

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128205.D
 Acq On : 11 May 2022 20:16
 Operator : CG\JU
 Sample : N2762-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB18

Quant Time: May 12 06:01:11 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)

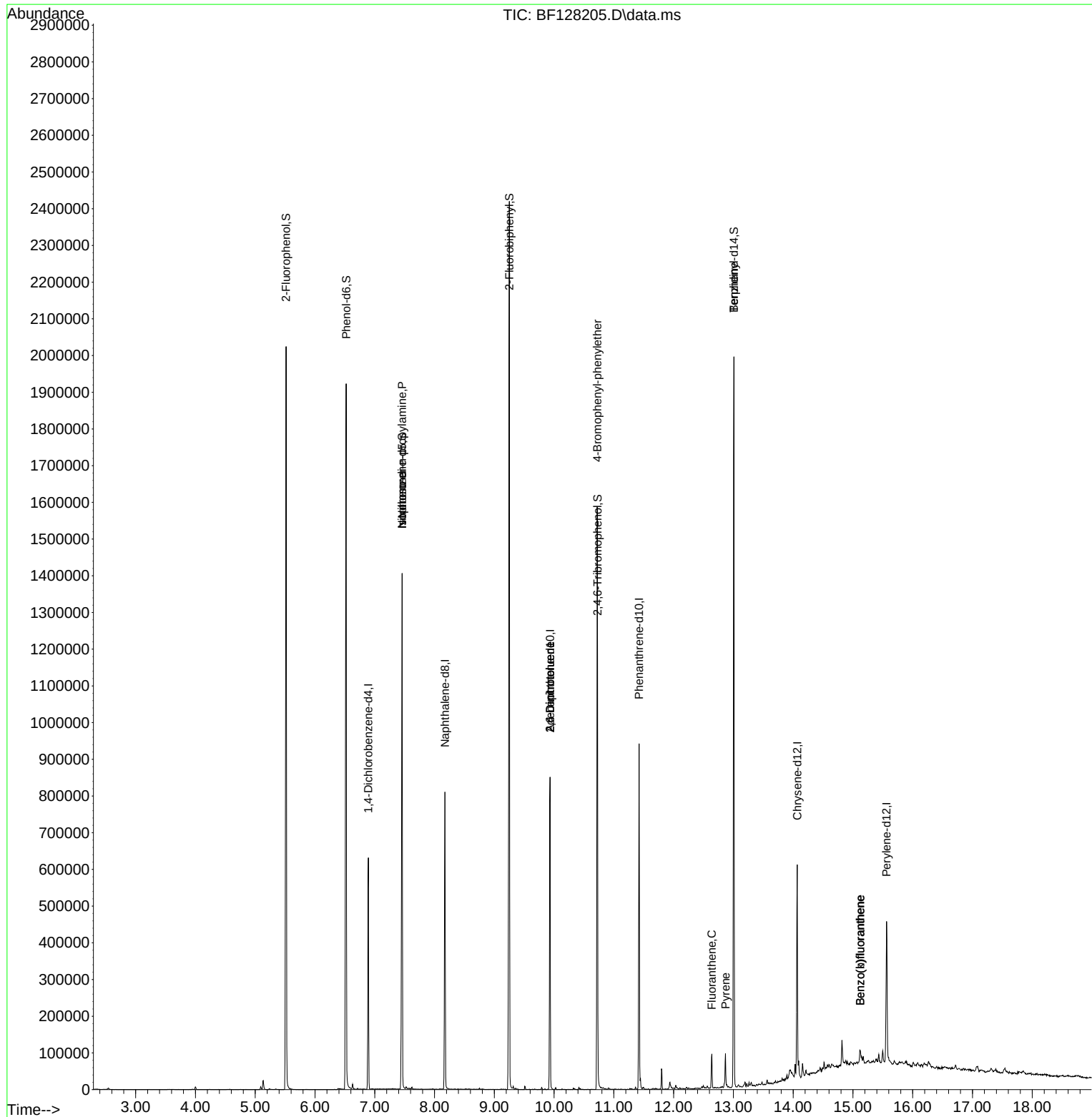
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	85348	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	329801	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	182148	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	314836	20.000	ng	0.00
76) Chrysene-d12	14.068	240	186734	20.000	ng	-0.01
86) Perylene-d12	15.562	264	173332	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	494434	92.351	ng	0.00
7) Phenol-d6	6.522	99	645718	91.186	ng	0.00
23) Nitrobenzene-d5	7.457	82	463920	63.295	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	186149	89.108	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	727834	62.523	ng	0.00
79) Terphenyl-d14	13.010	244	657057	66.025	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.463	77	57	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	63384	14.535	ng	# 78
25) Isophorone	7.457	82	462426	40.243	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	23053	8.941	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	23053	6.686	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	11268	3.327	ng	# 1
75) Fluoranthene	12.639	202	38250	2.251	ng	96
77) Benzidine	13.010	184	9507	2.351	ng	# 80
78) Pyrene	12.868	202	34969	2.583	ng	99
88) Benzo(b)fluoranthene	15.121	252	27246	2.536	ng	# 92
89) Benzo(k)fluoranthene	15.121	252	27246	2.569	ng	# 90

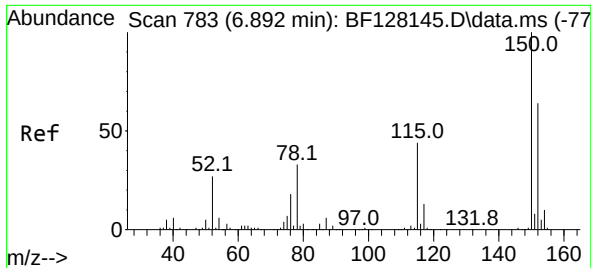
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
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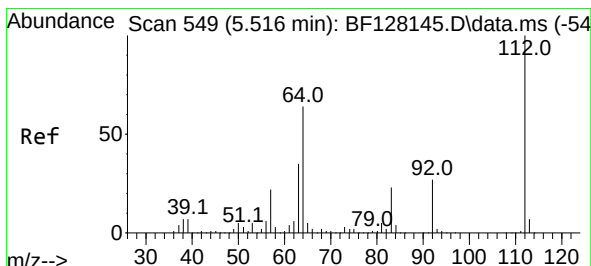
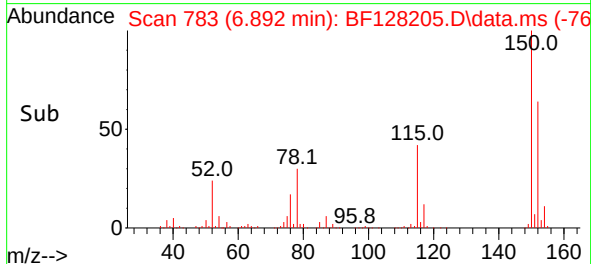
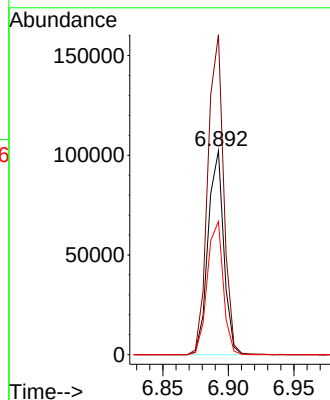
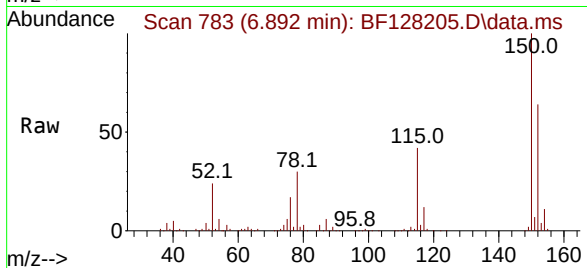




