

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128189.D
 Acq On : 11 May 2022 12:01
 Operator : CG\JU
 Sample : PB144701TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144701TB

Quant Time: May 12 05:59:07 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)

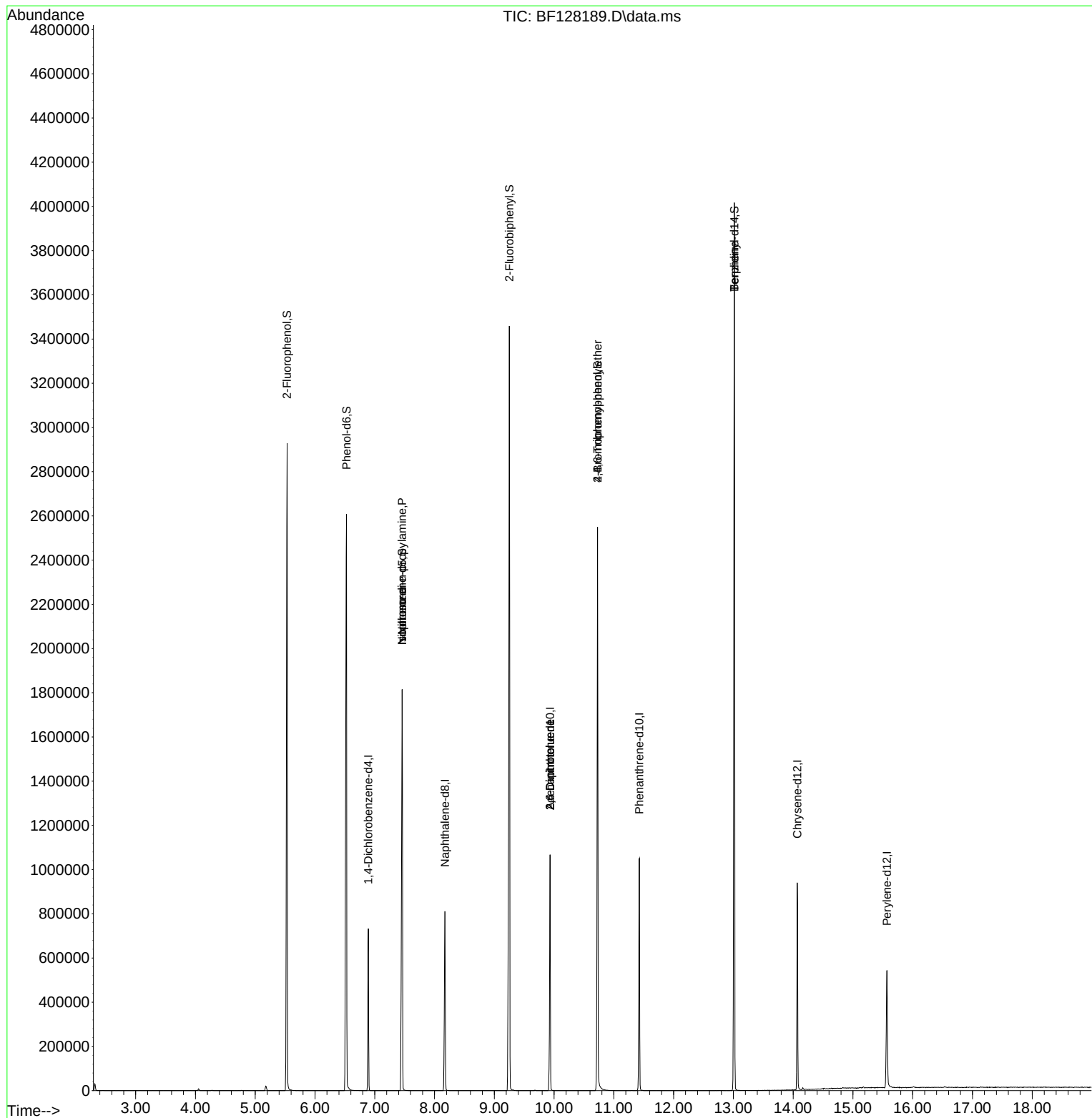
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	101175	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	393518	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	228656	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	422764	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	326793	20.000	ng	-0.01
86) Perylene-d12	15.568	264	270336	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	784428	123.596	ng	0.02
7) Phenol-d6	6.528	99	1044692	124.450	ng	0.00
23) Nitrobenzene-d5	7.457	82	760908	87.006	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	324650	123.799	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1257826	86.073	ng	0.00
79) Terphenyl-d14	13.015	244	1527584	87.713	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.522	77	1966	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	105023	20.316	ng	# 80
25) Isophorone	7.457	82	757550	55.252	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	28739	8.879	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	28739	6.640	ng	# 25
67) 4-Bromophenyl-phenylether	10.727	248	19398	4.265	ng	# 1
77) Benizidine	13.015	184	21843	3.086	ng	# 92

