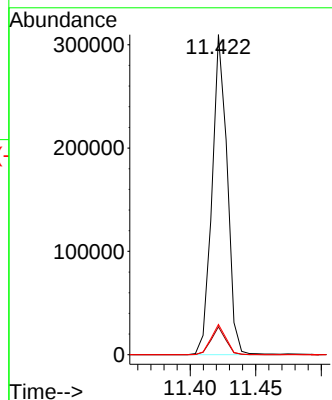
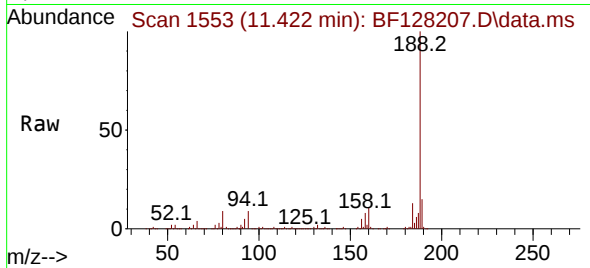




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

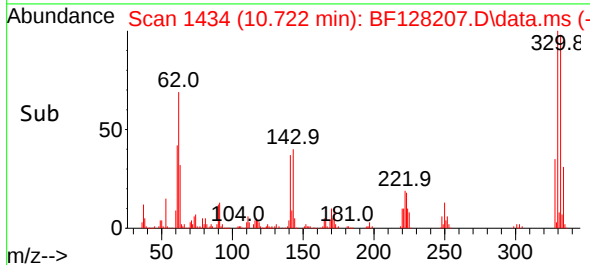
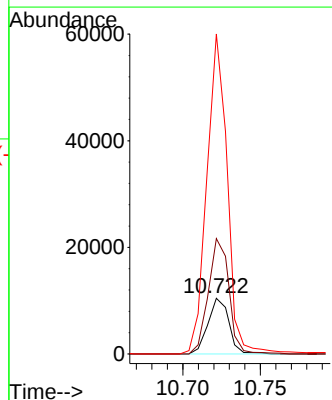
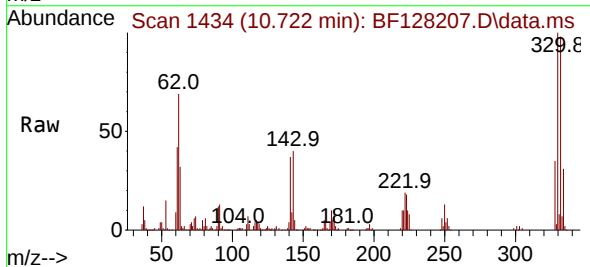
Instrument :
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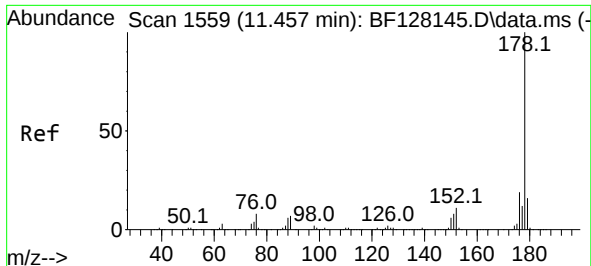
Tgt Ion:188 Resp: 248813
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.669 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion:248 Resp: 9822
Ion Ratio Lower Upper
248 100
250 207.2 77.7 116.5#
141 574.9 65.6 98.4#

