

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

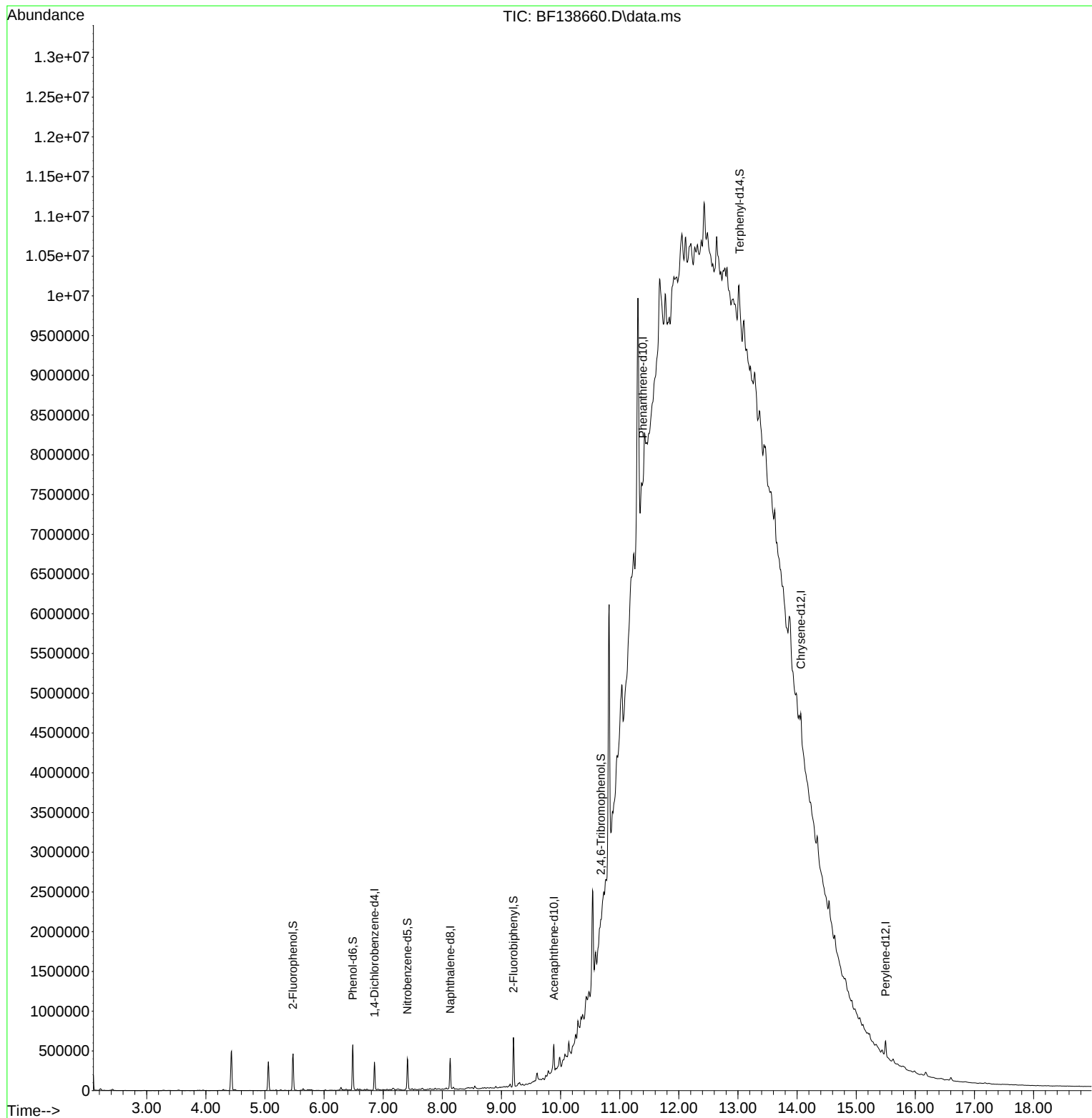
Target Compounds	Qvalue

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

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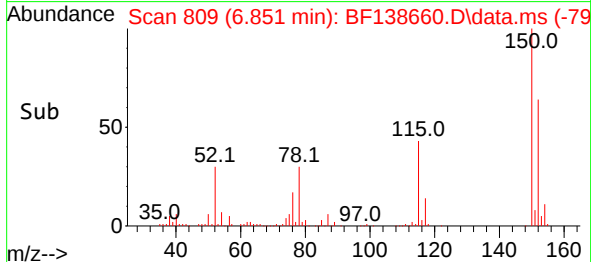
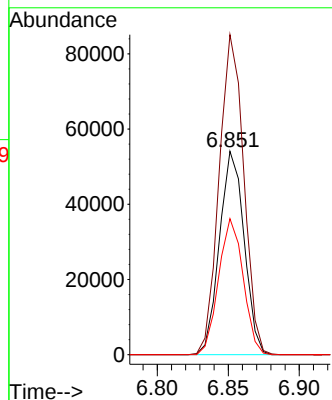
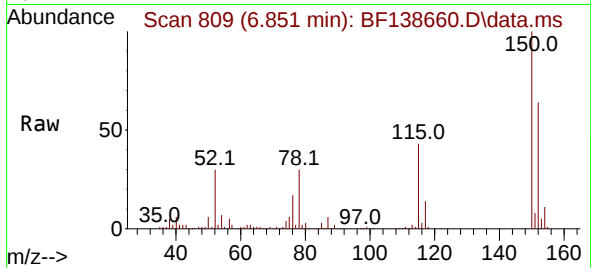




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52

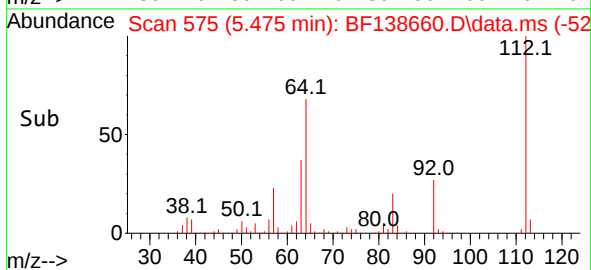
