

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062322\
 Data File : BF128949.D
 Acq On : 23 Jun 2022 12:10
 Operator : CG\JU
 Sample : PB145641BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145641BL

Quant Time: Jun 23 14:32:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 23 14:30:33 2022
 Response via : Initial Calibration

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

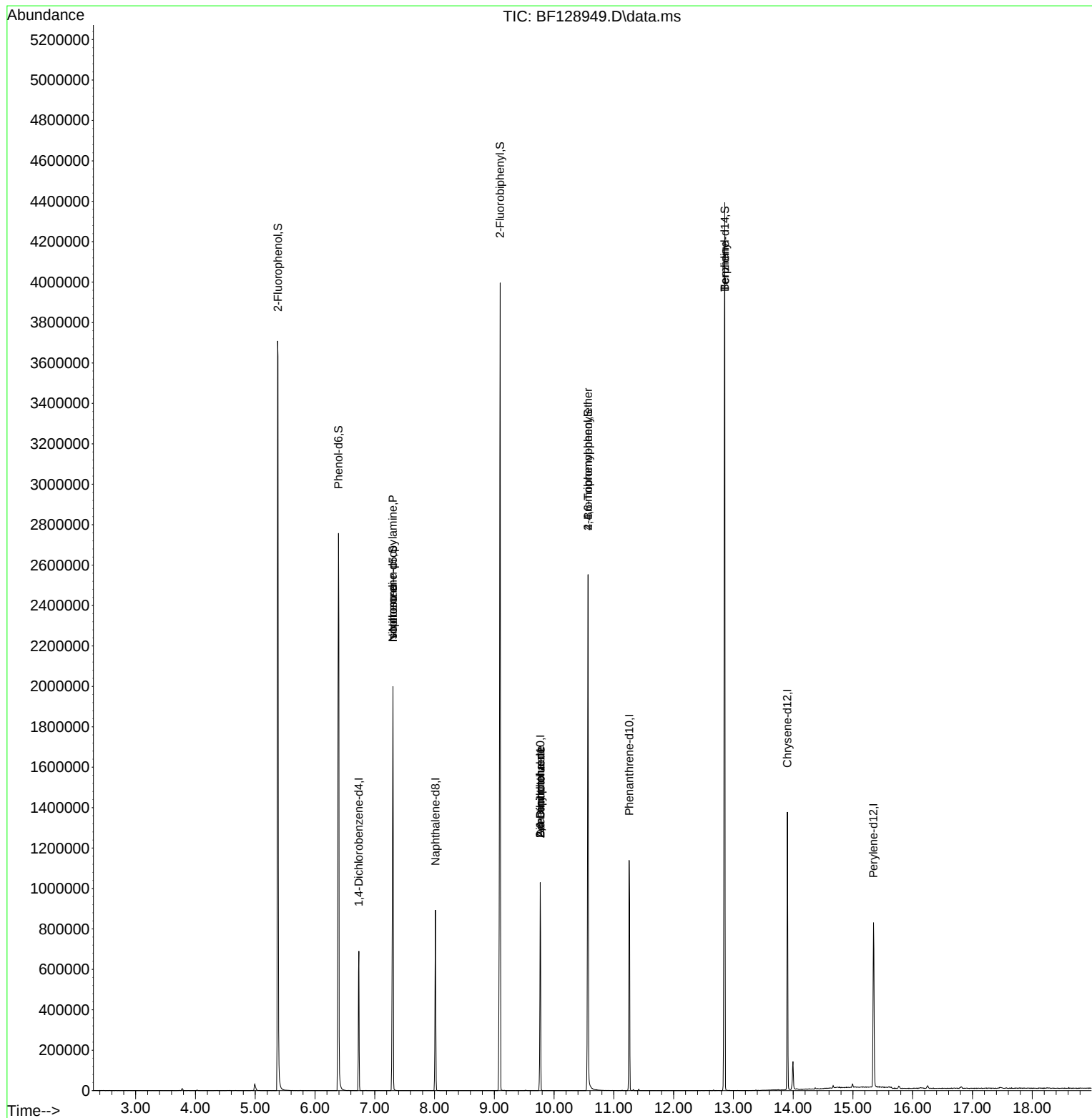
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	90914	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	359657	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	209646	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	406907	20.000	ng	0.00
76) Chrysene-d12	13.904	240	448697	20.000	ng	0.00
86) Perylene-d12	15.345	264	368546	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	991183	173.657	ng	0.02
7) Phenol-d6	6.392	99	965582	138.589	ng	0.00
23) Nitrobenzene-d5	7.304	82	692190	89.606	ng	0.00
42) 2,4,6-Tribromophenol	10.569	330	308226	124.432	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1309680	87.509	ng	0.00
79) Terphenyl-d14	12.857	244	1649001	63.860	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.304	70	99603	22.993	ng	# 78
25) Isophorone	7.304	82	690367	58.843	ng	# 65
50) Dimethylphthalate	9.769	163	35963	2.506	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	26188	9.246	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	26188	6.929	ng	# 21
67) 4-Bromophenyl-phenylether	10.569	248	19784	4.360	ng	# 1
77) Benzidine	12.857	184	24150	2.700	ng	# 95

