

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128209.D
 Acq On : 11 May 2022 22:12
 Operator : CG\JU
 Sample : N2762-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB19

Quant Time: May 12 06:01:37 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)

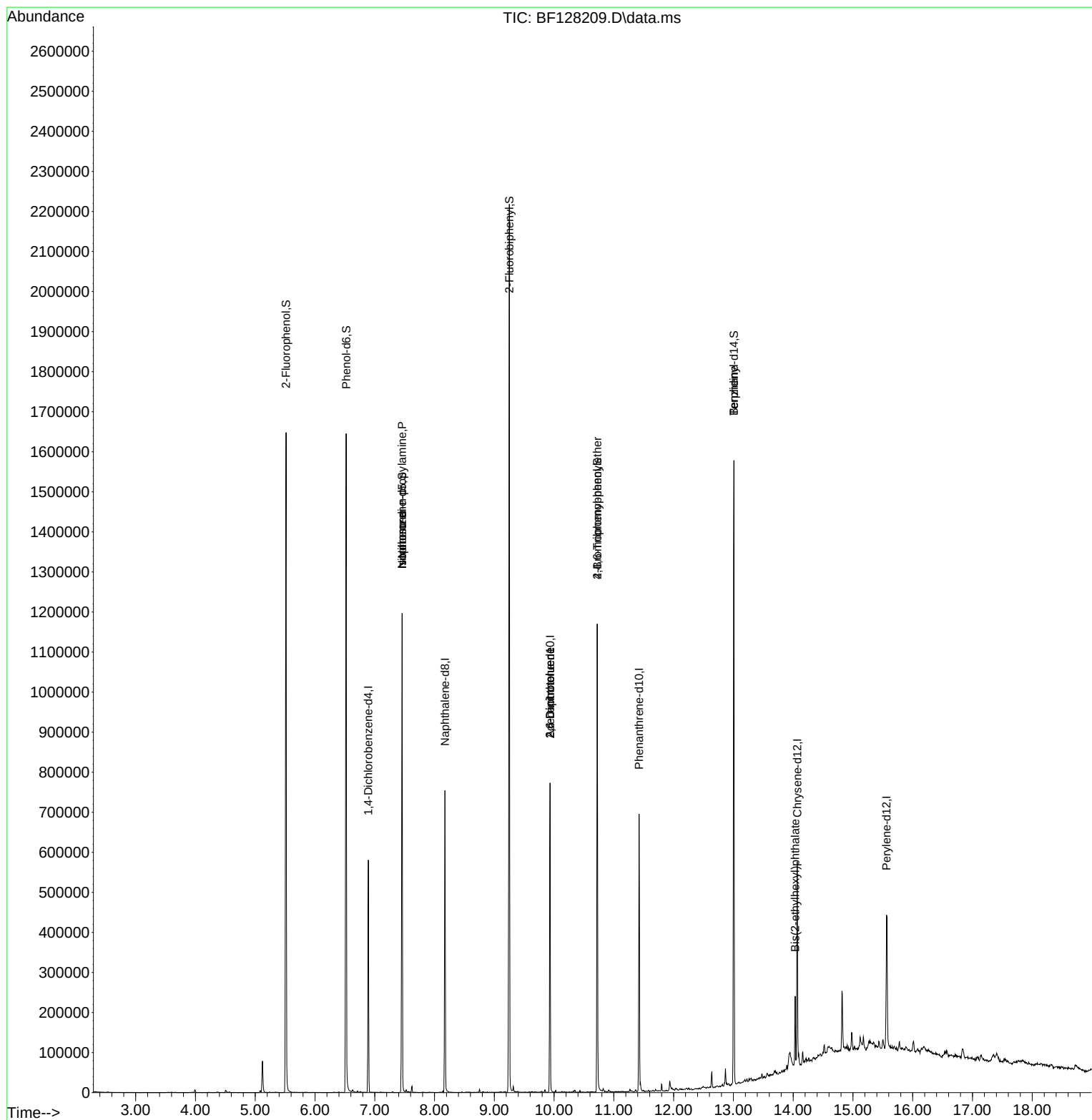
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	74983	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	285813	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	154835	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	240967	20.000	ng	0.00
76) Chrysene-d12	14.069	240	162269	20.000	ng	-0.01
86) Perylene-d12	15.563	264	158700	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	391893	83.316	ng	0.00
7) Phenol-d6	6.522	99	514570	82.710	ng	0.00
23) Nitrobenzene-d5	7.457	82	370882	58.389	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	130200	73.320	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	617478	62.400	ng	0.00
79) Terphenyl-d14	13.010	244	513225	59.347	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.451	77	60	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	50502	13.182	ng	# 77
25) Isophorone	7.457	82	370878	37.243	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	19923	9.090	ng	# 20
57) 2,4-Dinitrotoluene	9.933	165	19923	6.798	ng	# 25
67) 4-Bromophenyl-phenylether	10.722	248	7744	2.987	ng	# 1
77) Benzidine	13.010	184	7598	2.162	ng	# 87
84) Bis(2-ethylhexyl)phtha...	14.033	149	39795	6.021	ng	100

