

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072524\
 Data File : BF138660.D
 Acq On : 25 Jul 2024 18:52
 Operator : RC/JU
 Sample : P3353-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STAINED-PADS

Quant Time: Jul 26 01:13:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

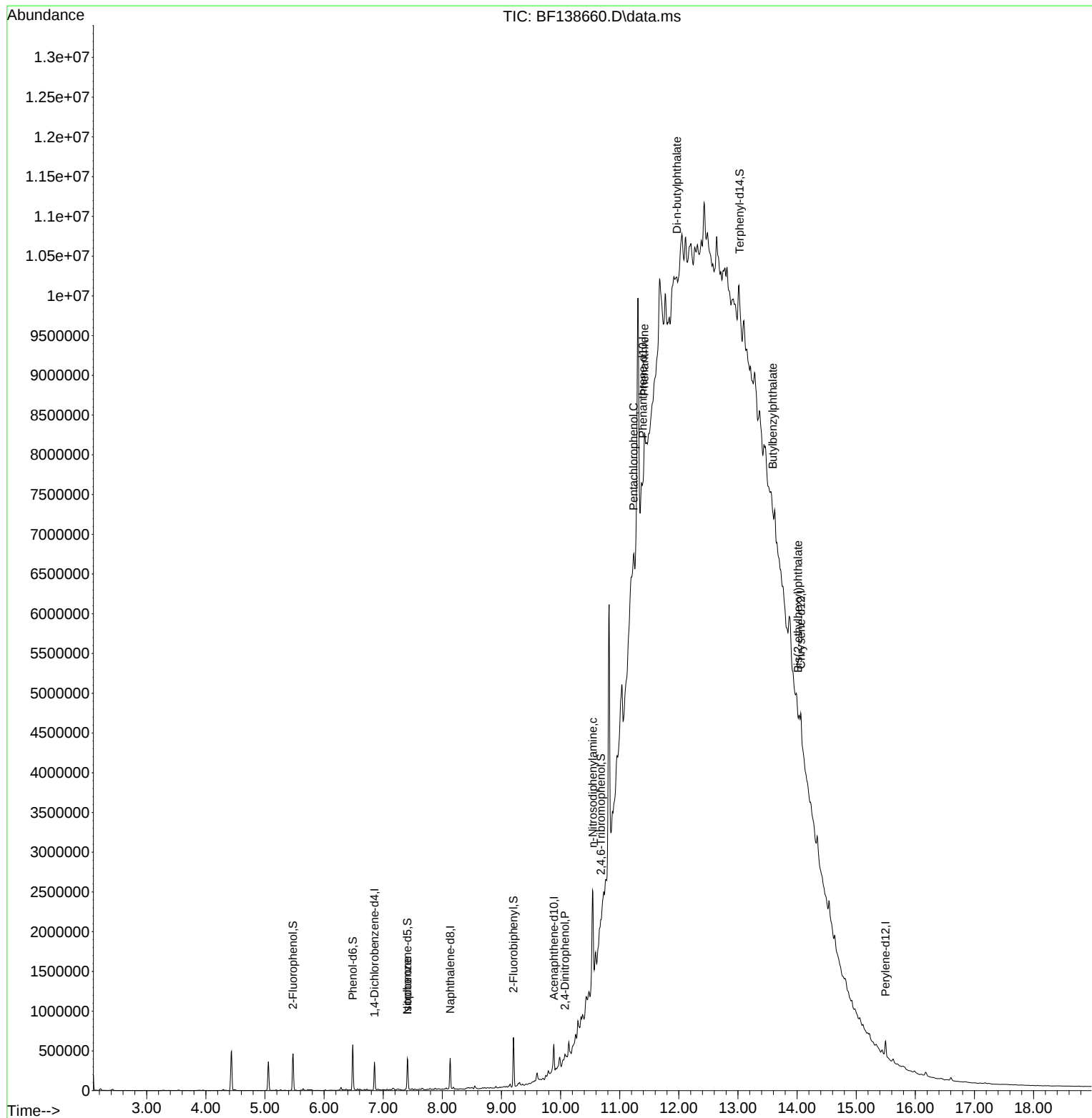
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	65333	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	223949	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	100230	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	129178	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	134416	20.000	ng	# 0.04
86) Perylene-d12	15.498	264	99364	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	156479	37.933	ng	-0.02
7) Phenol-d6	6.487	99	243352	44.345	ng	-0.02
23) Nitrobenzene-d5	7.410	82	165514	36.287	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	30064	32.094	ng	-0.01
45) 2-Fluorobiphenyl	9.204	172	247813	38.642	ng	-0.02
79) Terphenyl-d14	13.027	244	206312	25.005	ng	0.05
Target Compounds						
25) Isophorone	7.410	82	163660	20.893	ng	# 68
54) 2,4-Dinitrophenol	10.075	184	54	4.731	ng	# 1
66) n-Nitrosodiphenylamine	10.545	169	19402	5.013	ng	# 59
70) Pentachlorophenol	11.233	266	6350	7.276	ng	# 43
71) Phenanthrene	11.416	178	25986	3.982	ng	# 1
74) Di-n-butylphthalate	11.969	149	42864	6.387	ng	# 21
80) Butylbenzylphthalate	13.592	149	13857	3.376	ng	# 30
84) Bis(2-ethylhexyl)phtha...	14.015	149	17692	4.041	ng	# 55

