

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137088.D
 Acq On : 16 Jan 2024 19:37
 Operator : CG\JU
 Sample : P1146-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6TH-FLOOR-SAMPLE-04

Quant Time: Jan 17 02:02:31 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)

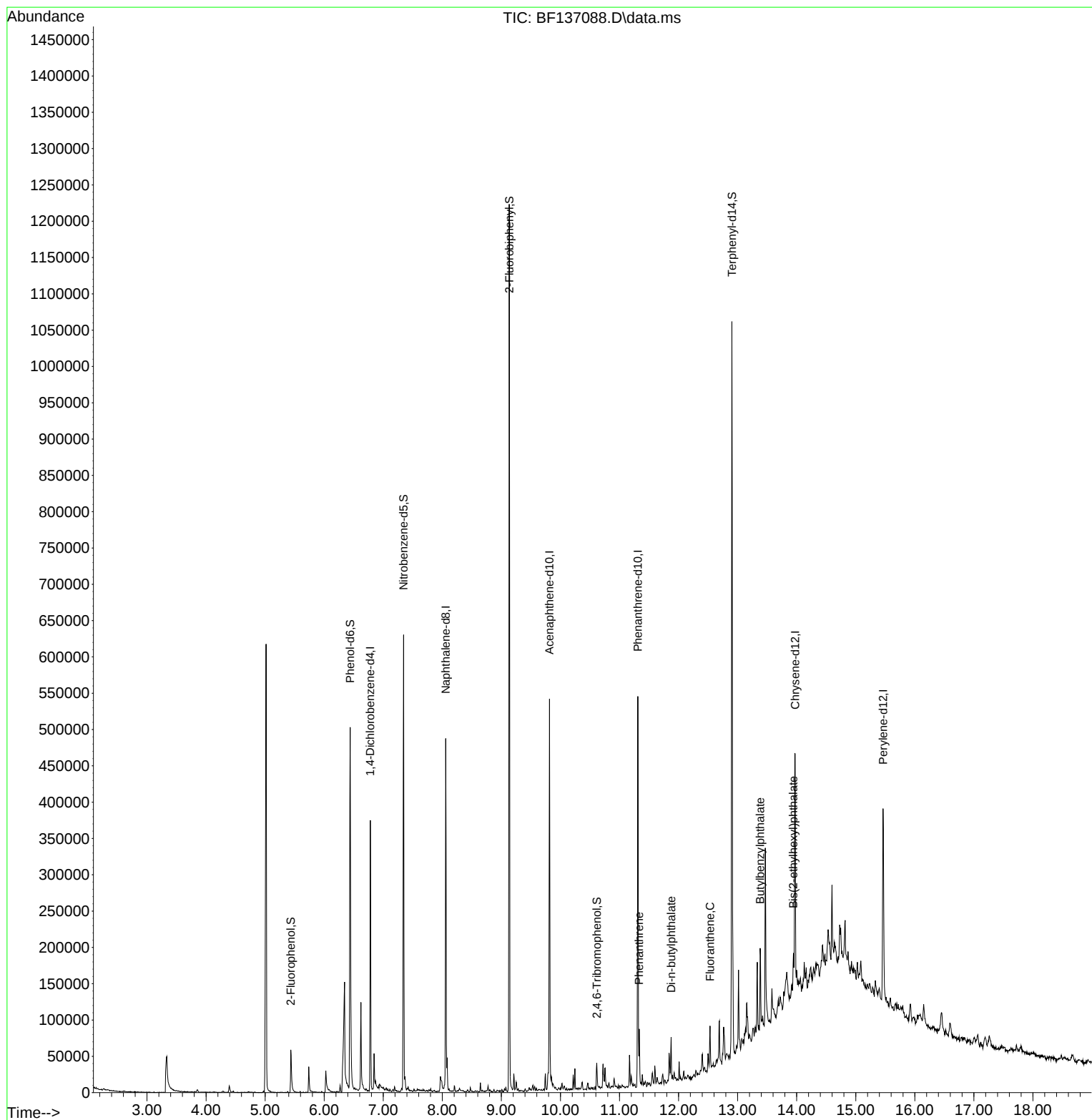
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	51444	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	197375	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	100109	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	183291	20.000	ng	0.00
76) Chrysene-d12	13.974	240	121212	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	126082	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	22343	6.777	ng	0.00
7) Phenol-d6	6.439	99	198413	46.442	ng	0.00
23) Nitrobenzene-d5	7.345	82	176696	45.810	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	5065	4.296	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	359363	48.281	ng	-0.02
79) Terphenyl-d14	12.904	244	360978	41.618	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.333	178	25982	2.763	ng	100
74) Di-n-butylphthalate	11.874	149	25861	2.360	ng	# 97
75) Fluoranthene	12.533	202	22718	2.258	ng	99
80) Butylbenzylphthalate	13.380	149	24455	5.648	ng	95
84) Bis(2-ethylhexyl)phtha...	13.945	149	13937	2.558	ng	# 91

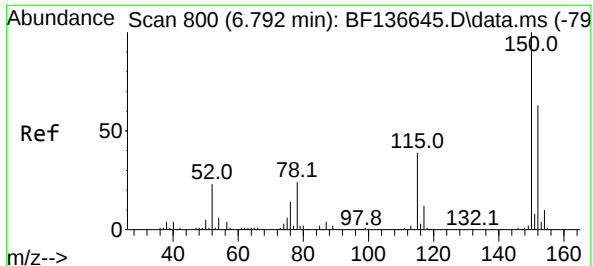
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 17 02:02:31 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

