

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137090.D
 Acq On : 16 Jan 2024 20:36
 Operator : CG\JU
 Sample : P1146-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5TH-FLOOR-SAMPLE-03

Quant Time: Jan 17 02:03:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

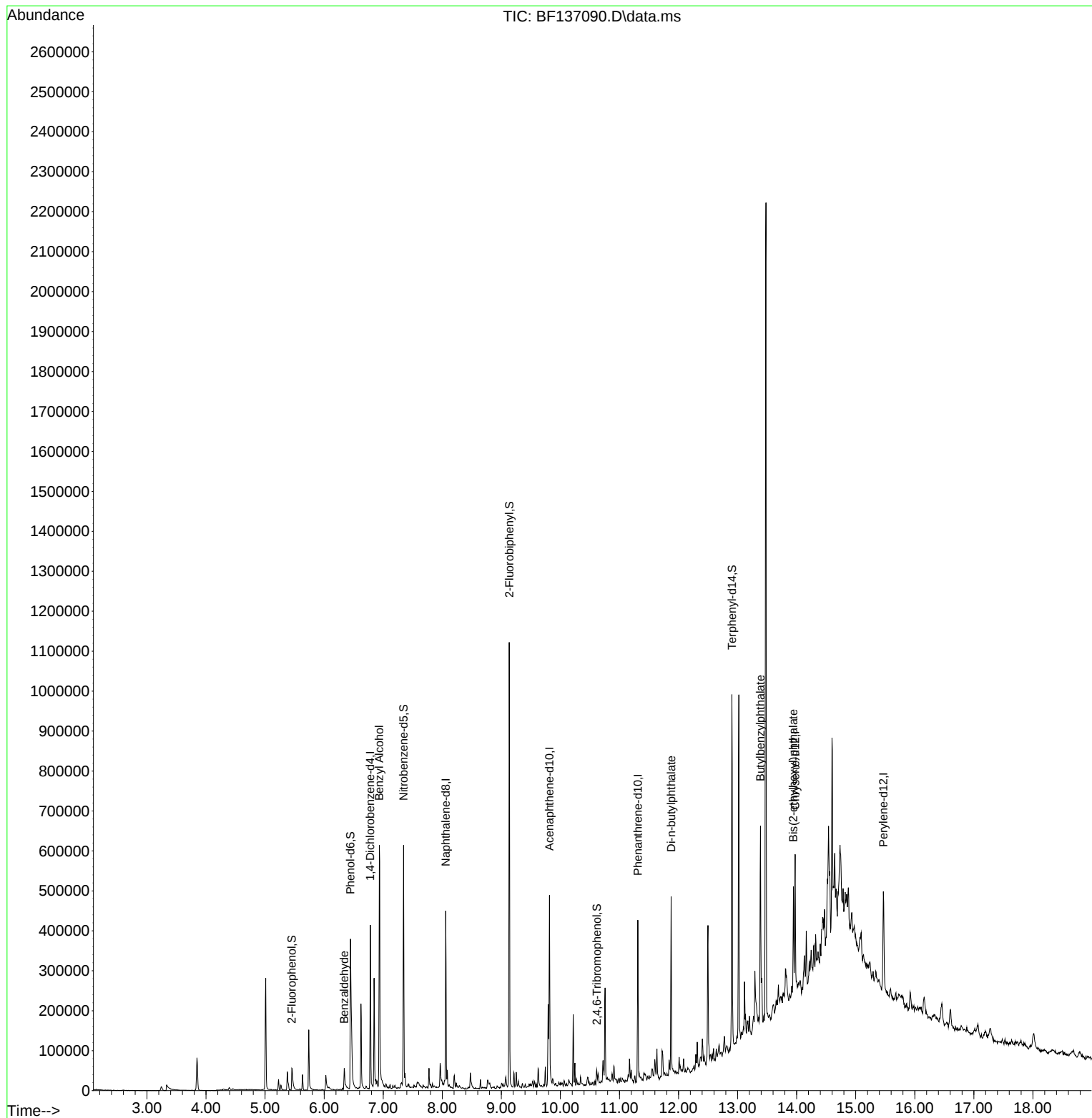
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	46188	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	179460	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	81946	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	135615	20.000	ng	0.00
76) Chrysene-d12	13.974	240	108582	20.000	ng	0.00
86) Perylene-d12	15.468	264	105462	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	27060	9.141	ng	0.02
7) Phenol-d6	6.446	99	196131	51.133	ng	0.00
23) Nitrobenzene-d5	7.345	82	161534	46.060	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	4866	5.042	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	327974	53.831	ng	-0.02
79) Terphenyl-d14	12.904	244	313999	40.412	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.340	77	8360	3.832	ng	94
15) Benzyl Alcohol	6.934	79	134367	51.924	ng	98
74) Di-n-butylphthalate	11.875	149	200187	24.692	ng	99
80) Butylbenzylphthalate	13.386	149	101652	26.209	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	73768	15.117	ng	95

