

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051722\
 Data File : BF128291.D
 Acq On : 17 May 2022 15:15
 Operator : CG\JU
 Sample : N2858-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Quant Time: May 18 01:33:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 18 01:31:11 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

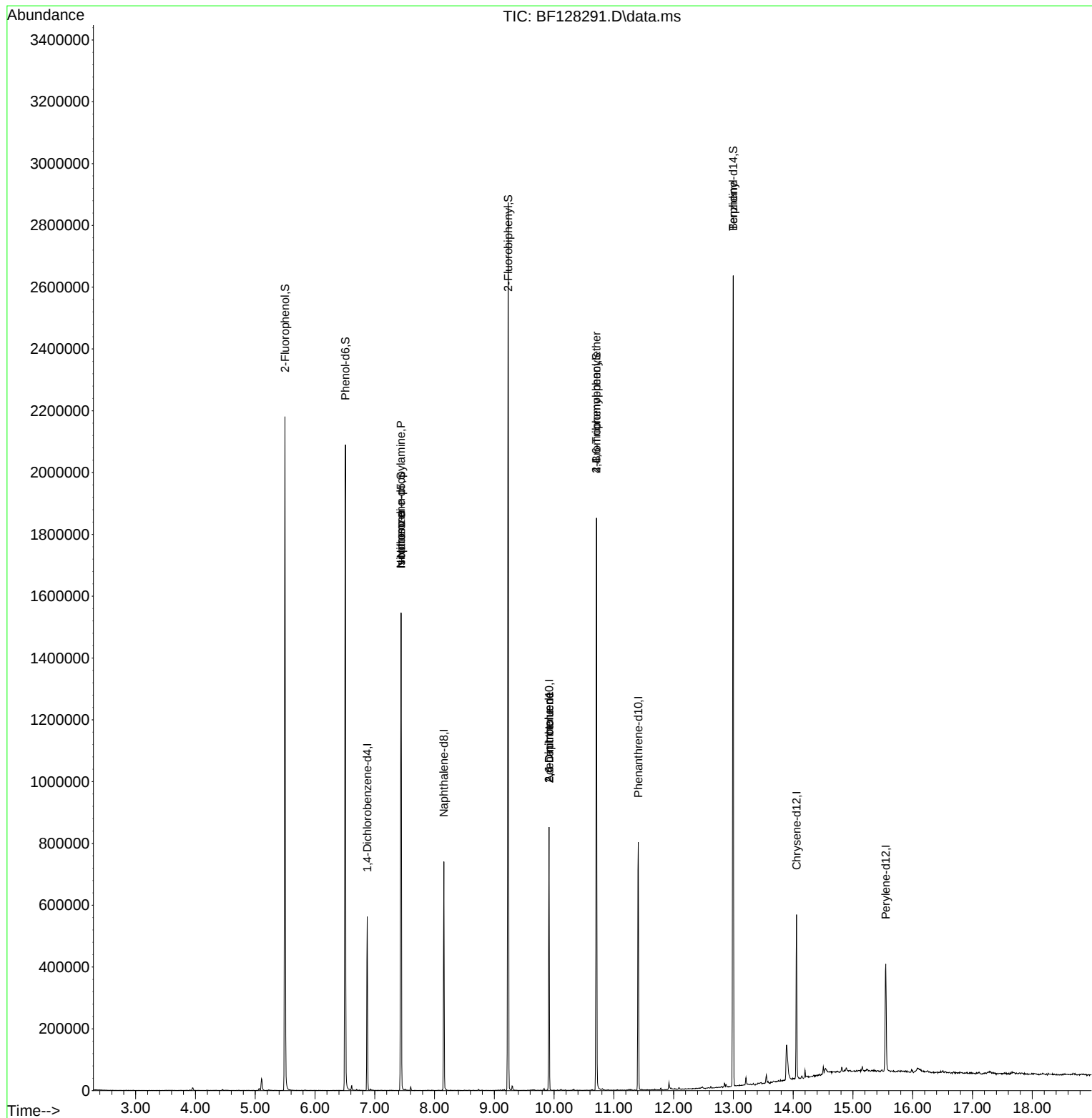
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	71076	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	279687	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	159146	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	288148	20.000	ng	0.00
76) Chrysene-d12	14.057	240	170466	20.000	ng	0.00
86) Perylene-d12	15.551	264	159470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	519474	116.511	ng	0.00
7) Phenol-d6	6.510	99	684398	116.055	ng	0.00
23) Nitrobenzene-d5	7.439	82	502048	80.770	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	200800	110.015	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	811810	79.816	ng	0.00
79) Terphenyl-d14	12.998	244	892067	98.195	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	1287	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.439	70	67362	18.549	ng	# 80
25) Isophorone	7.439	82	502042	51.519	ng	# 68
51) 2,6-Dinitrotoluene	9.916	165	20730	9.202	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	20730	6.881	ng	# 26
67) 4-Bromophenyl-phenylether	10.710	248	12003	3.872	ng	# 1
77) Benzidine	12.998	184	13597	3.683	ng	# 92

