

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122022\
 Data File : BF131732.D
 Acq On : 21 Dec 2022 01:22
 Operator : CG\JU
 Sample : N6076-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-4

Quant Time: Dec 21 04:51:35 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)

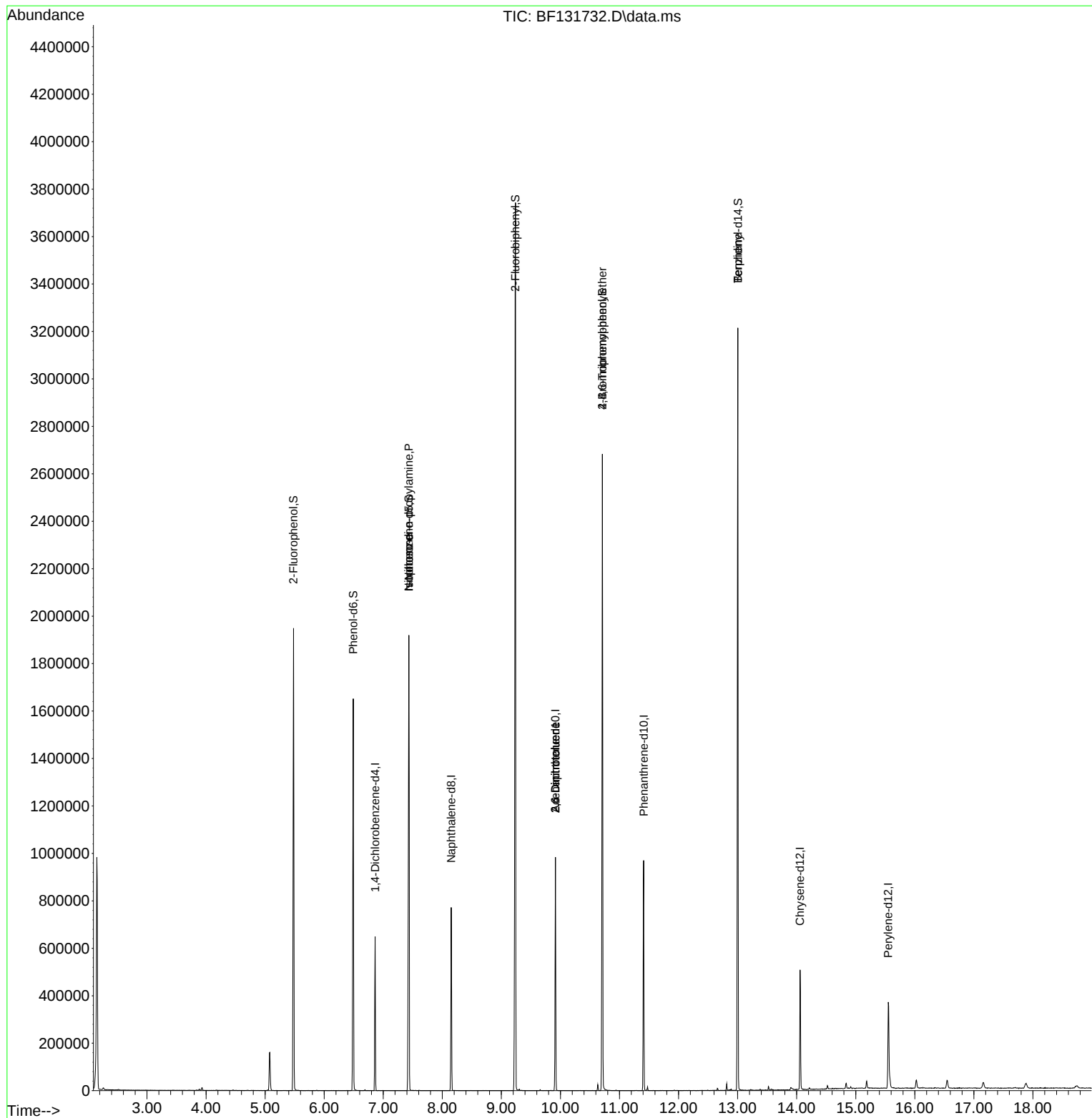
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83321	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	300877	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	175978	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	338641	20.000	ng	0.00
76) Chrysene-d12	14.057	240	168655	20.000	ng	0.00
86) Perylene-d12	15.551	264	173849	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	465459	94.068	ng	0.00
7) Phenol-d6	6.492	99	483607	72.613	ng	-0.01
23) Nitrobenzene-d5	7.433	82	735793	99.278	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	289981	150.550	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1277265	101.673	ng	0.00
79) Terphenyl-d14	13.004	244	1016635	93.946	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	802	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.433	70	102829	21.408	ng	# 79
25) Isophorone	7.433	82	733787	58.299	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	22831	8.019	ng	# 19
57) 2,4-Dinitrotoluene	9.916	165	22831	5.967	ng	# 18
67) 4-Bromophenyl-phenylether	10.710	248	20449	5.113	ng	# 1
77) Benzydine	13.004	184	15488	5.008	ng	# 91

