

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131744.D
 Acq On : 21 Dec 2022 13:58
 Operator : CG\JU
 Sample : N6103-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TT-210-IDWSO-20221215

Quant Time: Dec 22 05:20:01 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)

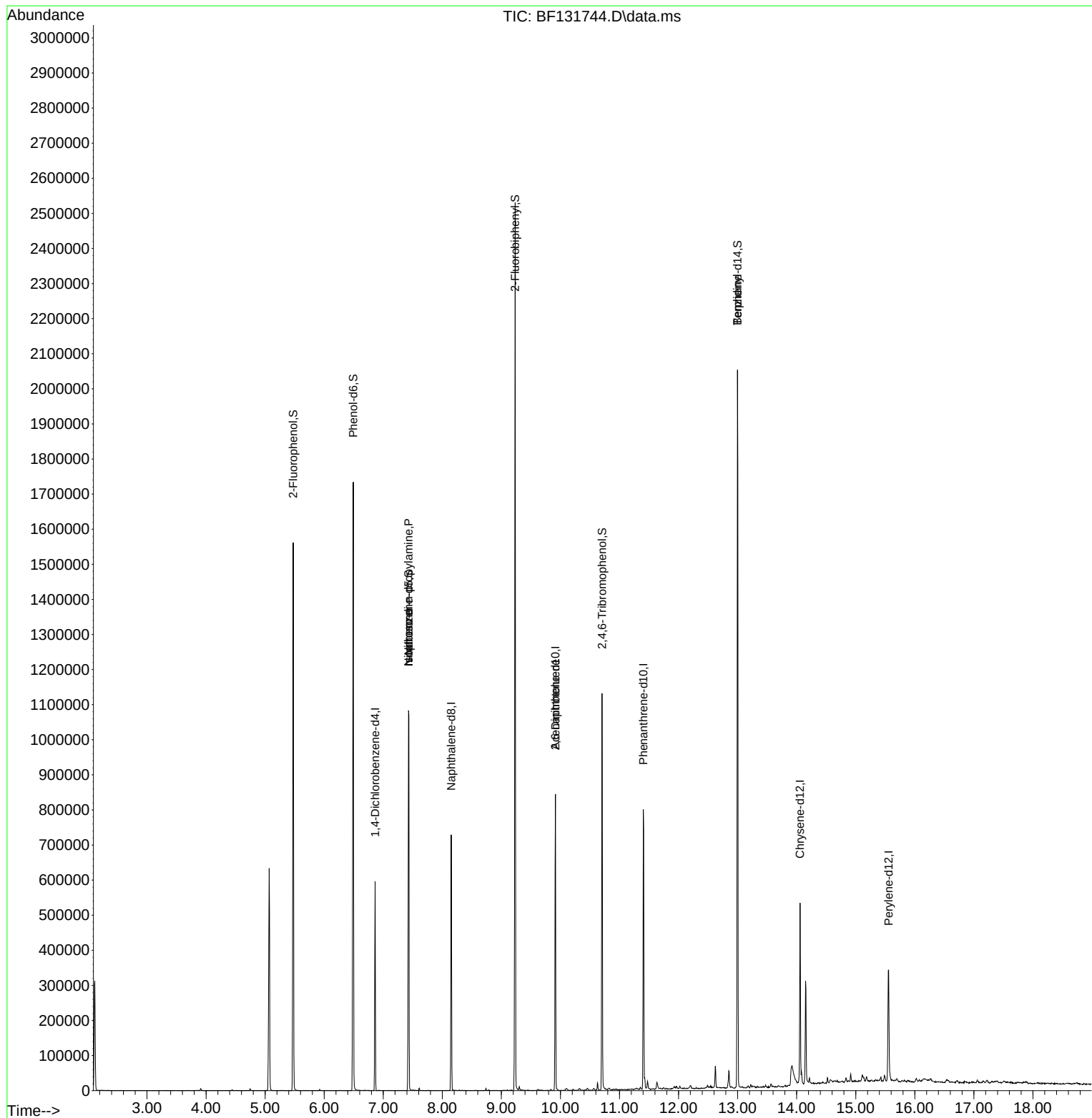
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	75466	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	269873	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	157896	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	295603	20.000	ng	#-0.01
76) Chrysene-d12	14.057	240	154043	20.000	ng	0.00
86) Perylene-d12	15.556	264	158722	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	361899	80.751	ng	0.00
7) Phenol-d6	6.492	99	513817	85.179	ng	-0.01
23) Nitrobenzene-d5	7.428	82	387848	58.343	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	113563	65.710	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	682160	60.520	ng	0.00
79) Terphenyl-d14	12.998	244	726398	73.493	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	964	Below Cal	#	5
19) n-Nitroso-di-n-propyla...	7.428	70	53489	12.295	ng	# 83
25) Isophorone	7.428	82	386244	34.212	ng	# 70
51) 2,6-Dinitrotoluene	9.916	165	19852	7.771	ng	# 19
77) Benzidine	12.998	184	11320	4.008	ng	# 92