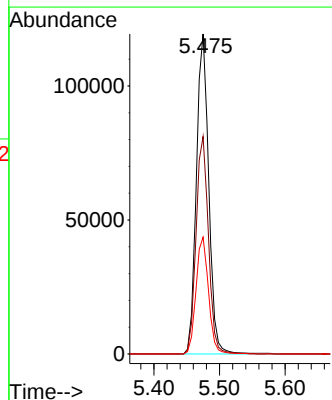
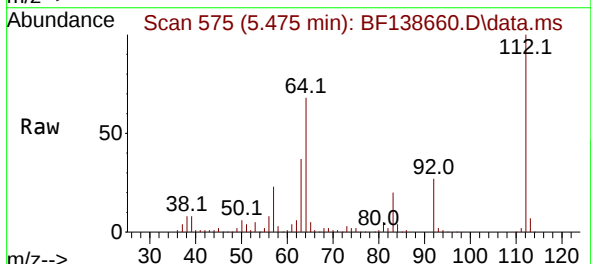
Instrument :
BNA_F
ClientSampleId :
STAINED-PADS

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

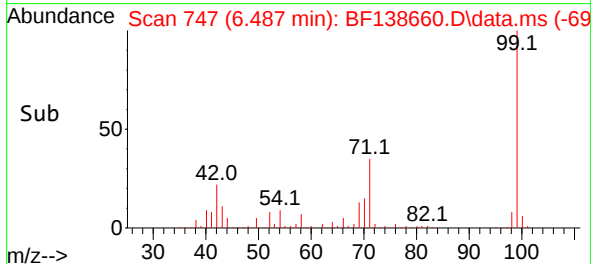
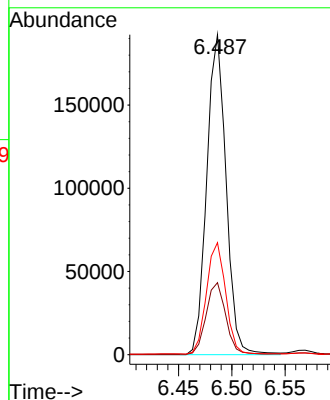
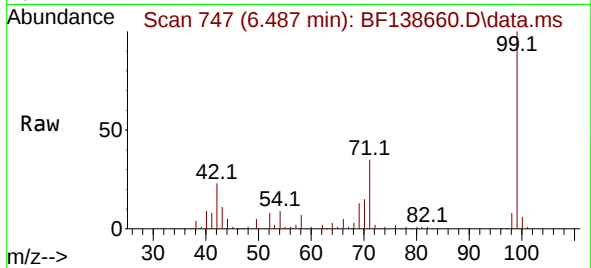




#7
Phenol-d6
Concen: 44.345 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138660.D
Acq: 25 Jul 2024 18:52

