

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)

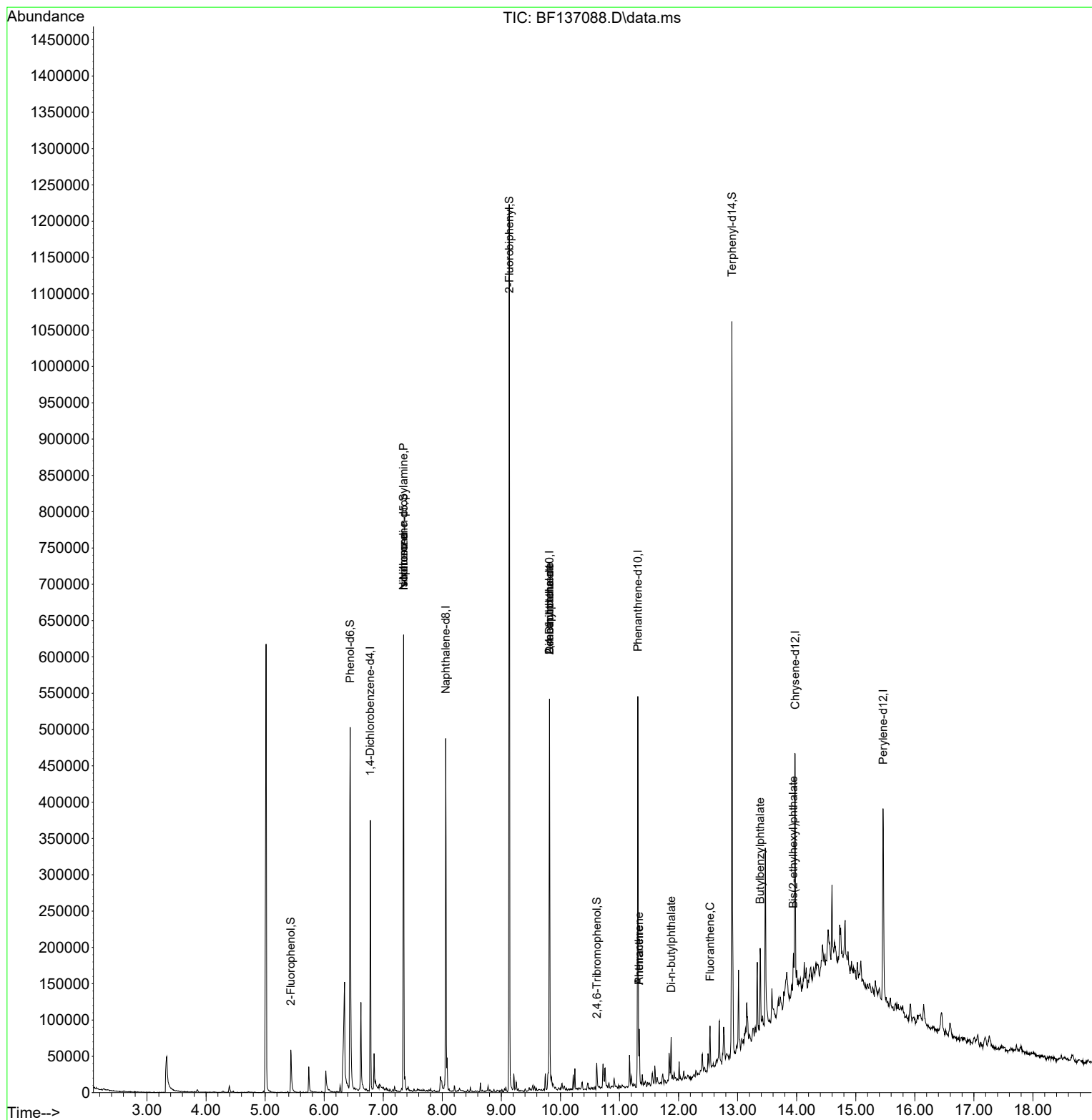
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	51444	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	197375	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	100109	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	183291	20.000	ng	0.00
76) Chrysene-d12	13.974	240	121212	20.000	ng	# 0.00
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	7.345	70	24438	9.436	ng	# 72
25) Isophorone	7.345	82	176693	25.175	ng	# 65
50) Dimethylphthalate	9.816	163	19366	2.648	ng	# 1
57) 2,4-Dinitrotoluene	9.816	165	13214	6.134	ng	# 23
71) Phenanthrene	11.333	178	25982	2.763	ng	100
72) Anthracene	11.333	178	25982	2.728	ng	99
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

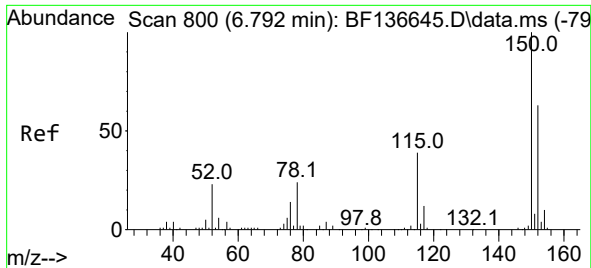
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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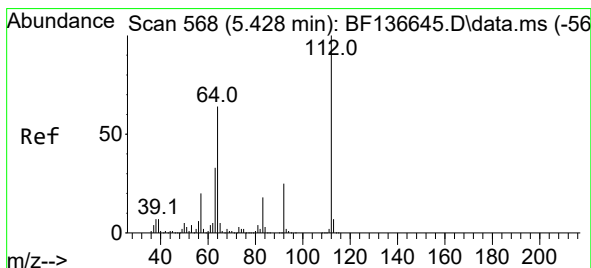
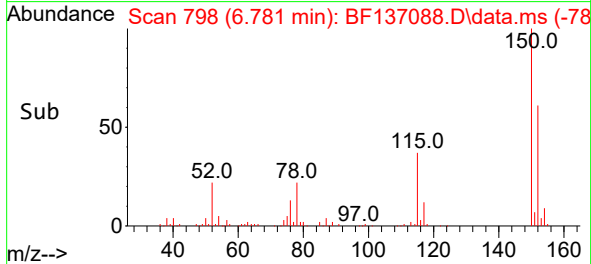
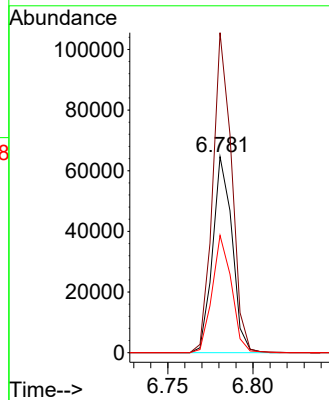
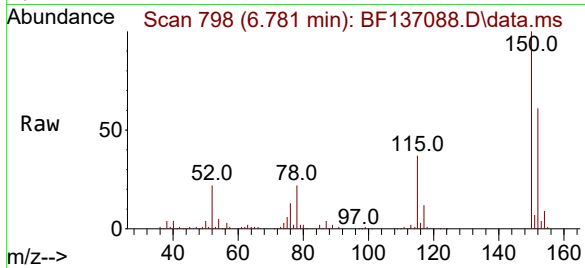




