

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011624\
 Data File : BF137089.D
 Acq On : 16 Jan 2024 20:06
 Operator : CG\JU
 Sample : P1146-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3RD-FLOOR-SAMPLE-01

Quant Time: Jan 17 02:02:46 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)

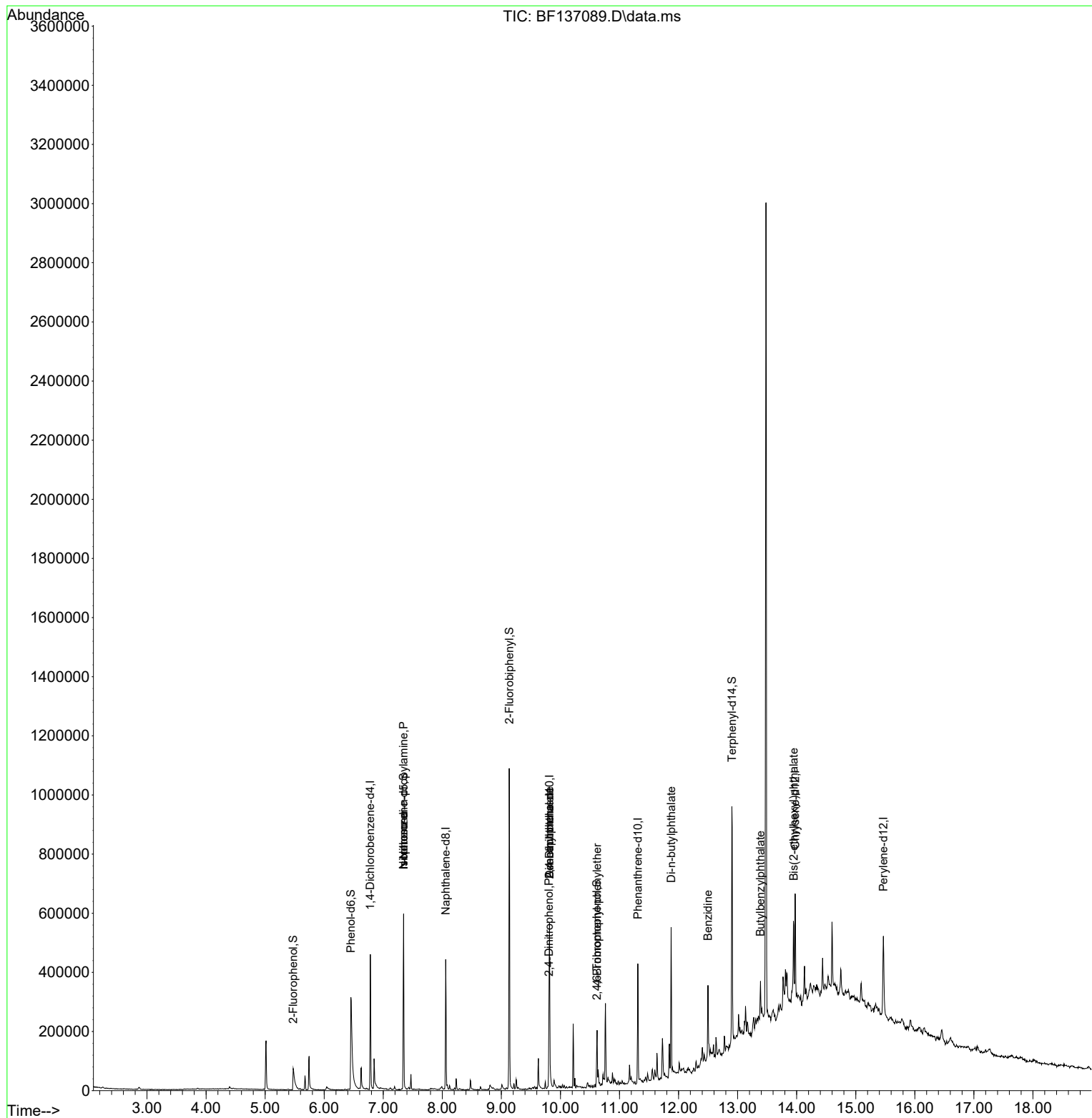
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	50173	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	185005	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	85007	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	140535	20.000	ng	0.00
76) Chrysene-d12	13.974	240	111714	20.000	ng	0.00
86) Perylene-d12	15.468	264	119300	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	48051	14.943	ng	0.05
7) Phenol-d6	6.451	99	218136	52.352	ng	0.01
23) Nitrobenzene-d5	7.345	82	168662	46.651	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	9203	9.192	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	328298	51.943	ng	-0.02
79) Terphenyl-d14	12.904	244	293491	36.714	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	21427	8.483	ng	# 74
25) Isophorone	7.345	82	168660	25.638	ng	# 65
50) Dimethylphthalate	9.816	163	16614	2.676	ng	# 1
54) 2,4-Dinitrophenol	9.804	184	61	3.809	ng	# 26
57) 2,4-Dinitrotoluene	9.816	165	11056	6.044	ng	# 23
67) 4-Bromophenyl-phenylether	10.622	248	3820	2.448	ng	# 22
74) Di-n-butylphthalate	11.874	149	223914	26.651	ng	100
77) Benzidine	12.498	184	100924	30.639	ng	# 85
80) Butylbenzylphthalate	13.386	149	25076	6.284	ng	97
84) Bis(2-ethylhexyl)phtha...	13.951	149	67012	13.347	ng	# 97

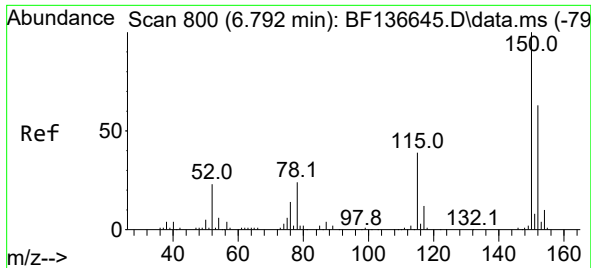
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 21 01:54:25 2023
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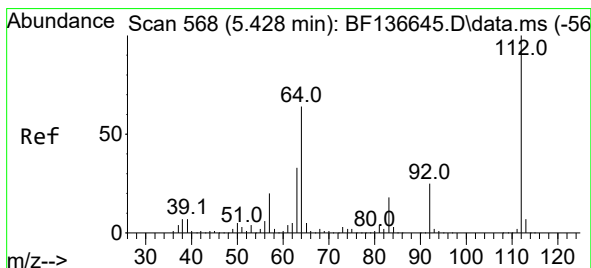
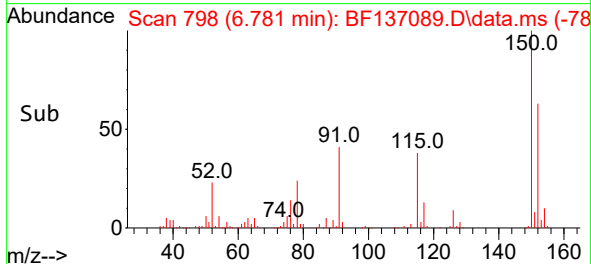
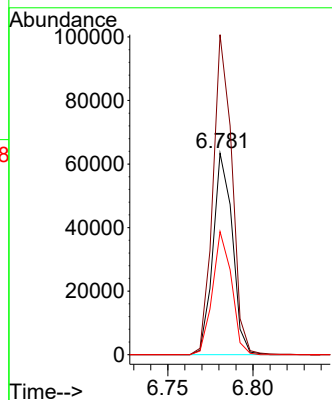
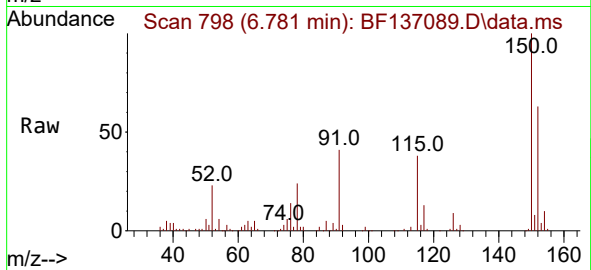