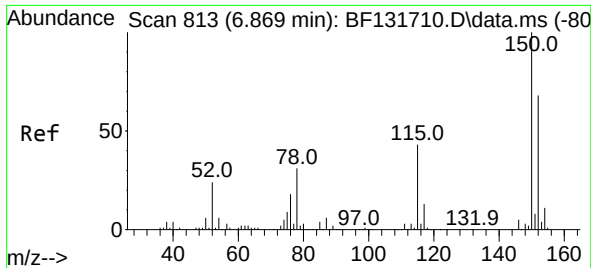
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
Data File : BF131744.D
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Operator : CG\JU
Sample : N6103-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 22 05:20:01 2022
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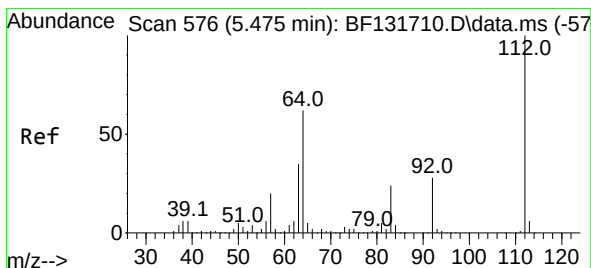
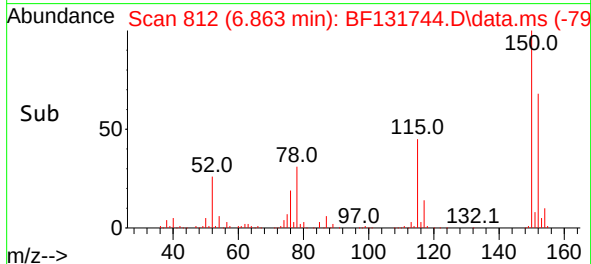
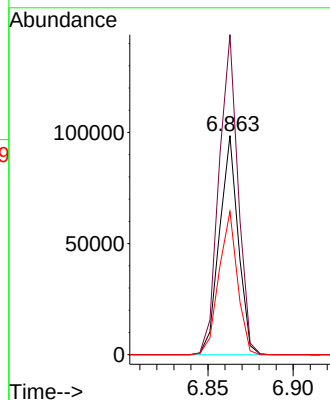
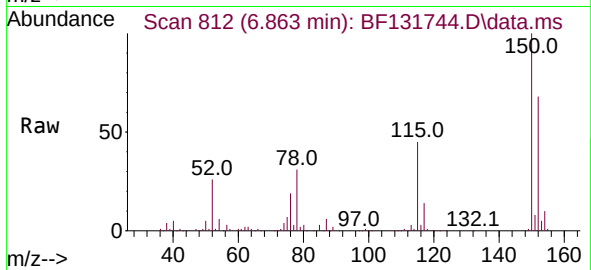




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131744.D
Acq: 21 Dec 2022 13:58

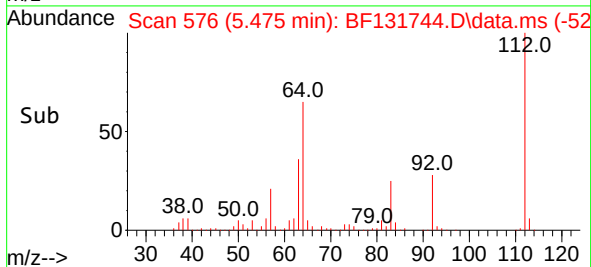
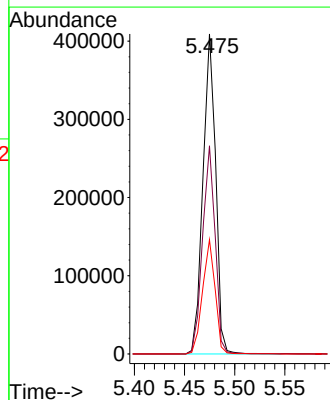
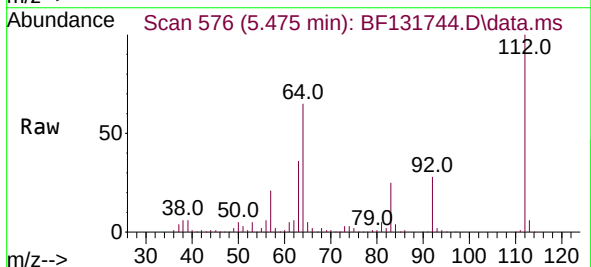
Instrument :
BNA_F
ClientSampleId :
TT-210-IDWSO-20221215

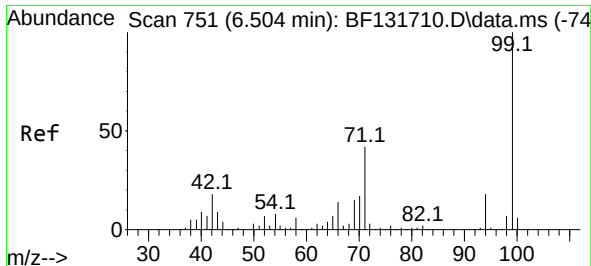
Tgt Ion:152 Resp: 75466
Ion Ratio Lower Upper
152 100
150 146.1 117.4 176.0
115 65.4 50.2 75.4



#5
2-Fluorophenol
Concen: 80.751 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF131744.D
Acq: 21 Dec 2022 13:58

Tgt Ion:112 Resp: 361899
Ion Ratio Lower Upper
112 100
64 65.1 49.5 74.3
63 35.7 28.2 42.2





#7

Phenol-d6

Concen: 85.179 ng

RT: 6.492 min Scan# 749

Delta R.T. -0.012 min

Lab File: BF131744.D

Acq: 21 Dec 2022 13:58

Instrument :

BNA_F

ClientSampleId :

