

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128167.D
 Acq On : 10 May 2022 18:36
 Operator : CG\JU
 Sample : N2749-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: May 11 04:01:13 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)

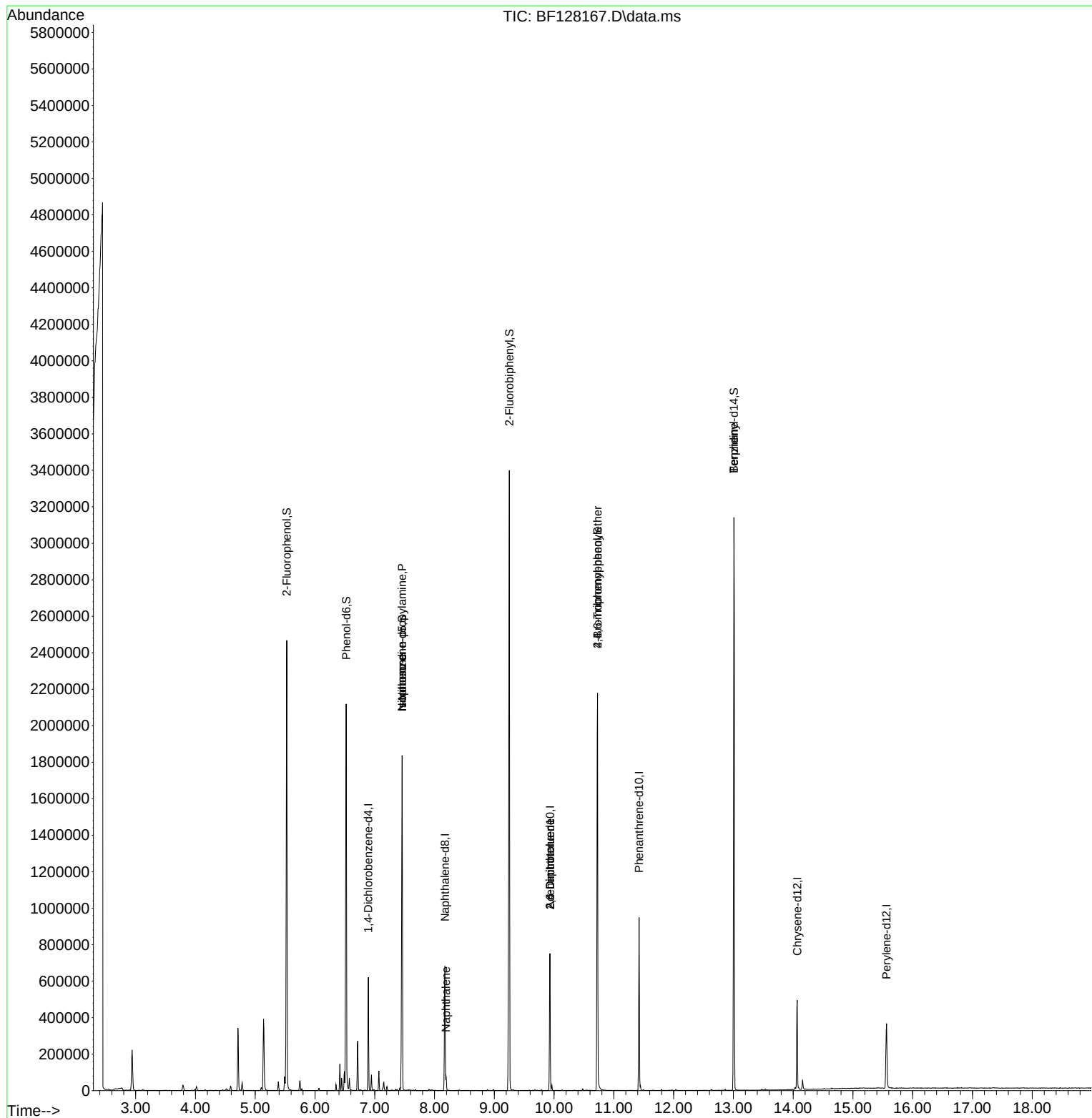
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	76670	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	296733	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	171199	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	308455	20.000	ng	0.00
76) Chrysene-d12	14.068	240	172920	20.000	ng	-0.01
86) Perylene-d12	15.562	264	175562	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	617038	128.296	ng	0.01
7) Phenol-d6	6.522	99	718800	112.995	ng	0.00
23) Nitrobenzene-d5	7.457	82	641074	97.212	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	277432	141.299	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1064809	97.319	ng	0.00
79) Terphenyl-d14	13.010	244	1152651	125.078	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	2874	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.457	70	86896	22.182	ng	# 80
25) Isophorone	7.457	82	639645	61.869	ng	# 68
31) Naphthalene	8.192	128	29948	2.044	ng	# 99
51) 2,6-Dinitrotoluene	9.933	165	22647	9.345	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	22647	6.989	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	16919	5.098	ng	# 1
77) Benzidine	13.010	184	16645	4.444	ng	# 95