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

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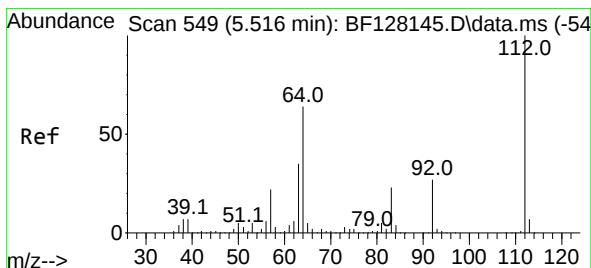
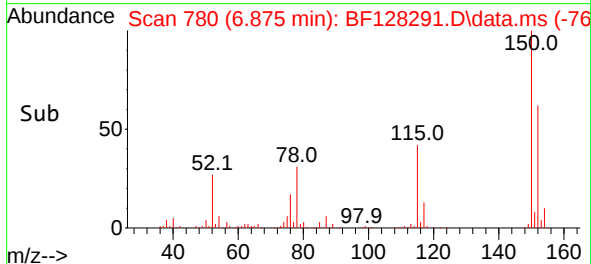
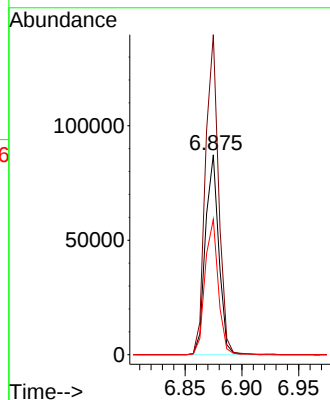
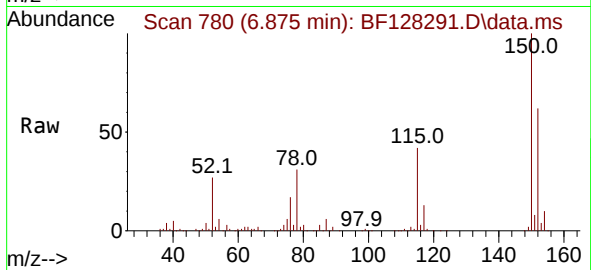




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128291.D
 Acq: 17 May 2022 15:15

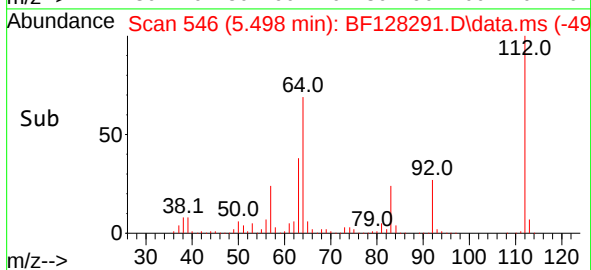
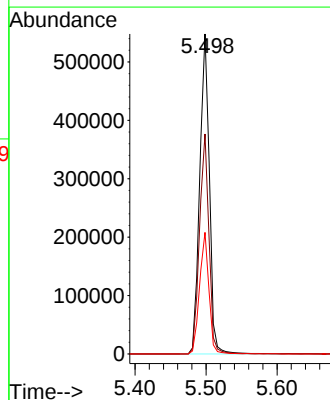
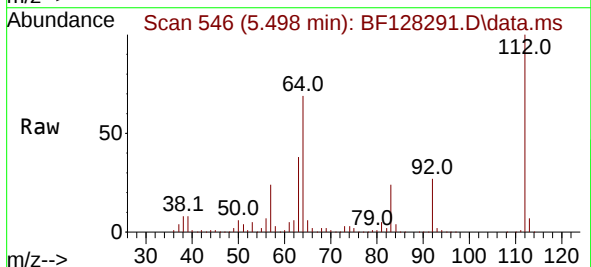
Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Tgt Ion:152 Resp: 71076
 Ion Ratio Lower Upper
 152 100
 150 160.1 125.3 187.9
 115 67.8 48.8 73.2



#5
 2-Fluorophenol
 Concen: 116.511 ng
 RT: 5.498 min Scan# 546
 Delta R.T. -0.000 min
 Lab File: BF128291.D
 Acq: 17 May 2022 15:15

Tgt Ion:112 Resp: 519474
 Ion Ratio Lower Upper
 112 100
 64 68.8 49.5 74.3
 63 38.0 26.3 39.5

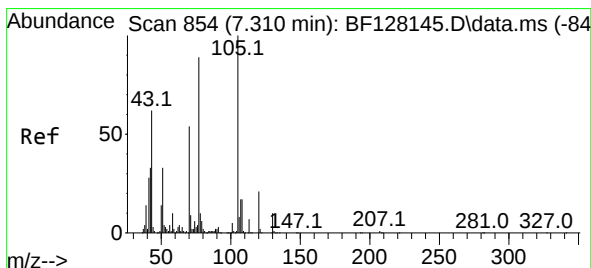
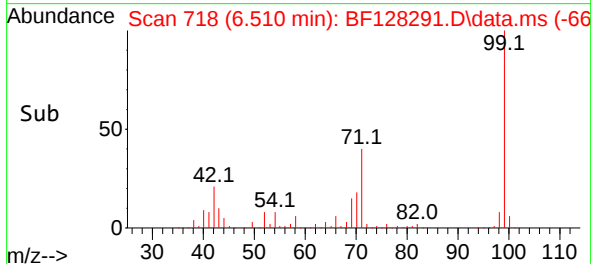
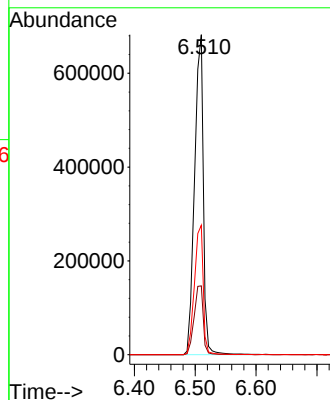
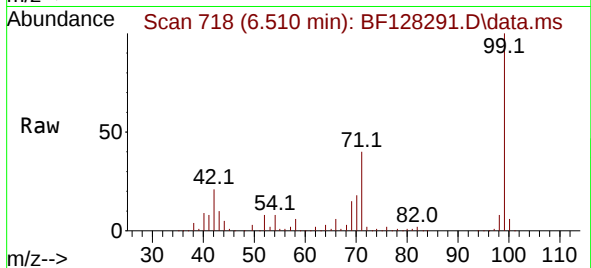