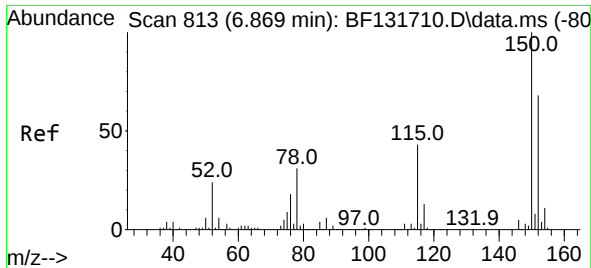
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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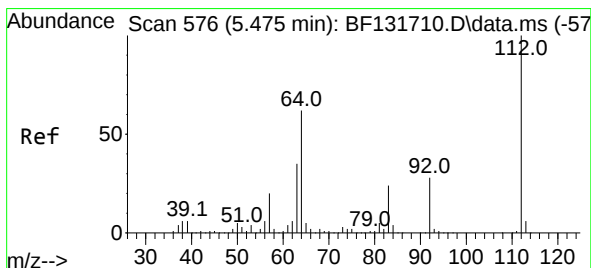
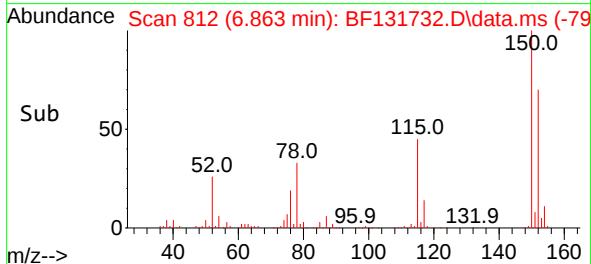
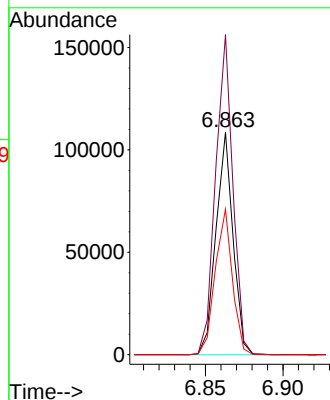
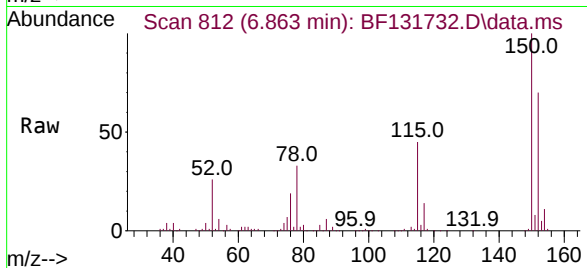




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

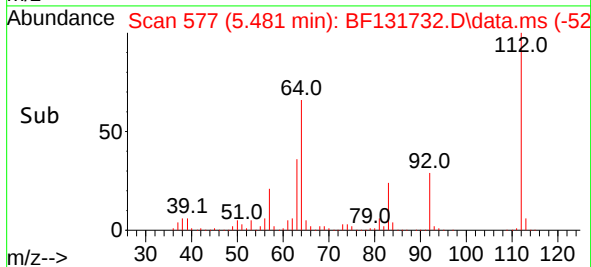
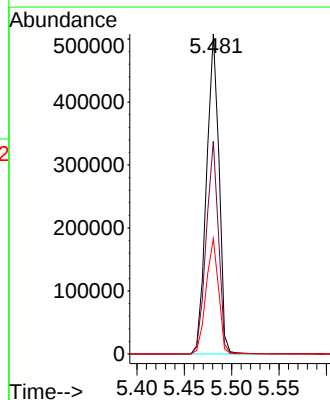
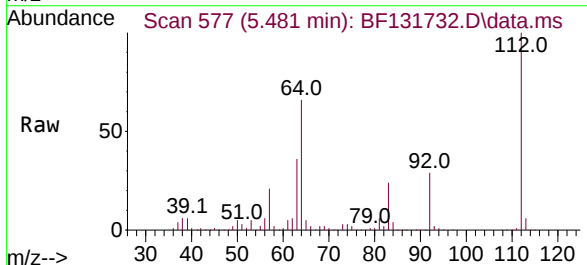
Instrument :
BNA_F
ClientSampleId :
MW-4

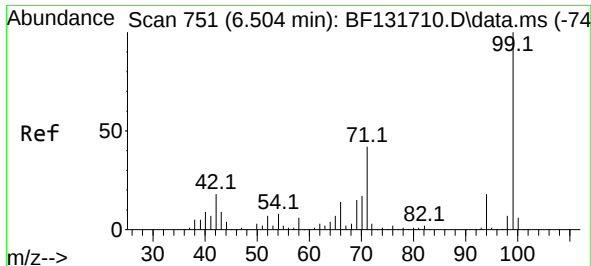
Tgt Ion:152 Resp: 83321
Ion Ratio Lower Upper
152 100
150 143.7 117.4 176.0
115 65.4 50.2 75.4



#5
2-Fluorophenol
Concen: 94.068 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

Tgt Ion:112 Resp: 465459
Ion Ratio Lower Upper
112 100
64 66.5 49.5 74.3
63 36.0 28.2 42.2

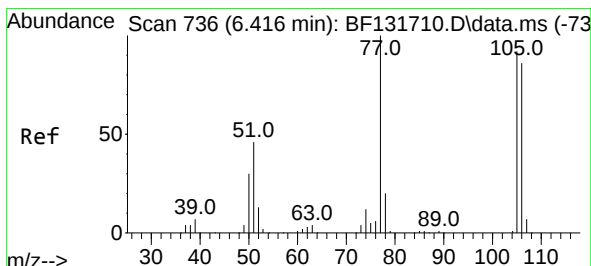
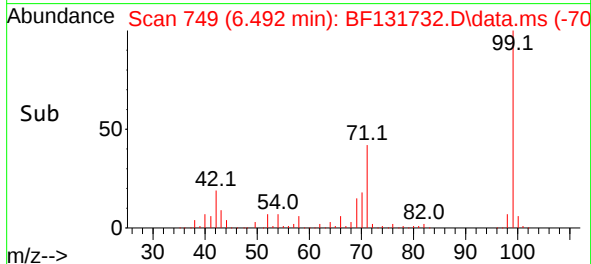
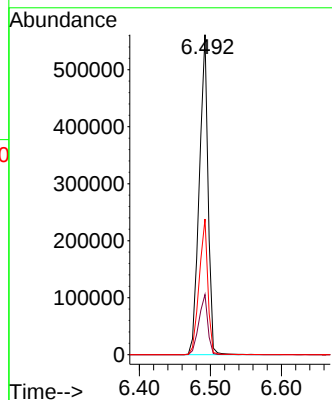
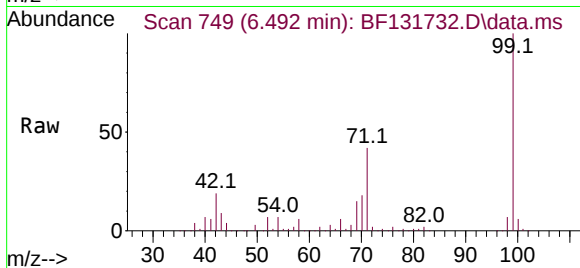