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

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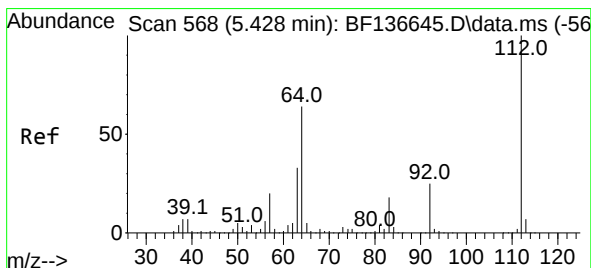
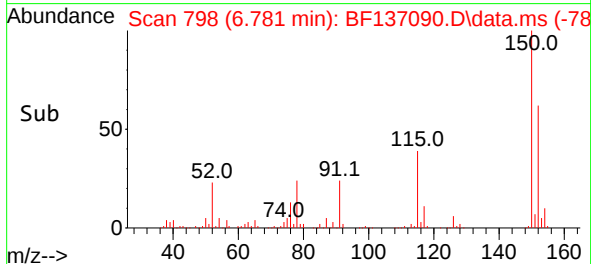
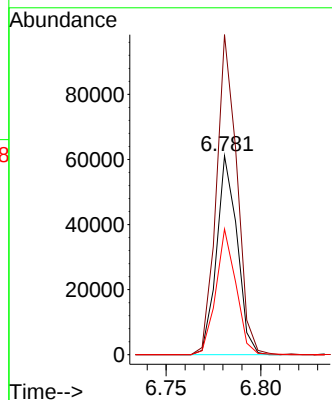
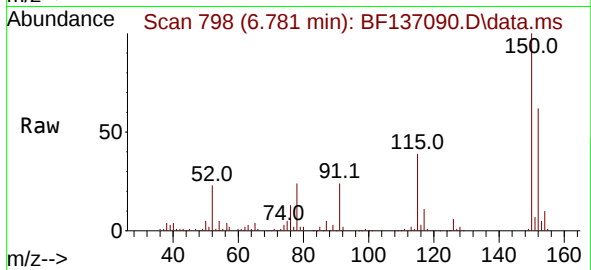




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137090.D
Acq: 16 Jan 2024 20:36

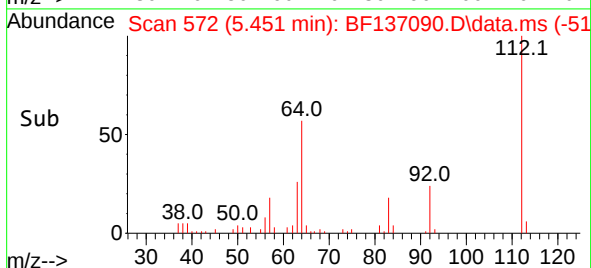
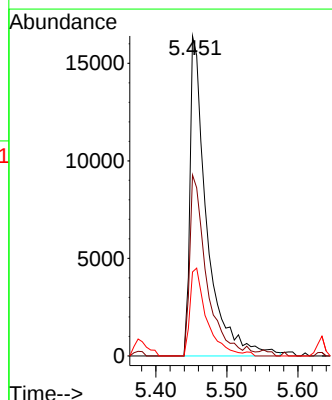
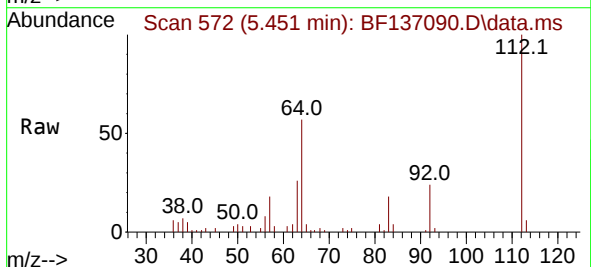
Instrument :
BNA_F
ClientSampleId :
5TH-FLOOR-SAMPLE-03

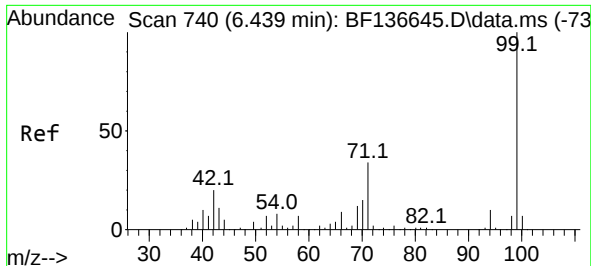
Tgt Ion:152 Resp: 46188
Ion Ratio Lower Upper
152 100
150 160.9 127.0 190.6
115 63.2 49.0 73.4



#5
2-Fluorophenol
Concen: 9.141 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.024 min
Lab File: BF137090.D
Acq: 16 Jan 2024 20:36

Tgt Ion:112 Resp: 27060
Ion Ratio Lower Upper
112 100
64 56.5 51.1 76.7
63 26.2 26.1 39.1





#7

Phenol-d6

Concen: 51.133 ng

RT: 6.446 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF137090.D

Acq: 16 Jan 2024 20:36

Instrument :

BNA_F

ClientSampleId :