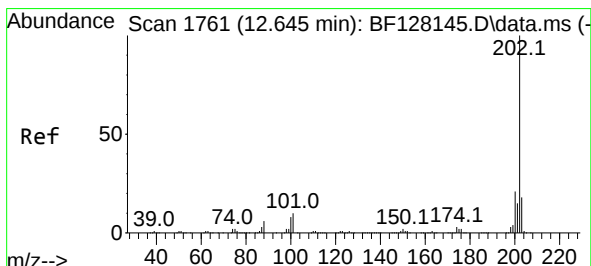
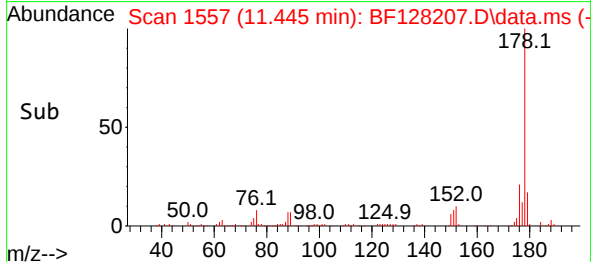
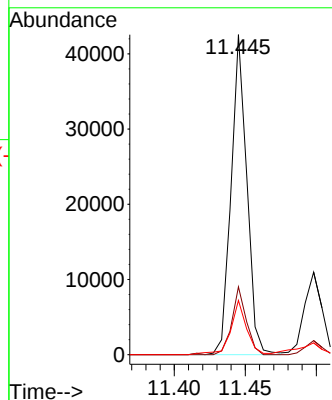
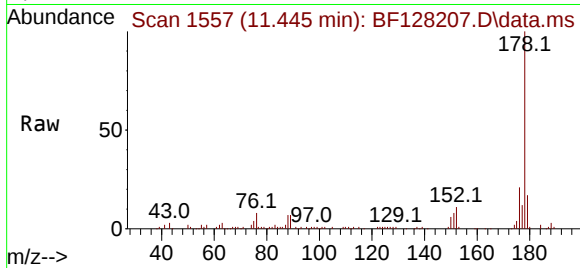




#71
Phenanthrene
Concen: 2.643 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

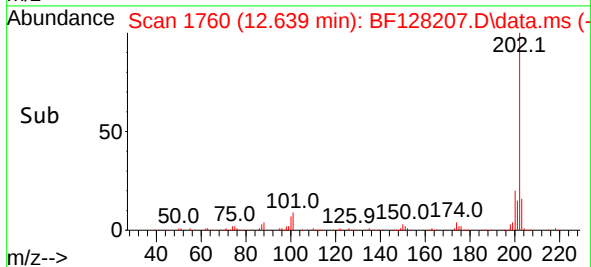
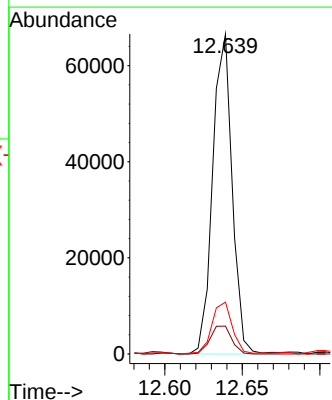
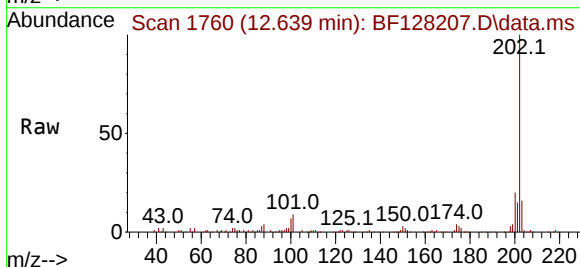
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

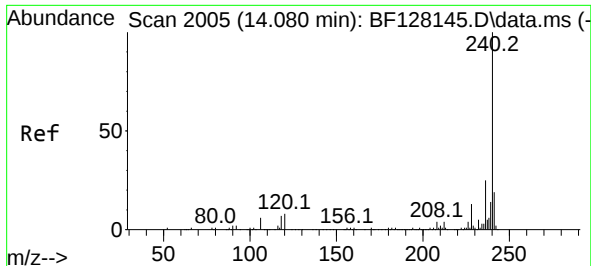
Tgt Ion:178 Resp: 32741
Ion Ratio Lower Upper
178 100
176 21.2 15.7 23.5
179 17.0 12.6 19.0



#75
Fluoranthene
Concen: 4.333 ng
RT: 12.639 min Scan# 1760
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion:202 Resp: 58198
Ion Ratio Lower Upper
202 100
101 8.7 0.0 31.6
203 16.2 0.0 38.1