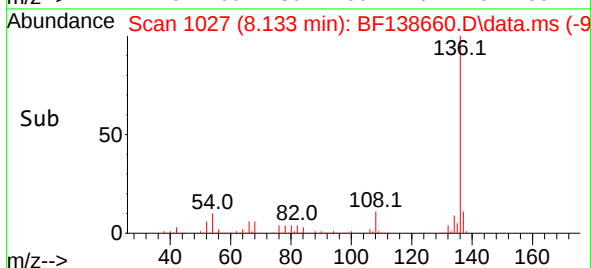
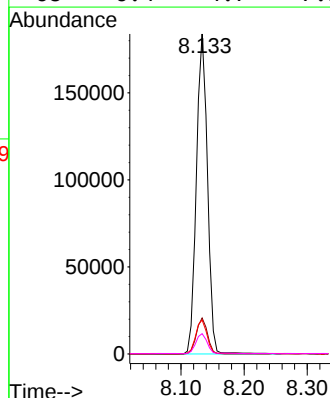
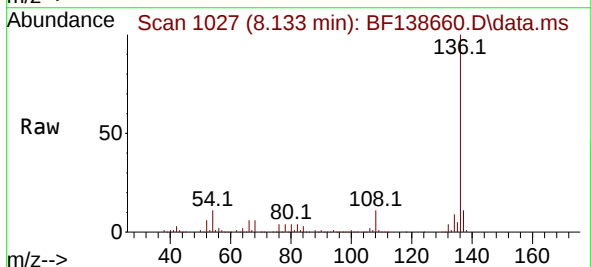
Instrument :
BNA_F
ClientSampleId :
STAINED-PADS

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# 909

Delta R.T. -0.023 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

Instrument :

BNA_F

ClientSampleId :

STAINED-PADS

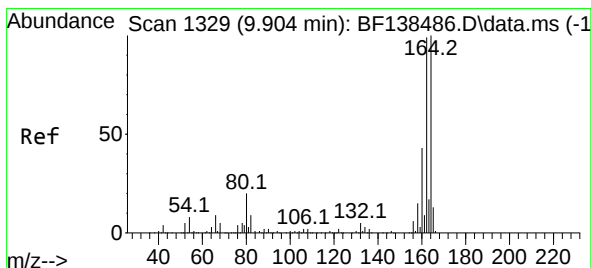
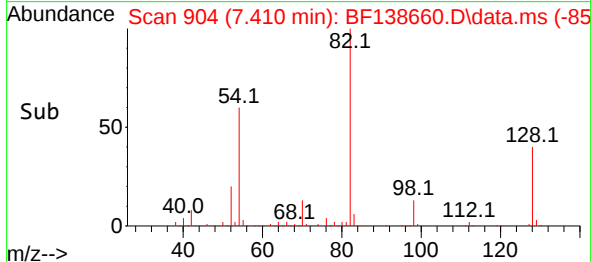
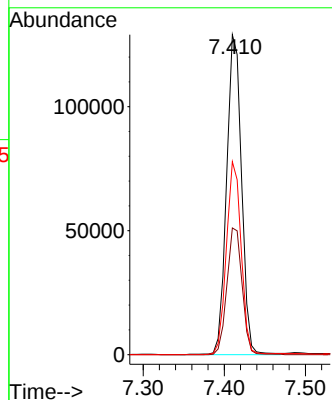
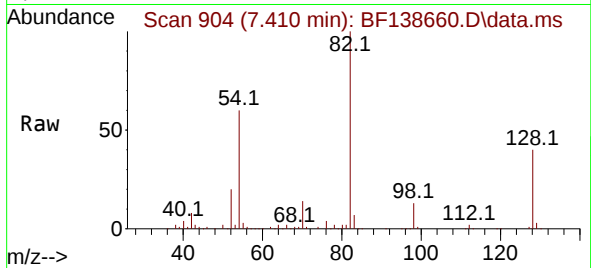
Tgt Ion: 82 Resp: 165514