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

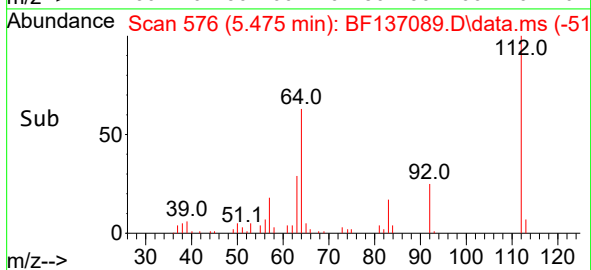
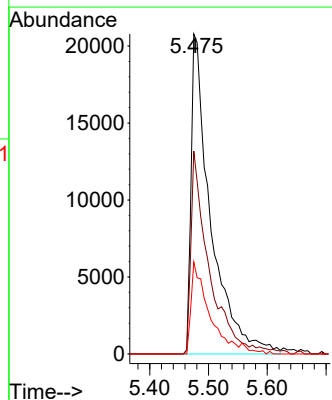
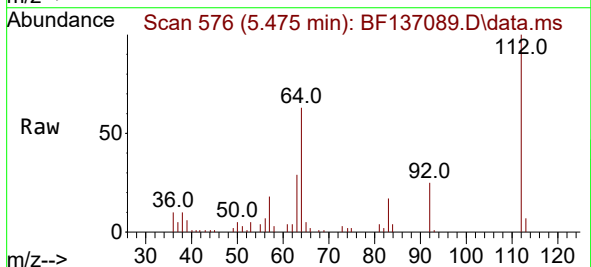
Instrument :
BNA_F
ClientSampleId :
3RD-FLOOR-SAMPLE-01

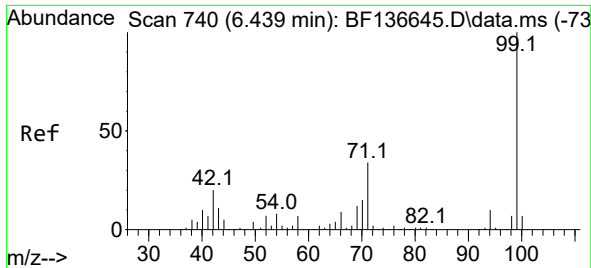
Tgt Ion:152 Resp: 50173
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 14.943 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.047 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

Tgt Ion:112 Resp: 48051
Ion Ratio Lower Upper
112 100
64 63.4 51.1 76.7
63 28.8 26.1 39.1

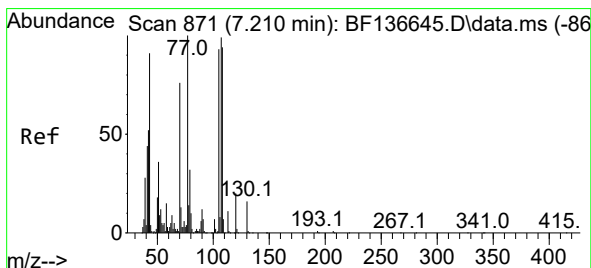
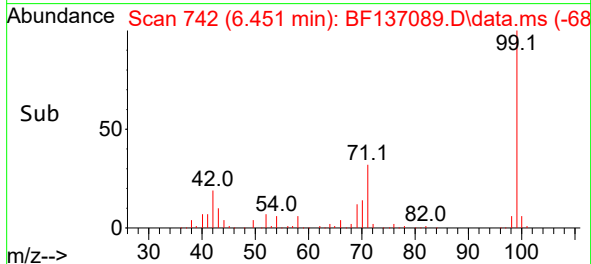
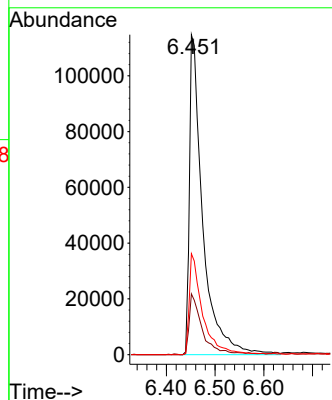
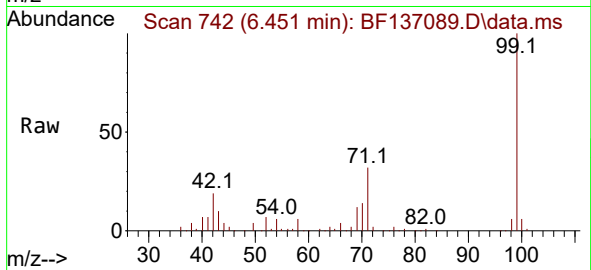




#7
Phenol-d6
Concen: 52.352 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

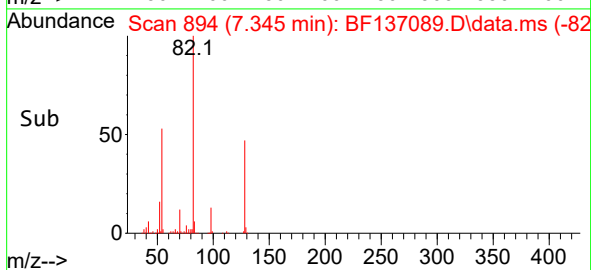
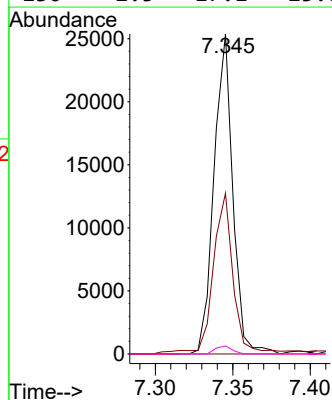
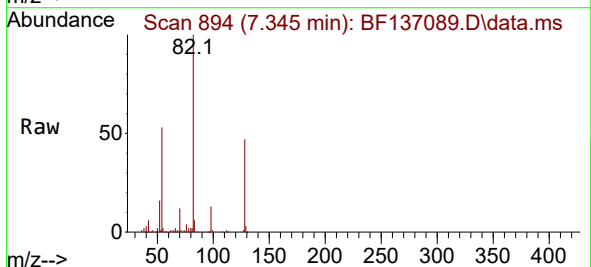
Instrument :
BNA_F
ClientSampleId :
3RD-FLOOR-SAMPLE-01