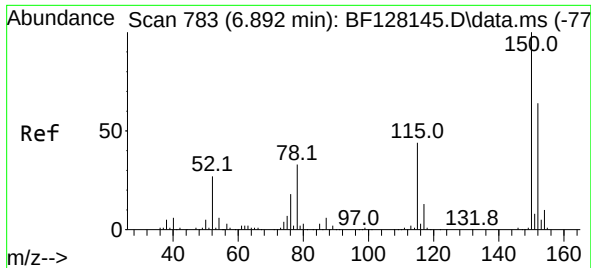
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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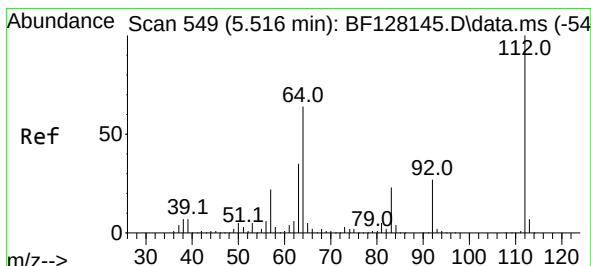
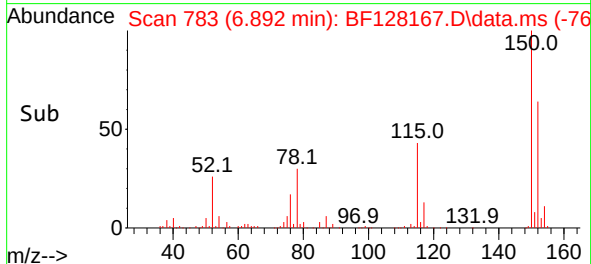
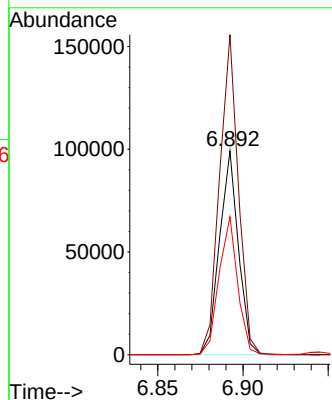
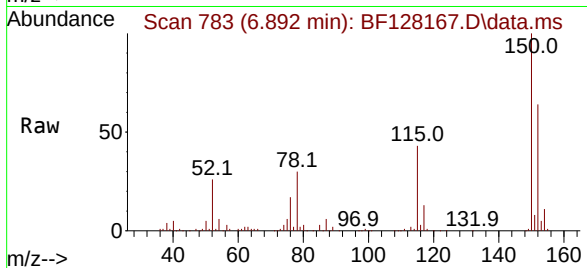




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128167.D
 Acq: 10 May 2022 18:36

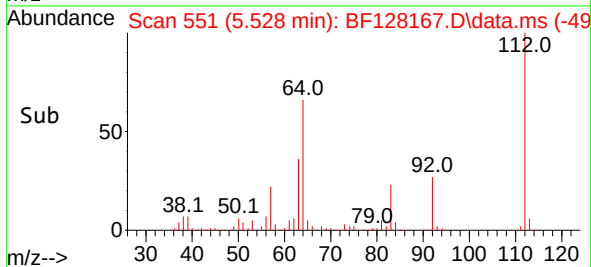
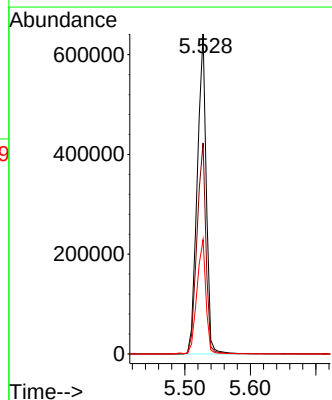
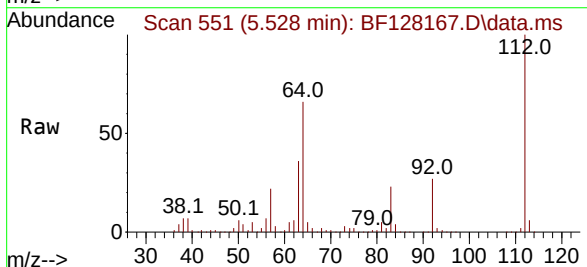
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

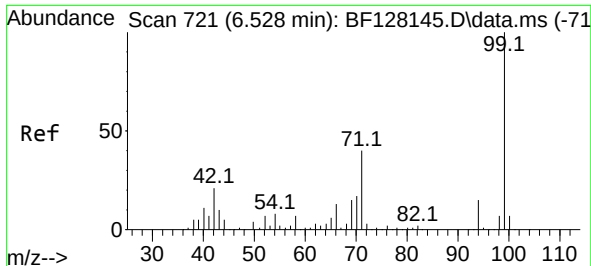
Tgt Ion:152 Resp: 76670
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.3 187.9
 115 67.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 128.296 ng
 RT: 5.528 min Scan# 551
 Delta R.T. 0.012 min
 Lab File: BF128167.D
 Acq: 10 May 2022 18:36

Tgt Ion:112 Resp: 617038
 Ion Ratio Lower Upper
 112 100
 64 65.9 49.5 74.3
 63 35.8 26.3 39.5

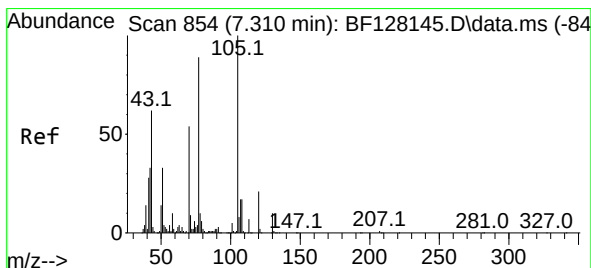
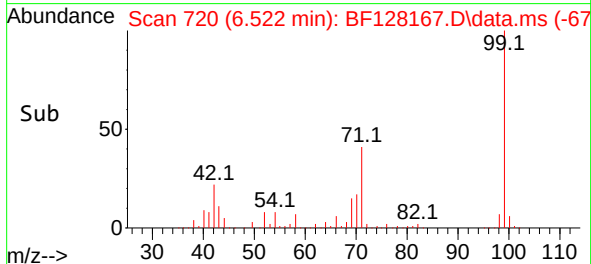
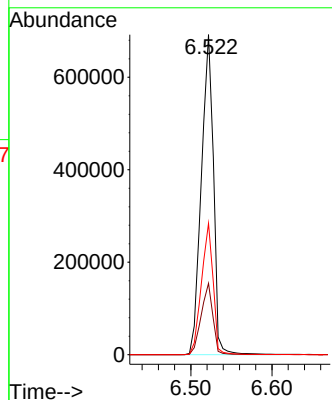
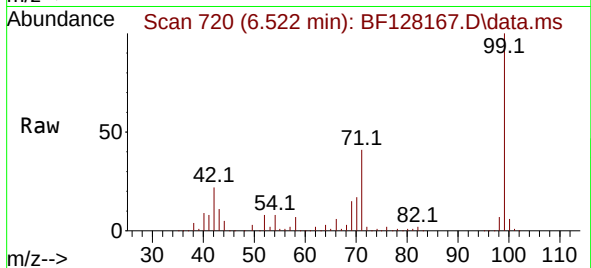




