

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128204.D
 Acq On : 11 May 2022 19:47
 Operator : CG\JU
 Sample : N2762-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB17

Quant Time: May 12 06:01:05 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)

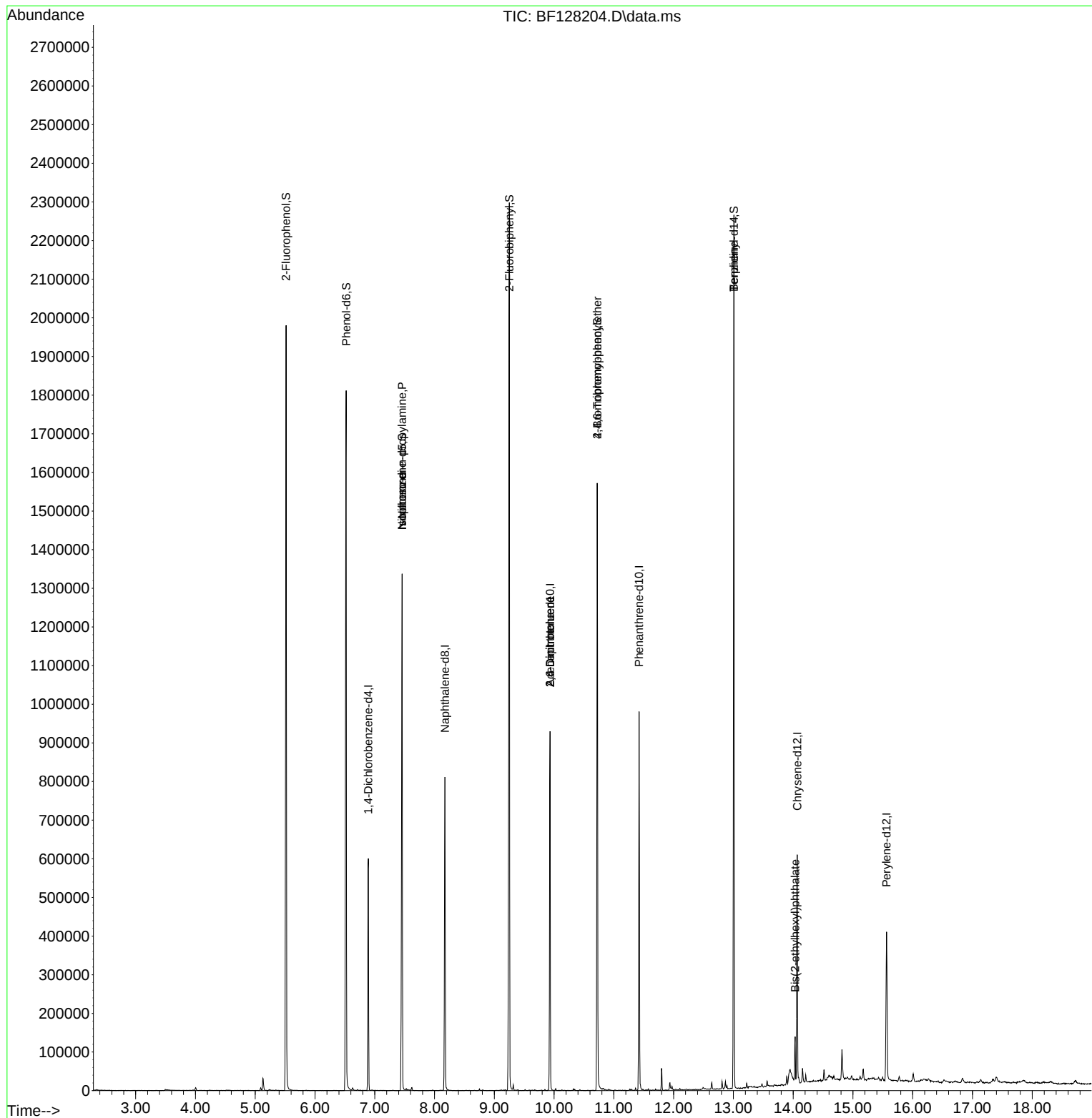
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	86629	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	338271	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	190579	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	334282	20.000	ng	0.00
76) Chrysene-d12	14.068	240	201345	20.000	ng	-0.01
86) Perylene-d12	15.563	264	166990	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	469468	86.391	ng	0.00
7) Phenol-d6	6.522	99	624566	86.895	ng	0.00
23) Nitrobenzene-d5	7.457	82	449698	59.819	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	185582	84.907	ng	-0.01
45) 2-Fluorobiphenyl	9.251	172	723601	59.409	ng	0.00
79) Terphenyl-d14	13.010	244	722547	67.337	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.522	77	1116	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	61284	13.845	ng	# 78
25) Isophorone	7.457	82	447916	38.004	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	23828	8.832	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	23828	6.605	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	11225	3.121	ng	# 1
77) Benzidine	13.010	184	10349	2.373	ng	# 97
84) Bis(2-ethylhexyl)phtha...	14.033	149	29328	3.576	ng	98