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

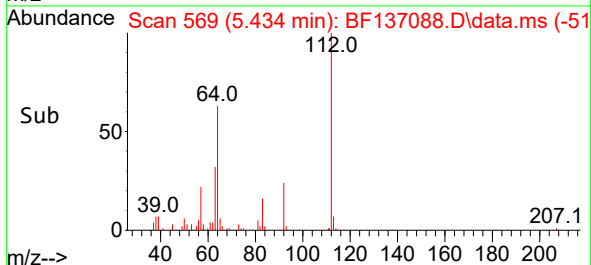
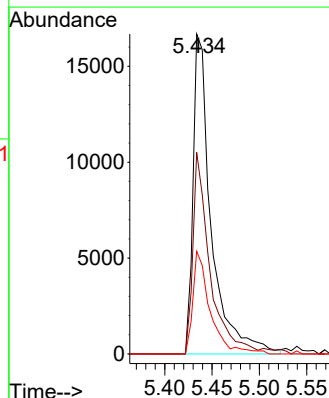
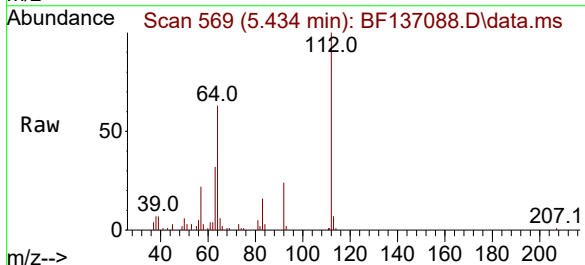
Instrument :
BNA_F
ClientSampleId :
6TH-FLOOR-SAMPLE-04

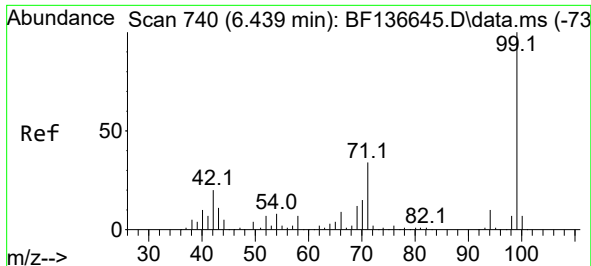
Tgt Ion:152 Resp: 51444
Ion Ratio Lower Upper
152 100
150 163.2 127.0 190.6
115 59.8 49.0 73.4



#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

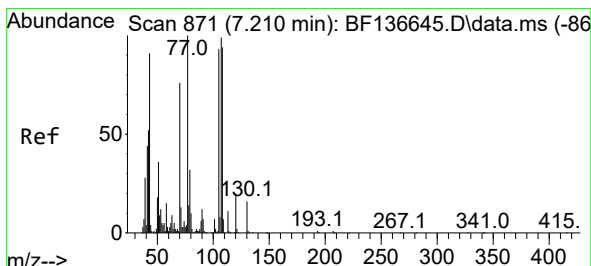
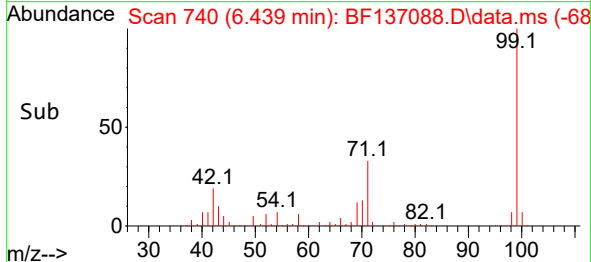
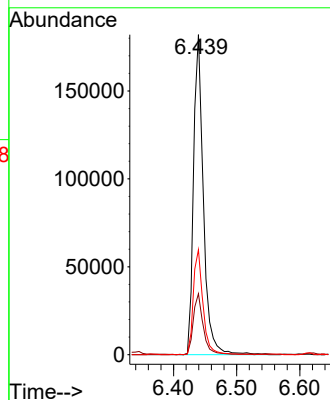
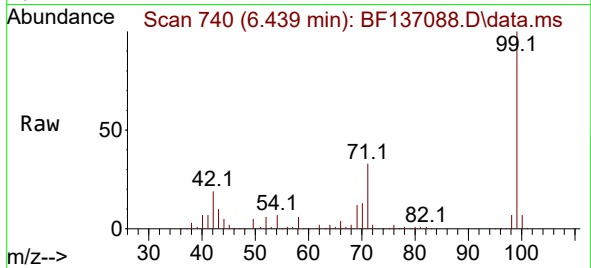




#7
Phenol-d6
Concen: 46.442 ng
RT: 6.439 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

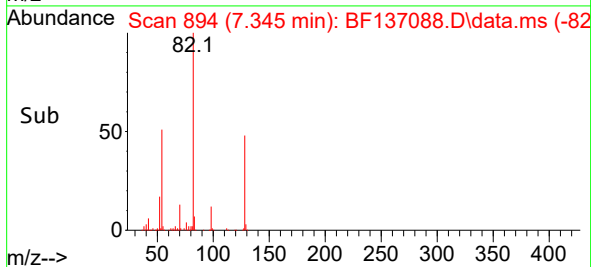
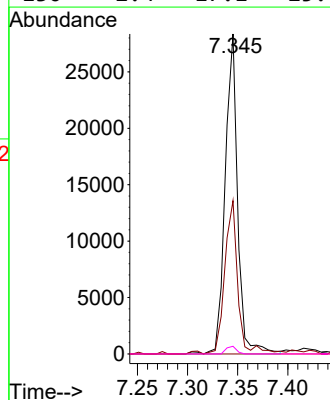
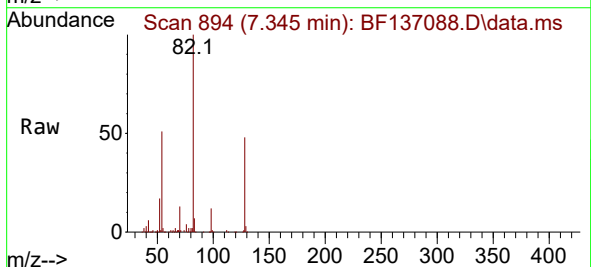
Instrument :
BNA_F
ClientSampleId :
6TH-FLOOR-SAMPLE-04