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

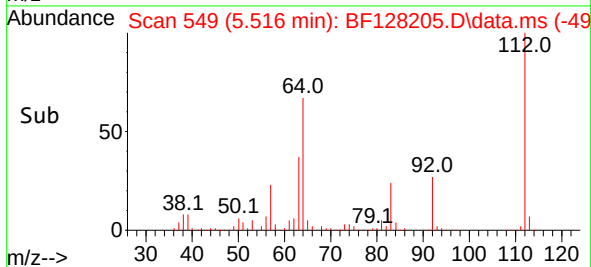
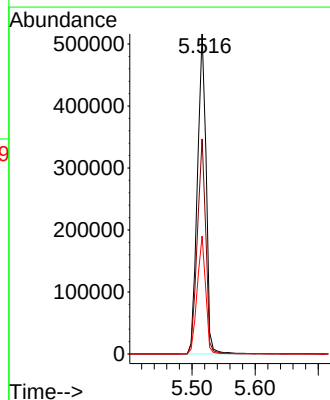
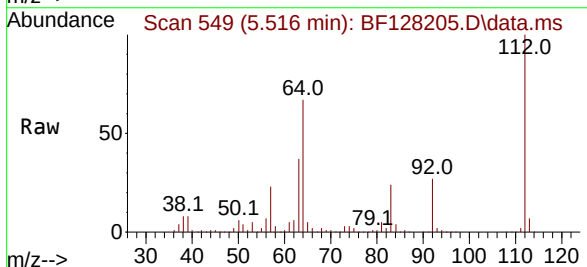
Instrument :
BNA_F
ClientSampleId :
SB18

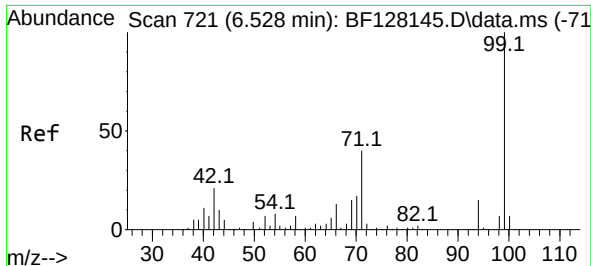
Tgt Ion:152 Resp: 85348
Ion Ratio Lower Upper
152 100
150 156.9 125.3 187.9
115 65.4 48.8 73.2



#5
2-Fluorophenol
Concen: 92.351 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

Tgt Ion:112 Resp: 494434
Ion Ratio Lower Upper
112 100
64 67.2 49.5 74.3
63 36.8 26.3 39.5

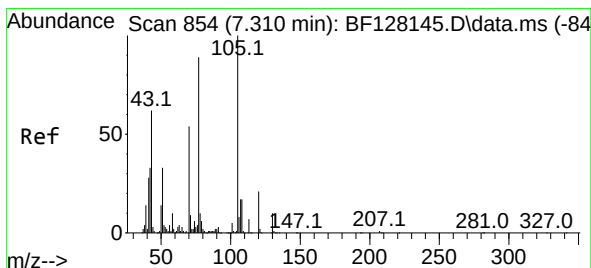
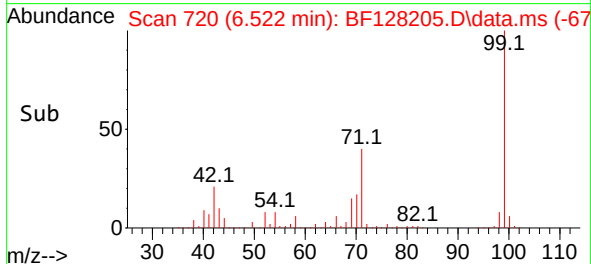
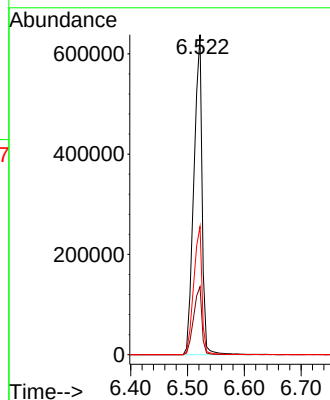
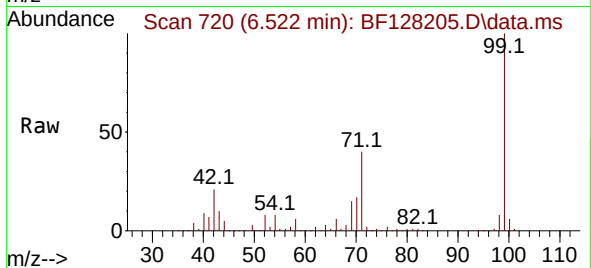




#7
Phenol-d6
Concen: 91.186 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

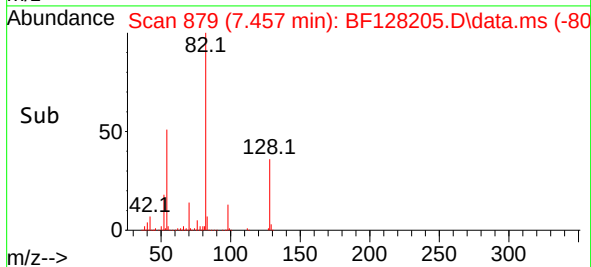
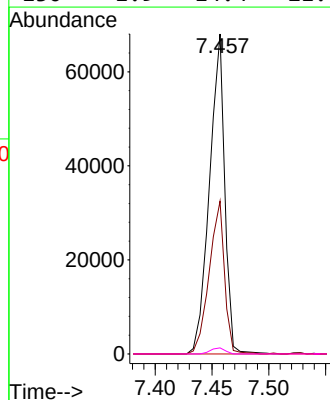
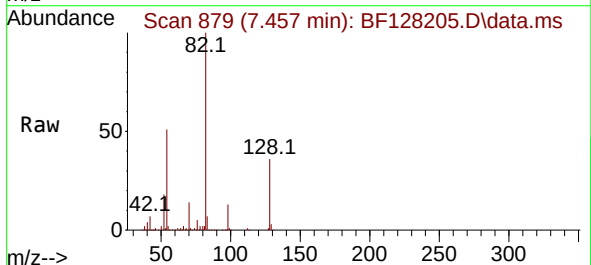
Instrument :
BNA_F
ClientSampleId :
SB18