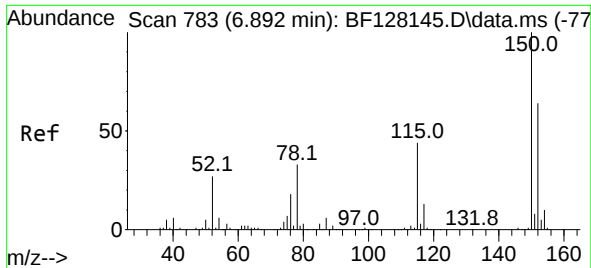
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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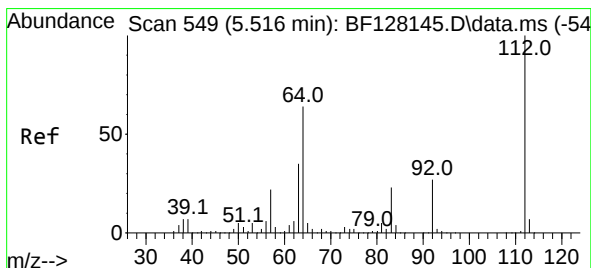
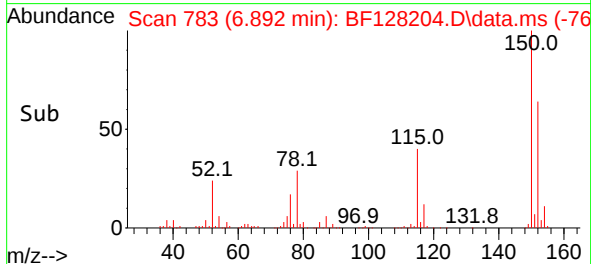
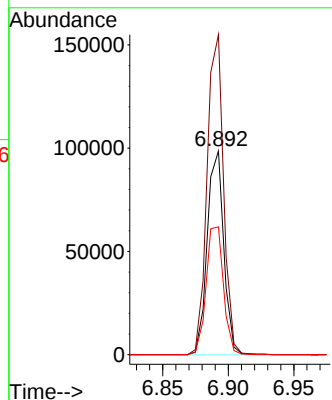
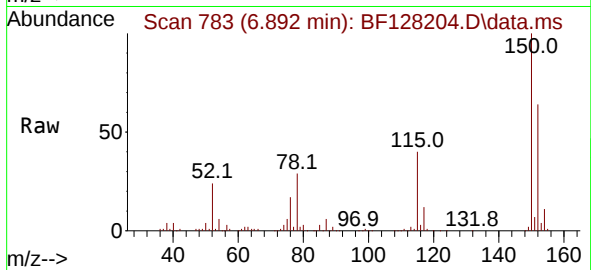




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

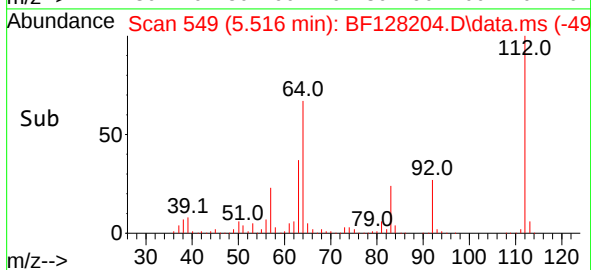
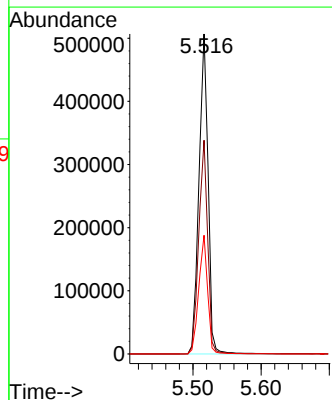
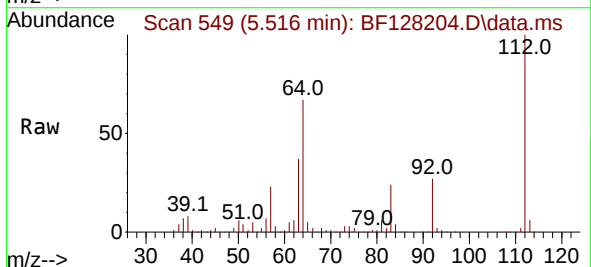
Instrument :
BNA_F
ClientSampleId :
SB17

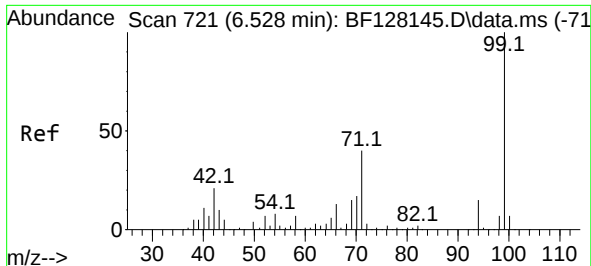
Tgt Ion:152 Resp: 86629
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 62.8 48.8 73.2



#5
2-Fluorophenol
Concen: 86.391 ng
RT: 5.516 min Scan# 549
Delta R.T. 0.000 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

Tgt Ion:112 Resp: 469468
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 37.1 26.3 39.5

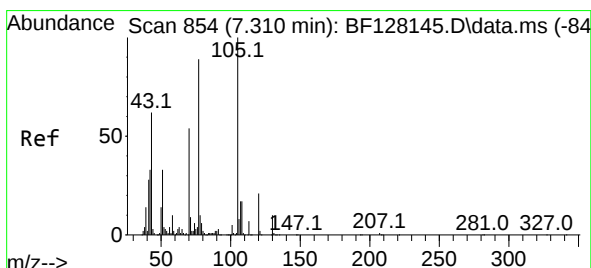
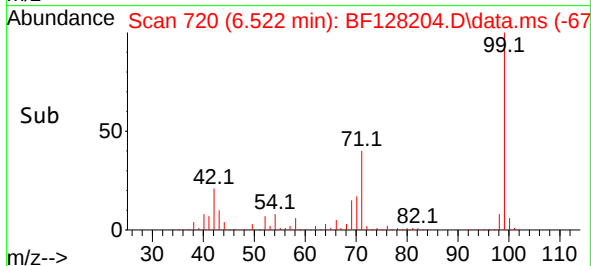
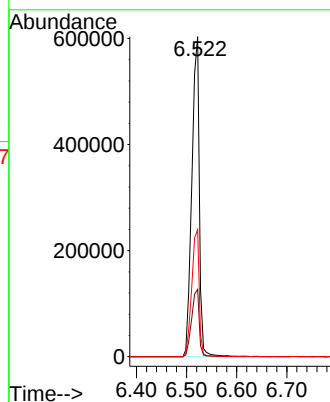
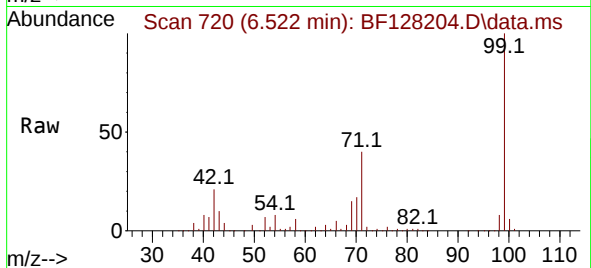