#7
Phenol-d6
Concen: 72.613 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

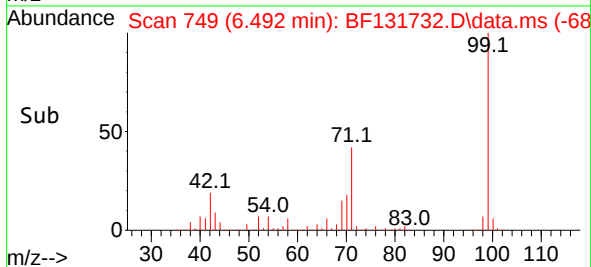
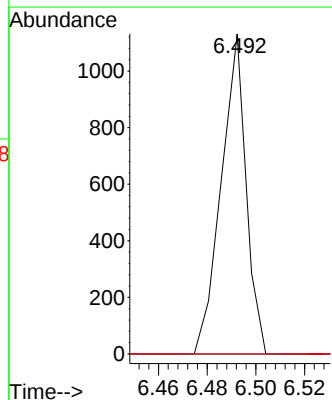
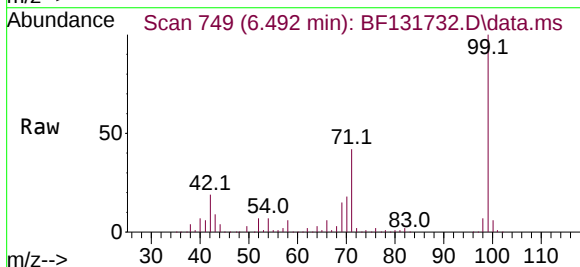
Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion: 99 Resp: 483607
Ion Ratio Lower Upper
99 100
42 18.8 14.8 22.2
71 42.4 33.8 50.6



#9
Benzaldehyde
Concen: Below Cal
RT: 6.492 min Scan# 749
Delta R.T. 0.076 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

Tgt Ion: 77 Resp: 802
Ion Ratio Lower Upper
77 100
105 0.0 72.4 112.4#
106 0.0 66.5 106.5#

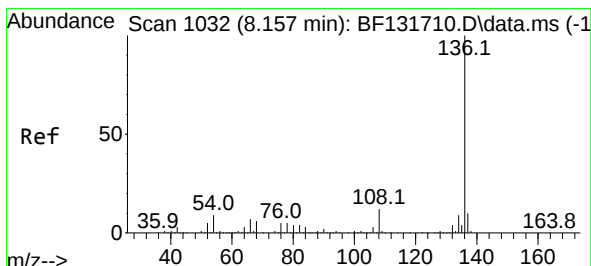
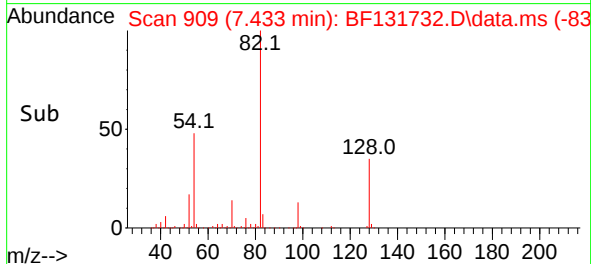
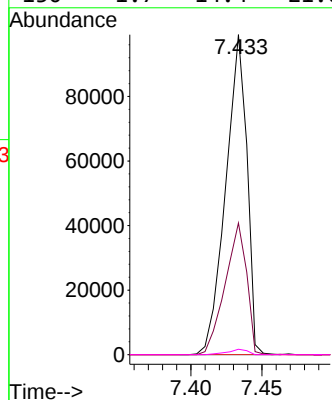
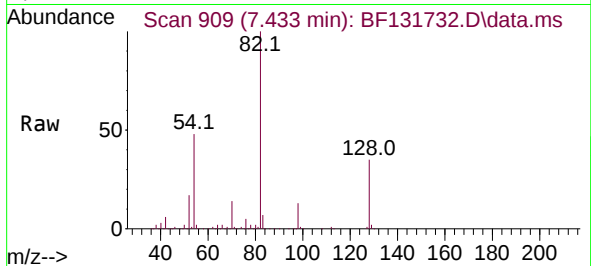




#19
n-Nitroso-di-n-propylamine
Concen: 21.408 ng
RT: 7.433 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

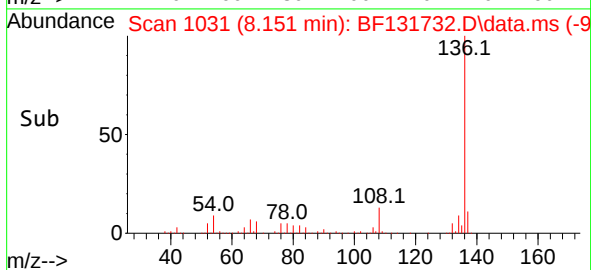
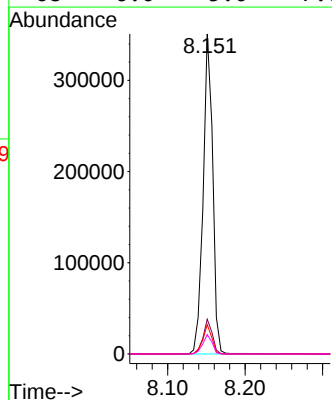
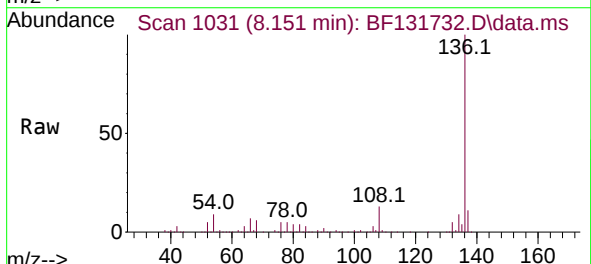
Instrument :
BNA_F
ClientSampleId :
MW-4