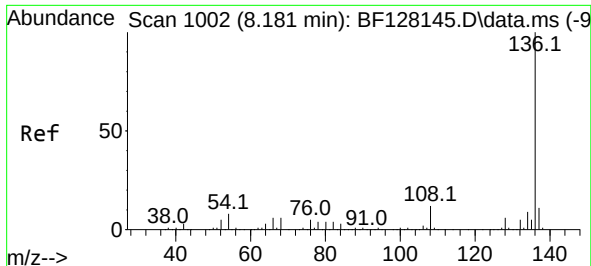
Tgt Ion: 99 Resp: 645718
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 40.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.535 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

Tgt Ion: 70 Resp: 63384
Ion Ratio Lower Upper
70 100
42 47.7 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#



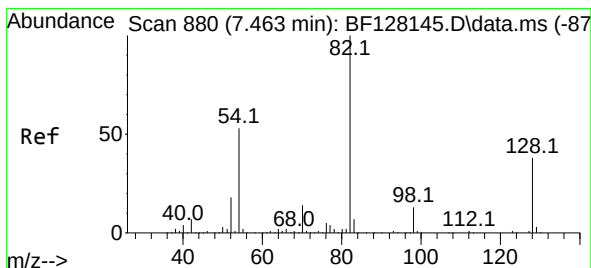
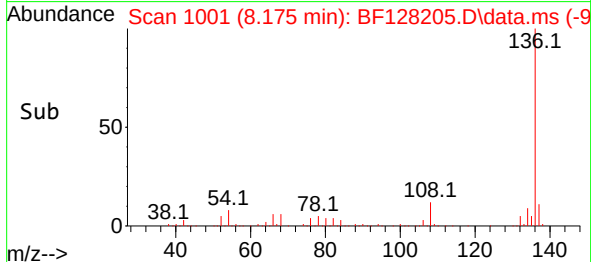
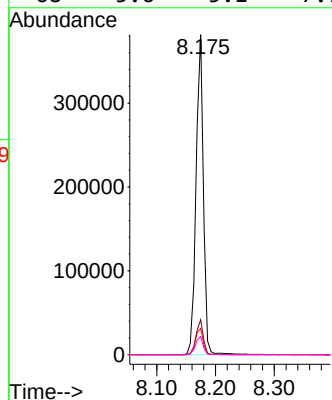
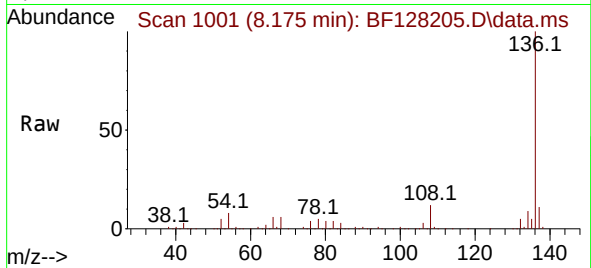


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:136 Resp: 329801

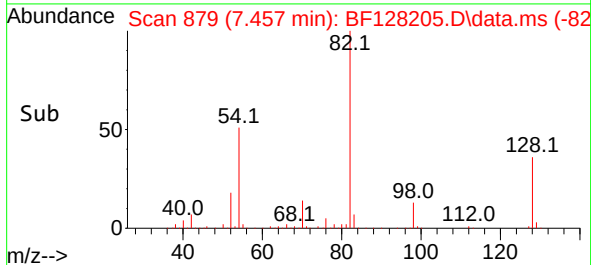
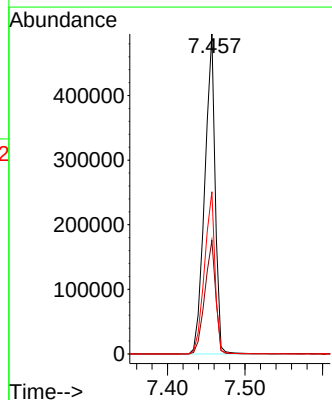
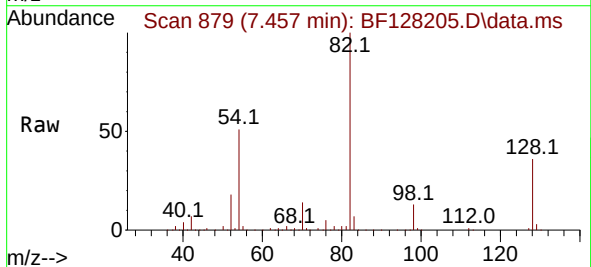
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.2	6.8	10.2
68	5.6	5.1	7.7

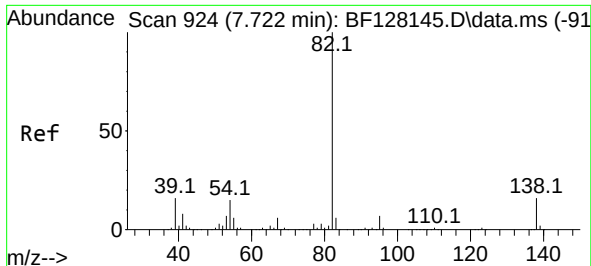


#23
Nitrobenzene-d5
Concen: 63.295 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

Tgt Ion: 82 Resp: 463920

Ion	Ratio	Lower	Upper
82	100		
128	35.5	30.0	45.0
54	50.7	41.3	61.9

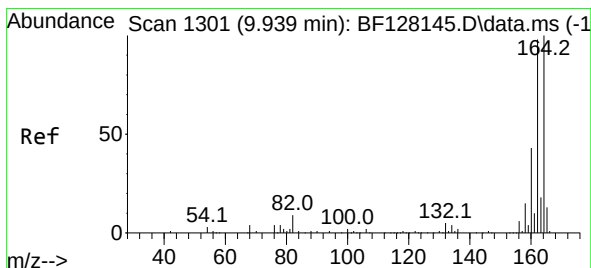
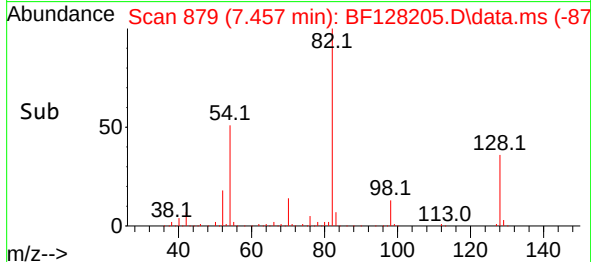
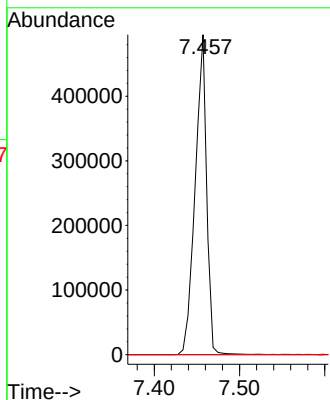
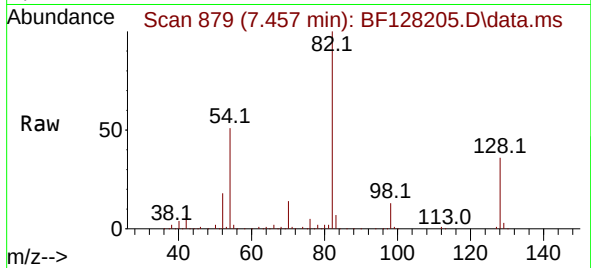