Ion Ratio Lower Upper

82 100

128 39.6 32.3 48.5

54 60.3 51.4 77.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

Delta R.T. -0.018 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

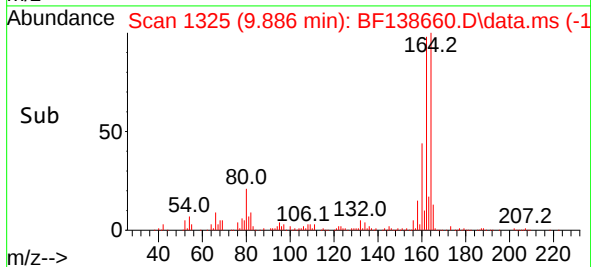
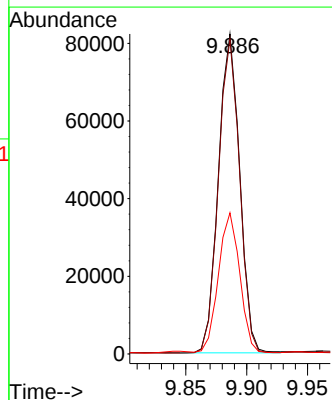
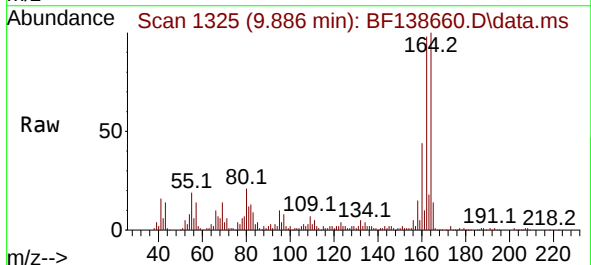
Tgt Ion:164 Resp: 100230

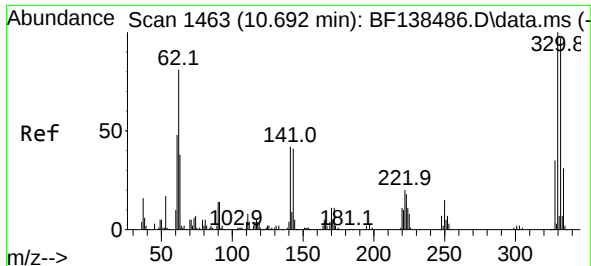
Ion Ratio Lower Upper

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

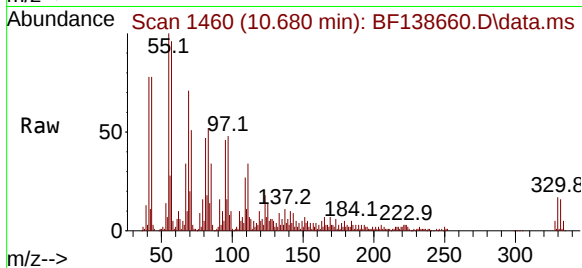
Acq: 25 Jul 2024 18:52

Instrument :

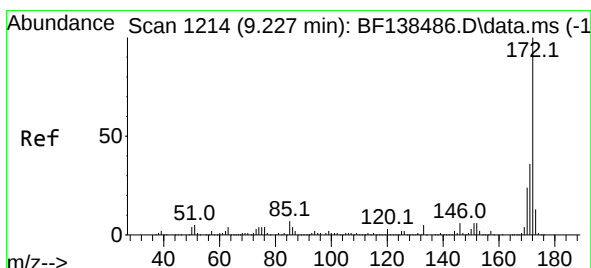
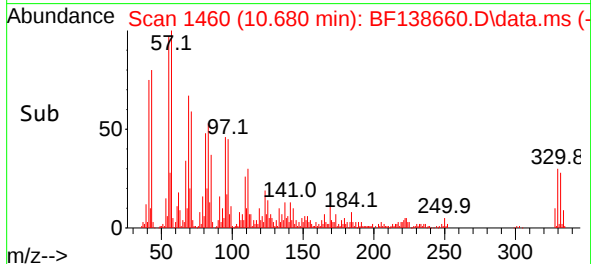
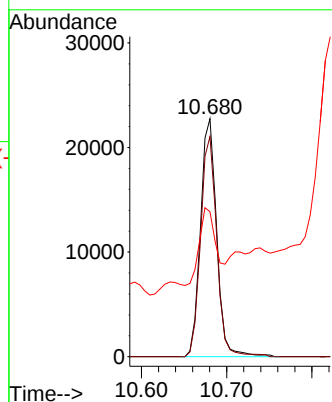
BNA_F

ClientSampleId :