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

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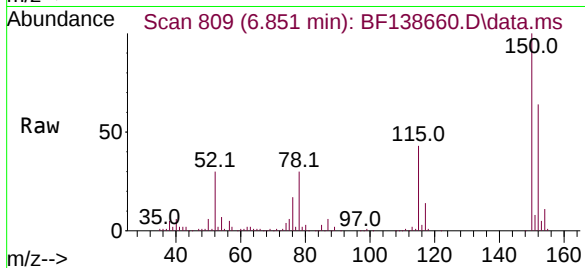
Quant Time: Jul 26 01:13:08 2024
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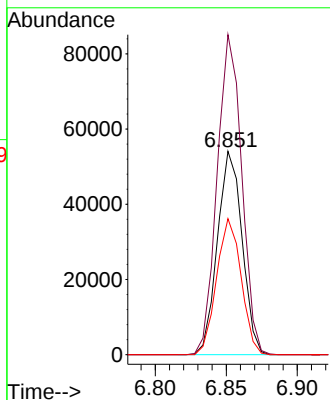
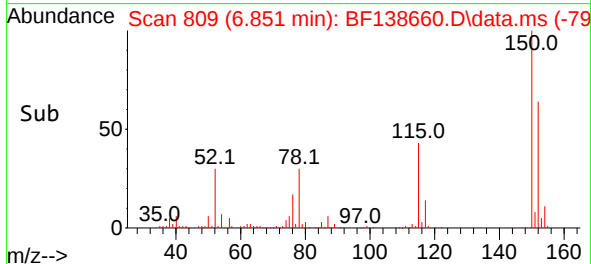


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52

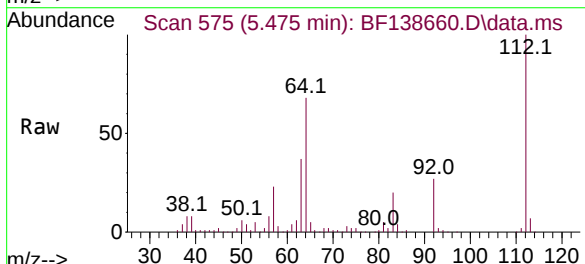
Instrument :
BNA_F
ClientSampleId :
STAINED-PADS



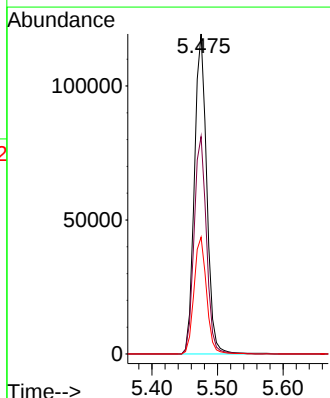
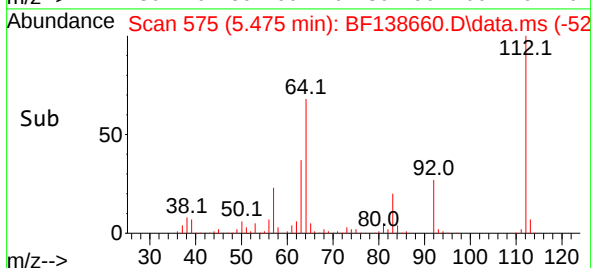
Tgt Ion:152 Resp: 65333
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.4
115 66.9 50.3 75.5



#5
2-Fluorophenol
Concen: 37.933 ng
RT: 5.475 min Scan# 575
Delta R.T. -0.018 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52



Tgt Ion:112 Resp: 156479
Ion Ratio Lower Upper
112 100
64 67.9 55.1 82.7
63 36.5 29.0 43.6

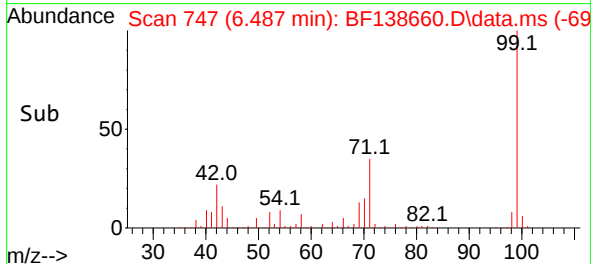
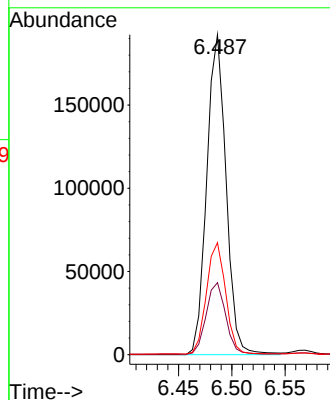
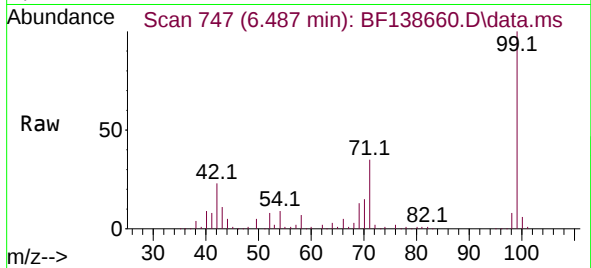




#7
Phenol-d6
Concen: 44.345 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52

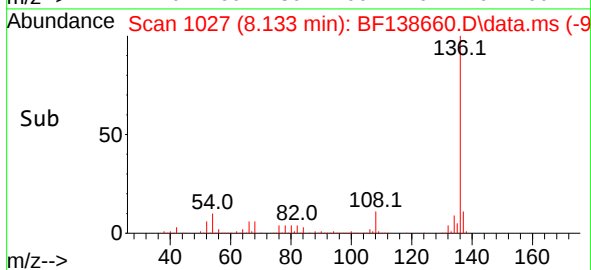
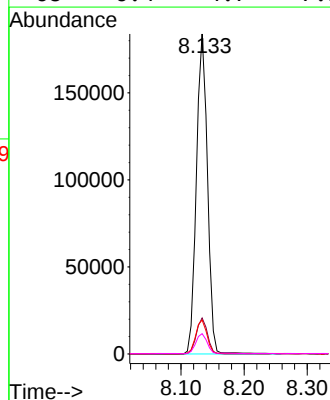
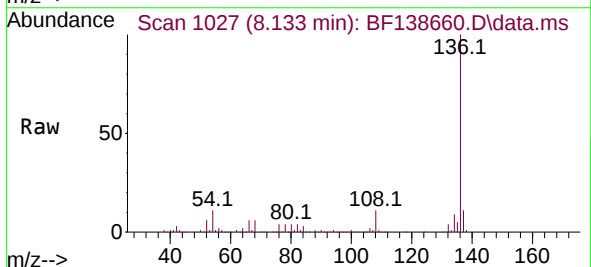
Instrument :
BNA_F
ClientSampleId :
STAINED-PADS

