

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131740.D
 Acq On : 21 Dec 2022 10:43
 Operator : CG\JU
 Sample : PB149732BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB149732BL

Quant Time: Dec 22 05:18:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

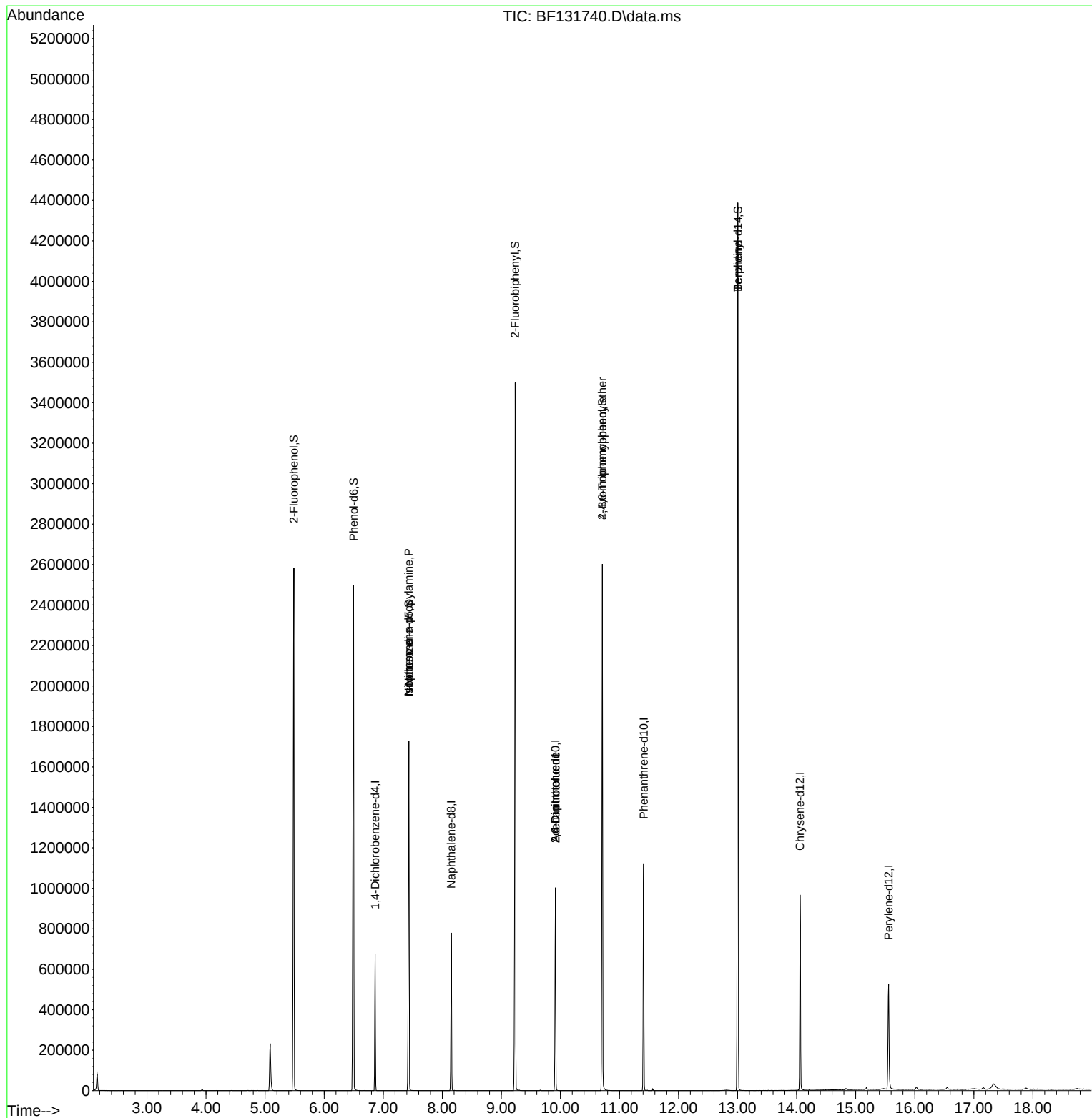
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84261	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	311284	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	193035	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	391168	20.000	ng	0.00
76) Chrysene-d12	14.057	240	335746	20.000	ng	0.00
86) Perylene-d12	15.557	264	255964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	683910	136.674	ng	0.01
7) Phenol-d6	6.498	99	881604	130.895	ng	0.00
23) Nitrobenzene-d5	7.434	82	613849	80.055	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	285016	134.897	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1118992	81.203	ng	0.00
79) Terphenyl-d14	13.004	244	1629942	75.662	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.498	77	1499	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.434	70	85098	17.519	ng	# 79
25) Isophorone	7.434	82	611802	46.982	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	24339	7.793	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	24339	5.799	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	19731	4.271	ng	# 1
77) Benizidine	13.004	184	24505	3.980	ng	# 90