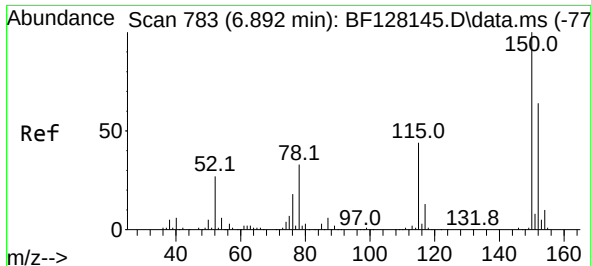
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
Data File : BF128189.D
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QLast Update : Mon May 09 15:30:11 2022
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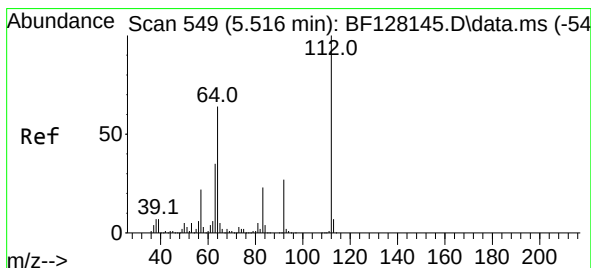
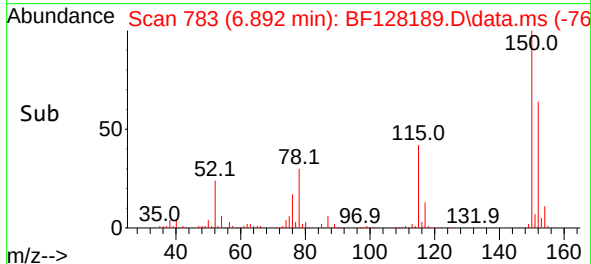
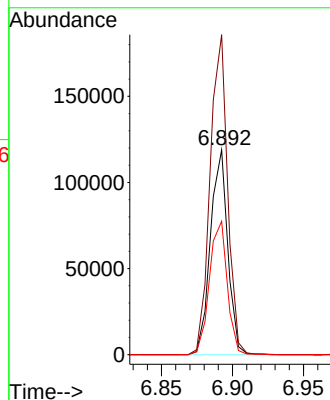
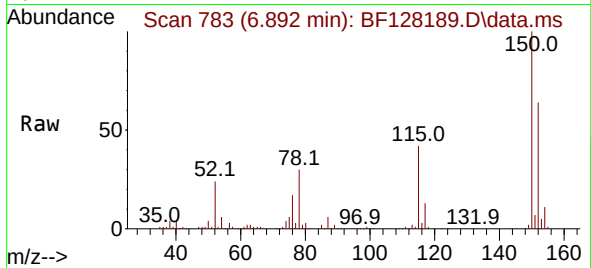




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

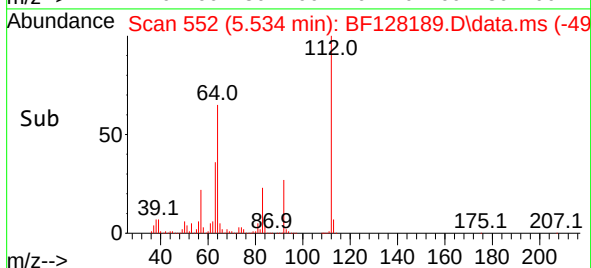
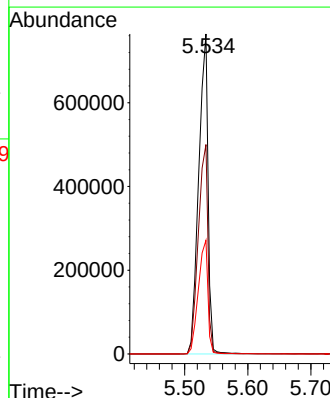
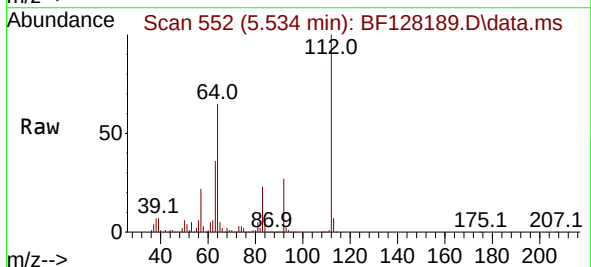
Instrument :
BNA_F
ClientSampleId :
PB144701TB

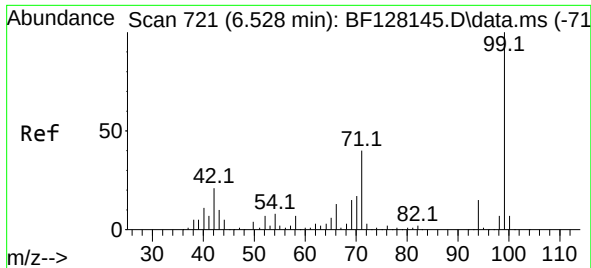
Tgt Ion:152 Resp: 101175
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 65.2 48.8 73.2



#5
2-Fluorophenol
Concen: 123.596 ng
RT: 5.534 min Scan# 552
Delta R.T. 0.018 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion:112 Resp: 784428
Ion Ratio Lower Upper
112 100
64 65.4 49.5 74.3
63 35.5 26.3 39.5

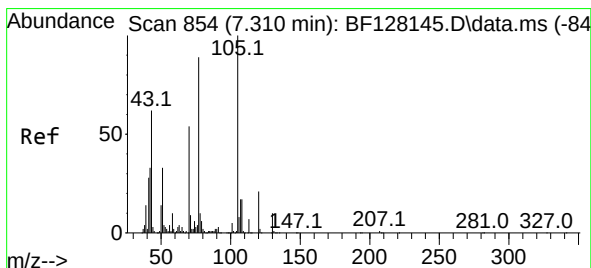
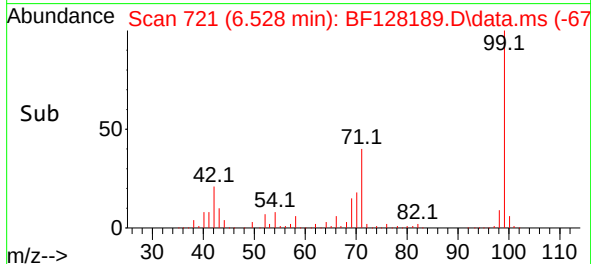
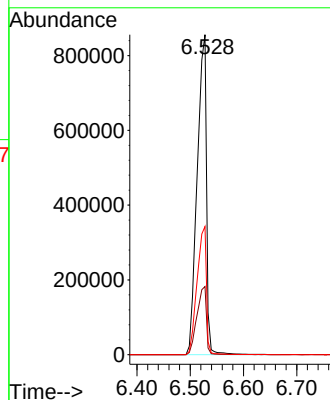
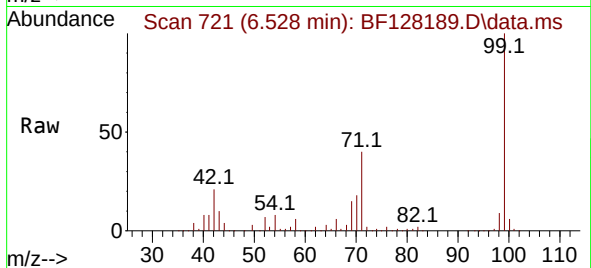




