

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071224\
 Data File : BF138550.D
 Acq On : 12 Jul 2024 17:04
 Operator : CG\JU
 Sample : P3208-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-PADS

Quant Time: Jul 12 18:30:01 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)

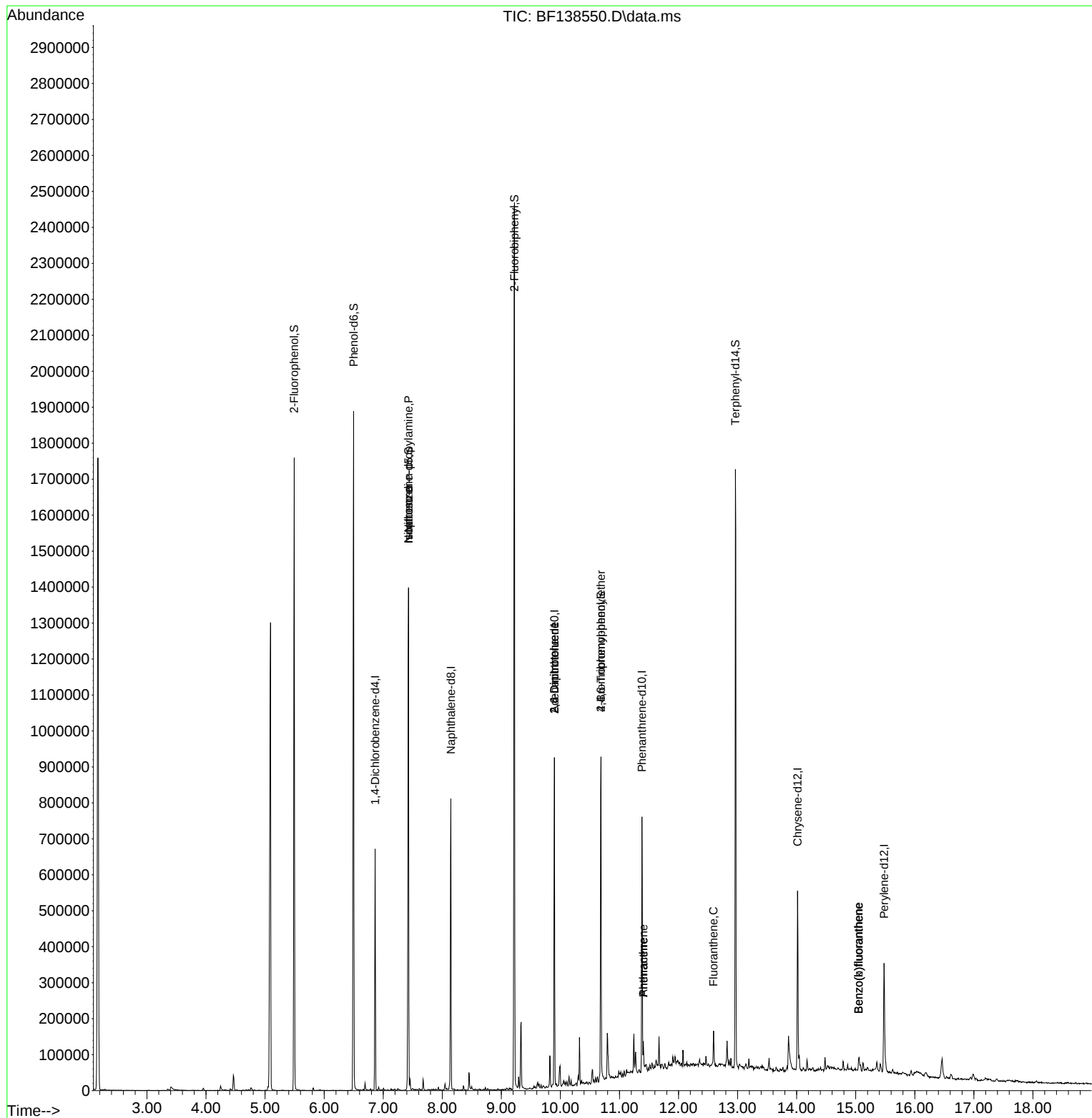
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	80848	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	320552	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	169914	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	242387	20.000	ng	0.00
76) Chrysene-d12	14.016	240	151280	20.000	ng	-0.01
86) Perylene-d12	15.480	264	139969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	384925	75.404	ng	0.00
7) Phenol-d6	6.498	99	560954	82.603	ng	0.00
23) Nitrobenzene-d5	7.428	82	424459	65.013	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	98899	62.278	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	780008	71.747	ng	0.00
79) Terphenyl-d14	12.963	244	553136	59.567	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	56331	13.425	ng	# 74
25) Isophorone	7.428	82	424456	37.857	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	22147	8.755	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	22147	6.766	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	6929	2.781	ng	# 1
71) Phenanthrene	11.404	178	24731	2.020	ng	96
72) Anthracene	11.404	178	24731	2.035	ng	96
75) Fluoranthene	12.592	202	35008	2.802	ng	96
88) Benzo(b)fluoranthene	15.051	252	23744	3.012	ng	# 96
89) Benzo(k)fluoranthene	15.051	252	23744	3.089	ng	# 96

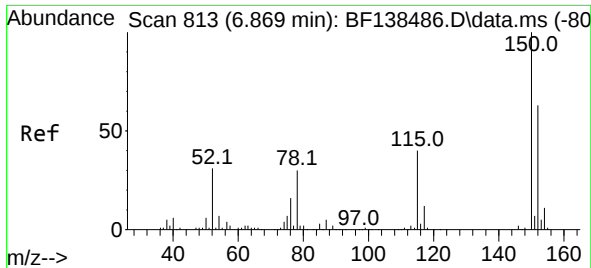
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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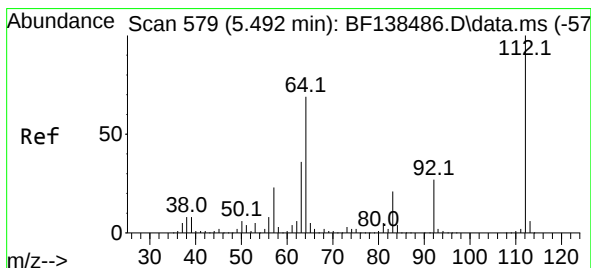
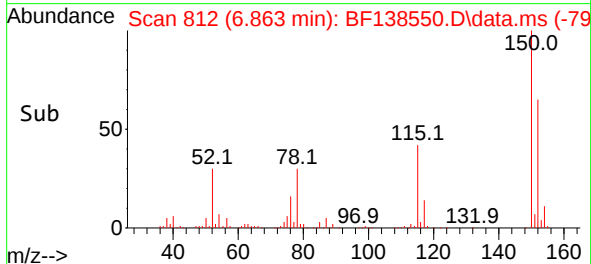
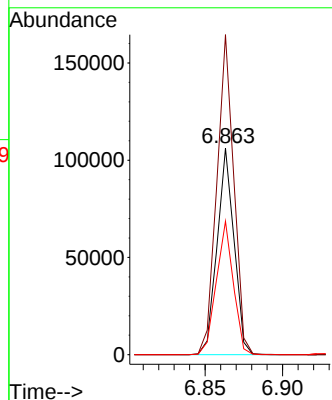
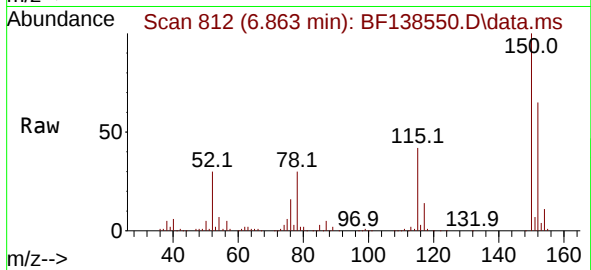