#7
Phenol-d6
Concen: 86.895 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

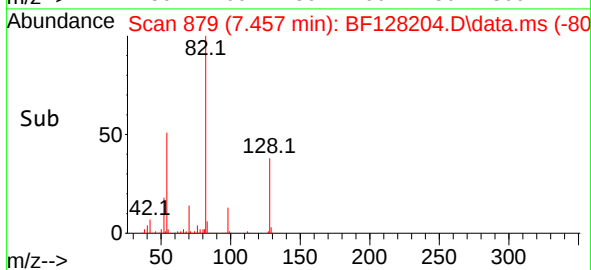
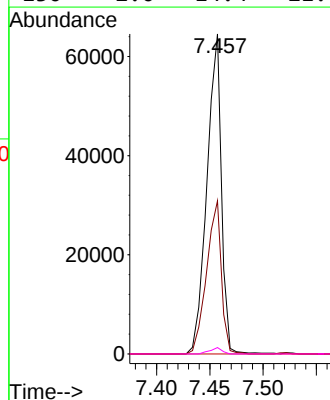
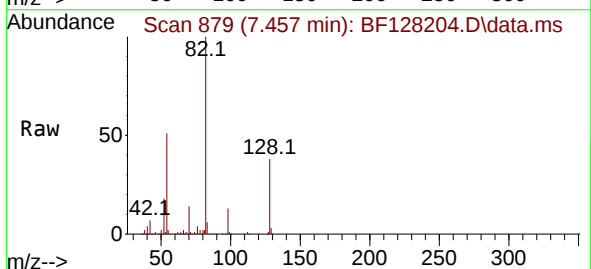
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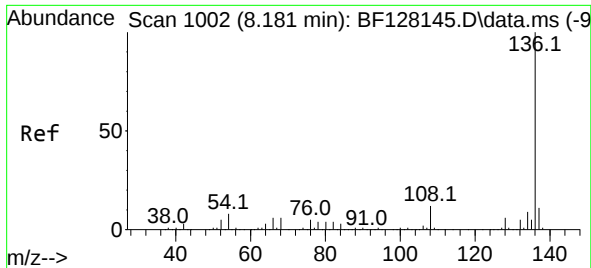
Tgt Ion: 99 Resp: 624566
Ion Ratio Lower Upper
99 100
42 21.0 16.6 24.8
71 39.7 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.845 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

Tgt Ion: 70 Resp: 61284
Ion Ratio Lower Upper
70 100
42 47.8 48.7 73.1#
101 0.0 7.2 10.8#
130 2.0 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: BF128204.D

Acq: 11 May 2022 19:47

Instrument :

BNA_F

ClientSampleId :

SB17

Tgt Ion:136 Resp: 338271

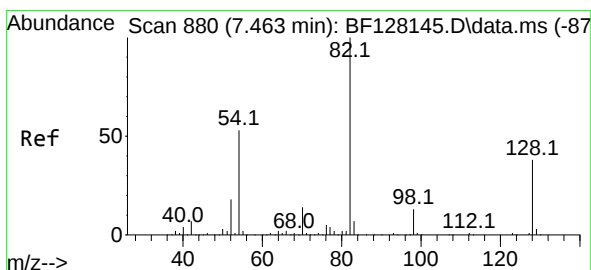
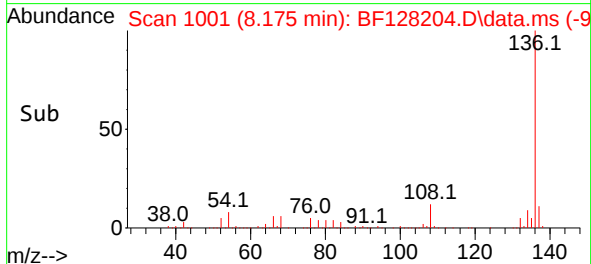
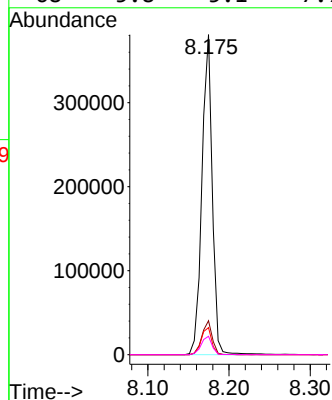
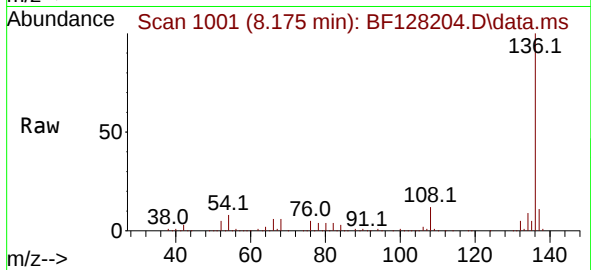
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.5 6.8 10.2