#7
Phenol-d6
Concen: 116.055 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

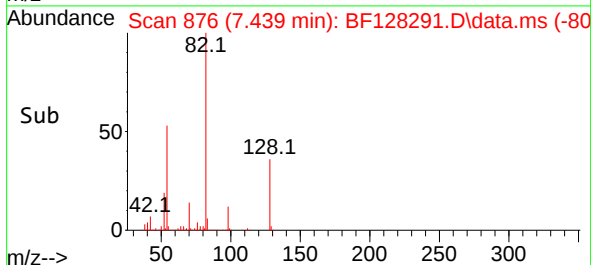
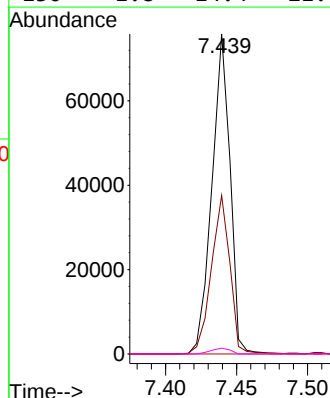
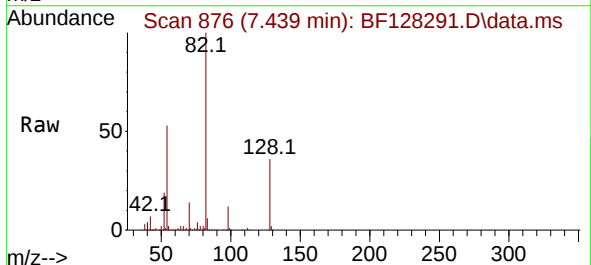
Instrument :
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ClientSampleId :
TP-38

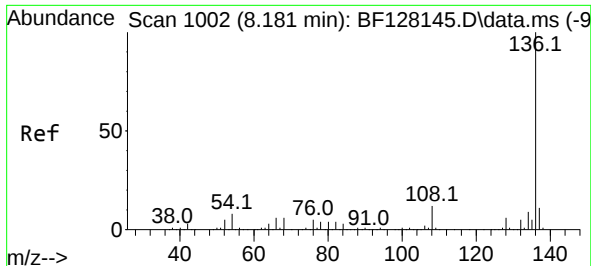
Tgt Ion: 99 Resp: 684398
Ion Ratio Lower Upper
99 100
42 21.5 16.6 24.8
71 40.5 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.549 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.141 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

Tgt Ion: 70 Resp: 67362
Ion Ratio Lower Upper
70 100
42 49.5 48.7 73.1
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#

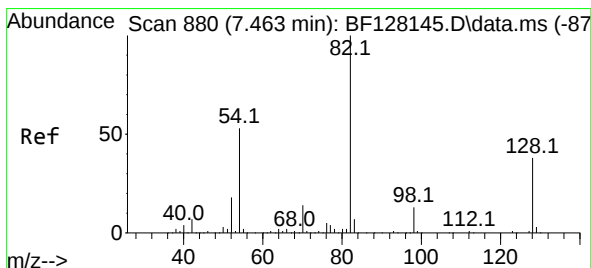
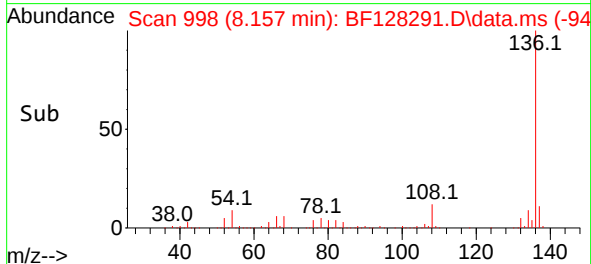
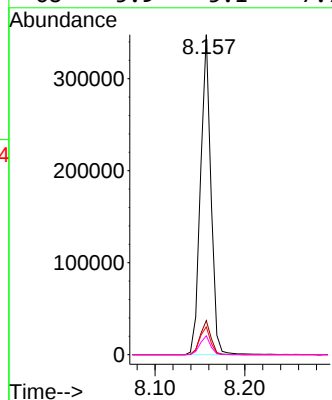
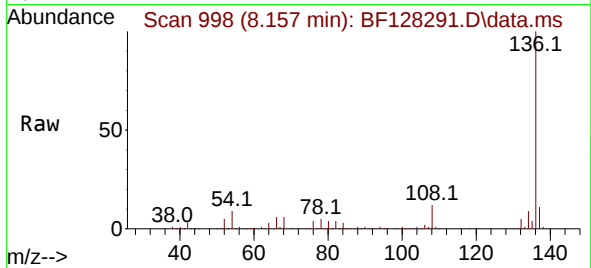