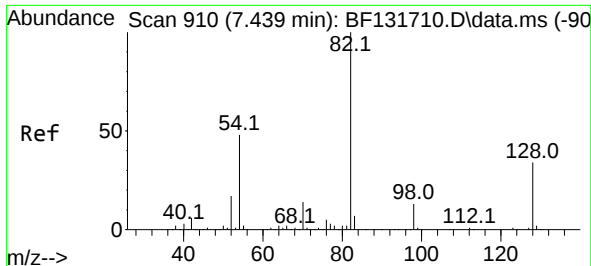
Tgt Ion: 70 Resp: 102829
Ion Ratio Lower Upper
70 100
42 41.1 41.5 62.3#
101 0.0 7.3 10.9#
130 1.7 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

Tgt Ion: 136 Resp: 300877
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 9.1 7.2 10.8
68 6.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 99.278 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF131732.D

Acq: 21 Dec 2022 01:22

Instrument :

BNA_F

ClientSampleId :

MW-4

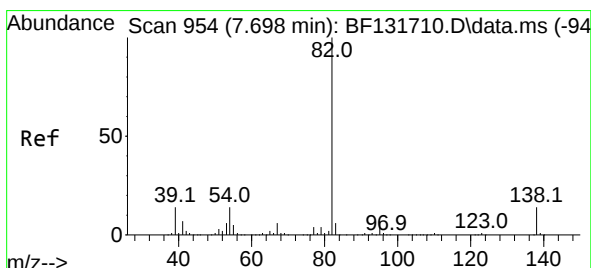
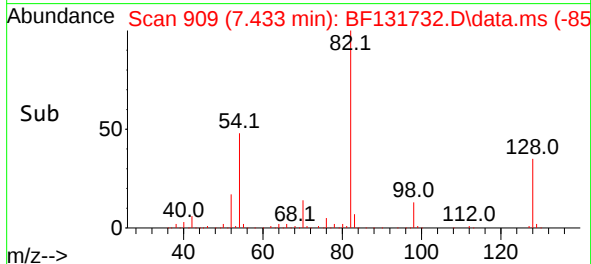
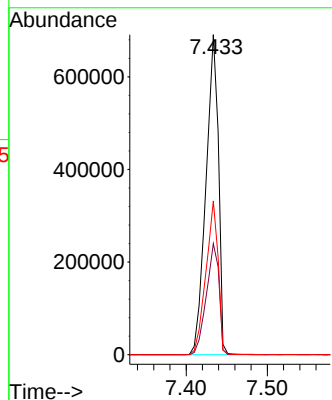
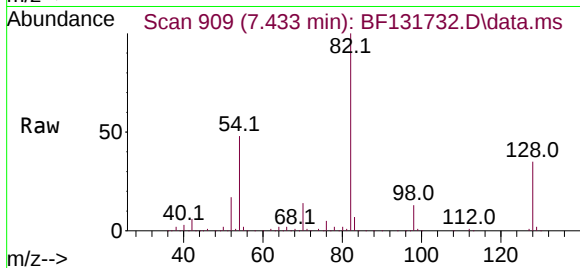
Tgt Ion: 82 Resp: 735793

Ion Ratio Lower Upper

82 100

128 34.7 27.3 40.9

54 48.1 38.2 57.2



#25

Isophorone

Concen: 58.299 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.265 min

Lab File: BF131732.D

Acq: 21 Dec 2022 01:22

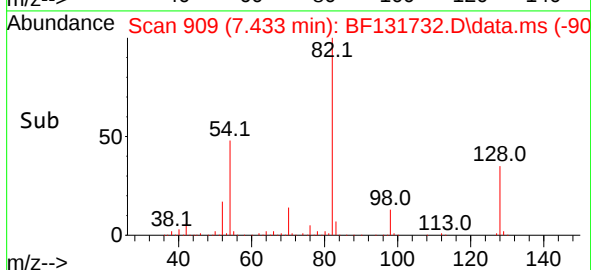
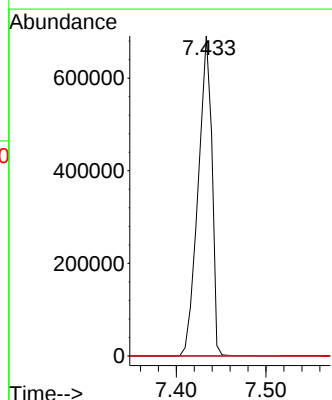
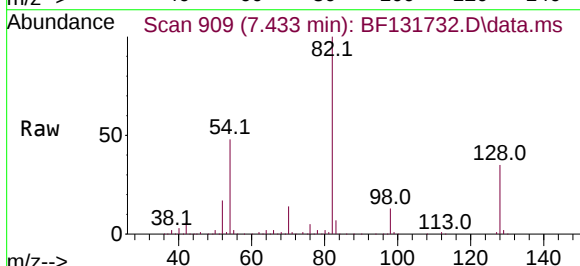
Tgt Ion: 82 Resp: 733787

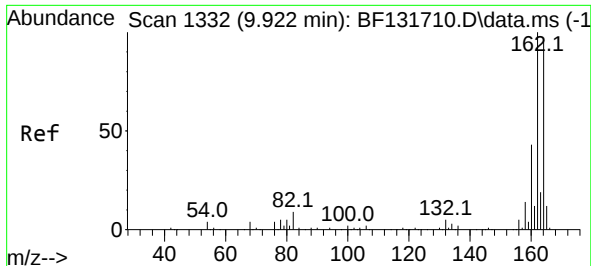
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 11.6 17.4#