#7
Phenol-d6
Concen: 124.450 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

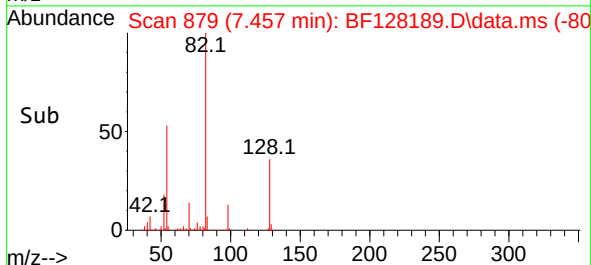
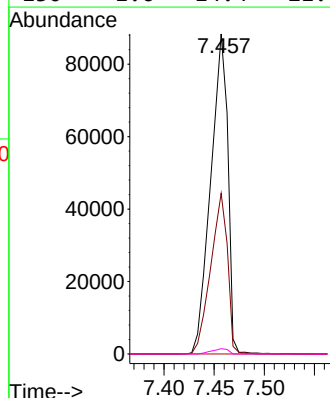
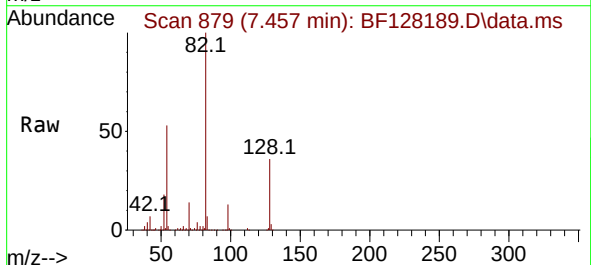
Instrument :
BNA_F
ClientSampleId :
PB144701TB

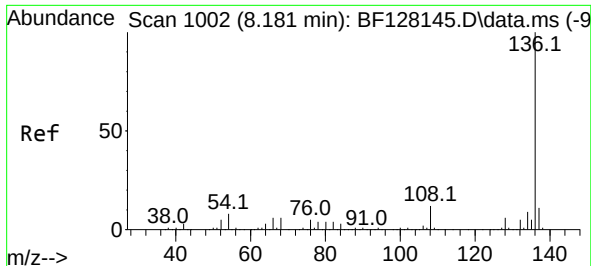
Tgt Ion: 99 Resp: 1044692
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 40.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.316 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion: 70 Resp: 105023
Ion Ratio Lower Upper
70 100
42 50.2 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#

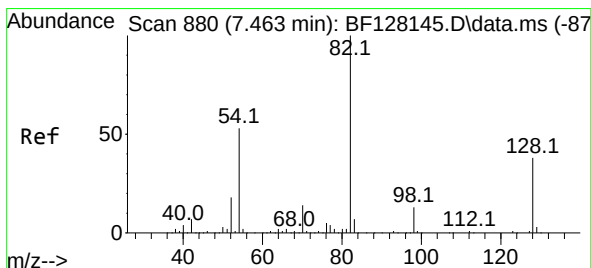
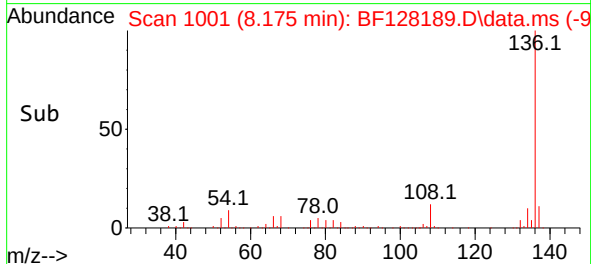
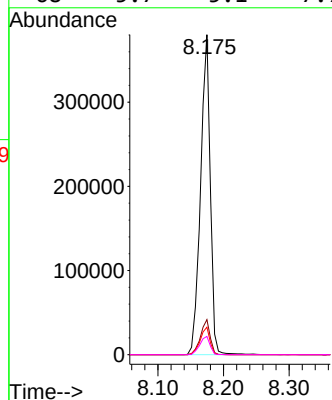
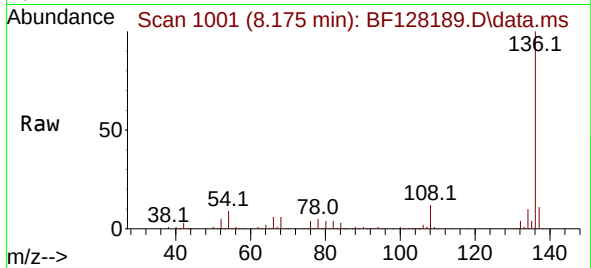