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

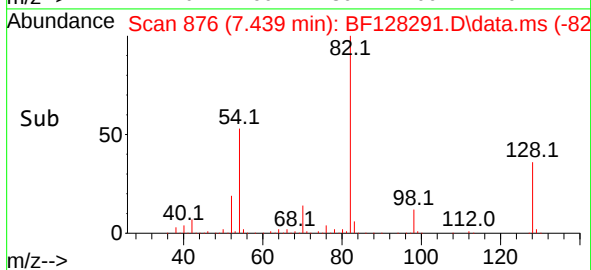
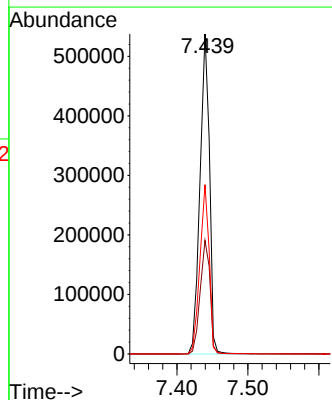
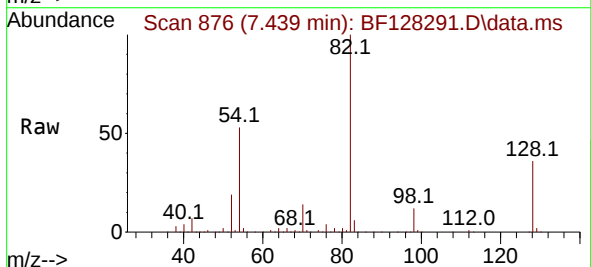
Instrument :
BNA_F
ClientSampleId :
TP-38

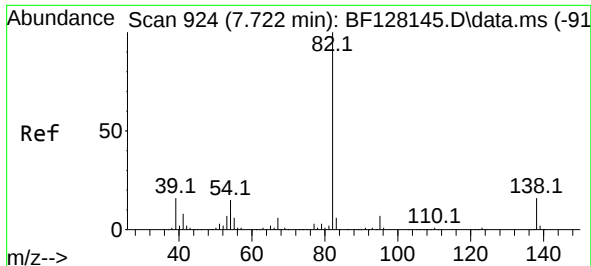
Tgt Ion:136 Resp: 279687
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.7 6.8 10.2
68 5.9 5.1 7.7



#23
Nitrobenzene-d5
Concen: 80.770 ng
RT: 7.439 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

Tgt Ion: 82 Resp: 502048
Ion Ratio Lower Upper
82 100
128 35.5 30.0 45.0
54 52.9 41.3 61.9

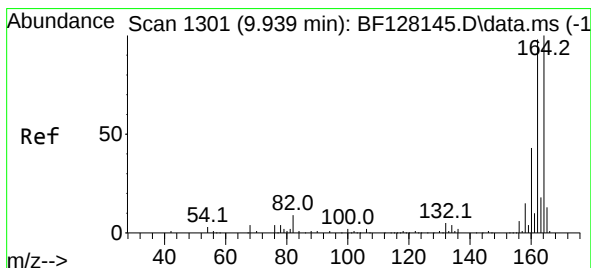
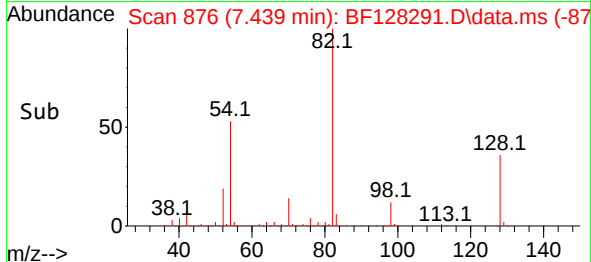
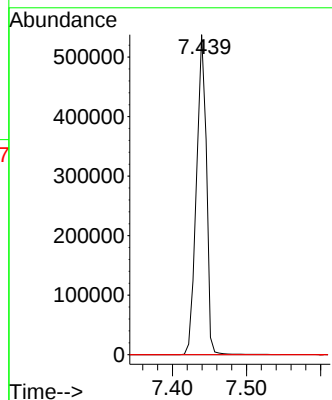
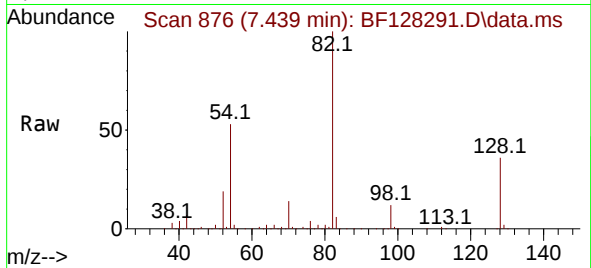




#25
Isophorone
Concen: 51.519 ng
RT: 7.439 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