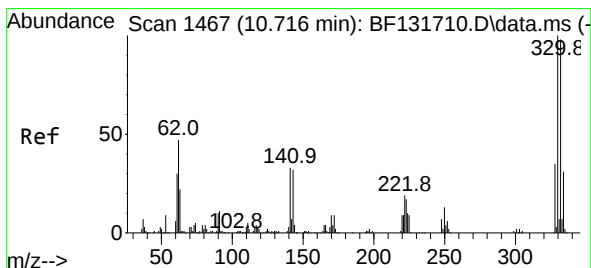
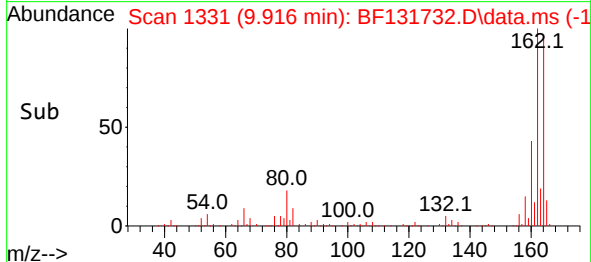
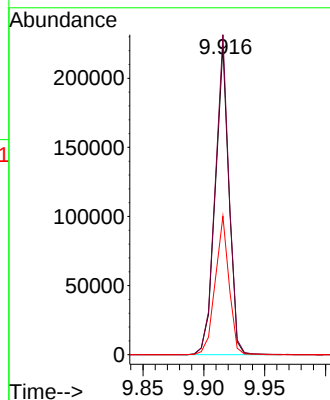
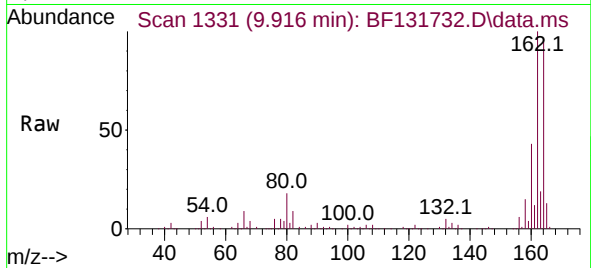




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

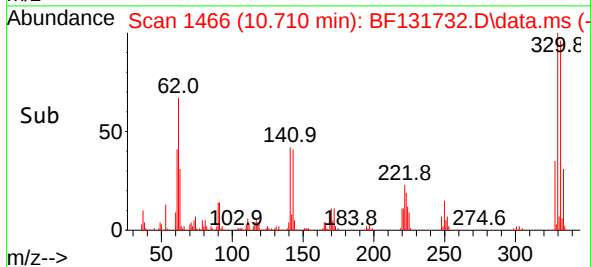
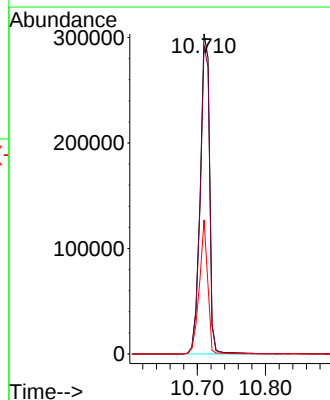
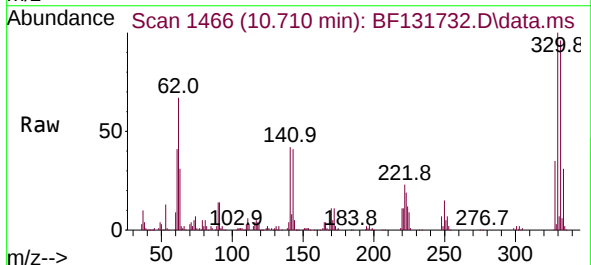
Instrument :
BNA_F
ClientSampleId :
MW-4

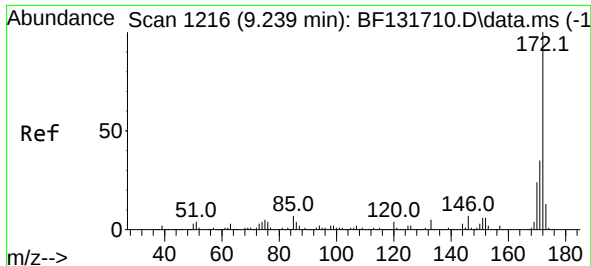
Tgt Ion:164 Resp: 175978
Ion Ratio Lower Upper
164 100
162 103.6 83.7 125.5
160 44.8 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 150.550 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

Tgt Ion:330 Resp: 289981
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 37.1 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 101.673 ng

RT: 9.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF131732.D

Acq: 21 Dec 2022 01:22

Instrument :

BNA_F

ClientSampleId :

MW-4

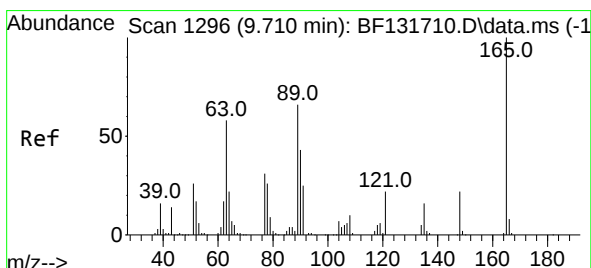
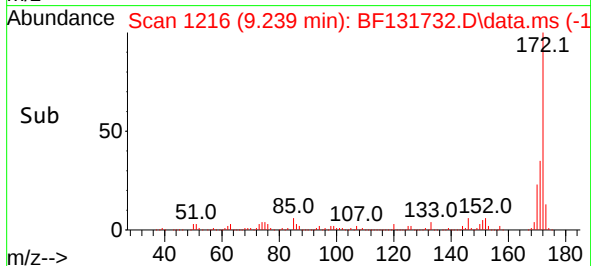
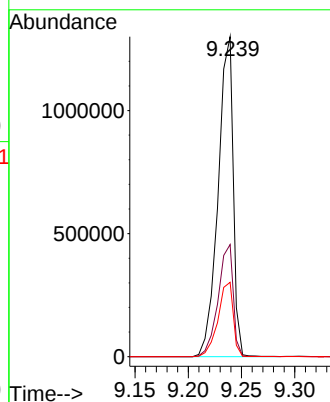
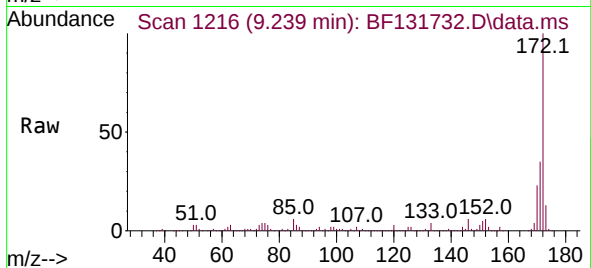
Tgt Ion:172 Resp: 1277265