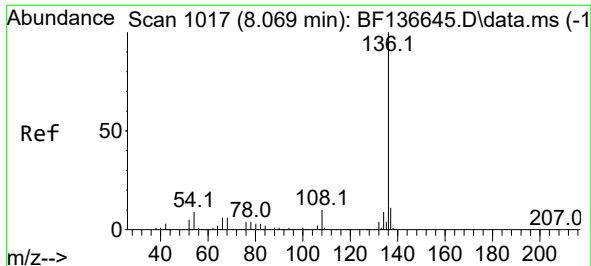
Tgt Ion: 99 Resp: 218136
Ion Ratio Lower Upper
99 100
42 19.0 16.1 24.1
71 31.6 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.483 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

Tgt Ion: 70 Resp: 21427
Ion Ratio Lower Upper
70 100
42 50.3 54.2 81.4#
101 0.0 7.6 11.4#
130 2.5 17.1 25.7#

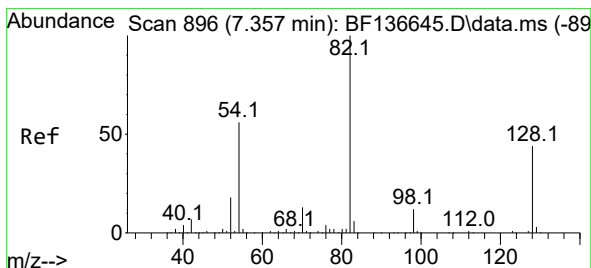
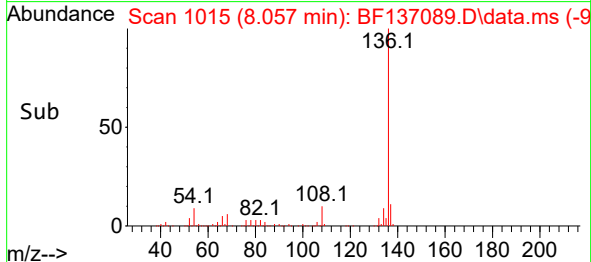
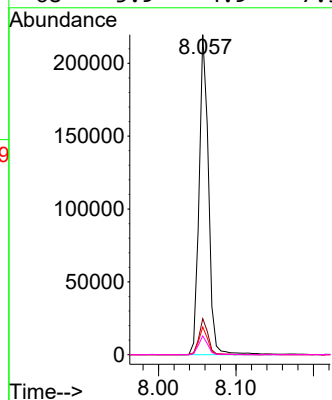
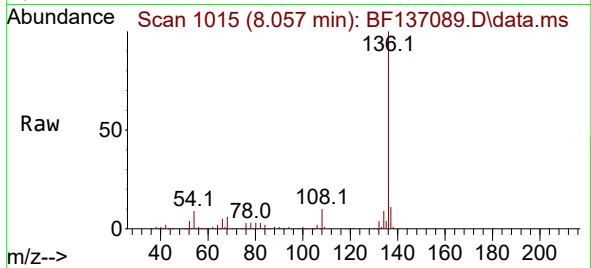




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

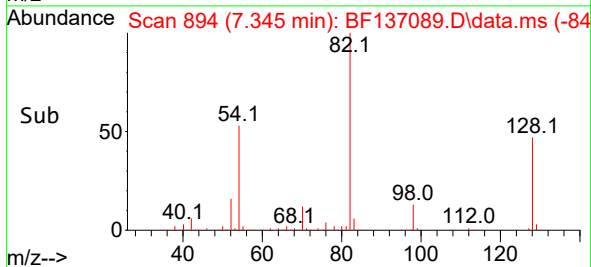
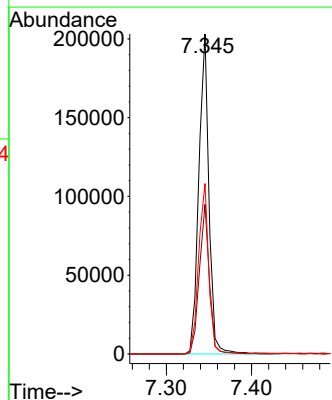
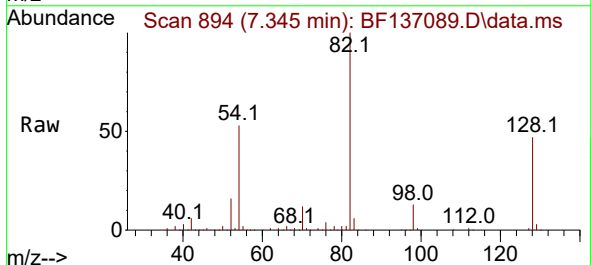
Instrument :
BNA_F
ClientSampleId :
3RD-FLOOR-SAMPLE-01

Tgt Ion:	136	Resp:	185005
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.7	7.2	10.8
68	5.9	4.9	7.3



#23
Nitrobenzene-d5
Concen: 46.651 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

Tgt Ion:	82	Resp:	168662
Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.3	52.9
54	53.3	44.5	66.7

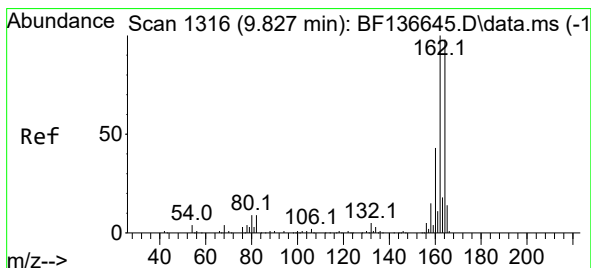
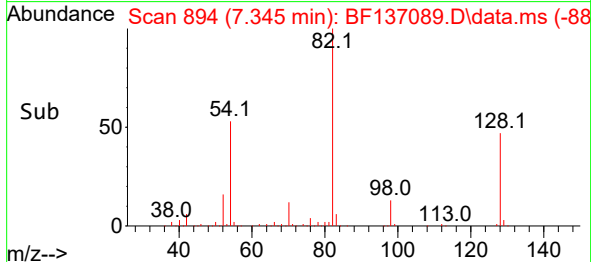
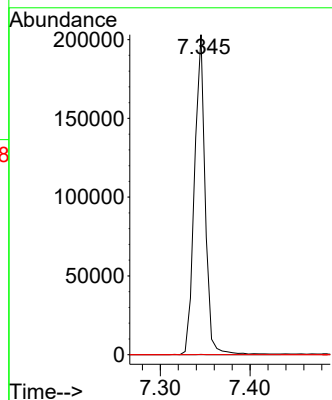
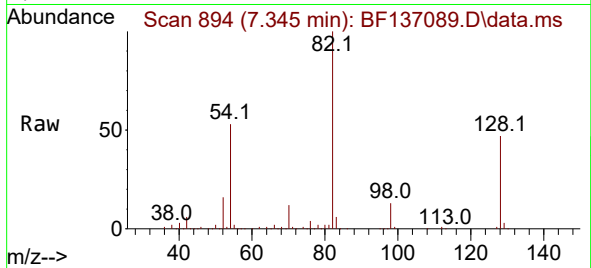