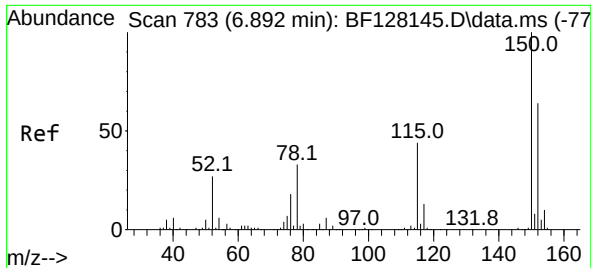
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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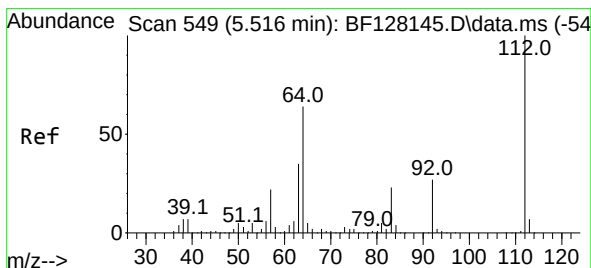
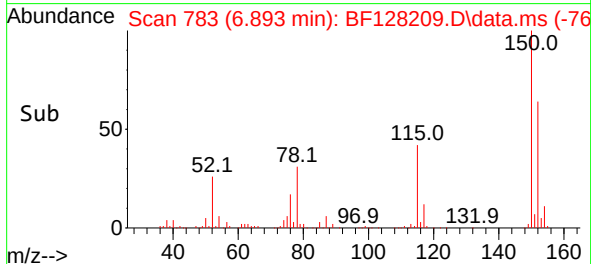
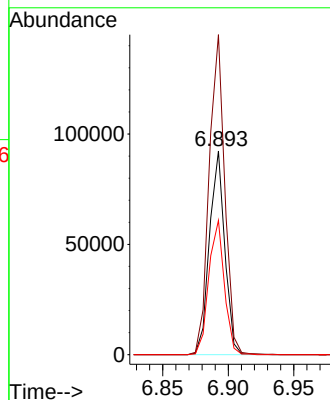
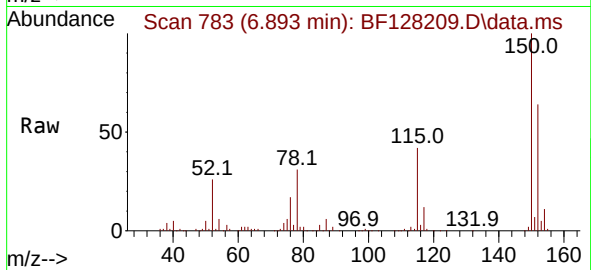




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128209.D
 Acq: 11 May 2022 22:12

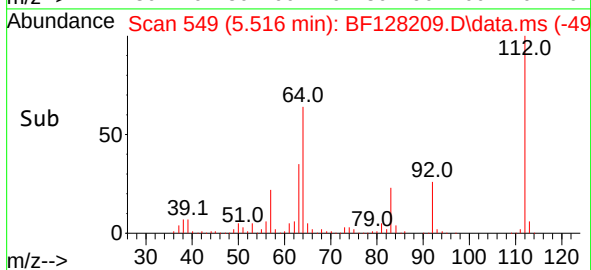
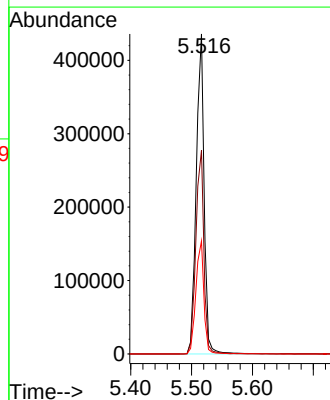
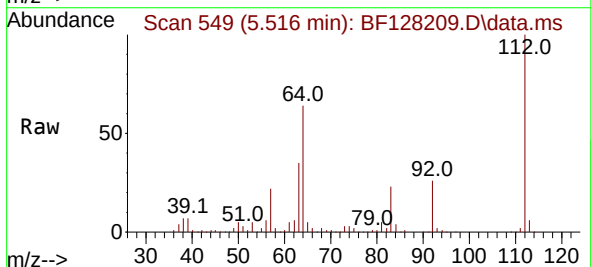
Instrument :
 BNA_F
 ClientSampleId :
 SB19

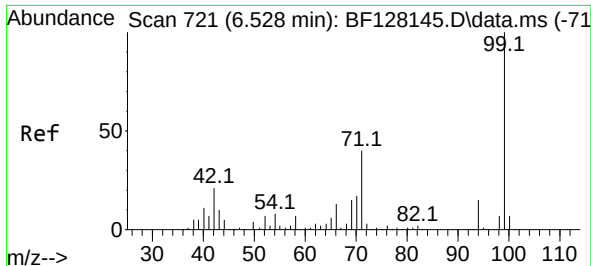
Tgt Ion:152 Resp: 74983
 Ion Ratio Lower Upper
 152 100
 150 157.1 125.3 187.9
 115 65.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 83.316 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.000 min
 Lab File: BF128209.D
 Acq: 11 May 2022 22:12

Tgt Ion:112 Resp: 391893
 Ion Ratio Lower Upper
 112 100
 64 63.6 49.5 74.3
 63 35.3 26.3 39.5

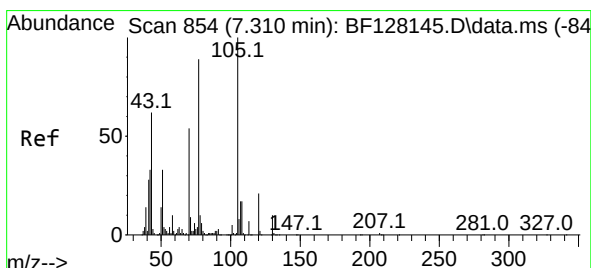
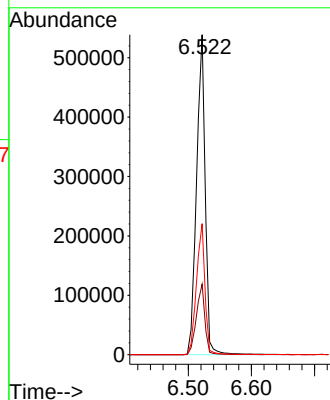
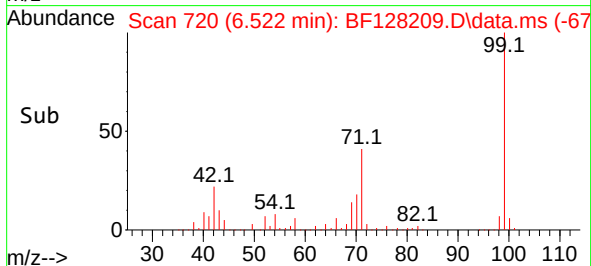
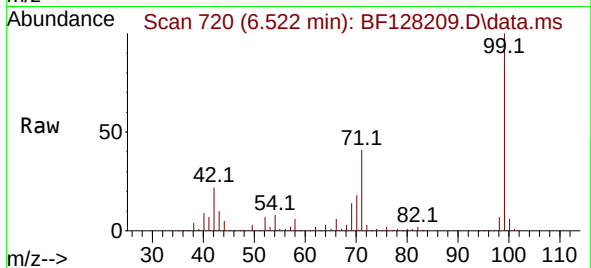