5TH-FLOOR-SAMPLE-03

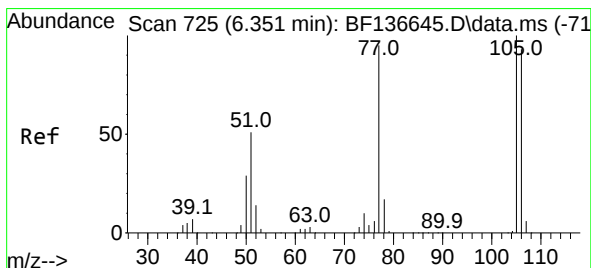
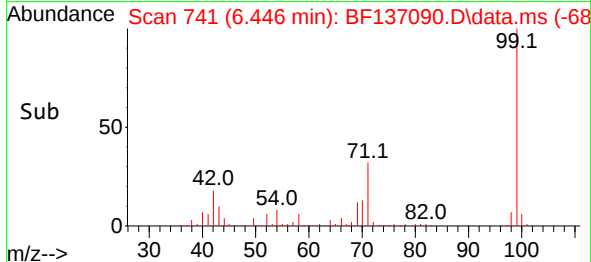
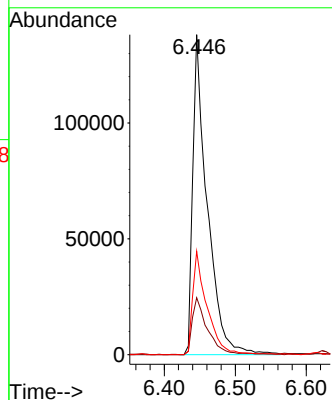
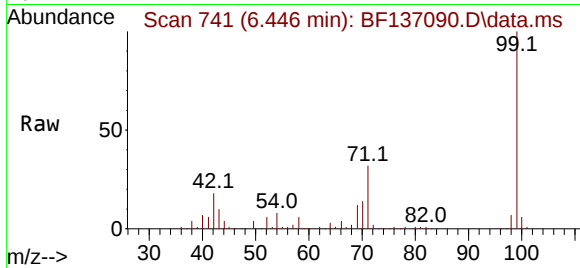
Tgt Ion: 99 Resp: 196131

Ion Ratio Lower Upper

99 100

42 17.8 16.1 24.1

71 32.3 27.4 41.2



#9

Benzaldehyde

Concen: 3.832 ng

RT: 6.340 min Scan# 723

Delta R.T. -0.012 min

Lab File: BF137090.D

Acq: 16 Jan 2024 20:36

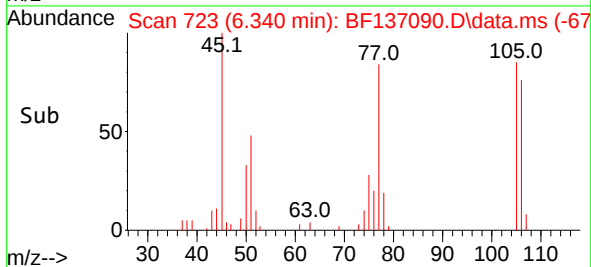
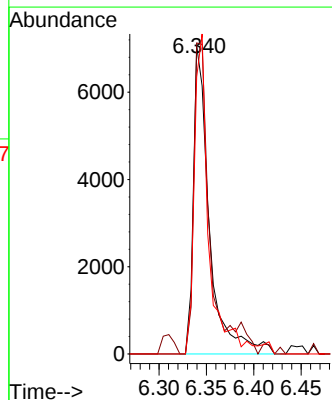
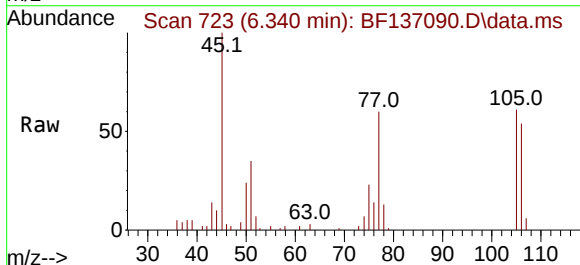
Tgt Ion: 77 Resp: 8360

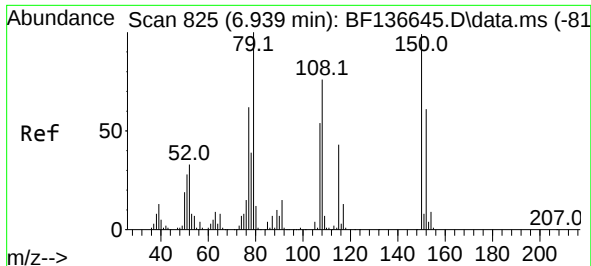
Ion Ratio Lower Upper

77 100

105 101.0 84.8 124.8

106 90.0 77.8 117.8

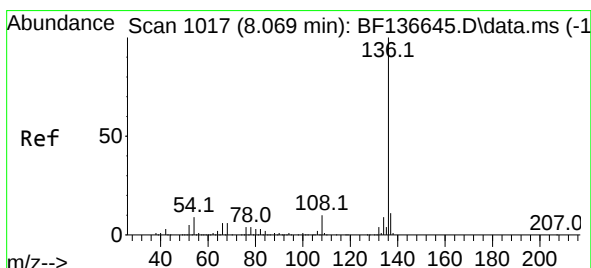
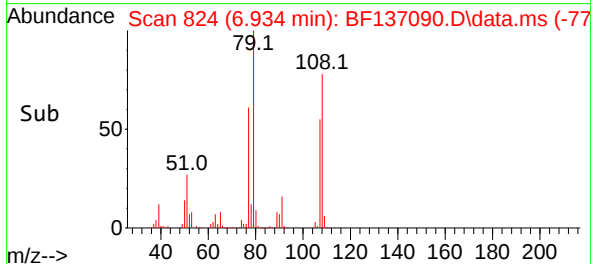
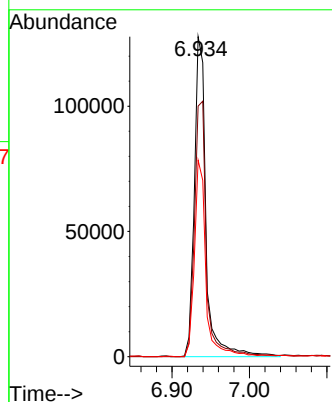
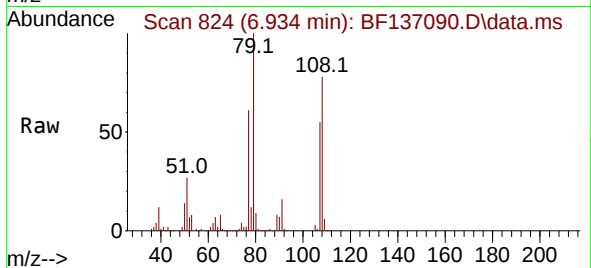