#25
Isophorone
Concen: 25.638 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

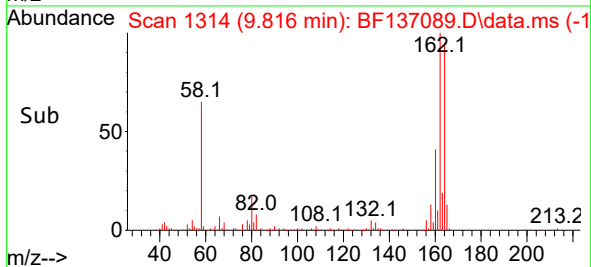
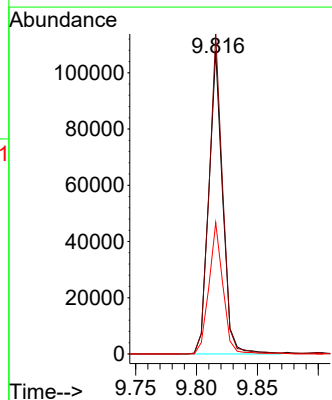
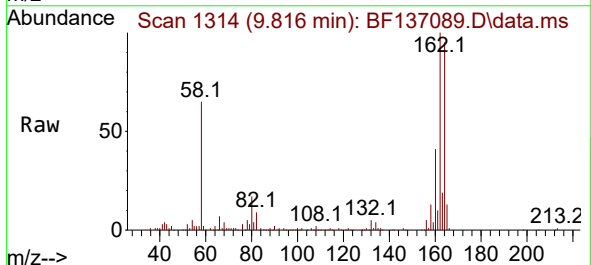
Instrument :
BNA_F
ClientSampleId :
3RD-FLOOR-SAMPLE-01

Tgt Ion: 82 Resp: 168660
Ion Ratio Lower Upper
82 100
95 0.1 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: BF137089.D
Acq: 16 Jan 2024 20:06

Tgt Ion: 164 Resp: 85007
Ion Ratio Lower Upper
164 100
162 105.6 81.6 122.4
160 43.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 9.192 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137089.D

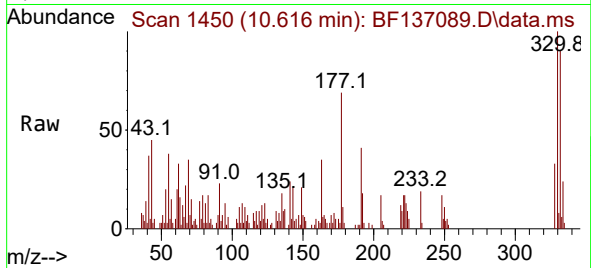
Acq: 16 Jan 2024 20:06

Instrument :

BNA_F

ClientSampleId :

3RD-FLOOR-SAMPLE-01



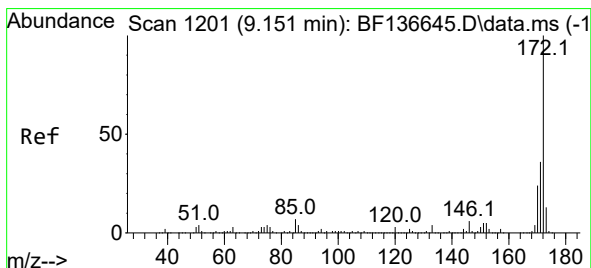
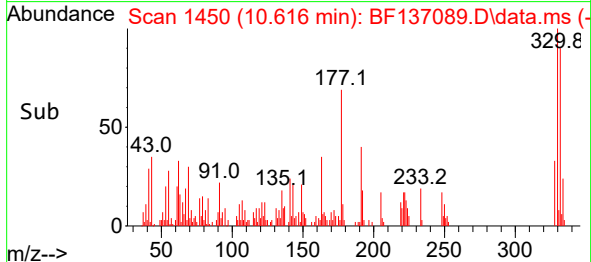
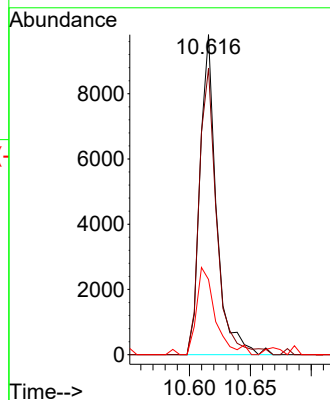
Tgt Ion:330 Resp: 9203

Ion Ratio Lower Upper

330 100

332 94.7 77.4 116.0

141 31.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 51.943 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF137089.D

Acq: 16 Jan 2024 20:06

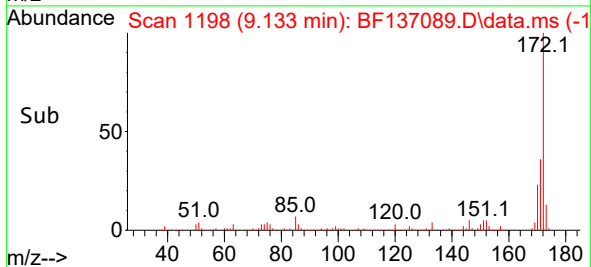
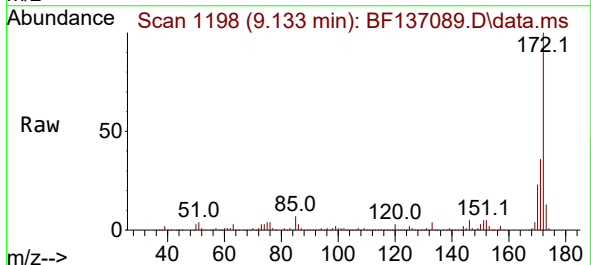
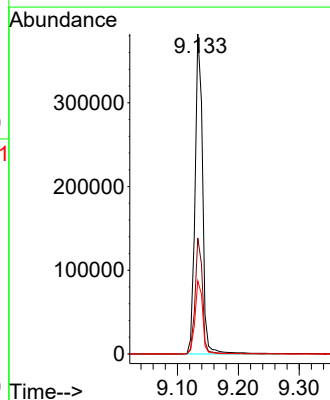
Tgt Ion:172 Resp: 328298

