

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128200.D
 Acq On : 11 May 2022 17:50
 Operator : CG\JU
 Sample : N2762-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB05

Quant Time: May 12 06:00:39 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)

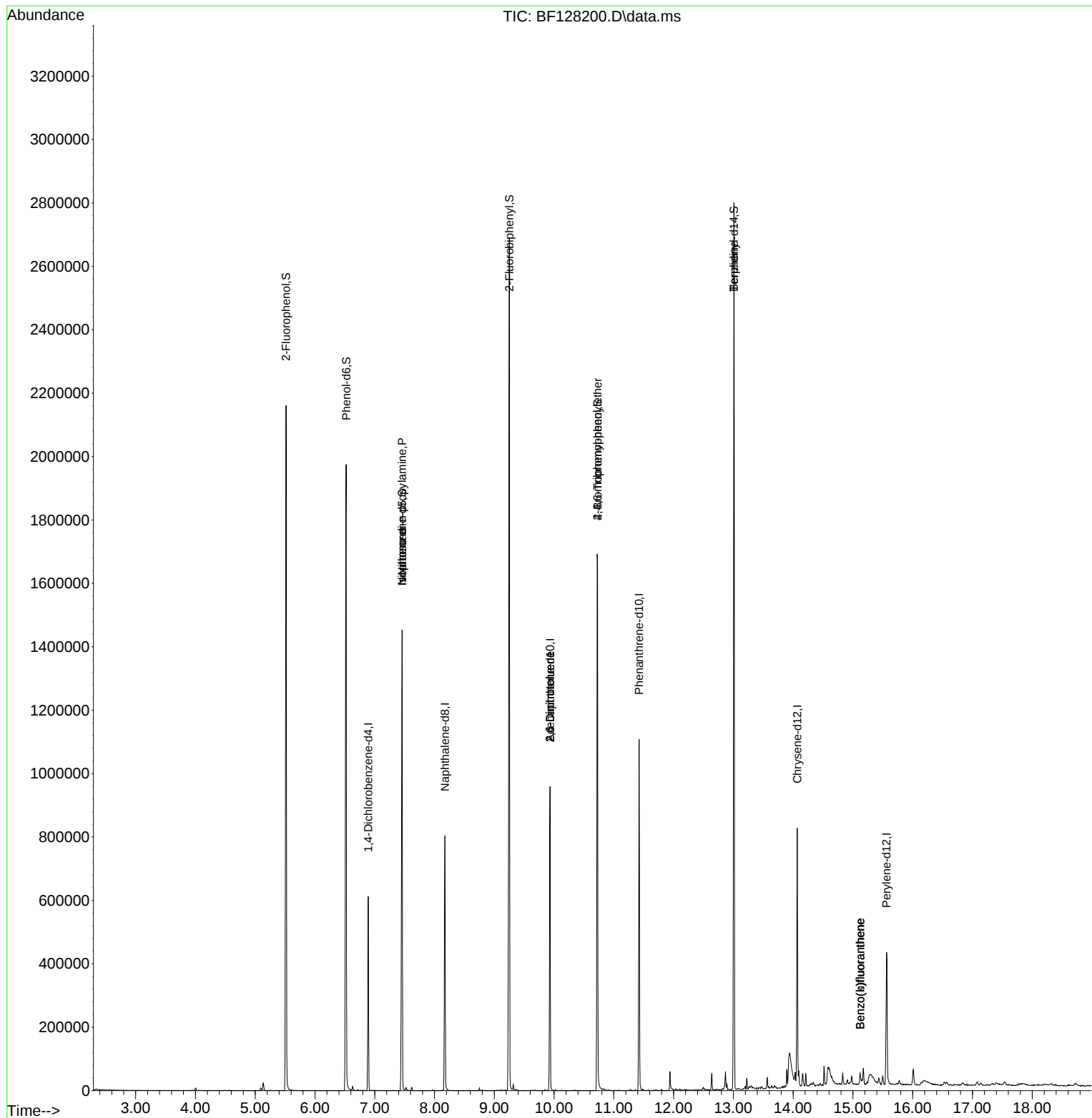
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	90264	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	354535	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	205851	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	383171	20.000	ng	0.00
76) Chrysene-d12	14.068	240	258381	20.000	ng	-0.01
86) Perylene-d12	15.562	264	188624	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	525369	92.784	ng	0.00
7) Phenol-d6	6.522	99	709062	94.678	ng	0.00
23) Nitrobenzene-d5	7.457	82	506639	64.301	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	223649	94.732	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	839591	63.818	ng	0.00
79) Terphenyl-d14	13.010	244	963377	69.962	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	77	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	68527	14.858	ng	# 79
25) Isophorone	7.457	82	503963	40.798	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	26792	9.194	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	26792	6.876	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	12971	3.146	ng	# 1
77) Benzidine	13.010	184	13826	2.471	ng	# 93
88) Benzo(b)fluoranthene	15.121	252	23737	2.030	ng	96
89) Benzo(k)fluoranthene	15.121	252	23737	2.057	ng	# 94