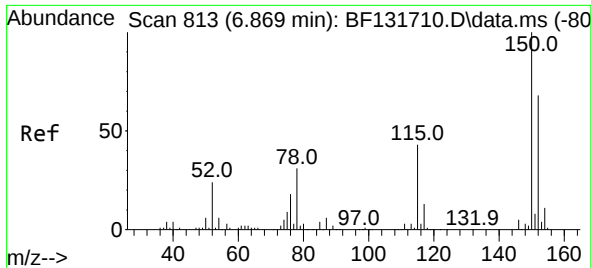
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
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Misc :
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Instrument :
BNA_F
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Quant Time: Dec 22 05:18:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
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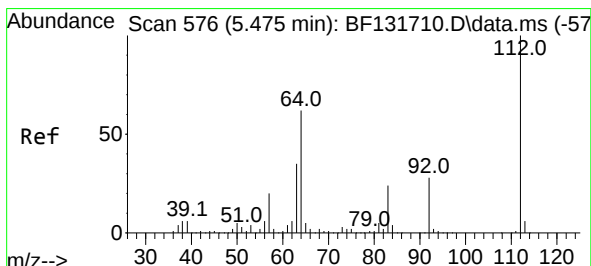
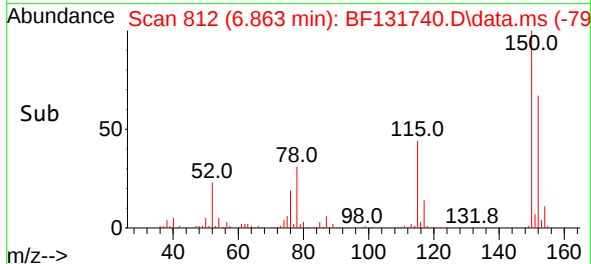
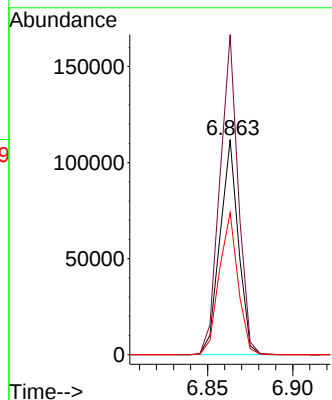
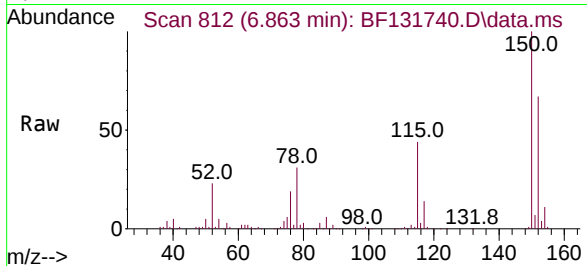




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

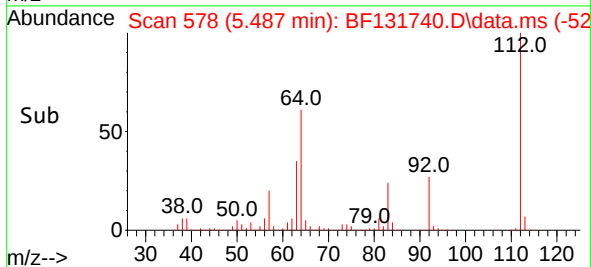
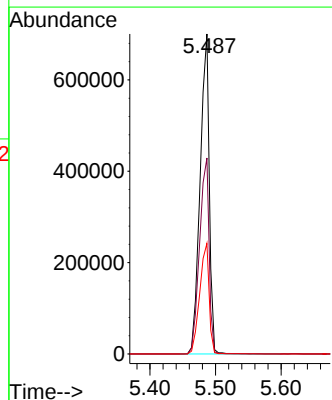
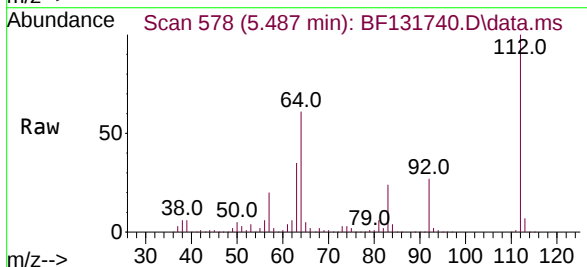
Instrument :
BNA_F
ClientSampleId :
PB149732BL

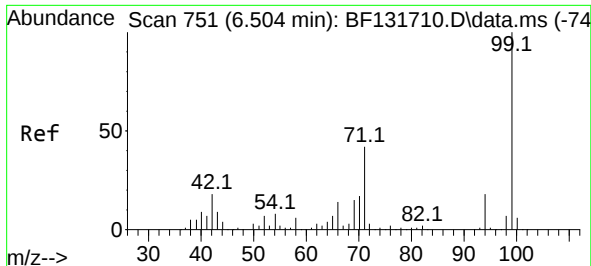
Tgt Ion:152 Resp: 84261
Ion Ratio Lower Upper
152 100
150 148.8 117.4 176.0
115 66.1 50.2 75.4



#5
2-Fluorophenol
Concen: 136.674 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

Tgt Ion:112 Resp: 683910
Ion Ratio Lower Upper
112 100
64 61.3 49.5 74.3
63 34.5 28.2 42.2

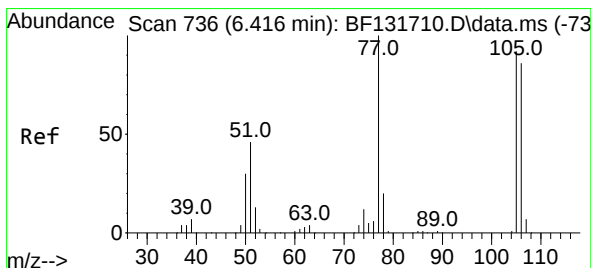
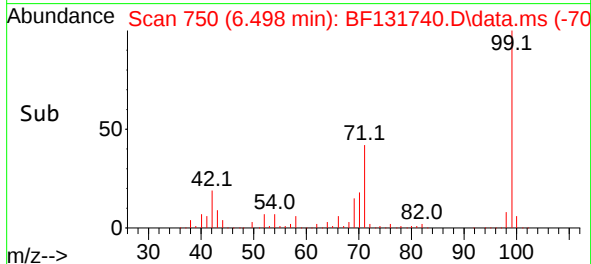
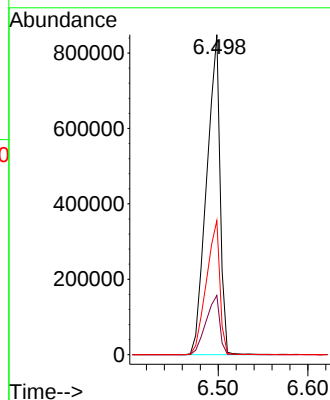
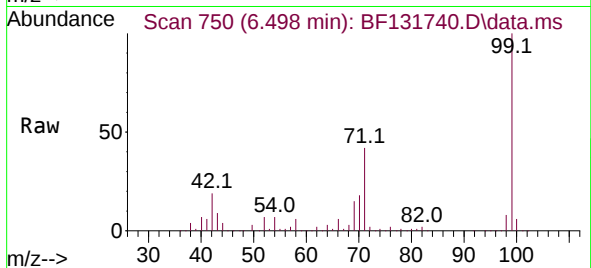