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

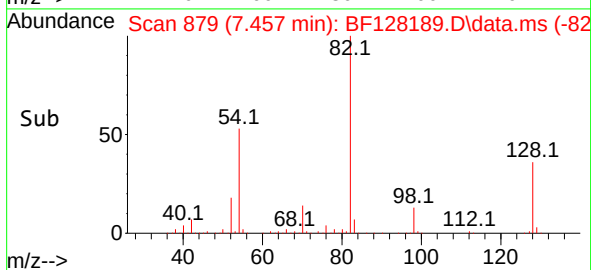
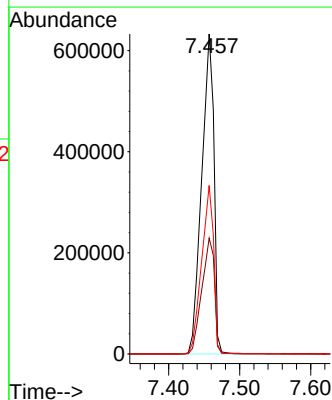
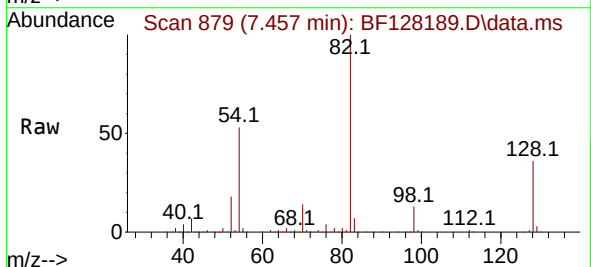
Instrument :
BNA_F
ClientSampleId :
PB144701TB

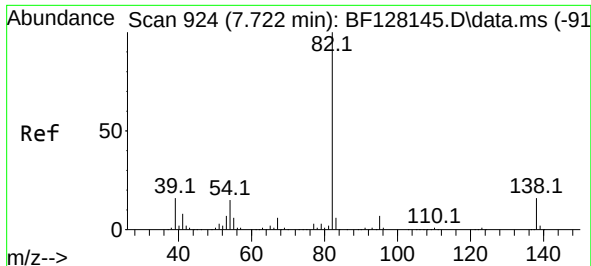
Tgt Ion:136 Resp: 393518
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.6 6.8 10.2
68 5.7 5.1 7.7



#23
Nitrobenzene-d5
Concen: 87.006 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion: 82 Resp: 760908
Ion Ratio Lower Upper
82 100
128 36.2 30.0 45.0
54 52.6 41.3 61.9

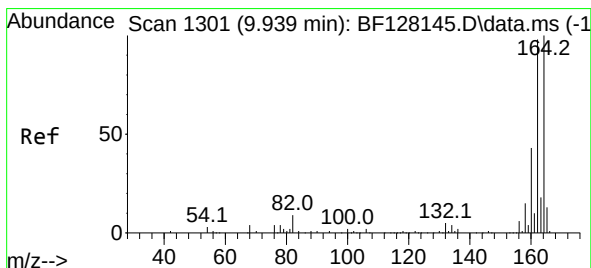
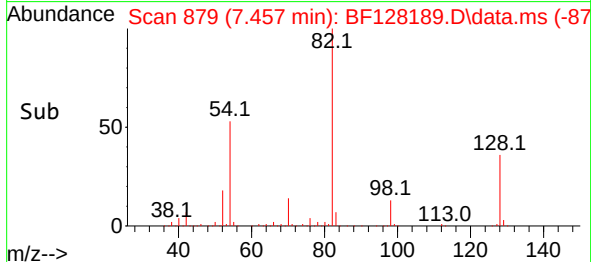
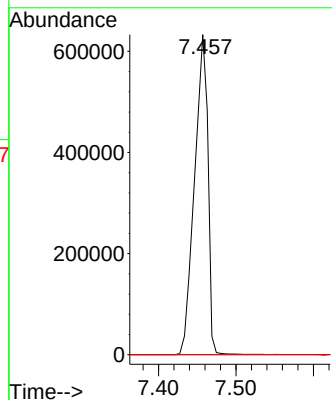
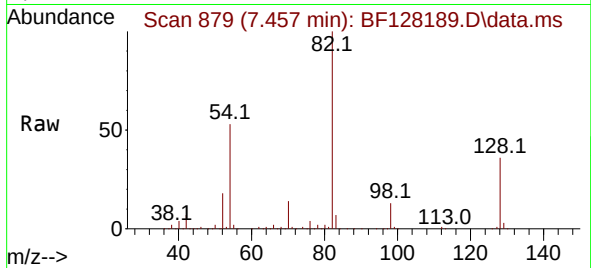




#25
Isophorone
Concen: 55.252 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