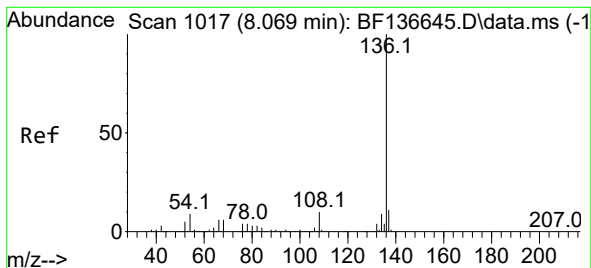
Tgt Ion: 99 Resp: 198413
Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 32.8 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.436 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

Tgt Ion: 70 Resp: 24438
Ion Ratio Lower Upper
70 100
42 47.9 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 17.1 25.7#





#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

Instrument :

BNA_F

ClientSampleId :

6TH-FLOOR-SAMPLE-04

Tgt Ion:136 Resp: 197375

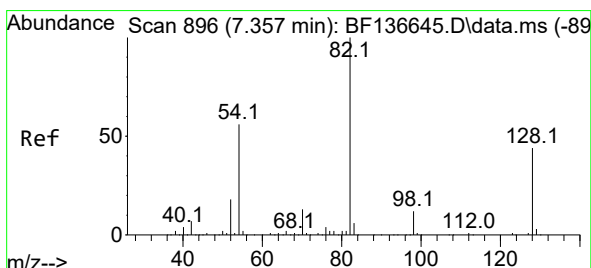
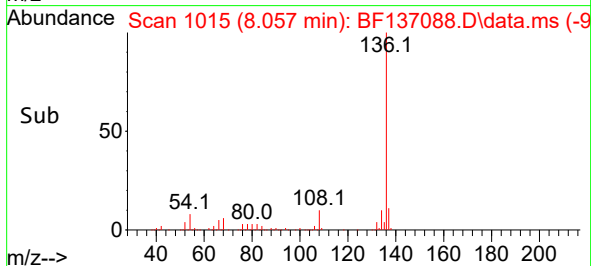
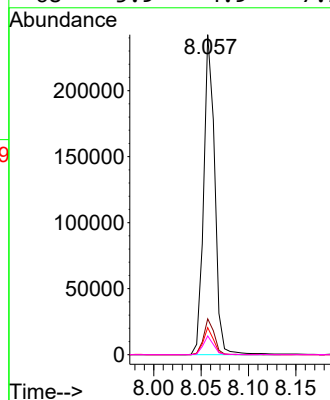
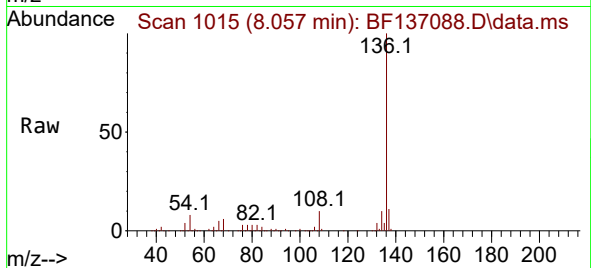
Ion Ratio Lower Upper

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# 894

Delta R.T. -0.012 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

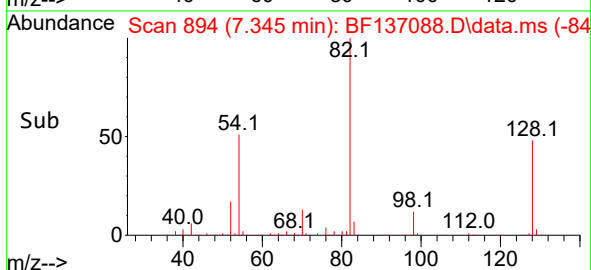
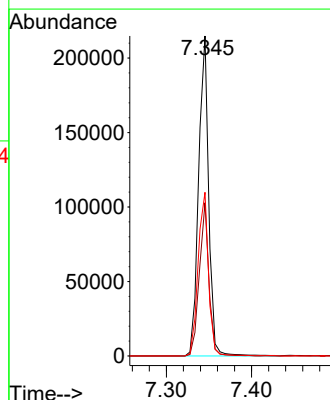
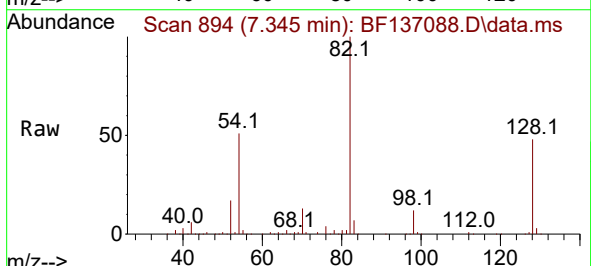
Tgt Ion: 82 Resp: 176696

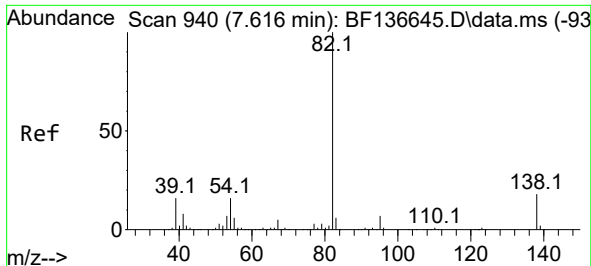
Ion Ratio Lower Upper

82 100

128 47.9 35.3 52.9

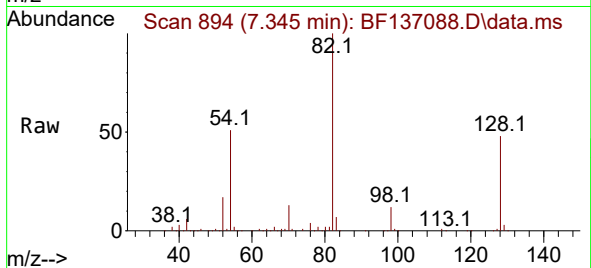
54 51.2 44.5 66.7



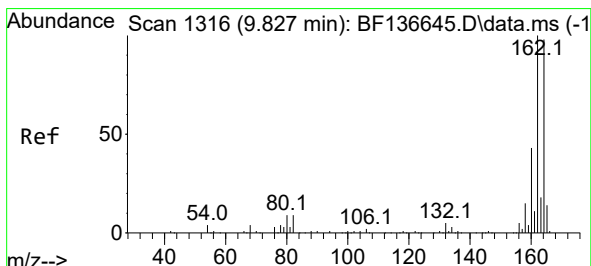
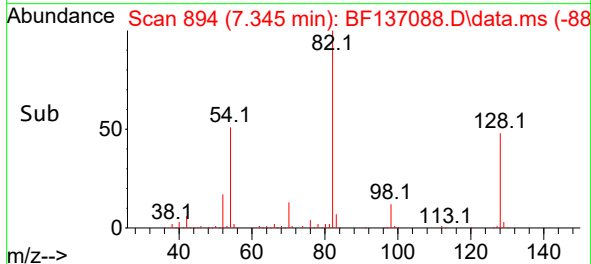
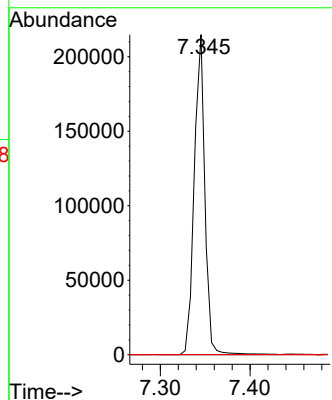