#7
Phenol-d6
Concen: 82.710 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128209.D
Acq: 11 May 2022 22:12

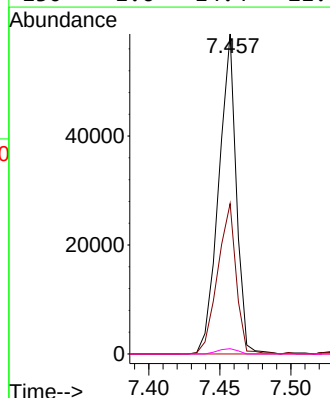
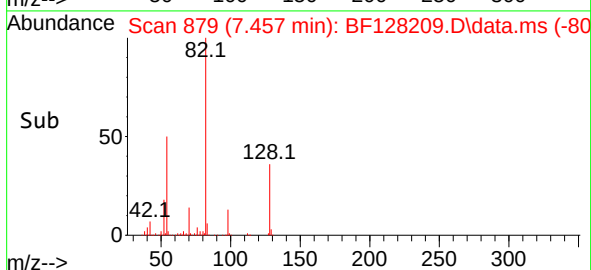
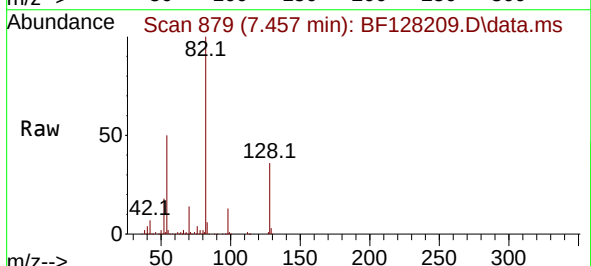
Instrument :
BNA_F
ClientSampleId :
SB19

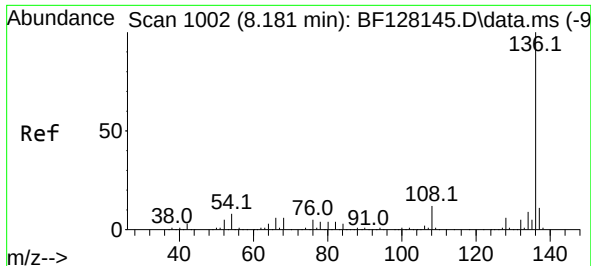
Tgt Ion: 99 Resp: 514570
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 40.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.182 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128209.D
Acq: 11 May 2022 22:12

Tgt Ion: 70 Resp: 50502
Ion Ratio Lower Upper
70 100
42 47.0 48.7 73.1#
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

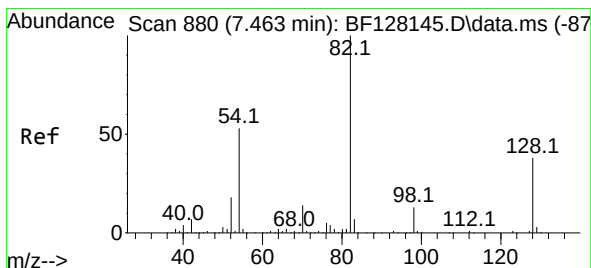
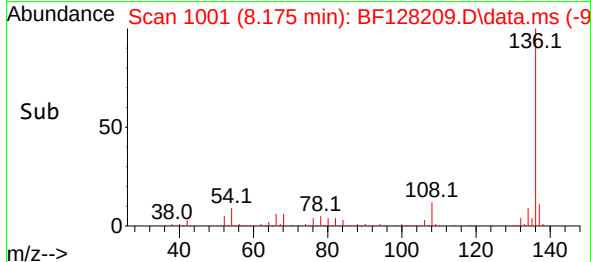
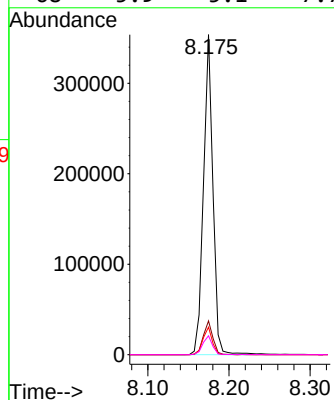
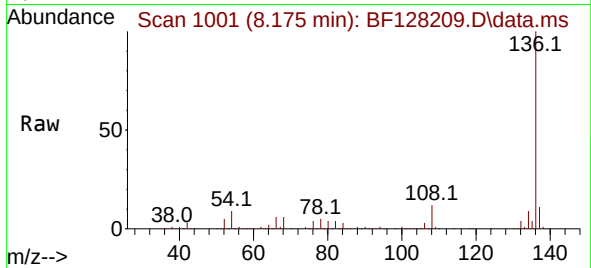




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128209.D
Acq: 11 May 2022 22:12

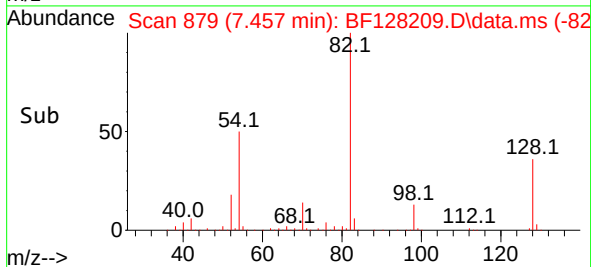
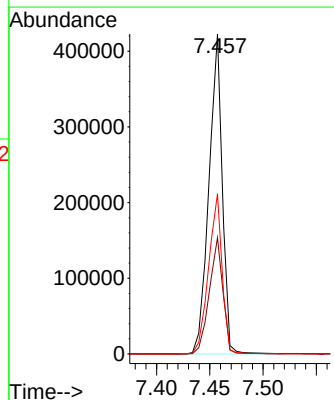
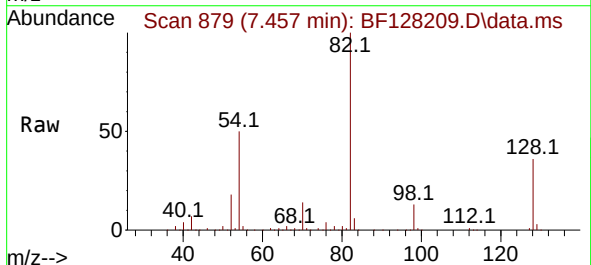
Instrument :
BNA_F
ClientSampleId :
SB19