68 5.8 5.1 7.7



#23

Nitrobenzene-d5

Concen: 59.819 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF128204.D

Acq: 11 May 2022 19:47

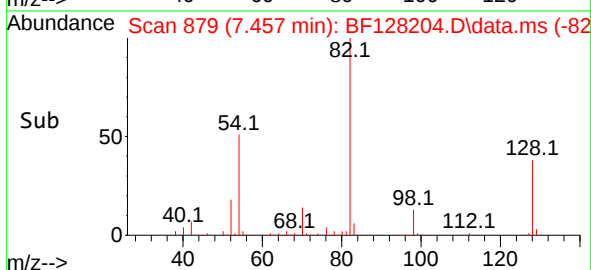
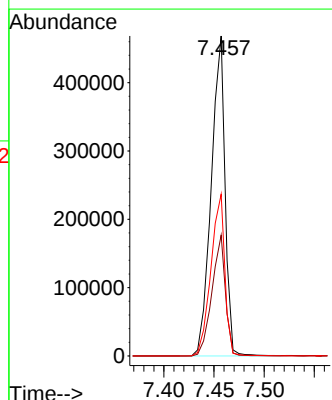
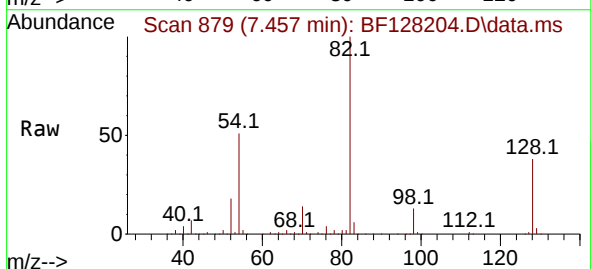
Tgt Ion: 82 Resp: 449698

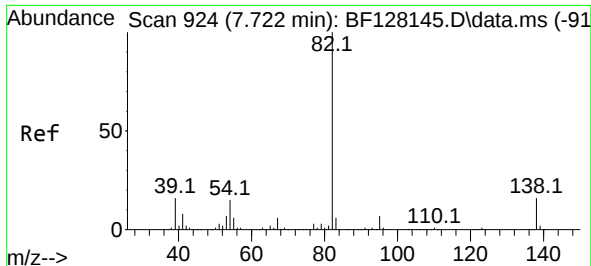
Ion Ratio Lower Upper

82 100

128 37.7 30.0 45.0

54 50.5 41.3 61.9

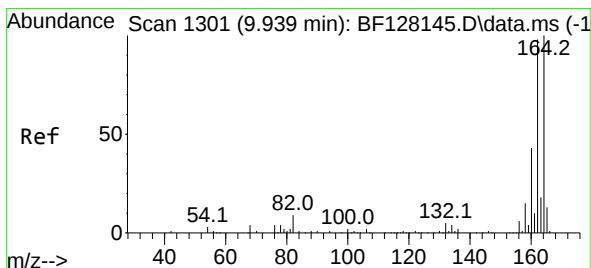
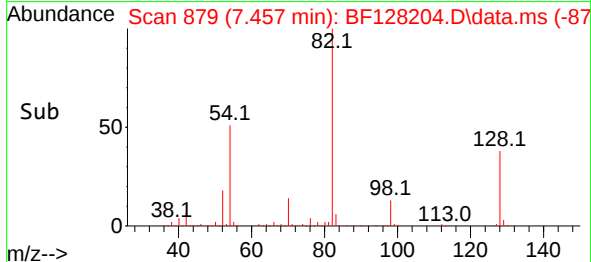
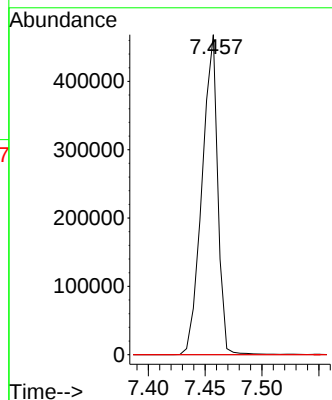
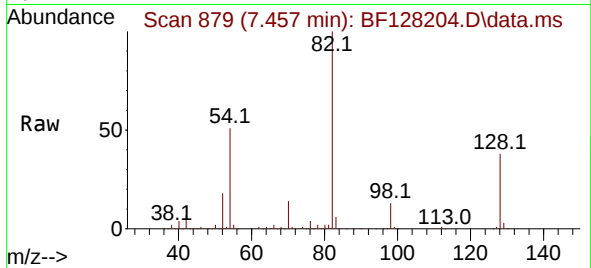




#25
Isophorone
Concen: 38.004 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

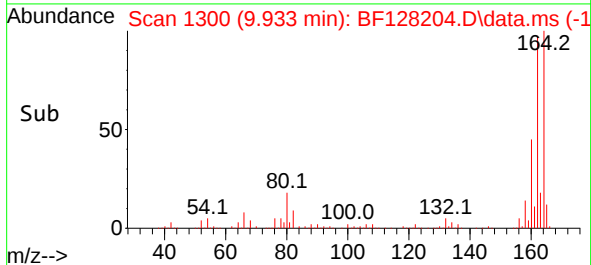
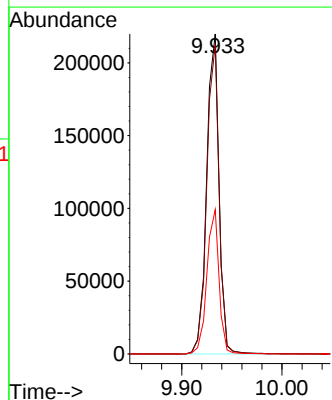
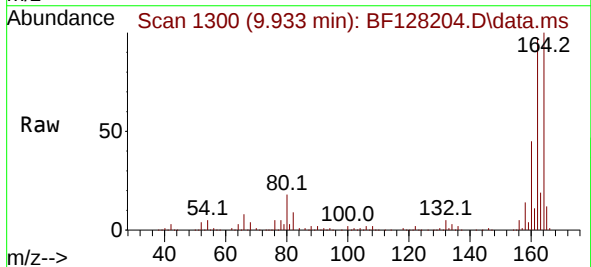
Instrument :
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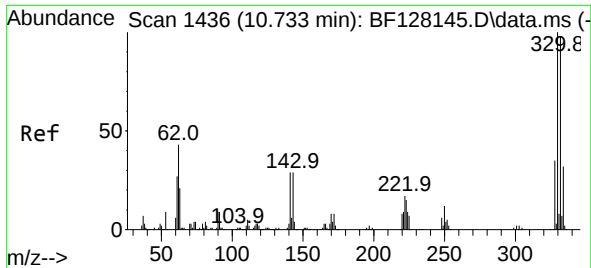
Tgt Ion: 82 Resp: 447916
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