#15
Benzyl Alcohol
Concen: 51.924 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF137090.D
Acq: 16 Jan 2024 20:36

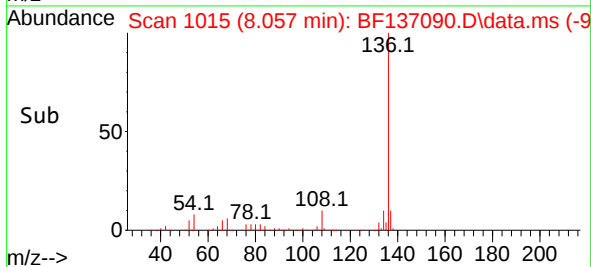
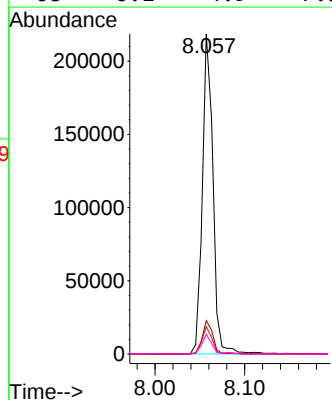
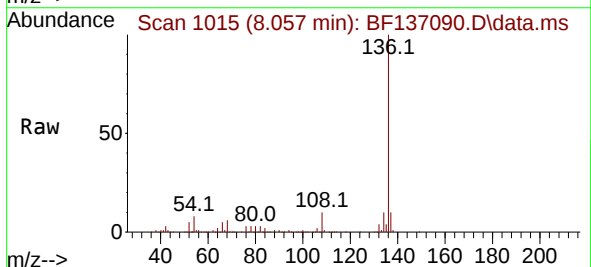
Instrument :
BNA_F
ClientSampleId :
5TH-FLOOR-SAMPLE-03

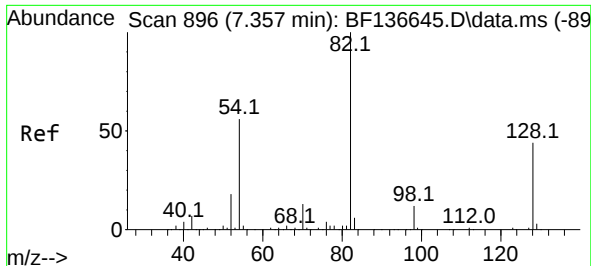
Tgt Ion: 79 Resp: 134367
Ion Ratio Lower Upper
79 100
108 78.3 61.0 91.6
77 61.4 49.8 74.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137090.D
Acq: 16 Jan 2024 20:36

Tgt Ion:136 Resp: 179460
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 8.5 7.2 10.8
68 6.1 4.9 7.3

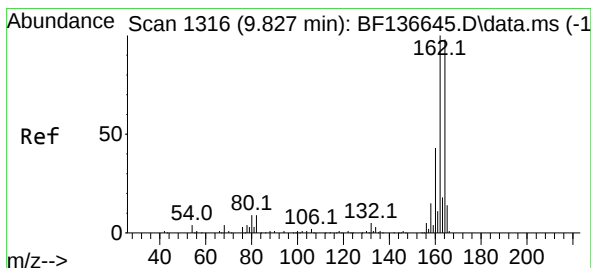
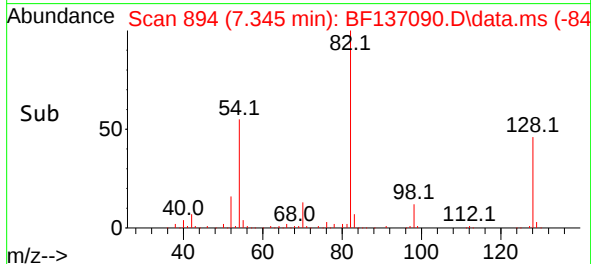
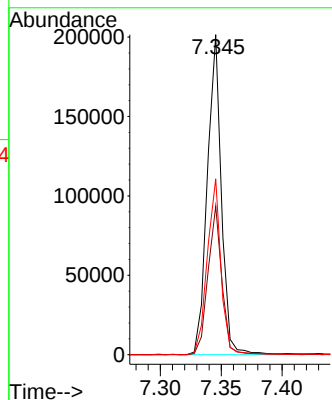
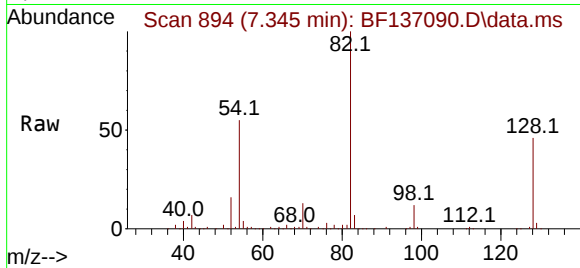




#23
Nitrobenzene-d5
Concen: 46.060 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF137090.D
Acq: 16 Jan 2024 20:36