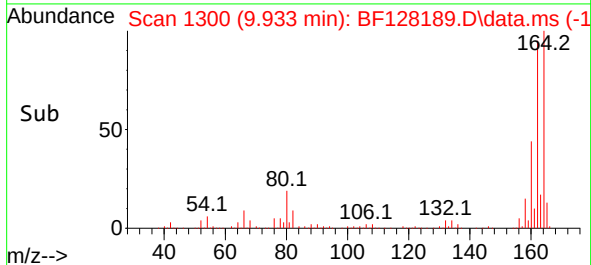
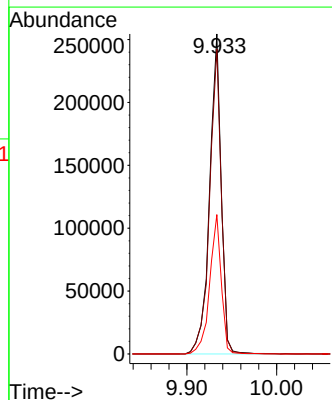
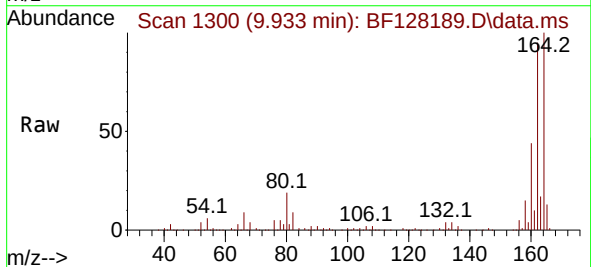
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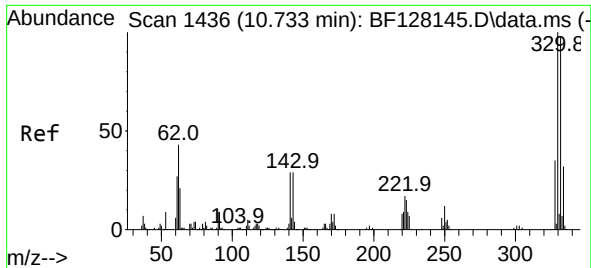
Tgt Ion: 82 Resp: 757550
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion:164 Resp: 228656
Ion Ratio Lower Upper
164 100
162 95.3 76.0 114.0
160 43.6 34.8 52.2

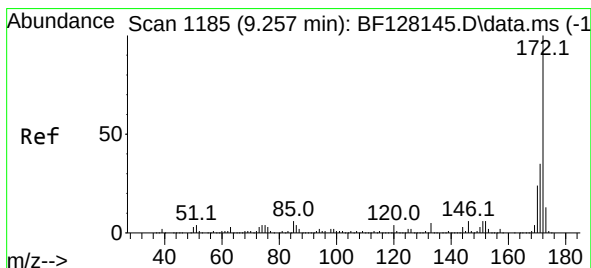
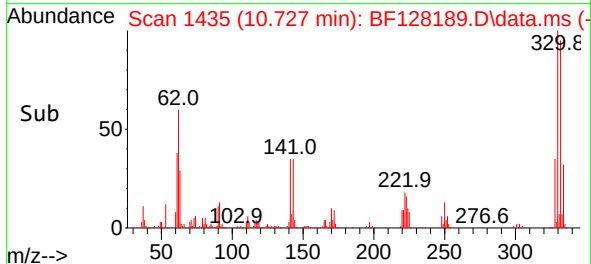
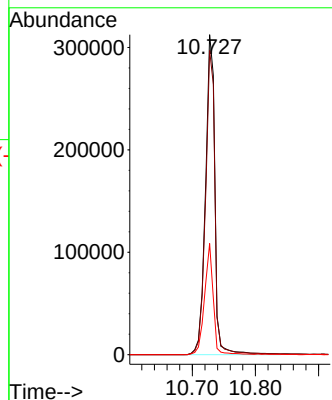
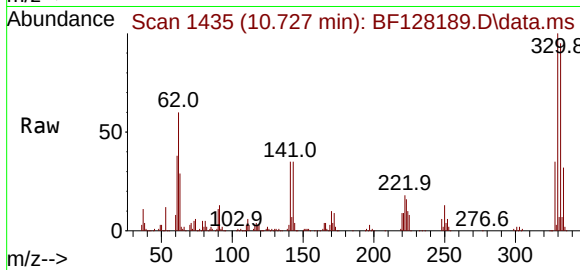




#42
2,4,6-Tribromophenol
Concen: 123.799 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

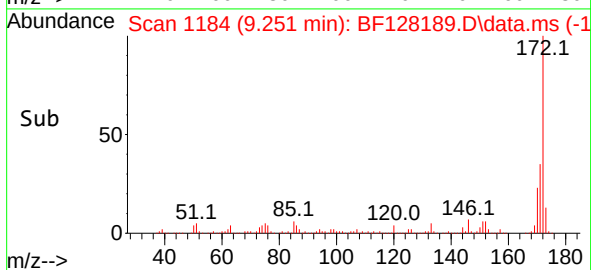
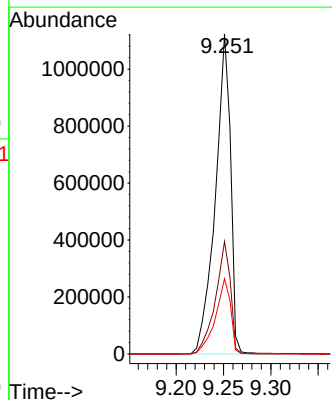
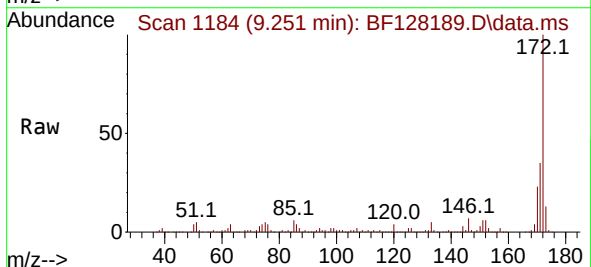
Instrument :
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ClientSampleId :
PB144701TB

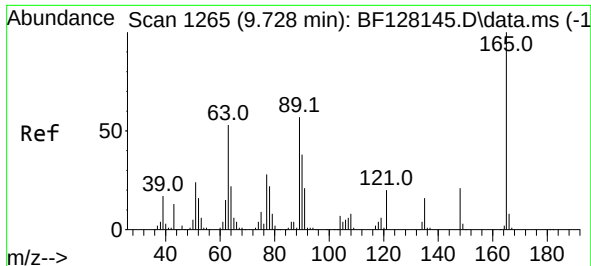
Tgt Ion:330 Resp: 324650
Ion Ratio Lower Upper
330 100
332 95.5 79.0 118.4
141 32.0 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 86.073 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion:172 Resp: 1257826
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.5 19.1 28.7