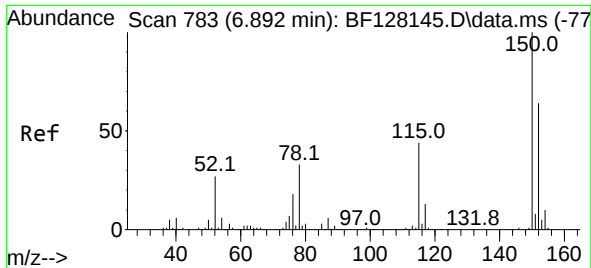
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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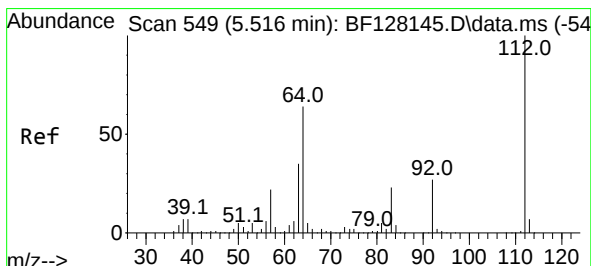
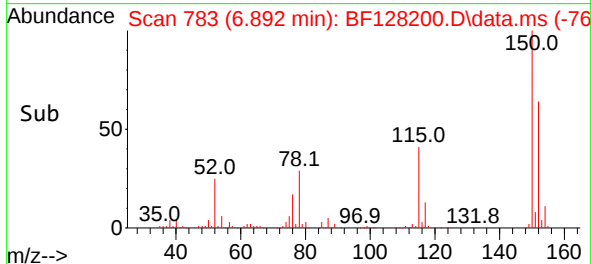
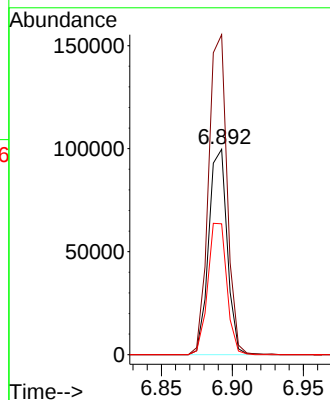
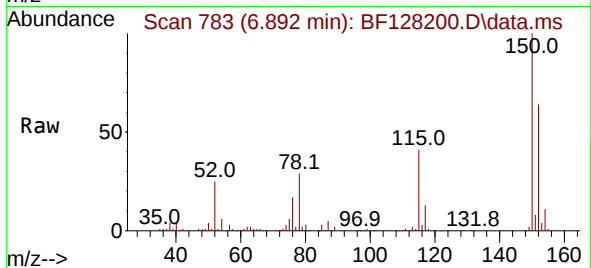




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

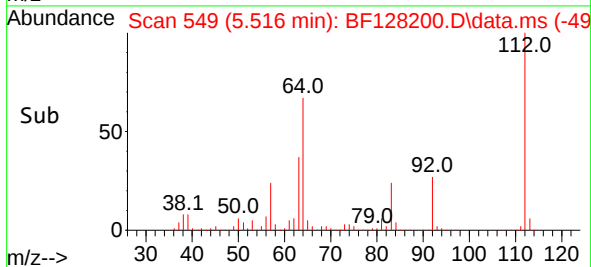
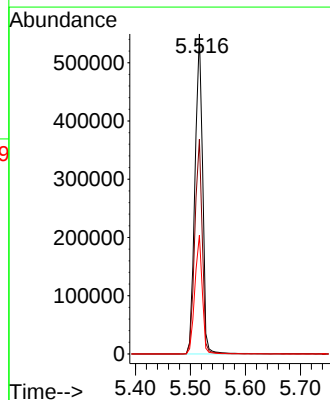
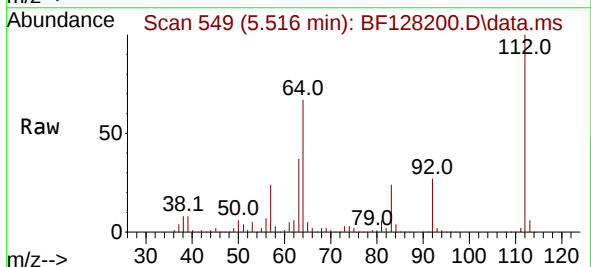
Instrument :
BNA_F
ClientSampleId :
SB05

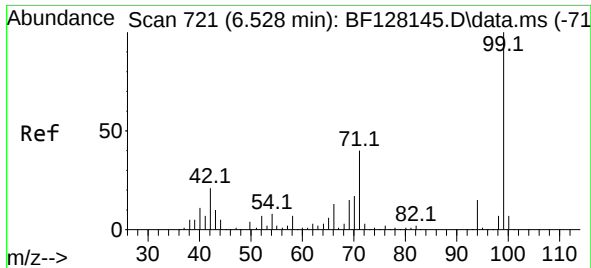
Tgt Ion:152 Resp: 90264
Ion Ratio Lower Upper
152 100
150 155.7 125.3 187.9
115 63.7 48.8 73.2



#5
2-Fluorophenol
Concen: 92.784 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

Tgt Ion:112 Resp: 525369
Ion Ratio Lower Upper
112 100
64 67.1 49.5 74.3
63 37.1 26.3 39.5

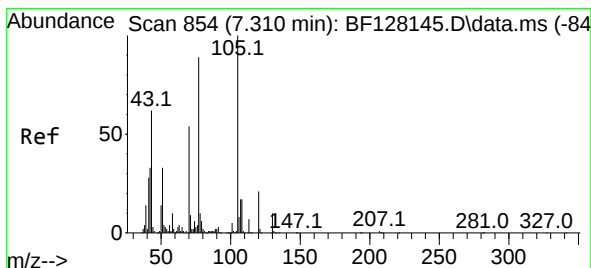
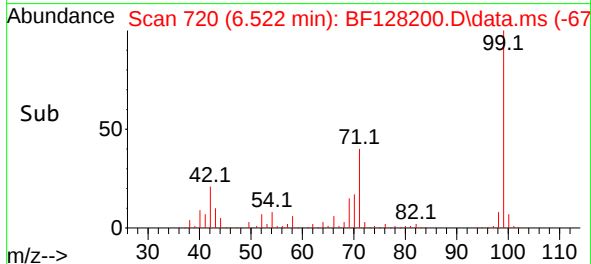
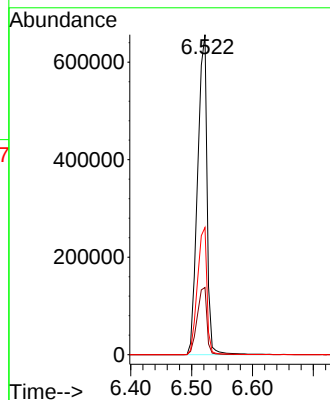
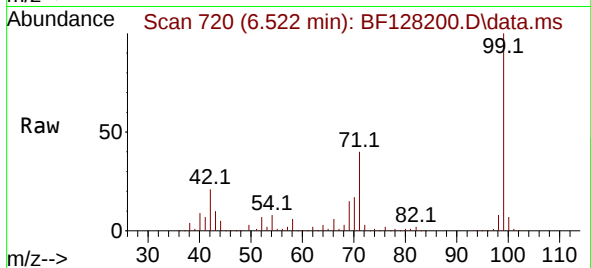