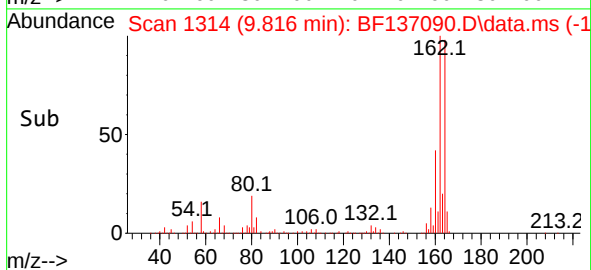
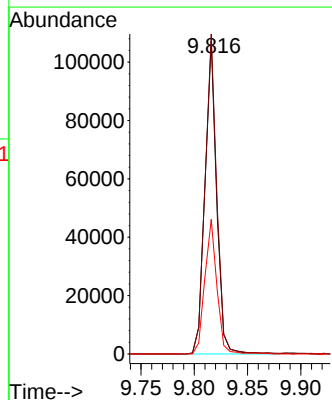
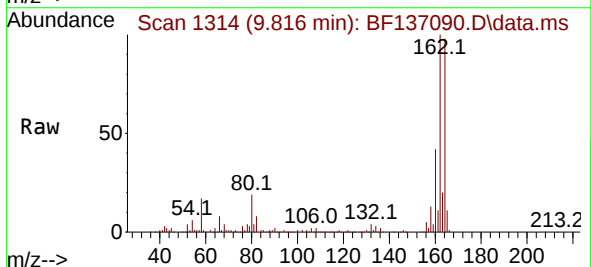
Instrument :
BNA_F
ClientSampleId :
5TH-FLOOR-SAMPLE-03

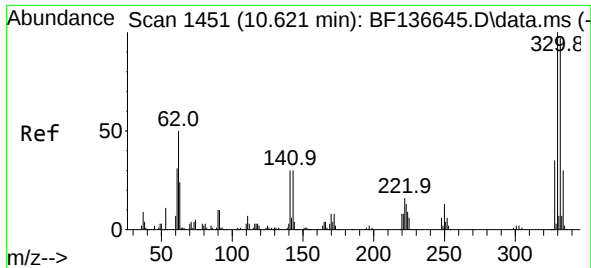
Tgt Ion: 82 Resp: 161534
Ion Ratio Lower Upper
82 100
128 46.4 35.3 52.9
54 54.9 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137090.D
Acq: 16 Jan 2024 20:36

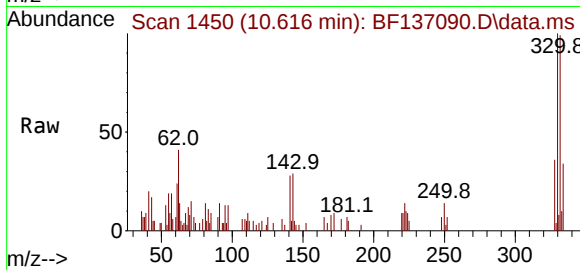
Tgt Ion:164 Resp: 81946
Ion Ratio Lower Upper
164 100
162 102.3 81.6 122.4
160 43.0 34.9 52.3



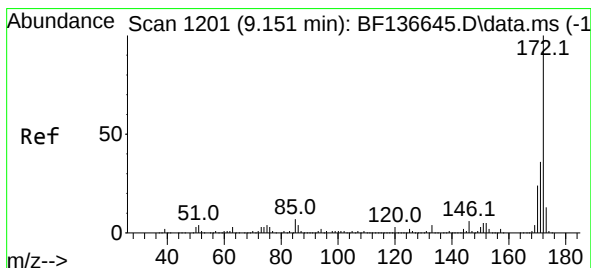
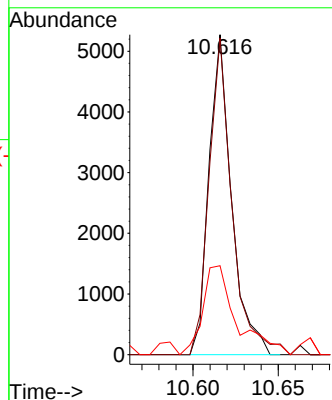
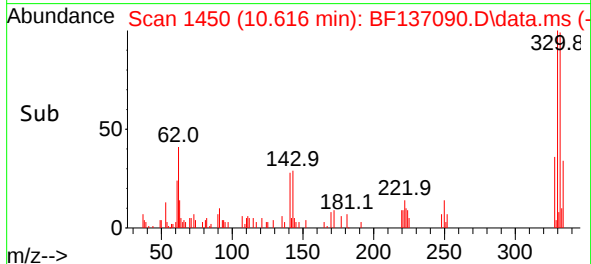


#42
2,4,6-Tribromophenol
Concen: 5.042 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137090.D
Acq: 16 Jan 2024 20:36

Instrument :
BNA_F
ClientSampleId :
5TH-FLOOR-SAMPLE-03

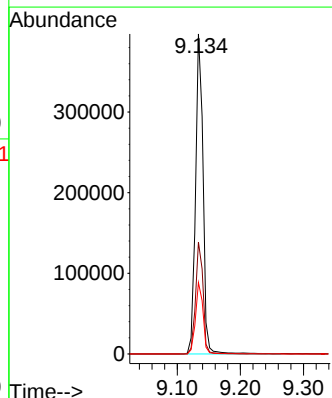
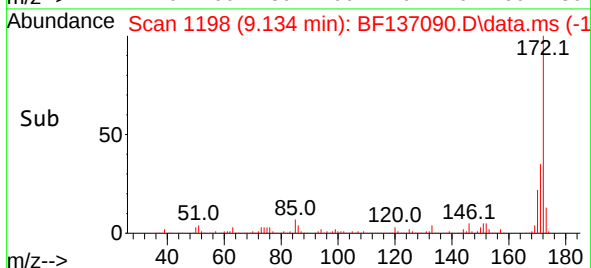
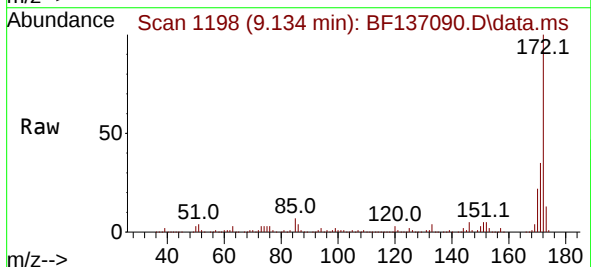