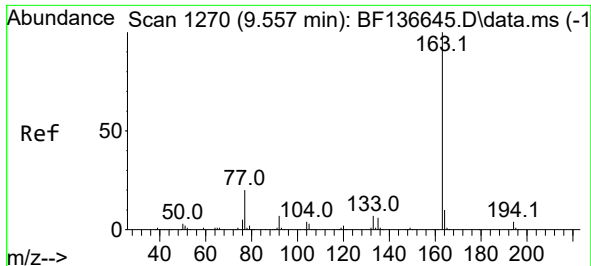
Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.6

170 22.8 19.0 28.4

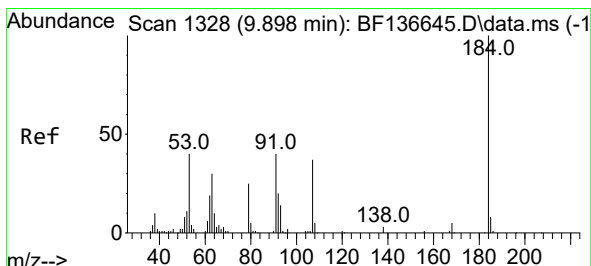
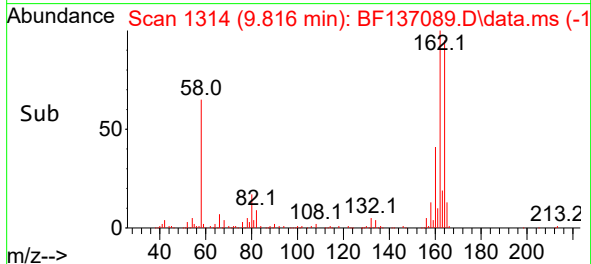
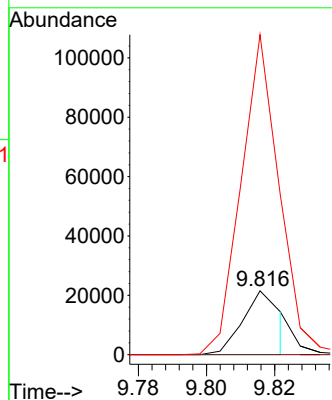
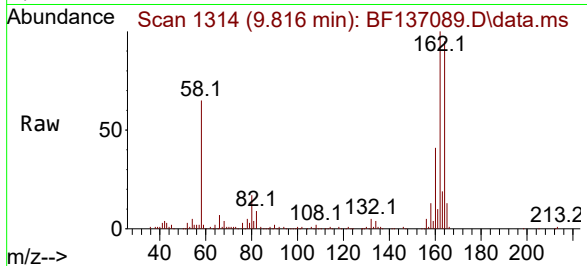




#50
Dimethylphthalate
Concen: 2.676 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

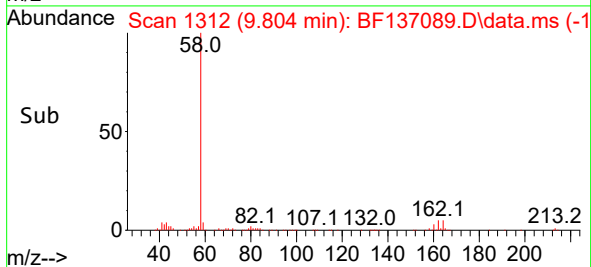
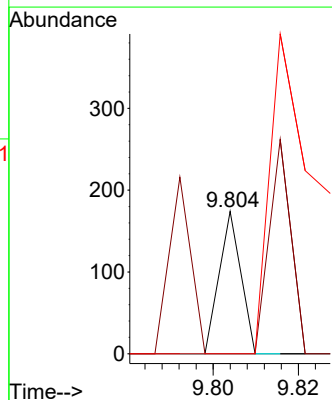
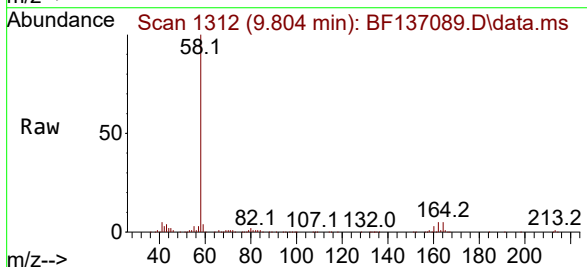
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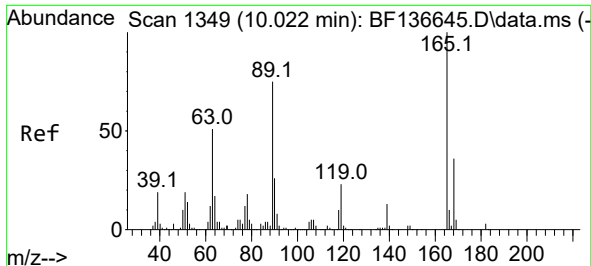
Tgt Ion:163 Resp: 16614
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 501.2 7.8 11.6#



#54
2,4-Dinitrophenol
Concen: 3.809 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.094 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

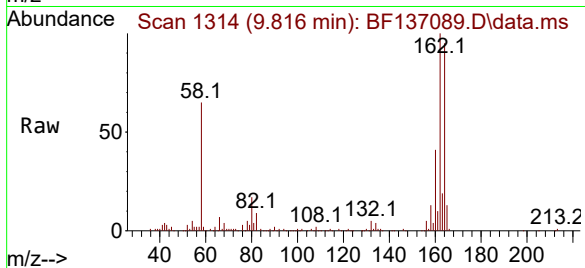
Tgt Ion:184 Resp: 61
Ion Ratio Lower Upper
184 100
63 0.0 40.9 61.3#
154 0.0 42.7 64.1#



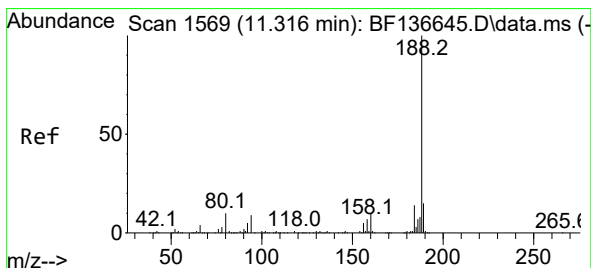
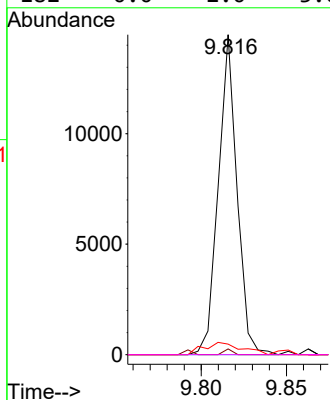
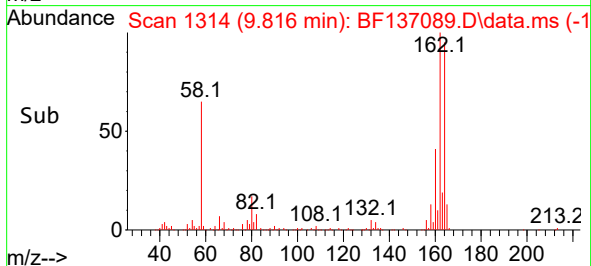