Tgt Ion: 99 Resp: 243352
Ion Ratio Lower Upper
99 100
42 22.5 19.7 29.5
71 35.0 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52

Tgt Ion:136 Resp: 223949
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 10.6 8.1 12.1
68 6.4 4.7 7.1





#23

Nitrobenzene-d5

Concen: 36.287 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.023 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

Instrument :

BNA_F

ClientSampleId :

STAINED-PADS

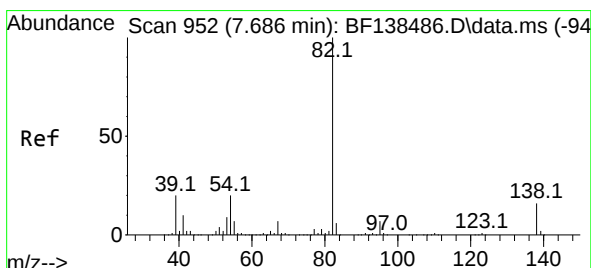
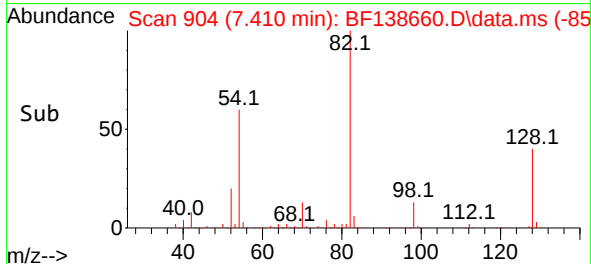
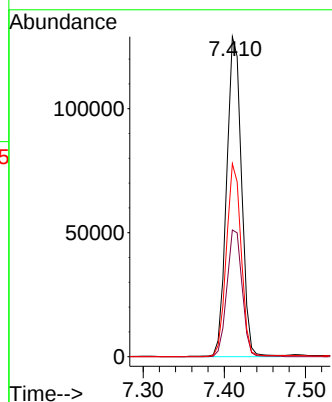
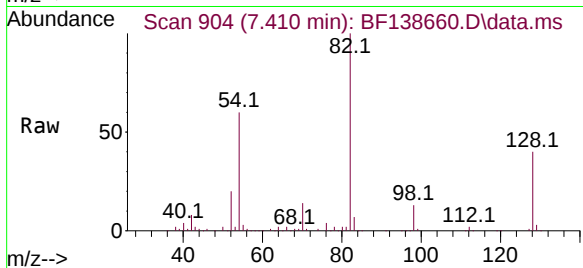
Tgt Ion: 82 Resp: 165514

Ion Ratio Lower Upper

82 100

128 39.6 32.3 48.5

54 60.3 51.4 77.0



#25

Isophorone

Concen: 20.893 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.276 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

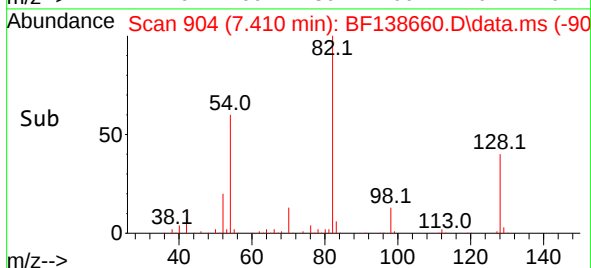
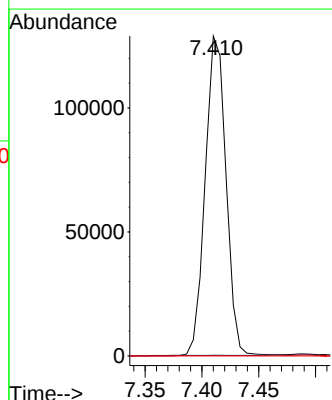
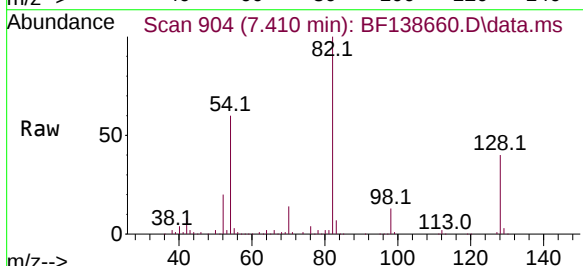
Tgt Ion: 82 Resp: 163660