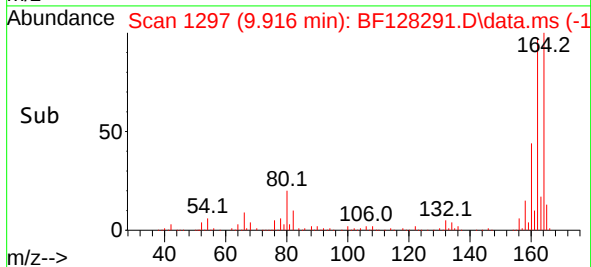
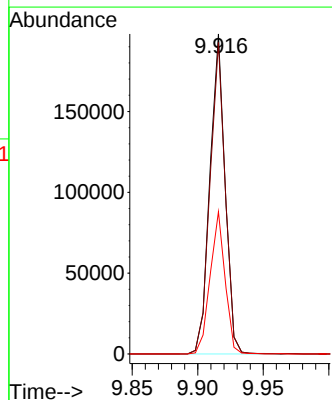
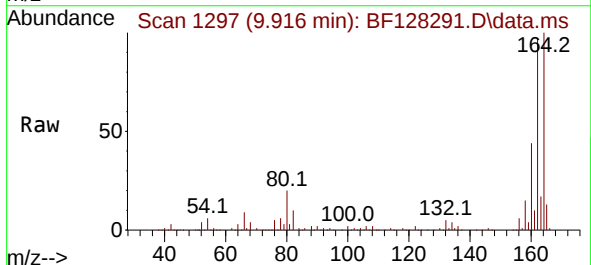
Instrument :
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ClientSampleId :
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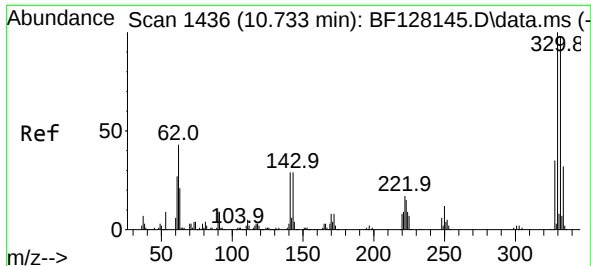
Tgt Ion: 82 Resp: 502042
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

Tgt Ion: 164 Resp: 159146
Ion Ratio Lower Upper
164 100
162 97.3 76.0 114.0
160 44.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 110.015 ng

RT: 10.710 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128291.D

Acq: 17 May 2022 15:15

Instrument :

BNA_F

ClientSampleId :

TP-38

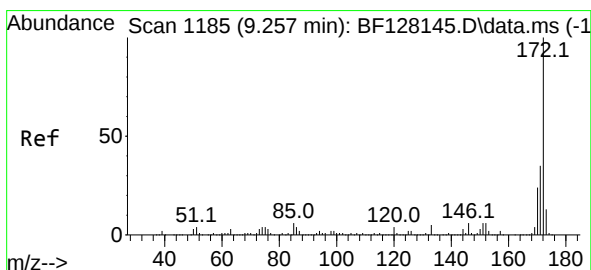
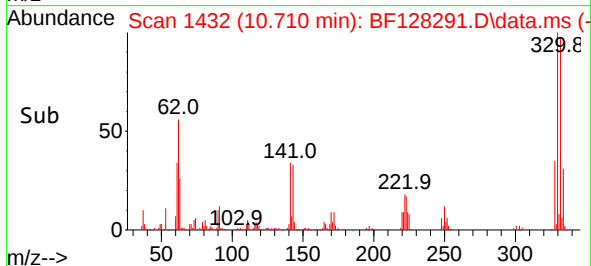
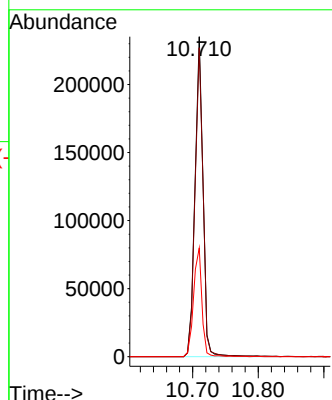
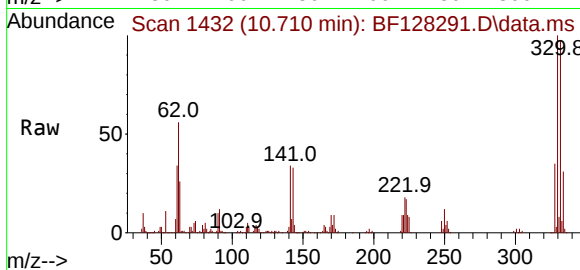
Tgt Ion:330 Resp: 200800

Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.4

141 35.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 79.816 ng

RT: 9.233 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF128291.D

Acq: 17 May 2022 15:15

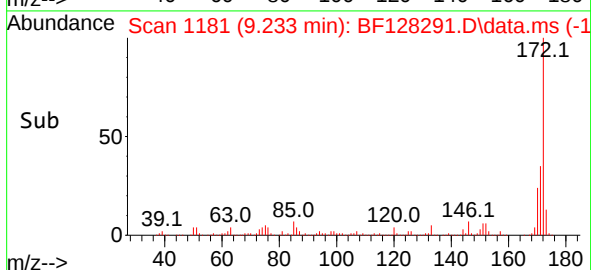
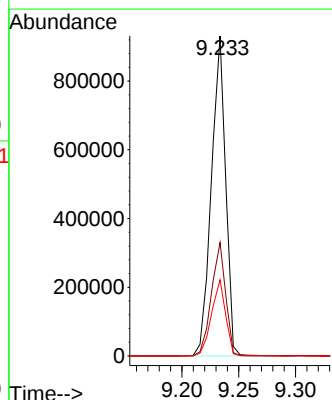
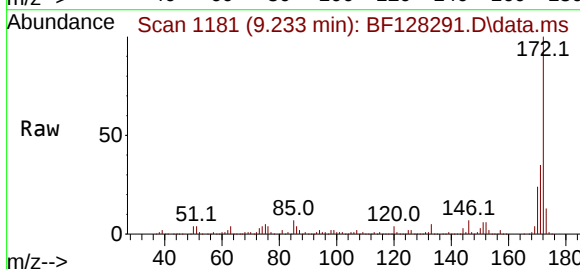
Tgt Ion:172 Resp: 811810

Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.8 19.1 28.7

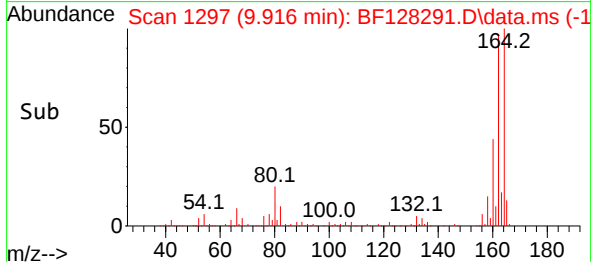
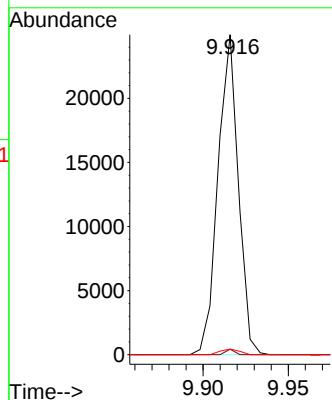
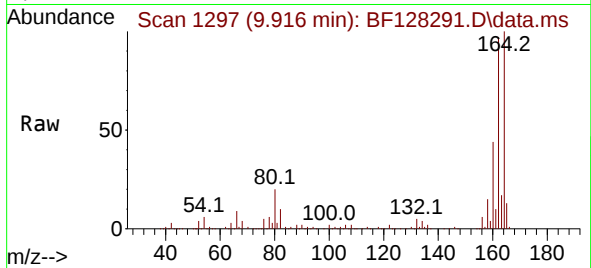




#51
2,6-Dinitrotoluene
Concen: 9.202 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

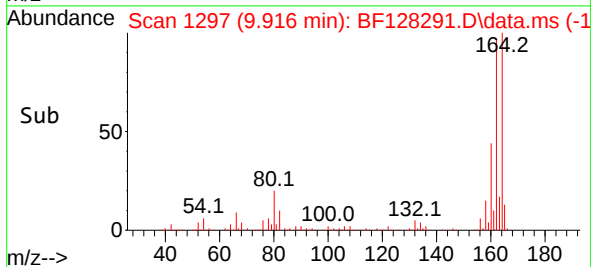
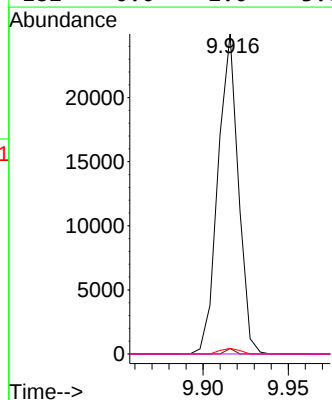
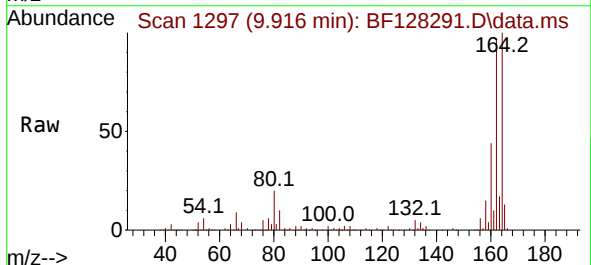
Instrument :
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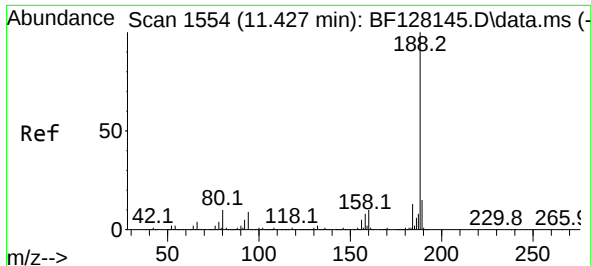
Tgt Ion:165 Resp: 20730
Ion Ratio Lower Upper
165 100
63 1.7 49.5 74.3#
89 1.8 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.881 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.206 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

Tgt Ion:165 Resp: 20730
Ion Ratio Lower Upper
165 100
63 1.7 32.6 49.0#
89 1.8 55.2 82.8#
182 0.0 2.0 3.0#