#25
Isophorone
Concen: 40.243 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

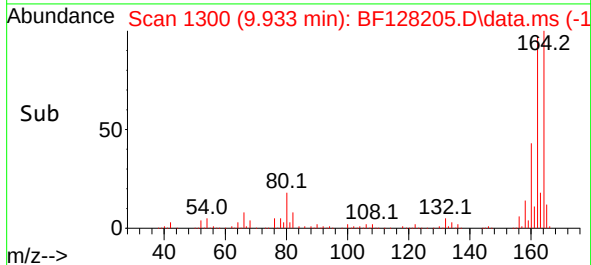
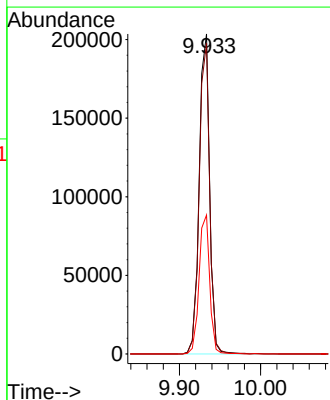
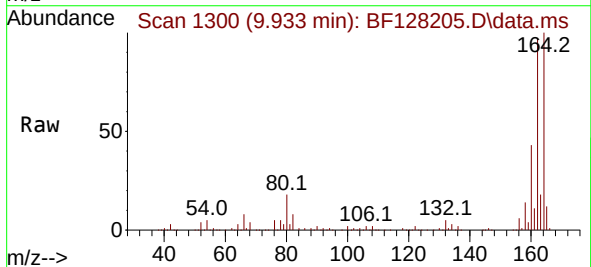
Instrument :
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ClientSampleId :
SB18

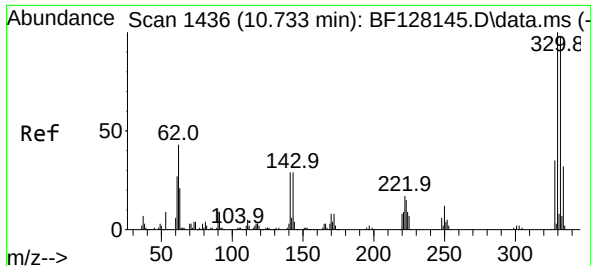
Tgt Ion: 82 Resp: 462426
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

Tgt Ion:164 Resp: 182148
Ion Ratio Lower Upper
164 100
162 97.1 76.0 114.0
160 43.4 34.8 52.2

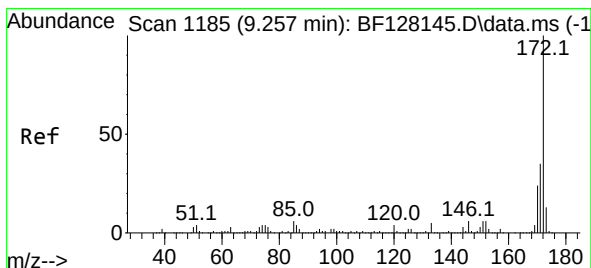
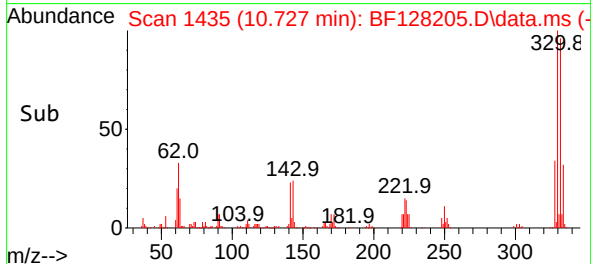
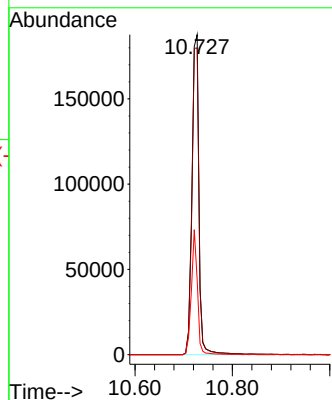
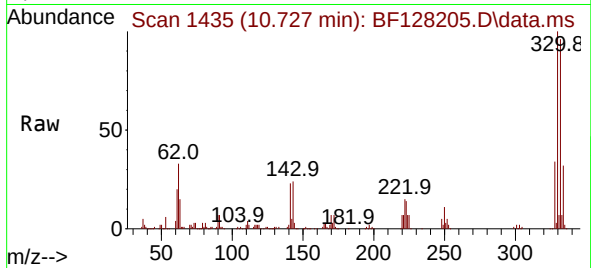




#42
2,4,6-Tribromophenol
Concen: 89.108 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

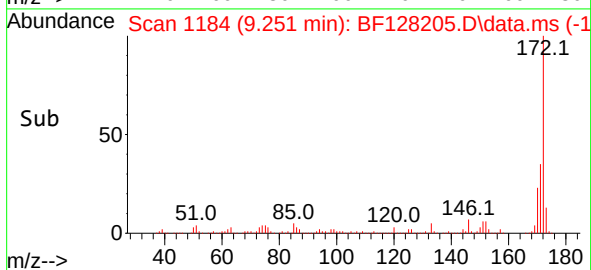
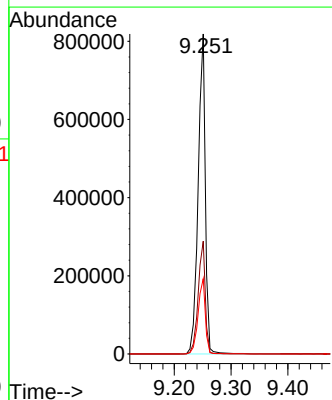
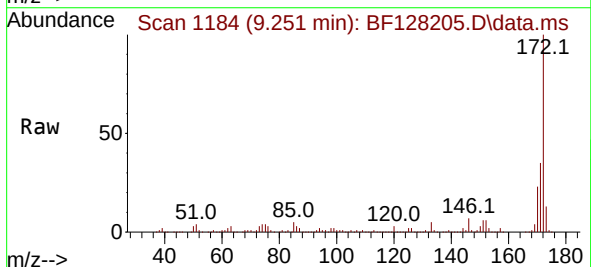
Instrument :
BNA_F
ClientSampleId :
SB18