TT-210-IDWSO-20221215

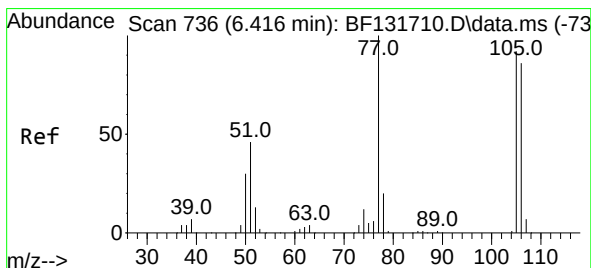
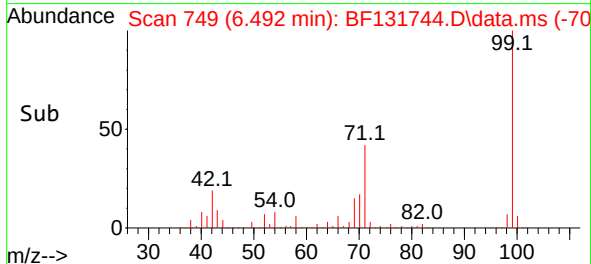
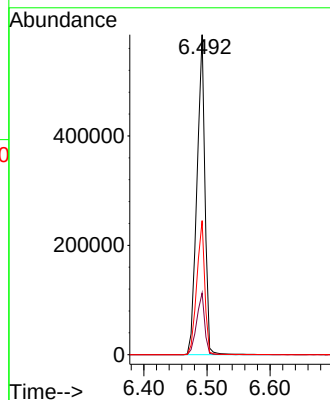
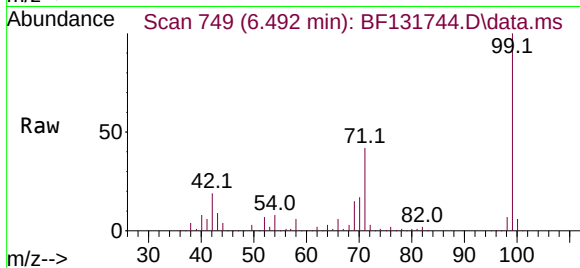
Tgt Ion: 99 Resp: 513817

Ion Ratio Lower Upper

99 100

42 19.3 14.8 22.2

71 41.9 33.8 50.6



#9

Benzaldehyde

Concen: Below Cal

RT: 6.492 min Scan# 749

Delta R.T. 0.076 min

Lab File: BF131744.D

Acq: 21 Dec 2022 13:58

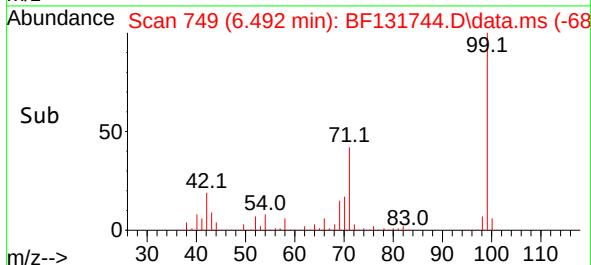
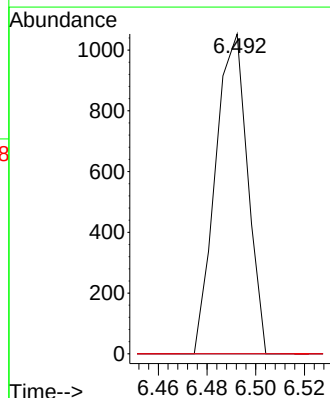
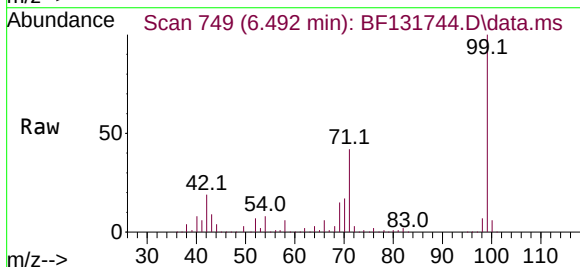
Tgt Ion: 77 Resp: 964

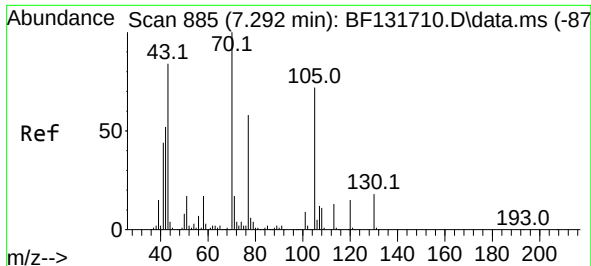
Ion Ratio Lower Upper

77 100

105 0.0 72.4 112.4#

106 0.0 66.5 106.5#

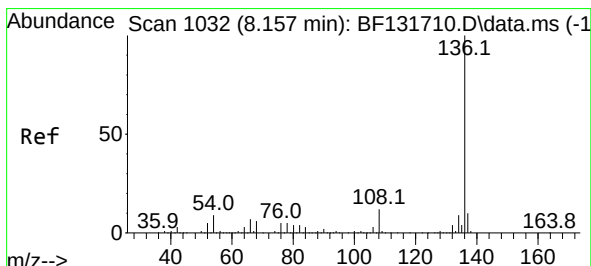
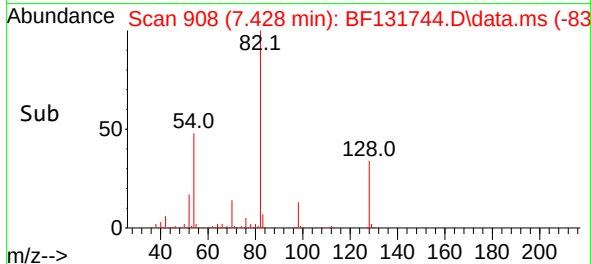
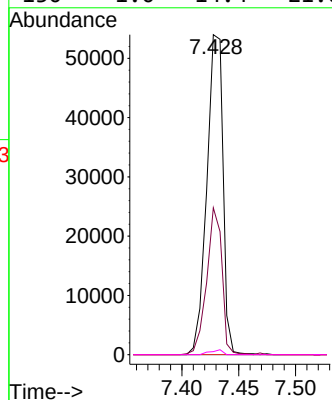
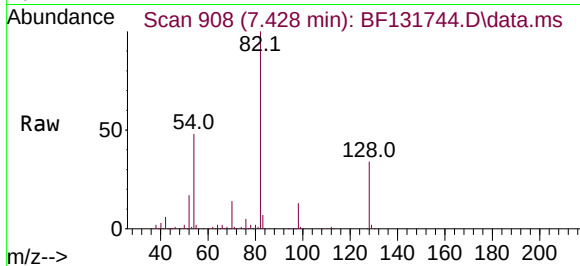