Tgt Ion: 164 Resp: 190579
Ion Ratio Lower Upper
164 100
162 96.7 76.0 114.0
160 45.1 34.8 52.2

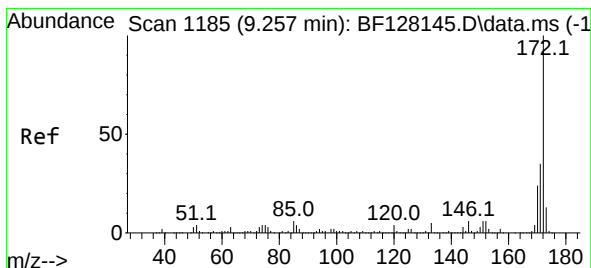
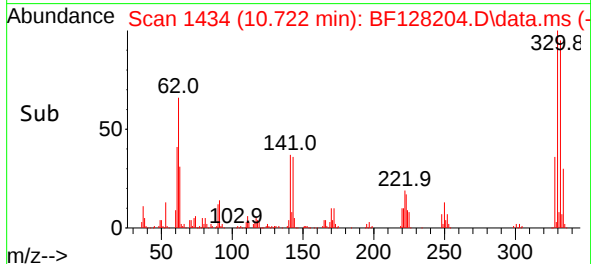
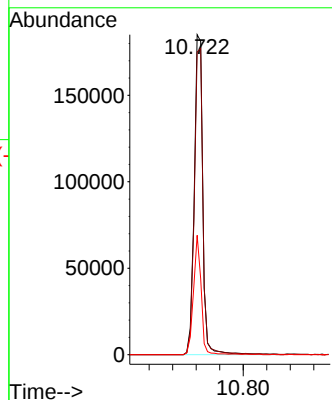
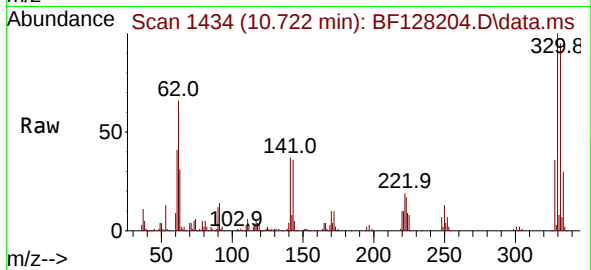




#42
2,4,6-Tribromophenol
Concen: 84.907 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.012 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

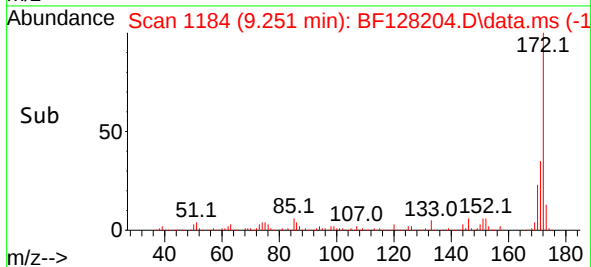
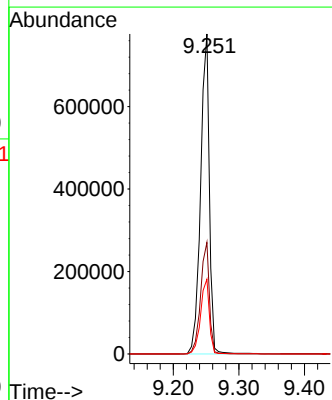
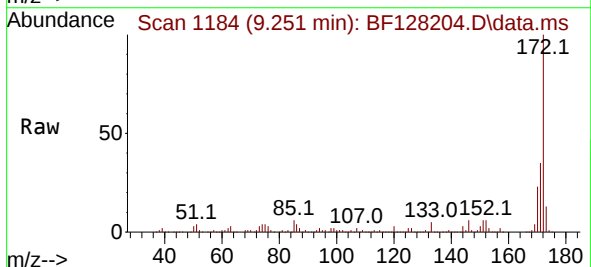
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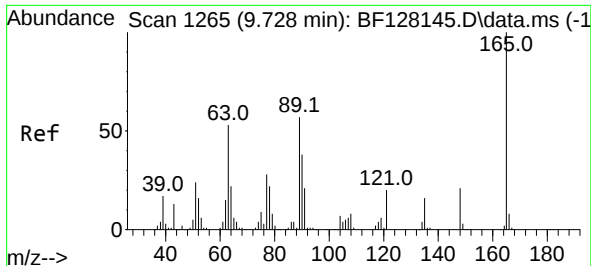
Tgt Ion:330 Resp: 185582
Ion Ratio Lower Upper
330 100
332 95.8 79.0 118.4
141 33.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 59.409 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

Tgt Ion:172 Resp: 723601
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 23.3 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.832 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128204.D

Acq: 11 May 2022 19:47

Instrument :

BNA_F

ClientSampleId :

