

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131733.D
 Acq On : 21 Dec 2022 01:53
 Operator : CG\JU
 Sample : N6076-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1

Quant Time: Dec 21 04:51:53 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)

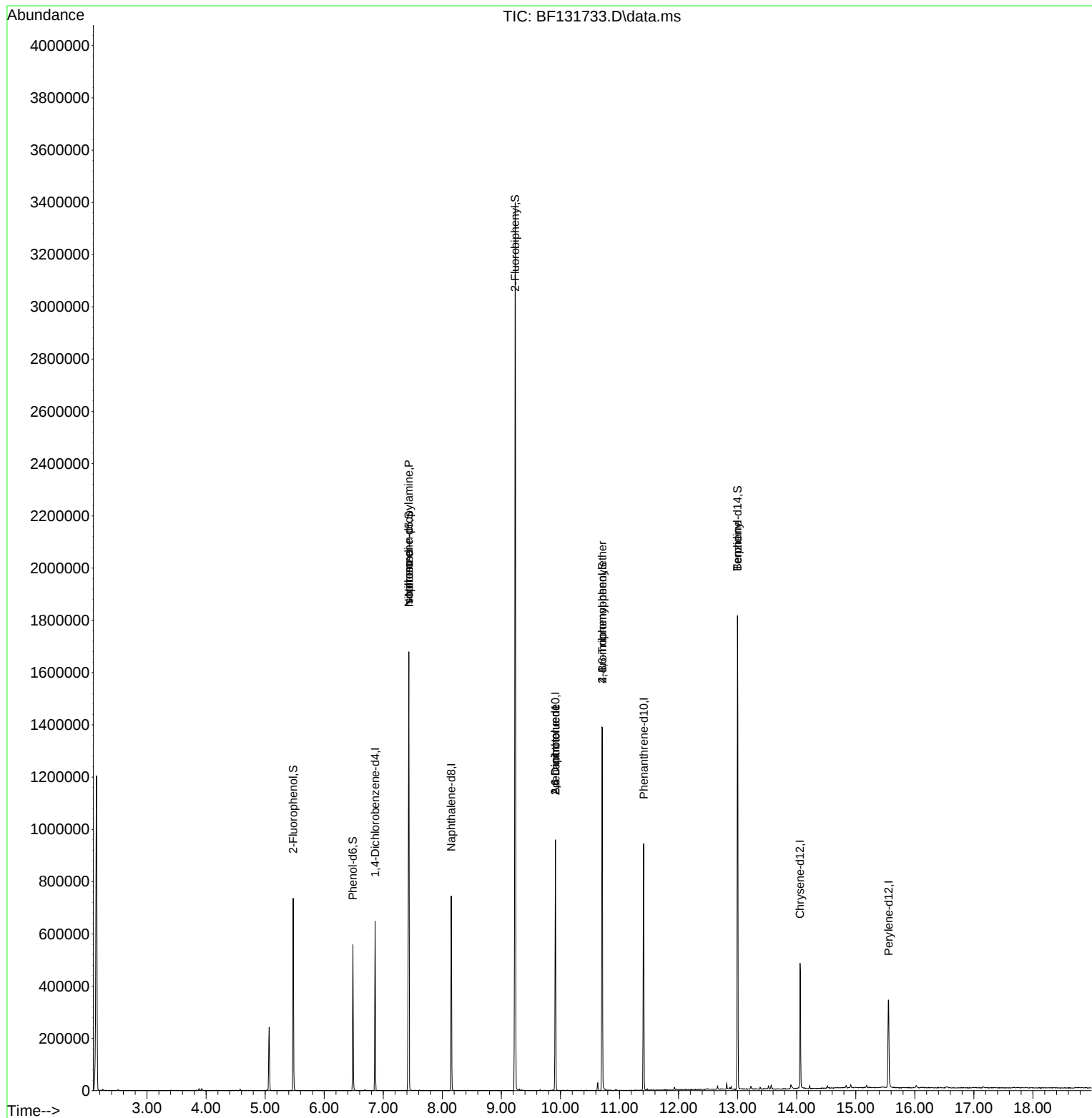
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80444	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	291250	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	172868	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	329661	20.000	ng	0.00
76) Chrysene-d12	14.057	240	163707	20.000	ng	0.00
86) Perylene-d12	15.556	264	171036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	160463	33.589	ng	0.00
7) Phenol-d6	6.486	99	142482	22.159	ng	-0.02
23) Nitrobenzene-d5	7.433	82	586876	81.802	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	159601	84.351	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1054638	85.462	ng	0.00
79) Terphenyl-d14	12.998	244	602291	57.339	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	224	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.433	70	80518	17.363	ng	# 78
25) Isophorone	7.433	82	584903	48.006	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	21673	7.749	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	21673	5.767	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	11078	2.845	ng	# 1
77) Benizidine	12.998	184	9321	3.105	ng	# 90