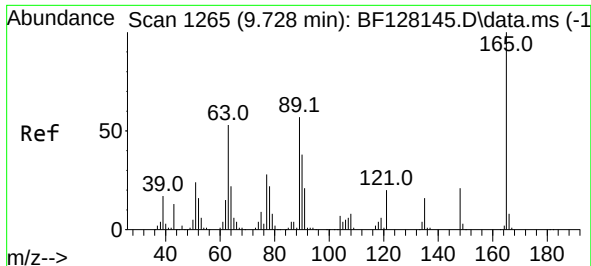
Tgt Ion:330 Resp: 186149
Ion Ratio Lower Upper
330 100
332 96.4 79.0 118.4
141 34.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 62.523 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

Tgt Ion:172 Resp: 727834
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.5 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.941 ng

RT: 9.933 min Scan# 1300

Delta R.T. 0.206 min

Lab File: BF128205.D

Acq: 11 May 2022 20:16

Instrument :

BNA_F

ClientSampleId :

SB18

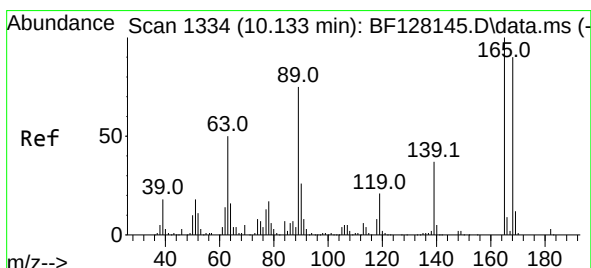
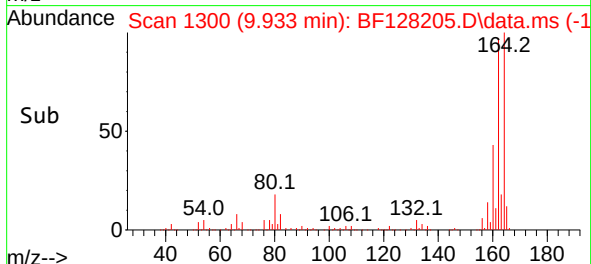
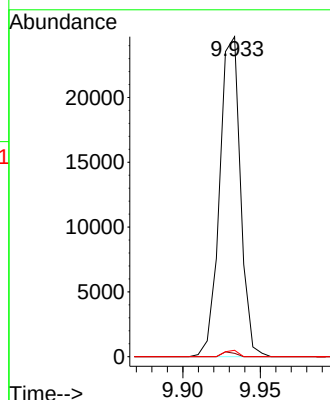
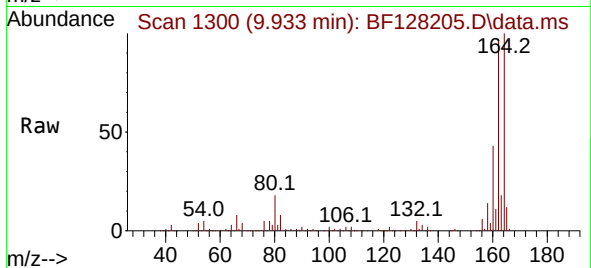
Tgt Ion:165 Resp: 23053

Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 2.0 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.686 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.200 min

Lab File: BF128205.D

Acq: 11 May 2022 20:16

Tgt Ion:165 Resp: 23053

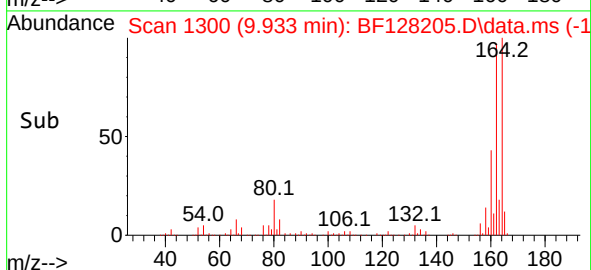
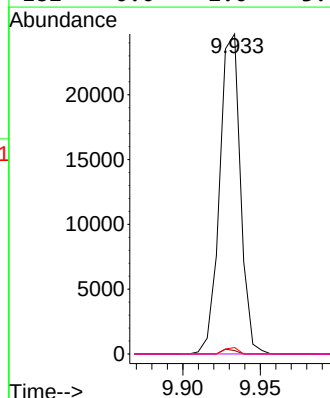
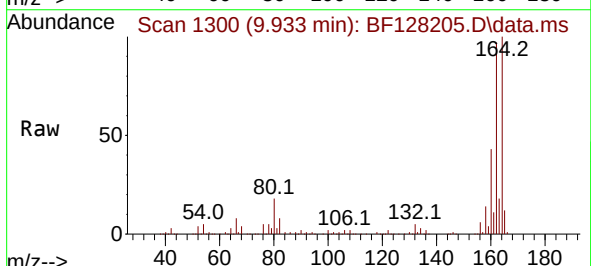
Ion Ratio Lower Upper