SB17

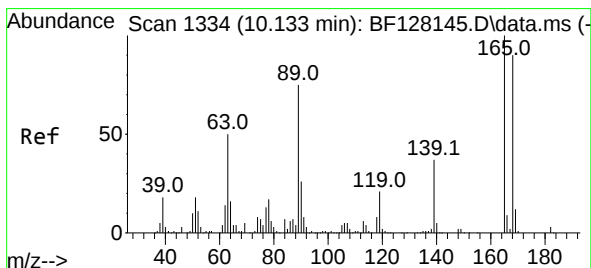
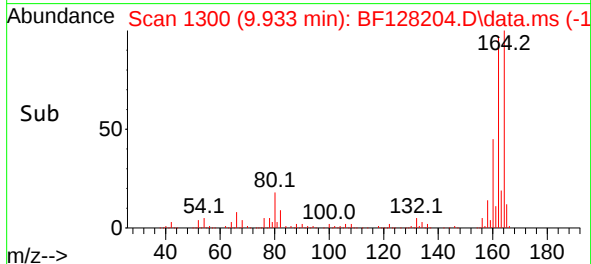
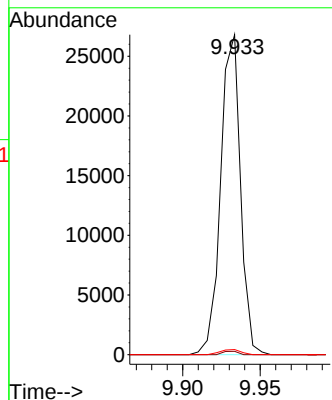
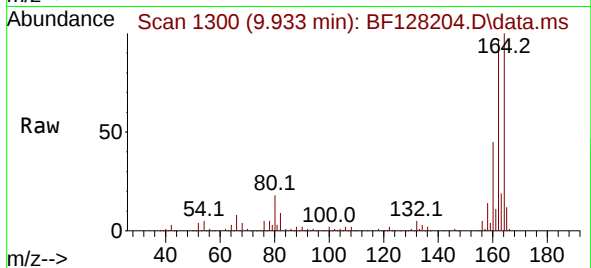
Tgt Ion:165 Resp: 23828

Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 1.6 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.605 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.200 min

Lab File: BF128204.D

Acq: 11 May 2022 19:47

Tgt Ion:165 Resp: 23828

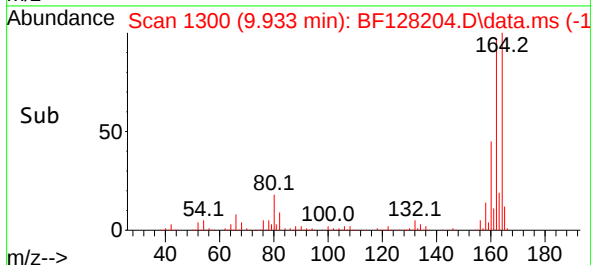
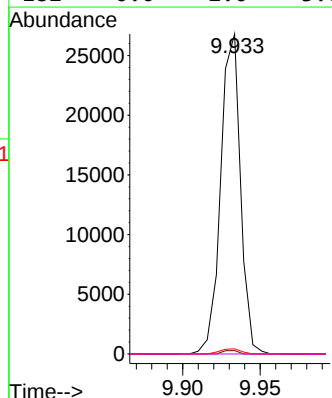
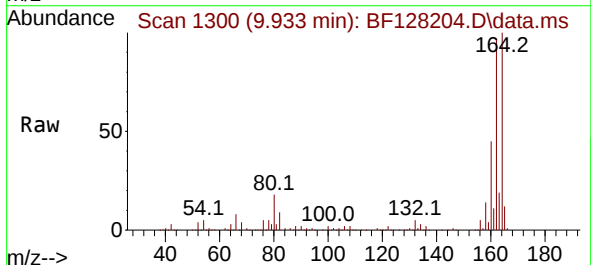
Ion Ratio Lower Upper

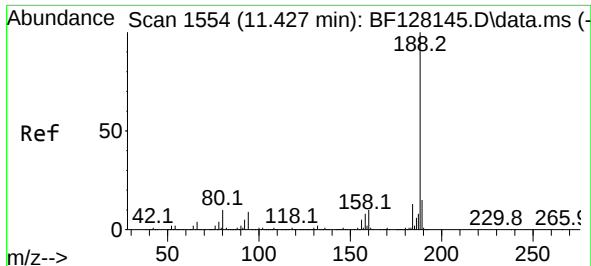
165 100

63 1.1 32.6 49.0#

89 1.6 55.2 82.8#

182 0.0 2.0 3.0#

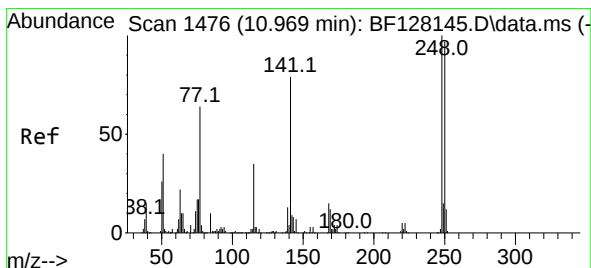
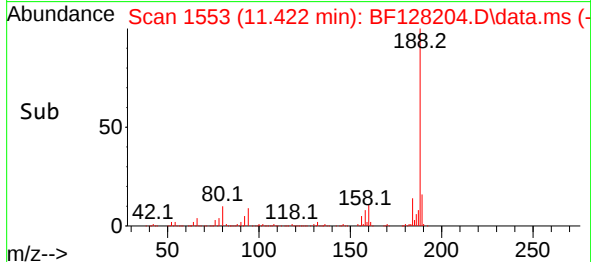
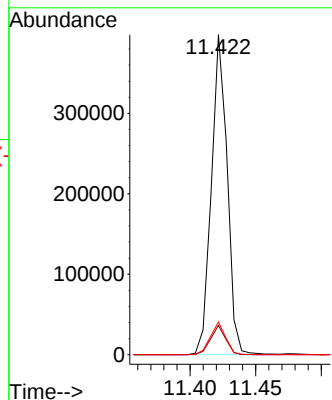
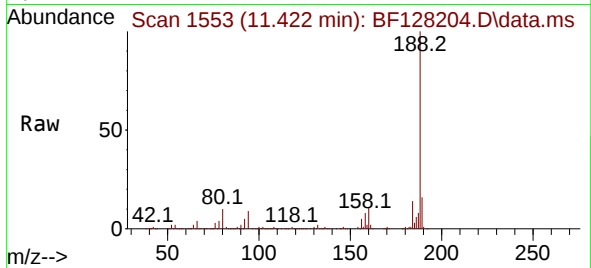