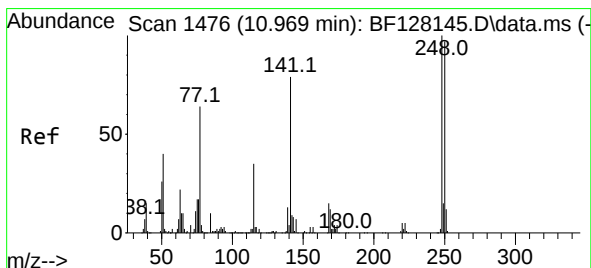
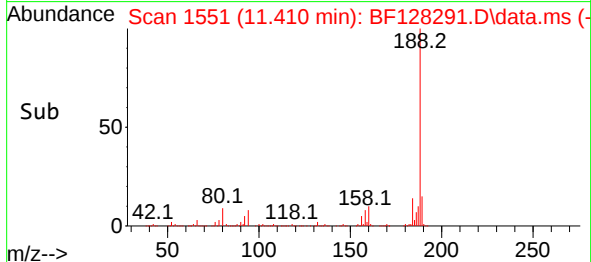
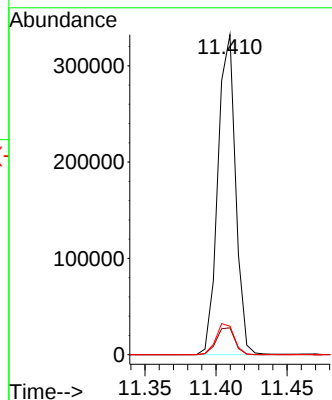
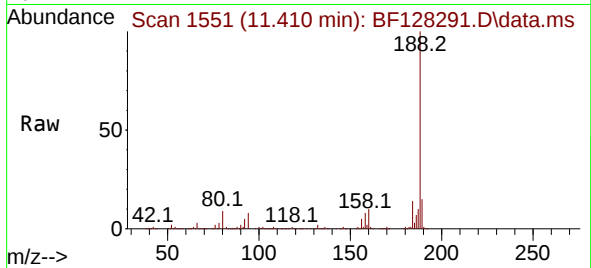




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

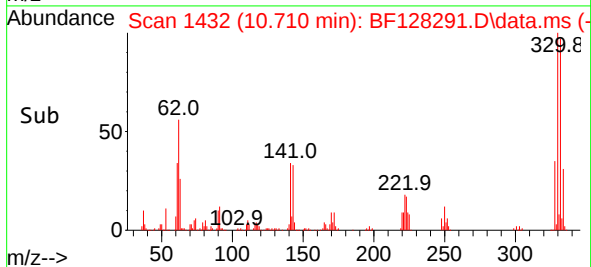
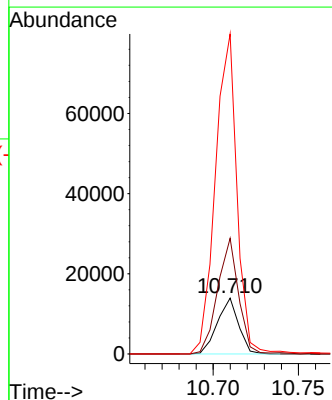
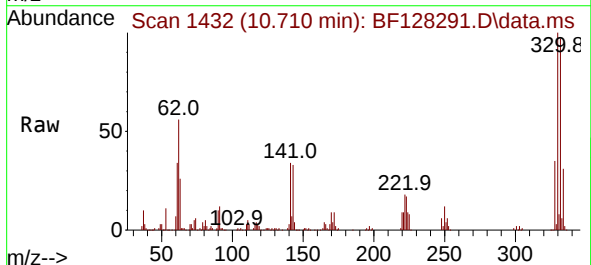
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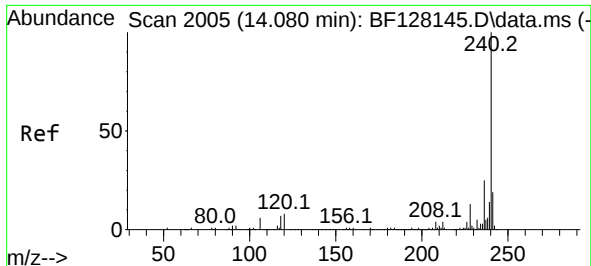
Tgt Ion:188 Resp: 288148
Ion Ratio Lower Upper
188 100
94 8.4 8.0 12.0
80 8.9 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.872 ng
RT: 10.710 min Scan# 1432
Delta R.T. -0.247 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

Tgt Ion:248 Resp: 12003
Ion Ratio Lower Upper
248 100
250 207.4 77.7 116.5#
141 573.9 65.6 98.4#

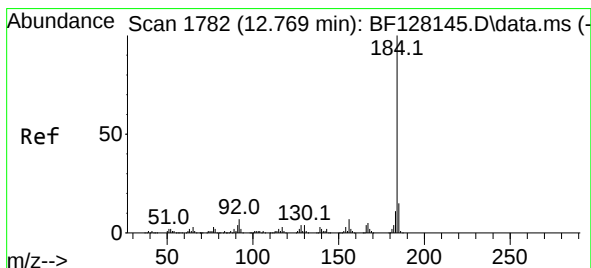
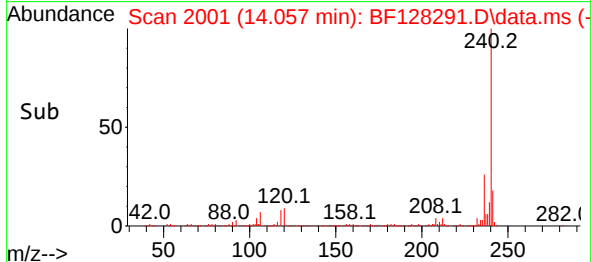
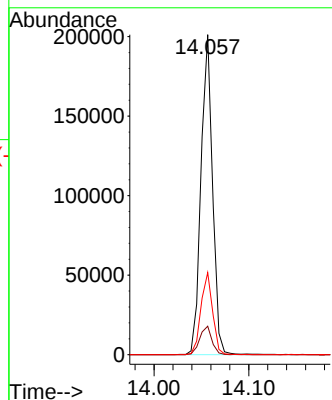
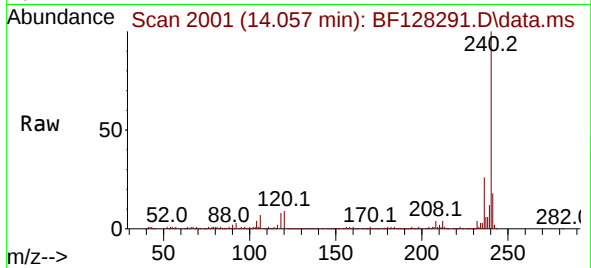