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

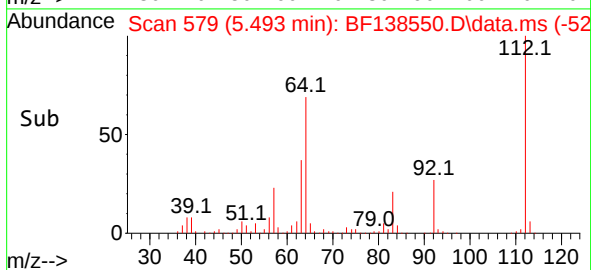
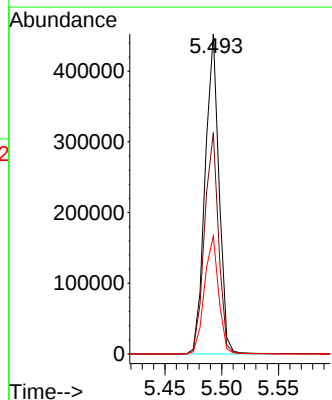
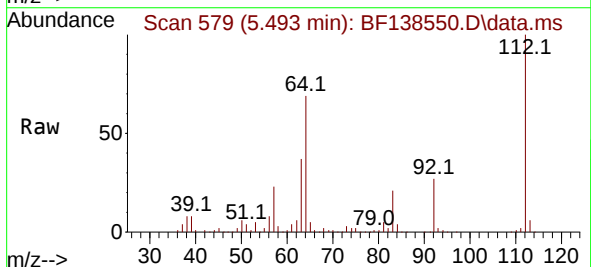
Instrument :
BNA_F
ClientSampleId :
CONC-PADS

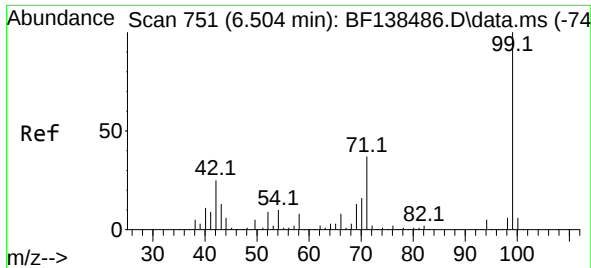
Tgt Ion:152 Resp: 80848
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.4
115 64.6 50.3 75.5



#5
2-Fluorophenol
Concen: 75.404 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

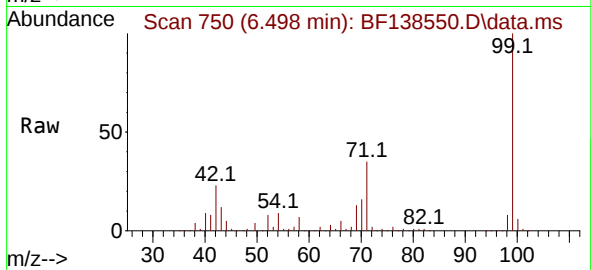
Tgt Ion:112 Resp: 384925
Ion Ratio Lower Upper
112 100
64 69.2 55.1 82.7
63 36.8 29.0 43.6



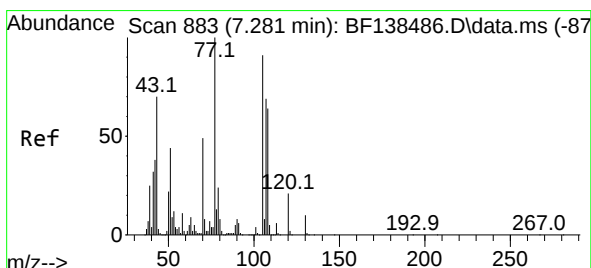
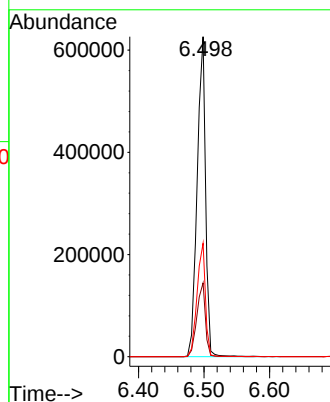
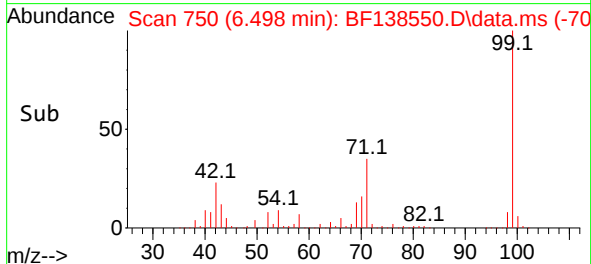


#7
Phenol-d6
Concen: 82.603 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