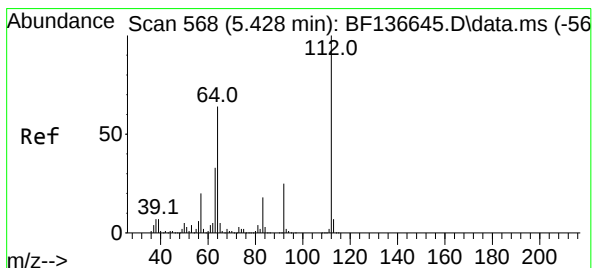
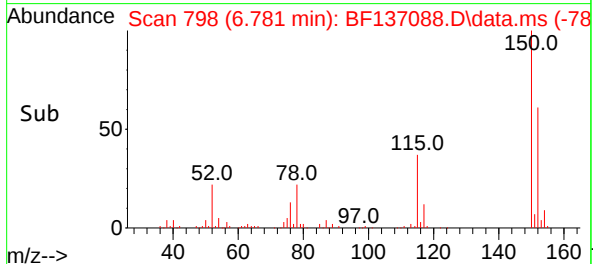
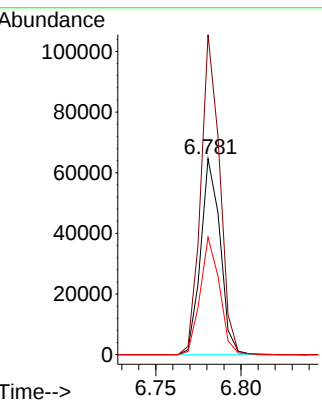
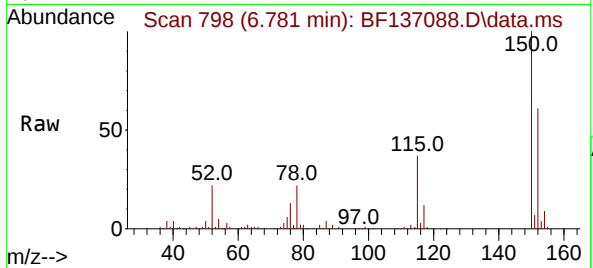




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

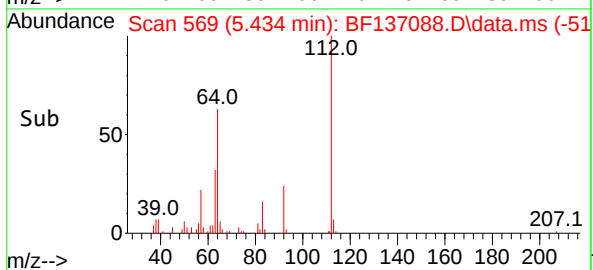
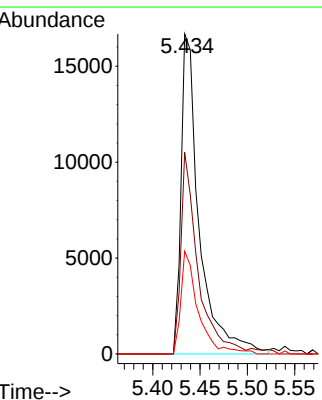
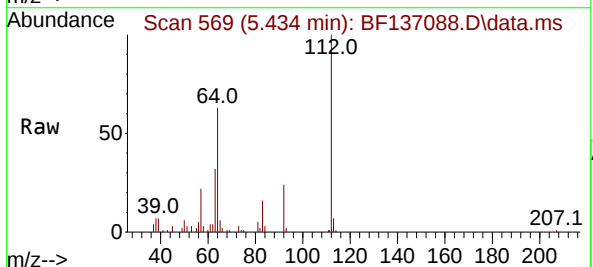
Instrument :
BNA_F
ClientSampleId :
6TH-FLOOR-SAMPLE-04

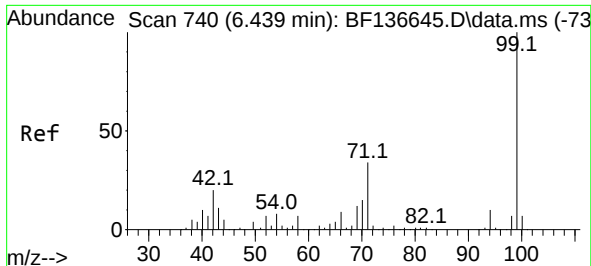
Tgt Ion:152 Resp: 51444
Ion Ratio Lower Upper
152 100
150 163.2 127.0 190.6
115 59.8 49.0 73.4



#5
2-Fluorophenol
Concen: 6.777 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

Tgt Ion:112 Resp: 22343
Ion Ratio Lower Upper
112 100
64 63.0 51.1 76.7
63 32.1 26.1 39.1