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.3 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 8.019 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131732.D

Acq: 21 Dec 2022 01:22

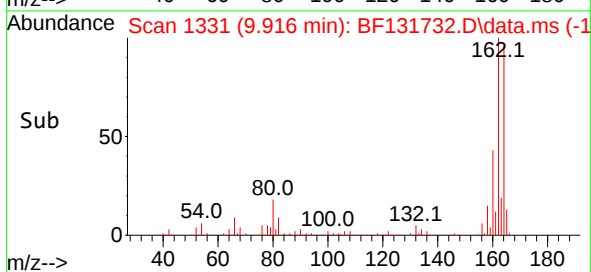
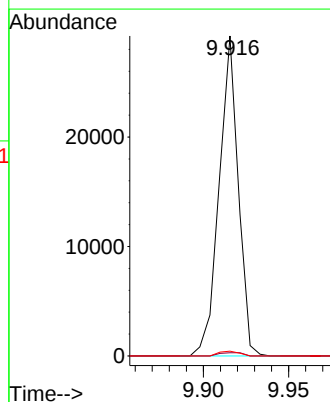
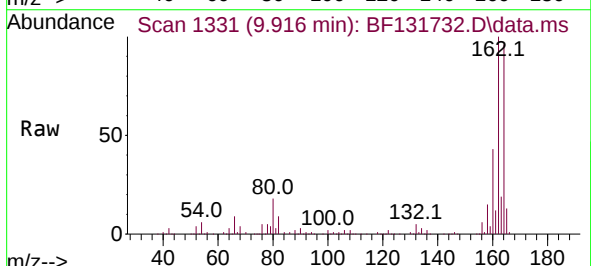
Tgt Ion:165 Resp: 22831

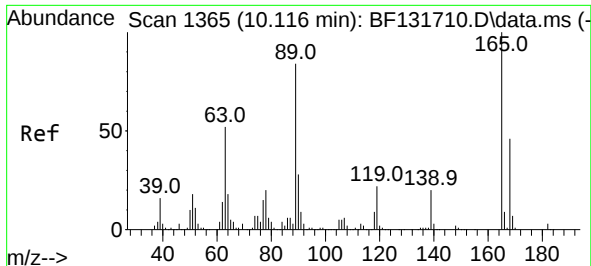
Ion Ratio Lower Upper

165 100

63 1.0 51.8 77.8#

89 1.5 53.2 79.8#

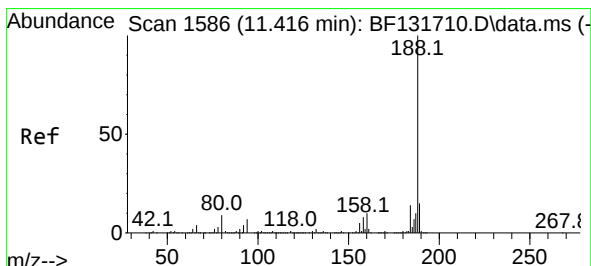
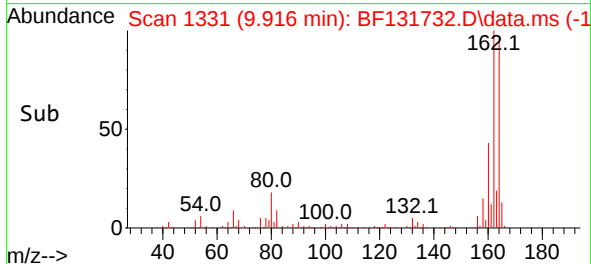
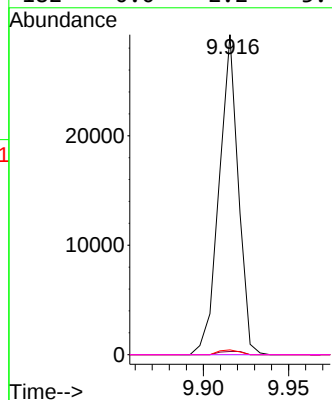
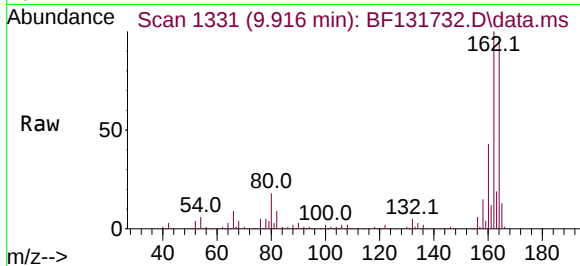




#57
2,4-Dinitrotoluene
Concen: 5.967 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