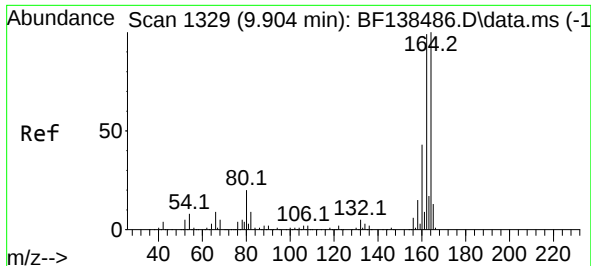
Ion Ratio Lower Upper

82 100

95 0.2 6.0 9.0#

138 0.0 12.8 19.2#

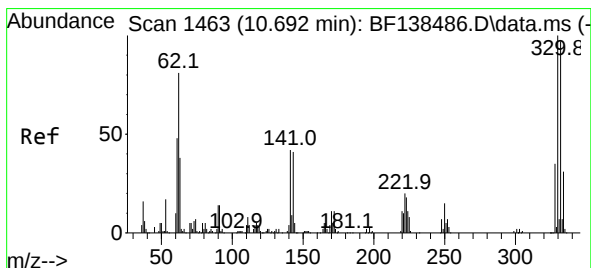
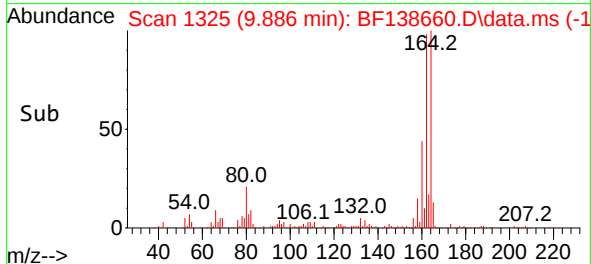
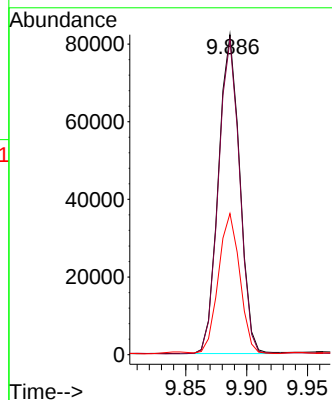
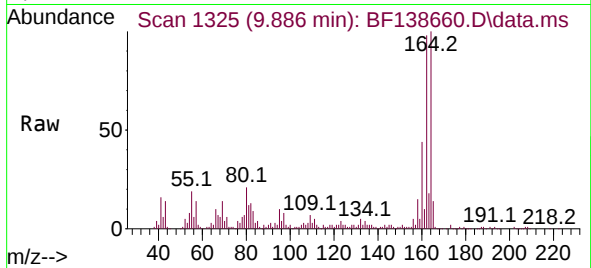




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52

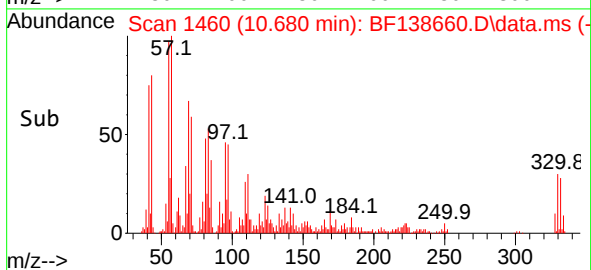
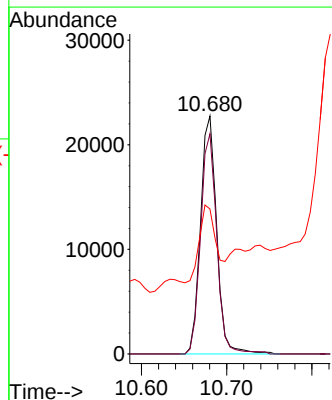
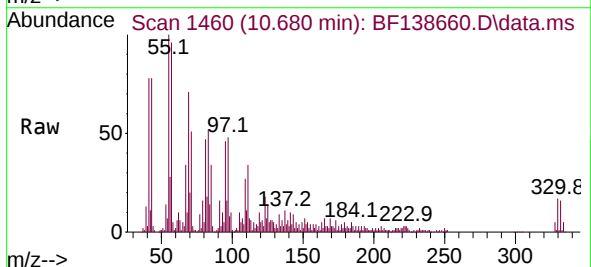
Instrument :
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STAINED-PADS

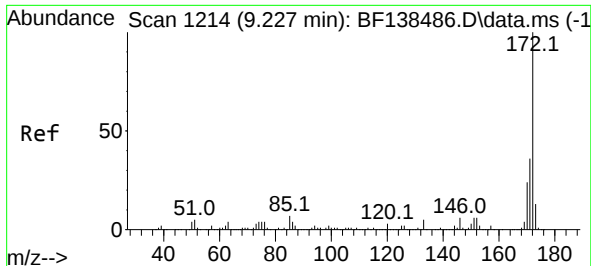
Tgt Ion:164 Resp: 100230
Ion Ratio Lower Upper
164 100
162 98.3 79.0 118.6
160 44.1 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 32.094 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52

Tgt Ion:330 Resp: 30064
Ion Ratio Lower Upper
330 100
332 92.2 76.8 115.2
141 34.2 29.4 44.2

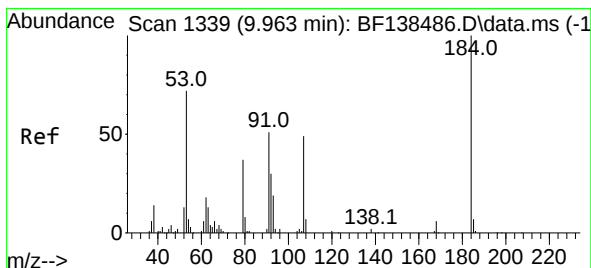
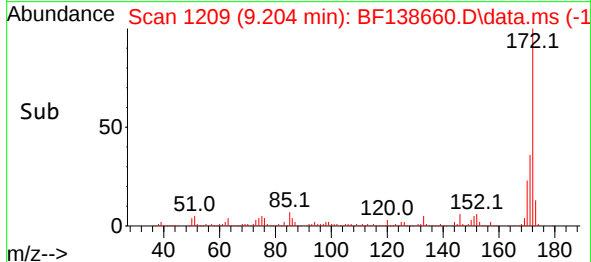
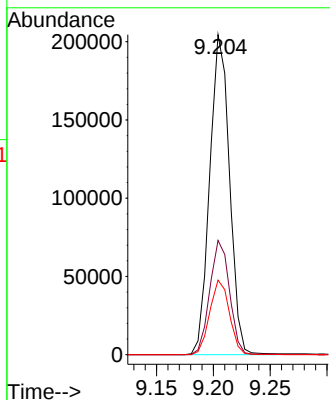
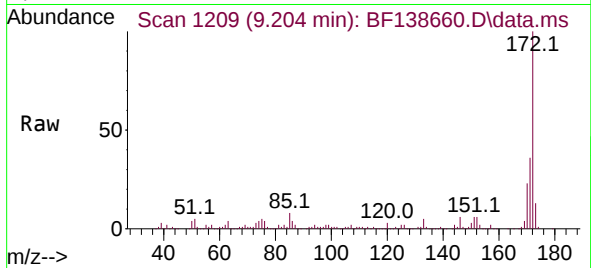




#45
2-Fluorobiphenyl
Concen: 38.642 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52