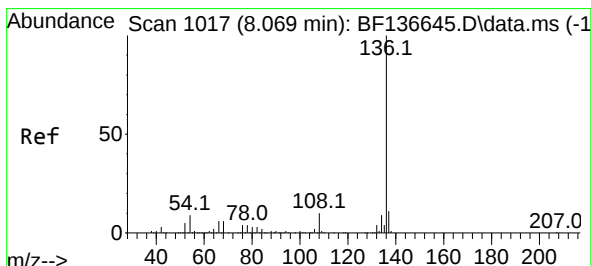
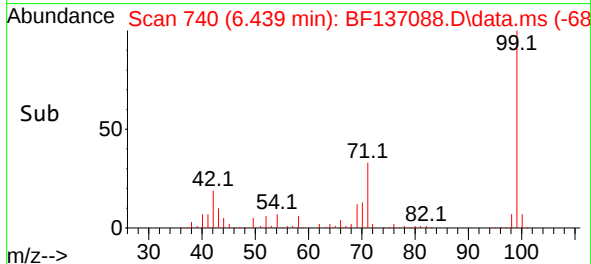
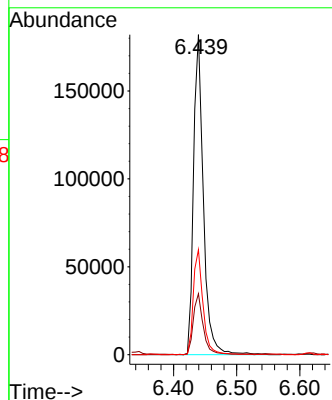
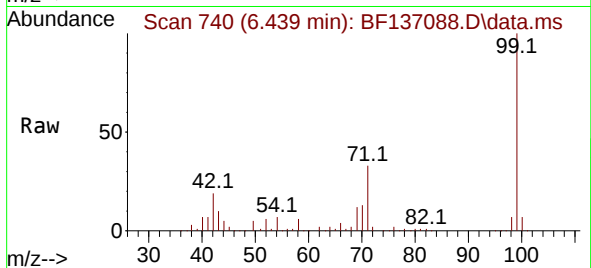




#7
Phenol-d6
Concen: 46.442 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

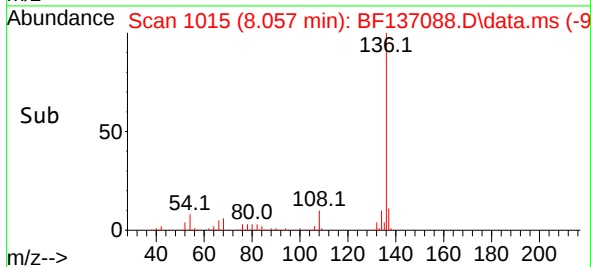
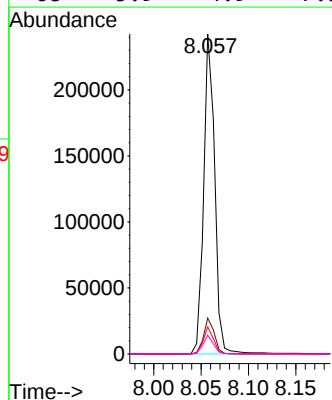
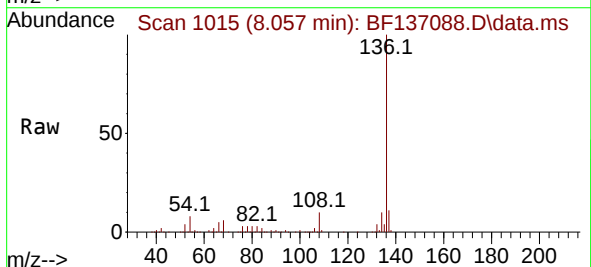
Instrument :
BNA_F
ClientSampleId :
6TH-FLOOR-SAMPLE-04

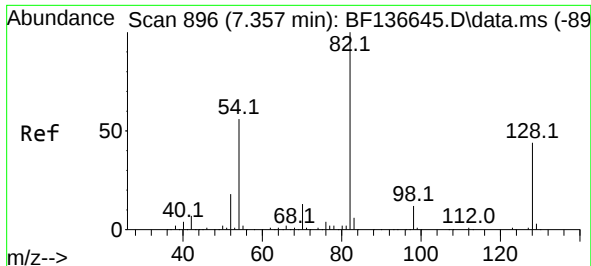
Tgt Ion: 99 Resp: 198413
Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 32.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

Tgt Ion: 136 Resp: 197375
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.4 7.2 10.8
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 45.810 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

Instrument :

BNA_F

ClientSampleId :

6TH-FLOOR-SAMPLE-04

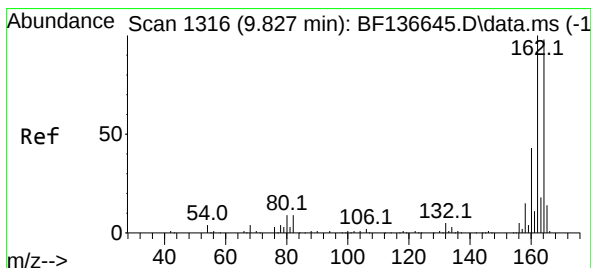
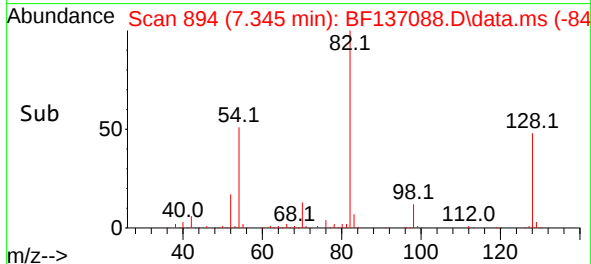
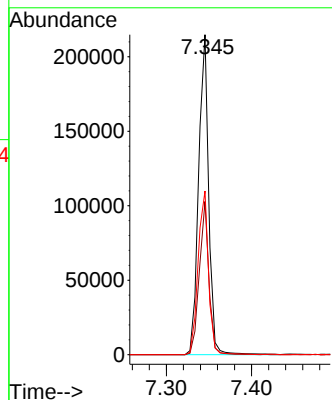
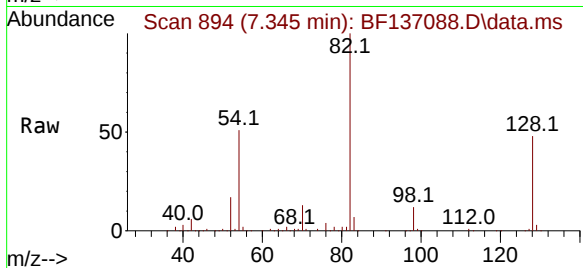
Tgt Ion: 82 Resp: 176696