#19
n-Nitroso-di-n-propylamine
Concen: 12.295 ng
RT: 7.428 min Scan# 90
Delta R.T. 0.135 min
Lab File: BF131744.D
Acq: 21 Dec 2022 13:58

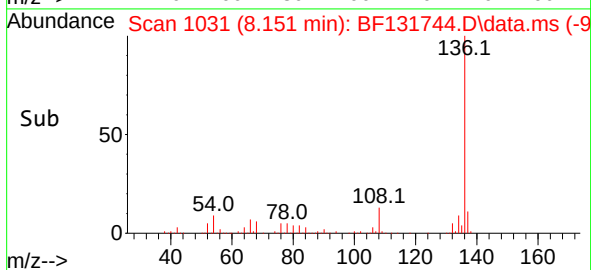
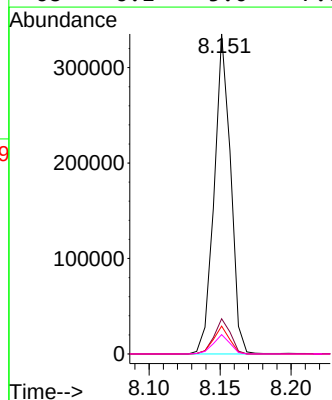
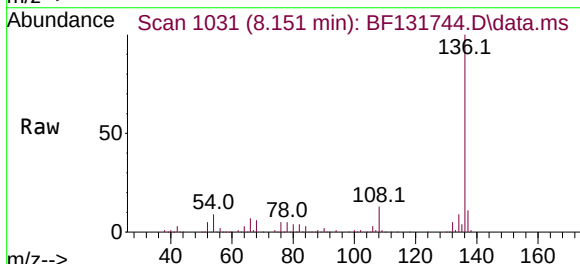
Instrument :
BNA_F
ClientSampleId :
TT-210-IDWSO-20221215

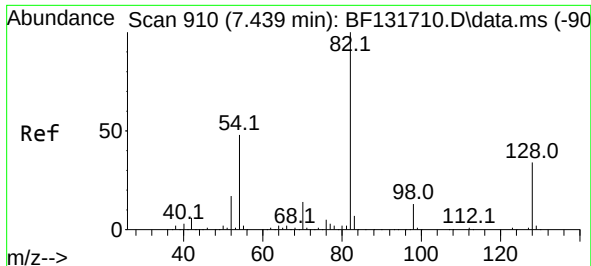
Tgt Ion:	70	Resp:	53489
Ion	Ratio	Lower	Upper
70	100		
42	45.9	41.5	62.3
101	0.0	7.3	10.9#
130	1.0	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131744.D
Acq: 21 Dec 2022 13:58

Tgt Ion:	136	Resp:	269873
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.7	7.2	10.8
68	6.1	5.0	7.6

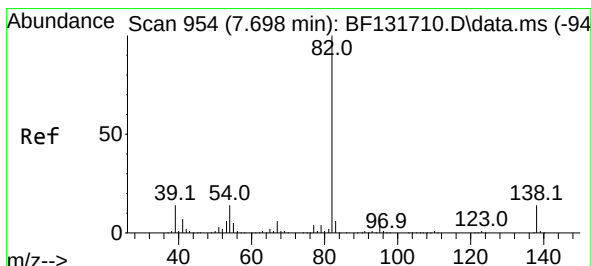
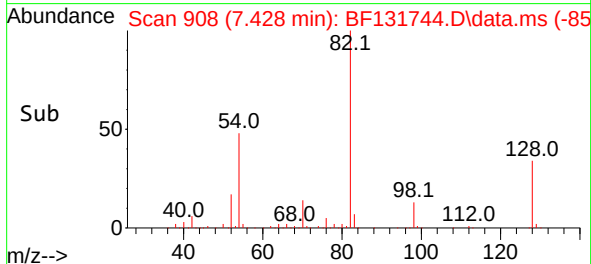
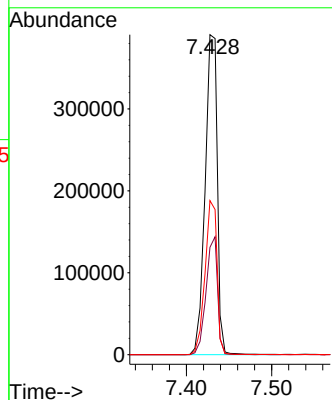
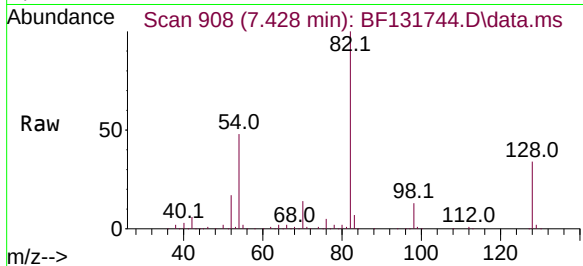