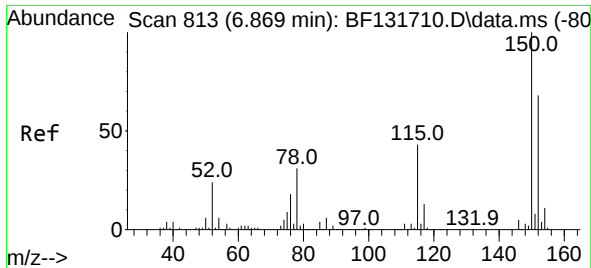
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
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Misc :
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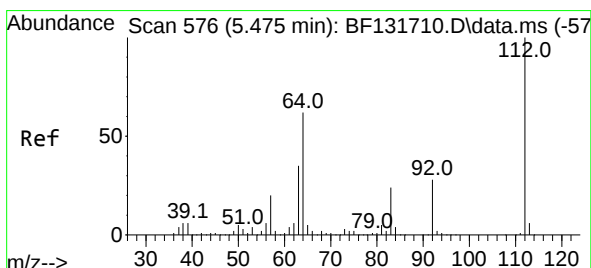
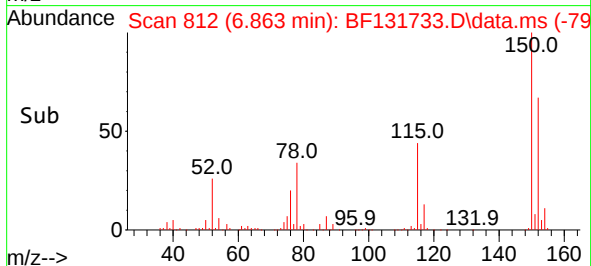
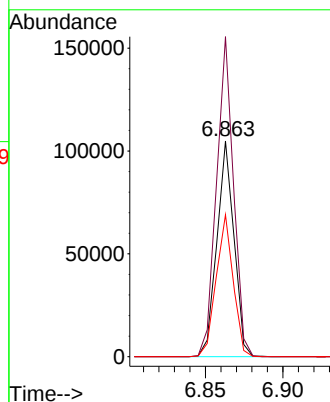
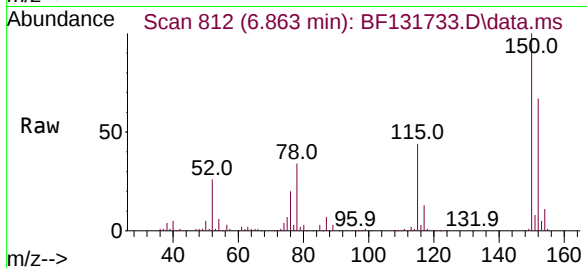




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

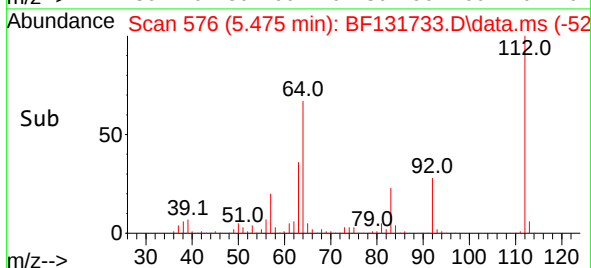
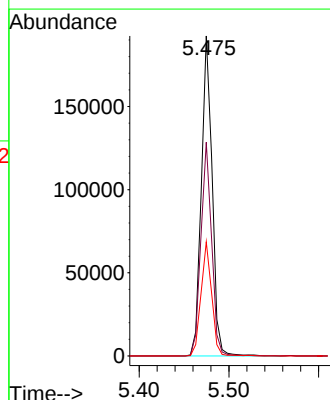
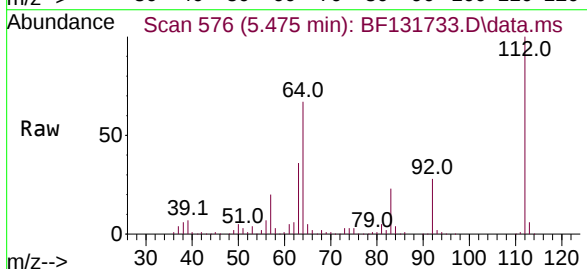
Instrument :
BNA_F
ClientSampleId :
PMW-1

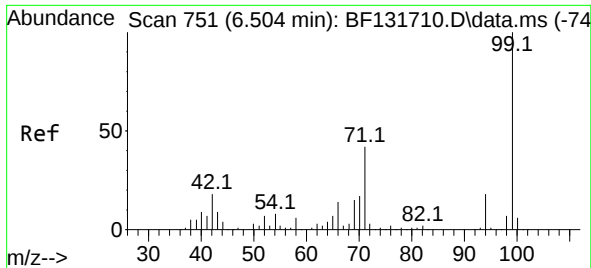
Tgt Ion:152 Resp: 80444
Ion Ratio Lower Upper
152 100
150 148.4 117.4 176.0
115 65.8 50.2 75.4



#5
2-Fluorophenol
Concen: 33.589 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

Tgt Ion:112 Resp: 160463
Ion Ratio Lower Upper
112 100
64 66.8 49.5 74.3
63 35.7 28.2 42.2

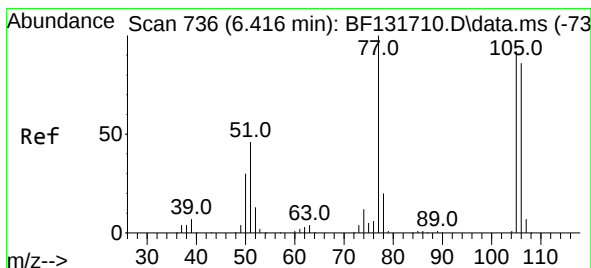
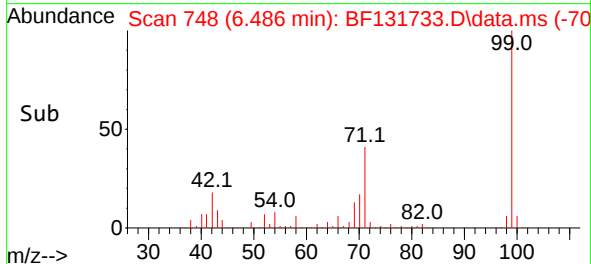
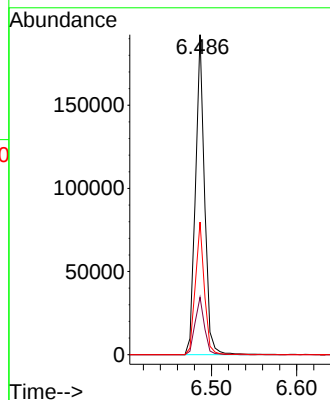
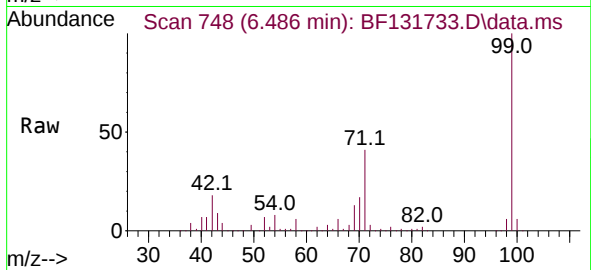