#7
Phenol-d6
Concen: 130.895 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

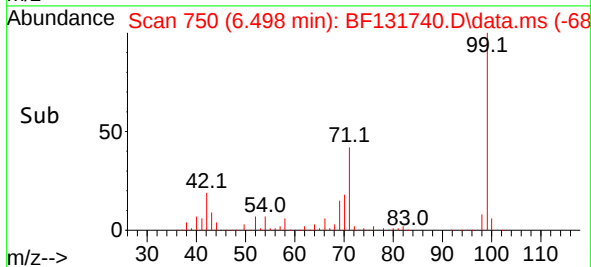
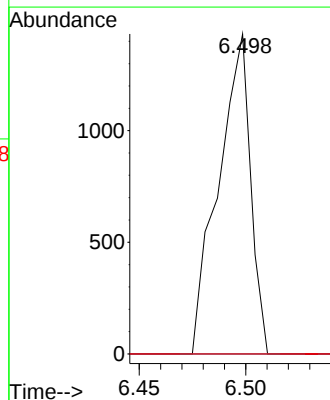
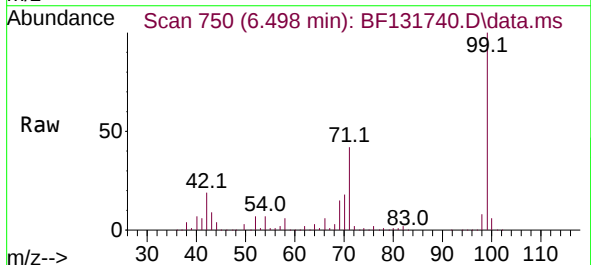
Instrument :
BNA_F
ClientSampleId :
PB149732BL

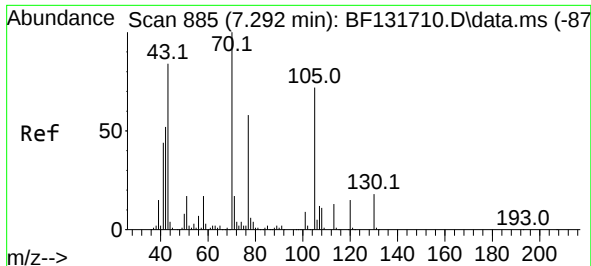
Tgt Ion: 99 Resp: 881604
Ion Ratio Lower Upper
99 100
42 18.5 14.8 22.2
71 41.9 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.498 min Scan# 750
Delta R.T. 0.082 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

Tgt Ion: 77 Resp: 1499
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

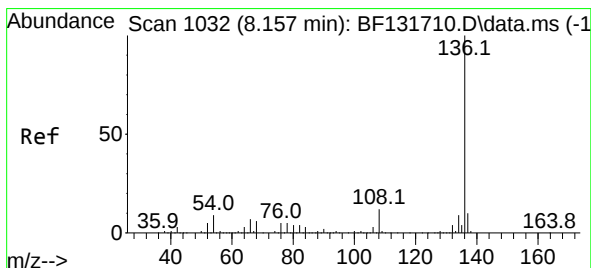
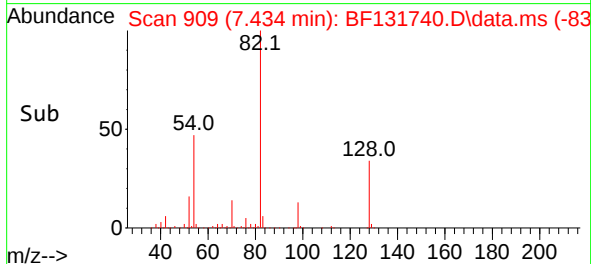
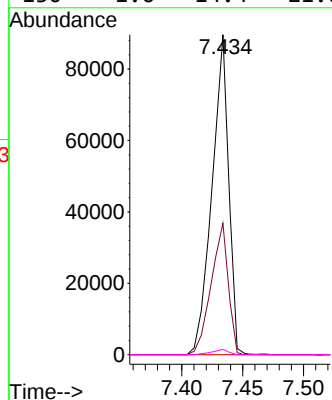
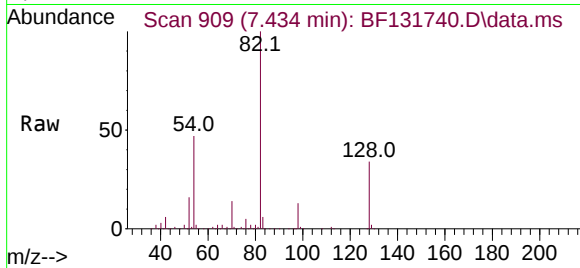




#19
n-Nitroso-di-n-propylamine
Concen: 17.519 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

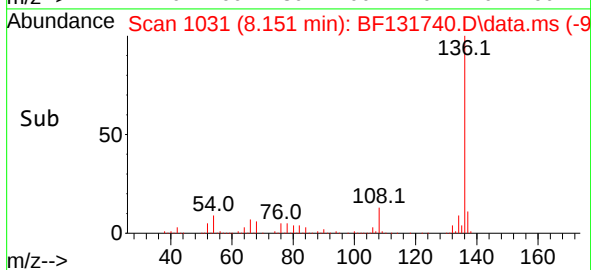
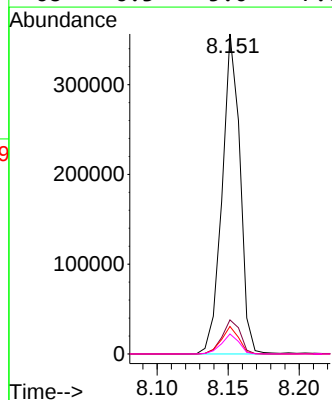
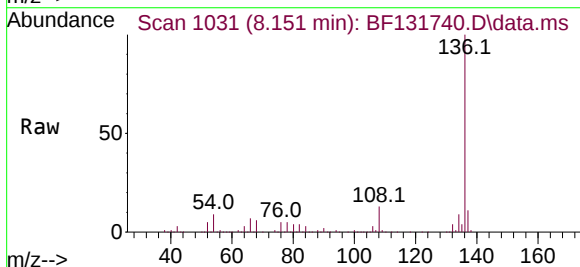
Instrument :
BNA_F
ClientSampleId :
PB149732BL