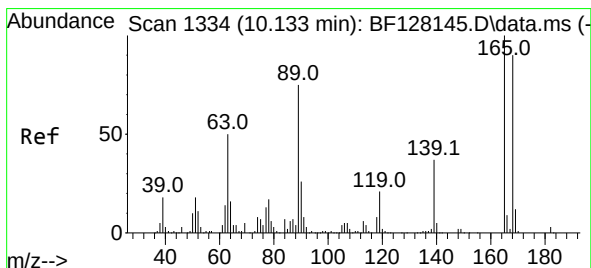
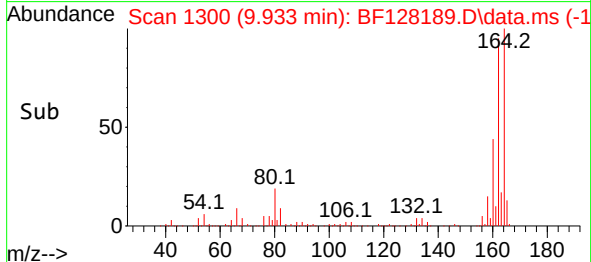
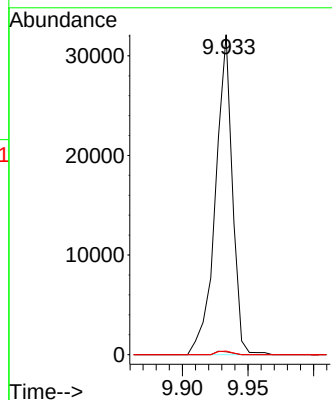
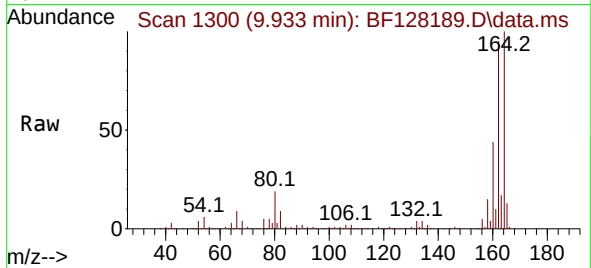




#51
2,6-Dinitrotoluene
Concen: 8.879 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

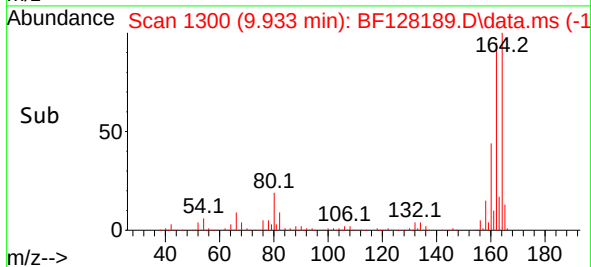
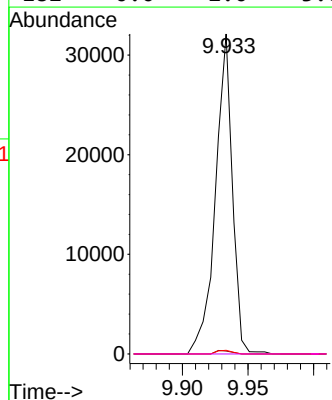
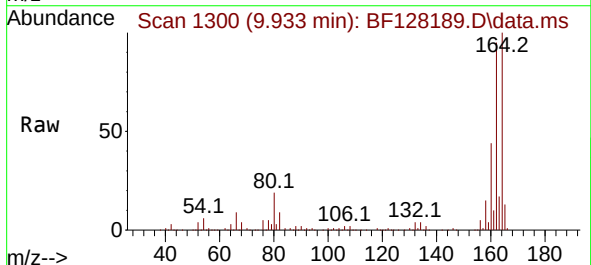
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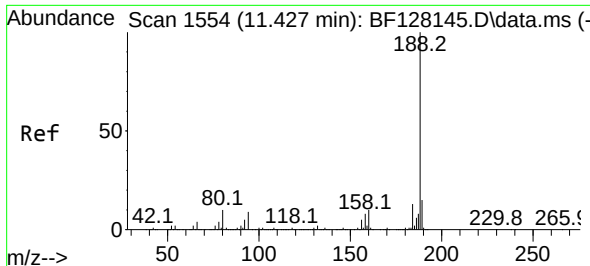
Tgt Ion:165 Resp: 28739
Ion Ratio Lower Upper
165 100
63 0.9 49.5 74.3#
89 1.1 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.640 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion:165 Resp: 28739
Ion Ratio Lower Upper
165 100
63 0.9 32.6 49.0#
89 1.1 55.2 82.8#
182 0.0 2.0 3.0#