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

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Instrument :
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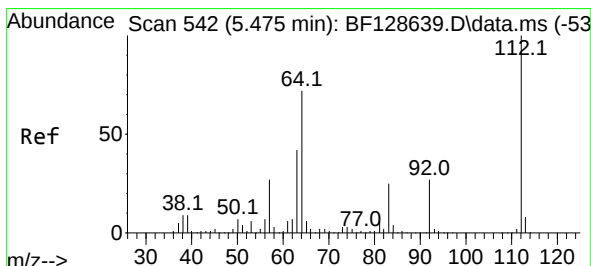
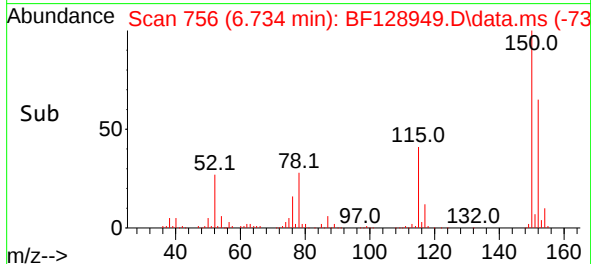
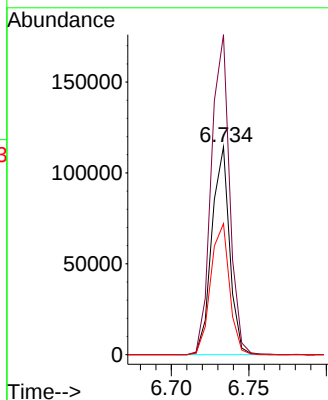
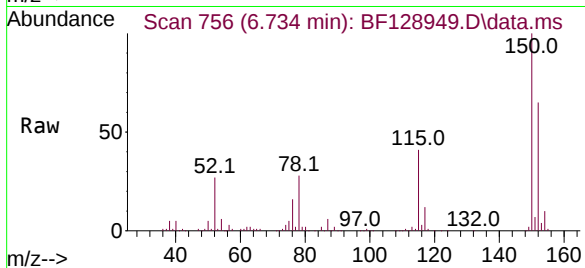




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

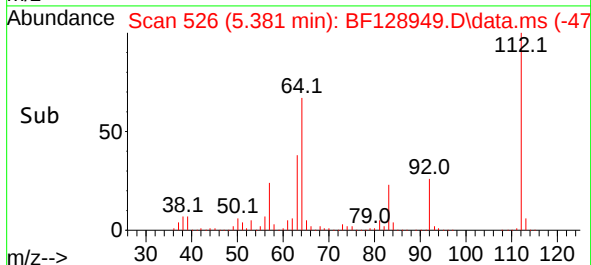
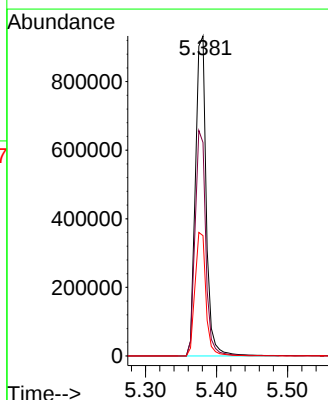
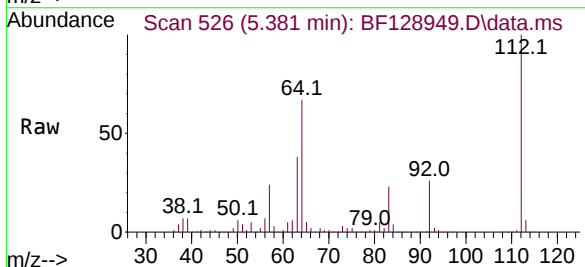
Instrument :
BNA_F
ClientSampleId :
PB145641BL

Tgt Ion:152 Resp: 90914
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 173.657 ng
RT: 5.381 min Scan# 526
Delta R.T. 0.018 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

Tgt Ion:112 Resp: 991183
Ion Ratio Lower Upper
112 100
64 66.7 53.3 79.9
63 37.6 28.0 42.0

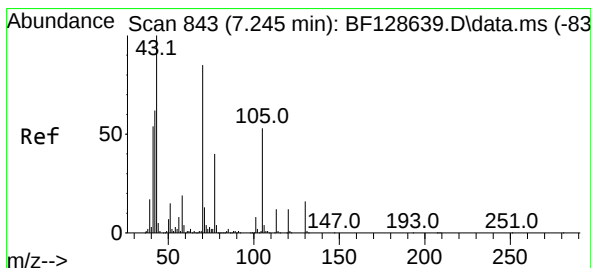
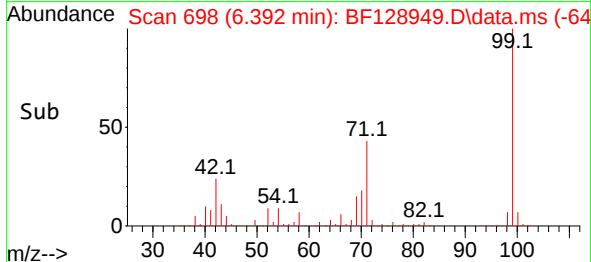
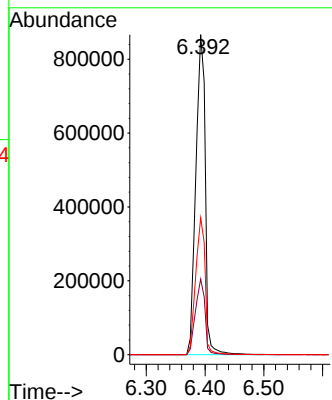
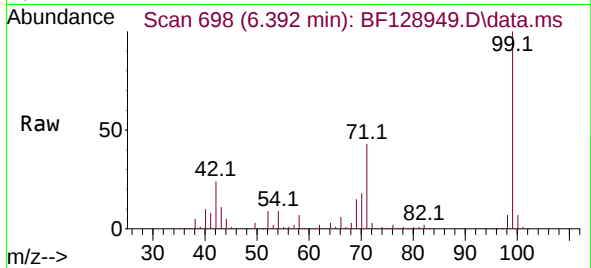




#7
Phenol-d6
Concen: 138.589 ng
RT: 6.392 min Scan# 64
Delta R.T. -0.006 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