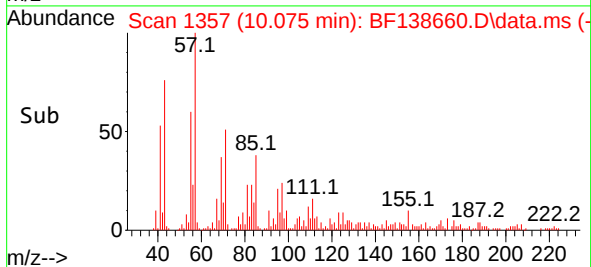
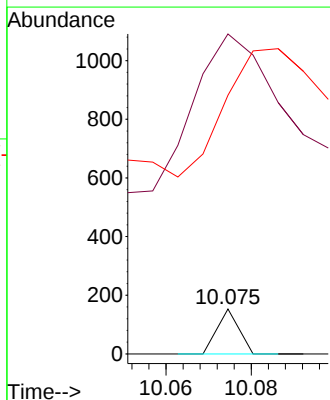
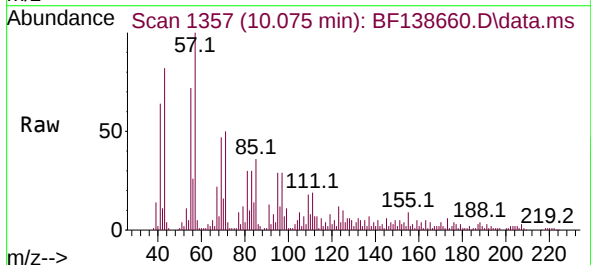
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BNA_F
ClientSampleId :
STAINED-PADS

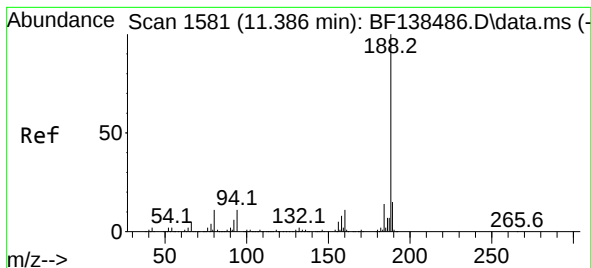
Tgt Ion:172 Resp: 247813
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.3 18.9 28.3



#54
2,4-Dinitrophenol
Concen: 4.731 ng
RT: 10.075 min Scan# 1357
Delta R.T. 0.112 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52

Tgt Ion:184 Resp: 54
Ion Ratio Lower Upper
184 100
63 713.1 70.6 106.0#
154 576.5 53.8 80.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

Instrument :

BNA_F

ClientSampleId :

STAINED-PADS

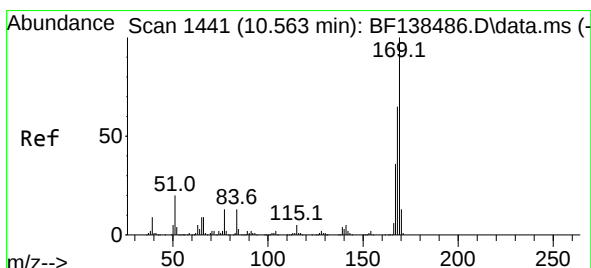
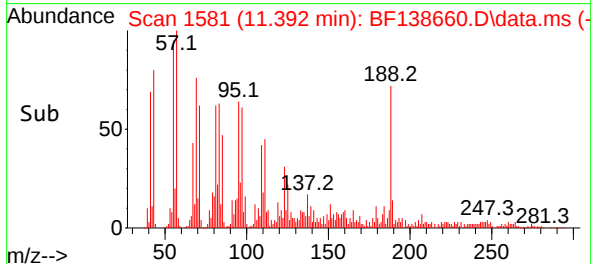
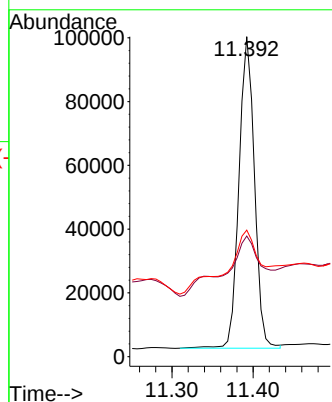
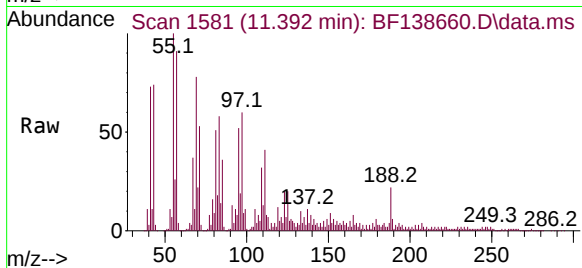
Tgt Ion:188 Resp: 129178

Ion Ratio Lower Upper

188 100

94 37.7 8.7 13.1#

80 39.5 9.0 13.4#



#66

n-Nitrosodiphenylamine

Concen: 5.013 ng

RT: 10.545 min Scan# 1437

Delta R.T. -0.018 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

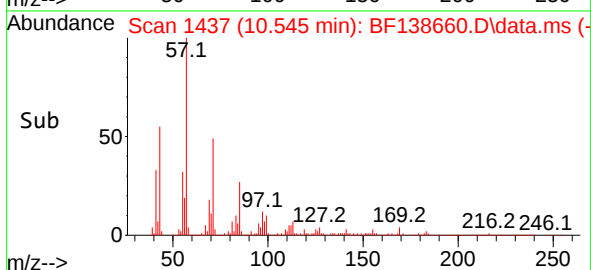
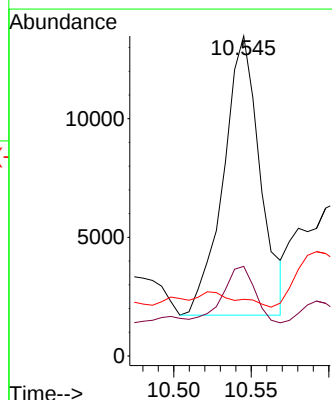
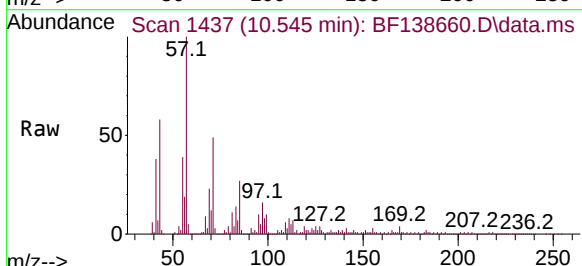
Tgt Ion:169 Resp: 19402