Instrument :
BNA_F
ClientSampleId :
CONC-PADS

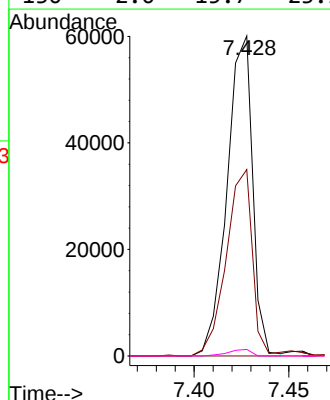
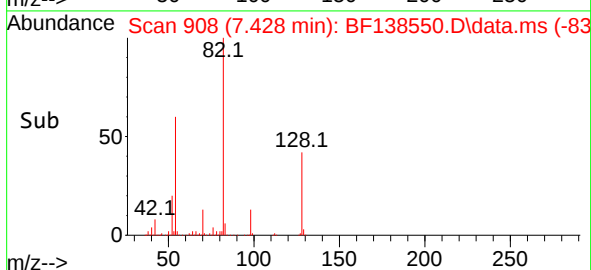
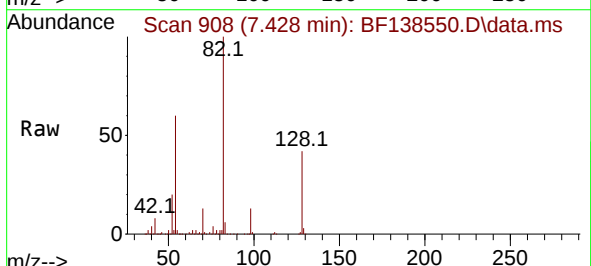


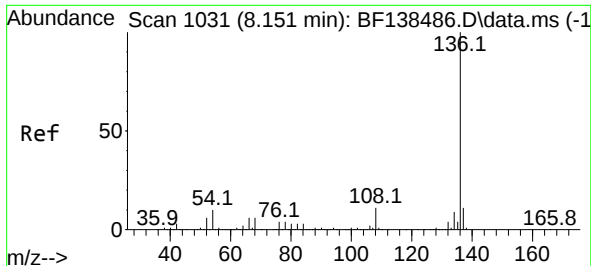
Tgt Ion: 99 Resp: 560954
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 35.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 13.425 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

Tgt Ion: 70 Resp: 56331
Ion Ratio Lower Upper
70 100
42 58.2 62.4 93.6#
101 0.0 7.2 10.8#
130 2.0 15.7 23.5#



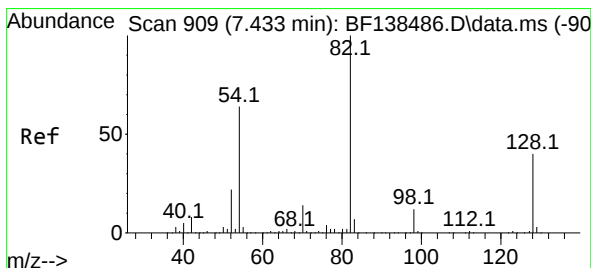
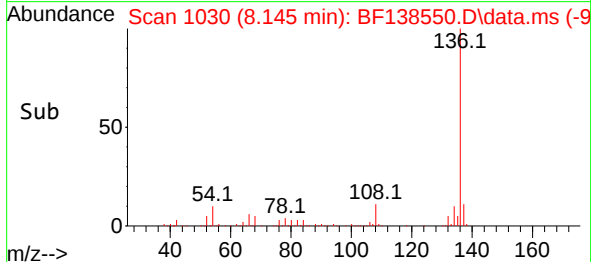
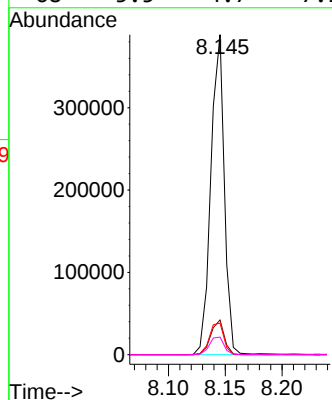
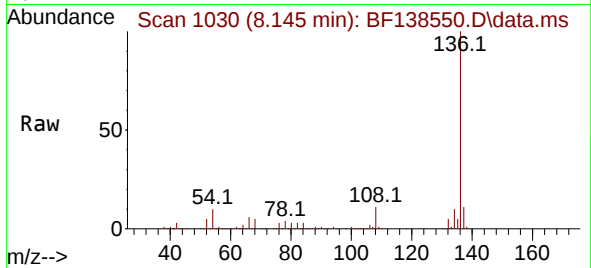


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

Instrument :
BNA_F
ClientSampleId :
CONC-PADS

Tgt Ion:136 Resp: 320552

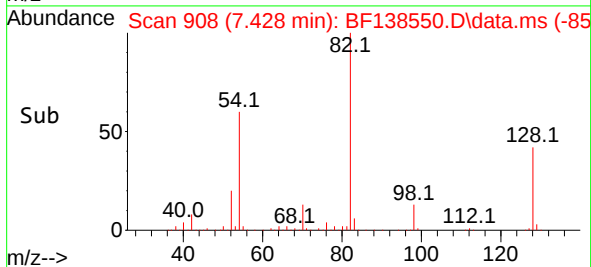
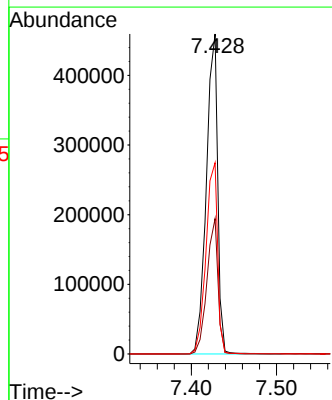
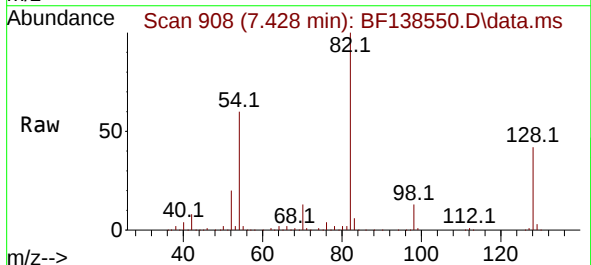
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	9.9	8.1	12.1
68	5.5	4.7	7.1



#23
Nitrobenzene-d5
Concen: 65.013 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