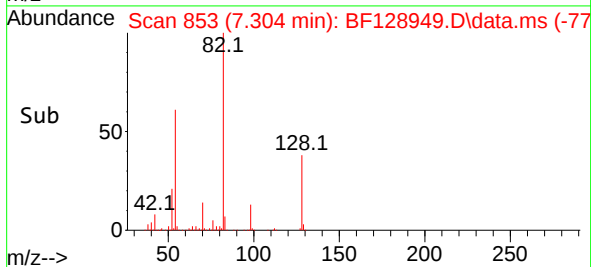
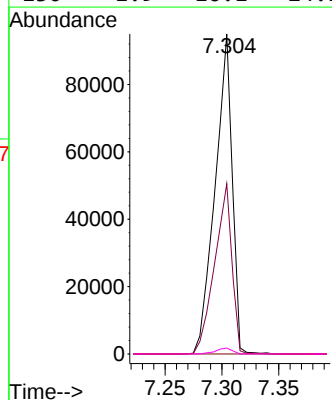
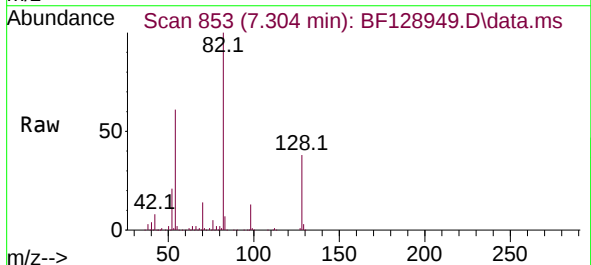
Instrument :
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ClientSampleId :
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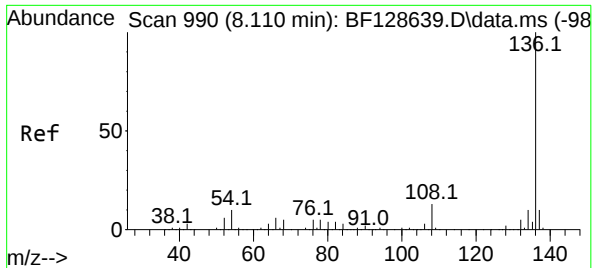
Tgt Ion: 99 Resp: 965582
Ion Ratio Lower Upper
99 100
42 23.7 17.3 25.9
71 42.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.993 ng
RT: 7.304 min Scan# 853
Delta R.T. 0.147 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

Tgt Ion: 70 Resp: 99603
Ion Ratio Lower Upper
70 100
42 53.2 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

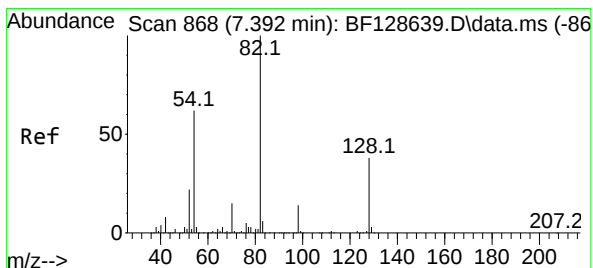
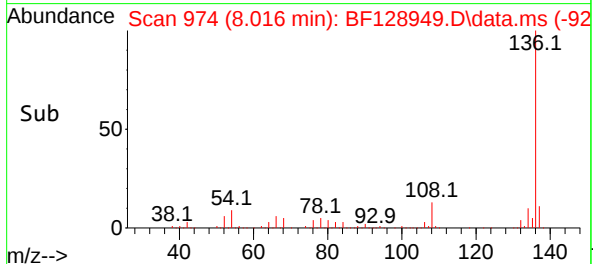
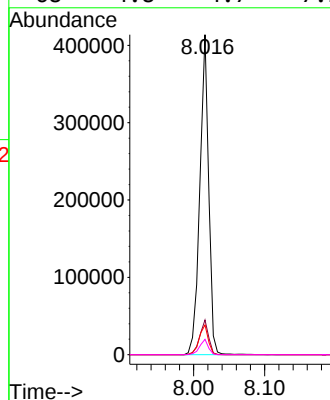
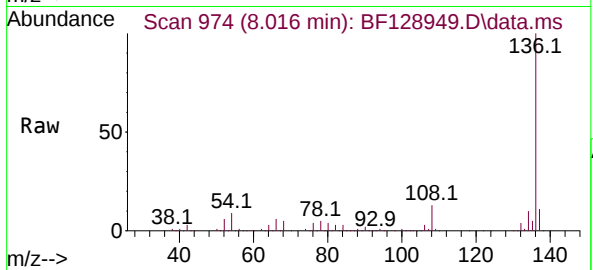




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

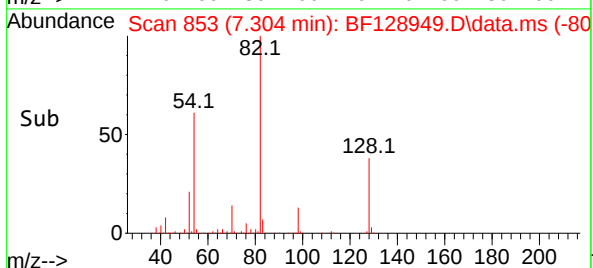
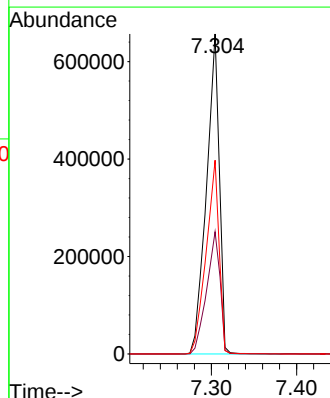
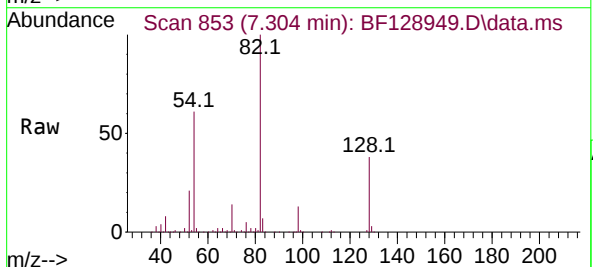
Instrument :
BNA_F
ClientSampleId :
PB145641BL