#7
Phenol-d6
Concen: 112.995 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

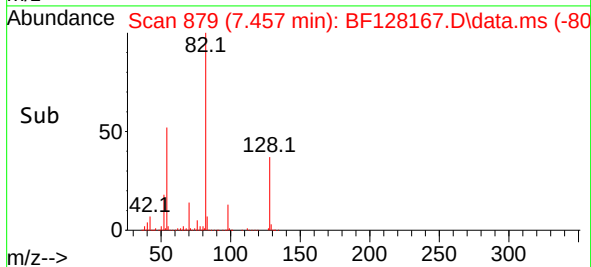
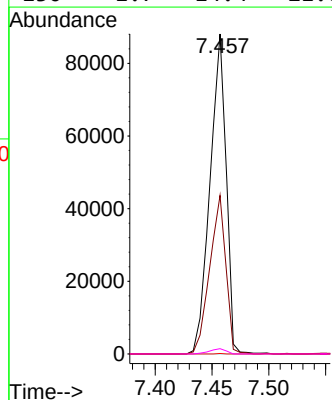
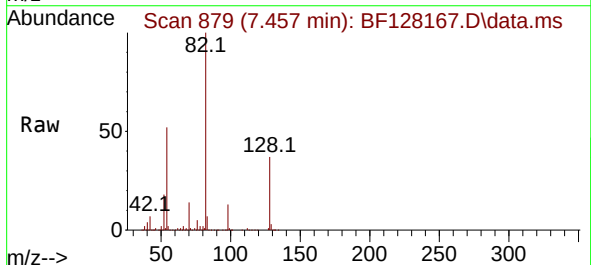
Instrument :
BNA_F
ClientSampleId :
TP-1

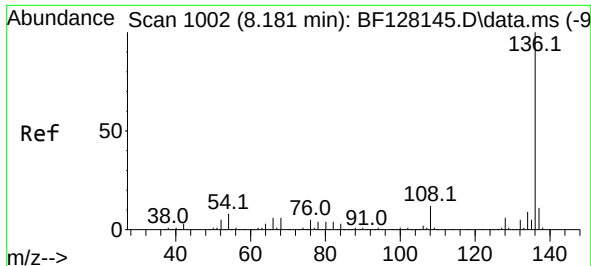
Tgt Ion: 99 Resp: 718800
Ion Ratio Lower Upper
99 100
42 22.3 16.6 24.8
71 41.0 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.182 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

Tgt Ion: 70 Resp: 86896
Ion Ratio Lower Upper
70 100
42 49.6 48.7 73.1
101 0.2 7.2 10.8#
130 1.7 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128167.D

Acq: 10 May 2022 18:36

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion:136 Resp: 296733

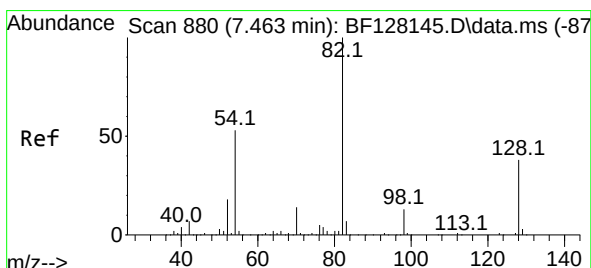
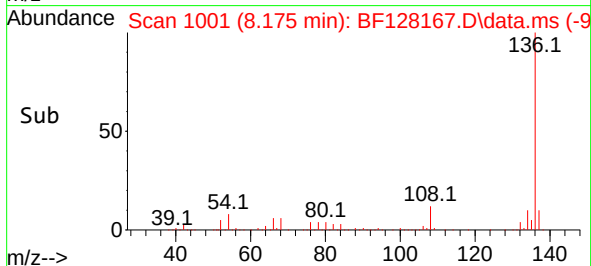
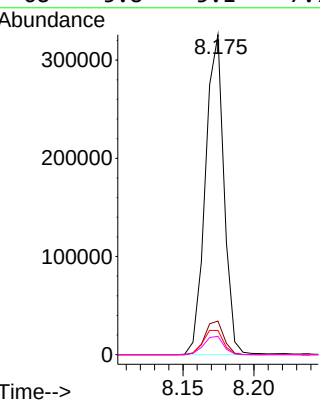
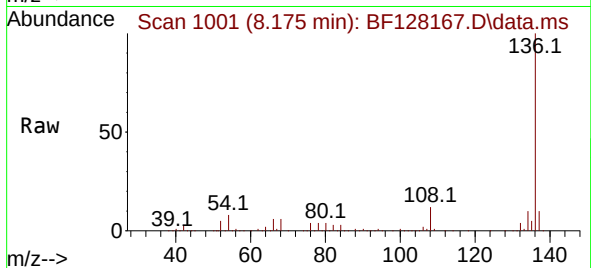
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 7.6 6.8 10.2