#57
2,4-Dinitrotoluene
Concen: 6.044 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

Instrument :
BNA_F
ClientSampleId :
3RD-FLOOR-SAMPLE-01

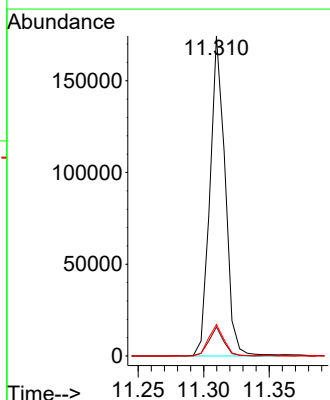
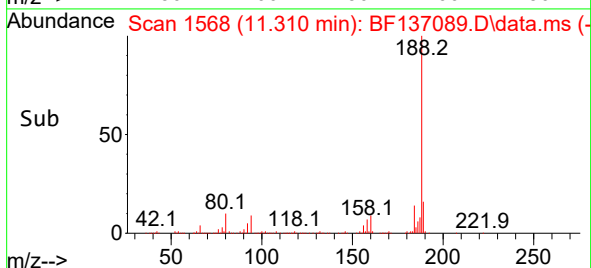
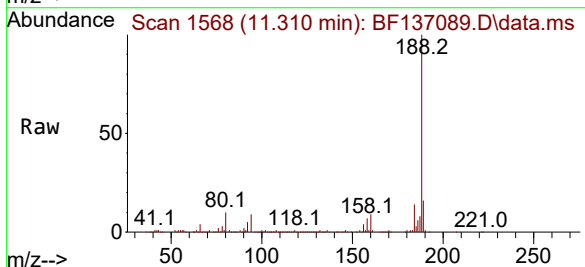


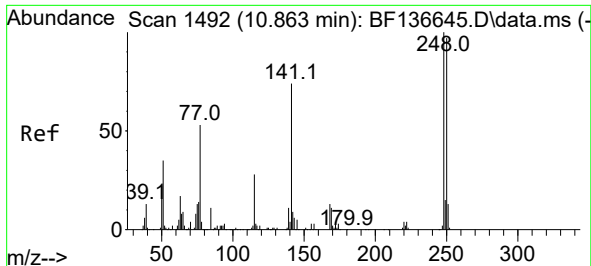
Tgt Ion:165 Resp: 11056
Ion Ratio Lower Upper
165 100
63 1.8 41.0 61.6#
89 3.3 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

Tgt Ion:188 Resp: 140535
Ion Ratio Lower Upper
188 100
94 9.0 7.5 11.3
80 9.8 8.1 12.1

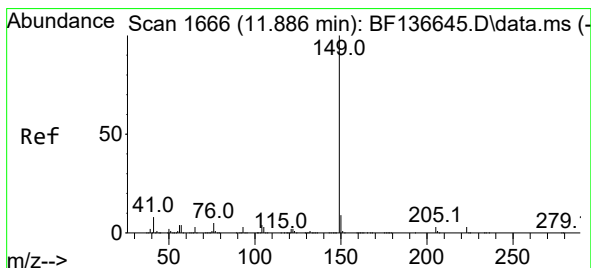
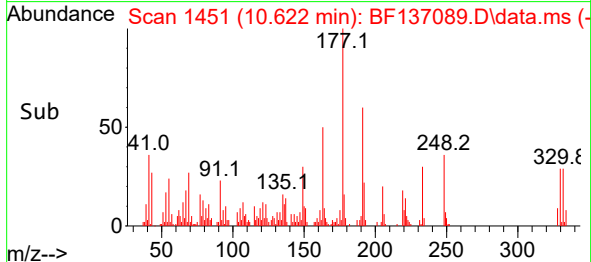
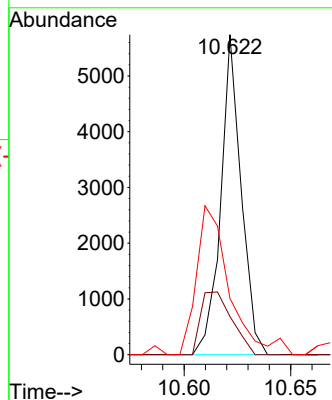
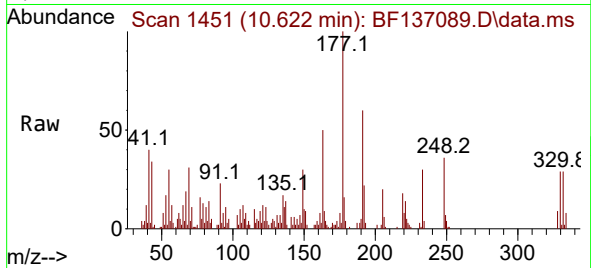




#67
4-Bromophenyl-phenylether
Concen: 2.448 ng
RT: 10.622 min Scan# 1492
Delta R.T. -0.241 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

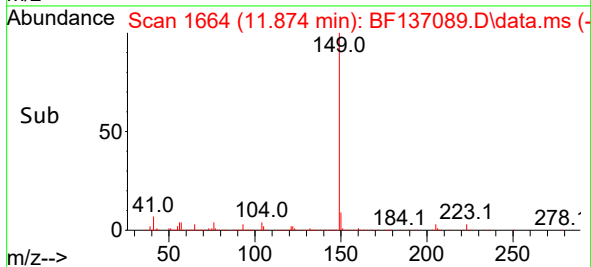
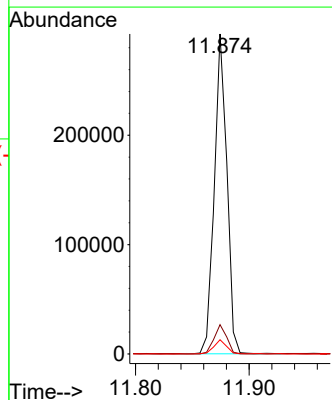
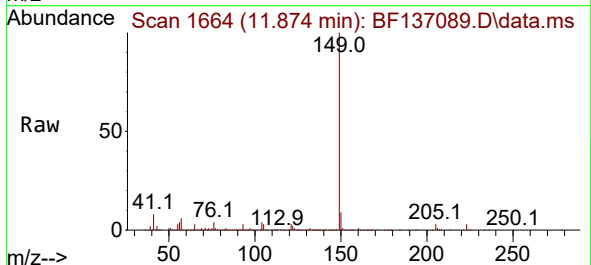
Instrument :
BNA_F
ClientSampleId :
3RD-FLOOR-SAMPLE-01

