

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138892.D
 Acq On : 09 Aug 2024 17:04
 Operator : RC/JU
 Sample : P3460-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11929

Quant Time: Aug 09 17:44:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	49218	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	204333	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	110621	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	170523	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	84322	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	90882	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	328595	103.059	ng	0.00
7) Phenol-d6	6.481	99	440920	103.000	ng	0.00
23) Nitrobenzene-d5	7.404	82	296784	71.012	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	69063	76.217	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	561766	76.301	ng	-0.01
79) Terphenyl-d14	12.939	244	417120	82.822	ng	0.00

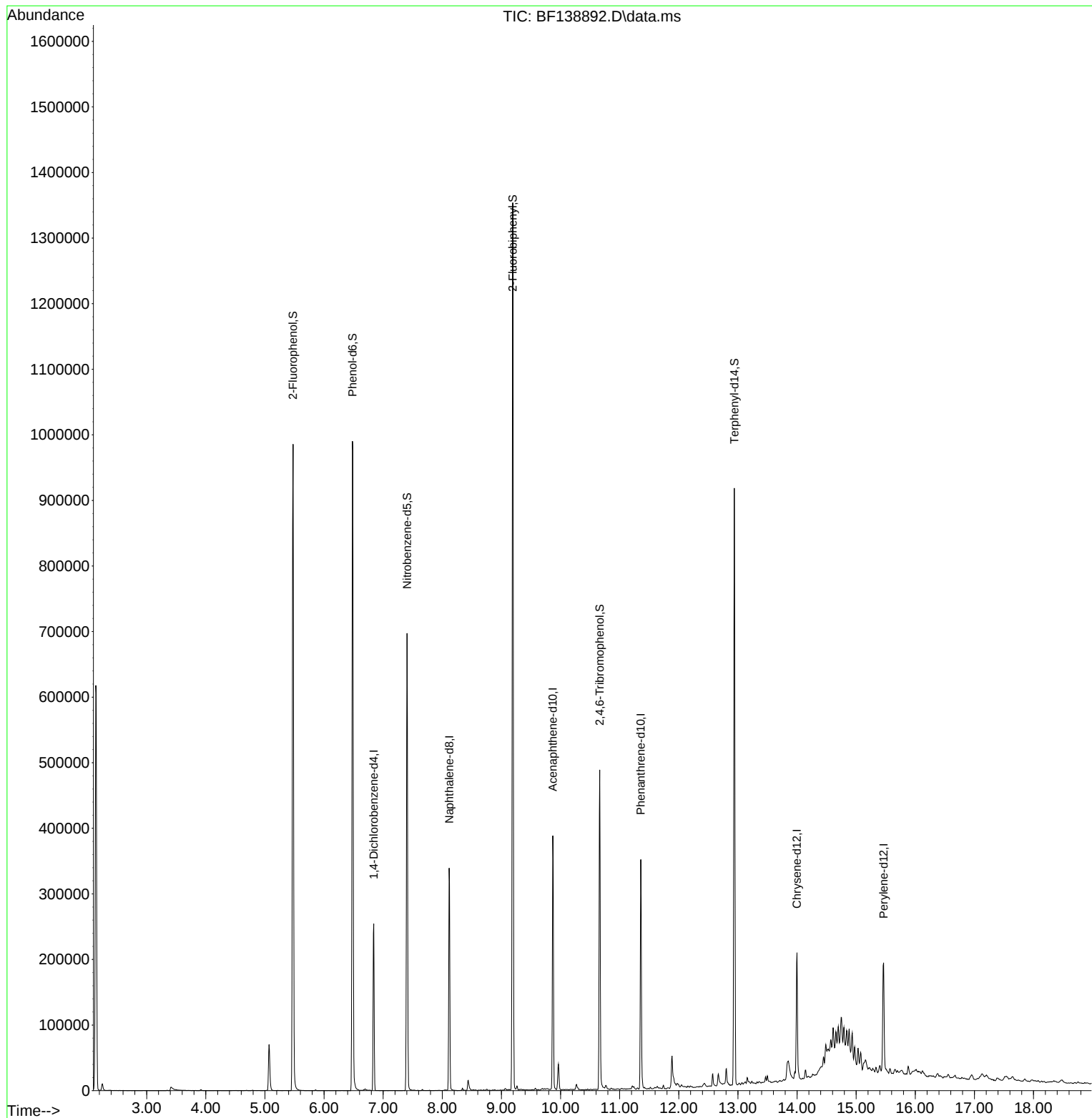
Target Compounds	Qvalue

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

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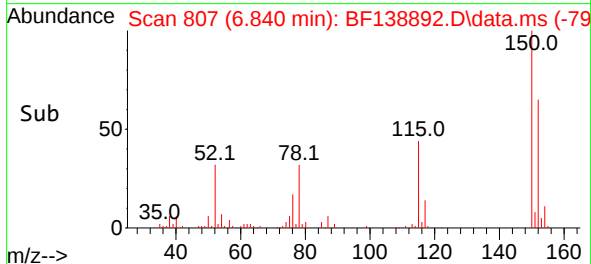
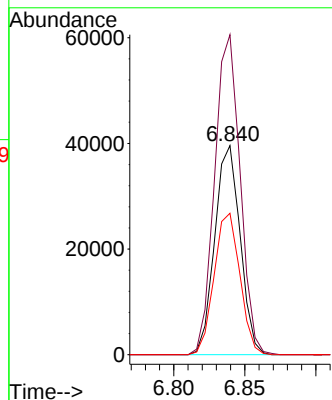
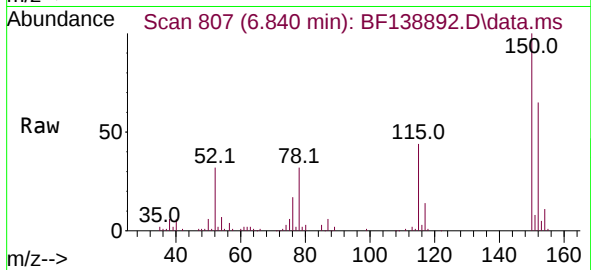




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

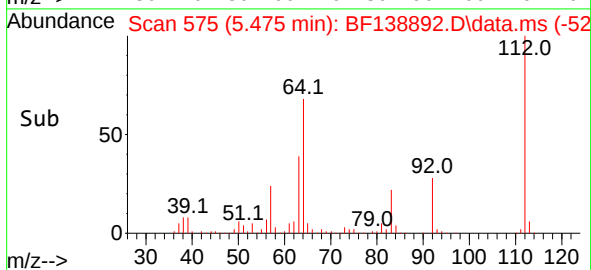
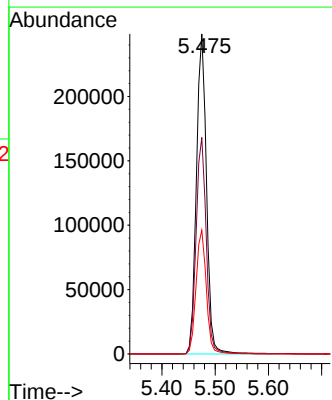
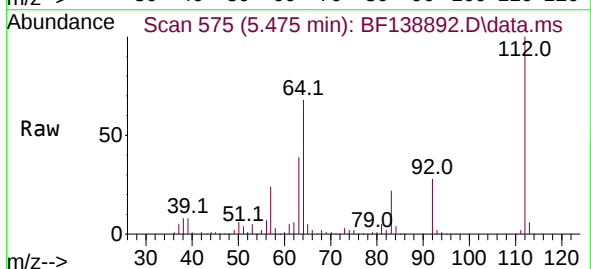
Instrument :
BNA_F
ClientSampleId :
72-11929

Tgt Ion:152 Resp: 49218
Ion Ratio Lower Upper
152 100
150 153.0 126.0 189.0
115 67.7 51.7 77.5



#5
2-Fluorophenol
Concen: 103.059 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

Tgt Ion:112 Resp: 328595
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 38.7 28.7 43.1