#7
Phenol-d6
Concen: 94.678 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

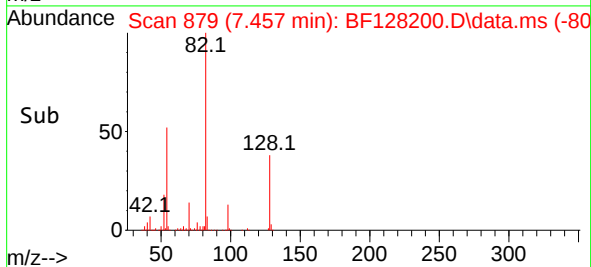
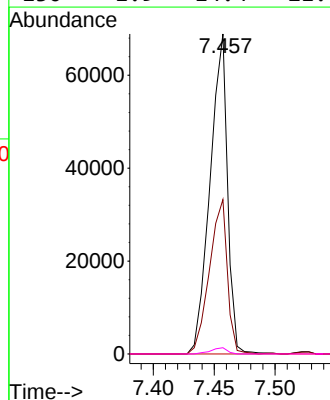
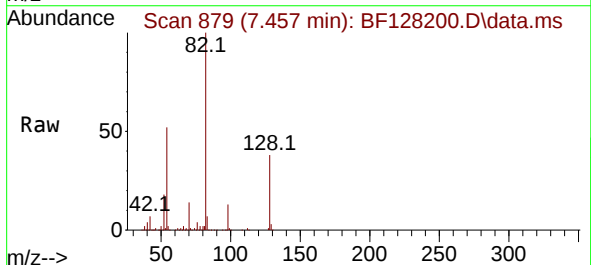
Instrument :
BNA_F
ClientSampleId :
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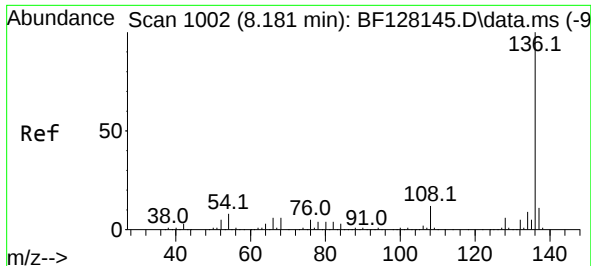
Tgt Ion: 99 Resp: 709062
Ion Ratio Lower Upper
99 100
42 21.0 16.6 24.8
71 39.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.858 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

Tgt Ion: 70 Resp: 68527
Ion Ratio Lower Upper
70 100
42 48.3 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#

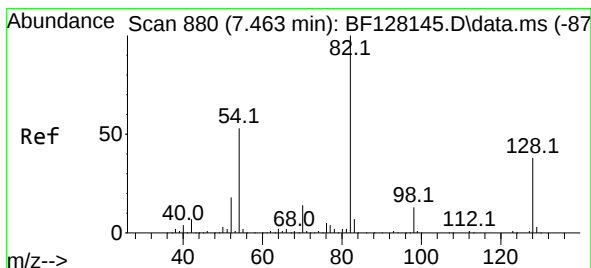
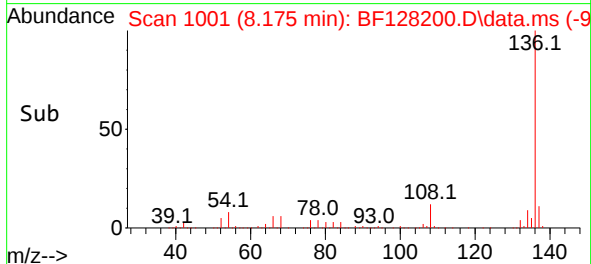
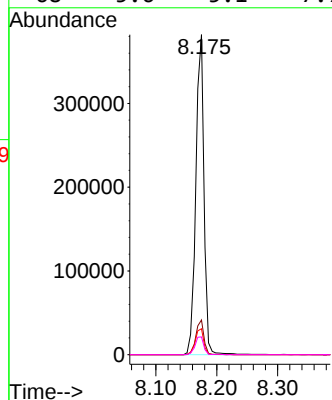
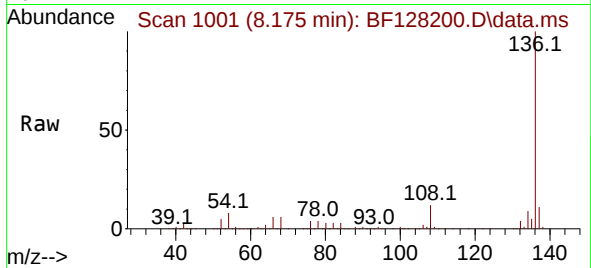




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

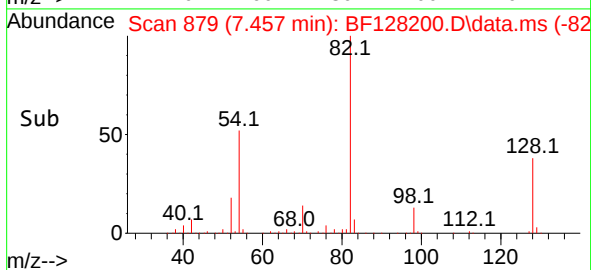
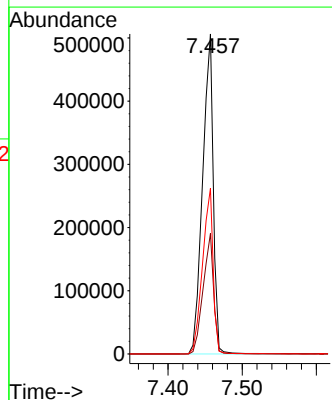
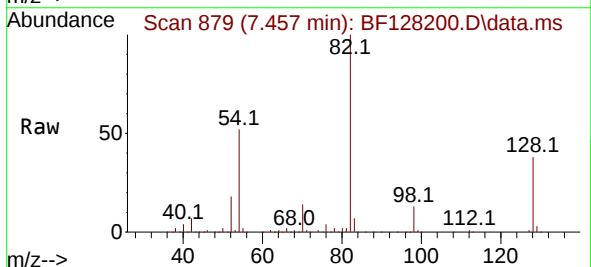
Instrument :
BNA_F
ClientSampleId :
SB05