Tgt	Ion:136	Resp:	359657
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	9.3	7.5	11.3
68	4.8	4.7	7.1



#23
Nitrobenzene-d5
Concen: 89.606 ng
RT: 7.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

Tgt Ion: 82	Resp: 692190
Ion Ratio	Lower Upper
82 100	
128 38.2	34.0 51.0
54 60.6	46.9 70.3

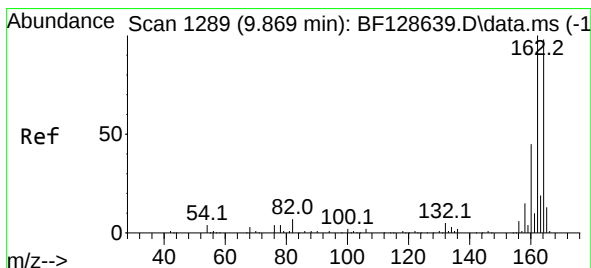
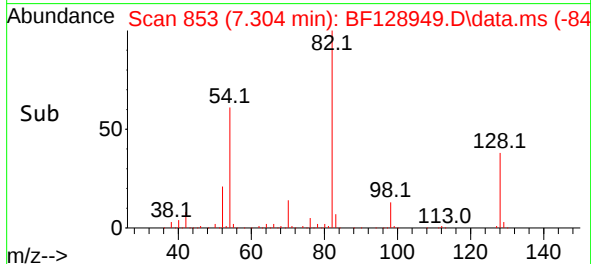
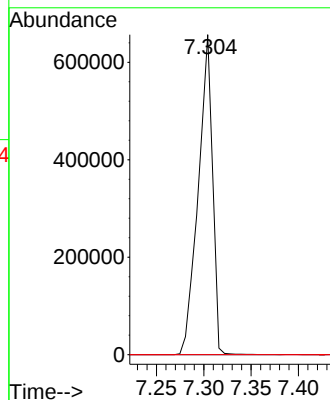
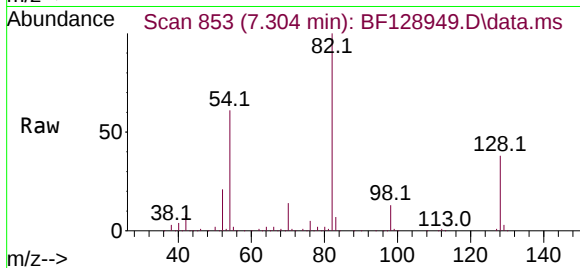




#25
Isophorone
Concen: 58.843 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

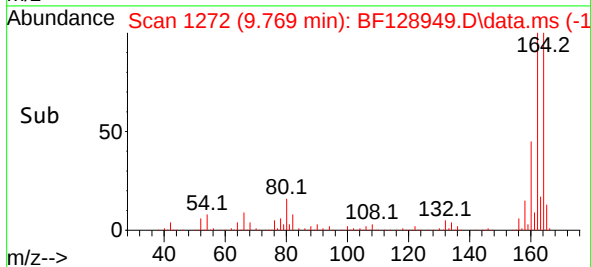
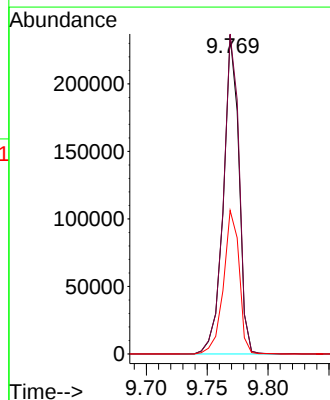
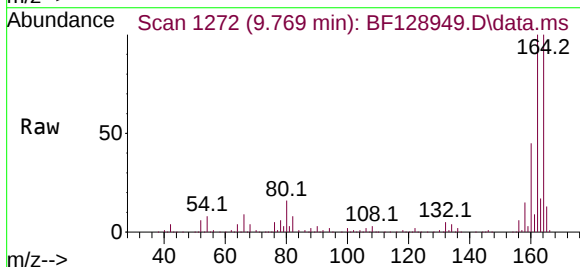
Instrument :
BNA_F
ClientSampleId :
PB145641BL

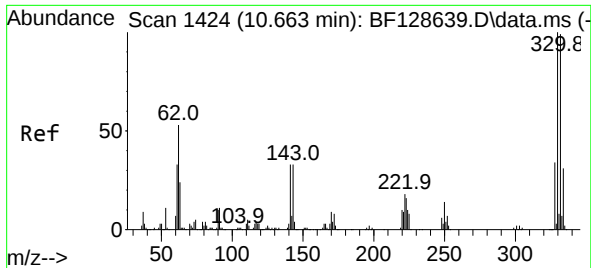
Tgt Ion: 82 Resp: 690367
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

Tgt Ion:164 Resp: 209646
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 45.0 34.2 51.4