#25
Isophorone
Concen: 25.175 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

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

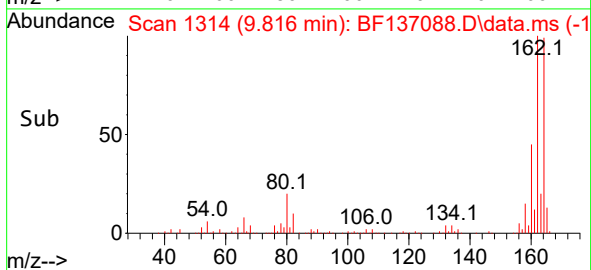
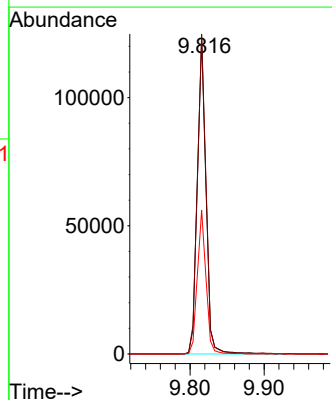
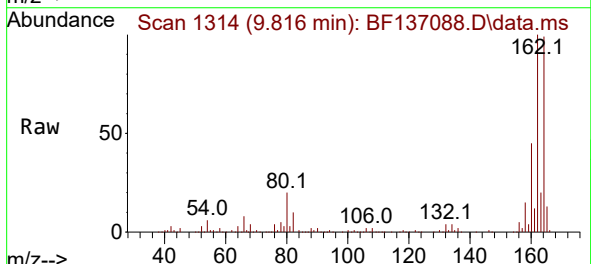


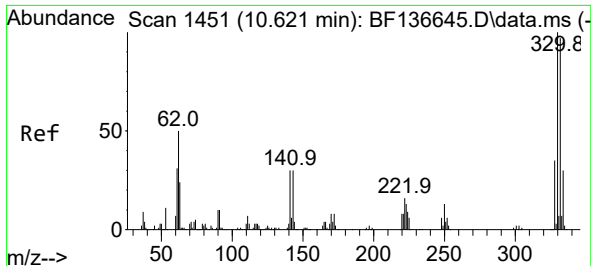
Tgt Ion: 82 Resp: 176693
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#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

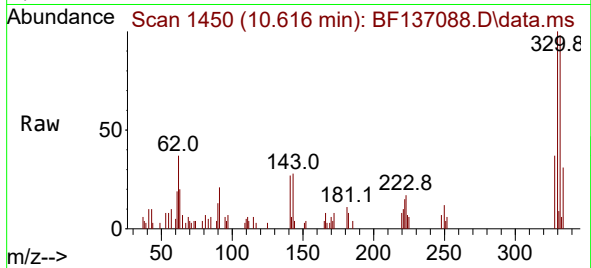
Tgt Ion:164 Resp: 100109
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 45.5 34.9 52.3



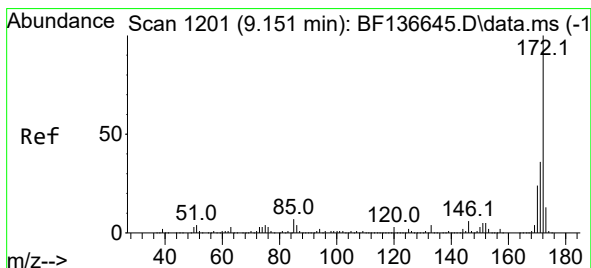
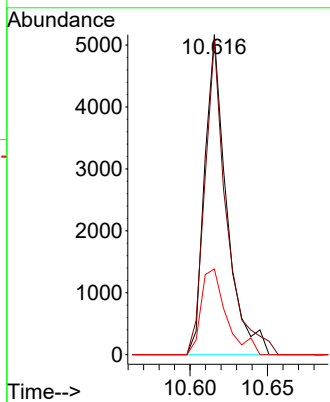
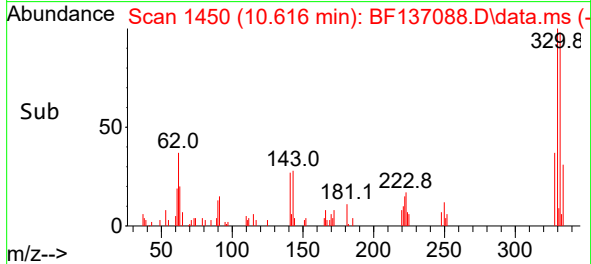


#42
2,4,6-Tribromophenol
Concen: 4.296 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

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

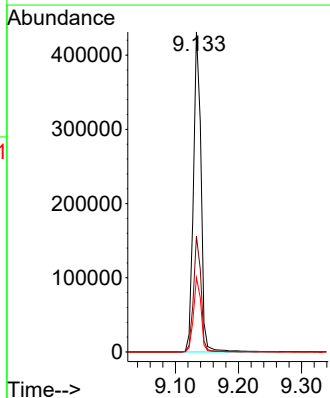
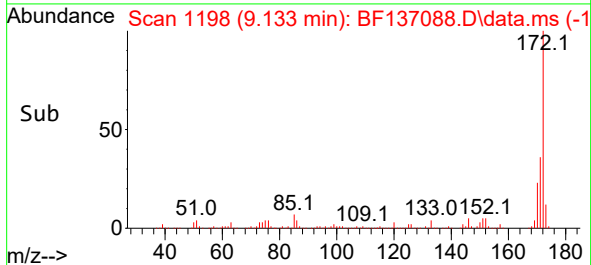
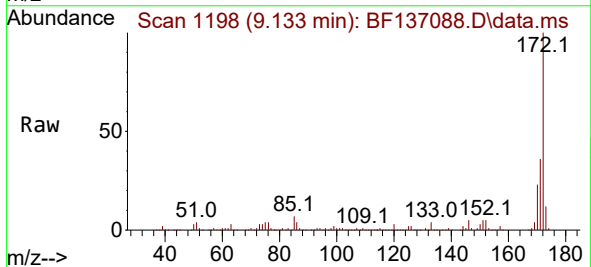