Ion Ratio Lower Upper

82 100

128 47.9 35.3 52.9

54 51.2 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: BF137088.D

Acq: 16 Jan 2024 19:37

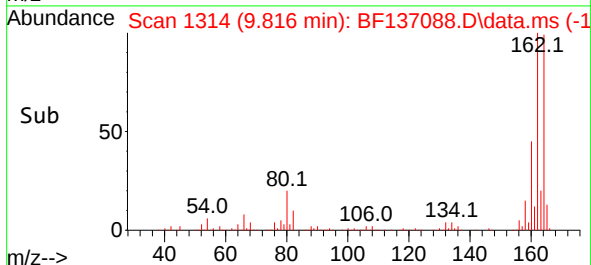
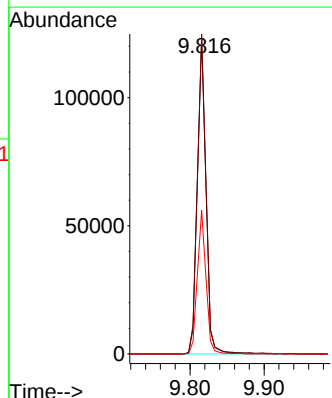
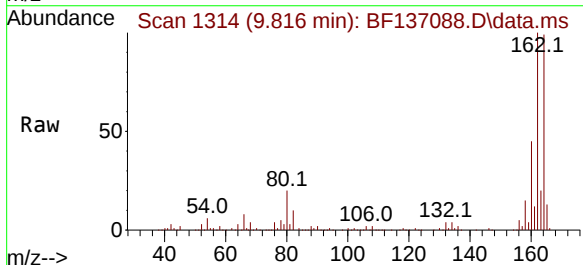
Tgt Ion:164 Resp: 100109

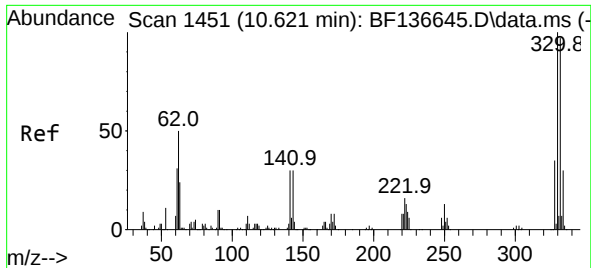
Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

160 45.5 34.9 52.3

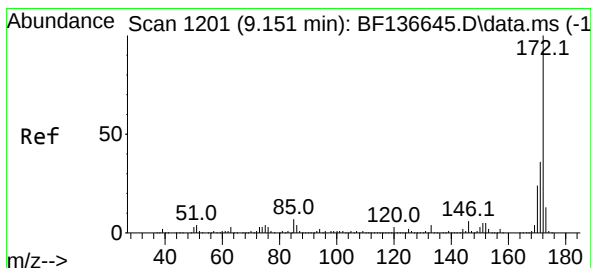
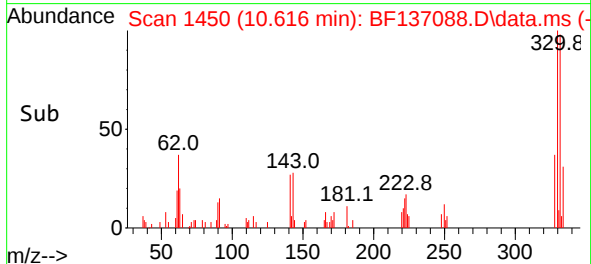
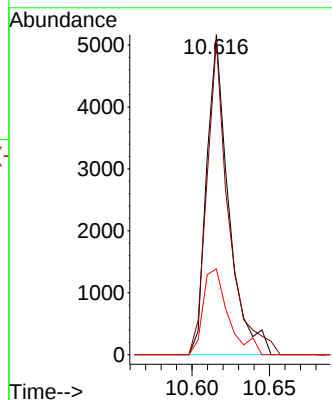
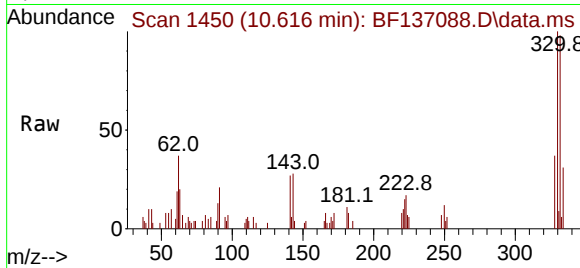




#42
2,4,6-Tribromophenol
Concen: 4.296 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