Tgt Ion: 82 Resp: 424459

Ion	Ratio	Lower	Upper
82	100		
128	42.3	32.3	48.5
54	59.8	51.4	77.0

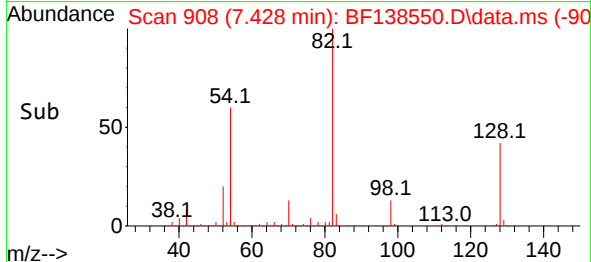
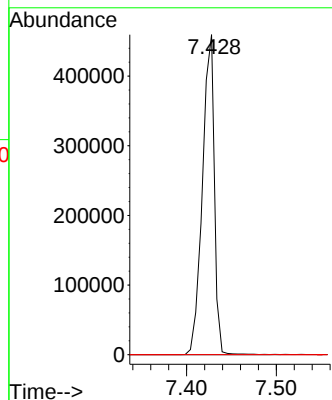
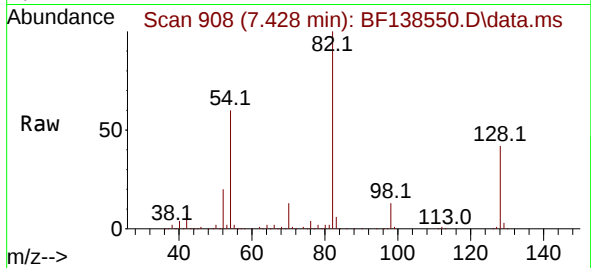




#25
Isophorone
Concen: 37.857 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

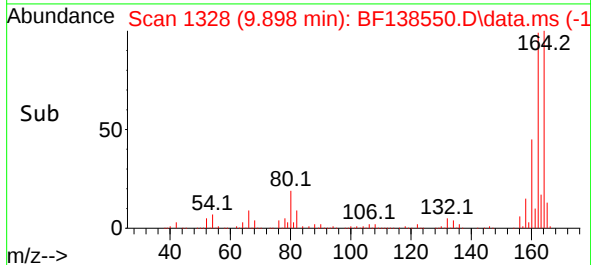
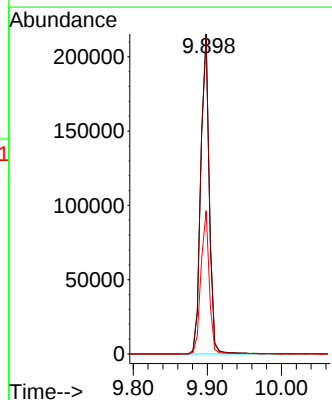
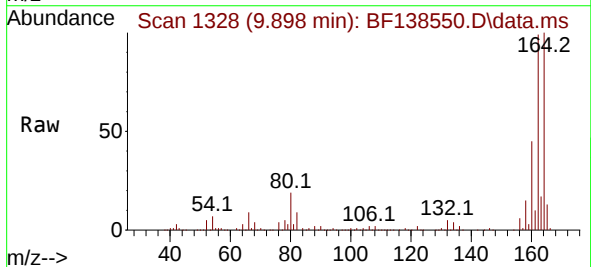
Instrument :
BNA_F
ClientSampleId :
CONC-PADS

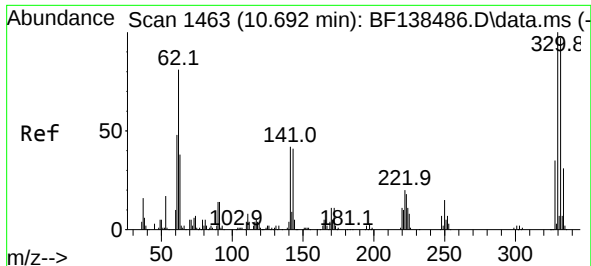
Tgt Ion: 82 Resp: 424456
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

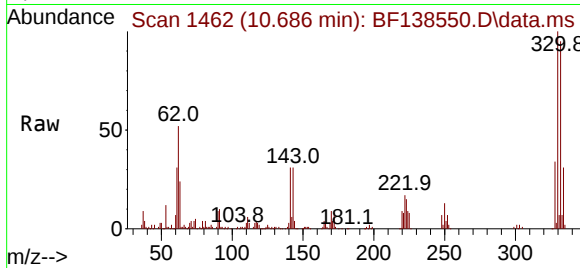
Tgt Ion: 164 Resp: 169914
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.6
160 44.8 34.4 51.6



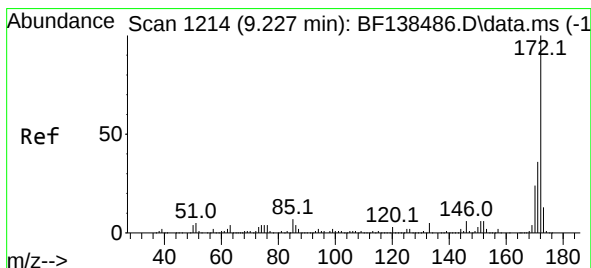
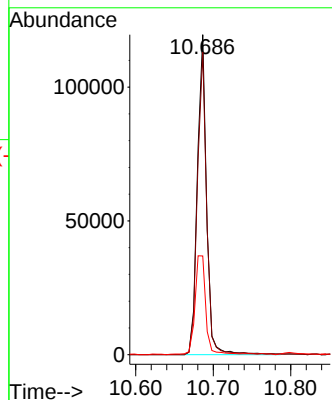
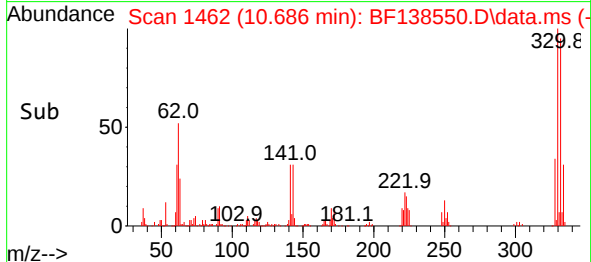


#42
2,4,6-Tribromophenol
Concen: 62.278 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

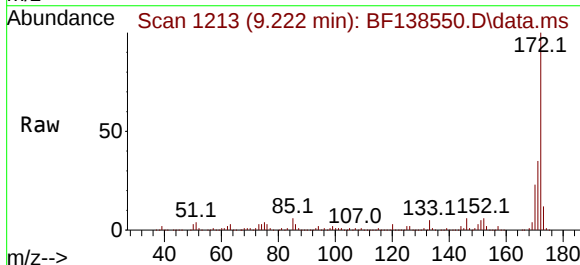
Instrument :
BNA_F
ClientSampleId :
CONC-PADS