#23
Nitrobenzene-d5
Concen: 58.343 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF131744.D
Acq: 21 Dec 2022 13:58

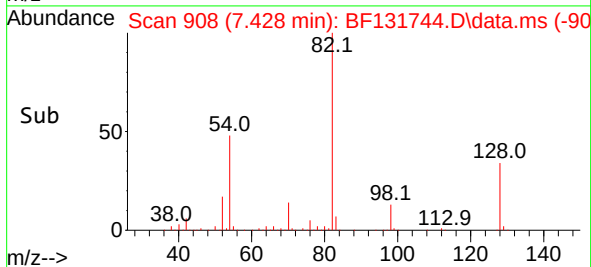
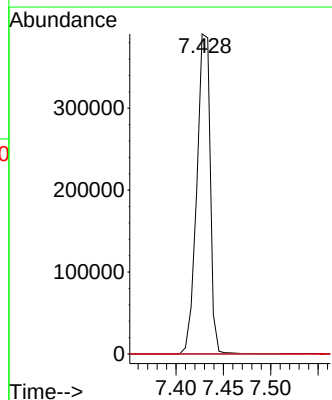
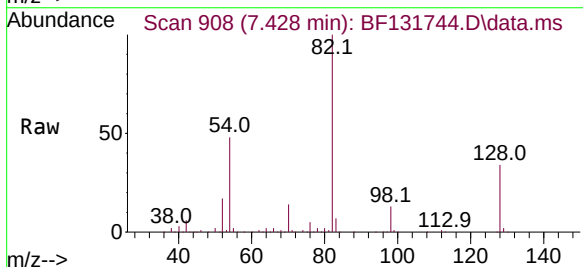
Instrument :
BNA_F
ClientSampleId :
TT-210-IDWSO-20221215

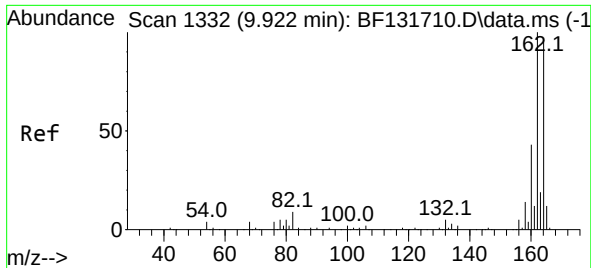
Tgt Ion: 82 Resp: 387848
Ion Ratio Lower Upper
82 100
128 33.5 27.3 40.9
54 48.2 38.2 57.2



#25
Isophorone
Concen: 34.212 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.271 min
Lab File: BF131744.D
Acq: 21 Dec 2022 13:58

Tgt Ion: 82 Resp: 386244
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.6 17.4#

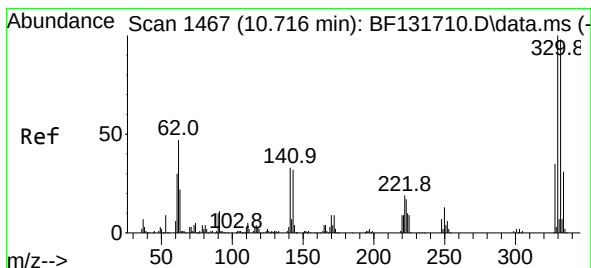
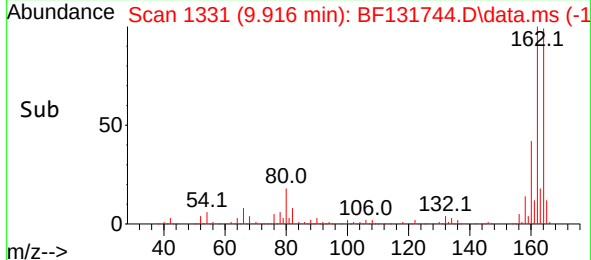
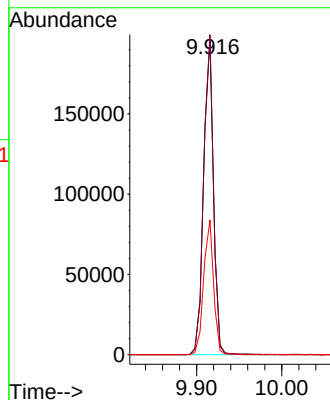
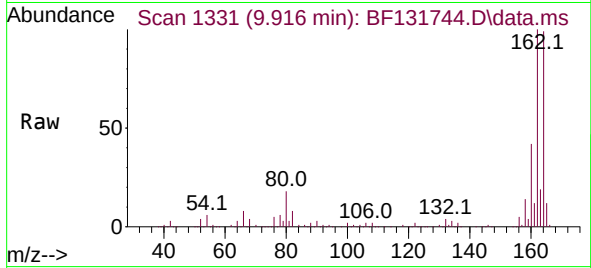




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131744.D
Acq: 21 Dec 2022 13:58