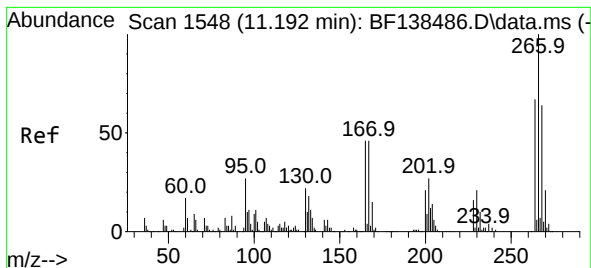
Ion Ratio Lower Upper

169 100

168 28.0 51.7 77.5#

167 17.7 28.5 42.7#





#70

Pentachlorophenol

Concen: 7.276 ng

RT: 11.233 min Scan# 1554

Delta R.T. 0.041 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

Instrument :

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ClientSampleId :

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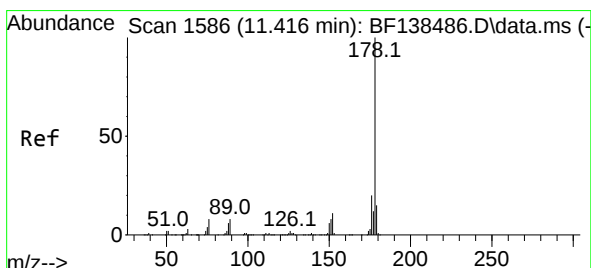
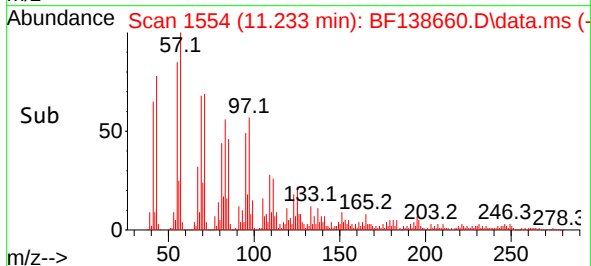
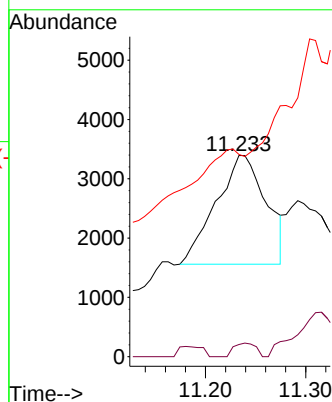
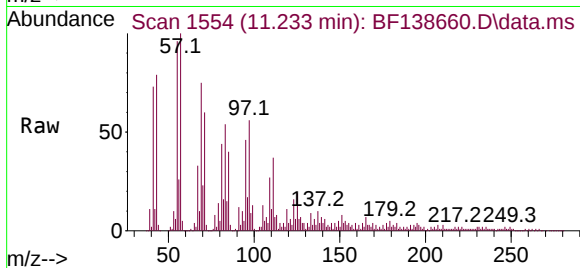
Tgt Ion:266 Resp: 6350

Ion Ratio Lower Upper

266 100

268 6.1 50.9 76.3#

264 100.5 53.5 80.3#



#71

Phenanthrene

Concen: 3.982 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

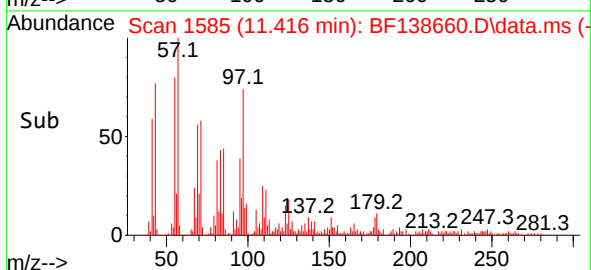
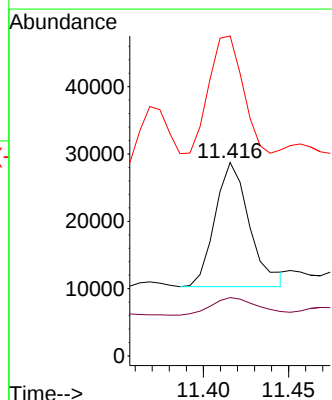
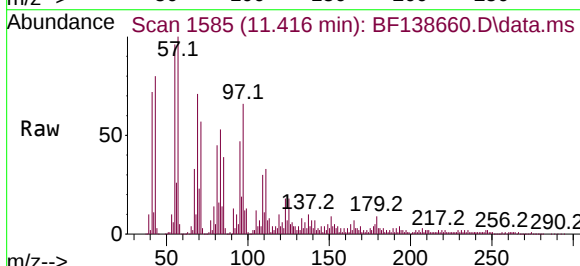
Tgt Ion:178 Resp: 25986