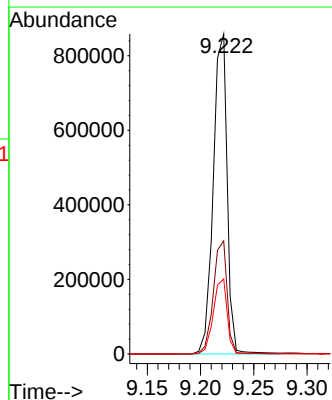
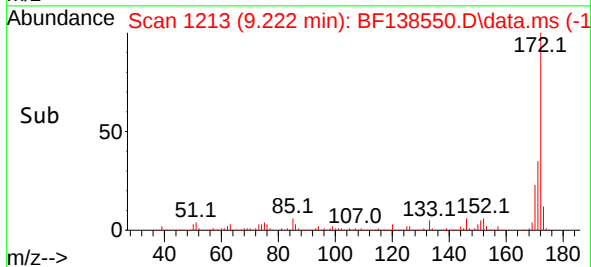
Tgt Ion: 330 Resp: 98899
Ion Ratio Lower Upper
330 100
332 95.2 76.8 115.2
141 36.1 29.4 44.2

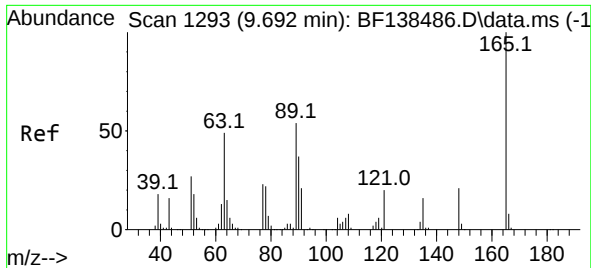


#45
2-Fluorobiphenyl
Concen: 71.747 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04



Tgt Ion: 172 Resp: 780008
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.5 18.9 28.3

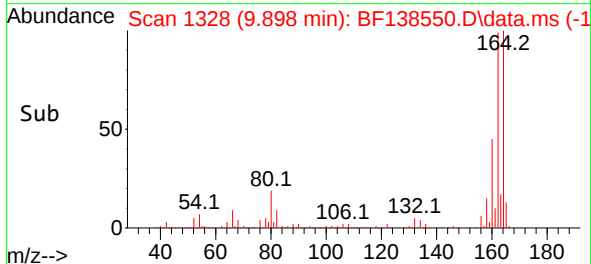
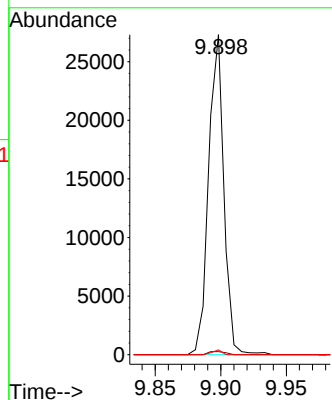
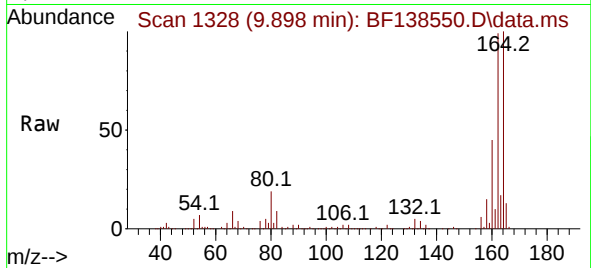




#51
2,6-Dinitrotoluene
Concen: 8.755 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

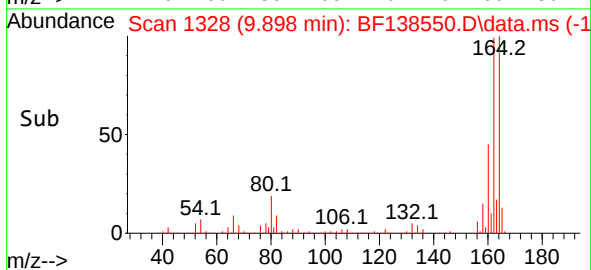
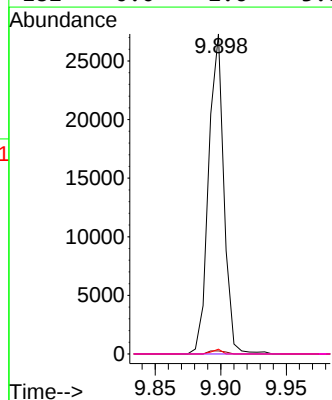
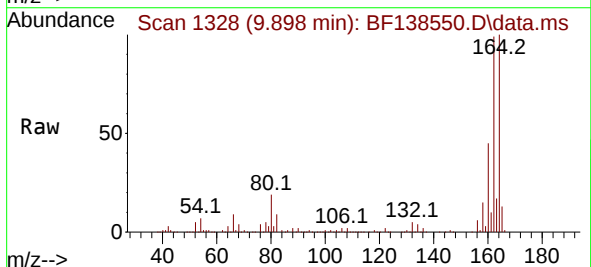
Instrument :
BNA_F
ClientSampleId :
CONC-PADS

Tgt Ion:165 Resp: 22147
Ion Ratio Lower Upper
165 100
63 0.9 48.1 72.1#
89 1.5 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.766 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

Tgt Ion:165 Resp: 22147
Ion Ratio Lower Upper
165 100
63 0.9 44.6 66.8#
89 1.5 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138550.D

Acq: 12 Jul 2024 17:04

Instrument :

BNA_F

ClientSampleId :

CONC-PADS

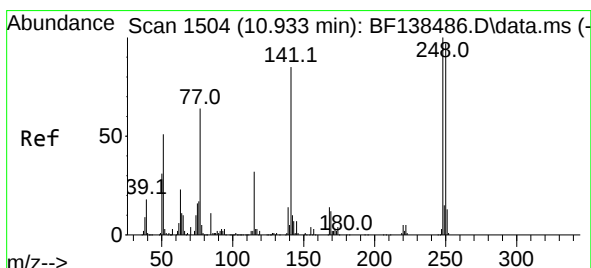
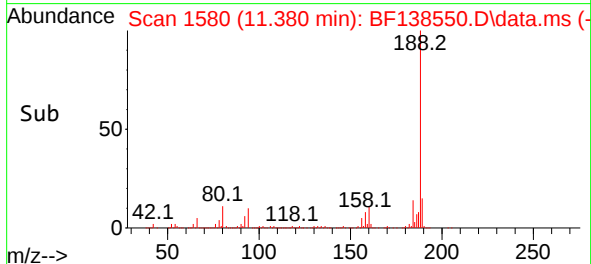
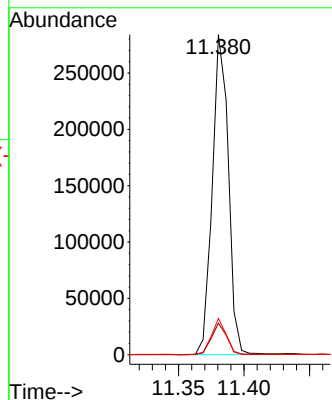
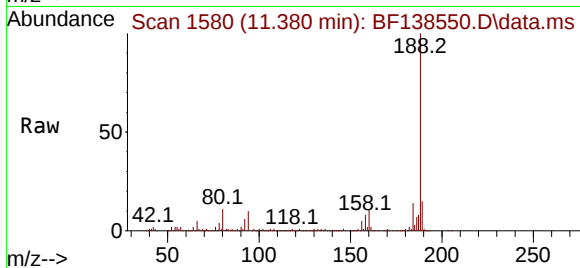
Tgt Ion:188 Resp: 242387