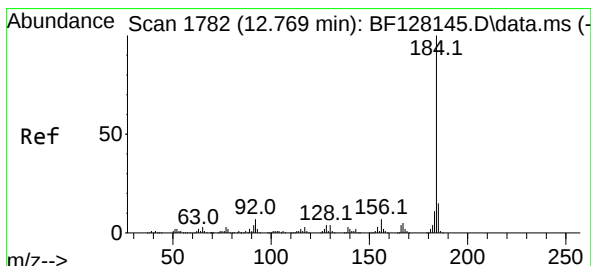
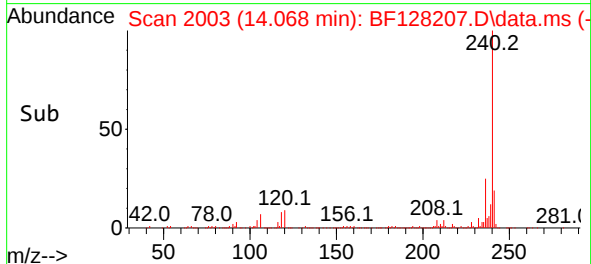
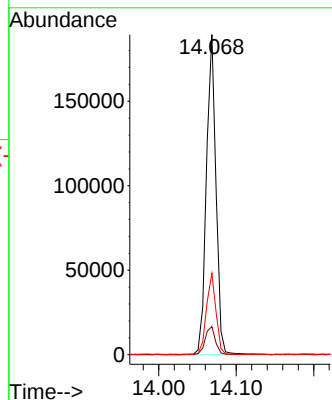
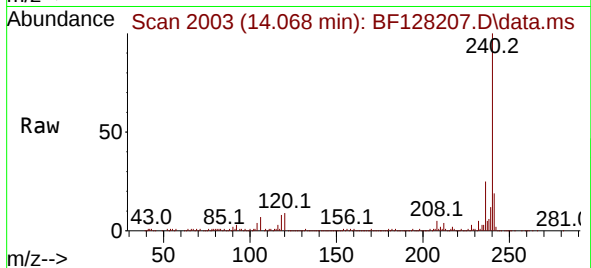




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

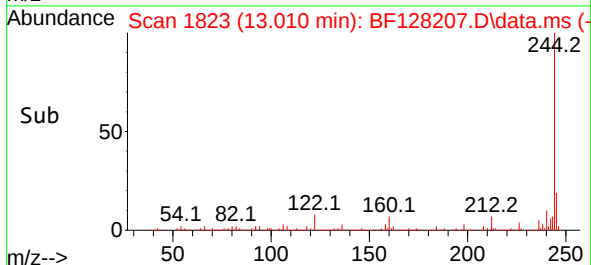
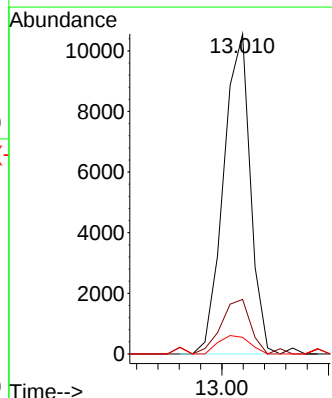
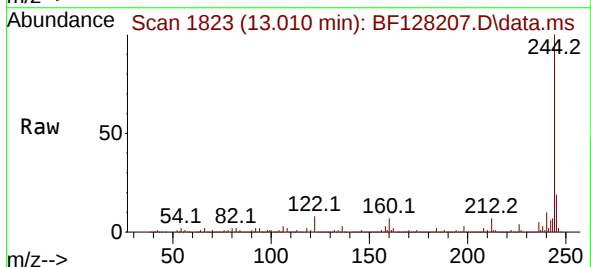
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

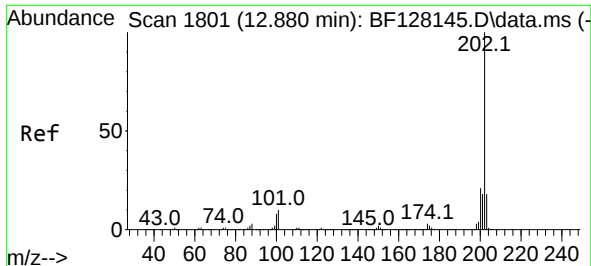
Tgt Ion:240 Resp: 162533
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.5 20.3 30.5



#77
Benzidine
Concen: 2.617 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion:184 Resp: 9213
Ion Ratio Lower Upper
184 100
185 17.0 12.1 18.1
183 5.2 9.0 13.4#