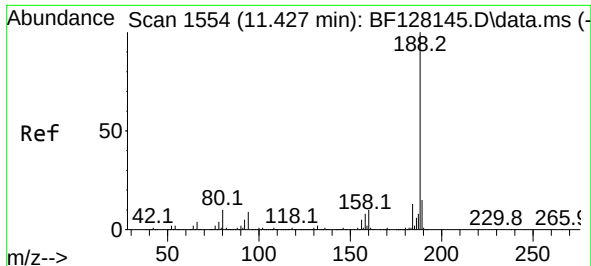
165 100

63 1.1 32.6 49.0#

89 2.0 55.2 82.8#

182 0.0 2.0 3.0#

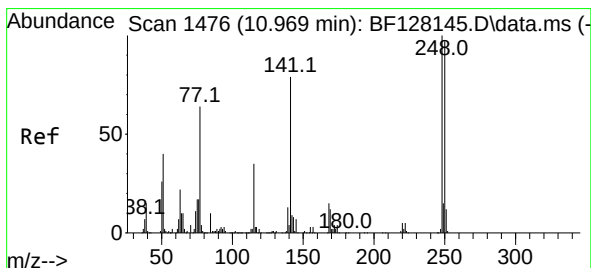
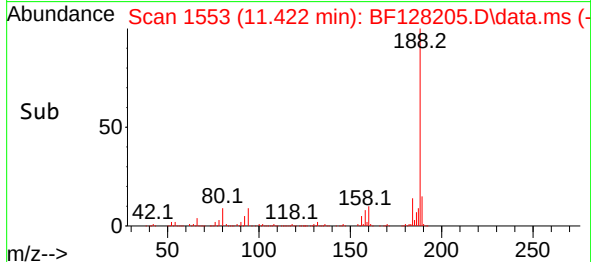
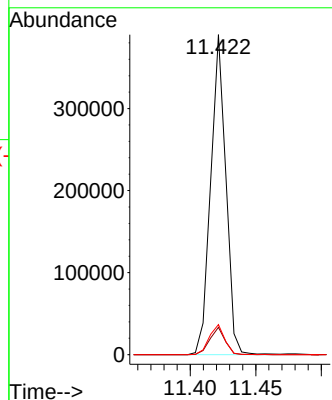
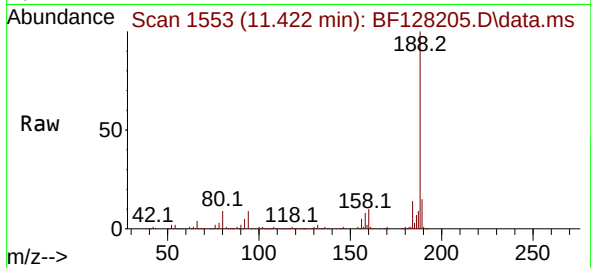




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

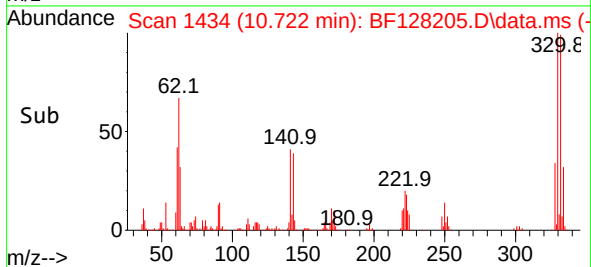
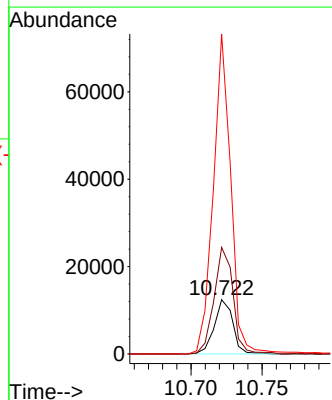
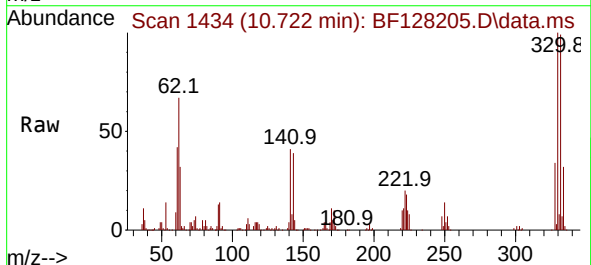
Instrument :
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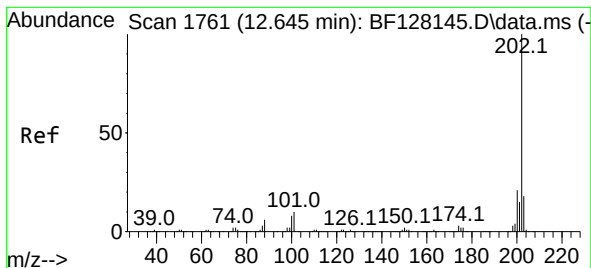
Tgt Ion:188 Resp: 314836
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 9.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.327 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

Tgt Ion:248 Resp: 11268
Ion Ratio Lower Upper
248 100
250 196.6 77.7 116.5#
141 589.9 65.6 98.4#





#75

Fluoranthene

Concen: 2.251 ng

RT: 12.639 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128205.D

Acq: 11 May 2022 20:16

Instrument :

BNA_F

ClientSampleId :

SB18

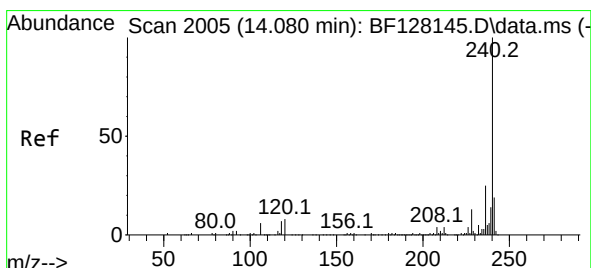
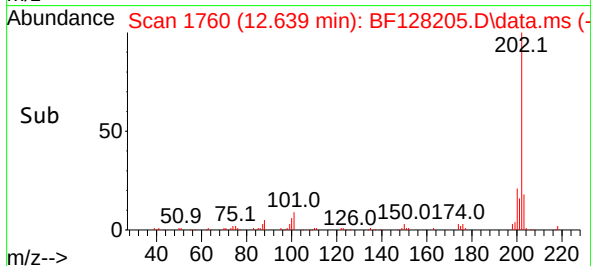
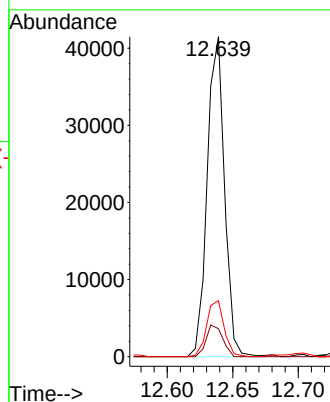
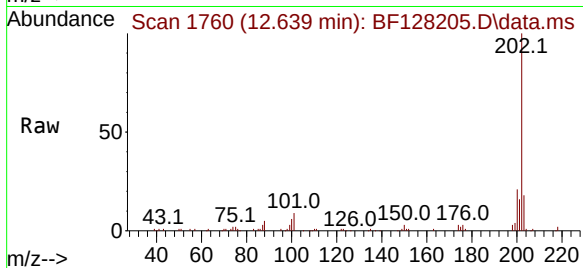
Tgt Ion:202 Resp: 38250

Ion Ratio Lower Upper

202 100

101 8.8 0.0 31.6

203 17.5 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2003

Delta R.T. -0.012 min

Lab File: BF128205.D

Acq: 11 May 2022 20:16

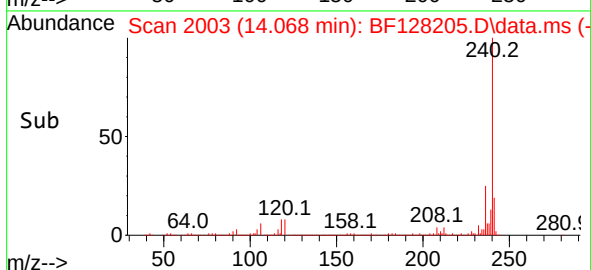
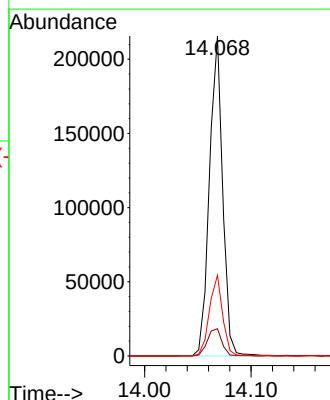
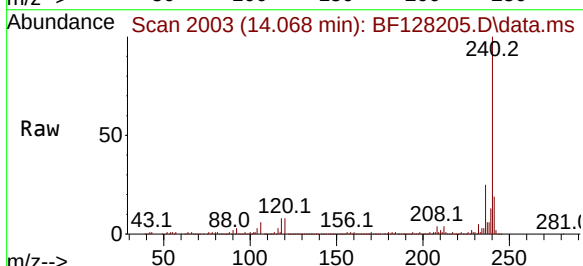
Tgt Ion:240 Resp: 186734