68 5.8 5.1 7.7



#23

Nitrobenzene-d5

Concen: 97.212 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF128167.D

Acq: 10 May 2022 18:36

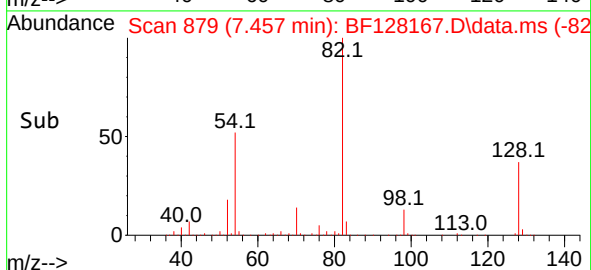
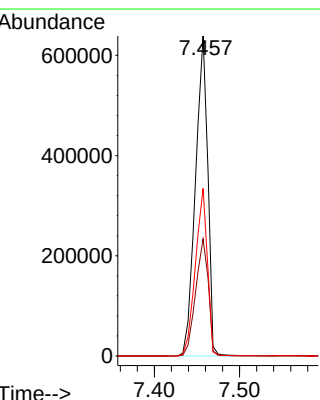
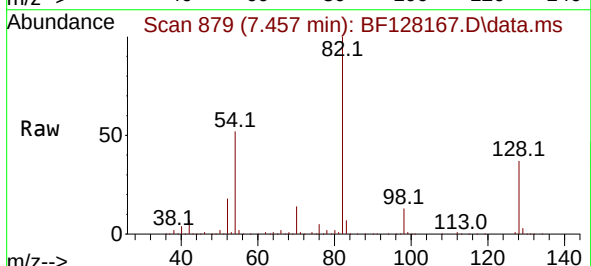
Tgt Ion: 82 Resp: 641074

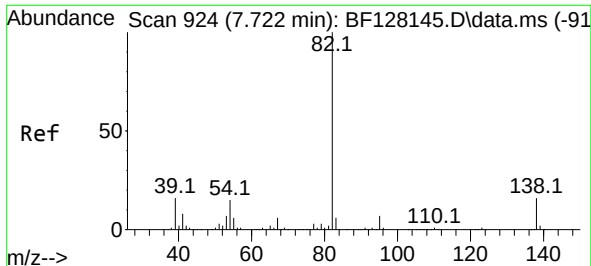
Ion Ratio Lower Upper

82 100

128 36.6 30.0 45.0

54 52.4 41.3 61.9

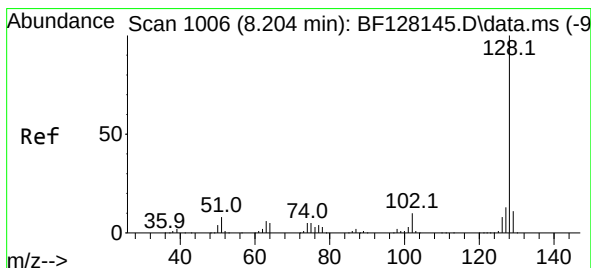
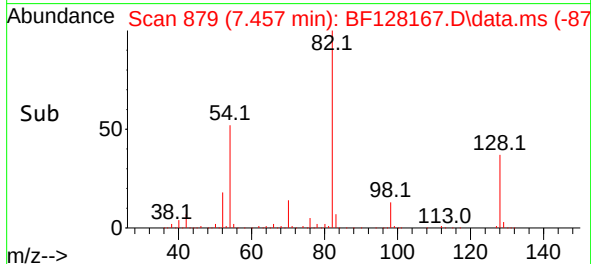
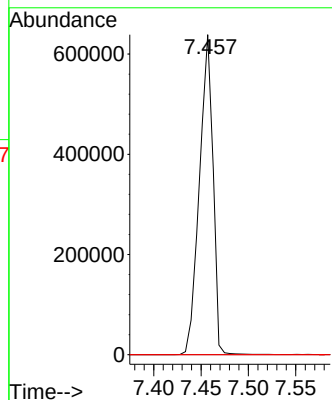
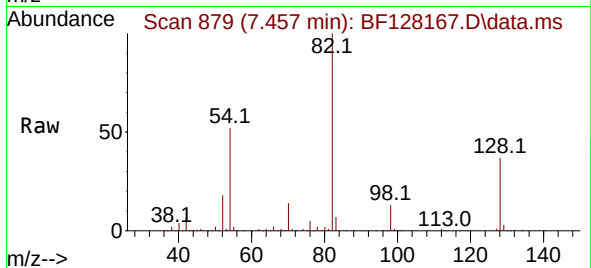




#25
Isophorone
Concen: 61.869 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

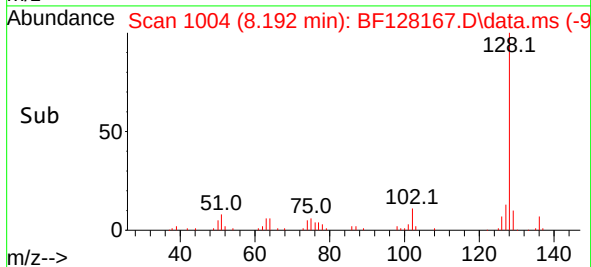
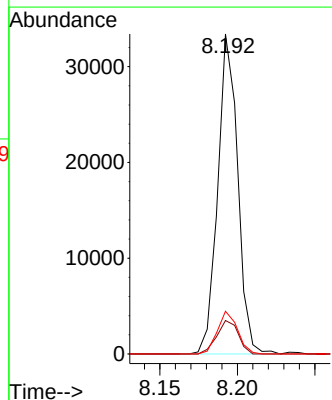
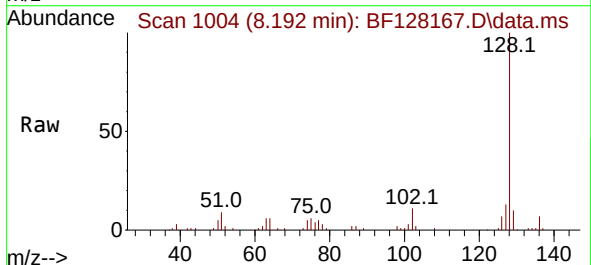
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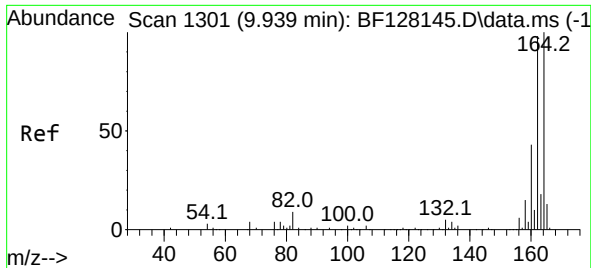
Tgt Ion: 82 Resp: 639645
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#31
Naphthalene
Concen: 2.044 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