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

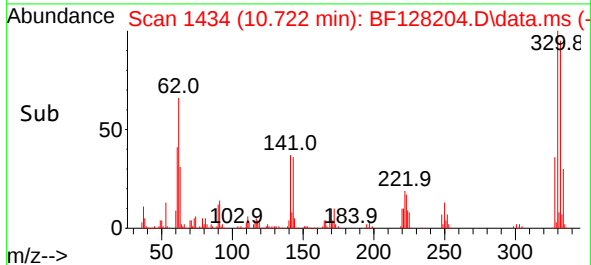
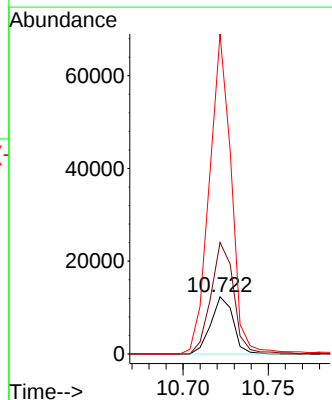
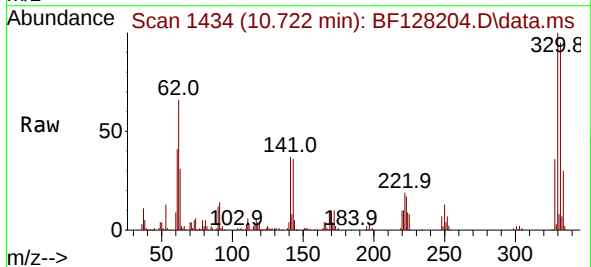
Instrument :
BNA_F
ClientSampleId :
SB17

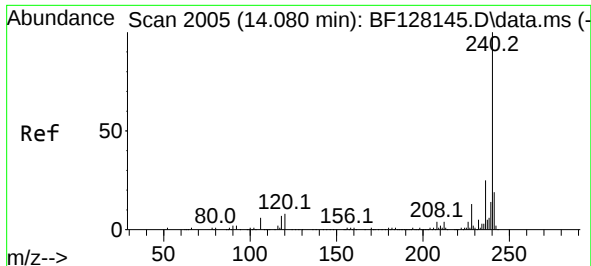
Tgt Ion:188 Resp: 334282
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 10.2 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.121 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

Tgt Ion:248 Resp: 11225
Ion Ratio Lower Upper
248 100
250 195.3 77.7 116.5#
141 560.4 65.6 98.4#

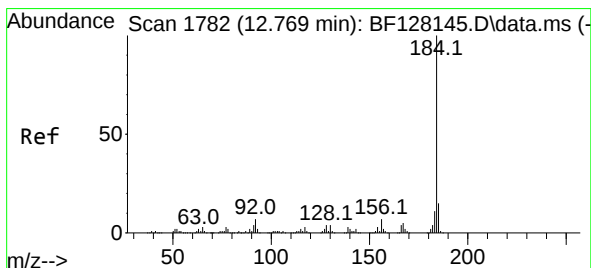
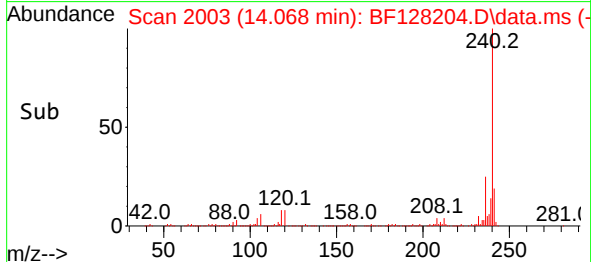
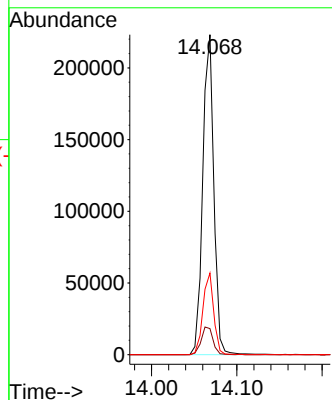
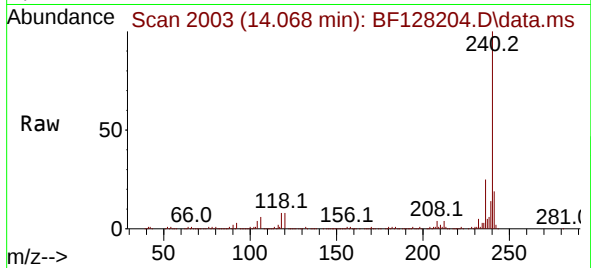




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

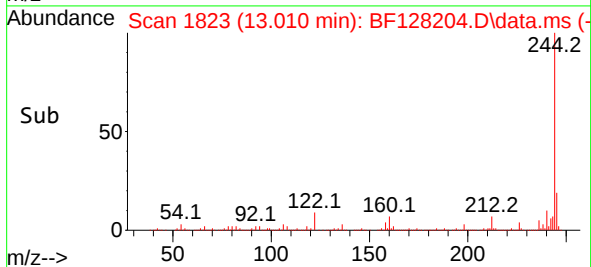
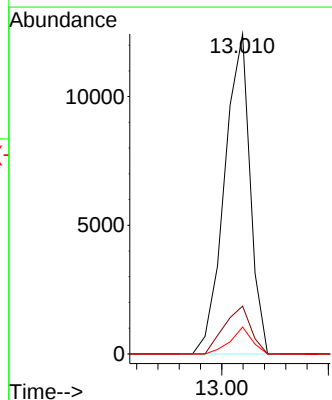
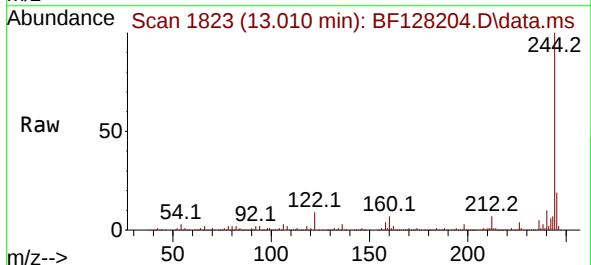
Instrument :
BNA_F
ClientSampleId :
SB17