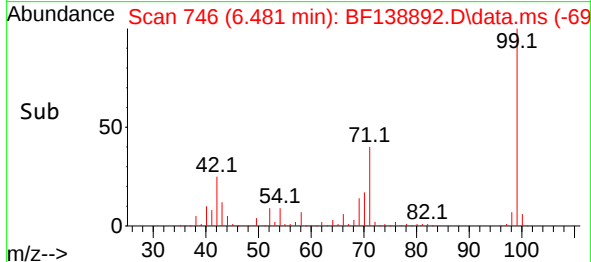
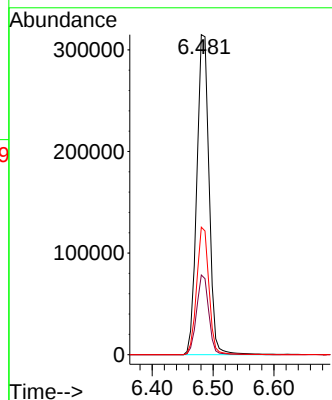
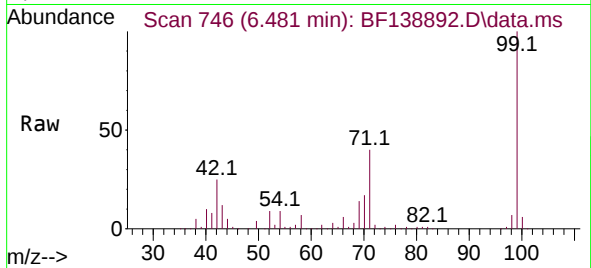




#7
Phenol-d6
Concen: 103.000 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

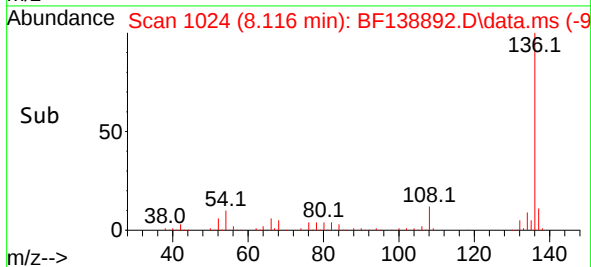
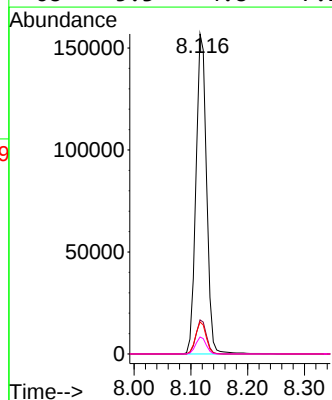
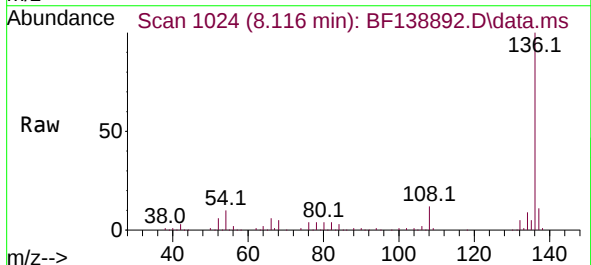
Instrument :
BNA_F
ClientSampleId :
72-11929

Tgt Ion: 99 Resp: 440920
Ion Ratio Lower Upper
99 100
42 24.9 17.4 26.0
71 39.8 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

Tgt Ion: 136 Resp: 204333
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.0 8.6 12.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 71.012 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138892.D

Acq: 09 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

72-11929

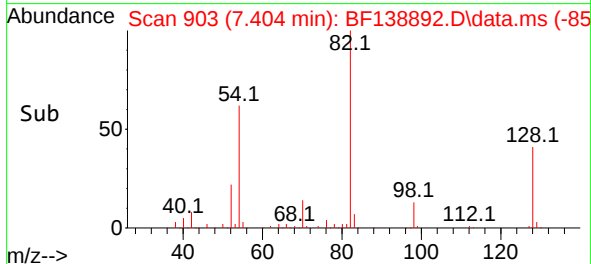
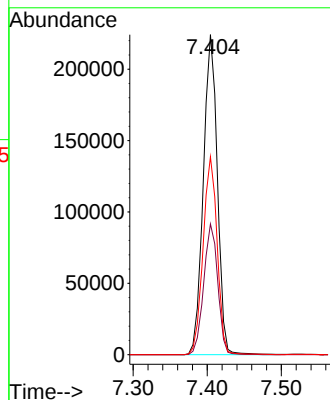
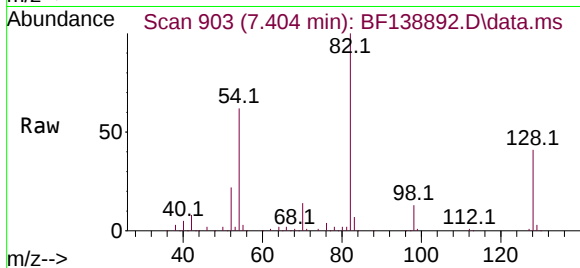
Tgt Ion: 82 Resp: 296784