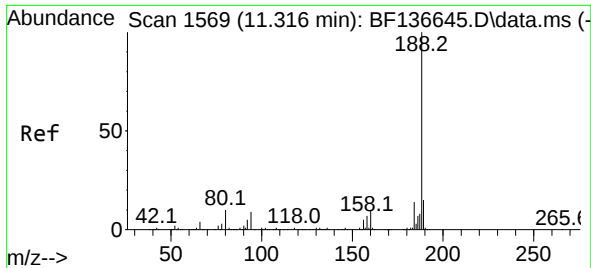
Tgt Ion:330 Resp: 4866
Ion Ratio Lower Upper
330 100
332 100.9 77.4 116.0
141 41.3 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 53.831 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF137090.D
Acq: 16 Jan 2024 20:36

Tgt Ion:172 Resp: 327974
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 22.3 19.0 28.4

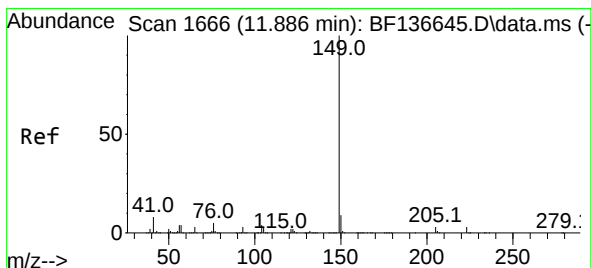
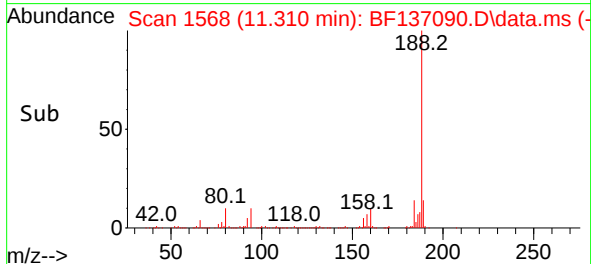
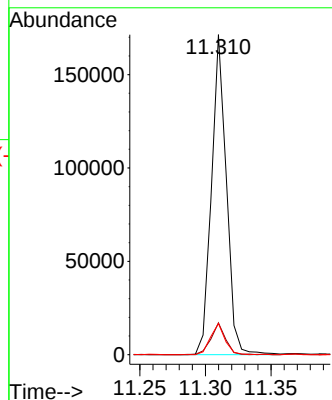
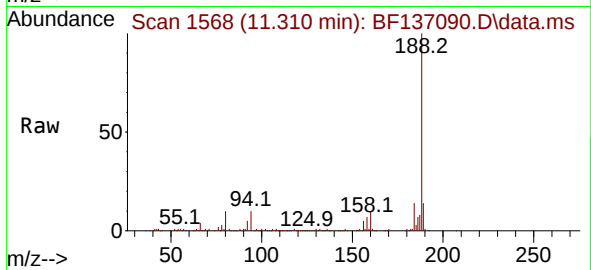




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137090.D
Acq: 16 Jan 2024 20:36

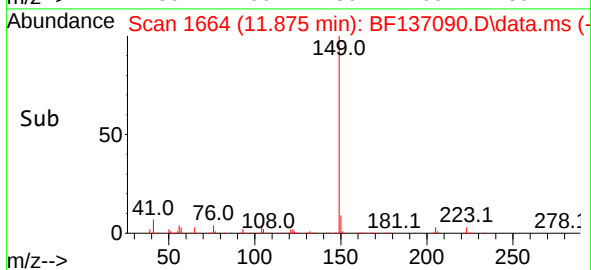
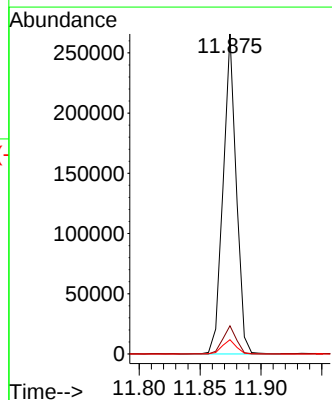
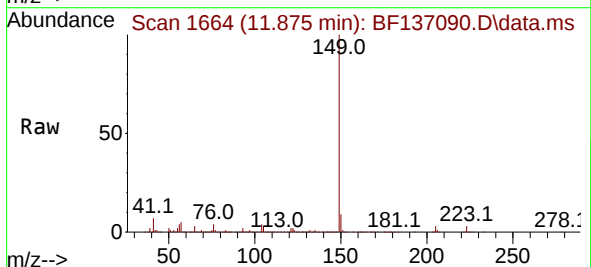
Instrument :
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ClientSampleId :
5TH-FLOOR-SAMPLE-03