#7
Phenol-d6
Concen: 22.159 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.018 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

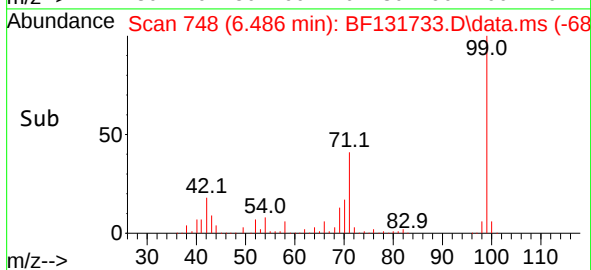
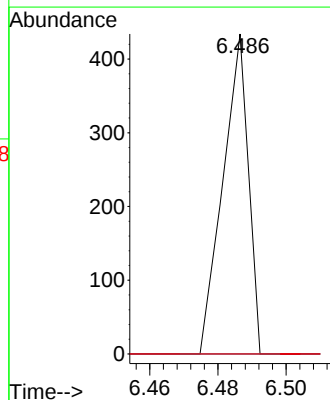
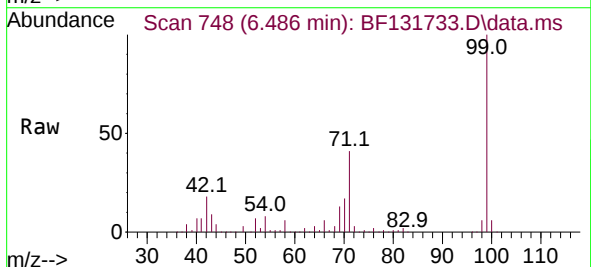
Instrument :
BNA_F
ClientSampleId :
PMW-1

Tgt Ion: 99 Resp: 142482
Ion Ratio Lower Upper
99 100
42 17.9 14.8 22.2
71 41.5 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.486 min Scan# 748
Delta R.T. 0.070 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

Tgt Ion: 77 Resp: 224
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

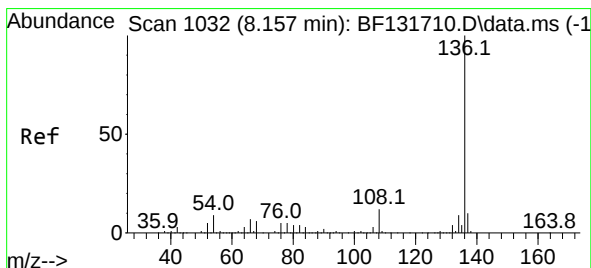
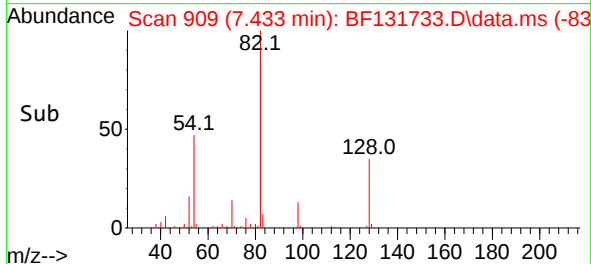
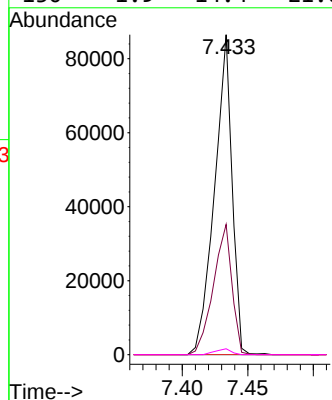
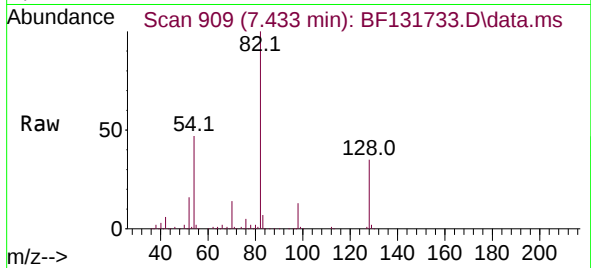




#19
n-Nitroso-di-n-propylamine
Concen: 17.363 ng
RT: 7.433 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

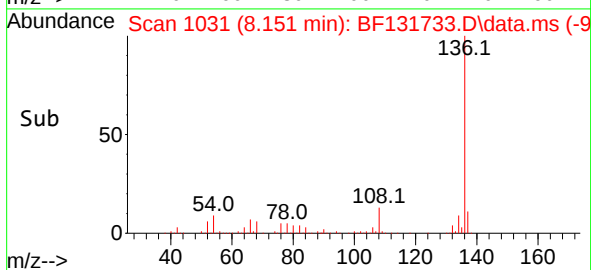
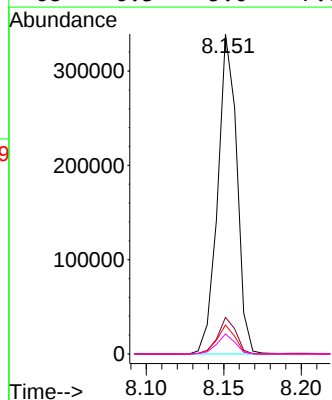
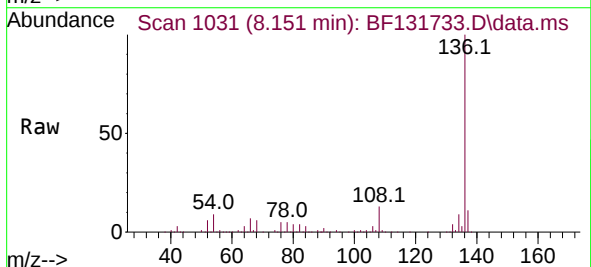
Instrument :
BNA_F
ClientSampleId :
PMW-1