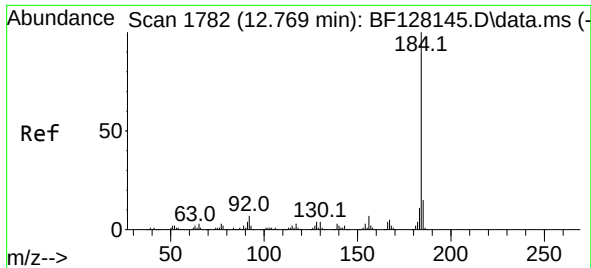
Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

236 25.2 20.3 30.5

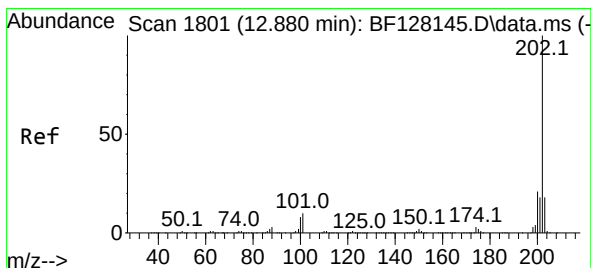
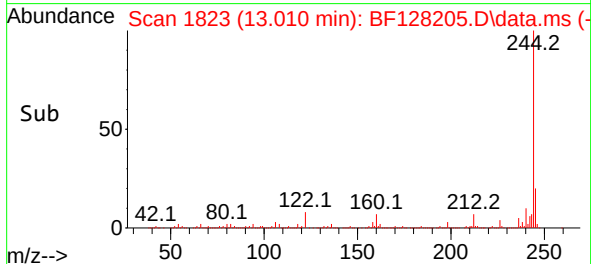
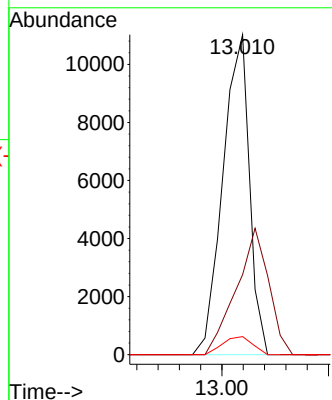
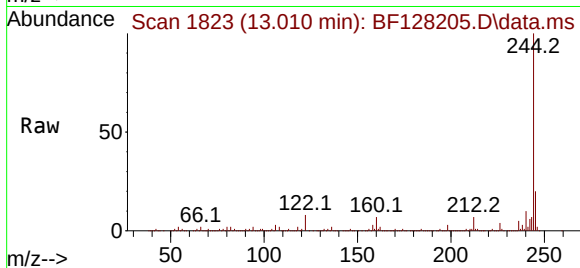




#77
Benzidine
Concen: 2.351 ng
RT: 13.010 min Scan# 1799
Delta R.T. 0.241 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

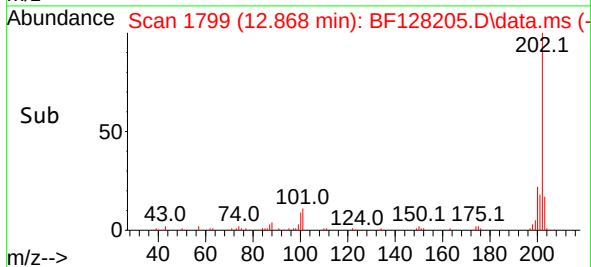
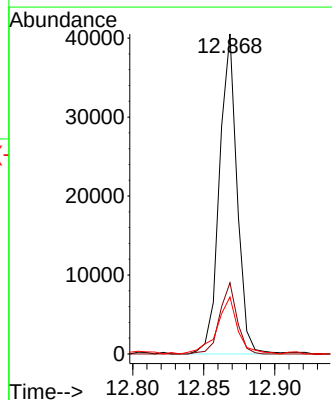
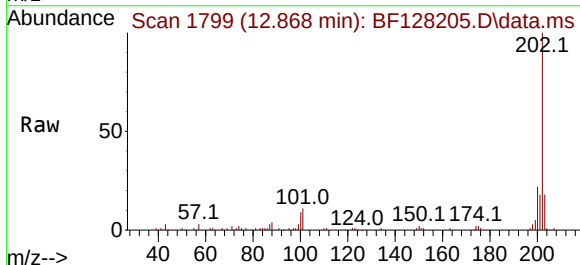
Instrument :
BNA_F
ClientSampleId :
SB18

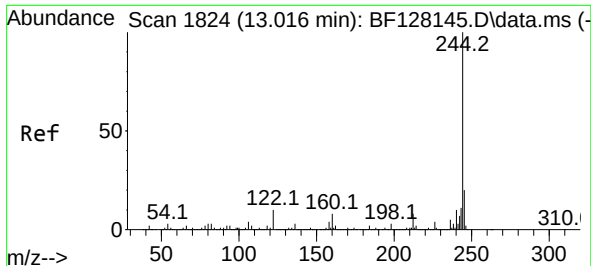
Tgt Ion:184 Resp: 9507
Ion Ratio Lower Upper
184 100
185 25.0 12.1 18.1#
183 5.7 9.0 13.4#



#78
Pyrene
Concen: 2.583 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.012 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

Tgt Ion:202 Resp: 34969
Ion Ratio Lower Upper
202 100
200 22.3 17.4 26.2
203 17.8 14.0 21.0