Tgt Ion: 128 Resp: 29948
Ion Ratio Lower Upper
128 100
129 10.5 9.0 13.4
127 13.4 10.6 16.0

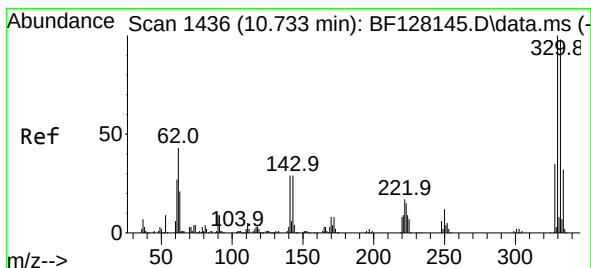
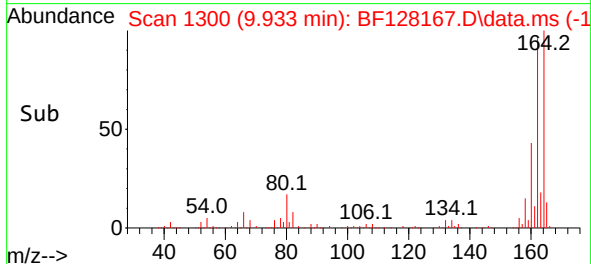
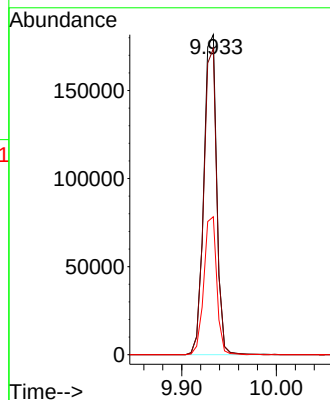
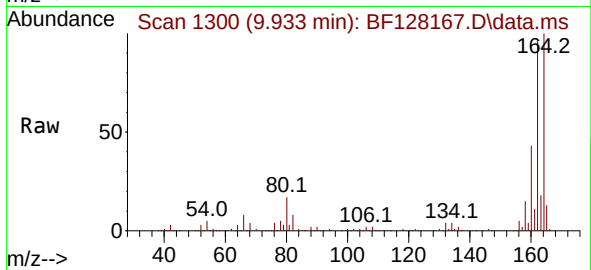




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

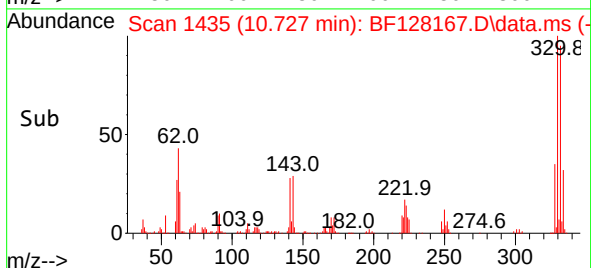
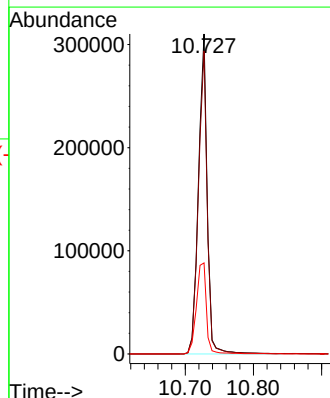
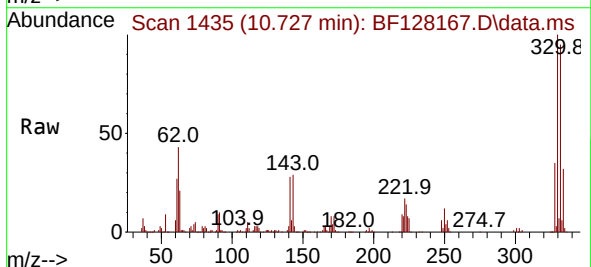
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BNA_F
ClientSampleId :
TP-1

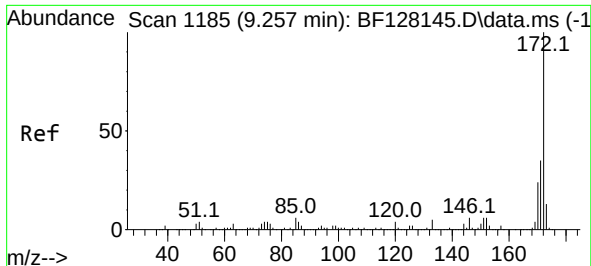
Tgt Ion:164 Resp: 171199
Ion Ratio Lower Upper
164 100
162 95.6 76.0 114.0
160 43.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 141.299 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

Tgt Ion:330 Resp: 277432
Ion Ratio Lower Upper
330 100
332 95.6 79.0 118.4
141 32.5 28.9 43.3

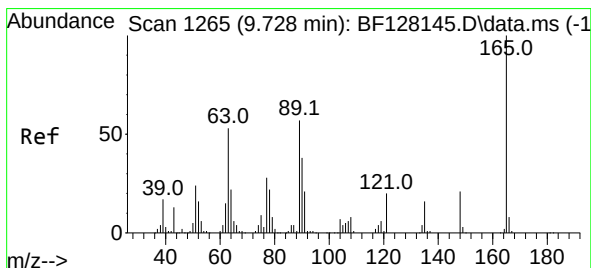
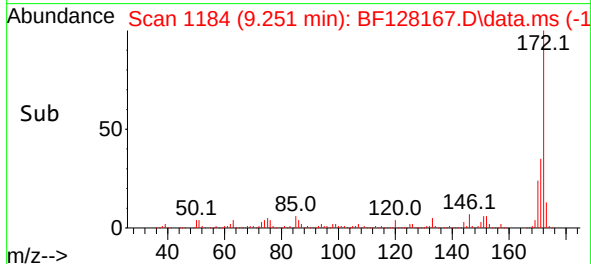
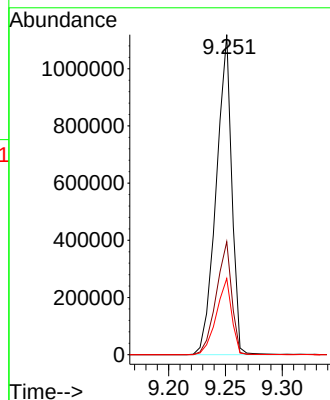
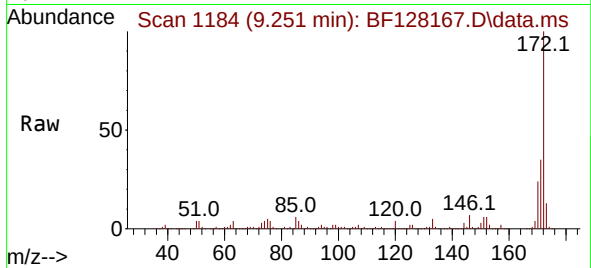