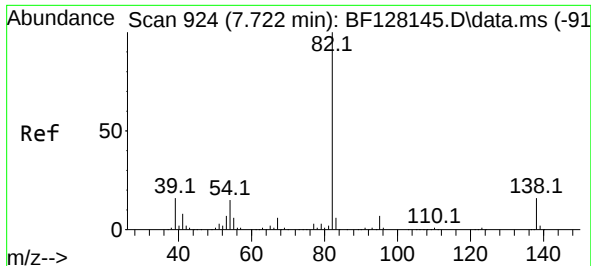
Tgt Ion:136 Resp: 354535
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 6.8 10.2
68 5.6 5.1 7.7



#23
Nitrobenzene-d5
Concen: 64.301 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

Tgt Ion: 82 Resp: 506639
Ion Ratio Lower Upper
82 100
128 37.6 30.0 45.0
54 51.8 41.3 61.9

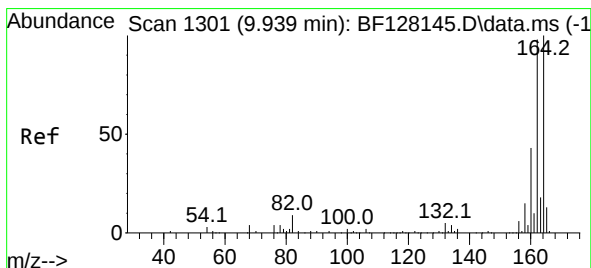
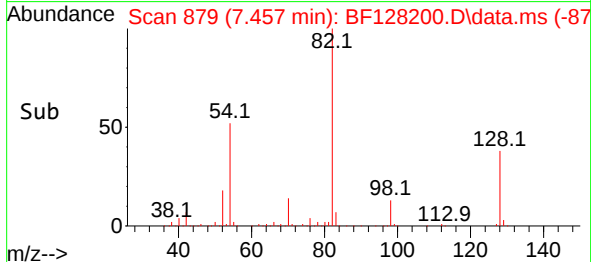
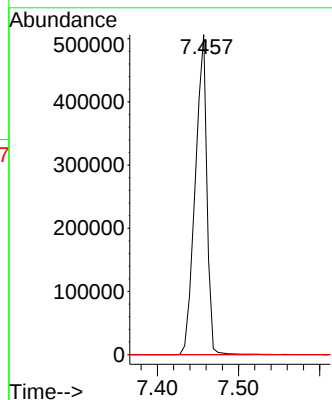
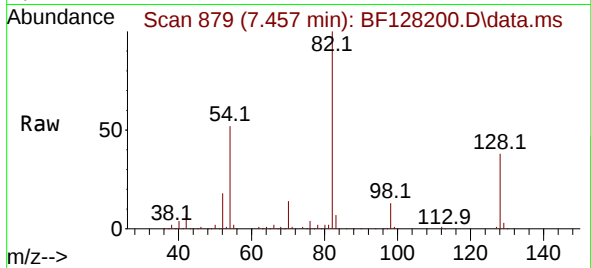




#25
Isophorone
Concen: 40.798 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

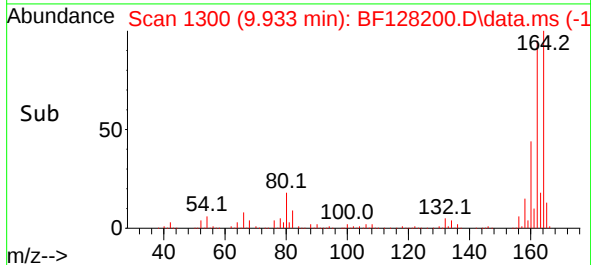
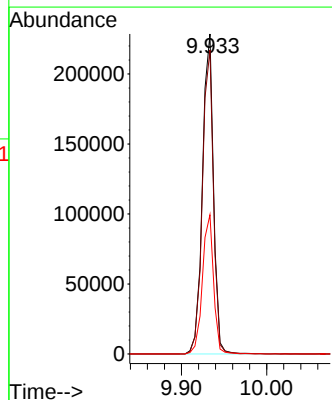
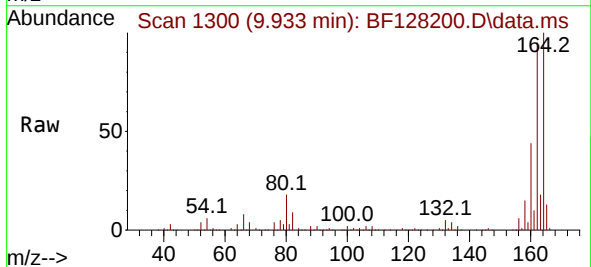
Instrument :
BNA_F
ClientSampleId :
SB05

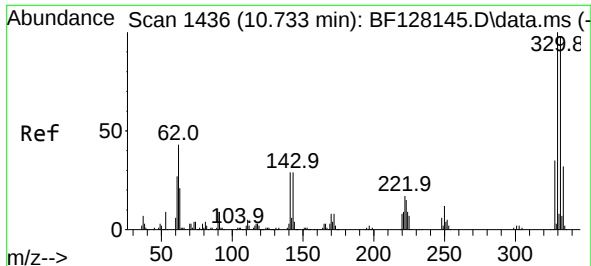
Tgt Ion: 82 Resp: 503963
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

Tgt Ion:164 Resp: 205851
Ion Ratio Lower Upper
164 100
162 95.0 76.0 114.0
160 43.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 94.732 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128200.D

Acq: 11 May 2022 17:50

Instrument :

BNA_F

ClientSampleId :