Ion Ratio Lower Upper

188 100

94 9.8 8.7 13.1

80 11.3 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 2.781 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138550.D

Acq: 12 Jul 2024 17:04

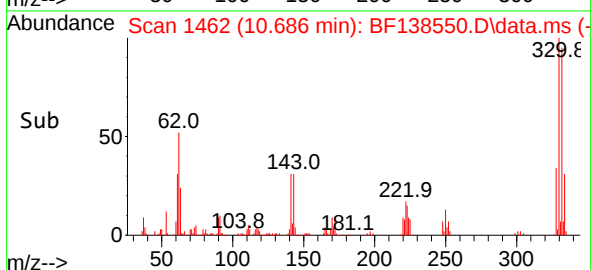
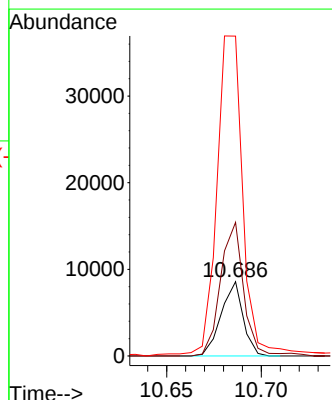
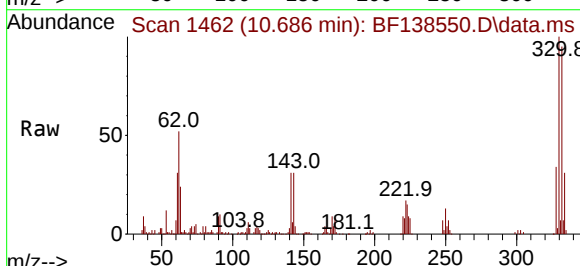
Tgt Ion:248 Resp: 6929

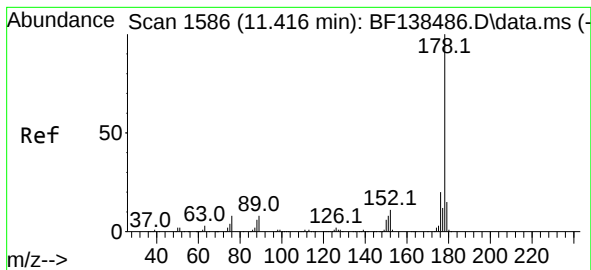
Ion Ratio Lower Upper

248 100

250 179.9 77.9 116.9#

141 430.7 67.7 101.5#





#71

Phenanthrene

Concen: 2.020 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BF138550.D

Acq: 12 Jul 2024 17:04

Instrument :

BNA_F

ClientSampleId :

CONC-PADS

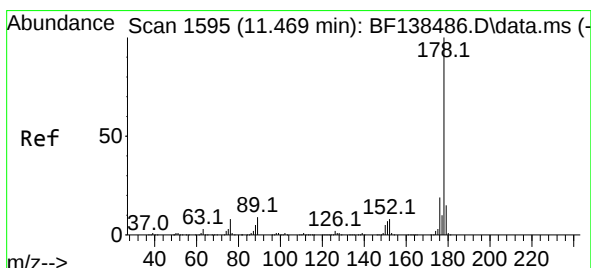
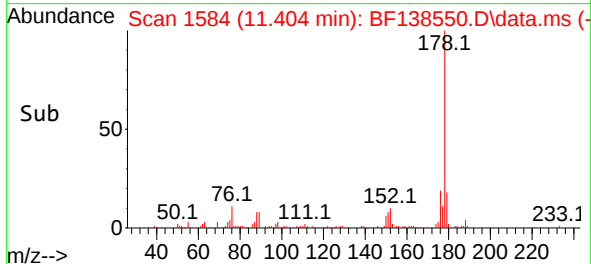
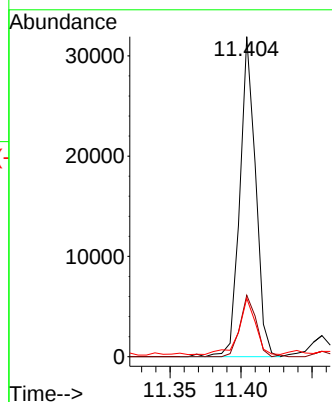
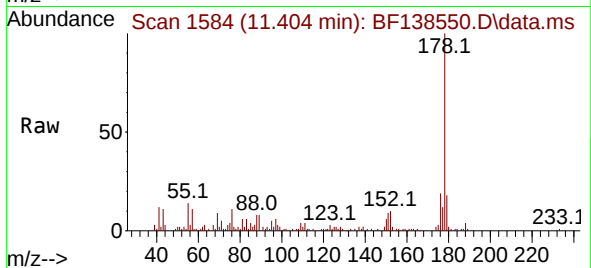
Tgt Ion:178 Resp: 24731

Ion Ratio Lower Upper

178 100

176 19.2 15.7 23.5

179 18.2 12.2 18.2



#72

Anthracene

Concen: 2.035 ng

RT: 11.404 min Scan# 1584

Delta R.T. -0.065 min

Lab File: BF138550.D

Acq: 12 Jul 2024 17:04

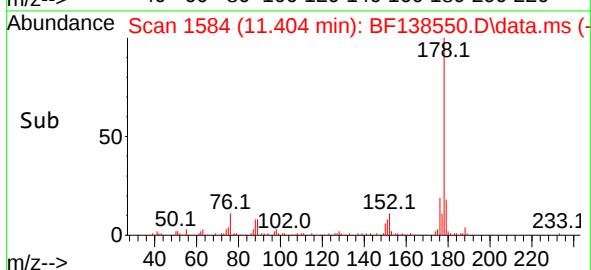
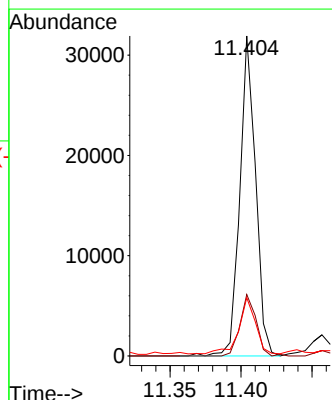
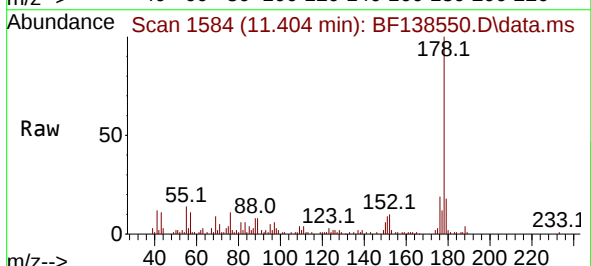
Tgt Ion:178 Resp: 24731