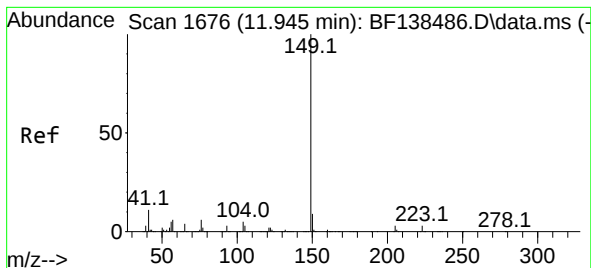
Ion Ratio Lower Upper

178 100

176 30.1 15.7 23.5#

179 165.4 12.2 18.2#





#74

Di-n-butylphthalate

Concen: 6.387 ng

RT: 11.969 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

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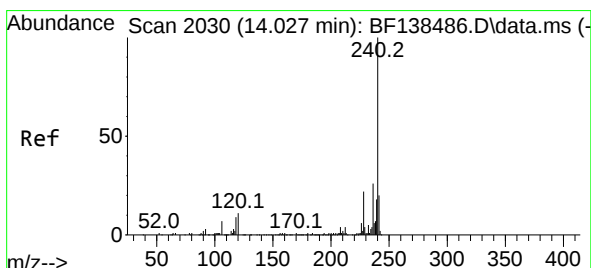
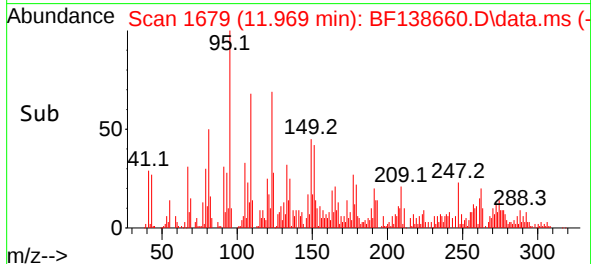
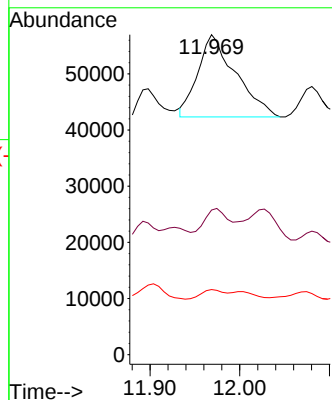
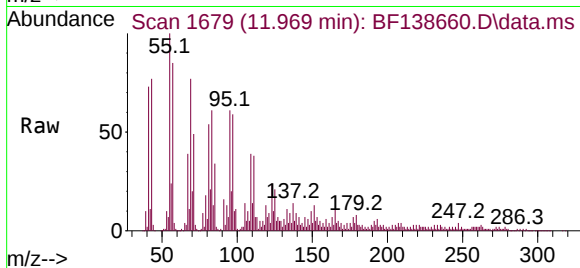
Tgt Ion:149 Resp: 42864

Ion Ratio Lower Upper

149 100

150 45.2 7.4 11.0#

104 20.4 4.4 6.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.035 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

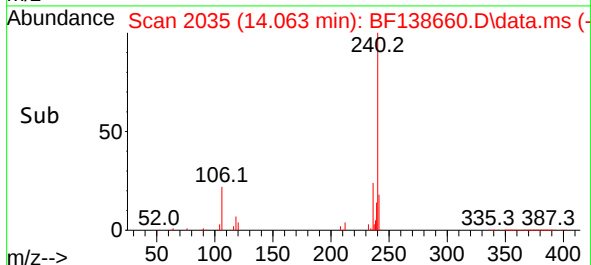
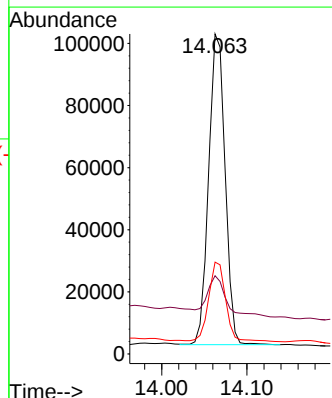
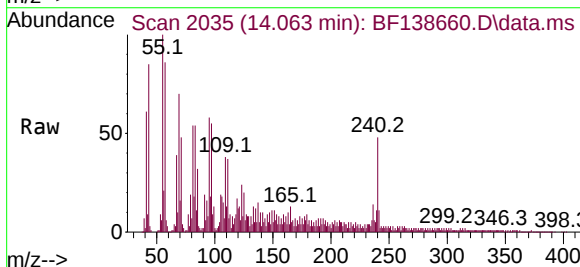
Tgt Ion:240 Resp: 134416

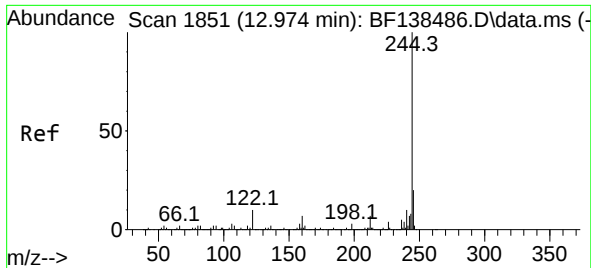
Ion Ratio Lower Upper

240 100

120 24.5 8.6 12.8#

236 28.7 21.0 31.6

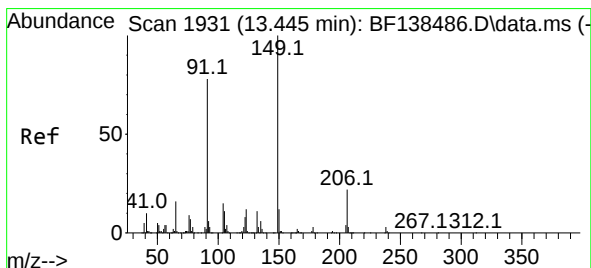
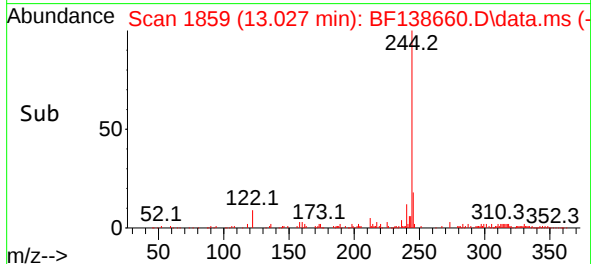
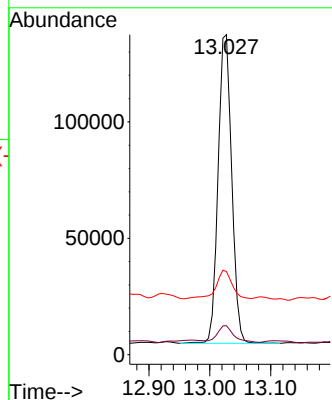
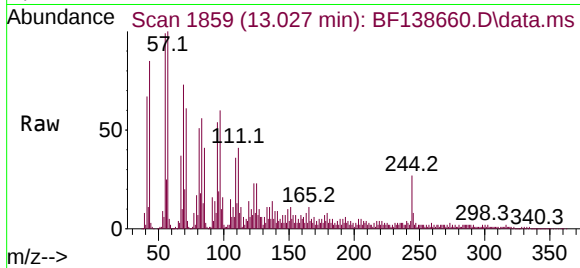




