

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138905.D
 Acq On : 10 Aug 2024 12:46
 Operator : RC/JU
 Sample : P3479-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS08

Quant Time: Aug 12 01:13:02 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	37182	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	149406	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	84158	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	149287	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	65618	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	78556	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	149495	62.065	ng	0.00
7) Phenol-d6	6.481	99	118647	36.688	ng	0.00
23) Nitrobenzene-d5	7.404	82	345860	113.179	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	120190	174.348	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	628640	112.233	ng	-0.01
79) Terphenyl-d14	12.939	244	570074	145.457	ng	0.00

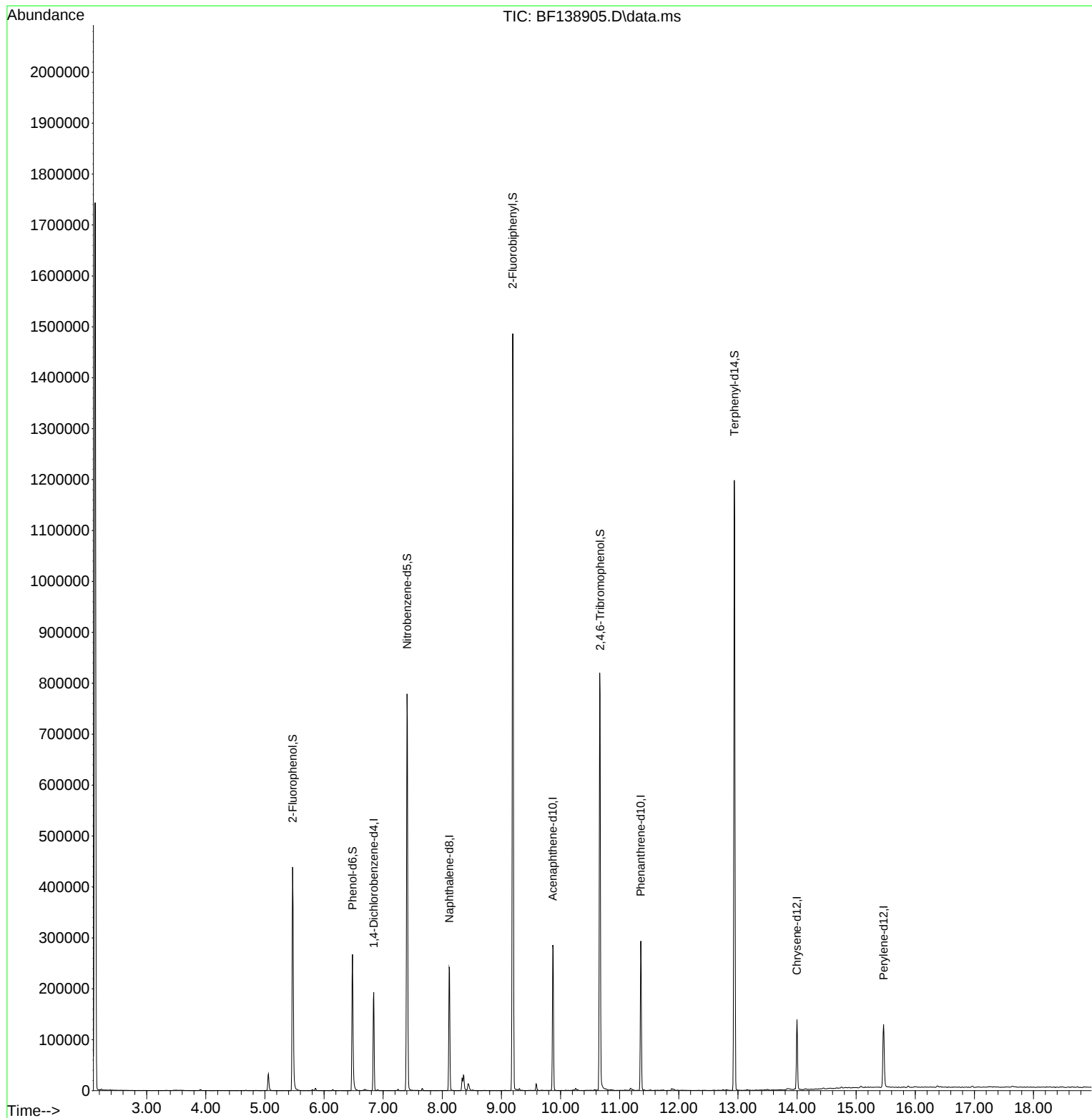
Target Compounds	Qvalue

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

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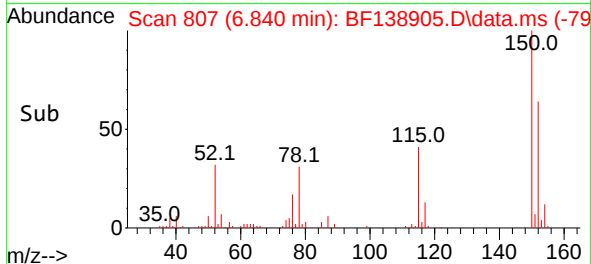
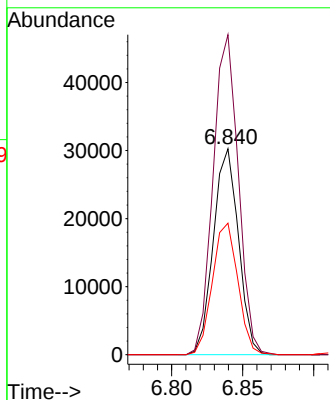
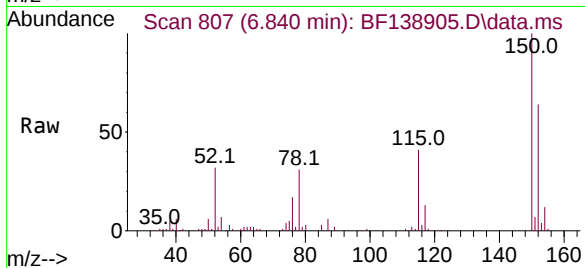




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

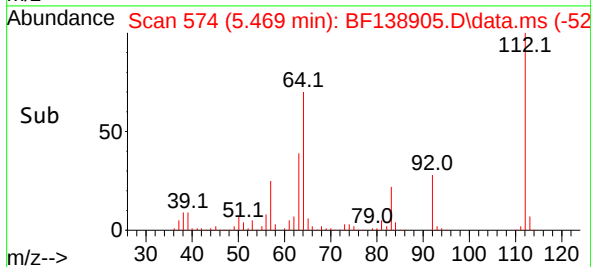
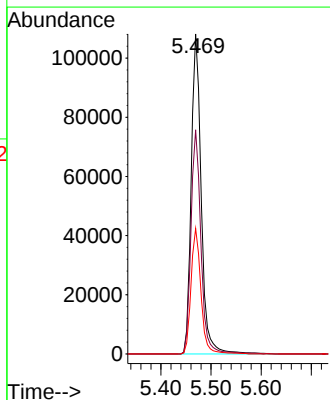
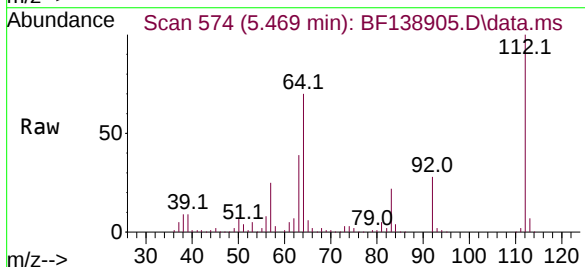
Instrument :
BNA_F
ClientSampleId :
TS08

Tgt Ion:152 Resp: 37182
Ion Ratio Lower Upper
152 100
150 155.4 126.0 189.0
115 63.9 51.7 77.5



#5
2-Fluorophenol
Concen: 62.065 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

Tgt Ion:112 Resp: 149495
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 39.2 28.7 43.1