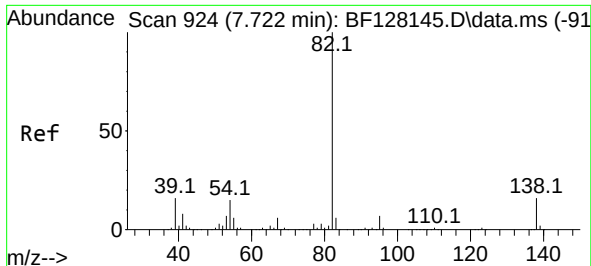
Tgt Ion:136	Resp: 285813
Ion Ratio	Lower Upper
136 100	
137 10.6	8.6 13.0
54 8.6	6.8 10.2
68 5.9	5.1 7.7



#23
Nitrobenzene-d5
Concen: 58.389 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128209.D
Acq: 11 May 2022 22:12

Tgt Ion: 82	Resp: 370882
Ion Ratio	Lower Upper
82 100	
128 36.3	30.0 45.0
54 50.1	41.3 61.9

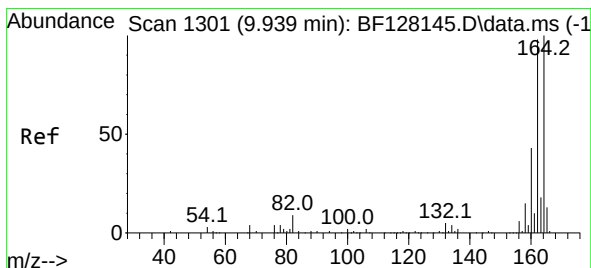
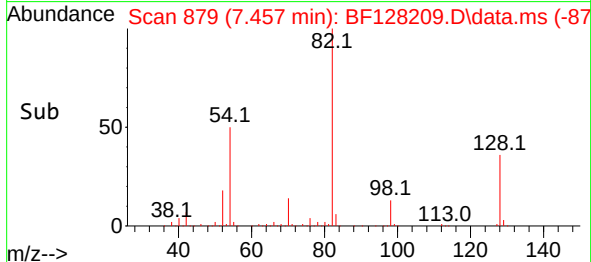
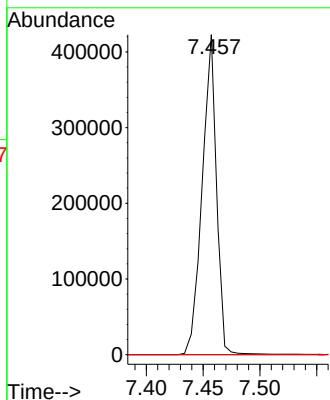
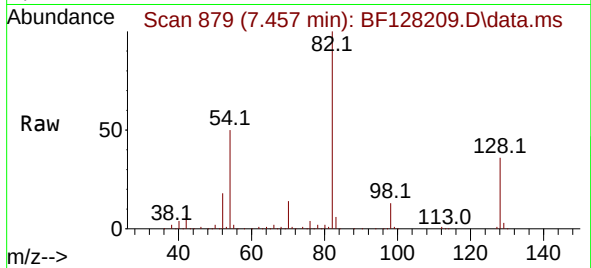




#25
Isophorone
Concen: 37.243 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128209.D
Acq: 11 May 2022 22:12

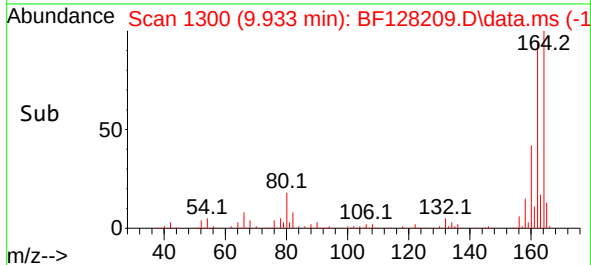
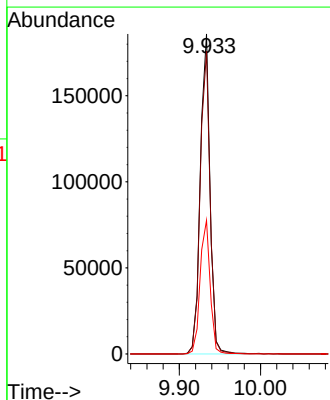
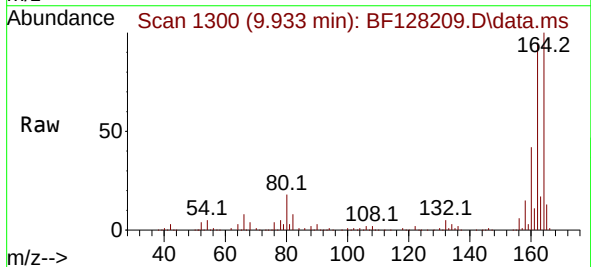
Instrument :
BNA_F
ClientSampleId :
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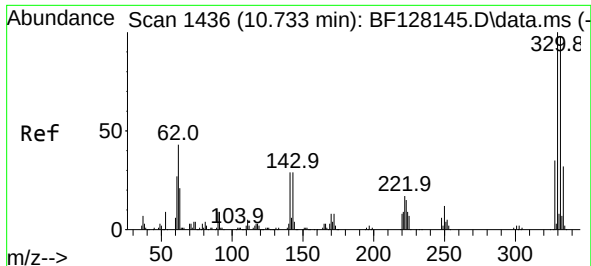
Tgt Ion: 82 Resp: 370878
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128209.D
Acq: 11 May 2022 22:12