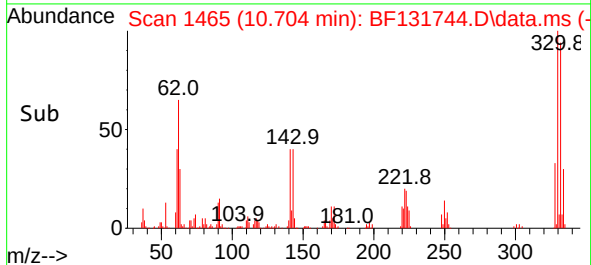
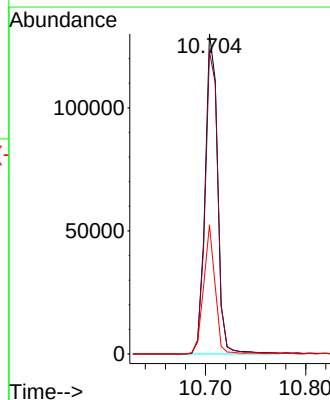
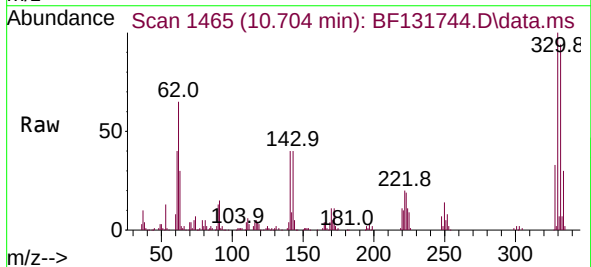
Instrument :
BNA_F
ClientSampleId :
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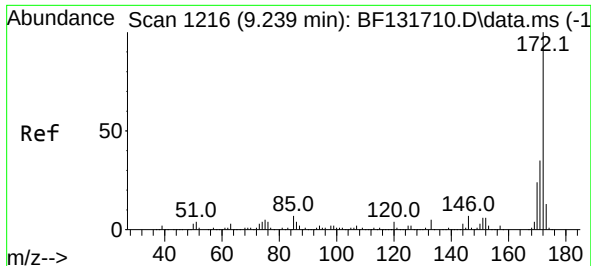
Tgt Ion:164 Resp: 157896
Ion Ratio Lower Upper
164 100
162 101.4 83.7 125.5
160 42.7 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 65.710 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF131744.D
Acq: 21 Dec 2022 13:58

Tgt Ion:330 Resp: 113563
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.3 30.4 45.6





#45

2-Fluorobiphenyl

Concen: 60.520 ng

RT: 9.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131744.D

Acq: 21 Dec 2022 13:58

Instrument :

BNA_F

ClientSampleId :

TT-210-IDWSO-20221215

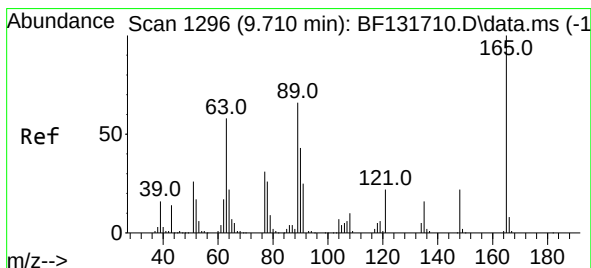
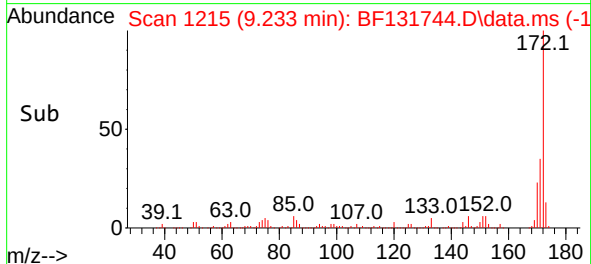
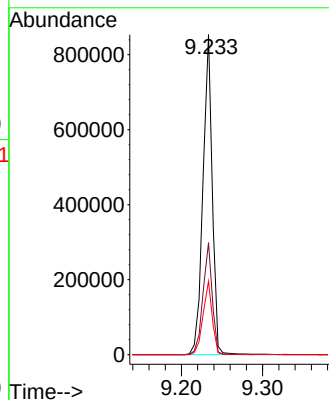
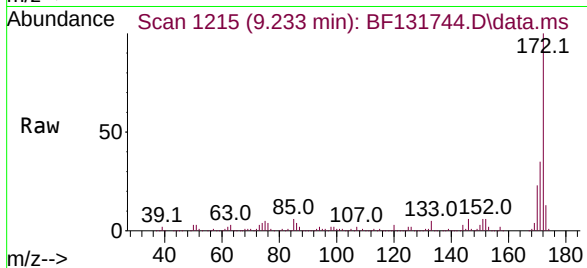
Tgt Ion:172 Resp: 682160

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 22.9 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.771 ng

RT: 9.916 min Scan# 1331

Delta R.T. 0.206 min

Lab File: BF131744.D

Acq: 21 Dec 2022 13:58

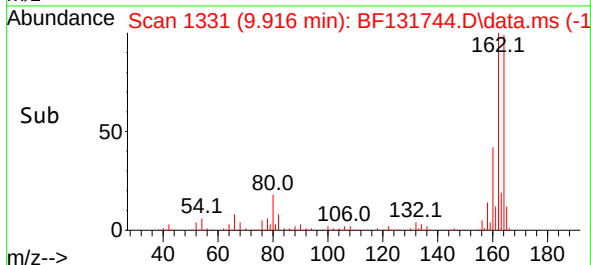
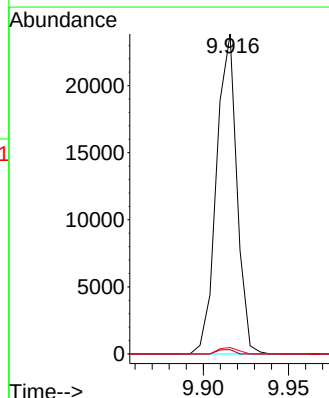
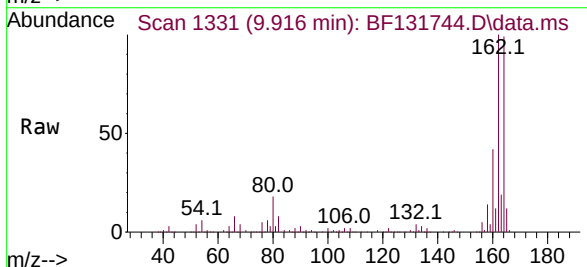
Tgt Ion:165 Resp: 19852