Ion Ratio Lower Upper

82 100

128 40.9 32.8 49.2

54 61.9 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.011 min

Lab File: BF138892.D

Acq: 09 Aug 2024 17:04

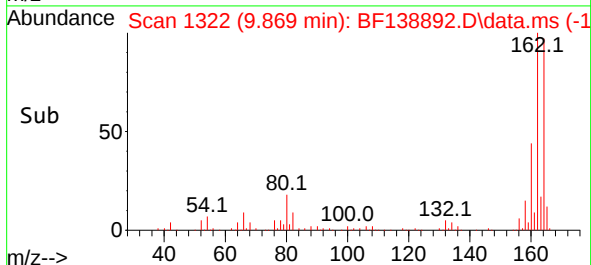
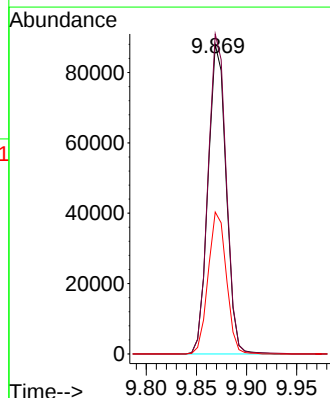
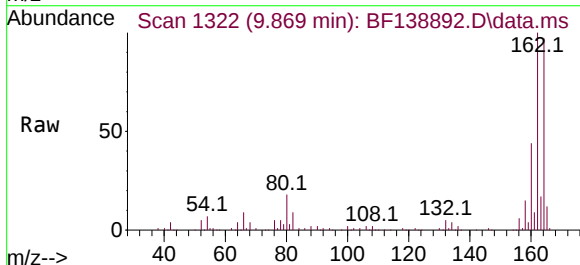
Tgt Ion:164 Resp: 110621

Ion Ratio Lower Upper

164 100

162 103.4 79.4 119.0

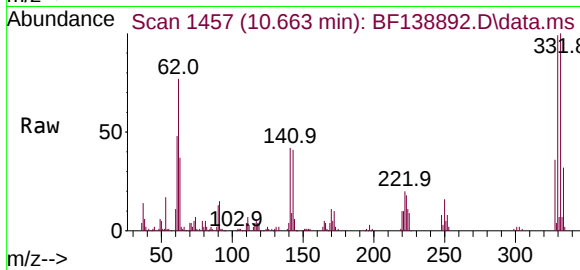
160 45.9 35.1 52.7



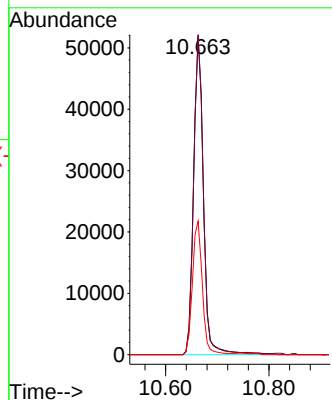
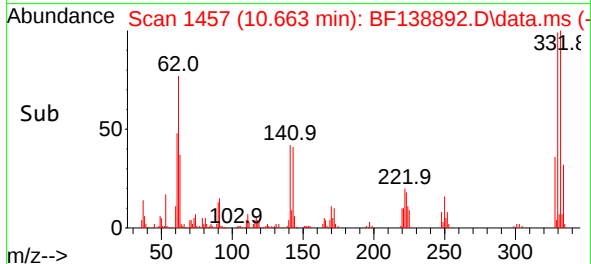


#42
2,4,6-Tribromophenol
Concen: 76.217 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

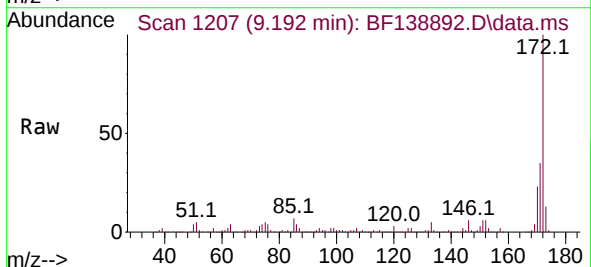
Instrument :
BNA_F
ClientSampleId :
72-11929