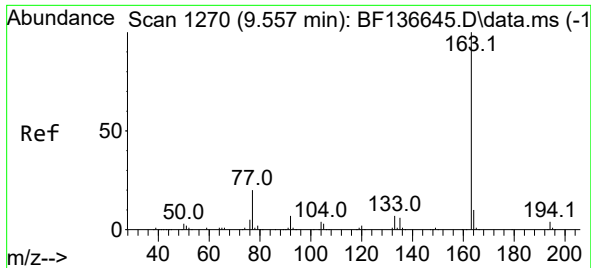
Tgt Ion: 330 Resp: 5065
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.0
141 30.9 23.4 35.2



#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

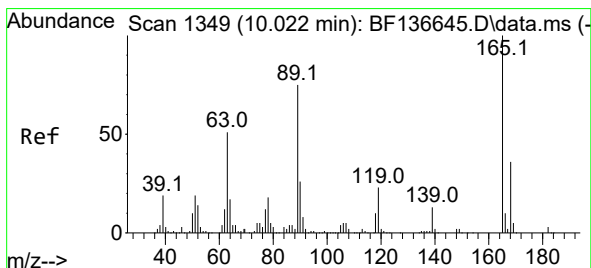
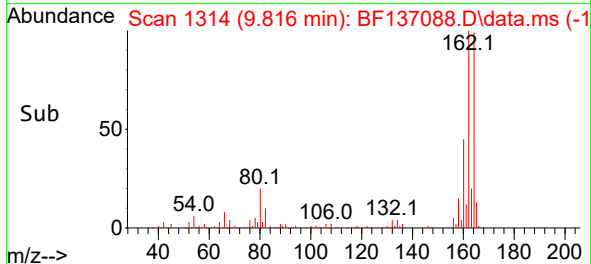
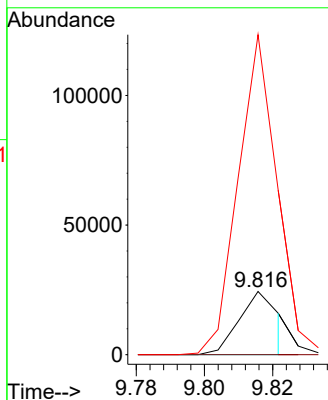
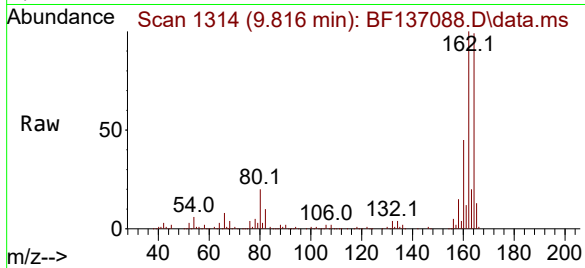




#50
Dimethylphthalate
Concen: 2.648 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

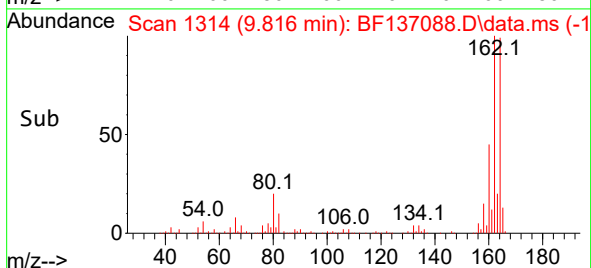
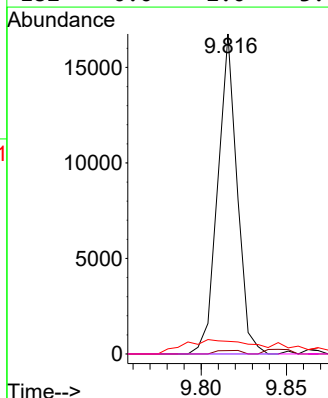
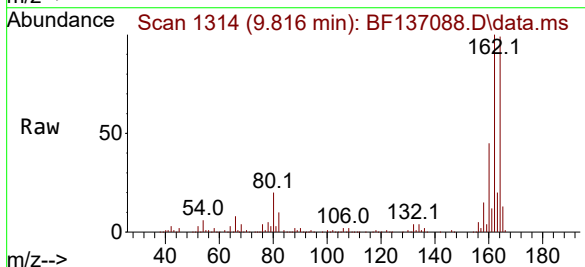
Instrument :
BNA_F
ClientSampleId :
6TH-FLOOR-SAMPLE-04

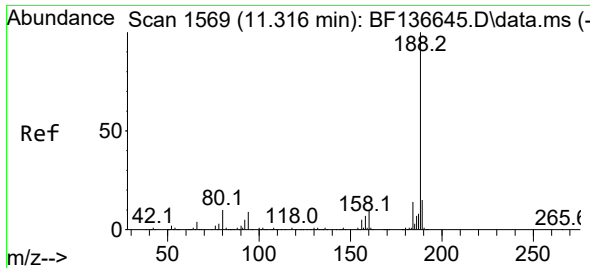
Tgt Ion:163 Resp: 19366
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 506.1 7.8 11.6#



#57
2,4-Dinitrotoluene
Concen: 6.134 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.206 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

Tgt Ion:165 Resp: 13214
Ion Ratio Lower Upper
165 100
63 1.1 41.0 61.6#
89 3.9 59.9 89.9#
182 0.0 2.0 3.0#