#45
2-Fluorobiphenyl
Concen: 97.319 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

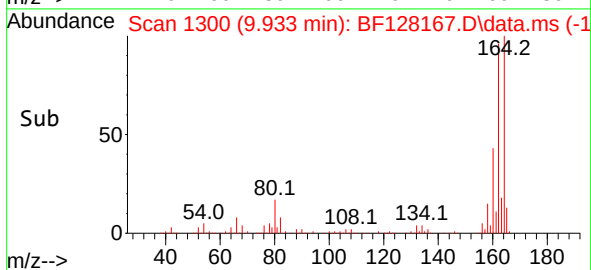
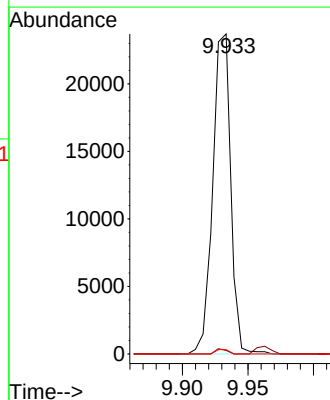
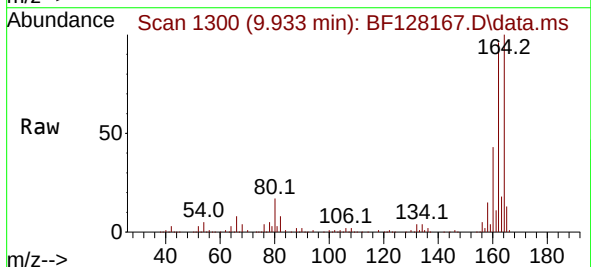
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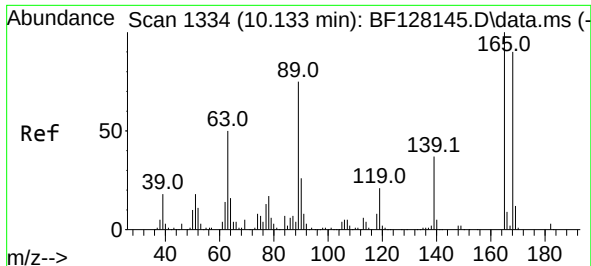
Tgt Ion:172 Resp: 1064809
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.8 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 9.345 ng
RT: 9.933 min Scan# 1300
Delta R.T. 0.206 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

Tgt Ion:165 Resp: 22647
Ion Ratio Lower Upper
165 100
63 1.1 49.5 74.3#
89 1.3 49.0 73.4#

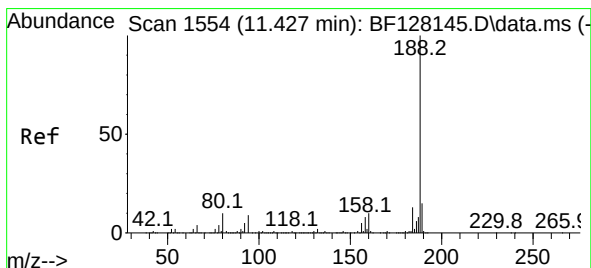
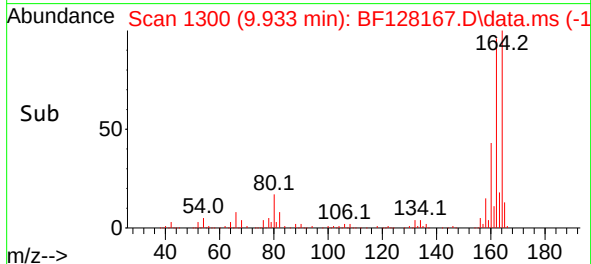
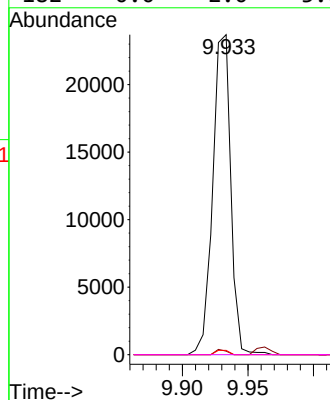
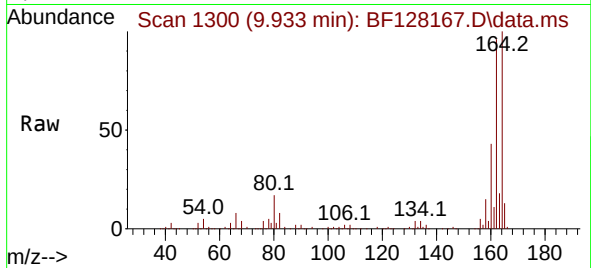




#57
2,4-Dinitrotoluene
Concen: 6.989 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