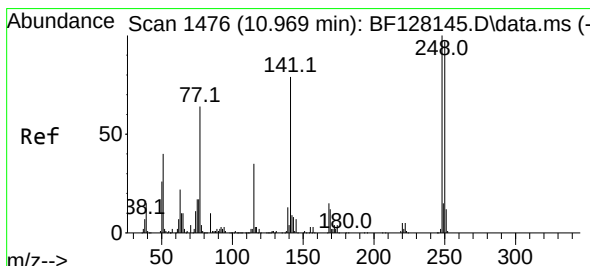
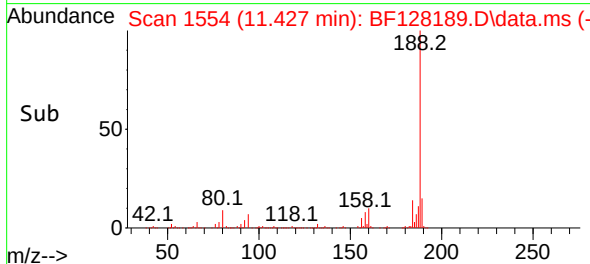
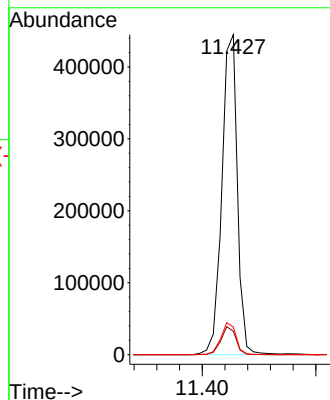
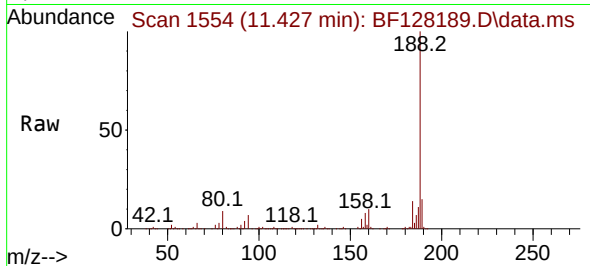




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

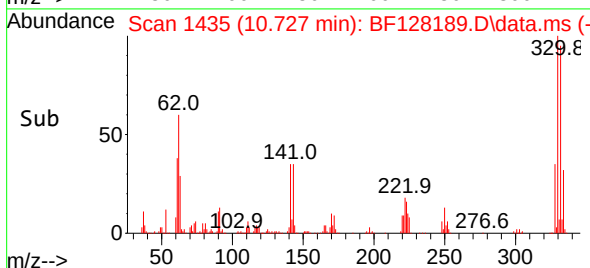
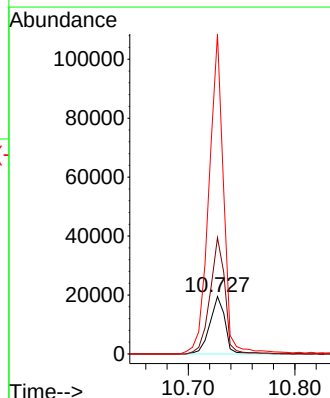
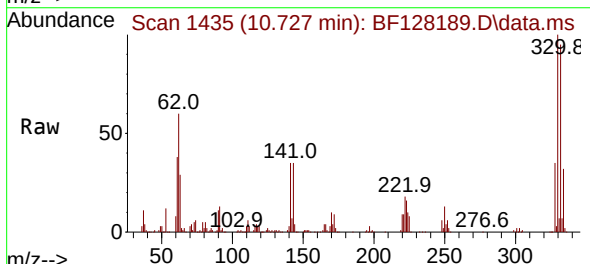
Instrument :
BNA_F
ClientSampleId :
PB144701TB

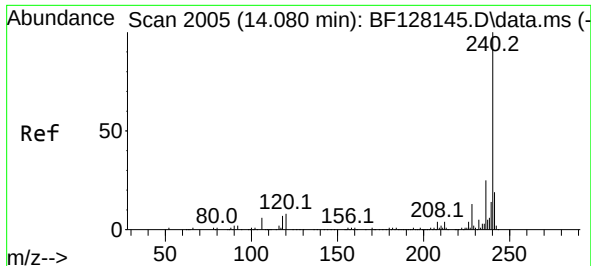
Tgt Ion:188 Resp: 422764
Ion Ratio Lower Upper
188 100
94 7.3 8.0 12.0#
80 8.6 8.9 13.3#



#67
4-Bromophenyl-phenylether
Concen: 4.265 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion:248 Resp: 19398
Ion Ratio Lower Upper
248 100
250 202.7 77.7 116.5#
141 557.4 65.6 98.4#

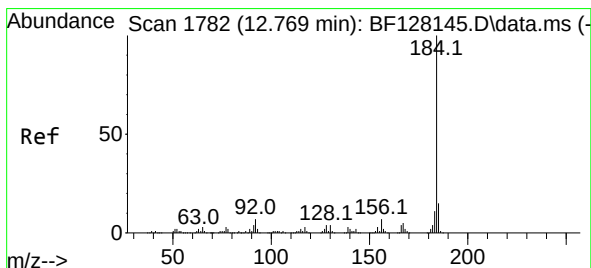
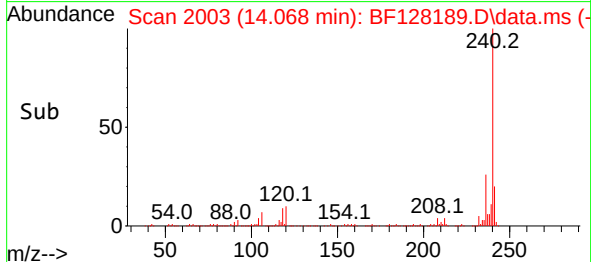
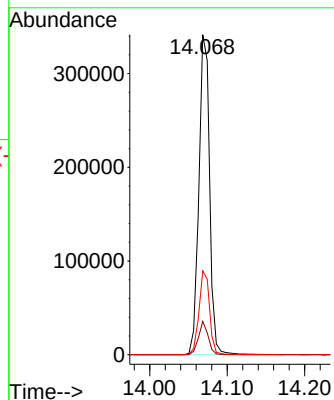
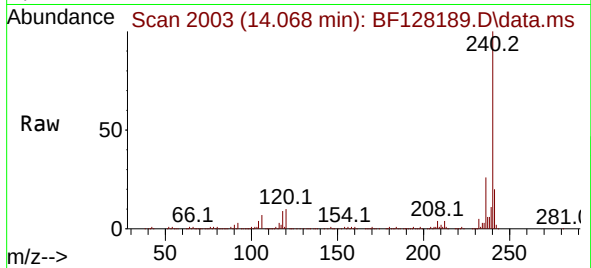