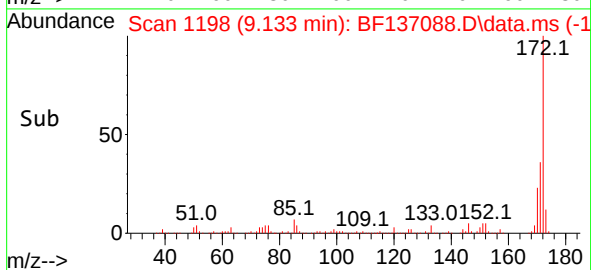
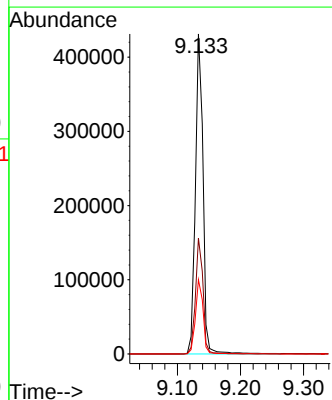
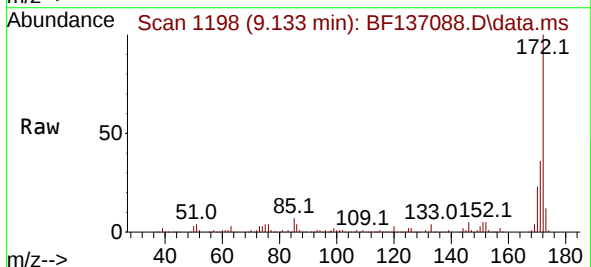
Instrument :
BNA_F
ClientSampleId :
6TH-FLOOR-SAMPLE-04

Tgt Ion:	330	Resp:	5065
Ion Ratio	Lower	Upper	
330	100		
332	97.7	77.4	116.0
141	30.9	23.4	35.2



#45
2-Fluorobiphenyl
Concen: 48.281 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

Tgt Ion:	172	Resp:	359363
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.0	43.6
170	23.2	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

Instrument :

BNA_F

ClientSampleId :

6TH-FLOOR-SAMPLE-04

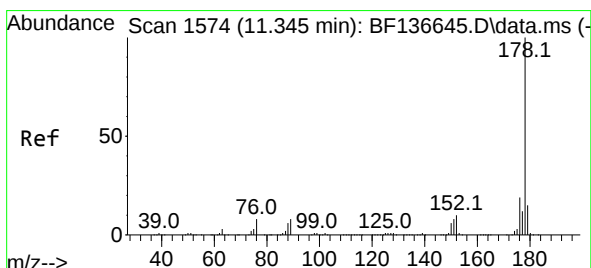
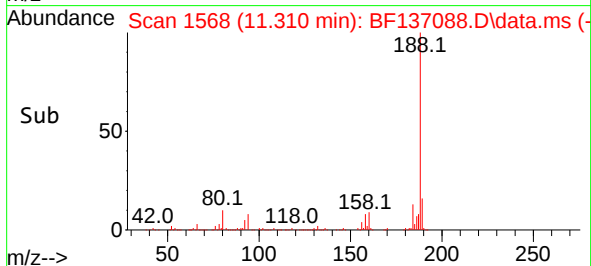
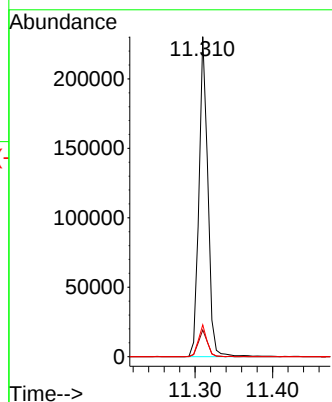
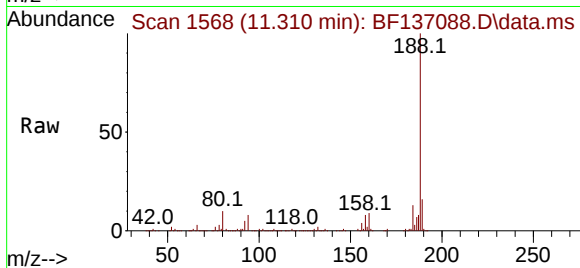
Tgt Ion:188 Resp: 183291

Ion Ratio Lower Upper

188 100

94 8.4 7.5 11.3

80 10.0 8.1 12.1



#71

Phenanthrene

Concen: 2.763 ng

RT: 11.333 min Scan# 1572

Delta R.T. -0.012 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

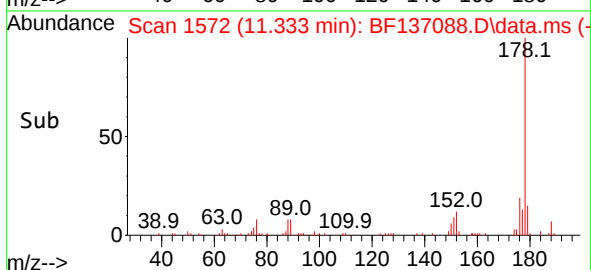
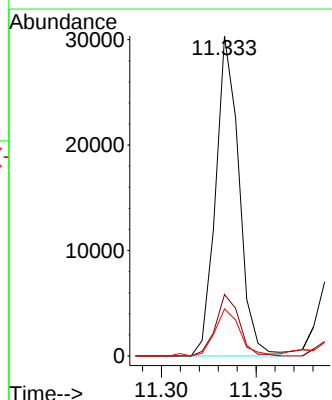
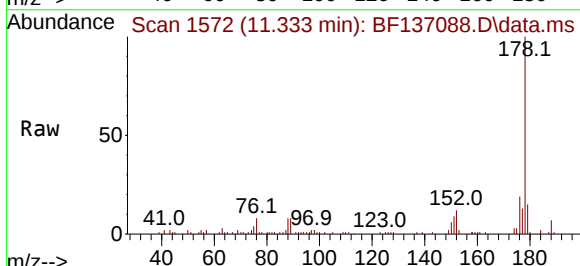
Tgt Ion:178 Resp: 25982