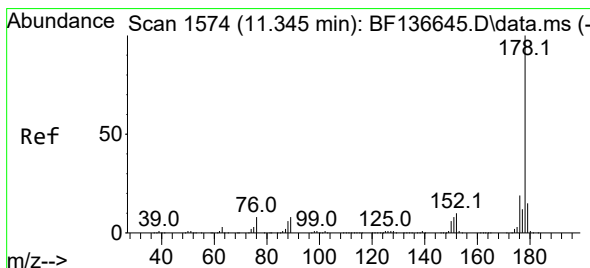
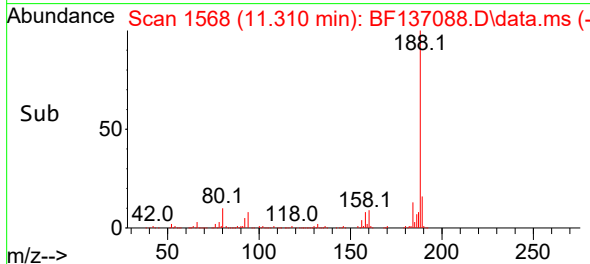
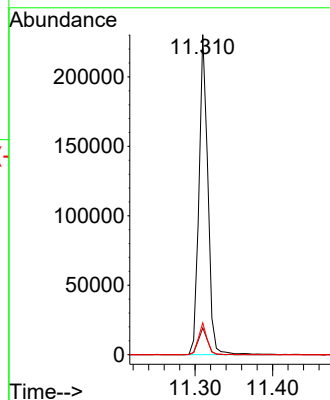
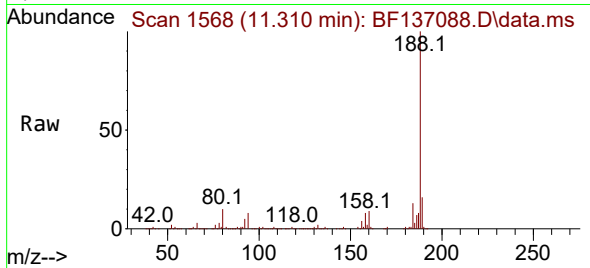




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

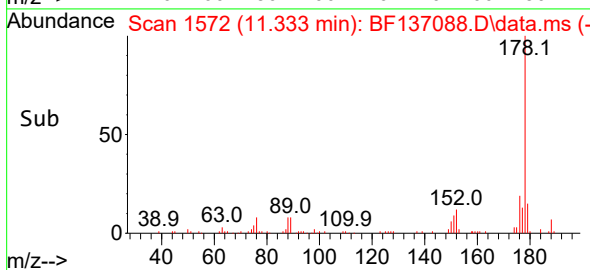
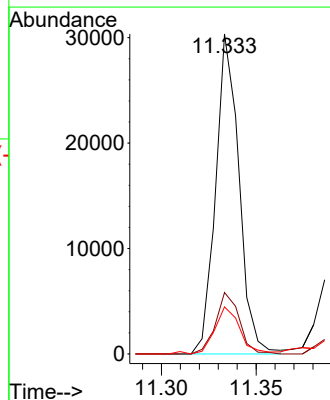
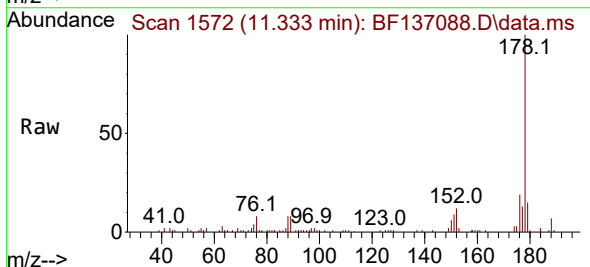
Instrument :
BNA_F
ClientSampleId :
6TH-FLOOR-SAMPLE-04

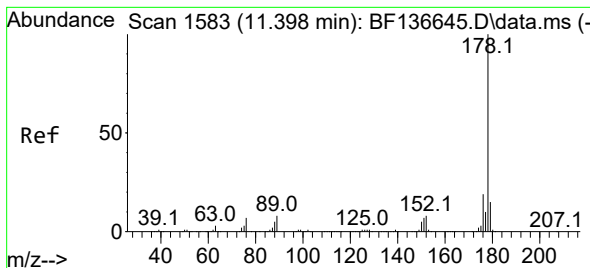
Tgt Ion:188 Resp: 183291
Ion Ratio Lower Upper
188 100
94 8.4 7.5 11.3
80 10.0 8.1 12.1



#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





#72

Anthracene

Concen: 2.728 ng

RT: 11.333 min Scan# 1

Delta R.T. -0.065 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

Instrument :

BNA_F

ClientSampleId :

6TH-FLOOR-SAMPLE-04

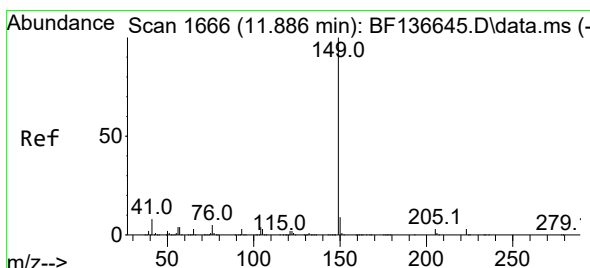
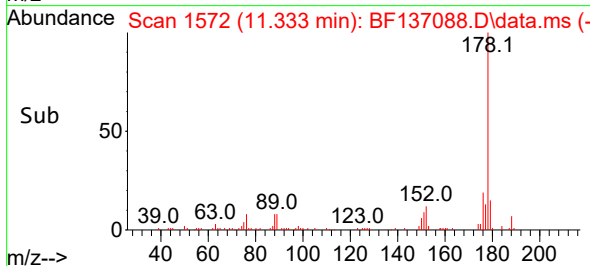
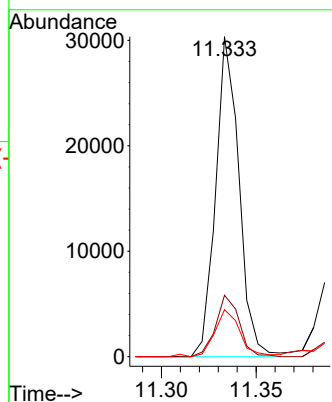
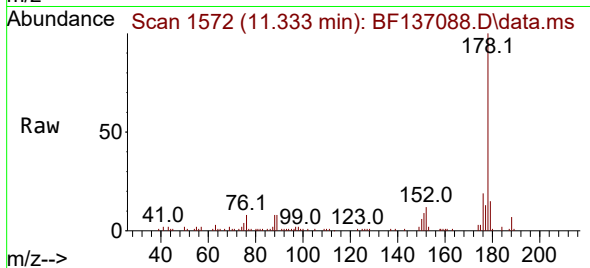
Tgt Ion:178 Resp: 25982