SB05

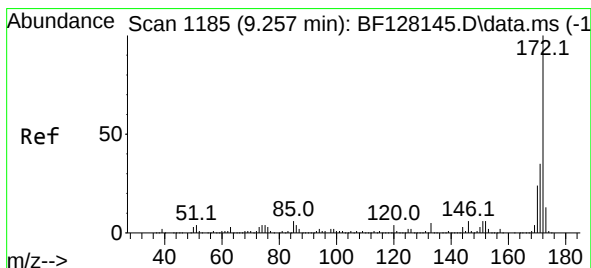
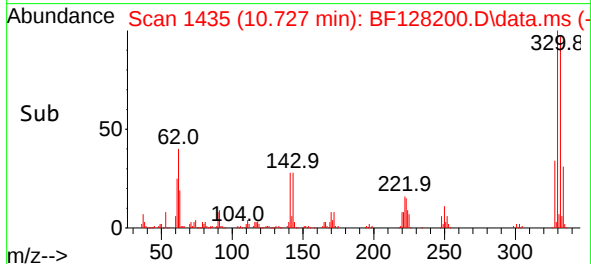
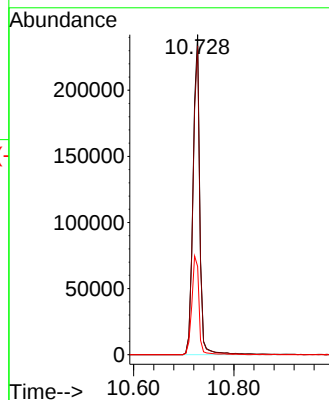
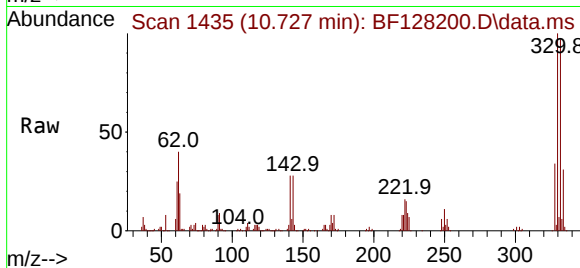
Tgt Ion:330 Resp: 223649

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

141 33.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 63.818 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128200.D

Acq: 11 May 2022 17:50

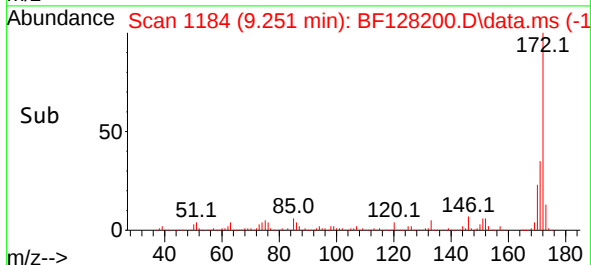
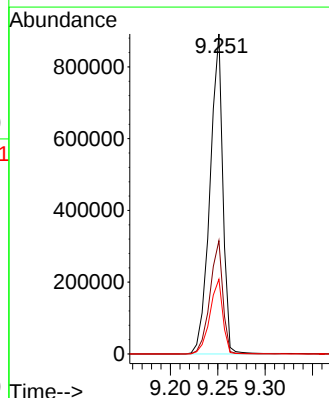
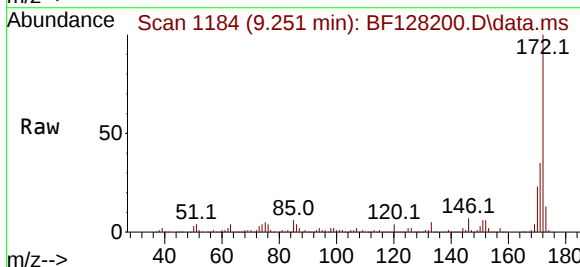
Tgt Ion:172 Resp: 839591

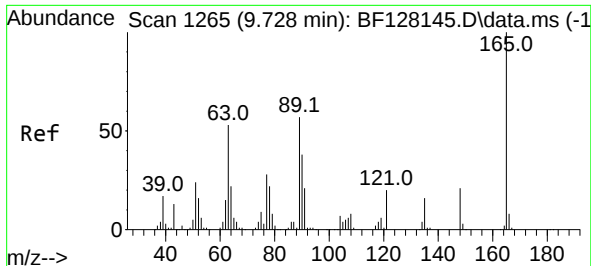
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.3 19.1 28.7

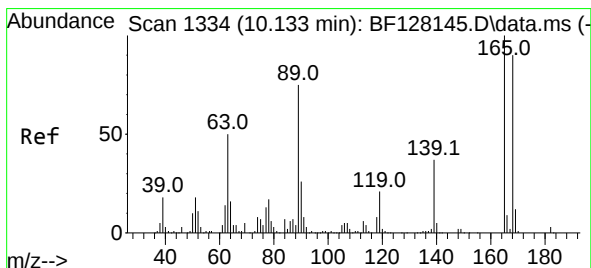
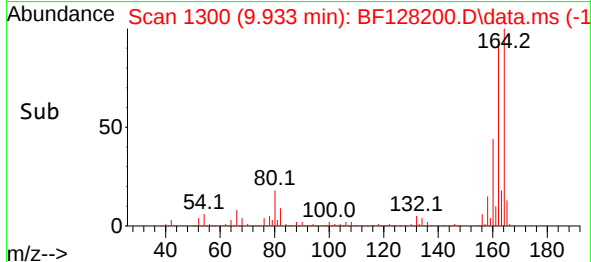
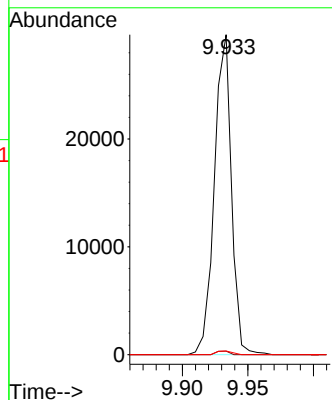
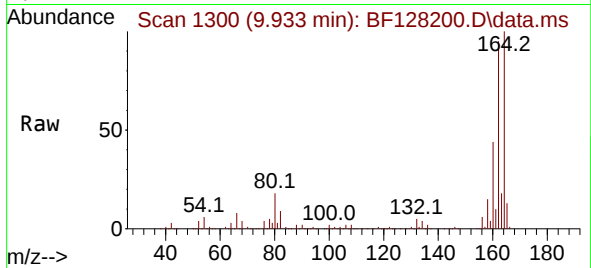




#51
2,6-Dinitrotoluene
Concen: 9.194 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