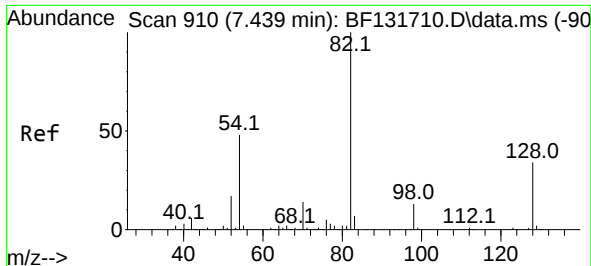
Tgt Ion: 70 Resp: 85098
Ion Ratio Lower Upper
70 100
42 41.1 41.5 62.3#
101 0.0 7.3 10.9#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

Tgt Ion: 136 Resp: 311284
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 8.6 7.2 10.8
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 80.055 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131740.D

Acq: 21 Dec 2022 10:43

Instrument :

BNA_F

ClientSampleId :

PB149732BL

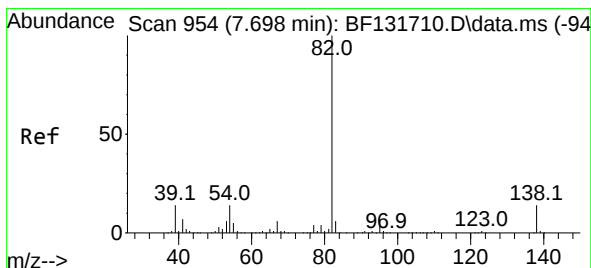
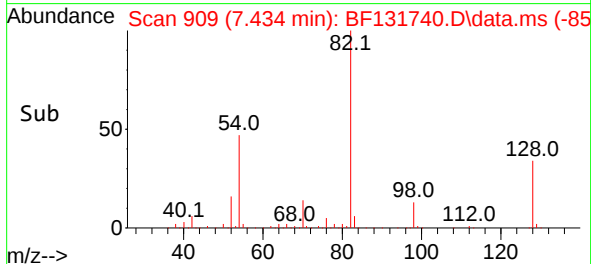
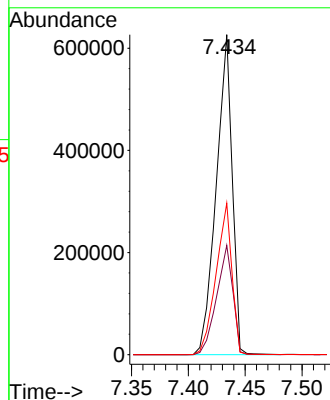
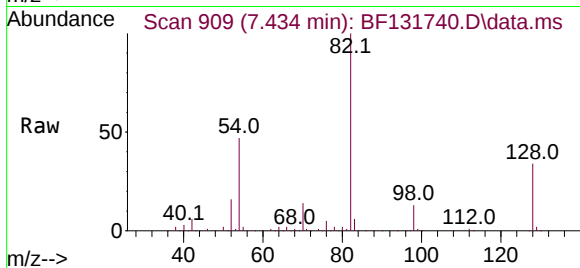
Tgt Ion: 82 Resp: 613849

Ion Ratio Lower Upper

82 100

128 34.2 27.3 40.9

54 47.3 38.2 57.2



#25

Isophorone

Concen: 46.982 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.264 min

Lab File: BF131740.D

Acq: 21 Dec 2022 10:43

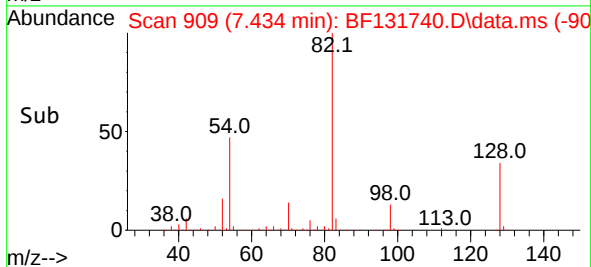
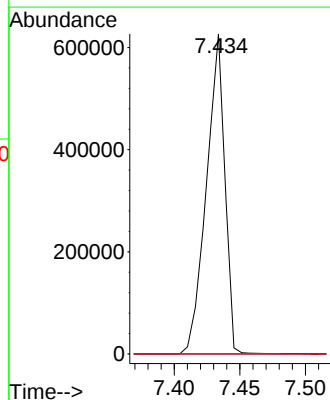
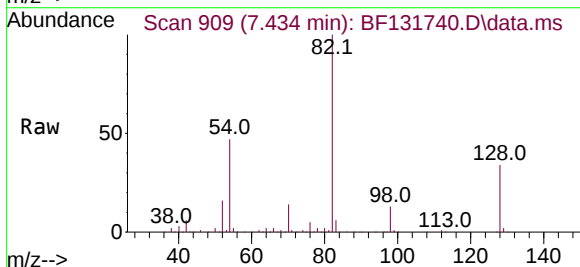
Tgt Ion: 82 Resp: 611802

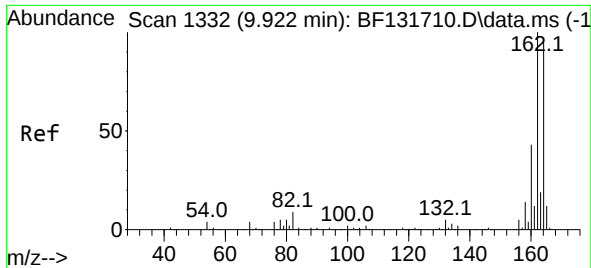
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