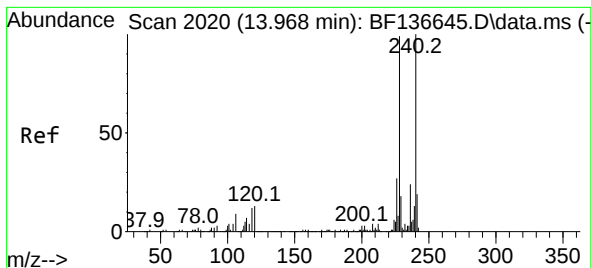
Tgt Ion:188 Resp: 135615
Ion Ratio Lower Upper
188 100
94 10.0 7.5 11.3
80 9.8 8.1 12.1



#74
Di-n-butylphthalate
Concen: 24.692 ng
RT: 11.875 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF137090.D
Acq: 16 Jan 2024 20:36

Tgt Ion:149 Resp: 200187
Ion Ratio Lower Upper
149 100
150 8.8 7.4 11.2
104 4.5 3.6 5.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137090.D

Acq: 16 Jan 2024 20:36

Instrument :

BNA_F

ClientSampleId :

5TH-FLOOR-SAMPLE-03

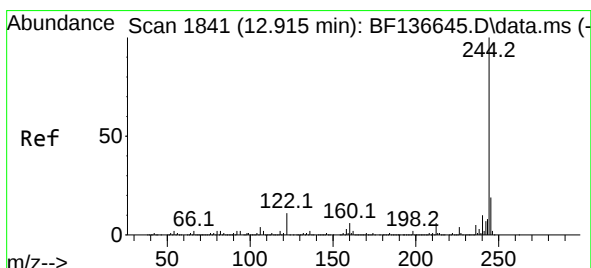
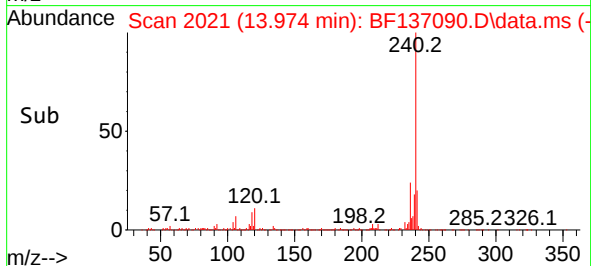
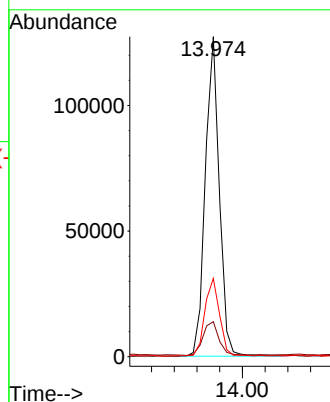
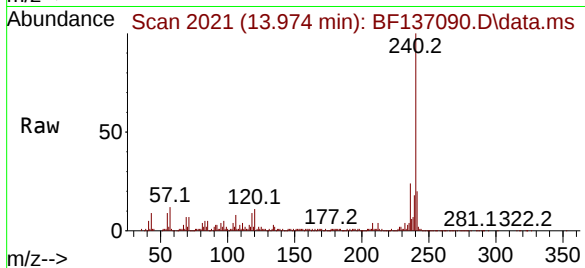
Tgt Ion:240 Resp: 108582

Ion Ratio Lower Upper

240 100

120 11.0 10.3 15.5

236 24.5 19.4 29.2



#79

Terphenyl-d14

Concen: 40.412 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF137090.D

Acq: 16 Jan 2024 20:36

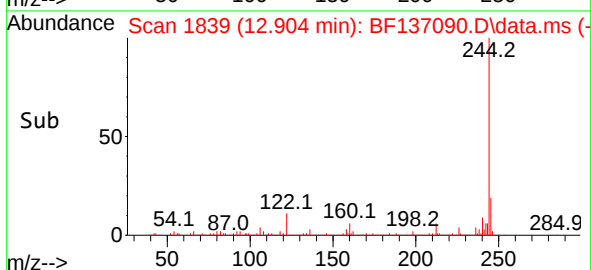
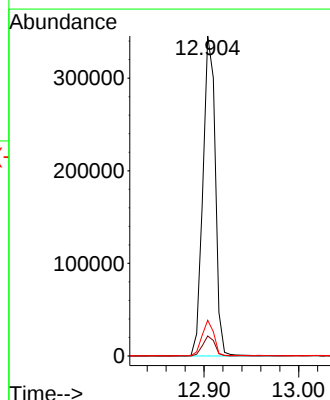
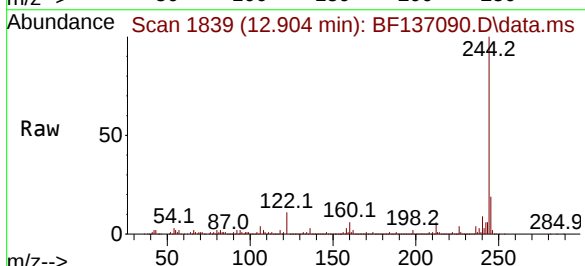
Tgt Ion:244 Resp: 313999

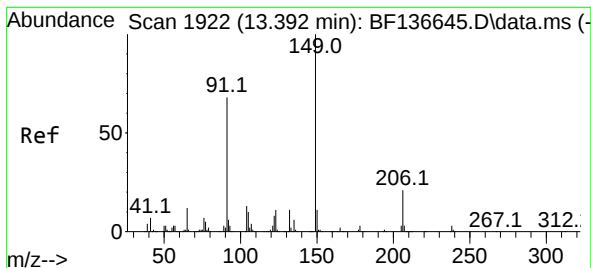
Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 11.1 9.0 13.4





#80

Butylbenzylphthalate

Concen: 26.209 ng

RT: 13.386 min Scan# 1922

Delta R.T. -0.006 min

Lab File: BF137090.D

Acq: 16 Jan 2024 20:36

Instrument :