Tgt Ion:164 Resp: 154835
Ion Ratio Lower Upper
164 100
162 94.5 76.0 114.0
160 41.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 73.320 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.012 min

Lab File: BF128209.D

Acq: 11 May 2022 22:12

Instrument :

BNA_F

ClientSampleId :

SB19

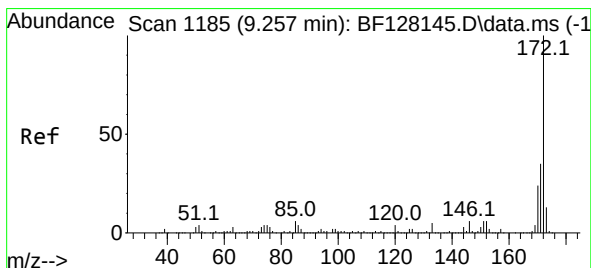
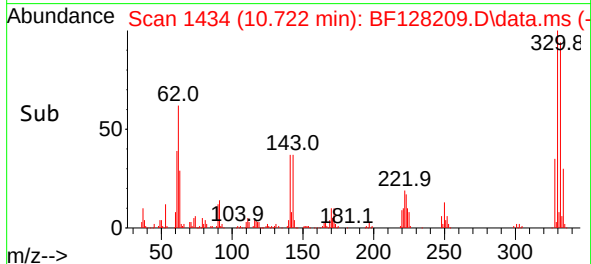
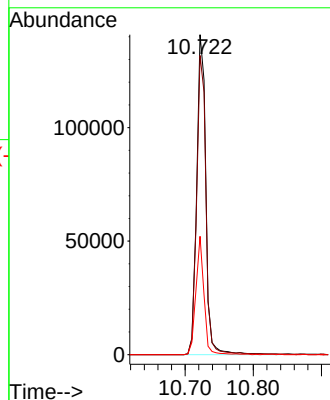
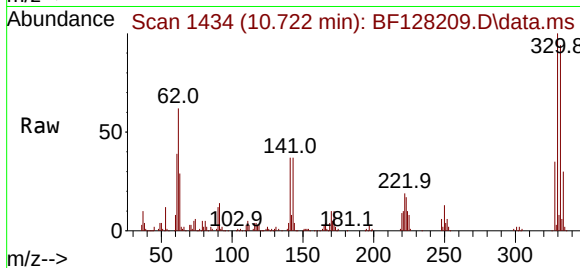
Tgt Ion:330 Resp: 130200

Ion Ratio Lower Upper

330 100

332 94.8 79.0 118.4

141 32.9 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 62.400 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128209.D

Acq: 11 May 2022 22:12

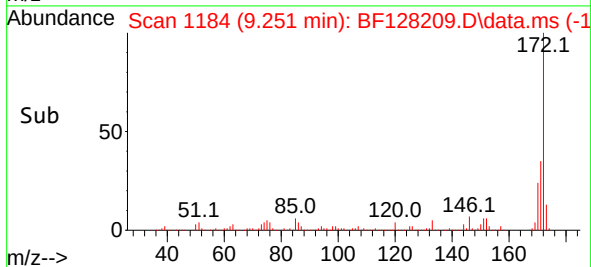
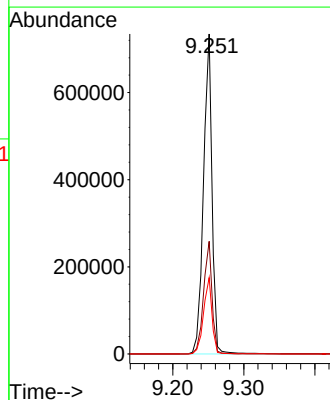
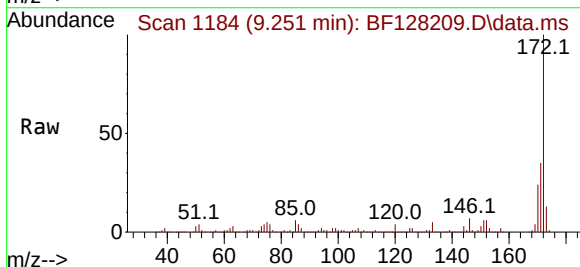
Tgt Ion:172 Resp: 617478

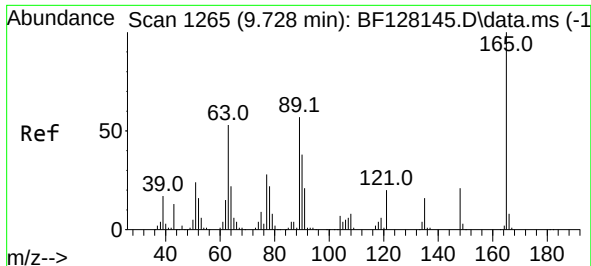
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.9 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.090 ng

RT: 9.933 min Scan# 1300

Delta R.T. 0.206 min

Lab File: BF128209.D

Acq: 11 May 2022 22:12

Instrument :

BNA_F

ClientSampleId :