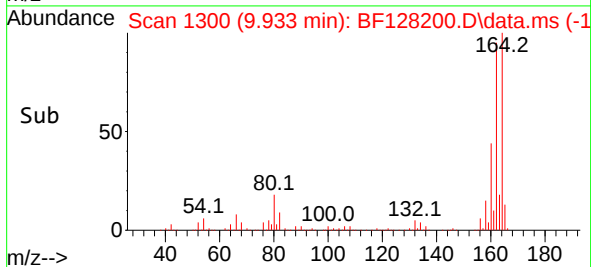
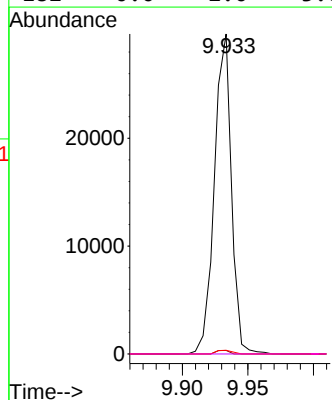
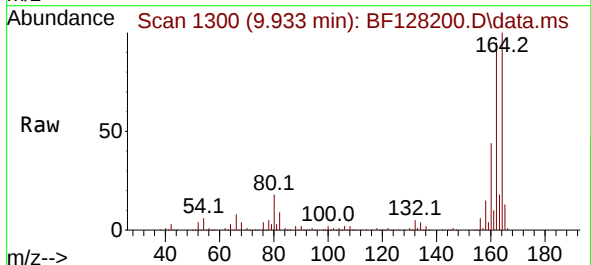
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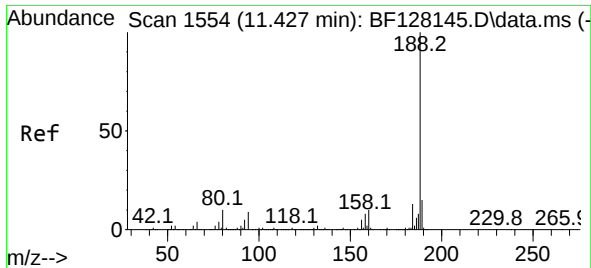
Tgt Ion:165 Resp: 26792
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.2 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.876 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

Tgt Ion:165 Resp: 26792
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.2 55.2 82.8#
182 0.0 2.0 3.0#

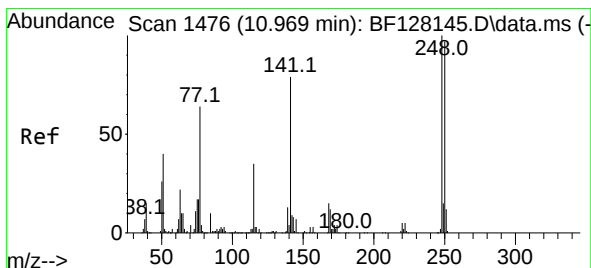
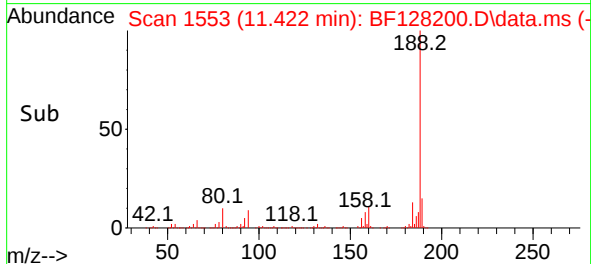
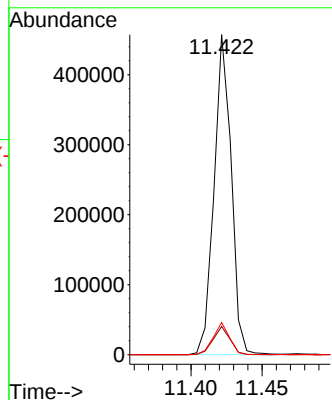
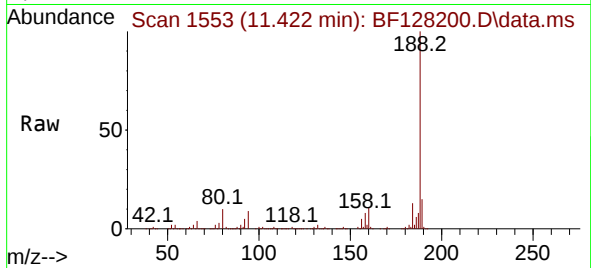




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

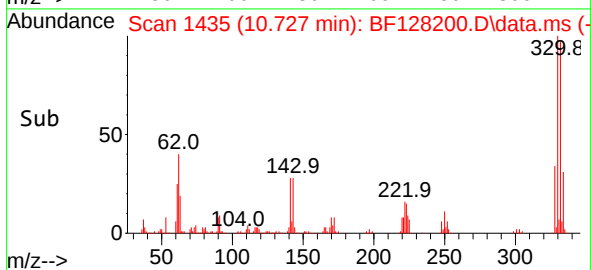
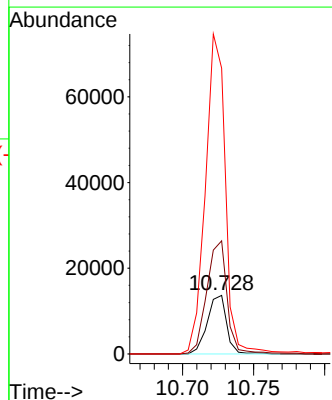
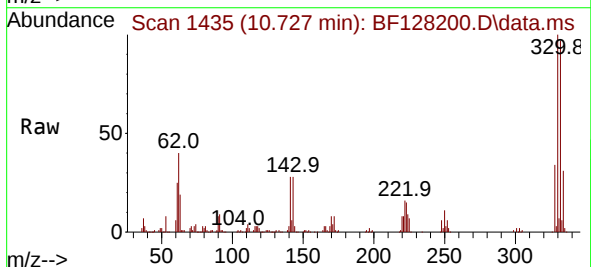
Instrument :
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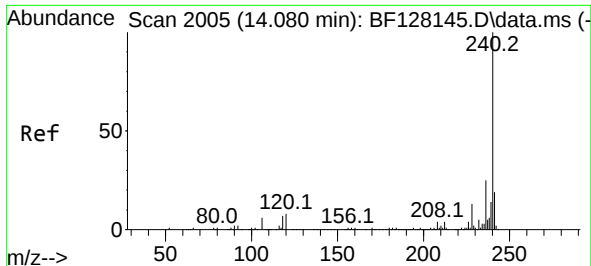
Tgt Ion:188 Resp: 383171
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 10.1 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.146 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