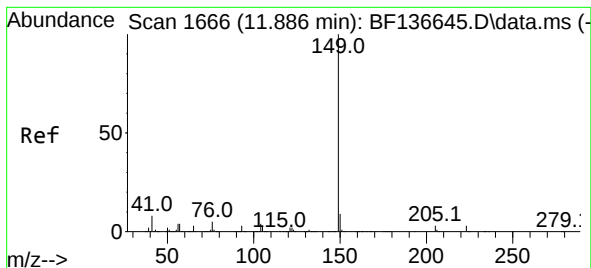
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 14.7 11.9 17.9





#74

Di-n-butylphthalate

Concen: 2.360 ng

RT: 11.874 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

Instrument :

BNA_F

ClientSampleId :

6TH-FLOOR-SAMPLE-04

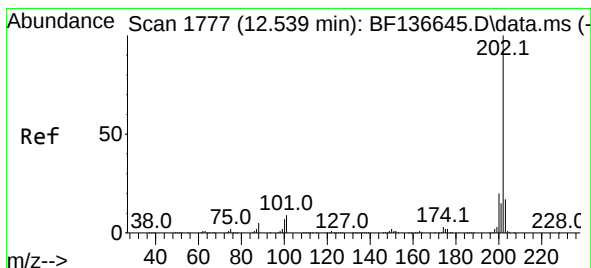
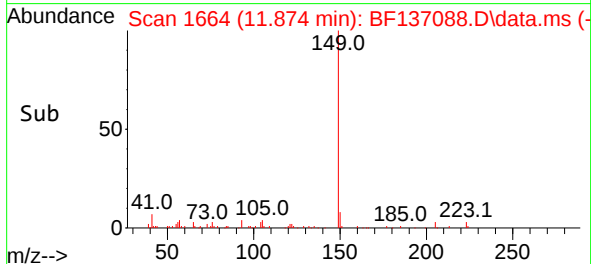
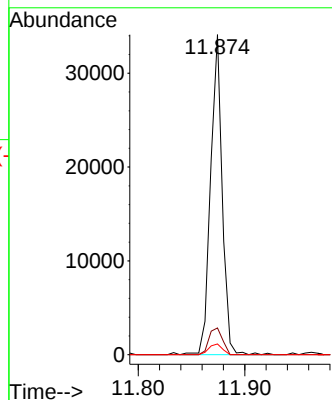
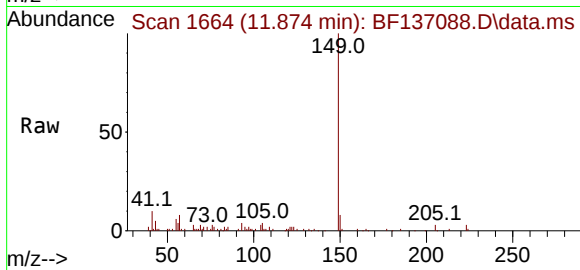
Tgt Ion:149 Resp: 25861

Ion Ratio Lower Upper

149 100

150 8.4 7.4 11.2

104 3.3 3.6 5.4#



#75

Fluoranthene

Concen: 2.258 ng

RT: 12.533 min Scan# 1776

Delta R.T. -0.006 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

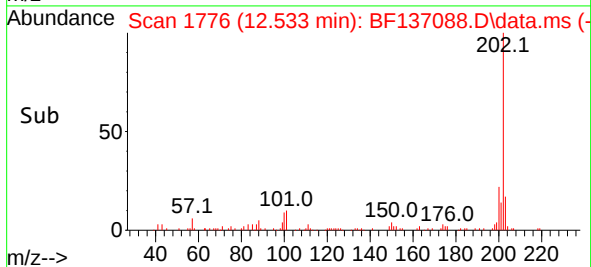
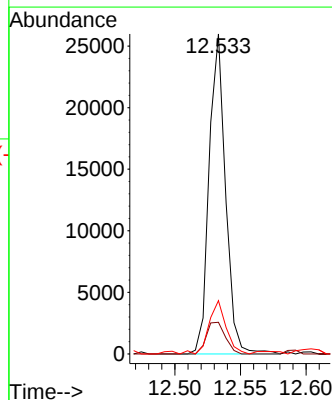
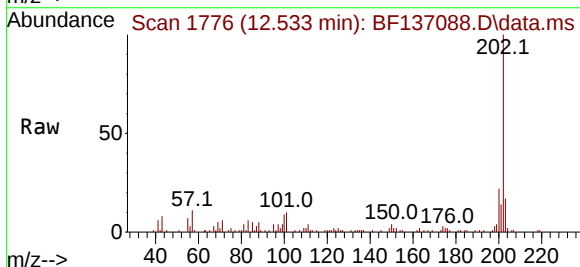
Tgt Ion:202 Resp: 22718