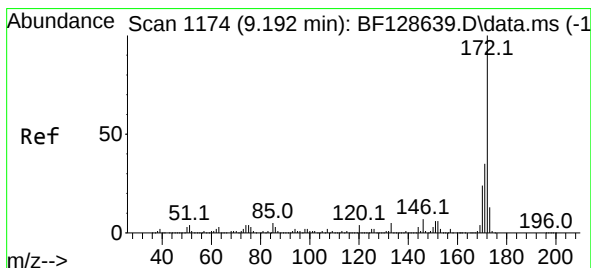
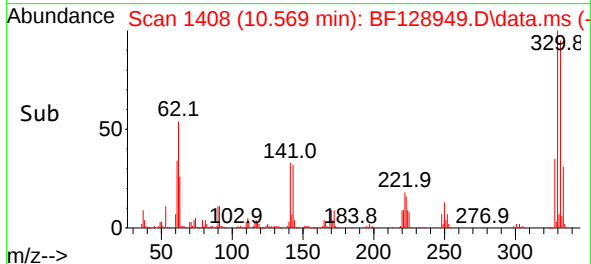
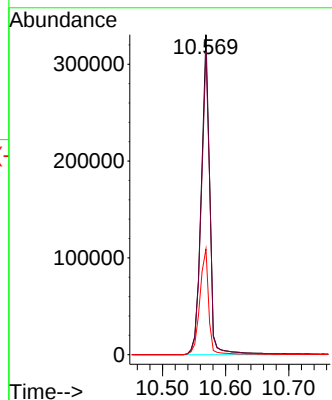
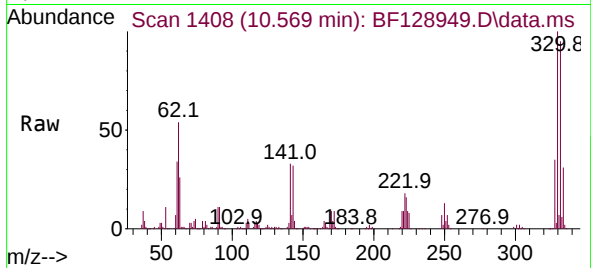




#42
2,4,6-Tribromophenol
Concen: 124.432 ng
RT: 10.569 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

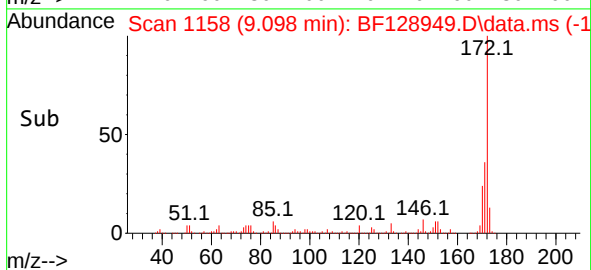
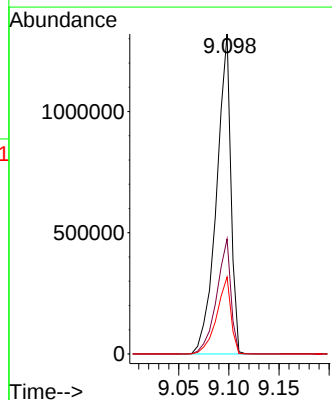
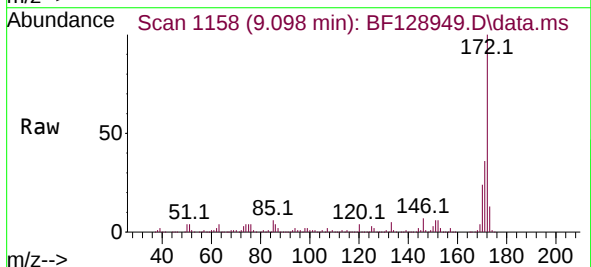
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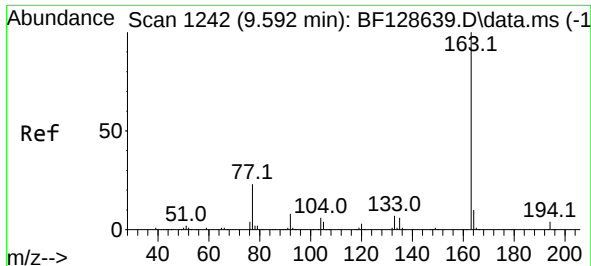
Tgt Ion:330 Resp: 308226
Ion Ratio Lower Upper
330 100
332 95.9 76.8 115.2
141 34.5 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 87.509 ng
RT: 9.098 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

Tgt Ion:172 Resp: 1309680
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 24.0 19.8 29.8

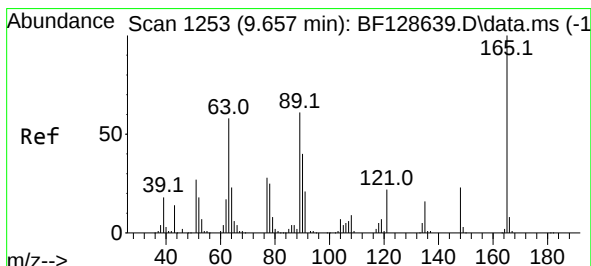
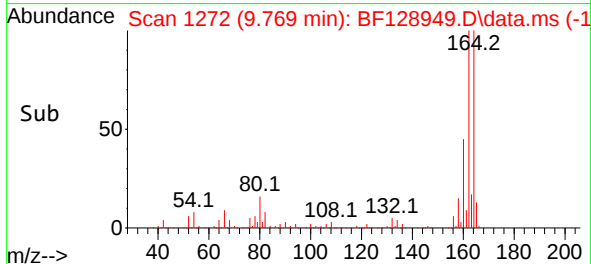
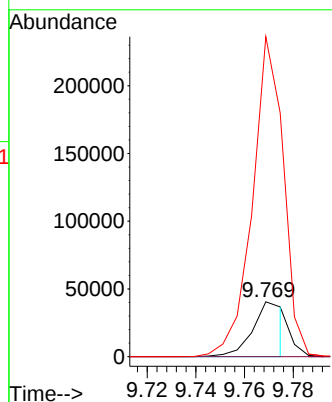
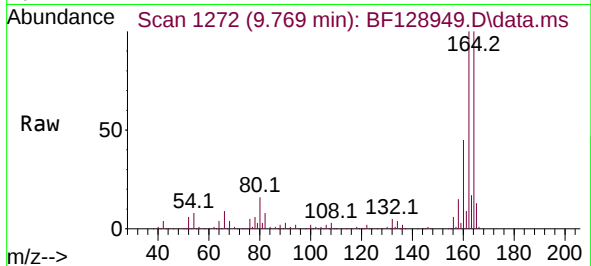