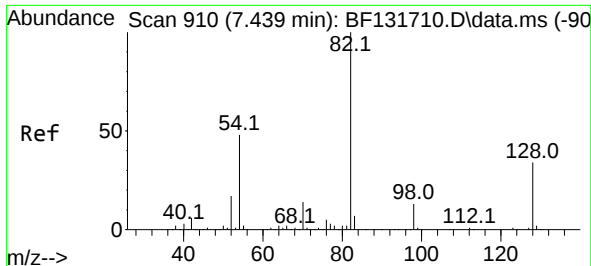
Tgt Ion: 70 Resp: 80518
Ion Ratio Lower Upper
70 100
42 40.7 41.5 62.3#
101 0.0 7.3 10.9#
130 1.9 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

Tgt Ion: 136 Resp: 291250
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.1 7.2 10.8
68 6.3 5.0 7.6

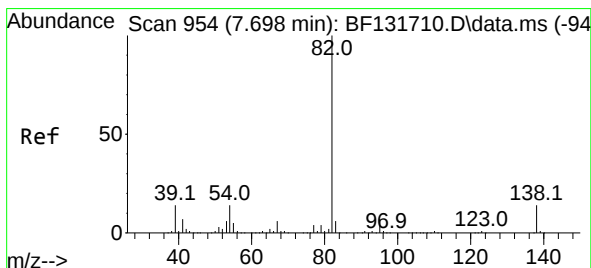
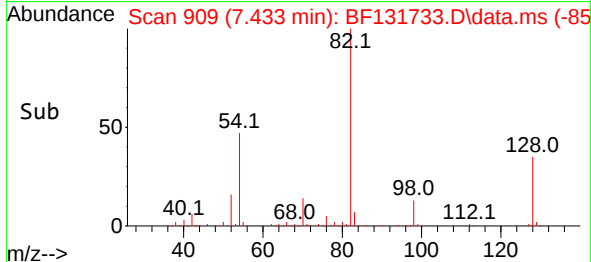
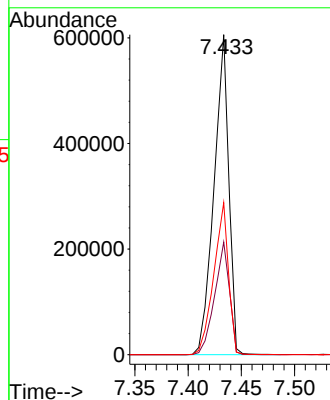
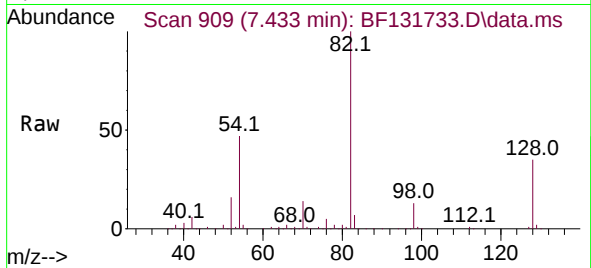




#23
Nitrobenzene-d5
Concen: 81.802 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

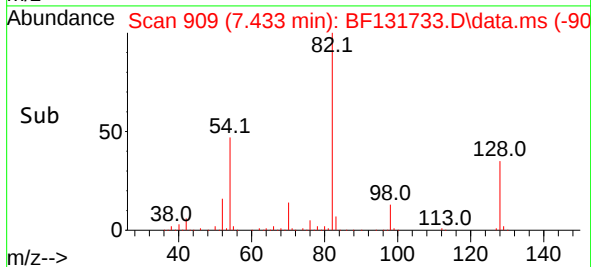
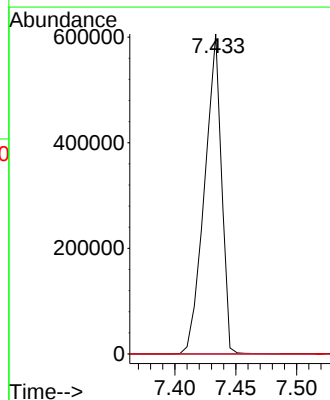
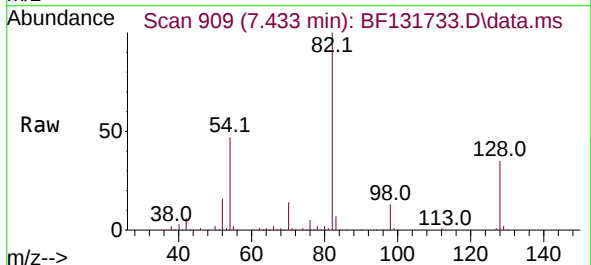
Instrument :
BNA_F
ClientSampleId :
PMW-1

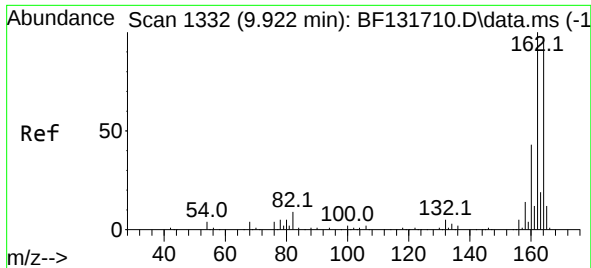
Tgt Ion: 82 Resp: 586876
Ion Ratio Lower Upper
82 100
128 35.2 27.3 40.9
54 47.5 38.2 57.2



#25
Isophorone
Concen: 48.006 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

Tgt Ion: 82 Resp: 584903
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.6 17.4#