SB19

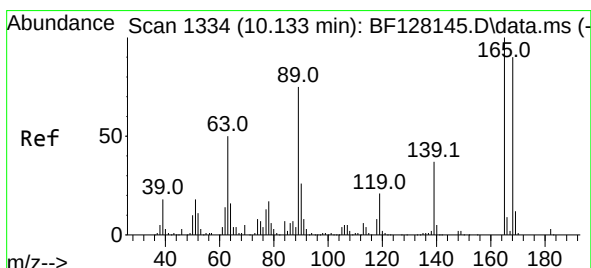
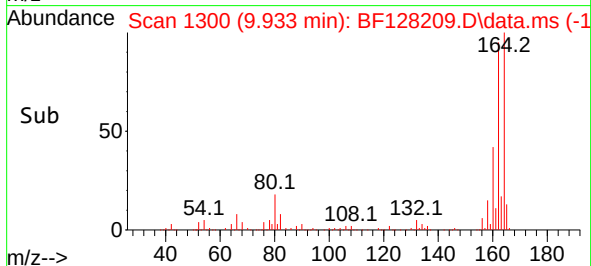
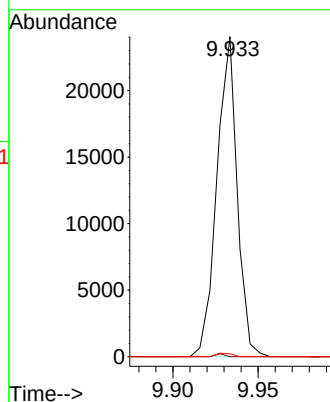
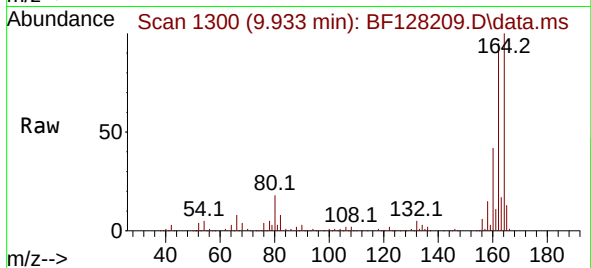
Tgt Ion:165 Resp: 19923

Ion Ratio Lower Upper

165 100

63 0.0 49.5 74.3#

89 0.9 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.798 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.200 min

Lab File: BF128209.D

Acq: 11 May 2022 22:12

Tgt Ion:165 Resp: 19923

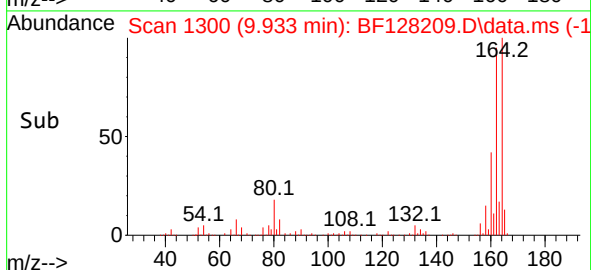
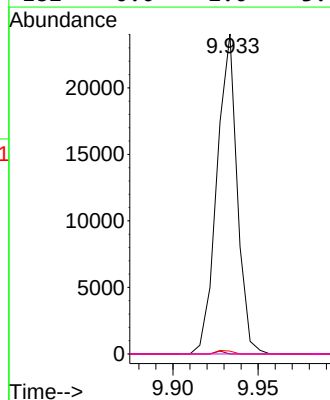
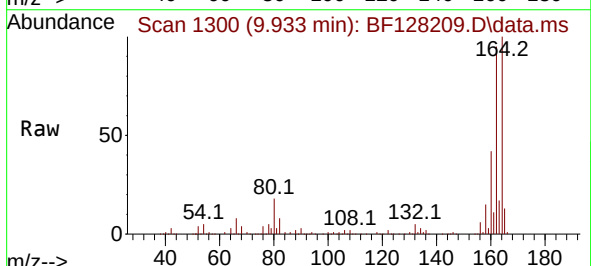
Ion Ratio Lower Upper

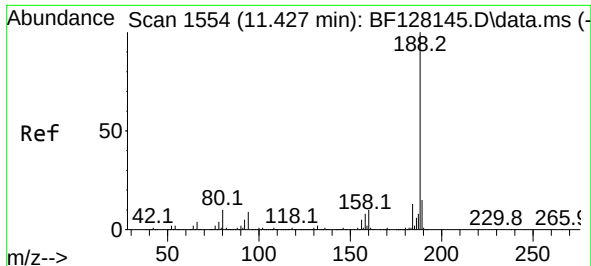
165 100

63 0.0 32.6 49.0#

89 0.9 55.2 82.8#

182 0.0 2.0 3.0#

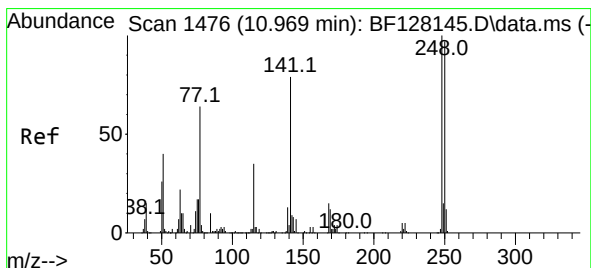
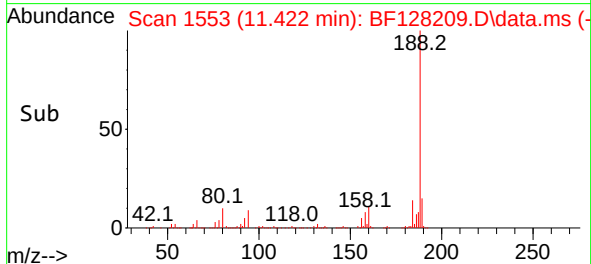
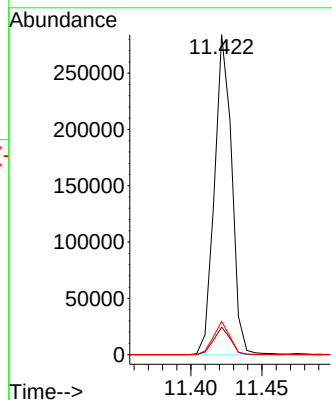
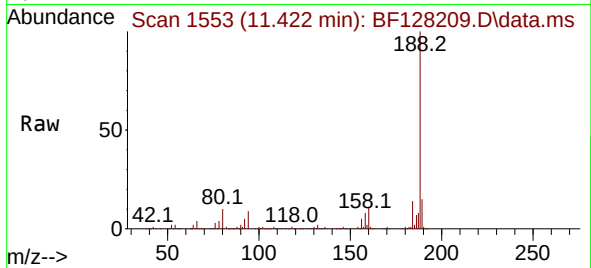




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128209.D
Acq: 11 May 2022 22:12