#50
Dimethylphthalate
Concen: 2.506 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

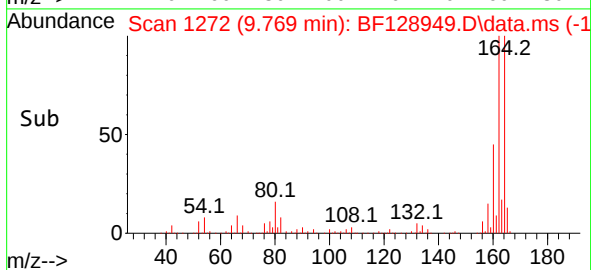
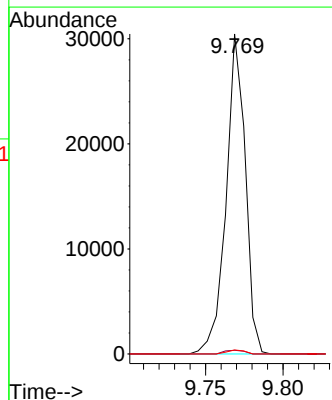
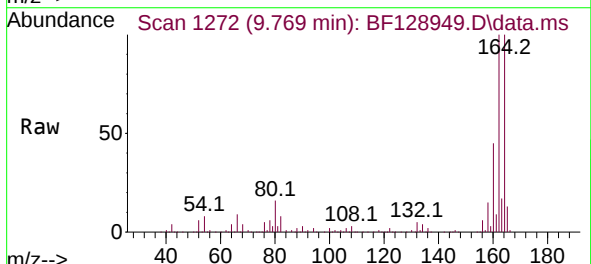
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BNA_F
ClientSampleId :
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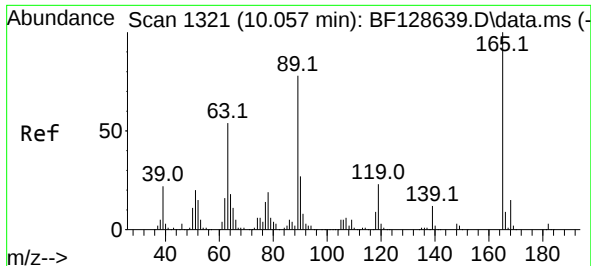
Tgt Ion:163 Resp: 35963
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 582.8 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 9.246 ng
RT: 9.769 min Scan# 1272
Delta R.T. 0.200 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

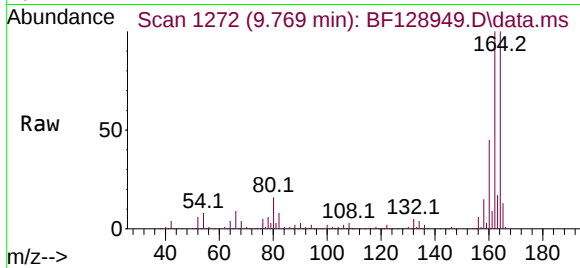
Tgt Ion:165 Resp: 26188
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.2 43.6 65.4#



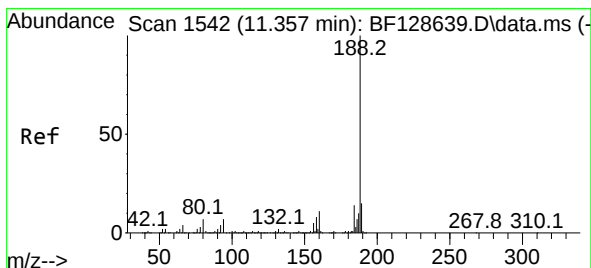
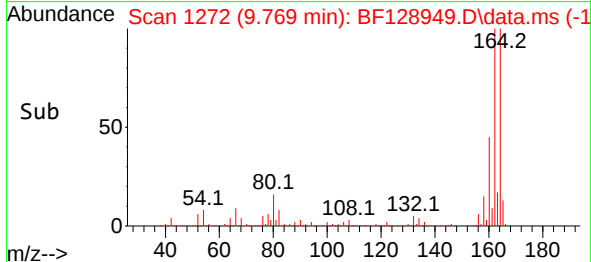
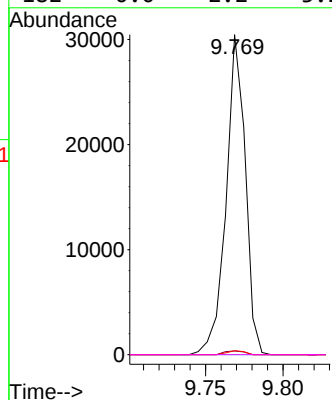


#57
2,4-Dinitrotoluene
Concen: 6.929 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