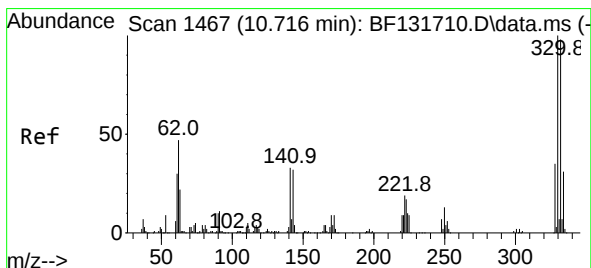
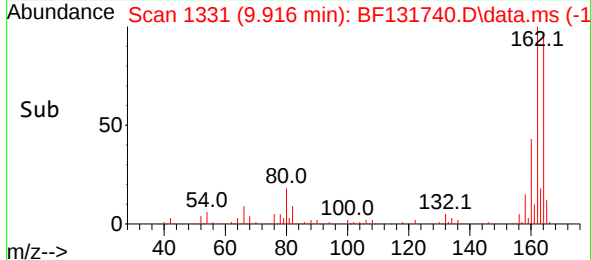
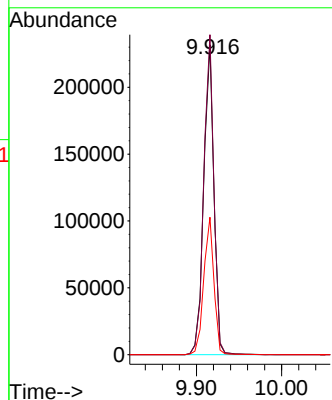
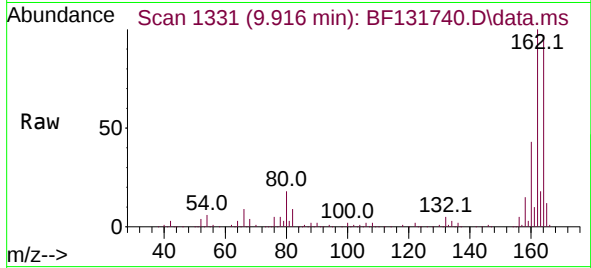




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

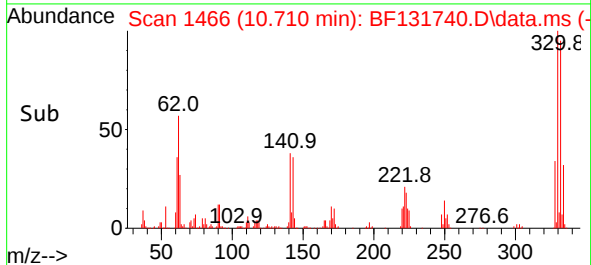
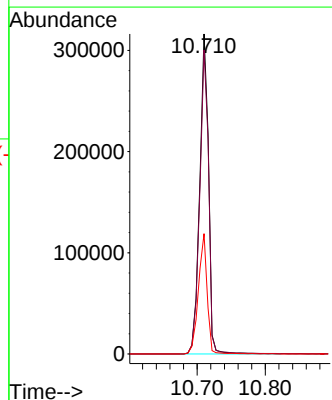
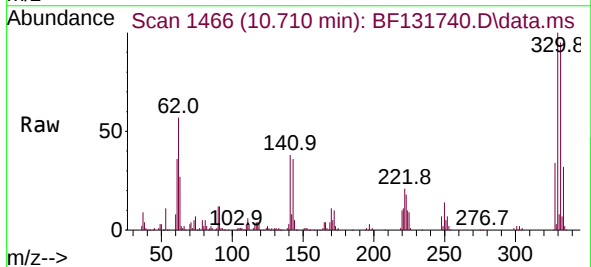
Instrument :
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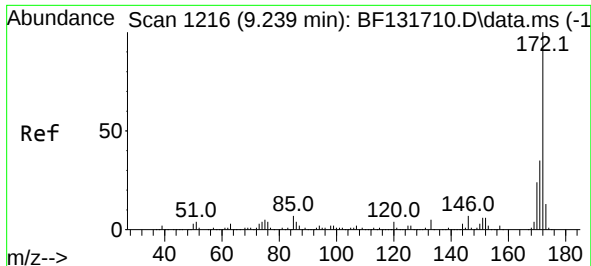
Tgt Ion:164 Resp: 193035
Ion Ratio Lower Upper
164 100
162 103.3 83.7 125.5
160 44.3 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 134.897 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

Tgt Ion:330 Resp: 285016
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 37.2 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 81.203 ng

RT: 9.234 min Scan# 11

Delta R.T. -0.005 min

Lab File: BF131740.D

Acq: 21 Dec 2022 10:43

Instrument :

BNA_F

ClientSampleId :

PB149732BL

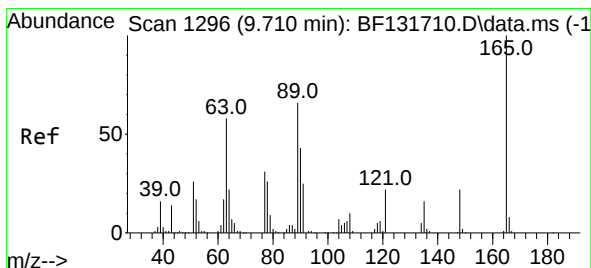
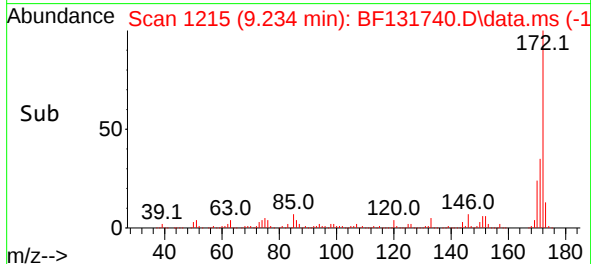
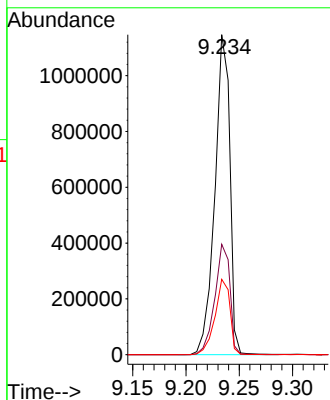
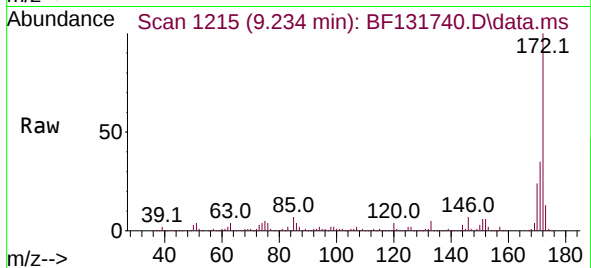
Tgt Ion:172 Resp: 1118992