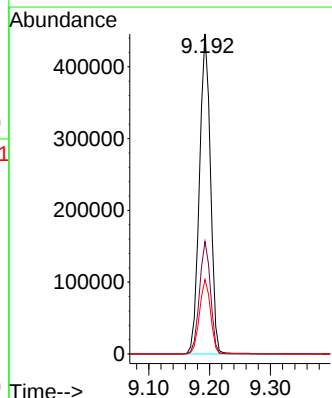
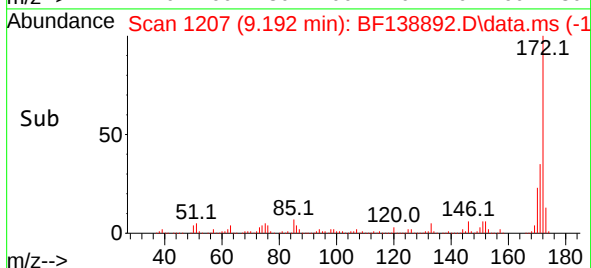
Tgt Ion: 330 Resp: 69063
Ion Ratio Lower Upper
330 100
332 99.5 76.4 114.6
141 41.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 76.301 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04



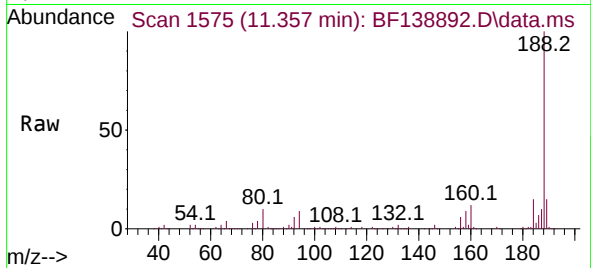
Tgt Ion: 172 Resp: 561766
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.3 18.8 28.2



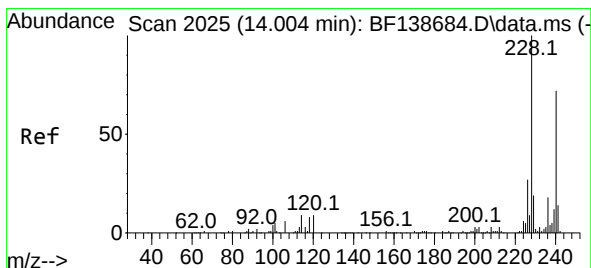
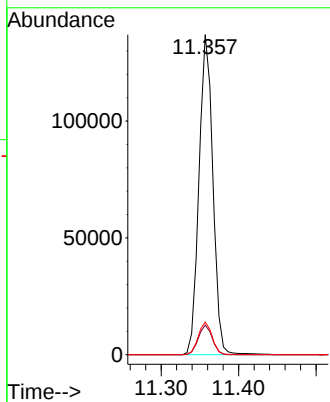
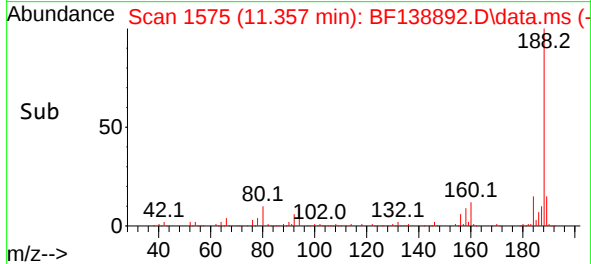