Ion Ratio Lower Upper

178 100

176 19.2 14.9 22.3

179 14.7 11.8 17.6



#74

Di-n-butylphthalate

Concen: 2.360 ng

RT: 11.874 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF137088.D

Acq: 16 Jan 2024 19:37

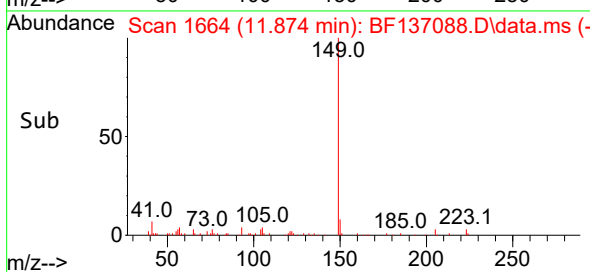
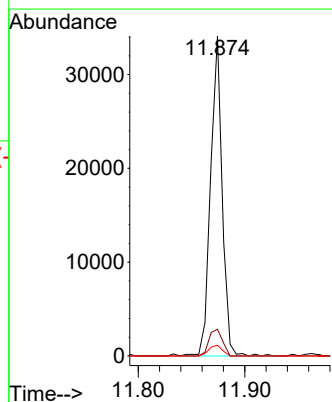
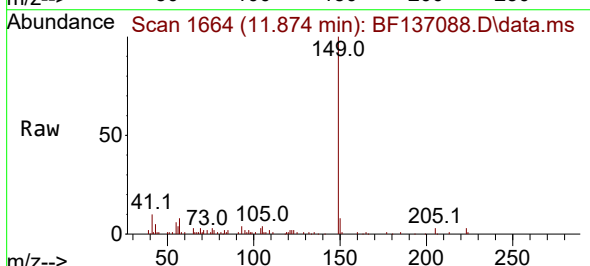
Tgt Ion:149 Resp: 25861

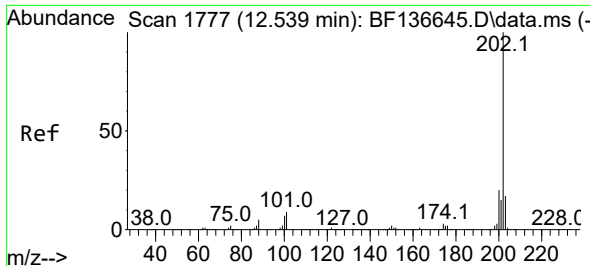
Ion Ratio Lower Upper

149 100

150 8.4 7.4 11.2

104 3.3 3.6 5.4#

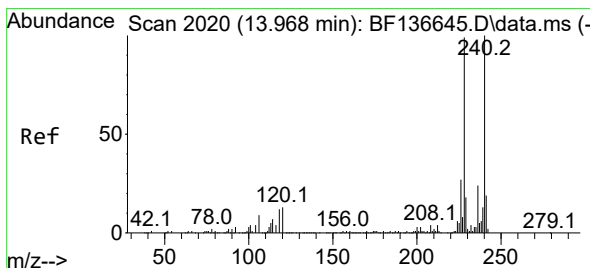
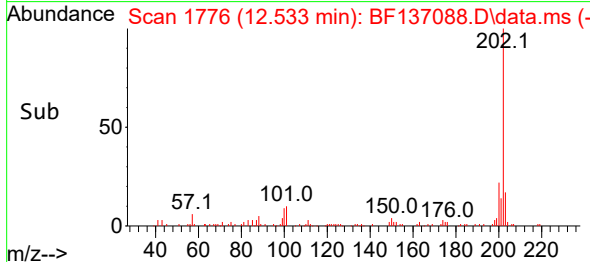
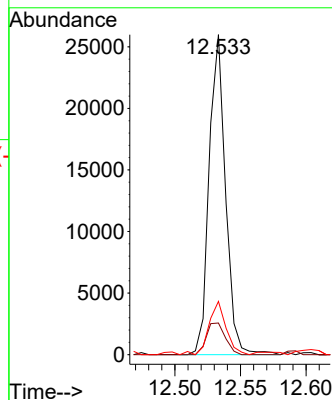
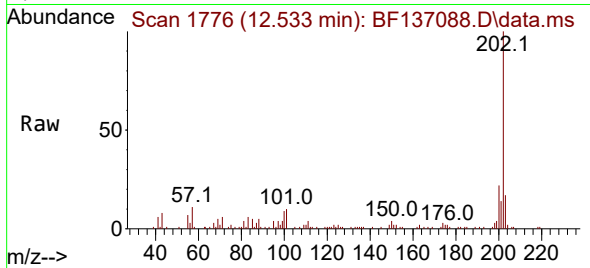




#75
Fluoranthene
Concen: 2.258 ng
RT: 12.533 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

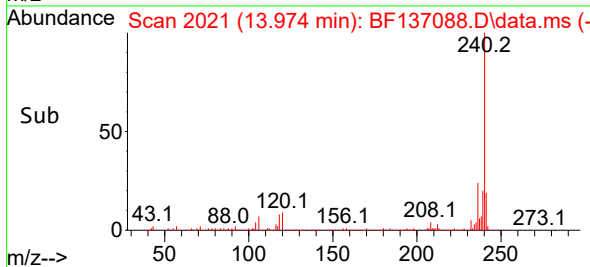
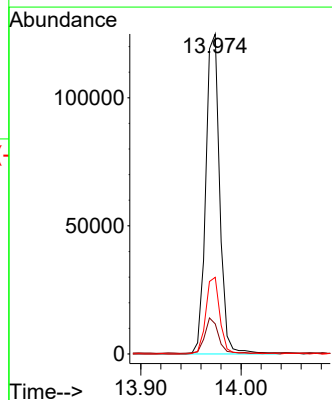
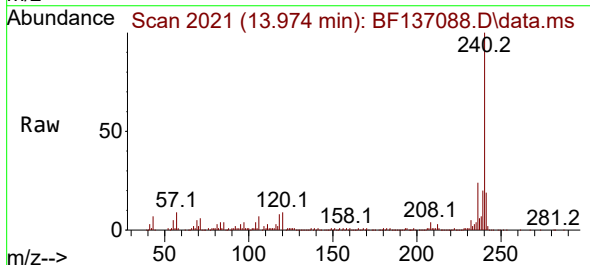
Instrument :
BNA_F
ClientSampleId :
6TH-FLOOR-SAMPLE-04

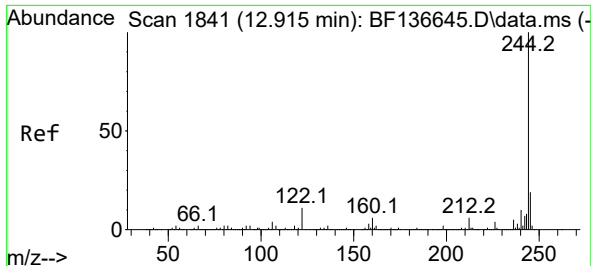
Tgt Ion:202 Resp: 22718
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.3
203 16.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