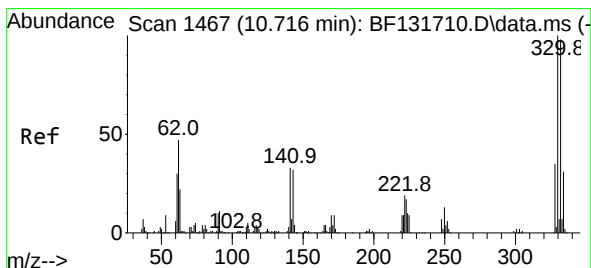
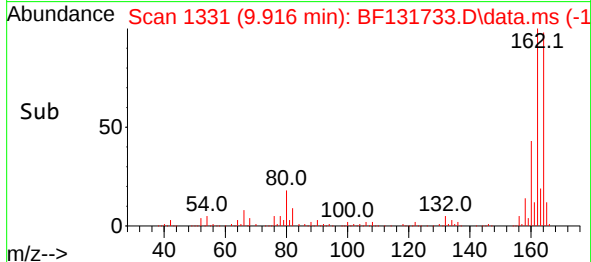
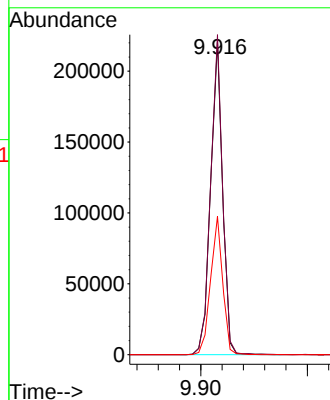
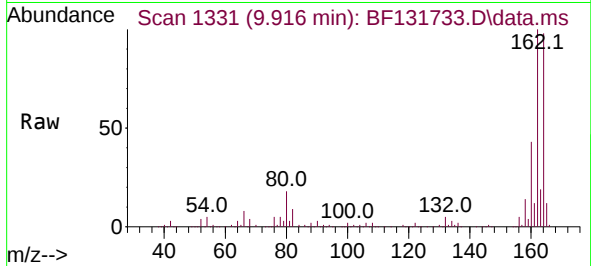




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

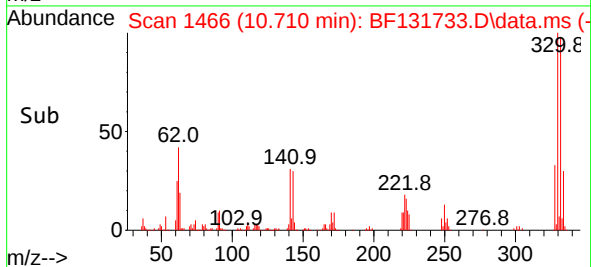
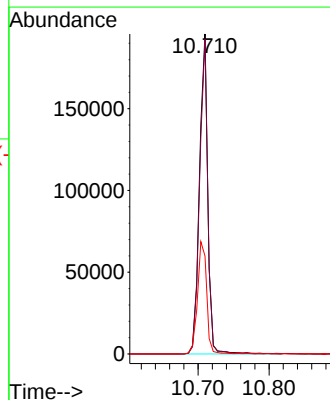
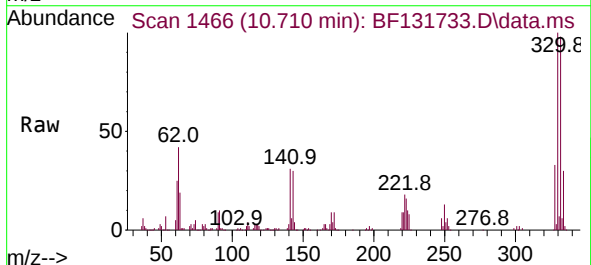
Instrument :
BNA_F
ClientSampleId :
PMW-1

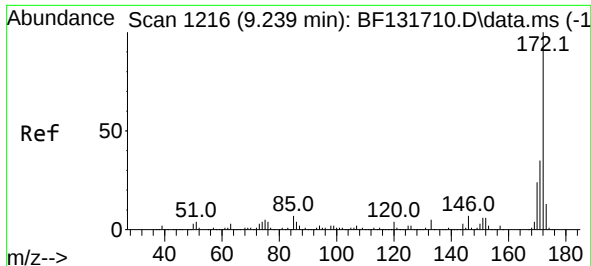
Tgt Ion:164 Resp: 172868
Ion Ratio Lower Upper
164 100
162 102.1 83.7 125.5
160 44.1 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 84.351 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

Tgt Ion:330 Resp: 159601
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 38.8 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 85.462 ng

RT: 9.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131733.D

Acq: 21 Dec 2022 01:53

Instrument :

BNA_F

ClientSampleId :

PMW-1

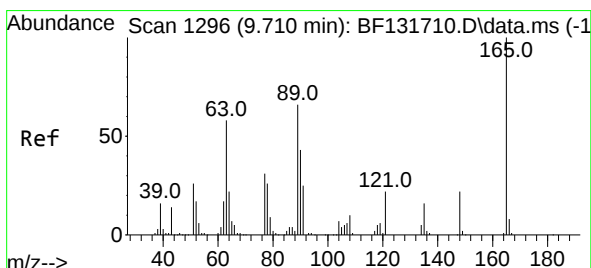
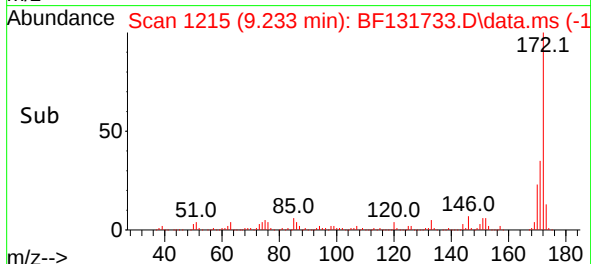
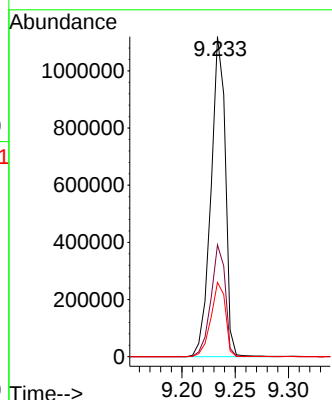
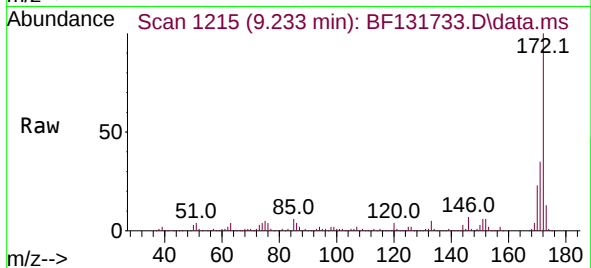
Tgt Ion:172 Resp: 1054638