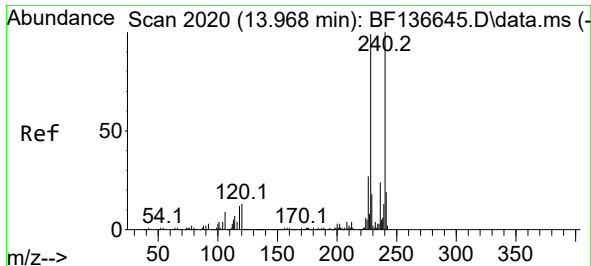
Tgt Ion:248 Resp: 3820
Ion Ratio Lower Upper
248 100
250 11.9 77.8 116.6#
141 17.6 59.2 88.8#



#74
Di-n-butylphthalate
Concen: 26.651 ng
RT: 11.874 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

Tgt Ion:149 Resp: 223914
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 4.5 3.6 5.4

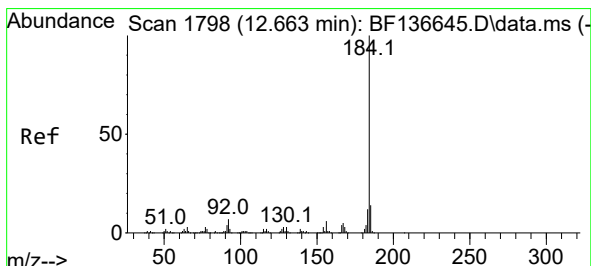
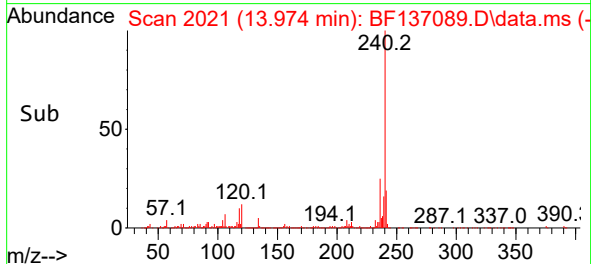
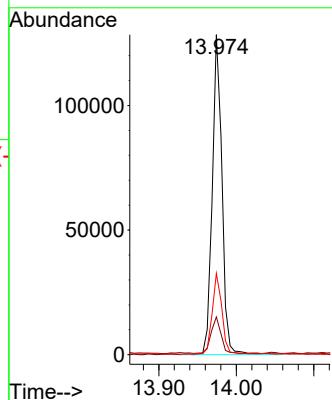
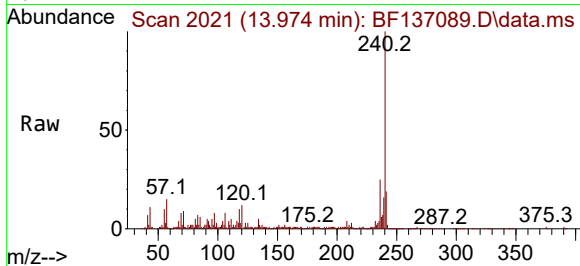




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

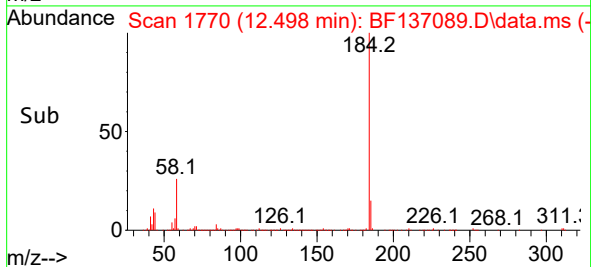
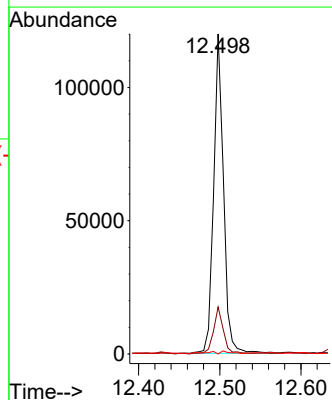
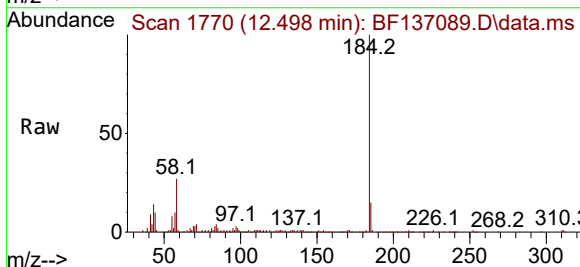
Instrument :
BNA_F
ClientSampleId :
3RD-FLOOR-SAMPLE-01

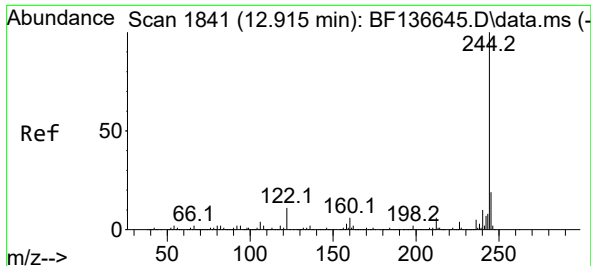
Tgt Ion:240 Resp: 111714
Ion Ratio Lower Upper
240 100
120 11.8 10.3 15.5
236 25.4 19.4 29.2



#77
Benzidine
Concen: 30.639 ng
RT: 12.498 min Scan# 1770
Delta R.T. -0.165 min
Lab File: BF137089.D
Acq: 16 Jan 2024 20:06

Tgt Ion:184 Resp: 100924
Ion Ratio Lower Upper
184 100
185 14.7 11.2 16.8
183 0.0 9.3 13.9#