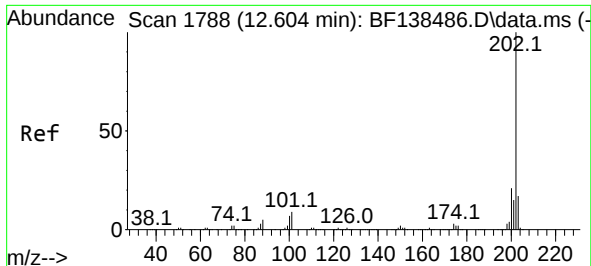
Ion Ratio Lower Upper

178 100

176 19.2 14.8 22.2

179 18.2 12.2 18.4

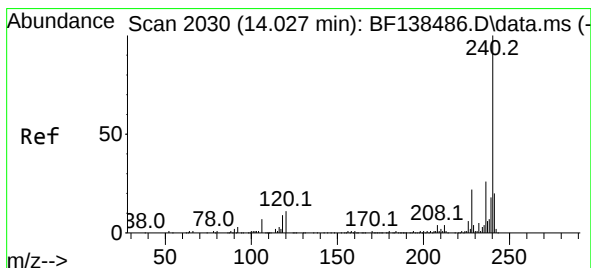
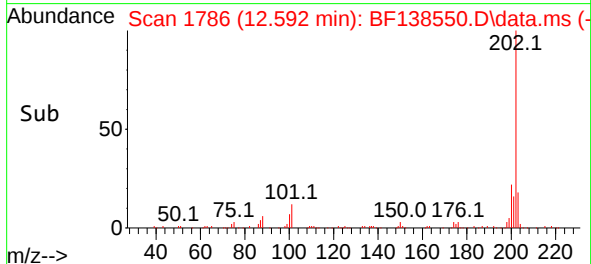
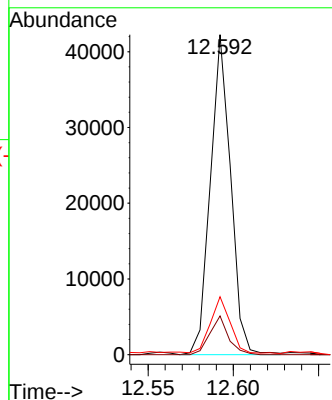
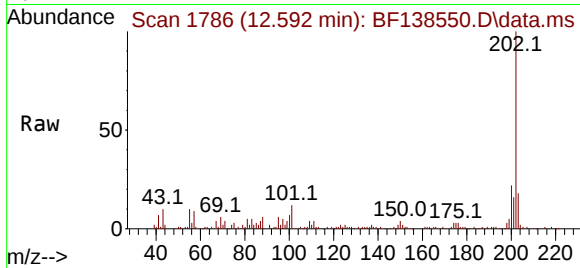




#75
Fluoranthene
Concen: 2.802 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

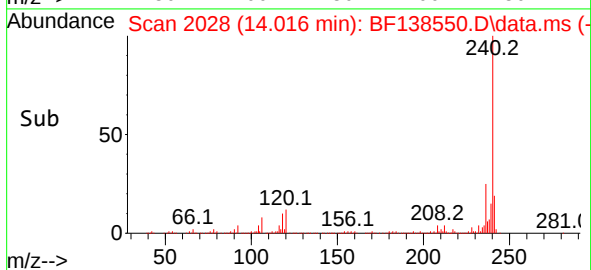
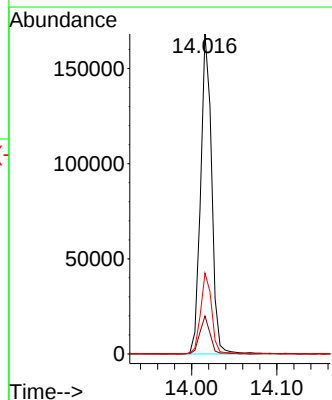
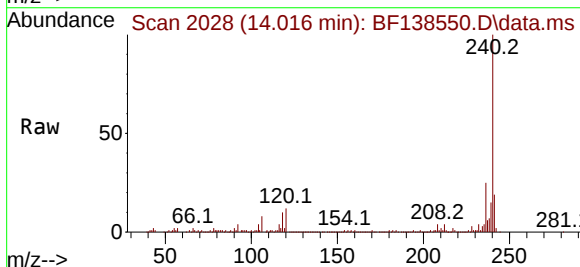
Instrument :
BNA_F
ClientSampleId :
CONC-PADS

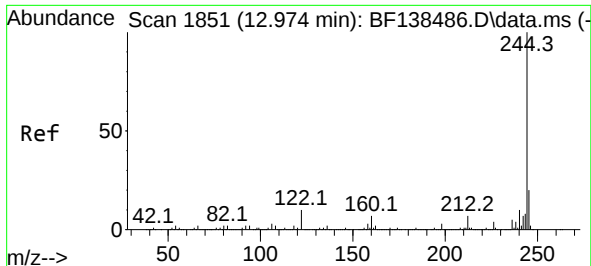
Tgt Ion:202 Resp: 35008
Ion Ratio Lower Upper
202 100
101 12.1 0.0 29.2
203 18.1 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF138550.D
Acq: 12 Jul 2024 17:04

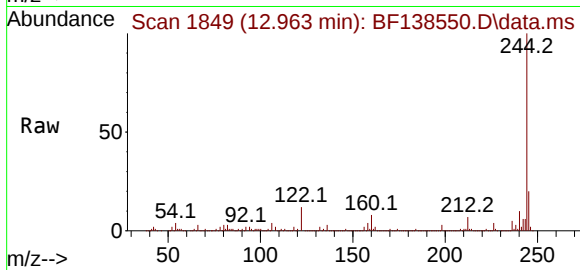
Tgt Ion:240 Resp: 151280
Ion Ratio Lower Upper
240 100
120 11.9 8.6 12.8
236 25.3 21.0 31.6