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.2 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.749 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131733.D

Acq: 21 Dec 2022 01:53

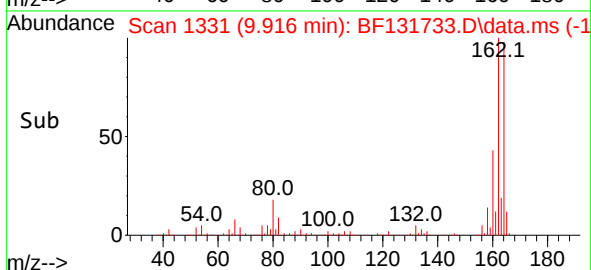
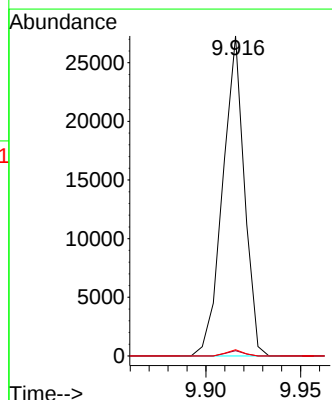
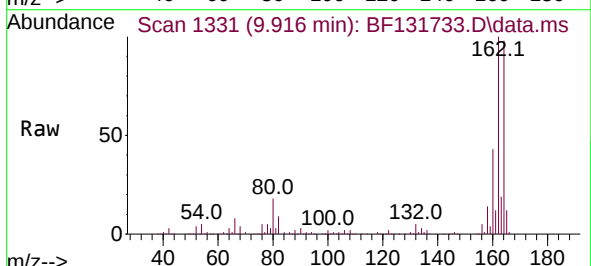
Tgt Ion:165 Resp: 21673

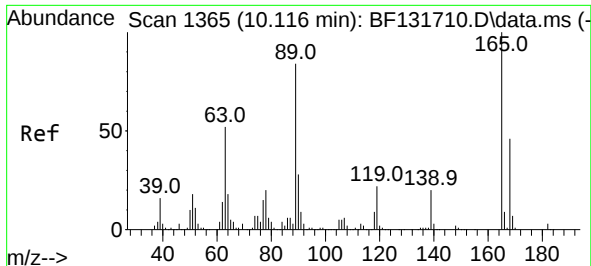
Ion Ratio Lower Upper

165 100

63 1.7 51.8 77.8#

89 1.9 53.2 79.8#

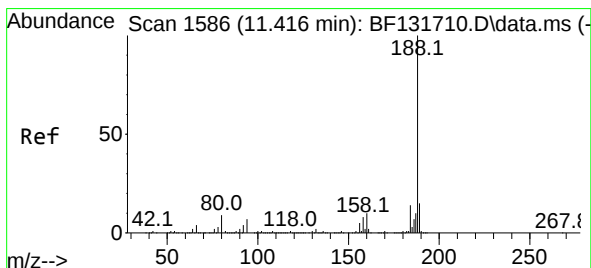
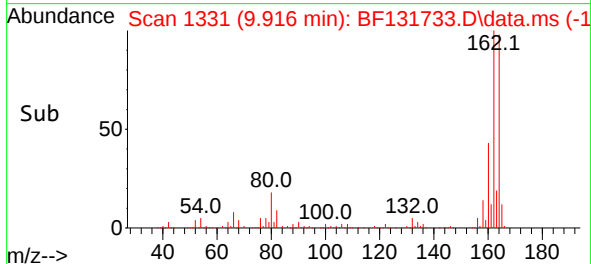
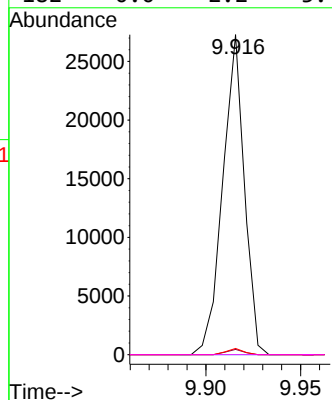
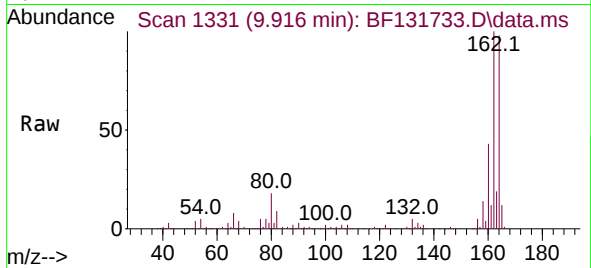




#57
2,4-Dinitrotoluene
Concen: 5.767 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