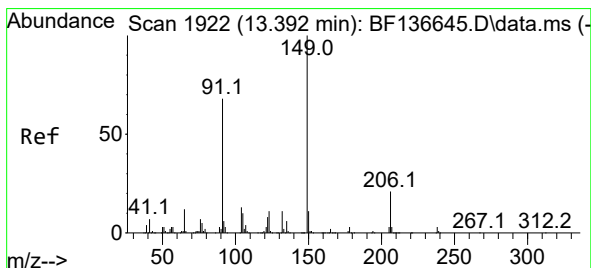
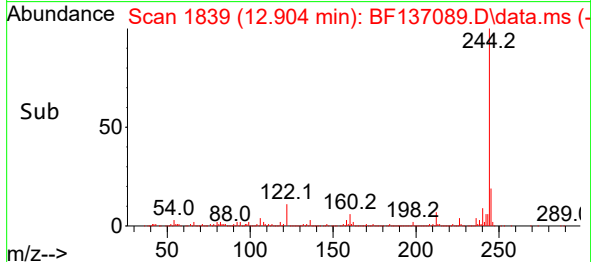
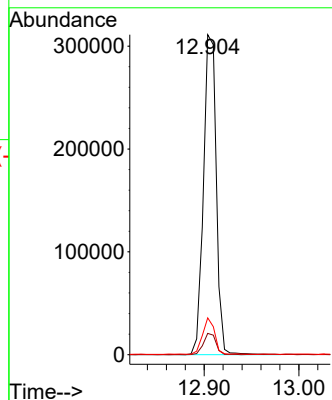
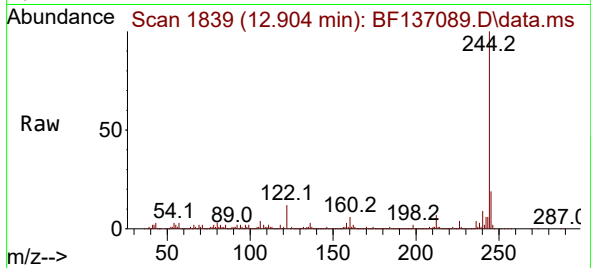




#79
 Terphenyl-d14
 Concen: 36.714 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137089.D
 Acq: 16 Jan 2024 20:06

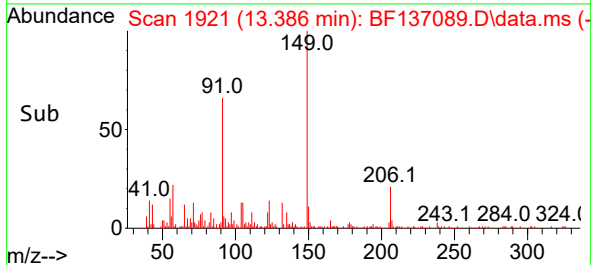
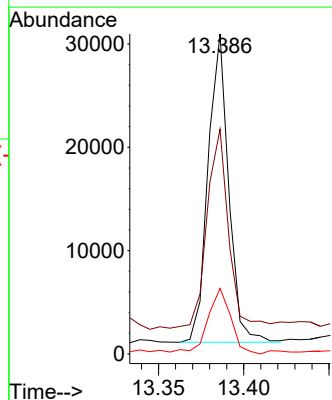
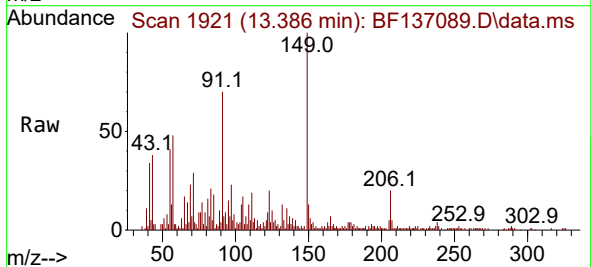
Instrument :
 BNA_F
 ClientSampleId :
 3RD-FLOOR-SAMPLE-01

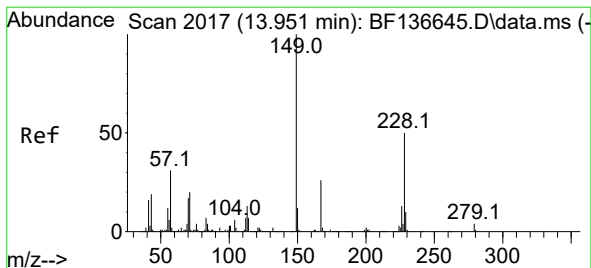
Tgt Ion:244 Resp: 293491
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.0 7.4
 122 11.5 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 6.284 ng
 RT: 13.386 min Scan# 1921
 Delta R.T. -0.006 min
 Lab File: BF137089.D
 Acq: 16 Jan 2024 20:06

Tgt Ion:149 Resp: 25076
 Ion Ratio Lower Upper
 149 100
 91 70.3 54.1 81.1
 206 20.5 17.1 25.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 13.347 ng

RT: 13.951 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF137089.D

Acq: 16 Jan 2024 20:06

Instrument :

BNA_F

ClientSampleId :

3RD-FLOOR-SAMPLE-01

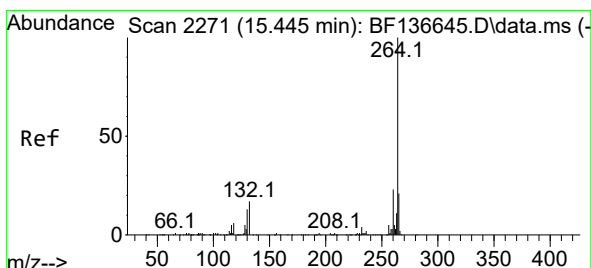
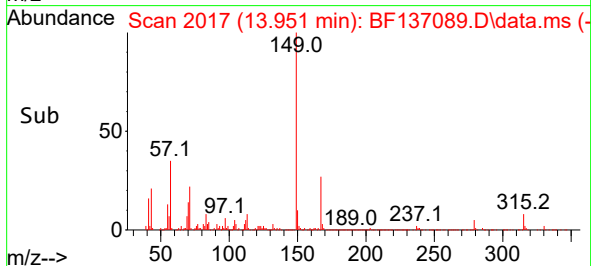
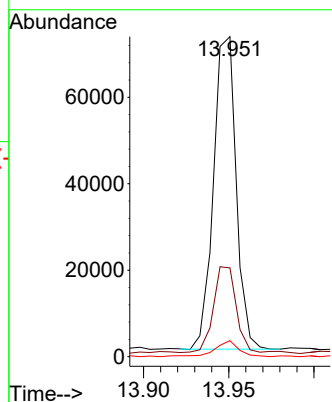
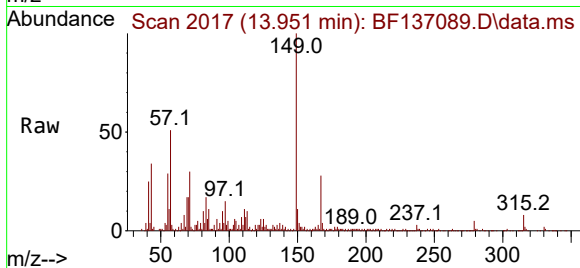
Tgt Ion:149 Resp: 67012

Ion Ratio Lower Upper

149 100

167 27.8 20.9 31.3

279 5.0 2.9 4.3#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. 0.024 min

Lab File: BF137089.D

Acq: 16 Jan 2024 20:06

Tgt Ion:264 Resp: 119300

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 22.1 17.0 25.6