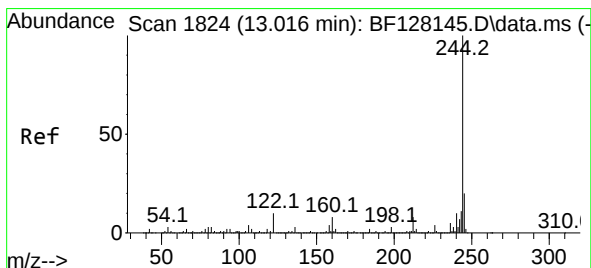
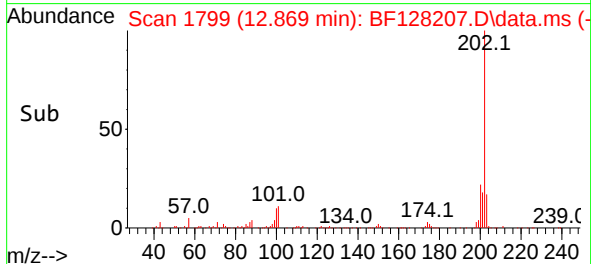
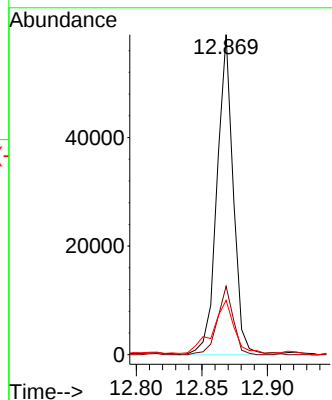
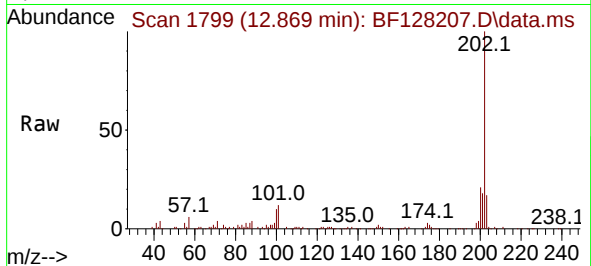




#78
Pyrene
Concen: 4.306 ng
RT: 12.869 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

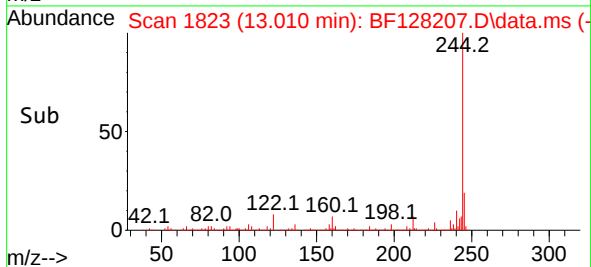
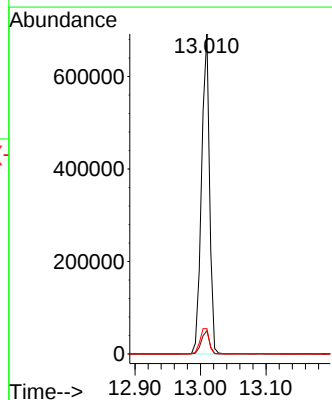
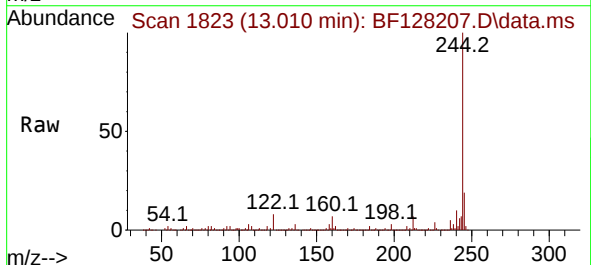
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

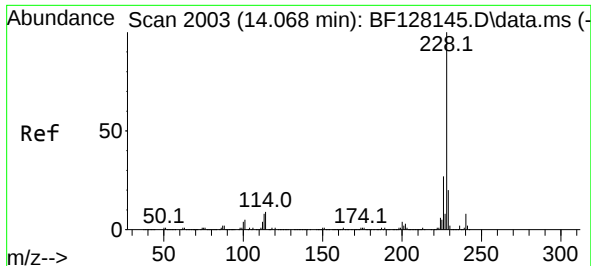
Tgt Ion:202 Resp: 50742
Ion Ratio Lower Upper
202 100
200 21.4 17.4 26.2
203 17.0 14.0 21.0