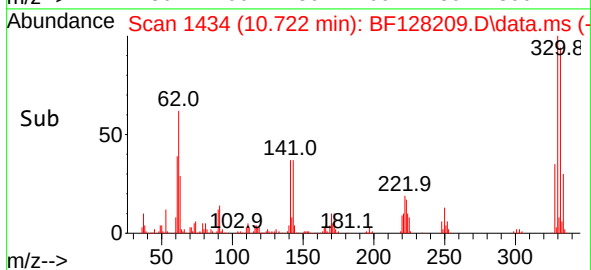
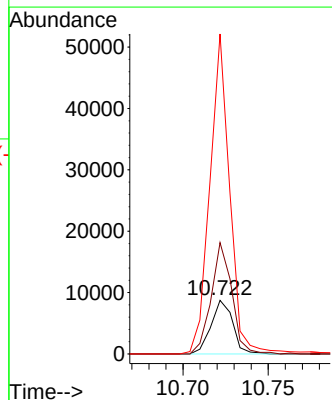
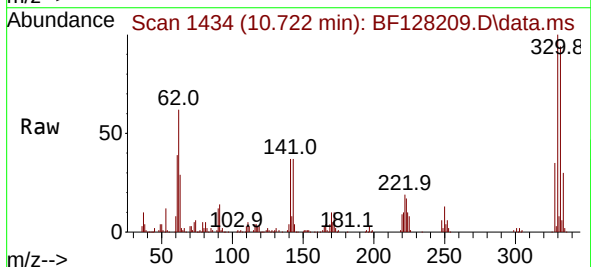
Instrument :
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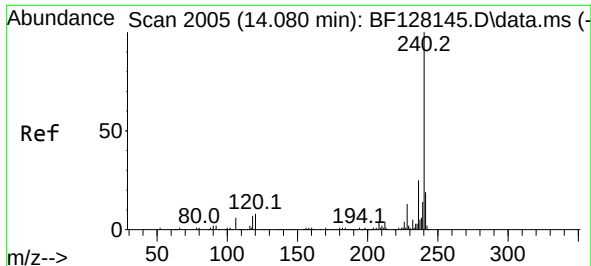
Tgt Ion:188 Resp: 240967
Ion Ratio Lower Upper
188 100
94 8.6 8.0 12.0
80 10.4 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 2.987 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128209.D
Acq: 11 May 2022 22:12

Tgt Ion:248 Resp: 7744
Ion Ratio Lower Upper
248 100
250 207.8 77.7 116.5#
141 596.8 65.6 98.4#

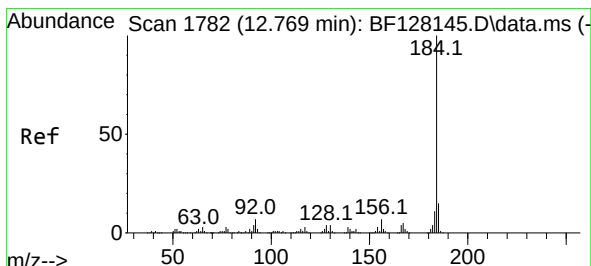
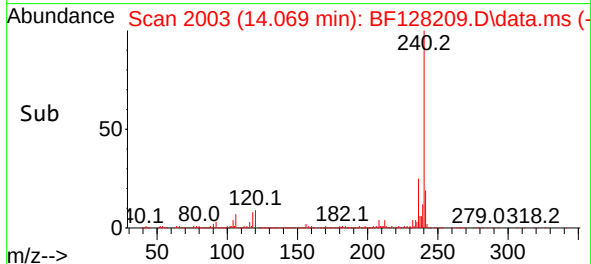
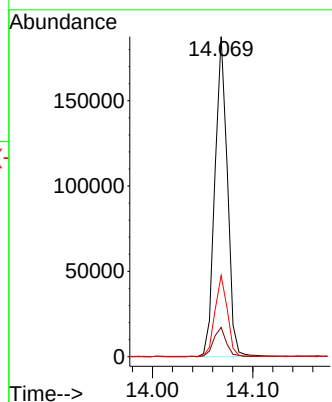
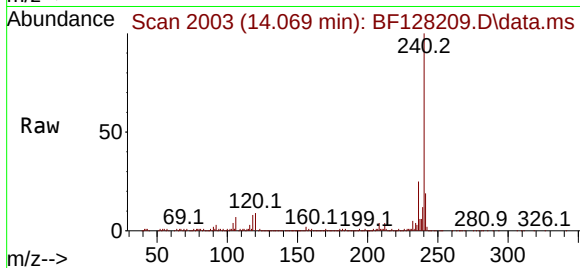




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128209.D
Acq: 11 May 2022 22:12

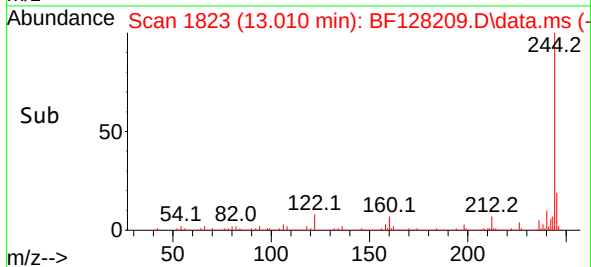
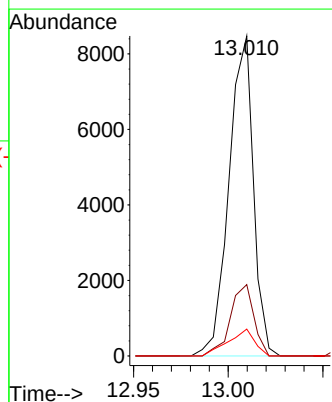
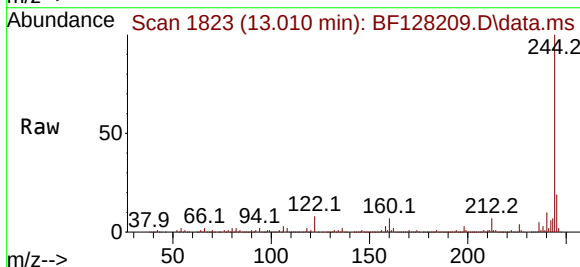
Instrument :
BNA_F
ClientSampleId :
SB19