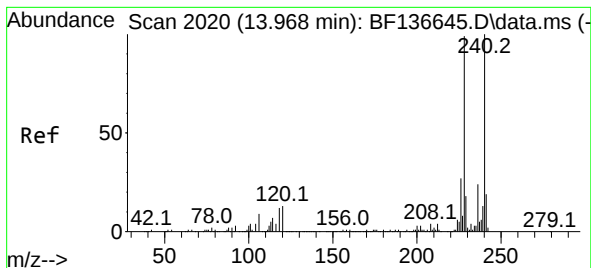
Ion Ratio Lower Upper

202 100

101 9.9 0.0 29.3

203 16.7 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

Instrument :

BNA_F

ClientSampleId :

6TH-FLOOR-SAMPLE-04

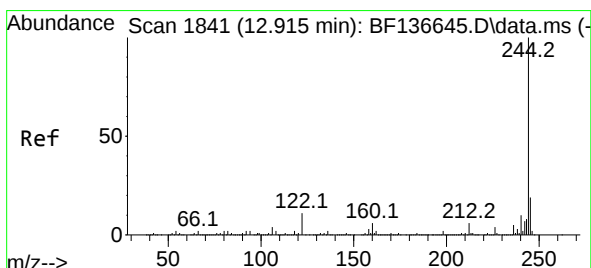
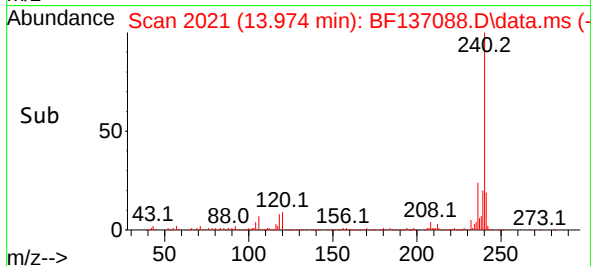
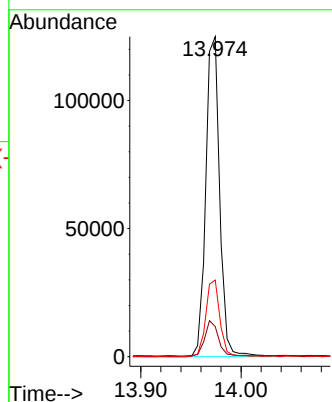
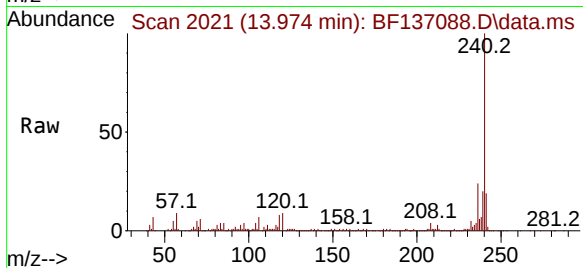
Tgt Ion:240 Resp: 121212

Ion Ratio Lower Upper

240 100

120 9.4 10.3 15.5#

236 24.0 19.4 29.2



#79

Terphenyl-d14

Concen: 41.618 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

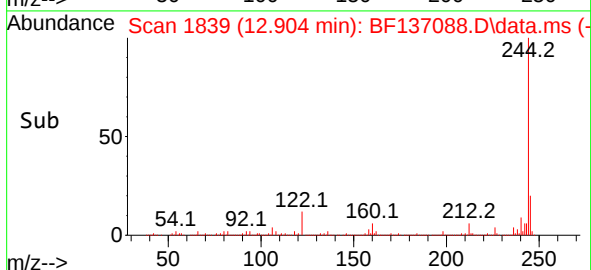
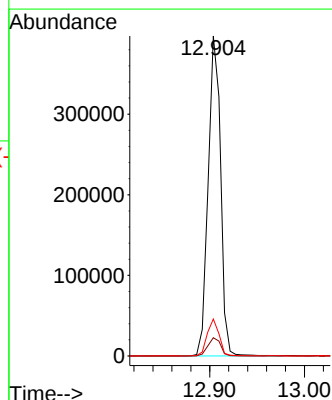
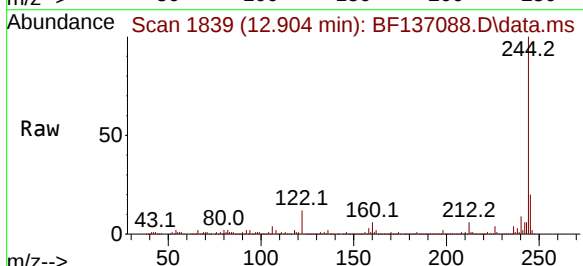
Tgt Ion:244 Resp: 360978

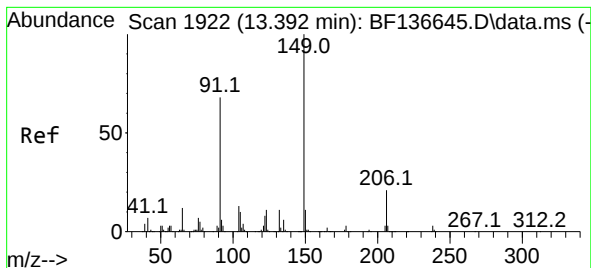
Ion Ratio Lower Upper

244 100

212 5.7 5.0 7.4

122 11.5 9.0 13.4





#80

Butylbenzylphthalate

Concen: 5.648 ng

RT: 13.380 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

Instrument :

BNA_F

ClientSampleId :