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

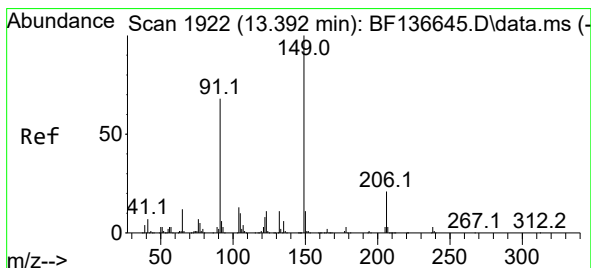
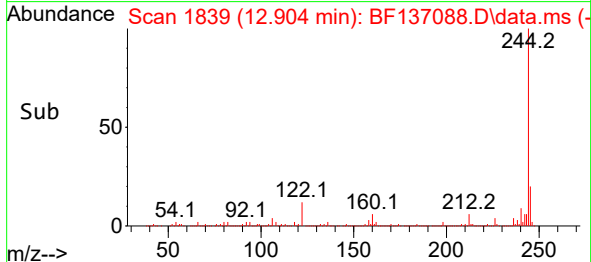
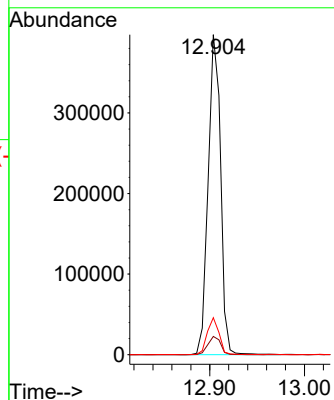
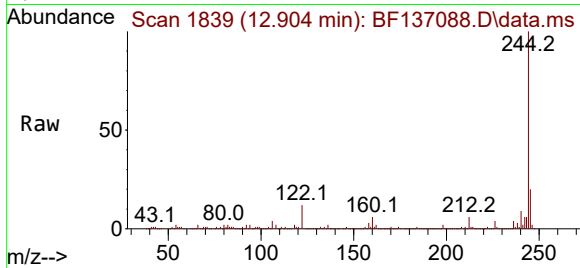




#79
 Terphenyl-d14
 Concen: 41.618 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137088.D
 Acq: 16 Jan 2024 19:37

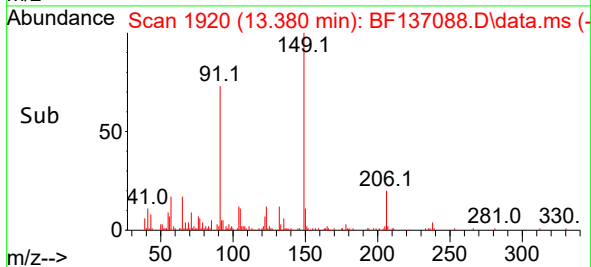
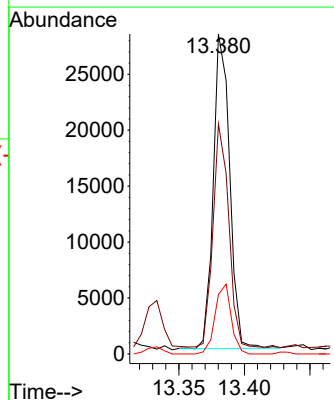
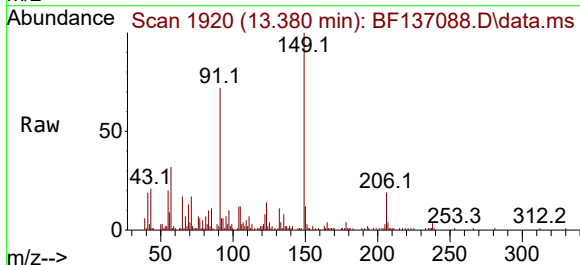
Instrument :
 BNA_F
 ClientSampleId :
 6TH-FLOOR-SAMPLE-04

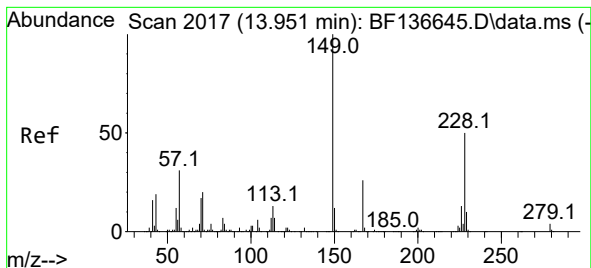
Tgt Ion:244 Resp: 360978
 Ion Ratio Lower Upper
 244 100
 212 5.7 5.0 7.4
 122 11.5 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 5.648 ng
 RT: 13.380 min Scan# 1920
 Delta R.T. -0.012 min
 Lab File: BF137088.D
 Acq: 16 Jan 2024 19:37

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

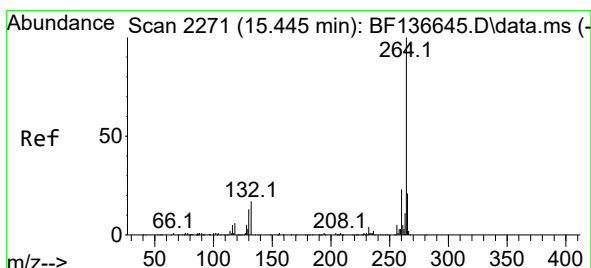
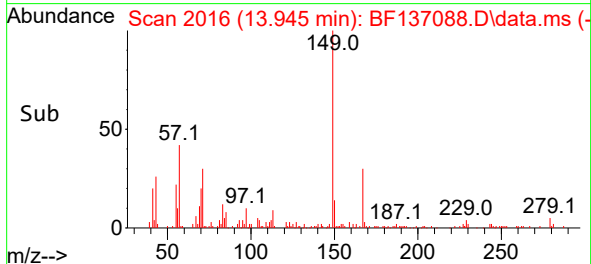
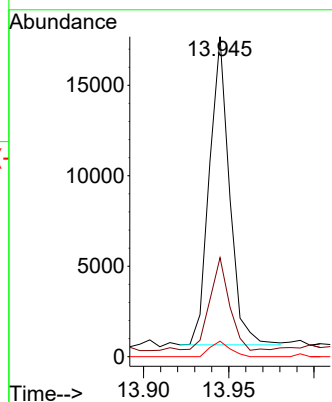
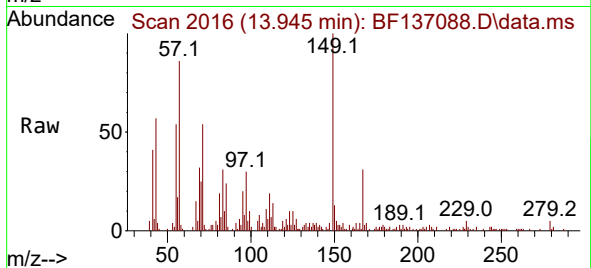




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.558 ng
RT: 13.945 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

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

Tgt Ion: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# 2274
Delta R.T. 0.018 min
Lab File: BF137088.D
Acq: 16 Jan 2024 19:37

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