BNA_F

ClientSampleId :

5TH-FLOOR-SAMPLE-03

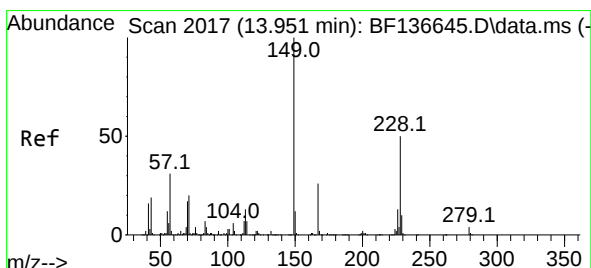
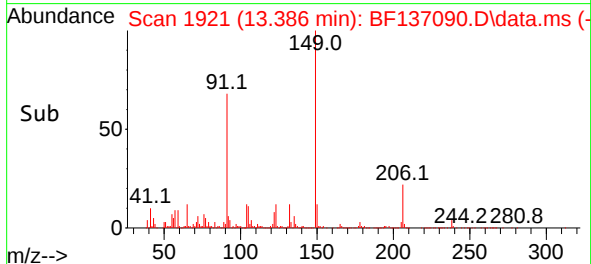
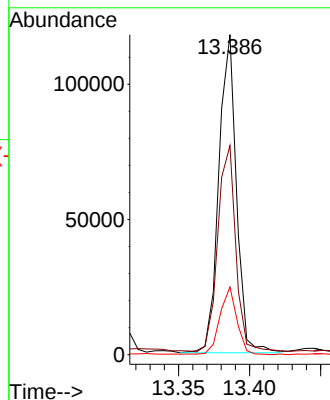
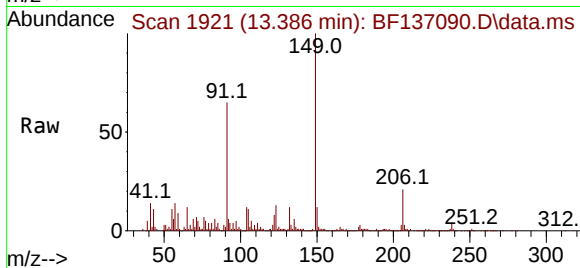
Tgt Ion:149 Resp: 101652

Ion Ratio Lower Upper

149 100

91 65.4 54.1 81.1

206 21.1 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 15.117 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137090.D

Acq: 16 Jan 2024 20:36

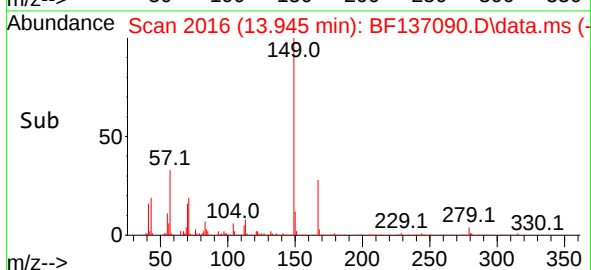
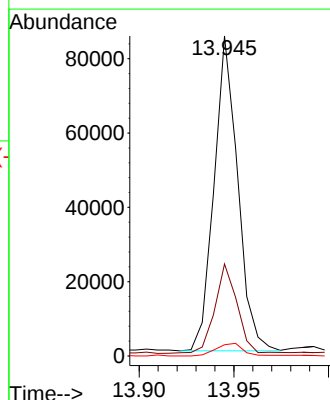
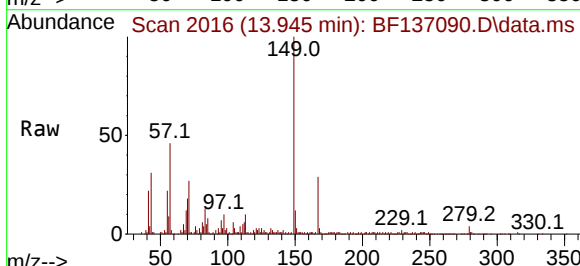
Tgt Ion:149 Resp: 73768

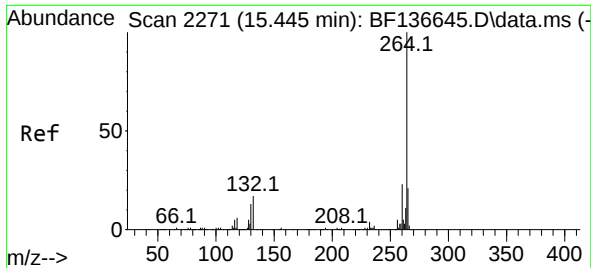
Ion Ratio Lower Upper

149 100

167 28.7 20.9 31.3

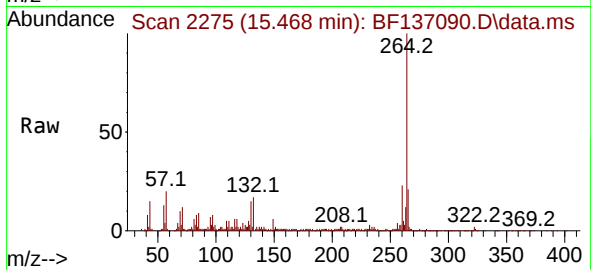
279 3.5 2.9 4.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF137090.D
Acq: 16 Jan 2024 20:36

Instrument :
BNA_F
ClientSampleId :
5TH-FLOOR-SAMPLE-03



Tgt Ion:264 Resp: 105462

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.3	27.5
265	21.5	17.0	25.6