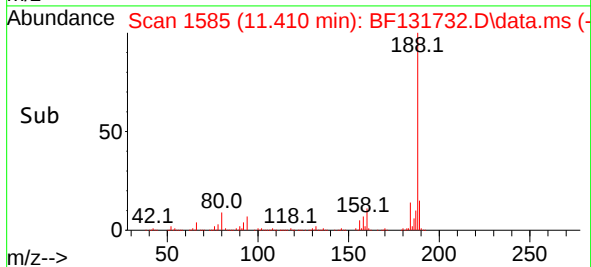
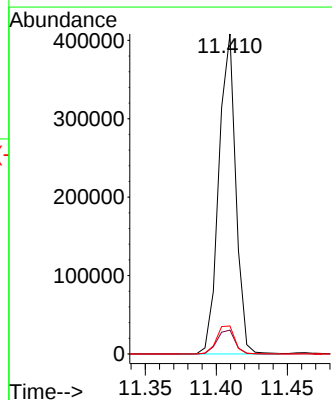
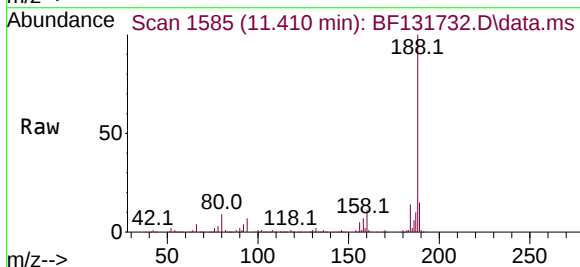
Instrument :
BNA_F
ClientSampleId :
MW-4

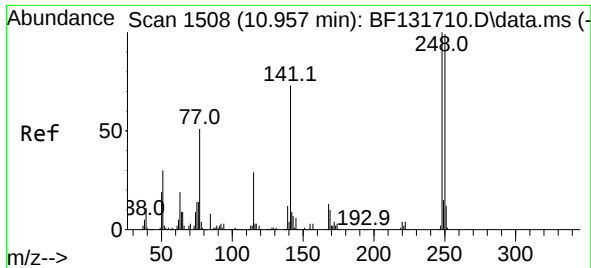
Tgt Ion:165 Resp: 22831
Ion Ratio Lower Upper
165 100
63 1.0 41.5 62.3#
89 1.5 67.0 100.4#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

Tgt Ion:188 Resp: 338641
Ion Ratio Lower Upper
188 100
94 7.4 5.9 8.9
80 8.8 7.0 10.6

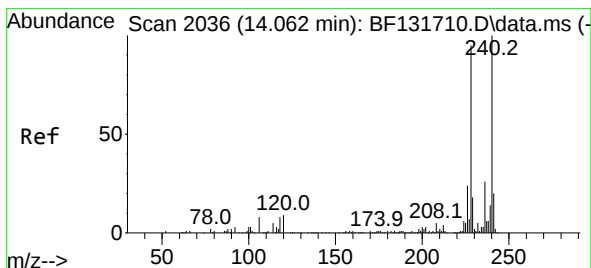
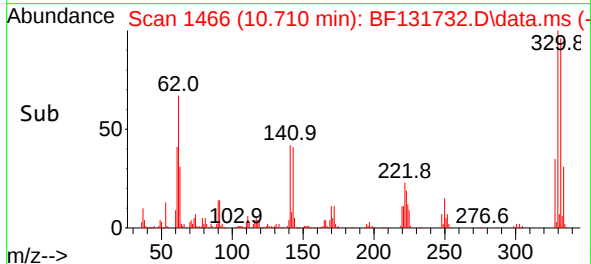
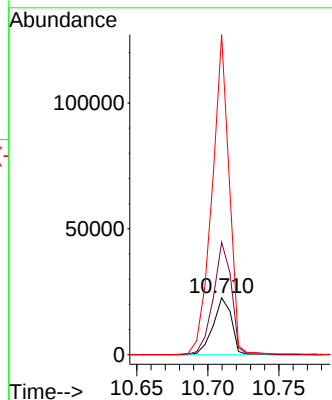
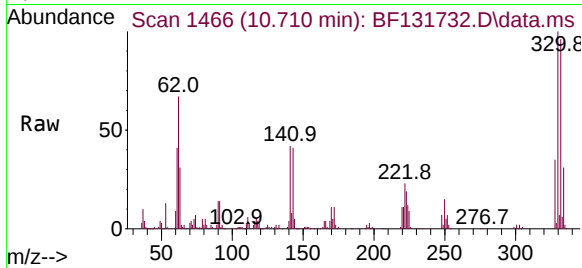




#67
4-Bromophenyl-phenylether
Concen: 5.113 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

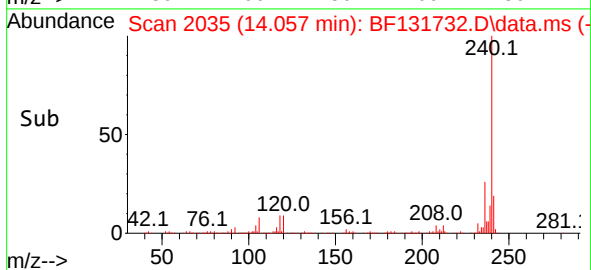
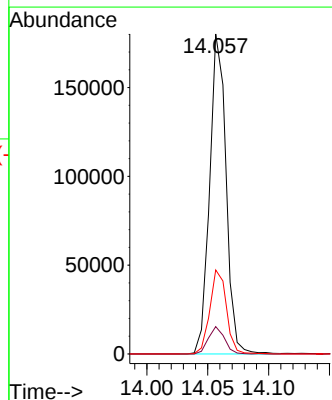
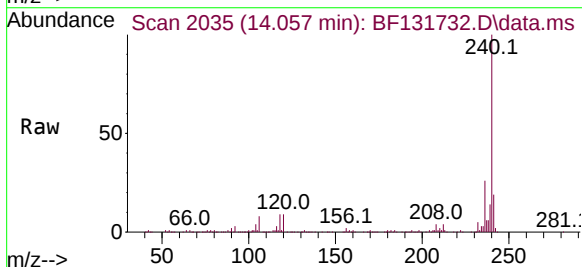
Instrument :
BNA_F
ClientSampleId :
MW-4