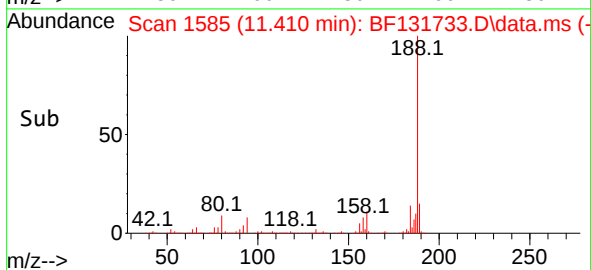
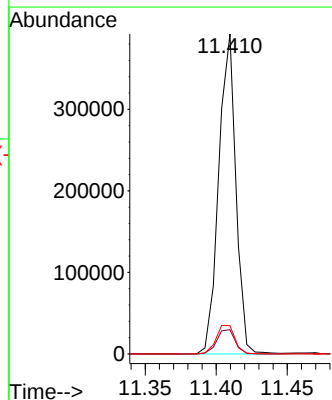
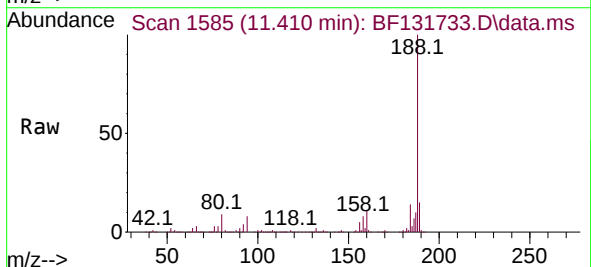
Instrument :
BNA_F
ClientSampleId :
PMW-1

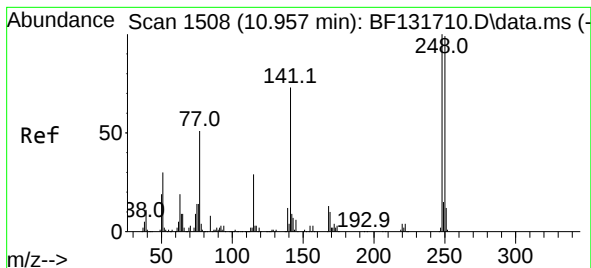
Tgt Ion:165 Resp: 21673
Ion Ratio Lower Upper
165 100
63 1.7 41.5 62.3#
89 1.9 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

Tgt Ion:188 Resp: 329661
Ion Ratio Lower Upper
188 100
94 7.6 5.9 8.9
80 8.9 7.0 10.6

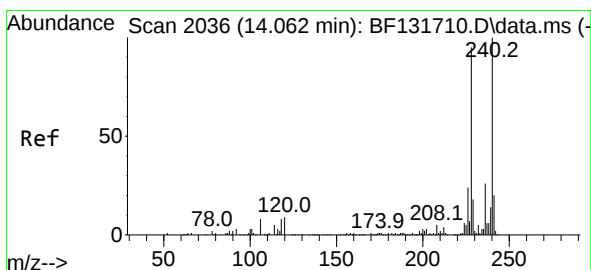
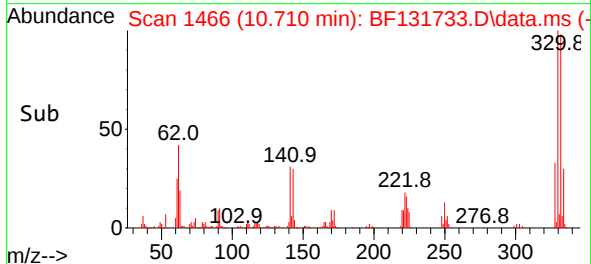
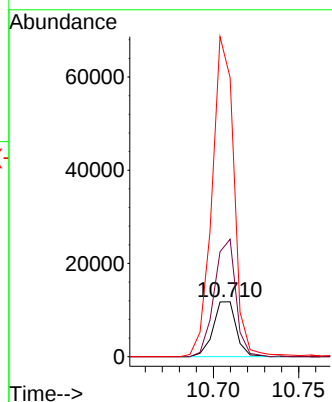
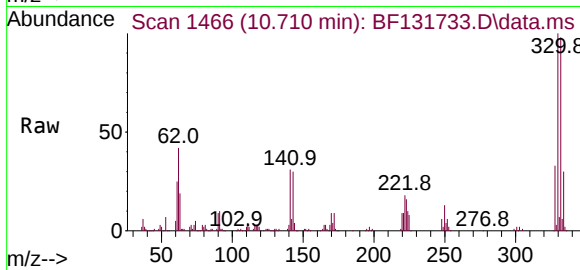




#67
4-Bromophenyl-phenylether
Concen: 2.845 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

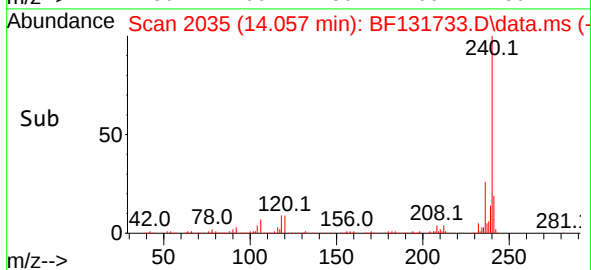
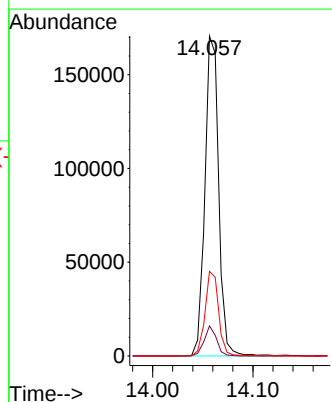
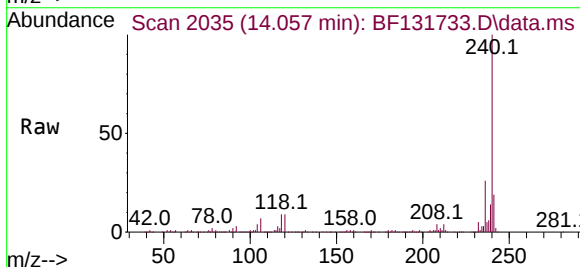
Instrument :
BNA_F
ClientSampleId :
PMW-1