Ion Ratio Lower Upper

172 100

171 34.5 27.9 41.9

170 23.5 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.793 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131740.D

Acq: 21 Dec 2022 10:43

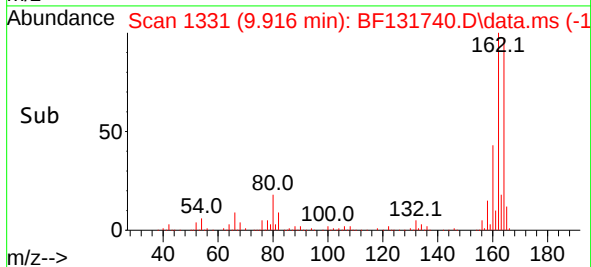
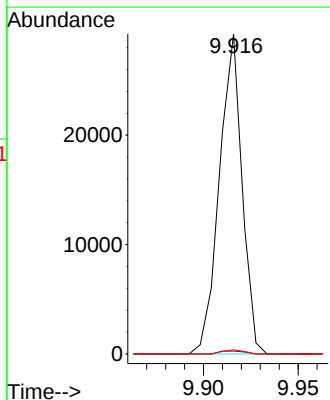
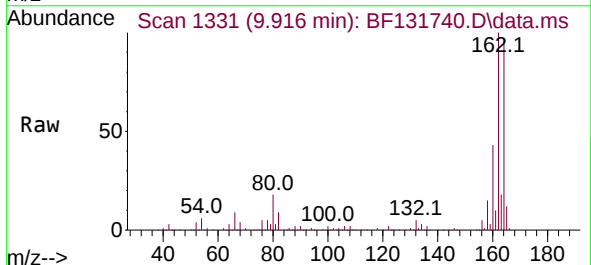
Tgt Ion:165 Resp: 24339

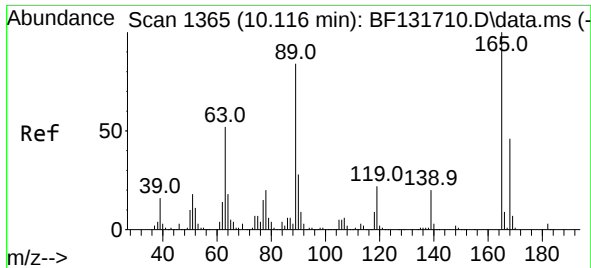
Ion Ratio Lower Upper

165 100

63 0.9 51.8 77.8#

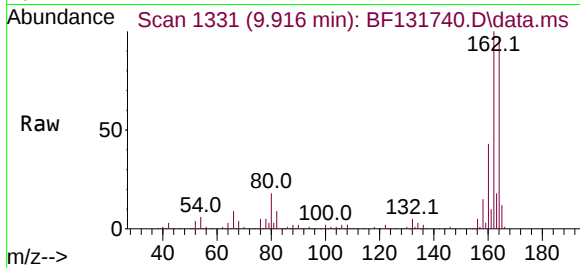
89 1.3 53.2 79.8#



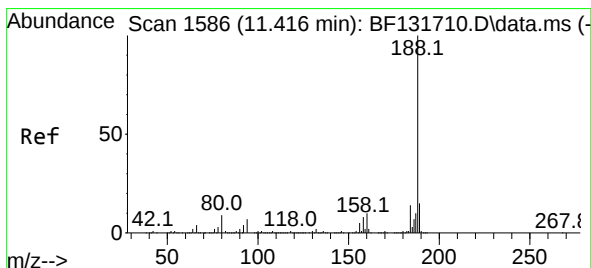
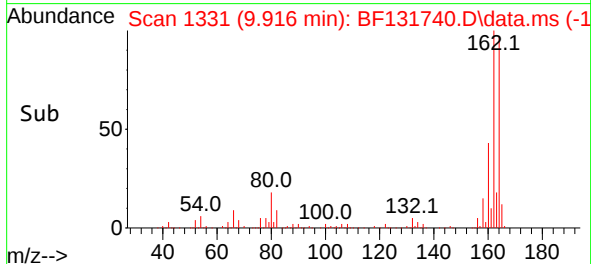
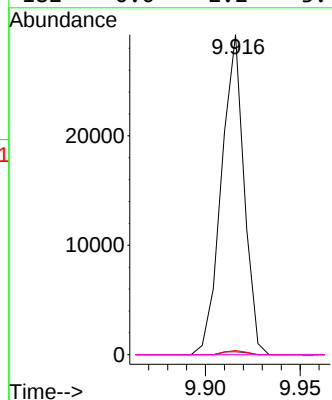


#57
2,4-Dinitrotoluene
Concen: 5.799 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