Tgt Ion:248 Resp: 12971
Ion Ratio Lower Upper
248 100
250 193.0 77.7 116.5#
141 487.7 65.6 98.4#

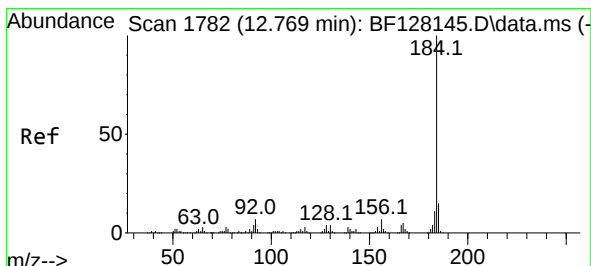
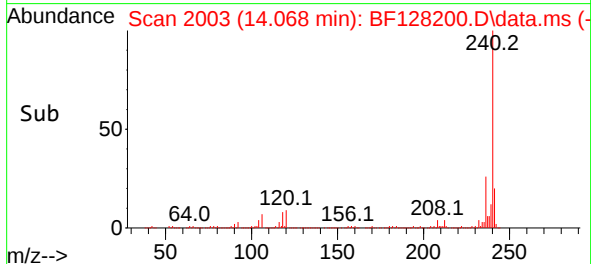
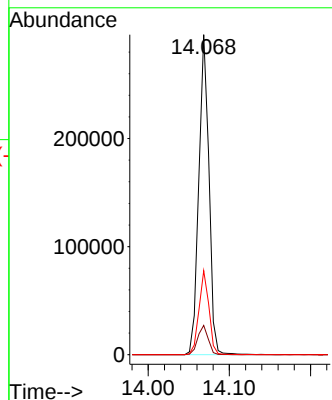
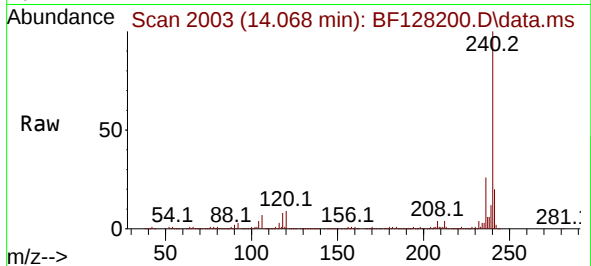




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

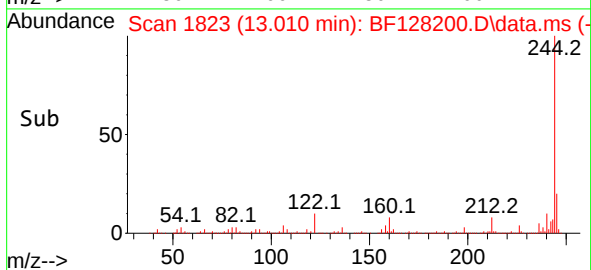
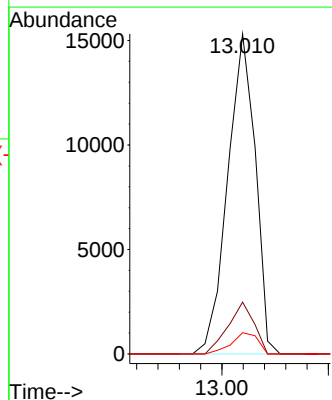
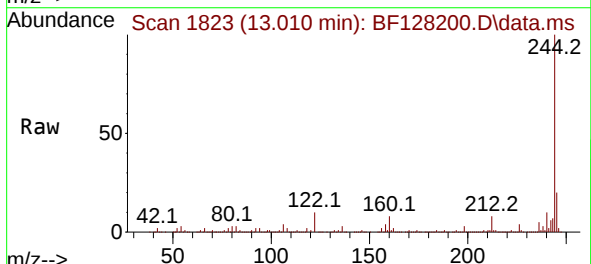
Instrument :
BNA_F
ClientSampleId :
SB05

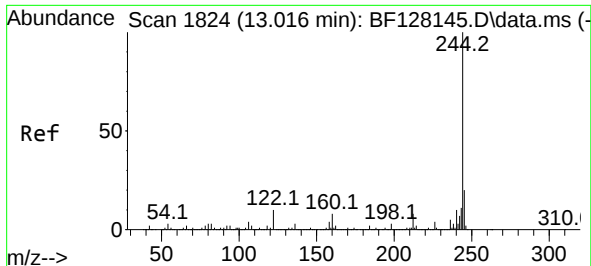
Tgt Ion:240 Resp: 258381
Ion Ratio Lower Upper
240 100
120 9.1 7.0 10.6
236 26.3 20.3 30.5



#77
Benzidine
Concen: 2.471 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128200.D
Acq: 11 May 2022 17:50

Tgt Ion:184 Resp: 13826
Ion Ratio Lower Upper
184 100
185 16.2 12.1 18.1
183 6.7 9.0 13.4#

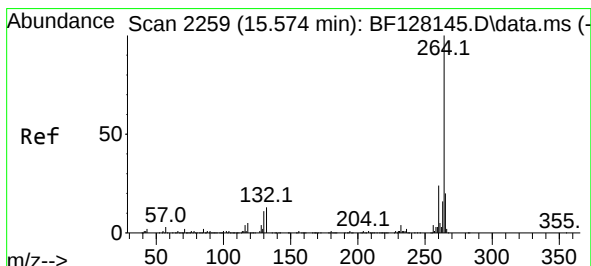
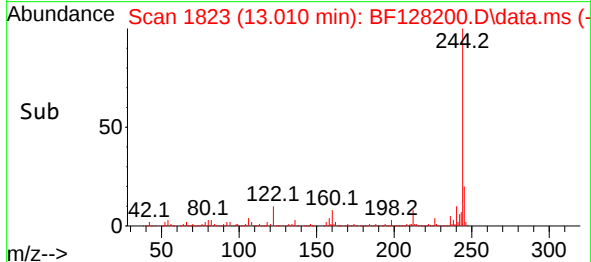
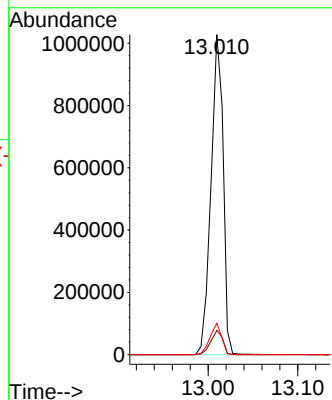
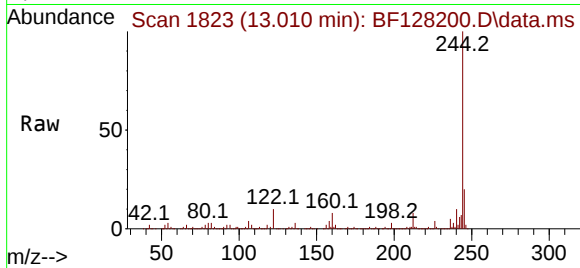