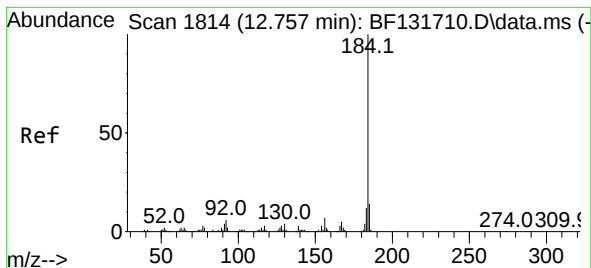
Tgt Ion:248 Resp: 11078
Ion Ratio Lower Upper
248 100
250 214.2 79.4 119.0#
141 508.8 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

Tgt Ion:240 Resp: 163707
Ion Ratio Lower Upper
240 100
120 9.4 7.6 11.4
236 26.5 21.2 31.8





#77

Benzidine

Concen: 3.105 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.241 min

Lab File: BF131733.D

Acq: 21 Dec 2022 01:53

Instrument :

BNA_F

ClientSampleId :

PMW-1

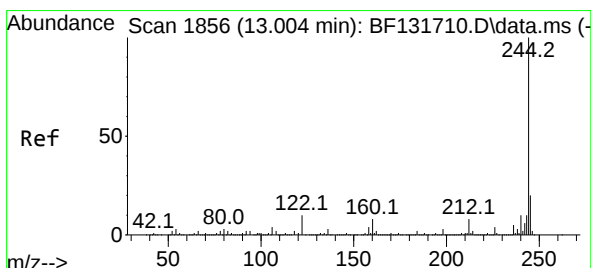
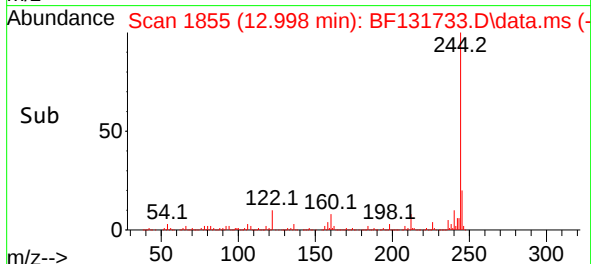
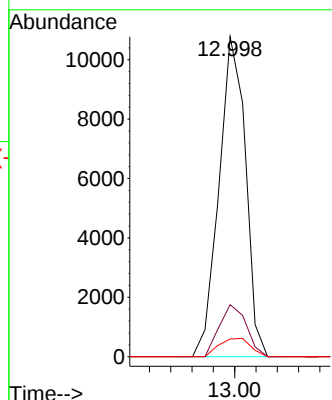
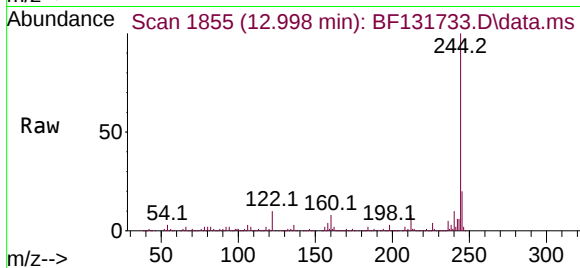
Tgt Ion:184 Resp: 9321

Ion Ratio Lower Upper

184 100

185 16.3 11.3 16.9

183 5.5 9.3 13.9#



#79

Terphenyl-d14

Concen: 57.339 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF131733.D

Acq: 21 Dec 2022 01:53

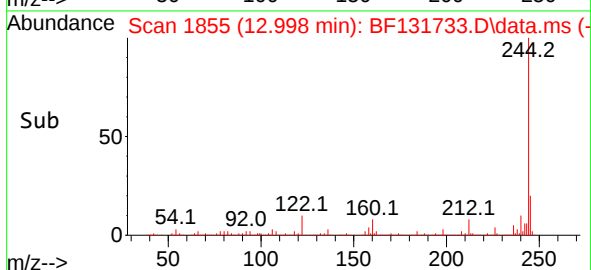
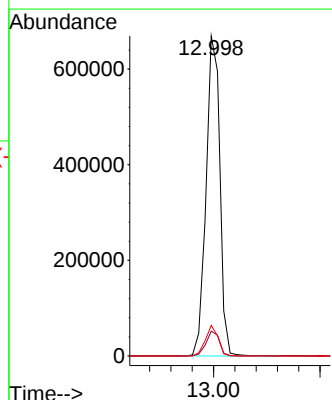
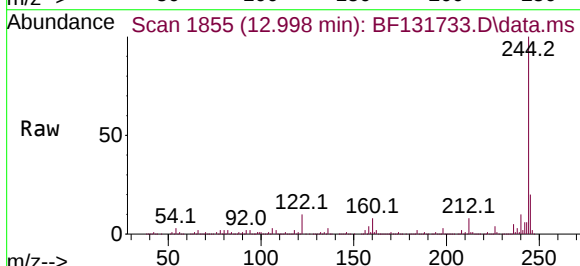
Tgt Ion:244 Resp: 602291

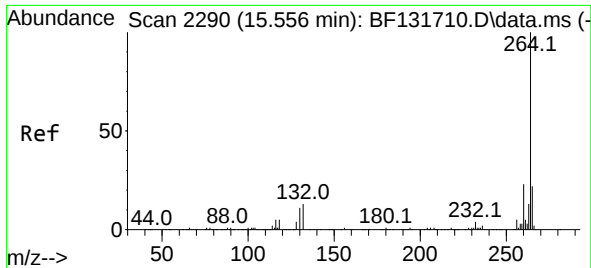
Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 9.6 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF131733.D
Acq: 21 Dec 2022 01:53

Instrument :
BNA_F
ClientSampleId :
PMW-1

Tgt Ion:264 Resp: 171036
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 20.9 17.4 26.2