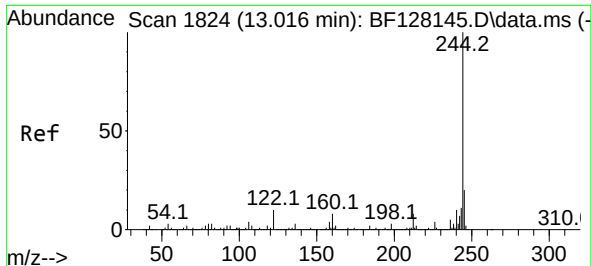
Tgt Ion:240 Resp: 162269
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 25.4 20.3 30.5



#77
Benzidine
Concen: 2.162 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128209.D
Acq: 11 May 2022 22:12

Tgt Ion:184 Resp: 7598
Ion Ratio Lower Upper
184 100
185 22.3 12.1 18.1#
183 8.4 9.0 13.4#

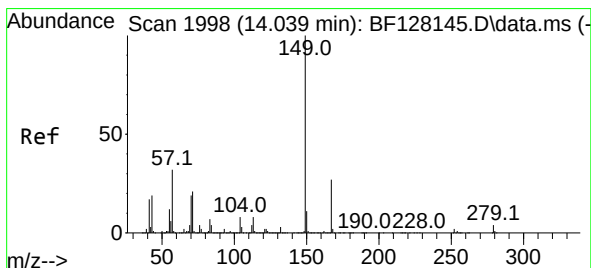
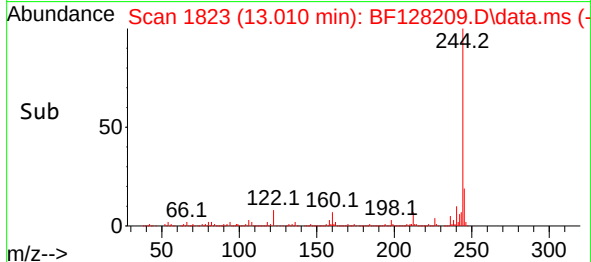
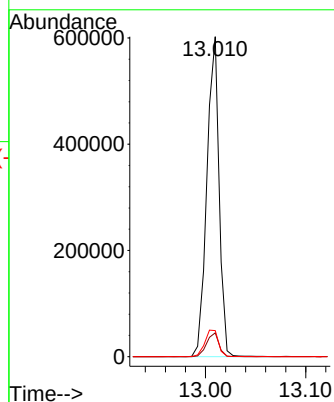
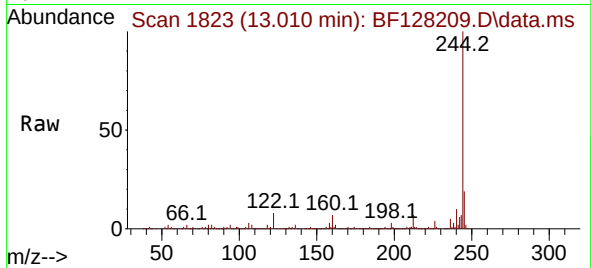




#79
 Terphenyl-d14
 Concen: 59.347 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128209.D
 Acq: 11 May 2022 22:12

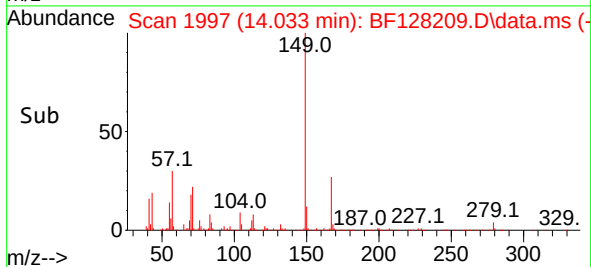
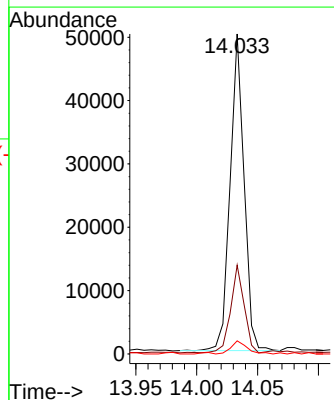
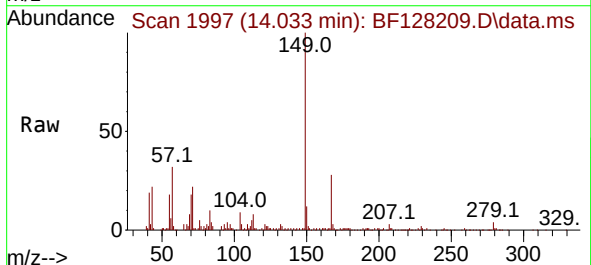
Instrument :
 BNA_F
 ClientSampleId :
 SB19

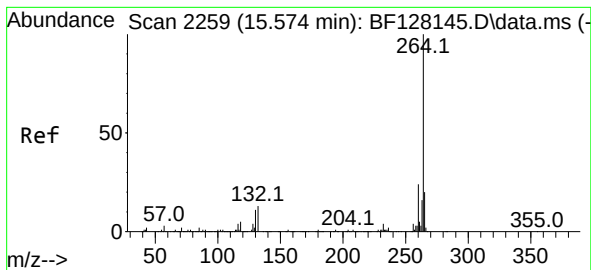
Tgt Ion:244 Resp: 513225
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 8.2 8.6 12.8#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.021 ng
 RT: 14.033 min Scan# 1997
 Delta R.T. -0.006 min
 Lab File: BF128209.D
 Acq: 11 May 2022 22:12

Tgt Ion:149 Resp: 39795
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.0 33.0
 279 4.1 3.4 5.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF128209.D
Acq: 11 May 2022 22:12

Instrument :
BNA_F
ClientSampleId :
SB19

Tgt Ion:264 Resp: 158700

Ion	Ratio	Lower	Upper
264	100		
260	23.1	20.1	30.1
265	21.8	17.5	26.3