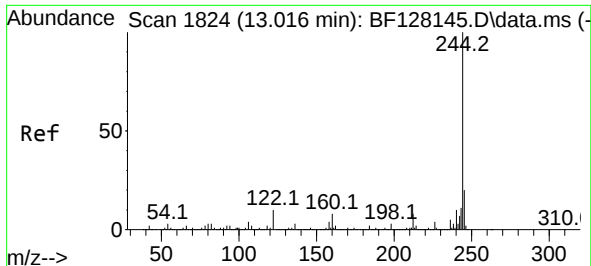
Tgt Ion:240 Resp: 201345
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.5 20.3 30.5



#77
Benzidine
Concen: 2.373 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128204.D
Acq: 11 May 2022 19:47

Tgt Ion:184 Resp: 10349
Ion Ratio Lower Upper
184 100
185 15.0 12.1 18.1
183 8.4 9.0 13.4#

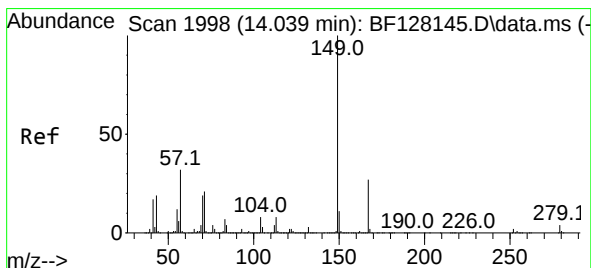
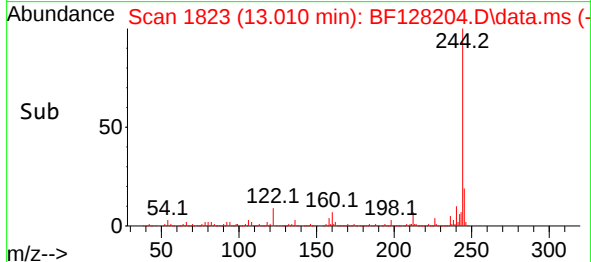
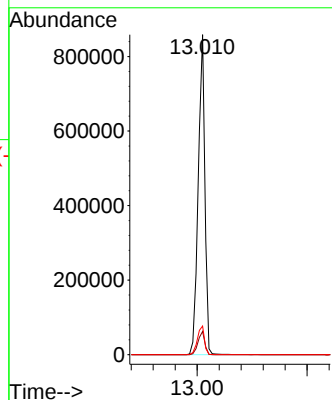
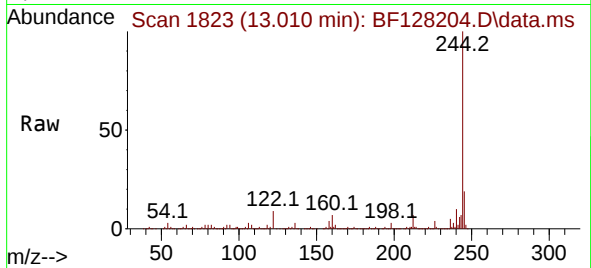




#79
 Terphenyl-d14
 Concen: 67.337 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128204.D
 Acq: 11 May 2022 19:47

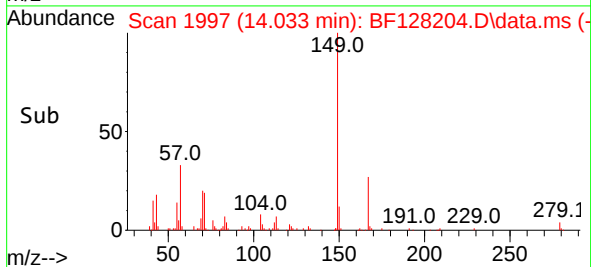
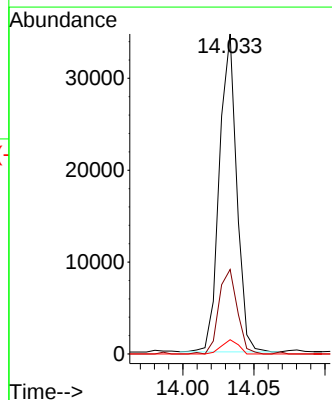
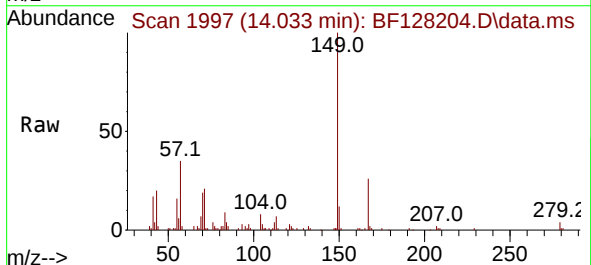
Instrument :
 BNA_F
 ClientSampleId :
 SB17

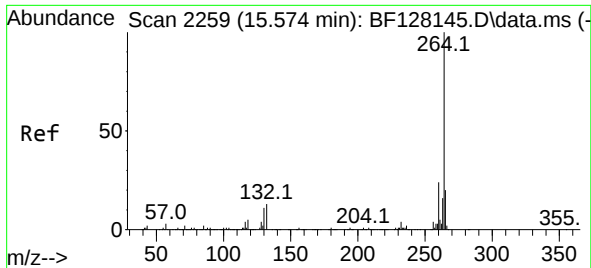
Tgt Ion:244 Resp: 722547
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 9.0 8.6 12.8



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.576 ng
 RT: 14.033 min Scan# 1997
 Delta R.T. -0.006 min
 Lab File: BF128204.D
 Acq: 11 May 2022 19:47

Tgt Ion:149 Resp: 29328
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.0 33.0
 279 4.4 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: BF128204.D
 Acq: 11 May 2022 19:47

Instrument :
 BNA_F
 ClientSampleId :
 SB17

Tgt Ion:264 Resp: 166990
 Ion Ratio Lower Upper
 264 100
 260 23.9 20.1 30.1
 265 21.4 17.5 26.3