STAINED-PADS



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

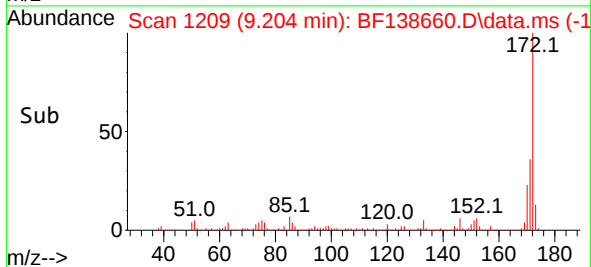
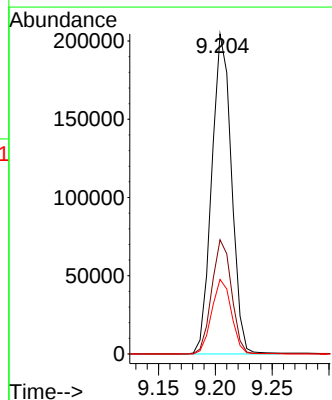
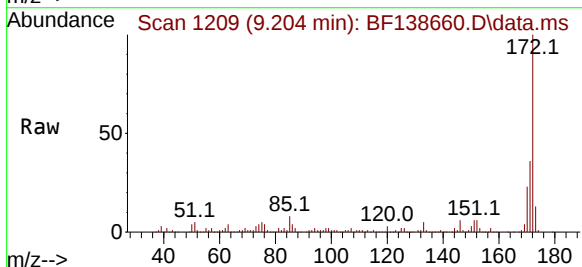
RT: 9.204 min Scan# 1209

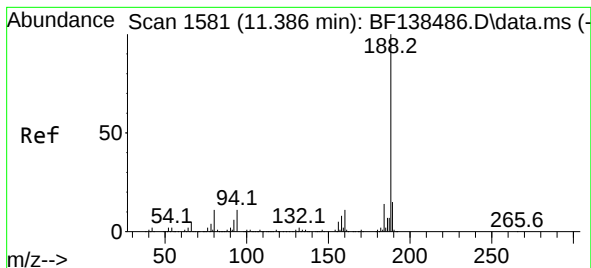
Delta R.T. -0.023 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF138660.D

Acq: 25 Jul 2024 18:52

Instrument :

BNA_F

ClientSampleId :

STAINED-PADS

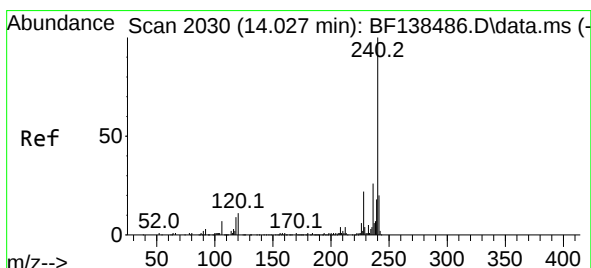
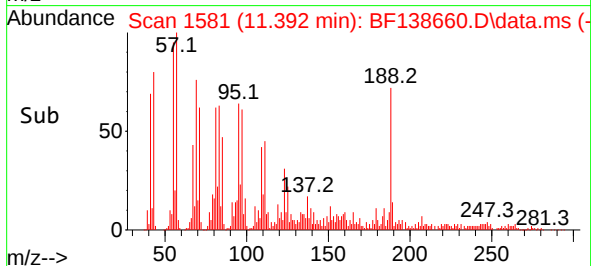
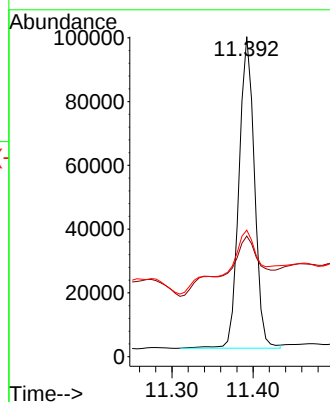
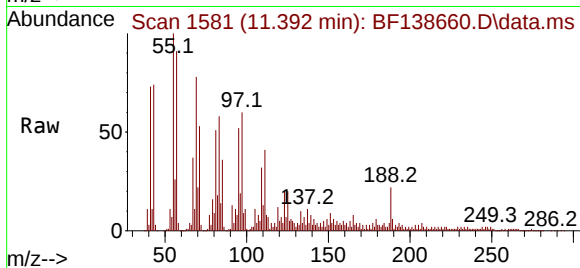
Tgt Ion:188 Resp: 129178