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

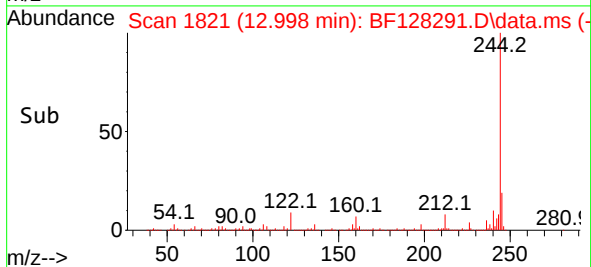
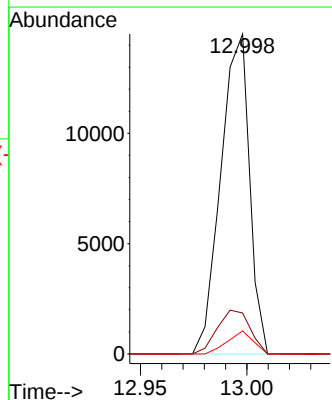
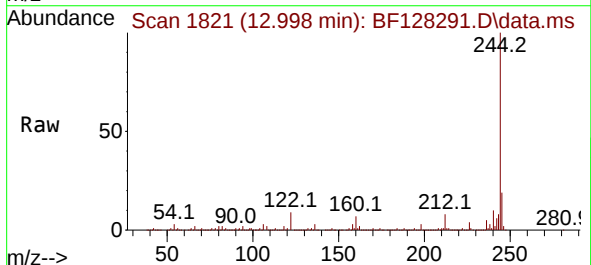
Instrument :
BNA_F
ClientSampleId :
TP-38

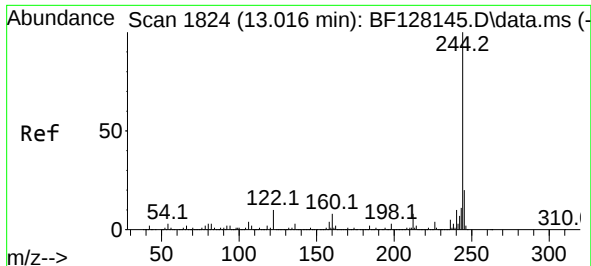
Tgt Ion:240 Resp: 170466
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 25.7 20.3 30.5



#77
Benzidine
Concen: 3.683 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.247 min
Lab File: BF128291.D
Acq: 17 May 2022 15:15

Tgt Ion:184 Resp: 13597
Ion Ratio Lower Upper
184 100
185 12.8 12.1 18.1
183 7.2 9.0 13.4#

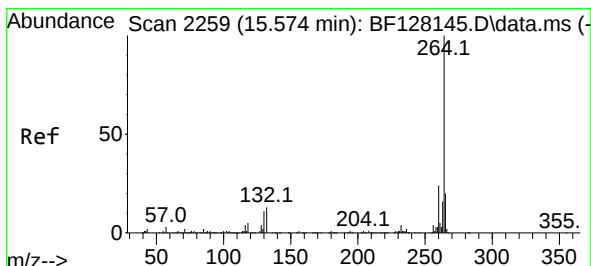
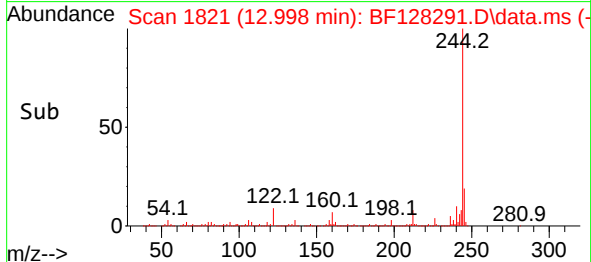
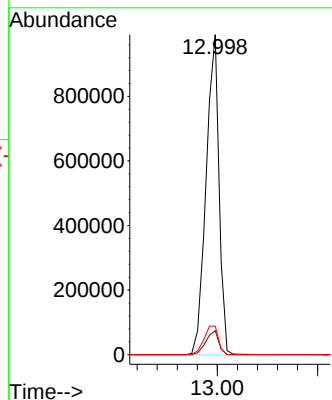
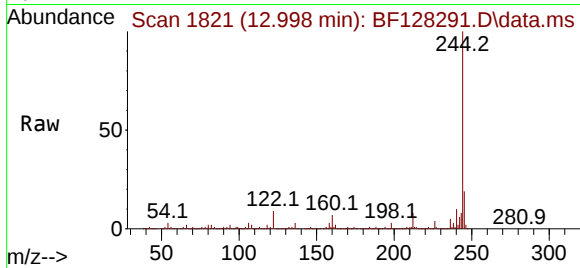




#79
 Terphenyl-d14
 Concen: 98.195 ng
 RT: 12.998 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF128291.D
 Acq: 17 May 2022 15:15

Instrument :
 BNA_F
 ClientSampleId :
 TP-38

Tgt Ion:244 Resp: 892067
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. -0.006 min
 Lab File: BF128291.D
 Acq: 17 May 2022 15:15

Tgt Ion:264 Resp: 159470
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 21.3 17.5 26.3