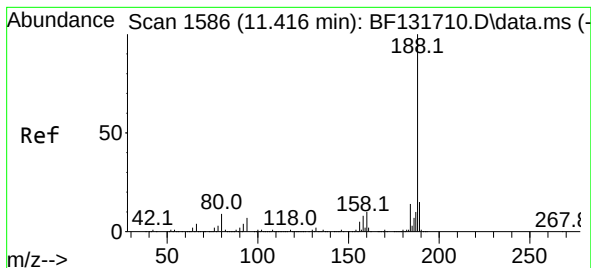
Ion Ratio Lower Upper

165 100

63 1.3 51.8 77.8#

89 2.0 53.2 79.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF131744.D

Acq: 21 Dec 2022 13:58

Instrument :

BNA_F

ClientSampleId :

TT-210-IDWSO-20221215

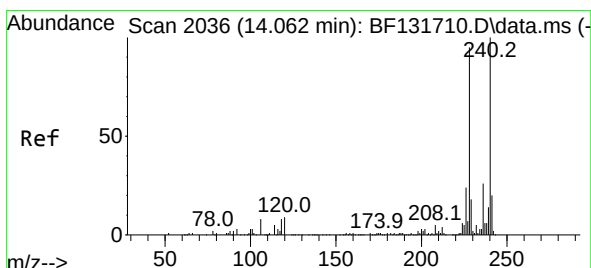
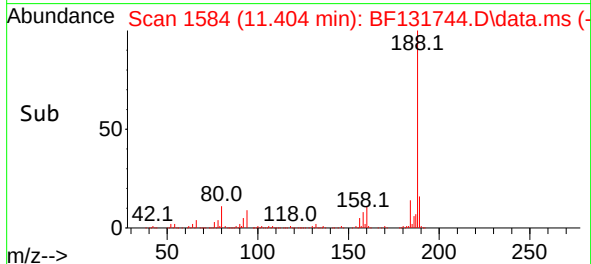
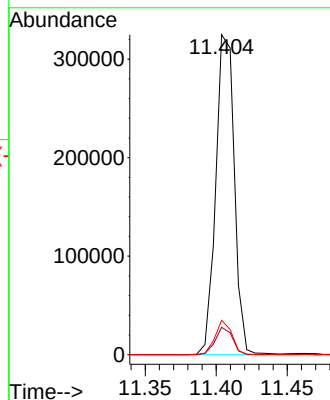
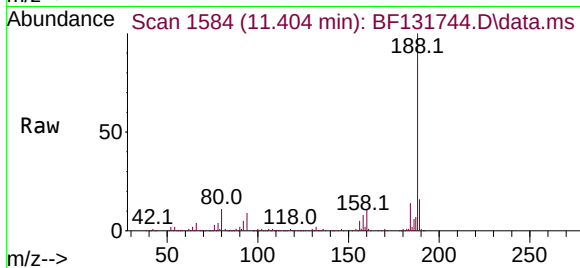
Tgt Ion:188 Resp: 295603

Ion Ratio Lower Upper

188 100

94 8.6 5.9 8.9

80 10.7 7.0 10.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF131744.D

Acq: 21 Dec 2022 13:58

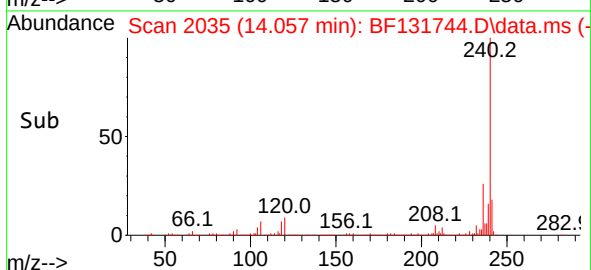
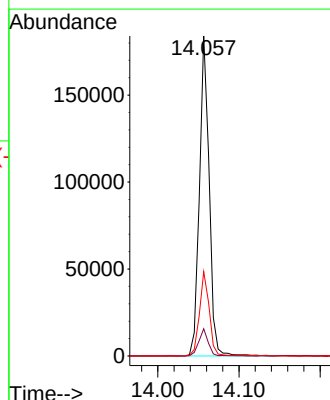
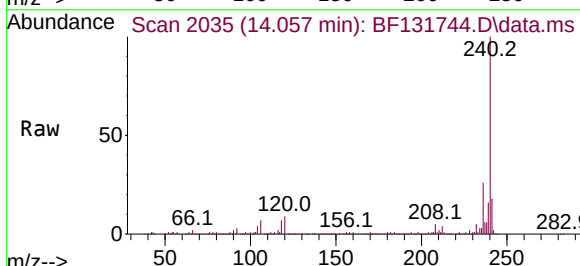
Tgt Ion:240 Resp: 154043