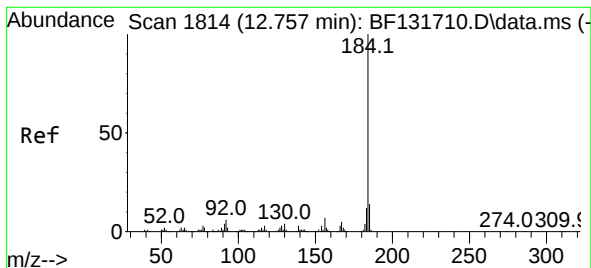
Tgt Ion:248 Resp: 20449
Ion Ratio Lower Upper
248 100
250 198.2 79.4 119.0#
141 563.7 58.1 87.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

Tgt Ion:240 Resp: 168655
Ion Ratio Lower Upper
240 100
120 8.5 7.6 11.4
236 26.3 21.2 31.8





#77

Benzidine

Concen: 5.008 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.247 min

Lab File: BF131732.D

Acq: 21 Dec 2022 01:22

Instrument :

BNA_F

ClientSampleId :

MW-4

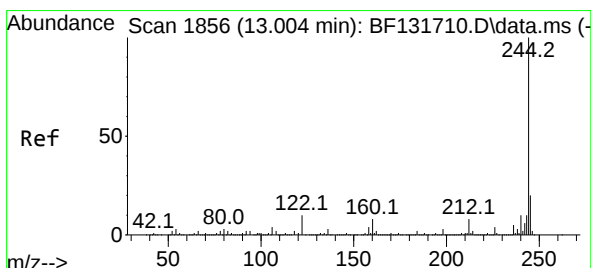
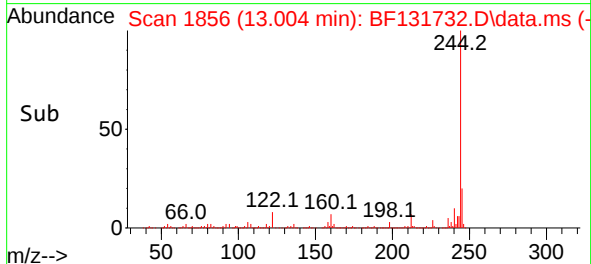
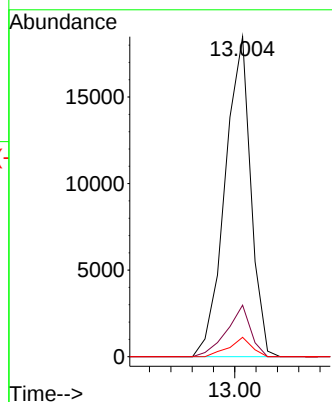
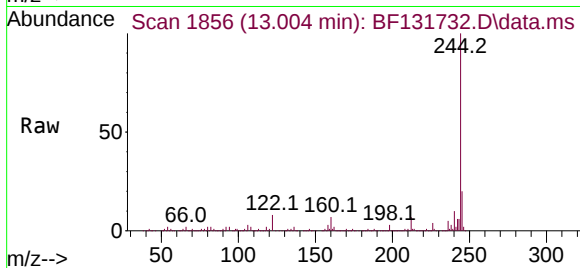
Tgt Ion:184 Resp: 15488

Ion Ratio Lower Upper

184 100

185 16.1 11.3 16.9

183 6.0 9.3 13.9#



#79

Terphenyl-d14

Concen: 93.946 ng

RT: 13.004 min Scan# 1856

Delta R.T. -0.000 min

Lab File: BF131732.D

Acq: 21 Dec 2022 01:22

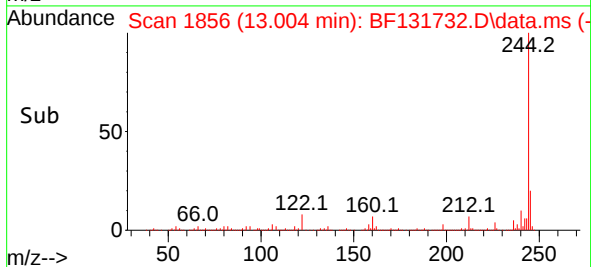
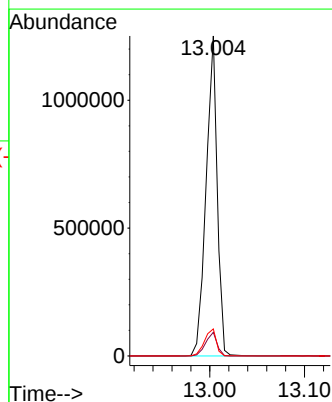
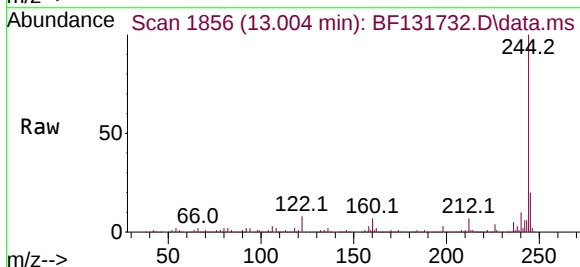
Tgt Ion:244 Resp: 1016635

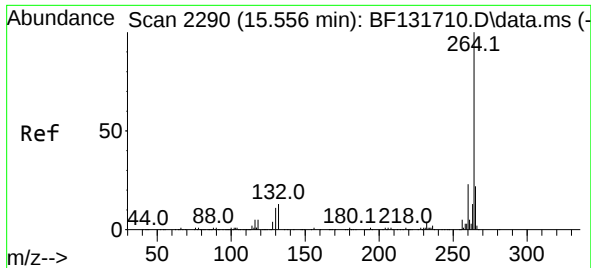
Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 8.5 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131732.D
Acq: 21 Dec 2022 01:22

Instrument :
BNA_F
ClientSampleId :
MW-4

Tgt Ion:264 Resp: 173849

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	23.2	17.4	26.2