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

Instrument :
BNA_F
ClientSampleId :
72-11929

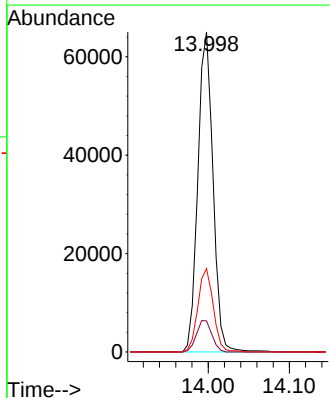
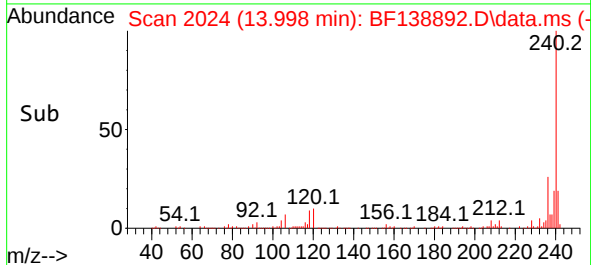
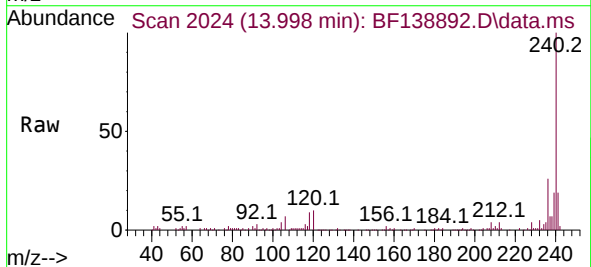


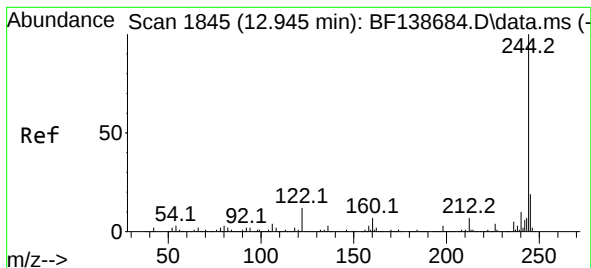
Tgt Ion:188 Resp: 170523
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 10.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138892.D
Acq: 09 Aug 2024 17:04

Tgt Ion:240 Resp: 84322
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4#
236 26.0 19.8 29.8





#79

Terphenyl-d14

Concen: 82.822 ng

RT: 12.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138892.D

Acq: 09 Aug 2024 17:04

Instrument :

BNA_F

ClientSampleId :

72-11929

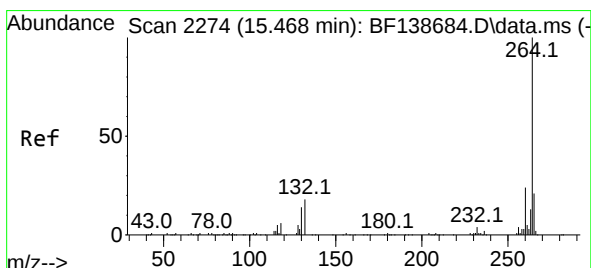
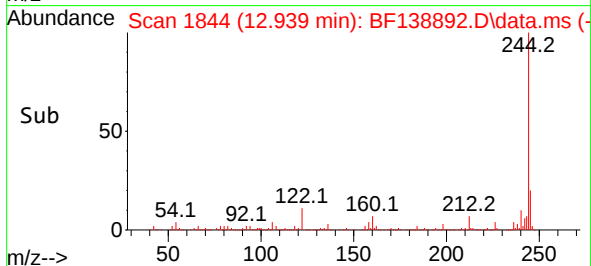
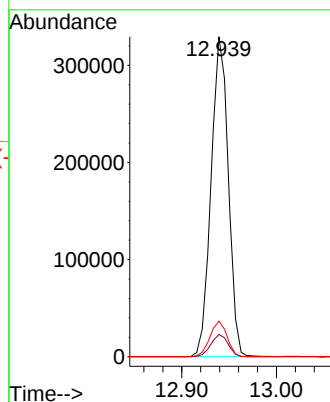
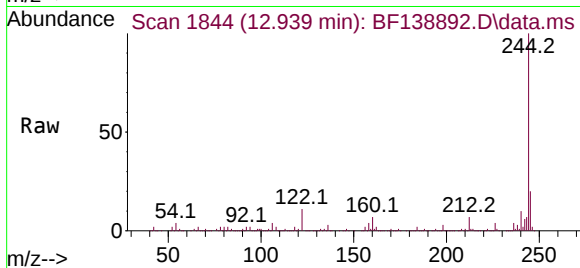
Tgt Ion:244 Resp: 417120

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.1 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF138892.D

Acq: 09 Aug 2024 17:04

Tgt Ion:264 Resp: 90882

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

265 21.0 17.0 25.6