#79
Terphenyl-d14
Concen: 67.945 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion:244 Resp: 588529
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 7.9 8.6 12.8#

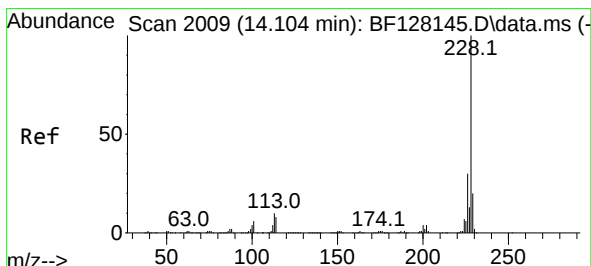
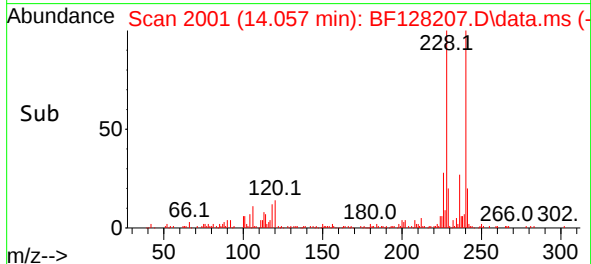
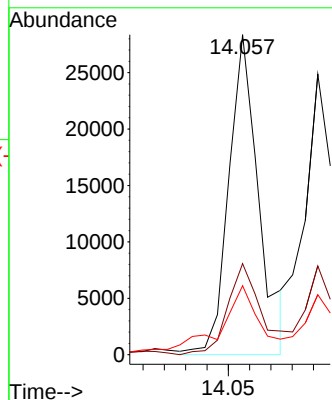
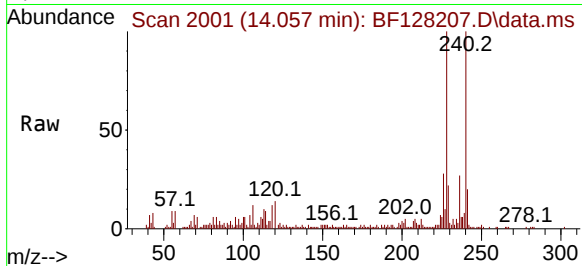




#81
Benzo(a)anthracene
Concen: 2.664 ng
RT: 14.057 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

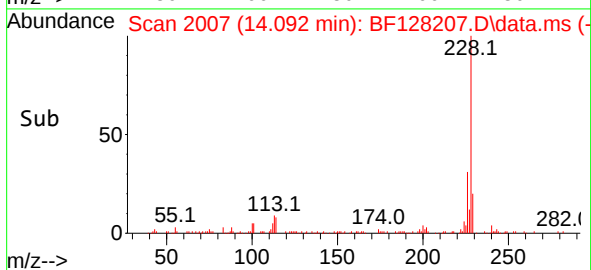
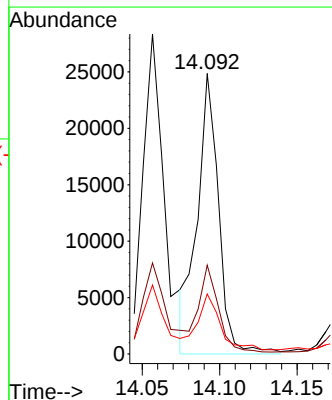
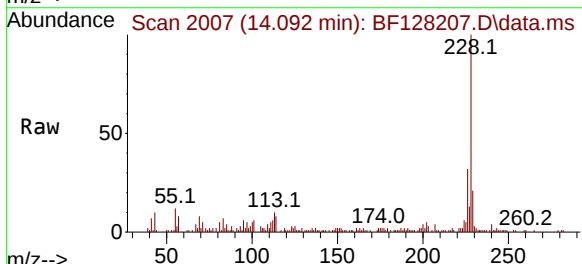
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