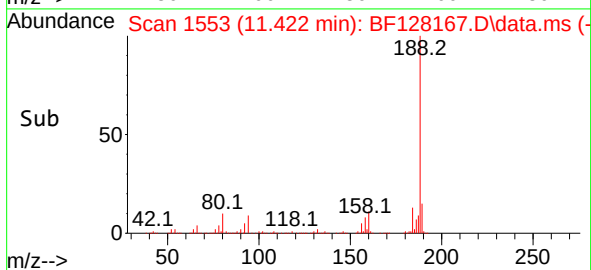
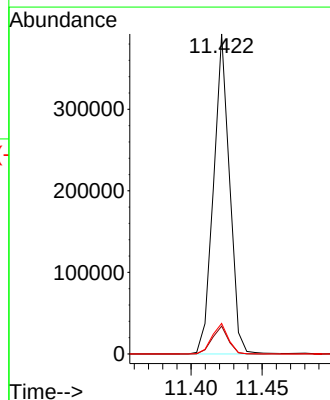
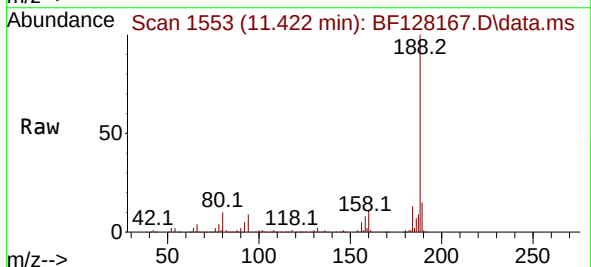
Instrument :
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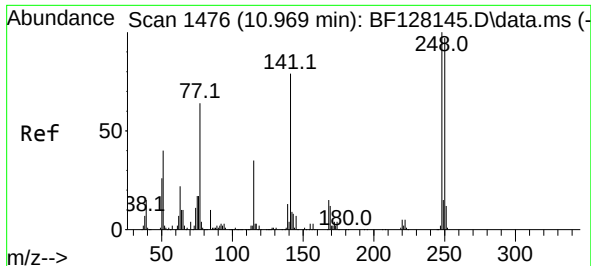
Tgt Ion:165 Resp: 22647
Ion Ratio Lower Upper
165 100
63 1.1 32.6 49.0#
89 1.3 55.2 82.8#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

Tgt Ion:188 Resp: 308455
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.6 8.9 13.3

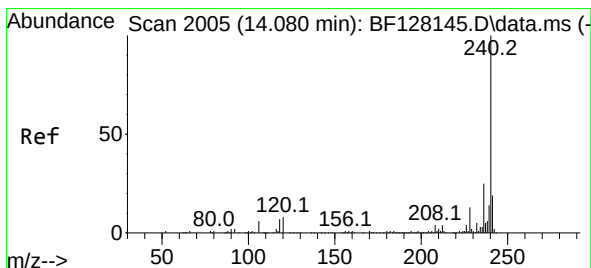
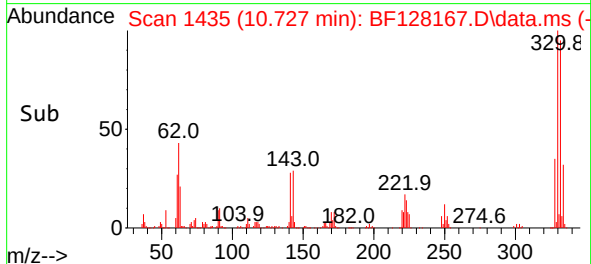
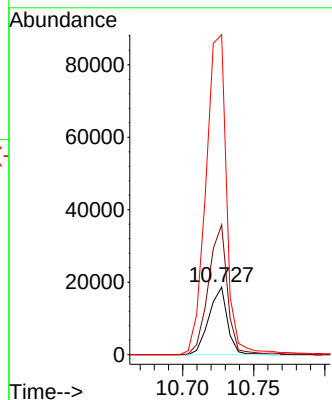
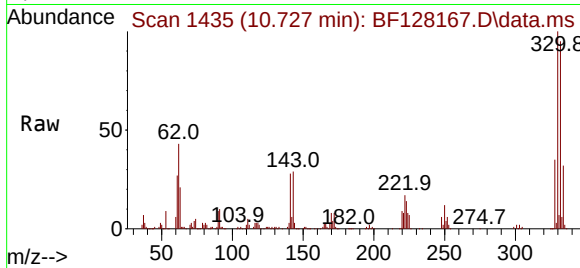




#67
4-Bromophenyl-phenylether
Concen: 5.098 ng
RT: 10.727 min Scan# 1476
Delta R.T. -0.241 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

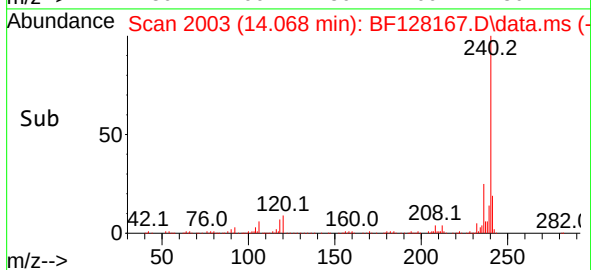
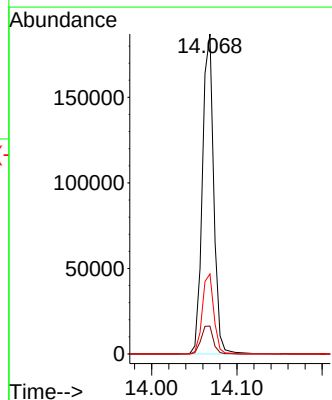
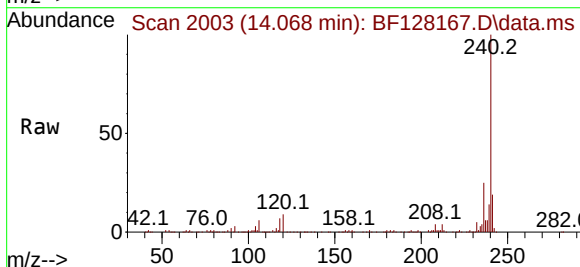
Instrument :
BNA_F
ClientSampleId :
TP-1