Instrument :
BNA_F
ClientSampleId :
PB149732BL

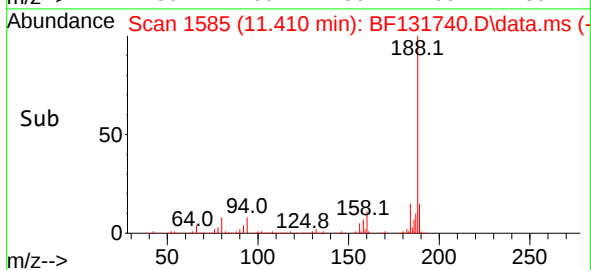
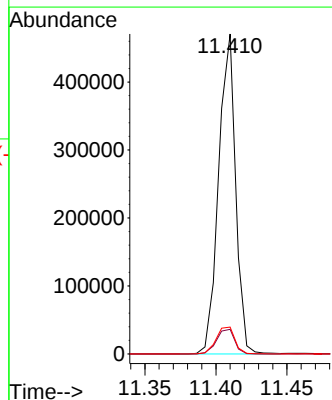
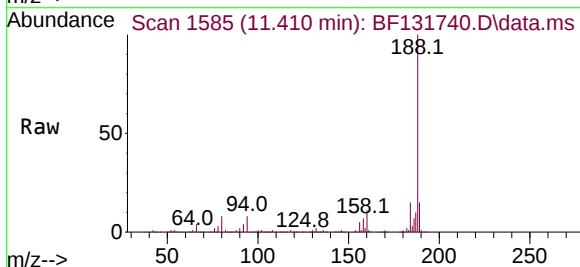


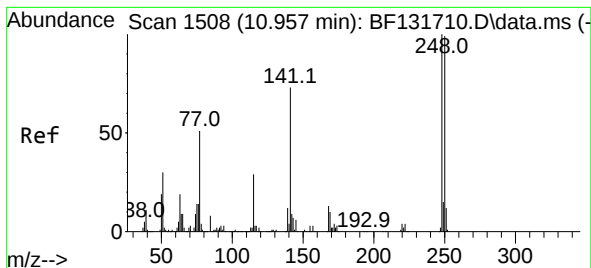
Tgt Ion:165 Resp: 24339
Ion Ratio Lower Upper
165 100
63 0.9 41.5 62.3#
89 1.3 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

Tgt Ion:188 Resp: 391168
Ion Ratio Lower Upper
188 100
94 7.7 5.9 8.9
80 8.4 7.0 10.6

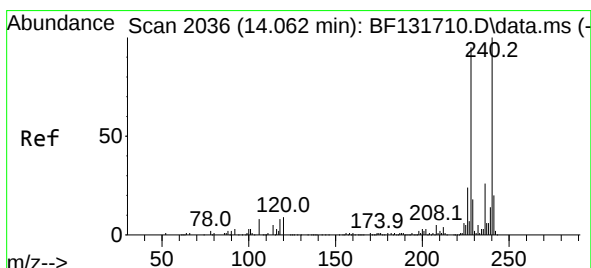
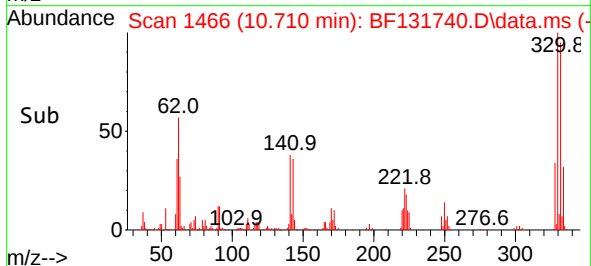
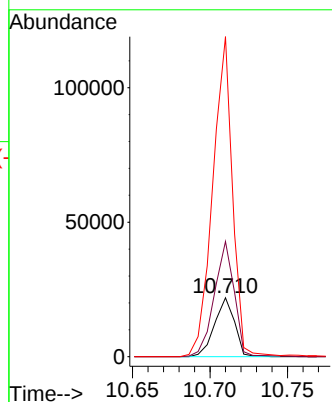
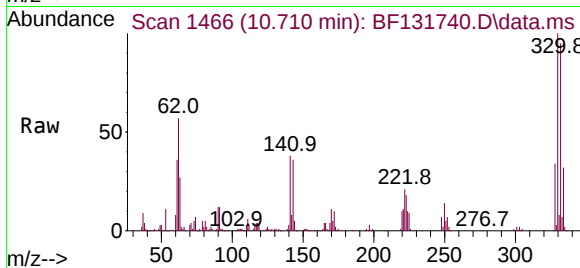




#67
4-Bromophenyl-phenylether
Concen: 4.271 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

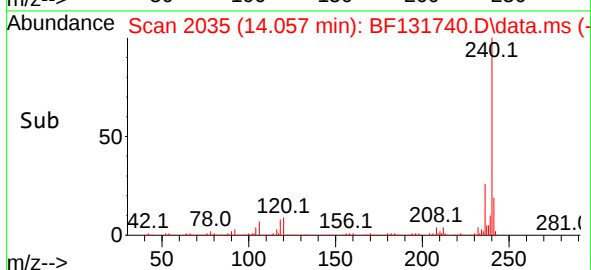
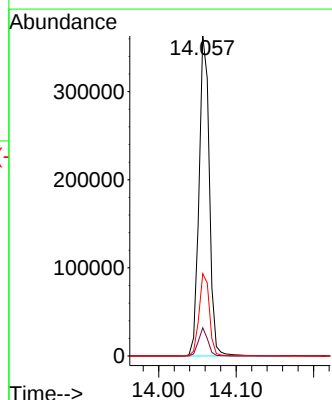
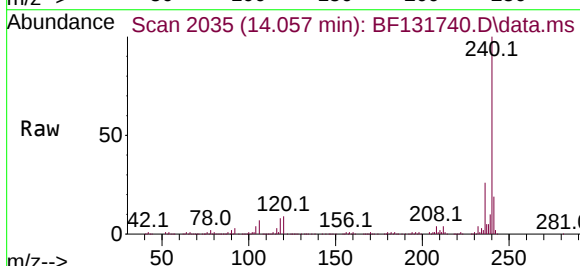
Instrument :
BNA_F
ClientSampleId :
PB149732BL

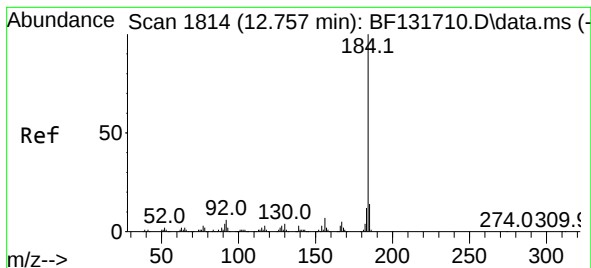
Tgt Ion:248 Resp: 19731
Ion Ratio Lower Upper
248 100
250 195.7 79.4 119.0#
141 543.4 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131740.D
Acq: 21 Dec 2022 10:43