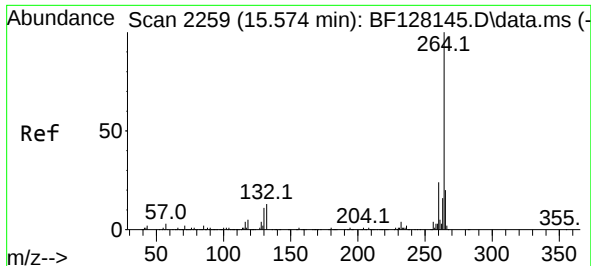
Tgt Ion:228 Resp: 27654
Ion Ratio Lower Upper
228 100
226 28.5 21.7 32.5
229 21.5 15.4 23.2



#83
Chrysene
Concen: 2.409 ng
RT: 14.092 min Scan# 2007
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion:228 Resp: 23858
Ion Ratio Lower Upper
228 100
226 31.6 24.4 36.6
229 21.4 15.8 23.8

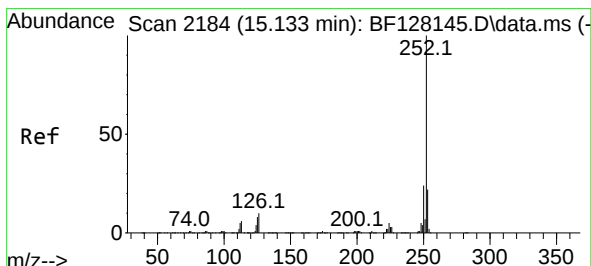
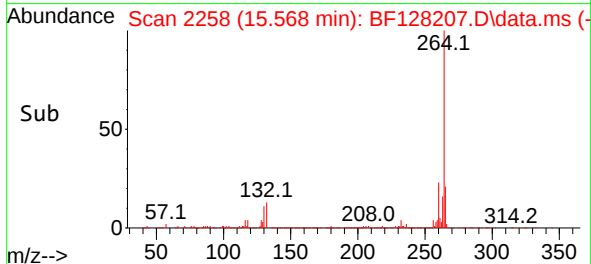
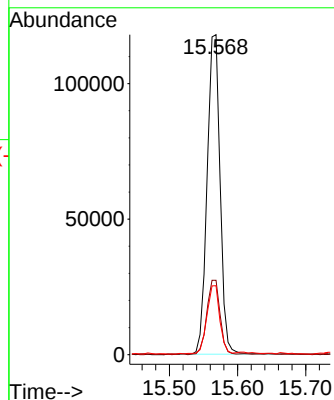
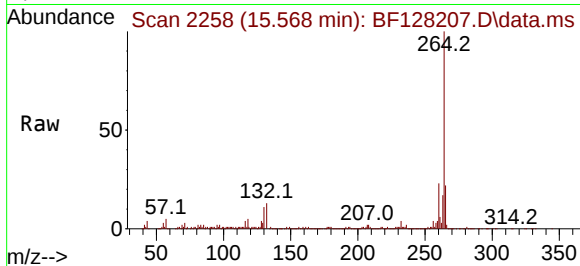




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

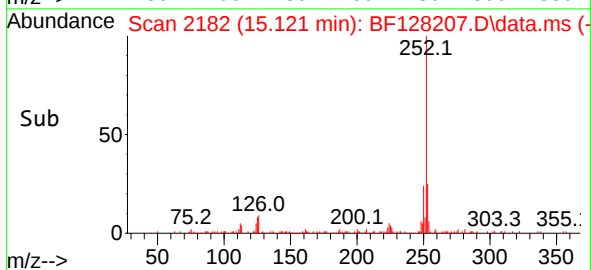
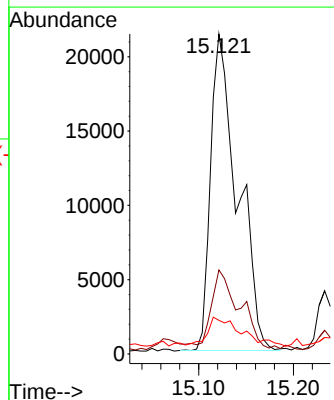
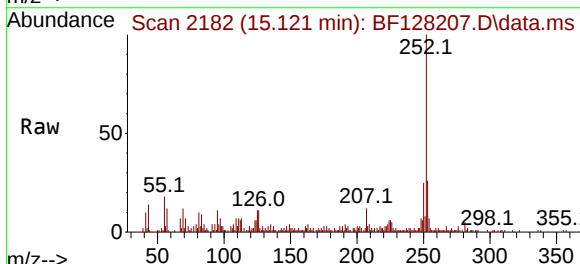
Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