Instrument :
BNA_F
ClientSampleId :
PB145641BL

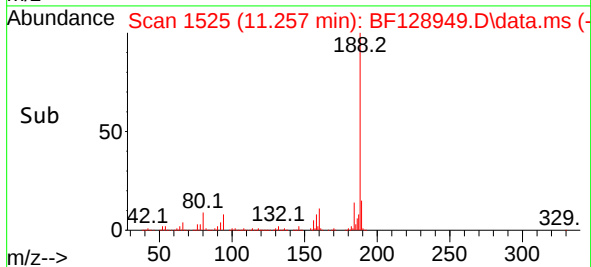
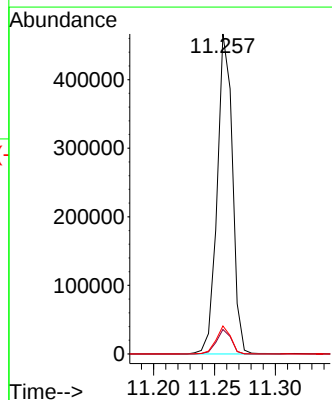
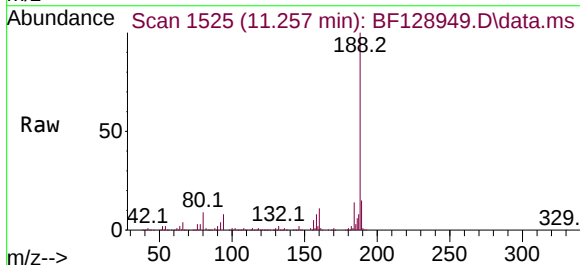


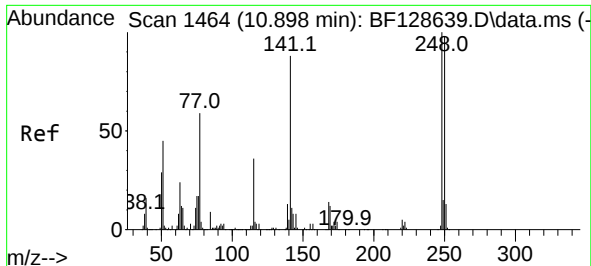
Tgt Ion:165 Resp: 26188
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1525
Delta R.T. -0.006 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

Tgt Ion:188 Resp: 406907
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 8.8 7.6 11.4

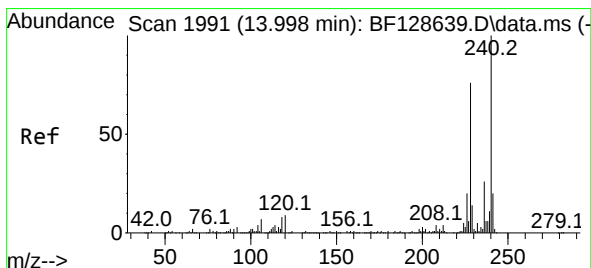
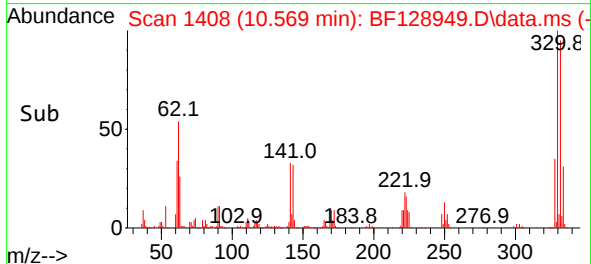
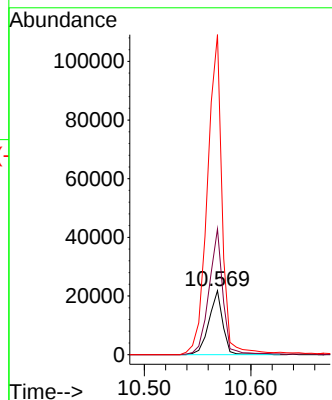
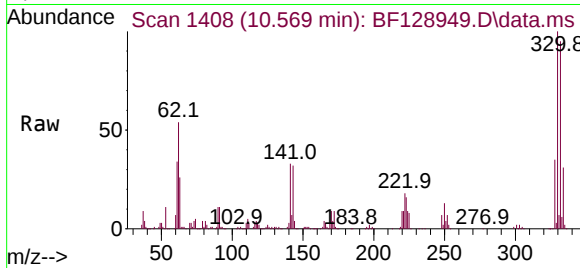




#67
4-Bromophenyl-phenylether
Concen: 4.360 ng
RT: 10.569 min Scan# 1464
Delta R.T. -0.235 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

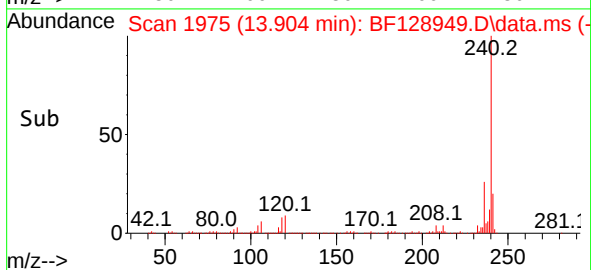
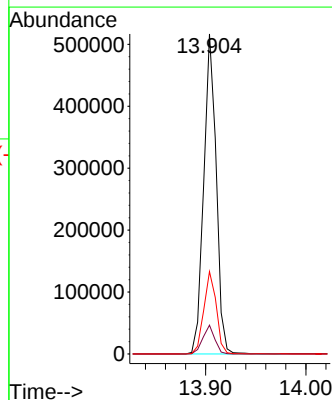
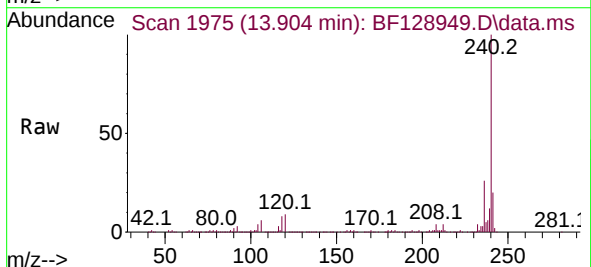
Instrument :
BNA_F
ClientSampleId :
PB145641BL