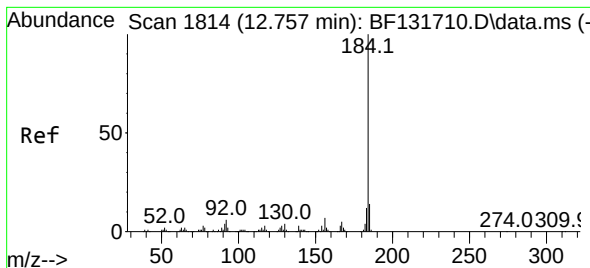
Ion Ratio Lower Upper

240 100

120 8.5 7.6 11.4

236 26.4 21.2 31.8





#77

Benzidine

Concen: 4.008 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.241 min

Lab File: BF131744.D

Acq: 21 Dec 2022 13:58

Instrument :

BNA_F

ClientSampleId :

TT-210-IDWSO-20221215

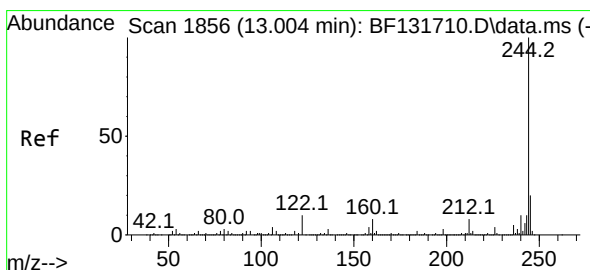
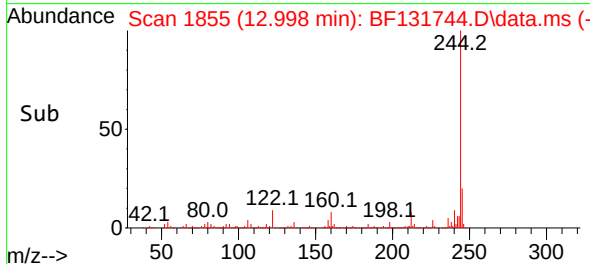
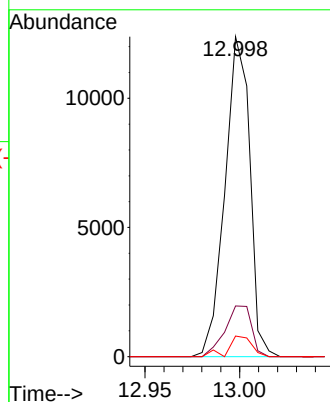
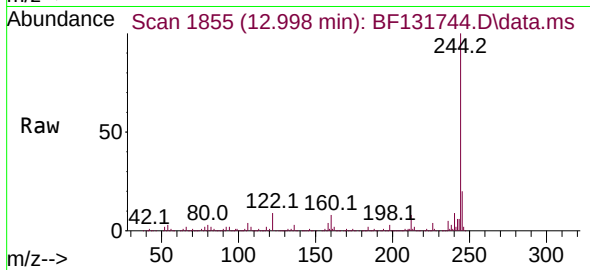
Tgt Ion:184 Resp: 11320

Ion Ratio Lower Upper

184 100

185 15.8 11.3 16.9

183 6.5 9.3 13.9#



#79

Terphenyl-d14

Concen: 73.493 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.006 min

Lab File: BF131744.D

Acq: 21 Dec 2022 13:58

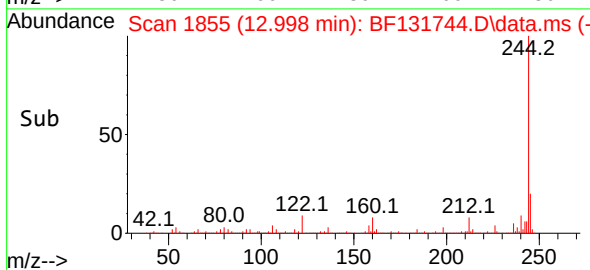
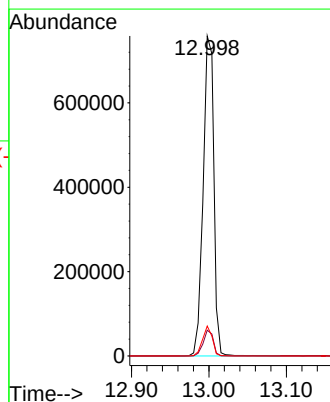
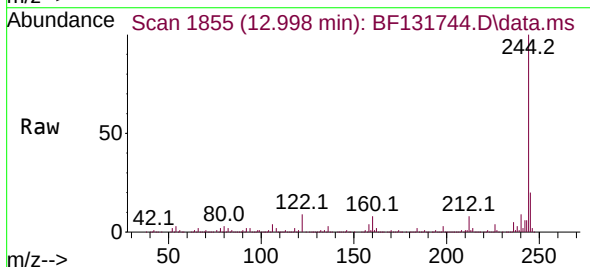
Tgt Ion:244 Resp: 726398

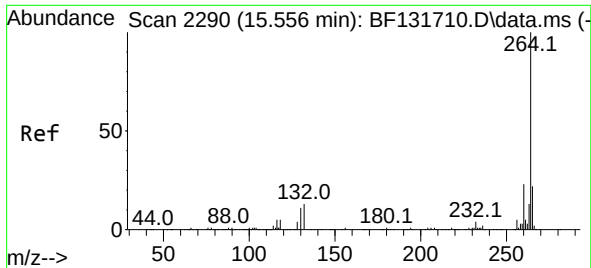
Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 9.4 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: BF131744.D
 Acq: 21 Dec 2022 13:58

Instrument :
 BNA_F
 ClientSampleId :
 TT-210-IDWSO-20221215

Tgt Ion:264 Resp: 158722
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 28.0
 265 20.6 17.4 26.2