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

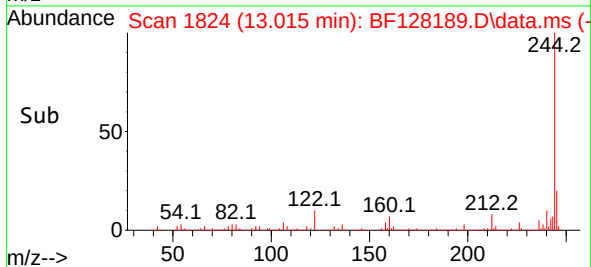
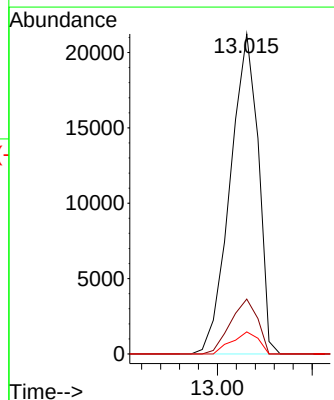
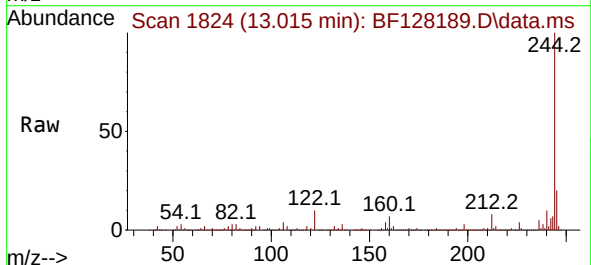
Instrument :
BNA_F
ClientSampleId :
PB144701TB

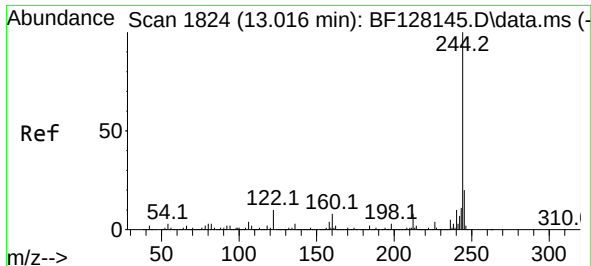
Tgt Ion:240 Resp: 326793
Ion Ratio Lower Upper
240 100
120 10.4 7.0 10.6
236 26.2 20.3 30.5



#77
Benzidine
Concen: 3.086 ng
RT: 13.015 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128189.D
Acq: 11 May 2022 12:01

Tgt Ion:184 Resp: 21843
Ion Ratio Lower Upper
184 100
185 17.2 12.1 18.1
183 6.9 9.0 13.4#

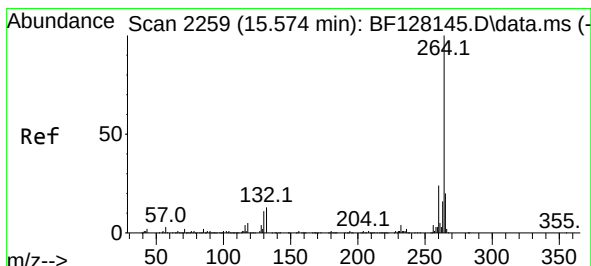
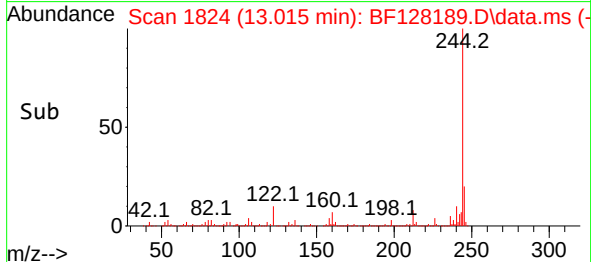
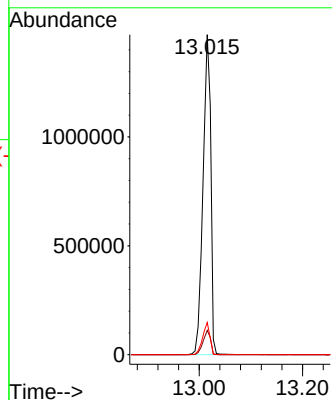
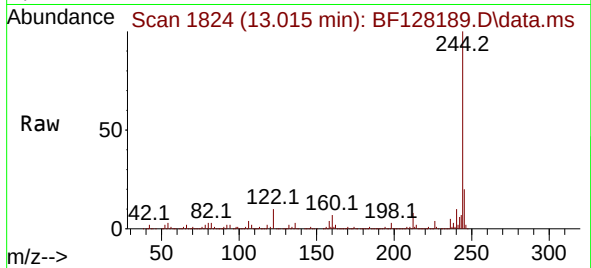




#79
 Terphenyl-d14
 Concen: 87.713 ng
 RT: 13.015 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128189.D
 Acq: 11 May 2022 12:01

Instrument :
 BNA_F
 ClientSampleId :
 PB144701TB

Tgt Ion:244 Resp: 1527584
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2258
 Delta R.T. -0.006 min
 Lab File: BF128189.D
 Acq: 11 May 2022 12:01

Tgt Ion:264 Resp: 270336
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.1 30.1
 265 21.2 17.5 26.3