Ion Ratio Lower Upper

188 100

94 37.7 8.7 13.1#

80 39.5 9.0 13.4#



#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

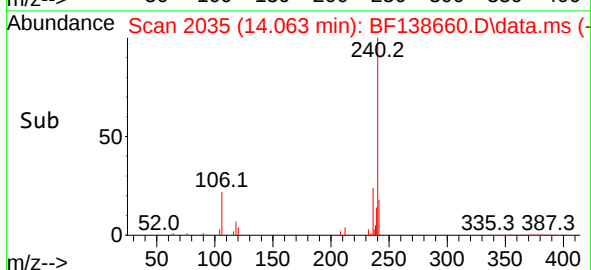
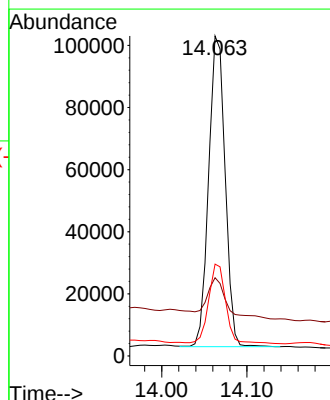
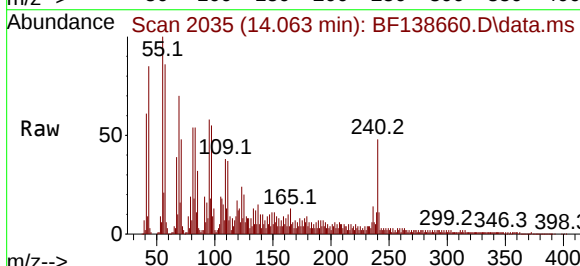
Tgt Ion:240 Resp: 134416

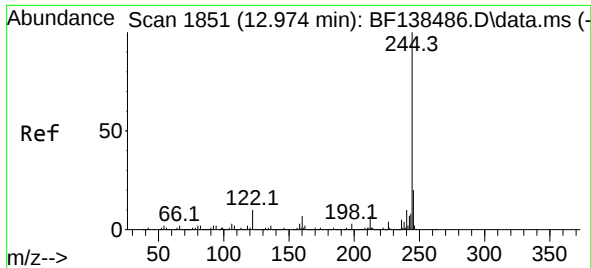
Ion Ratio Lower Upper

240 100

120 24.5 8.6 12.8#

236 28.7 21.0 31.6

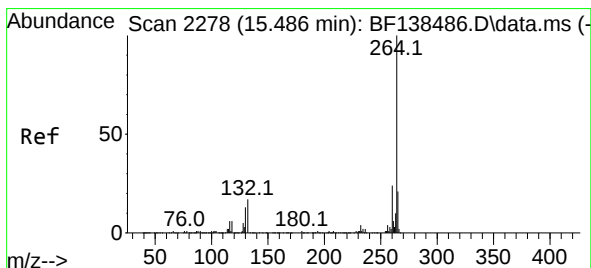
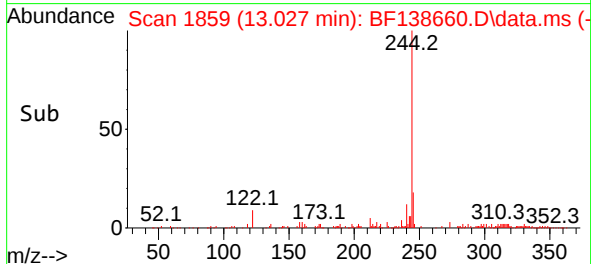
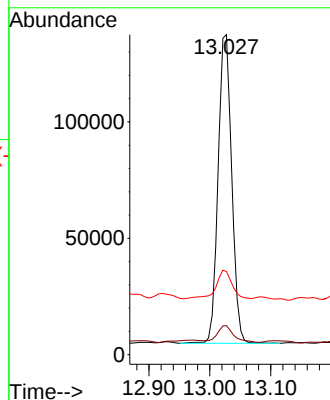
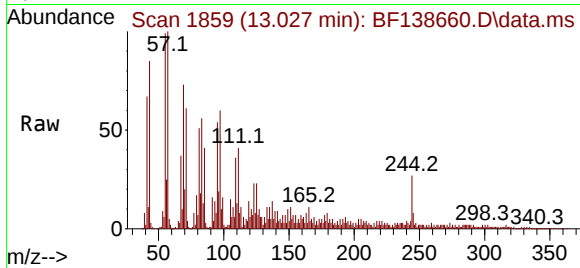




#79
 Terphenyl-d14
 Concen: 25.005 ng
 RT: 13.027 min Scan# 1859
 Delta R.T. 0.053 min
 Lab File: BF138660.D
 Acq: 25 Jul 2024 18:52

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#



#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