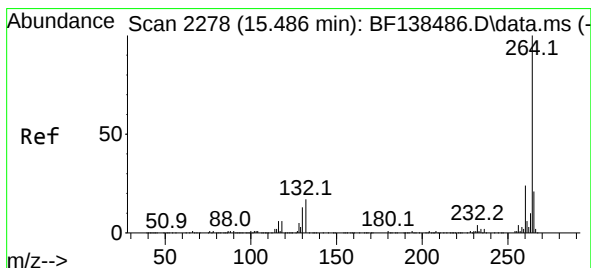
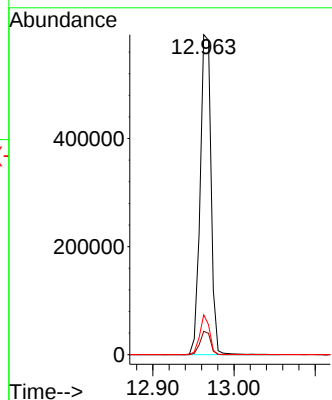
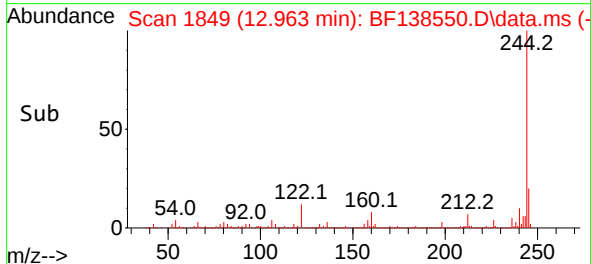


#79
 Terphenyl-d14
 Concen: 59.567 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.012 min
 Lab File: BF138550.D
 Acq: 12 Jul 2024 17:04

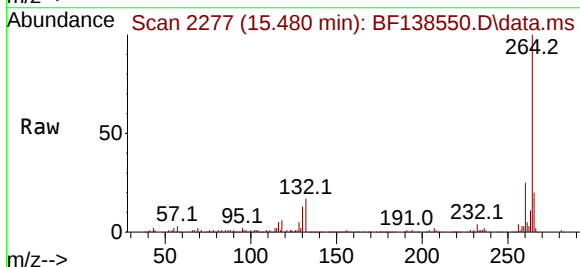
Instrument :
 BNA_F
 ClientSampleId :
 CONC-PADS



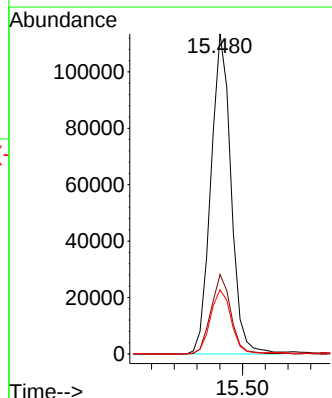
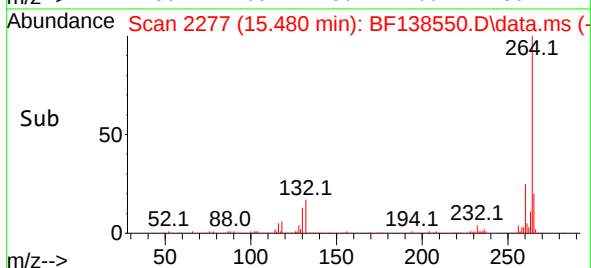
Tgt Ion:244 Resp: 553136
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.5 8.3
 122 12.4 7.8 11.8#

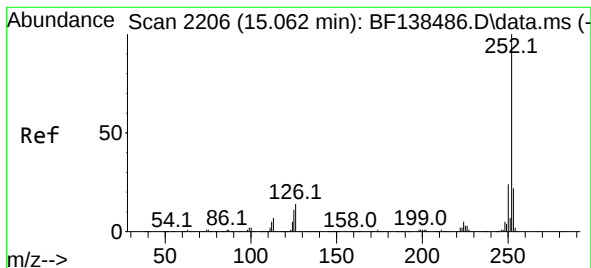


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF138550.D
 Acq: 12 Jul 2024 17:04



Tgt Ion:264 Resp: 139969
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.0 28.6
 265 20.1 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 3.012 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138550.D

Acq: 12 Jul 2024 17:04

Instrument :

BNA_F

ClientSampleId :

CONC-PADS

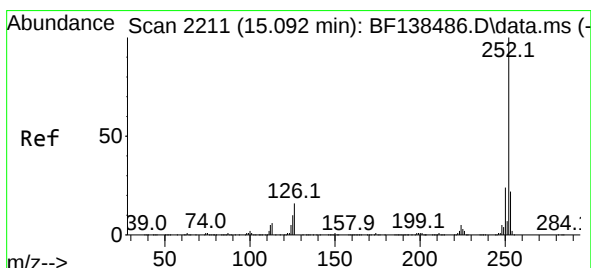
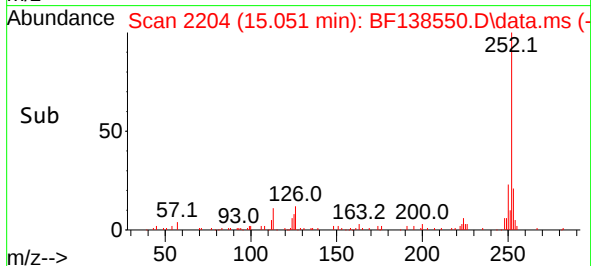
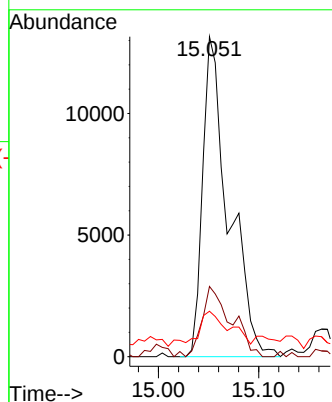
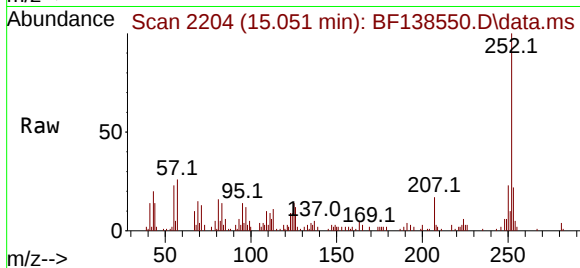
Tgt Ion:252 Resp: 23744

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 14.2 8.6 13.0#



#89

Benzo(k)fluoranthene

Concen: 3.089 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.041 min

Lab File: BF138550.D

Acq: 12 Jul 2024 17:04

Tgt Ion:252 Resp: 23744

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 14.2 8.1 12.1#