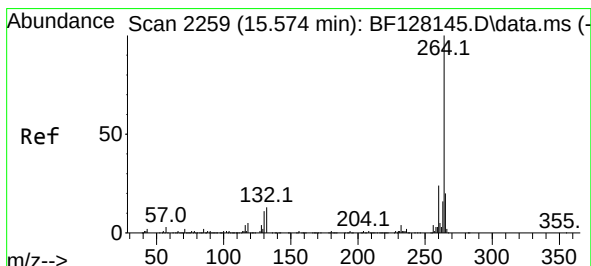
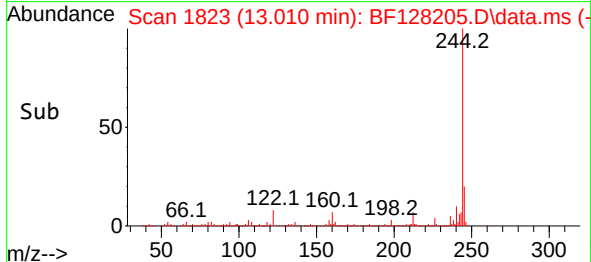
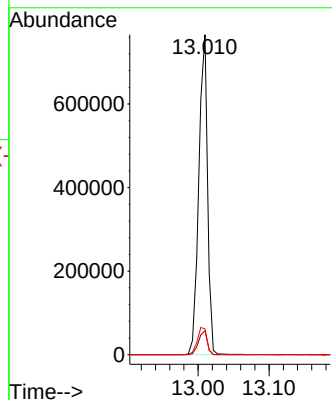
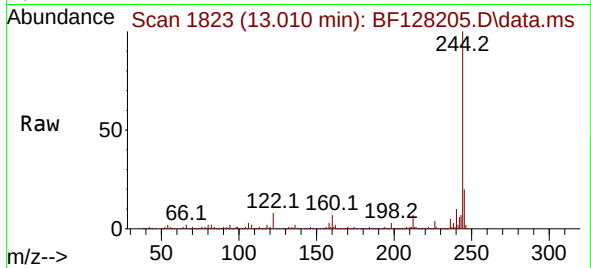




#79
 Terphenyl-d14
 Concen: 66.025 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128205.D
 Acq: 11 May 2022 20:16

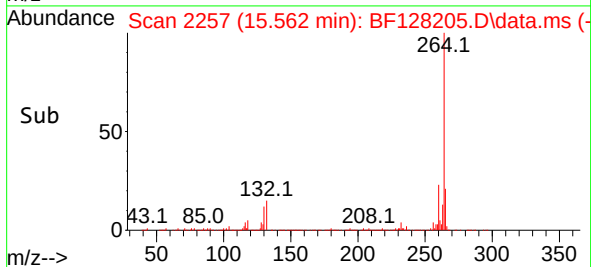
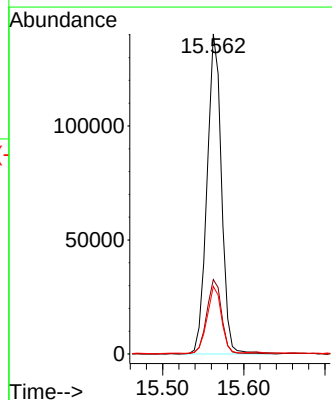
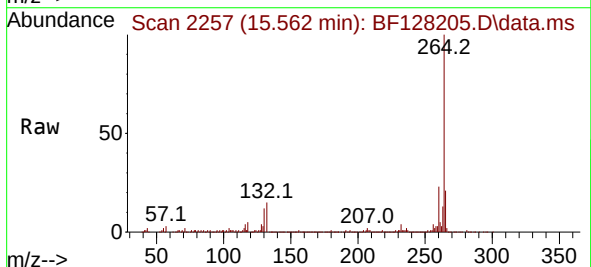
Instrument :
 BNA_F
 ClientSampleId :
 SB18

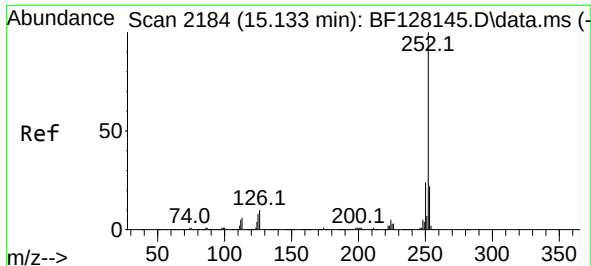
Tgt Ion:244 Resp: 657057
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 8.0 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128205.D
 Acq: 11 May 2022 20:16

Tgt Ion:264 Resp: 173332
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.1 30.1
 265 21.1 17.5 26.3

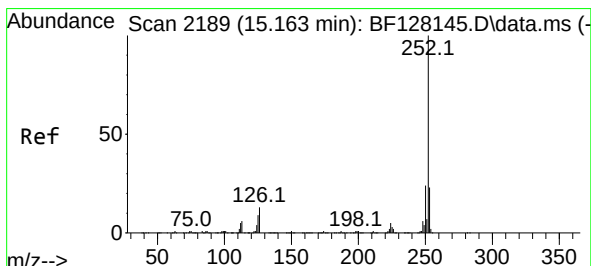
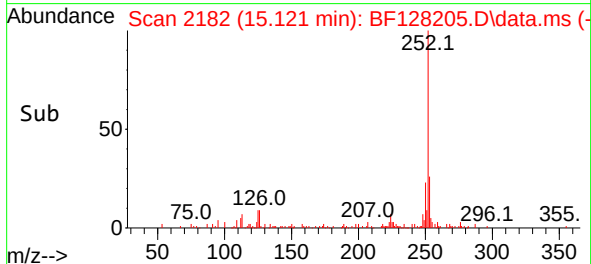
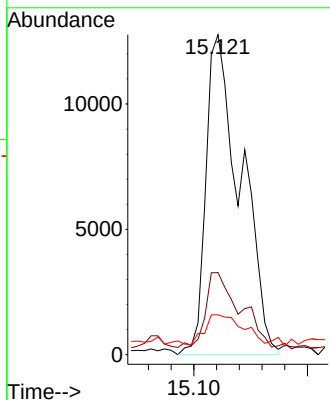
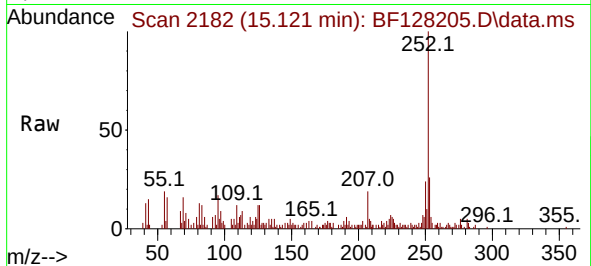




#88
Benzo(b)fluoranthene
Concen: 2.536 ng
RT: 15.121 min Scan# 2184
Delta R.T. -0.012 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

Instrument :
BNA_F
ClientSampleId :
SB18

Tgt Ion:252 Resp: 27246
Ion Ratio Lower Upper
252 100
253 25.7 17.4 26.2
125 12.5 7.4 11.2#



#89
Benzo(k)fluoranthene
Concen: 2.569 ng
RT: 15.121 min Scan# 2182
Delta R.T. -0.041 min
Lab File: BF128205.D
Acq: 11 May 2022 20:16

Tgt Ion:252 Resp: 27246
Ion Ratio Lower Upper
252 100
253 25.7 17.0 25.4#
125 12.5 6.8 10.2#