#79
 Terphenyl-d14
 Concen: 25.005 ng
 RT: 13.027 min Scan# 1859
 Delta R.T. 0.053 min
 Lab File: BF138660.D
 Acq: 25 Jul 2024 18:52

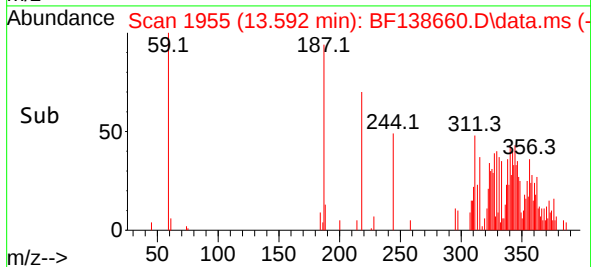
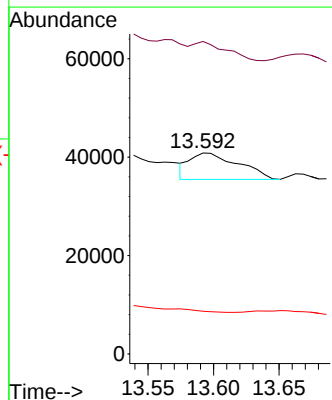
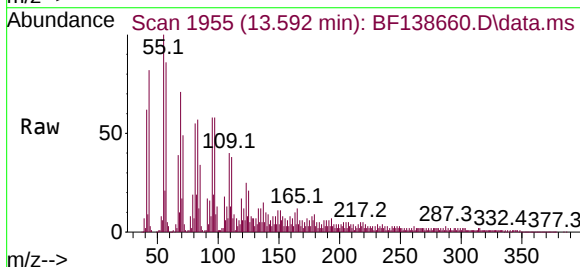
Instrument :
 BNA_F
 ClientSampleId :
 STAINED-PADS

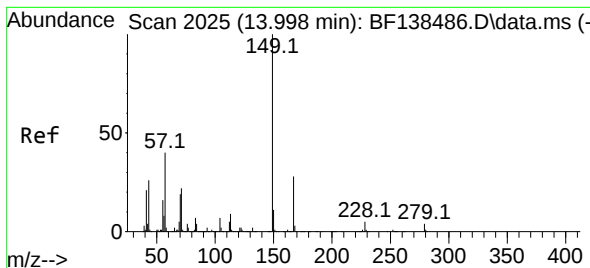
Tgt Ion:244 Resp: 206312
 Ion Ratio Lower Upper
 244 100
 212 9.1 5.5 8.3#
 122 26.0 7.8 11.8#



#80
 Butylbenzylphthalate
 Concen: 3.376 ng
 RT: 13.592 min Scan# 1955
 Delta R.T. 0.147 min
 Lab File: BF138660.D
 Acq: 25 Jul 2024 18:52

Tgt Ion:149 Resp: 13857
 Ion Ratio Lower Upper
 149 100
 91 155.5 62.1 93.1#
 206 21.3 18.0 27.0

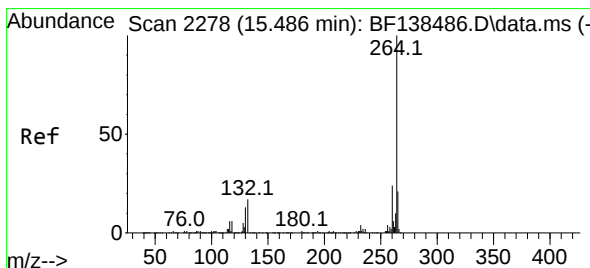
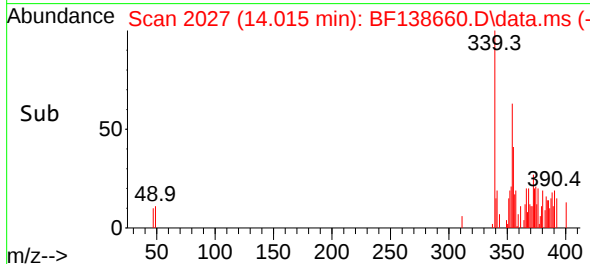
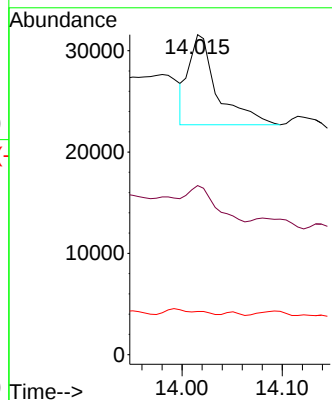
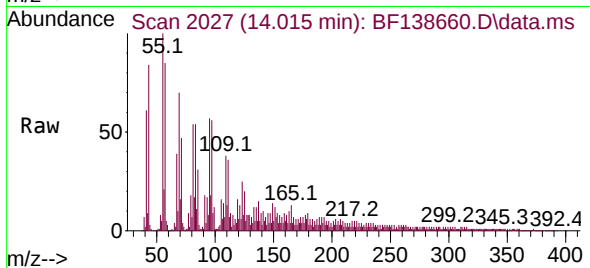




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.041 ng
RT: 14.015 min Scan# 20
Delta R.T. 0.018 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52

Instrument :
BNA_F
ClientSampleId :
STAINED-PADS

Tgt Ion:149 Resp: 17692
Ion Ratio Lower Upper
149 100
167 52.9 22.5 33.7#
279 13.5 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2279
Delta R.T. 0.012 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52

Tgt Ion:264 Resp: 99364
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 22.5 17.0 25.4