#79
 Terphenyl-d14
 Concen: 69.962 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128200.D
 Acq: 11 May 2022 17:50

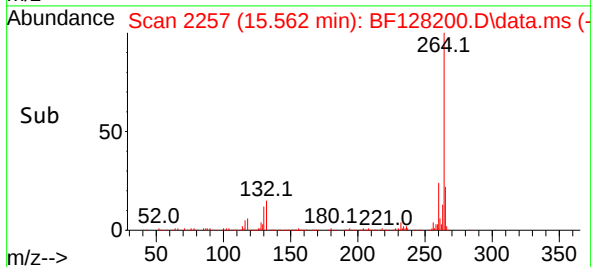
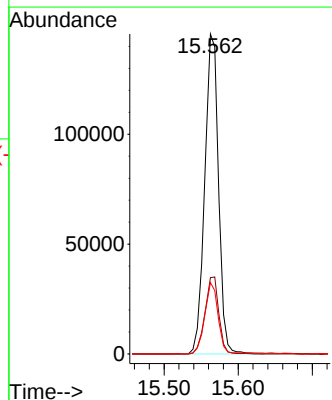
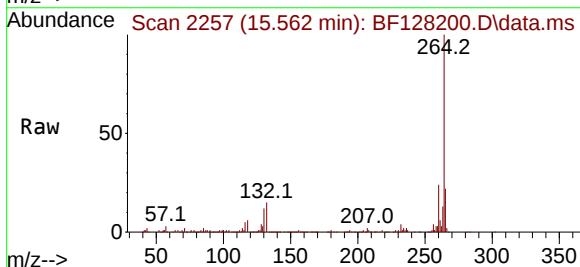
Instrument :
 BNA_F
 ClientSampleId :
 SB05

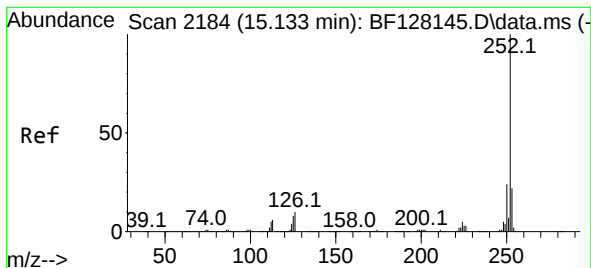
Tgt Ion:244 Resp: 963377
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128200.D
 Acq: 11 May 2022 17:50

Tgt Ion:264 Resp: 188624
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 22.3 17.5 26.3





#88

Benzo(b)fluoranthene

Concen: 2.030 ng

RT: 15.121 min Scan# 2182

Delta R.T. -0.012 min

Lab File: BF128200.D

Acq: 11 May 2022 17:50

Instrument :

BNA_F

ClientSampleId :

SB05

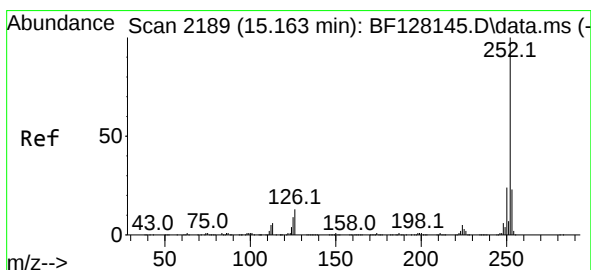
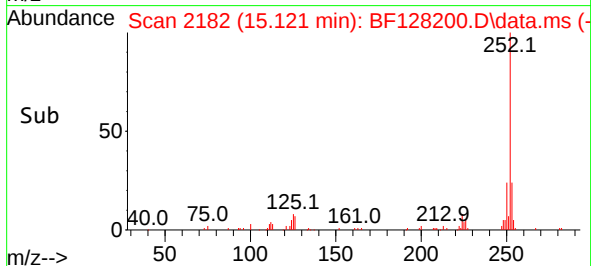
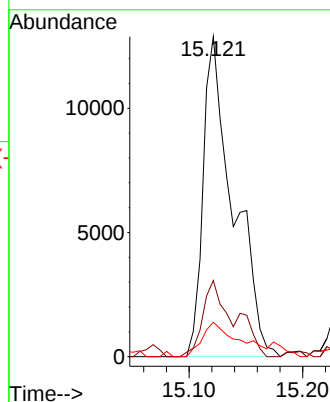
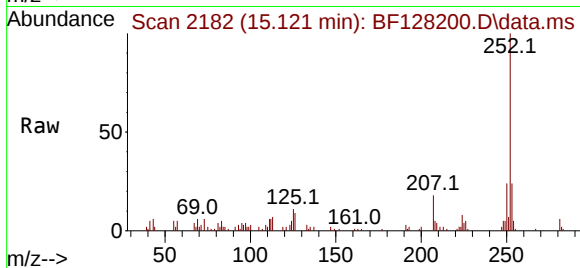
Tgt Ion:252 Resp: 23737

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.2

125 10.7 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 2.057 ng

RT: 15.121 min Scan# 2182

Delta R.T. -0.041 min

Lab File: BF128200.D

Acq: 11 May 2022 17:50

Tgt Ion:252 Resp: 23737

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.4

125 10.7 6.8 10.2#