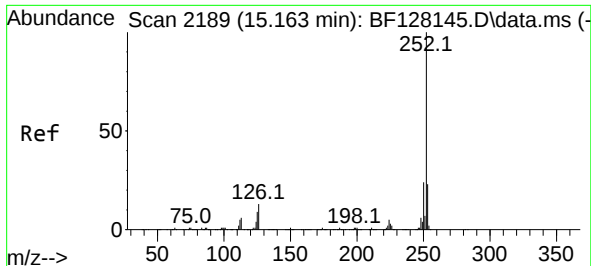
Tgt Ion:264 Resp: 156078
Ion Ratio Lower Upper
264 100
260 23.2 20.1 30.1
265 21.6 17.5 26.3



#88
Benzo(b)fluoranthene
Concen: 4.354 ng
RT: 15.121 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion:252 Resp: 42123
Ion Ratio Lower Upper
252 100
253 26.2 17.4 26.2#
125 10.5 7.4 11.2

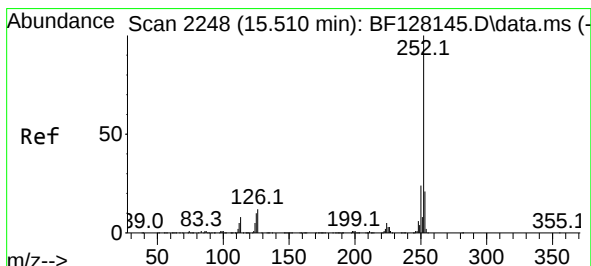
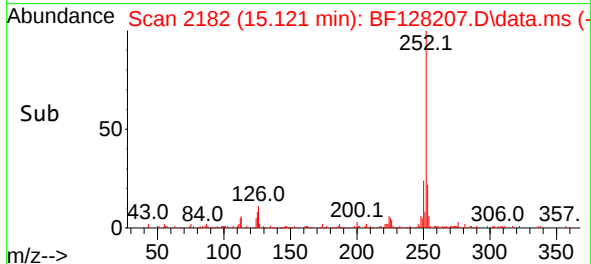
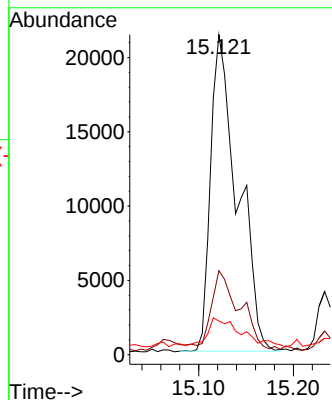
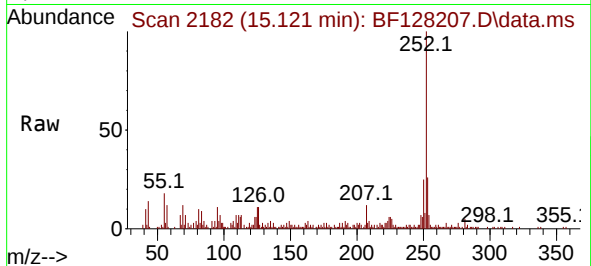




#89
Benzo(k)fluoranthene
Concen: 4.410 ng
RT: 15.121 min Scan# 2189
Delta R.T. -0.041 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Instrument :
BNA_F
ClientSampleId :
CF-280MER-10-15

Tgt Ion:252 Resp: 42123
Ion Ratio Lower Upper
252 100
253 26.2 17.0 25.4#
125 10.5 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 2.769 ng
RT: 15.498 min Scan# 2246
Delta R.T. -0.012 min
Lab File: BF128207.D
Acq: 11 May 2022 21:14

Tgt Ion:252 Resp: 21627
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.6
125 13.5 9.2 13.8