6TH-FLOOR-SAMPLE-04

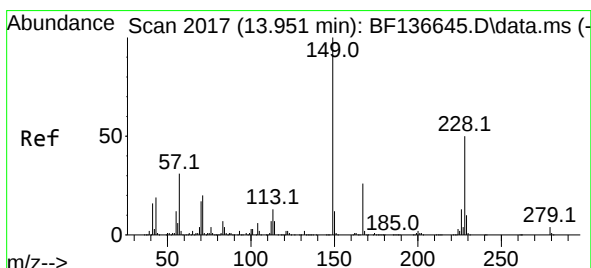
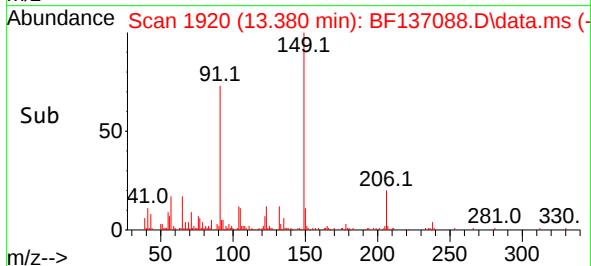
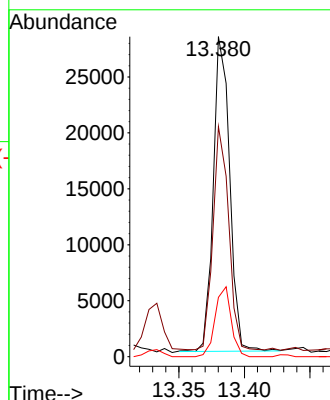
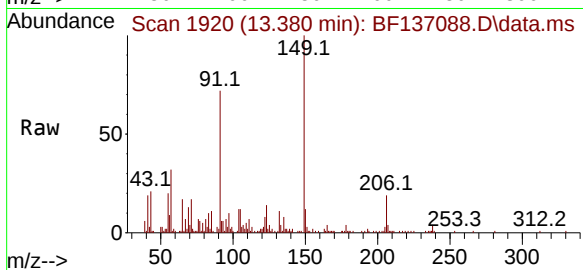
Tgt Ion:149 Resp: 24455

Ion Ratio Lower Upper

149 100

91 71.9 54.1 81.1

206 18.5 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.558 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

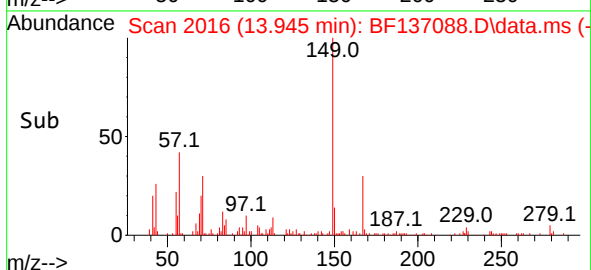
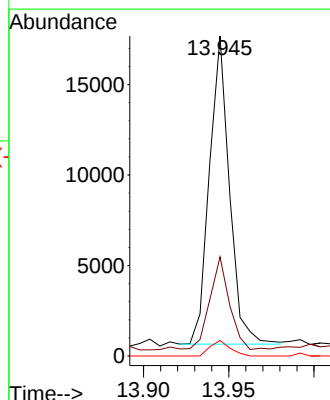
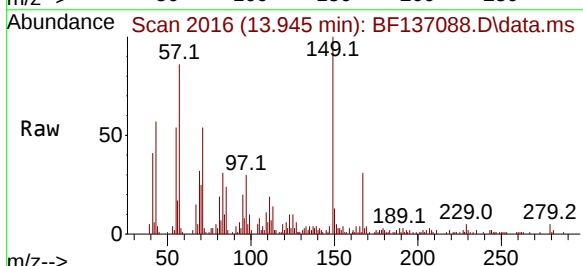
Tgt Ion:149 Resp: 13937

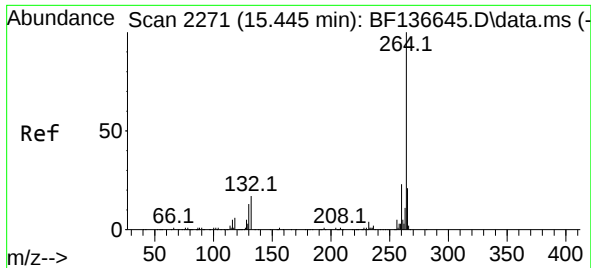
Ion Ratio Lower Upper

149 100

167 31.0 20.9 31.3

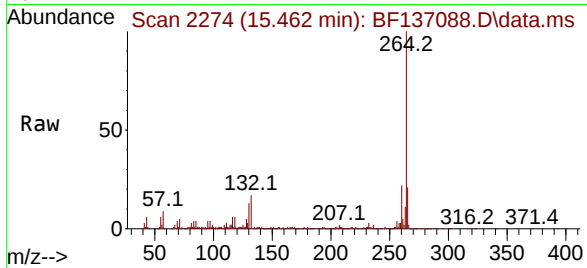
279 4.9 2.9 4.3#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF137088.D
 Acq: 16 Jan 2024 19:37

Instrument :
 BNA_F
 ClientSampleId :
 6TH-FLOOR-SAMPLE-04



Tgt Ion:	264	Resp:	126082
Ion Ratio	Lower	Upper	
264	100		
260	22.0	18.3	27.5
265	20.8	17.0	25.6