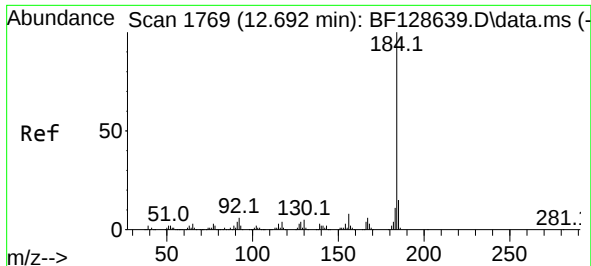
Tgt Ion:248 Resp: 19784
Ion Ratio Lower Upper
248 100
250 196.6 80.6 120.8#
141 500.1 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.904 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

Tgt Ion:240 Resp: 448697
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 25.7 20.8 31.2

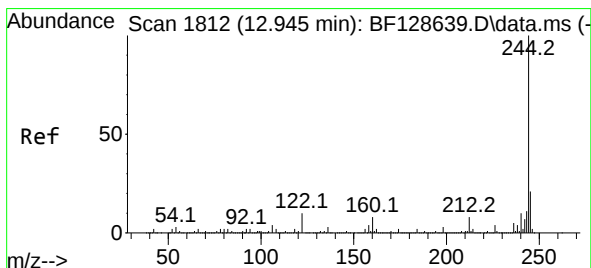
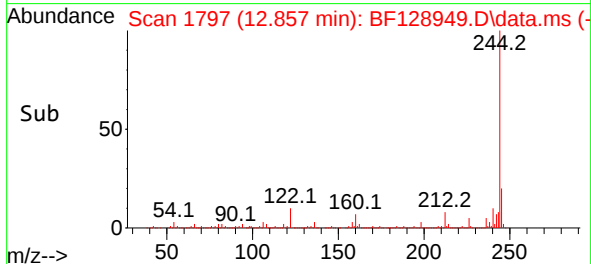
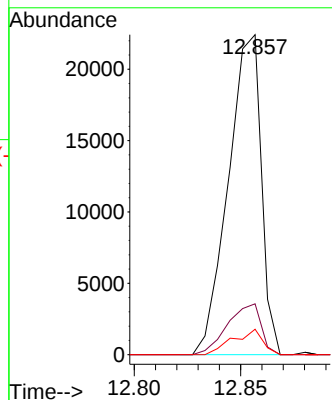
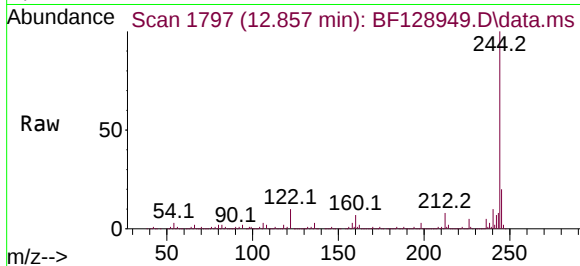




#77
Benzidine
Concen: 2.700 ng
RT: 12.857 min Scan# 1797
Delta R.T. 0.253 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

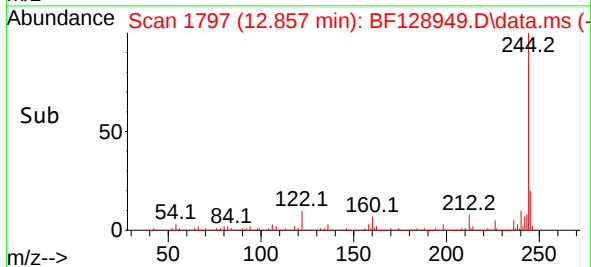
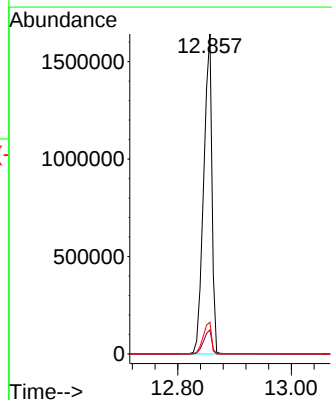
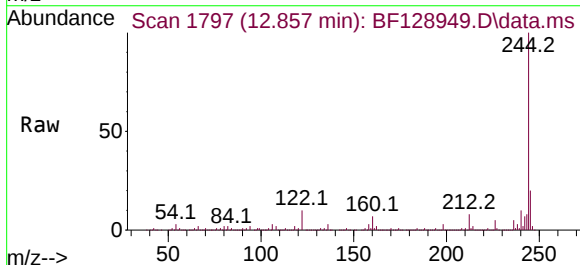
Instrument :
BNA_F
ClientSampleId :
PB145641BL

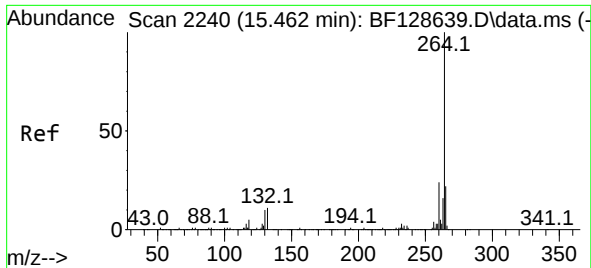
Tgt Ion:184 Resp: 24150
Ion Ratio Lower Upper
184 100
185 15.9 11.9 17.9
183 8.0 9.3 13.9#



#79
Terphenyl-d14
Concen: 63.860 ng
RT: 12.857 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

Tgt Ion:244 Resp: 1649001
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 9.9 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF128949.D
Acq: 23 Jun 2022 12:10

Instrument :
BNA_F
ClientSampleId :
PB145641BL

Tgt Ion:264 Resp: 368546
Ion Ratio Lower Upper
264 100
260 23.6 18.4 27.6
265 21.4 17.2 25.8