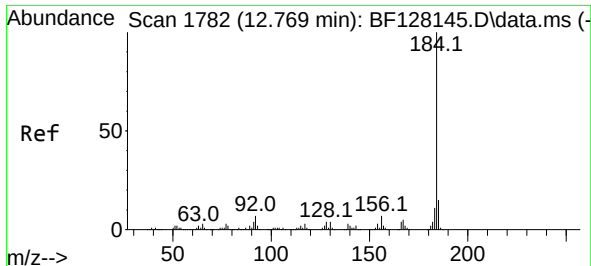
Tgt Ion:248 Resp: 16919
Ion Ratio Lower Upper
248 100
250 192.1 77.7 116.5#
141 473.9 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

Tgt Ion:240 Resp: 172920
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 25.0 20.3 30.5

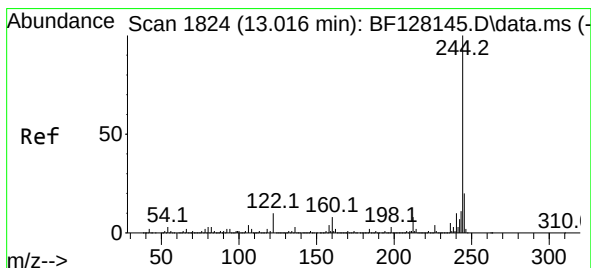
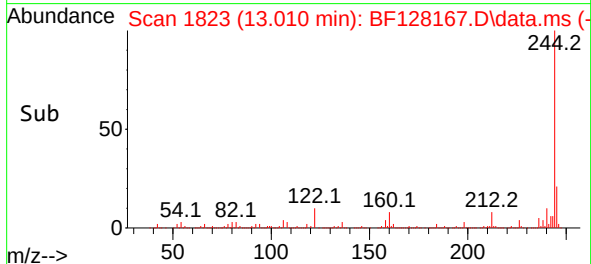
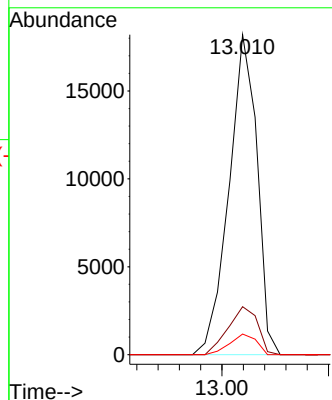
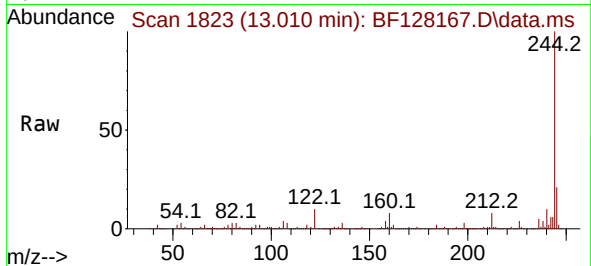




#77
Benzidine
Concen: 4.444 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

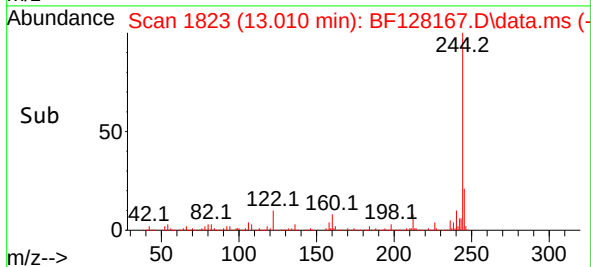
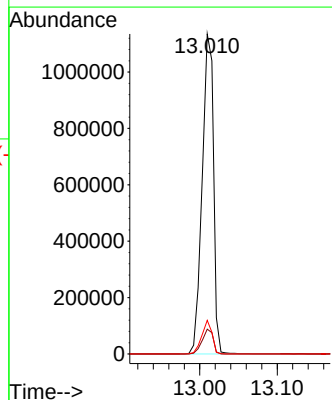
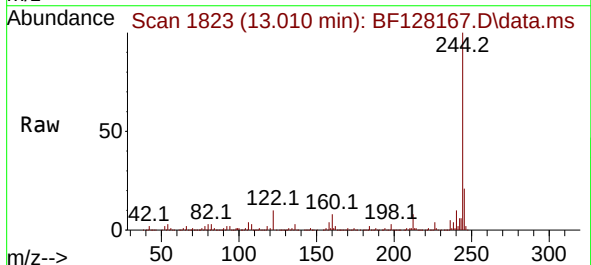
Instrument :
BNA_F
ClientSampleId :
TP-1

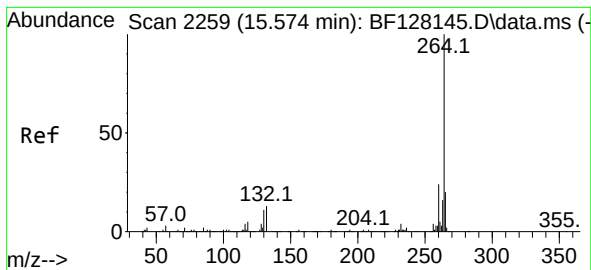
Tgt Ion:184 Resp: 16645
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 6.4 9.0 13.4#



#79
Terphenyl-d14
Concen: 125.078 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF128167.D
Acq: 10 May 2022 18:36

Tgt Ion:244 Resp: 1152651
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.4
122 10.5 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF128167.D

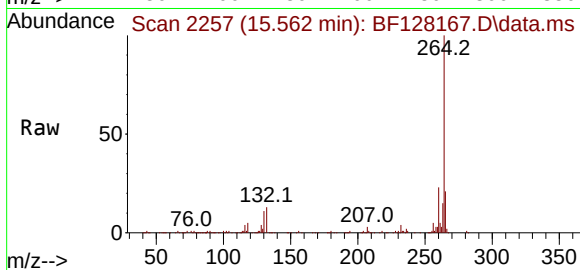
Acq: 10 May 2022 18:36

Instrument :

BNA_F

ClientSampleId :

TP-1



Tgt Ion:264 Resp: 175562

Ion Ratio Lower Upper

264 100

260 23.2 20.1 30.1

265 20.7 17.5 26.3