Tgt Ion:240 Resp: 335746
Ion Ratio Lower Upper
240 100
120 8.8 7.6 11.4
236 25.7 21.2 31.8





#77

Benzidine

Concen: 3.980 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.247 min

Lab File: BF131740.D

Acq: 21 Dec 2022 10:43

Instrument :

BNA_F

ClientSampleId :

PB149732BL

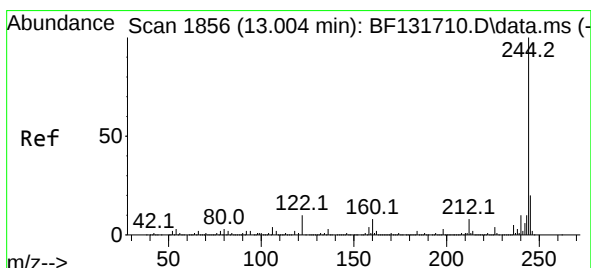
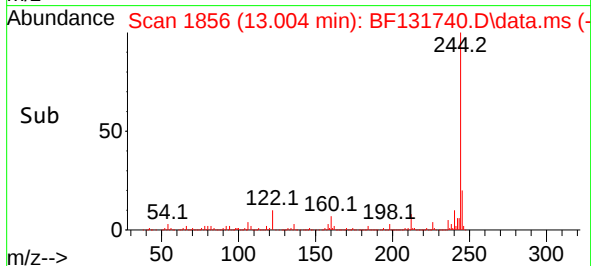
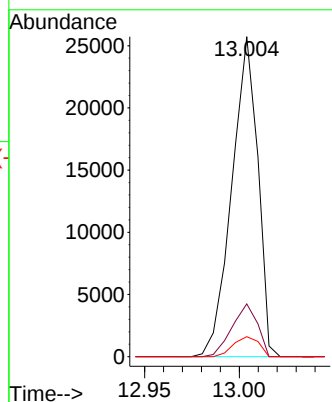
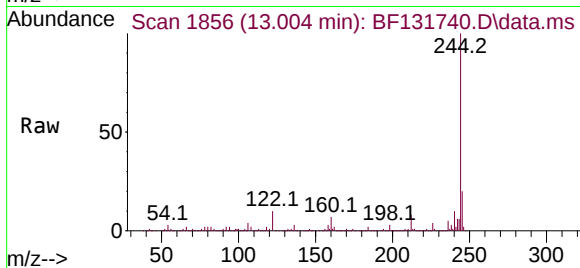
Tgt Ion:184 Resp: 24505

Ion Ratio Lower Upper

184 100

185 16.5 11.3 16.9

183 6.2 9.3 13.9#



#79

Terphenyl-d14

Concen: 75.662 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.000 min

Lab File: BF131740.D

Acq: 21 Dec 2022 10:43

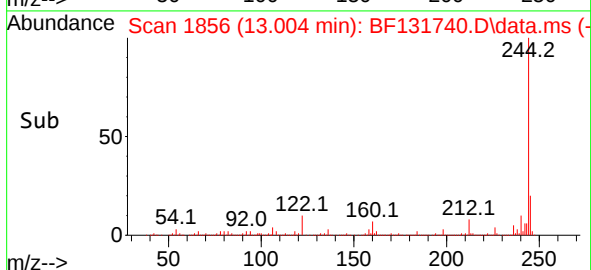
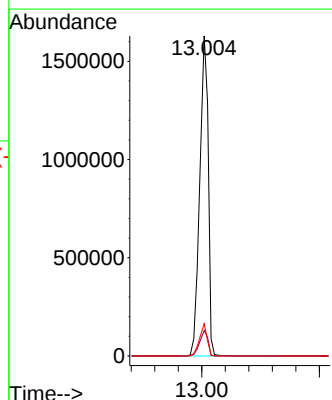
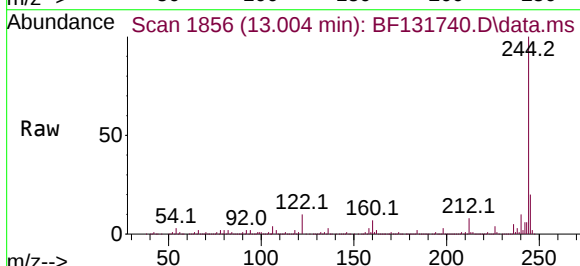
Tgt Ion:244 Resp: 1629942

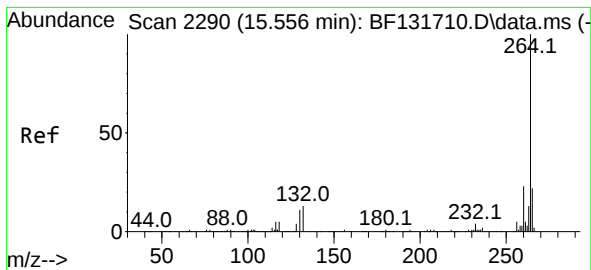
Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

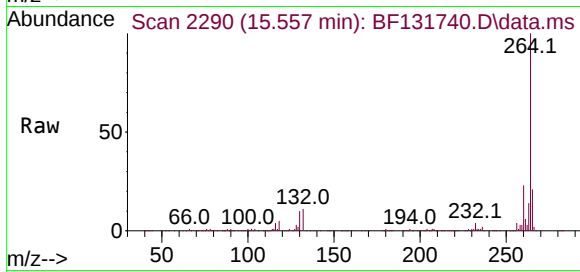
122 10.1 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF131740.D
 Acq: 21 Dec 2022 10:43

Instrument :
 BNA_F
 ClientSampleId :
 PB149732BL



Tgt Ion:264 Resp: 255964
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 20.9 17.4 26.2