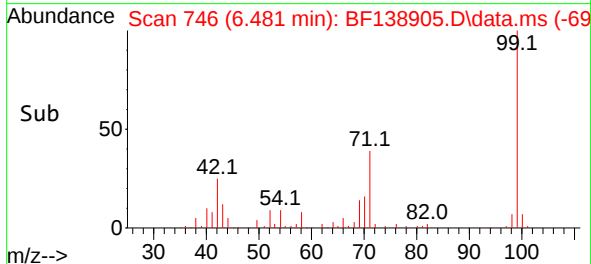
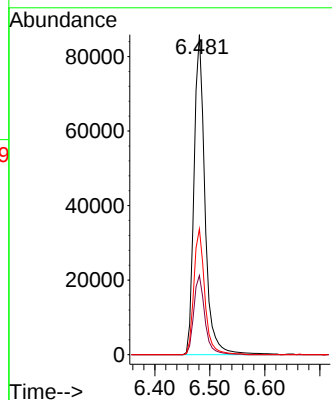
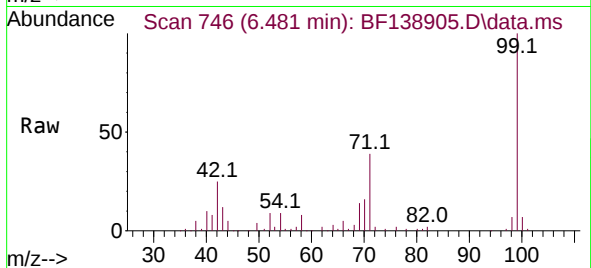




#7
Phenol-d6
Concen: 36.688 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

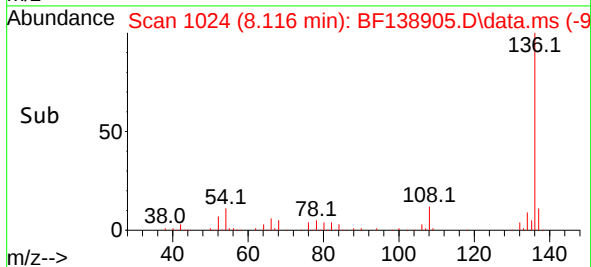
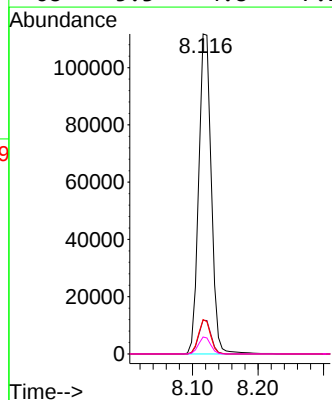
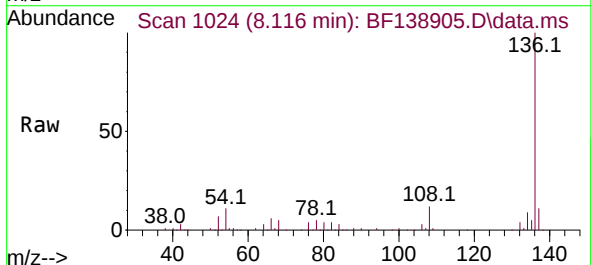
Instrument :
BNA_F
ClientSampleId :
TS08

Tgt Ion: 99 Resp: 118647
Ion Ratio Lower Upper
99 100
42 24.7 17.4 26.0
71 39.3 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: BF138905.D
Acq: 10 Aug 2024 12:46

Tgt Ion: 136 Resp: 149406
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 10.7 8.6 12.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 113.179 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138905.D

Acq: 10 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TS08

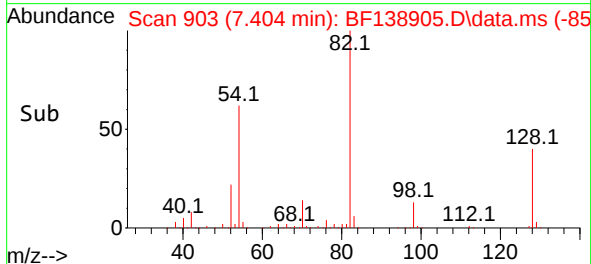
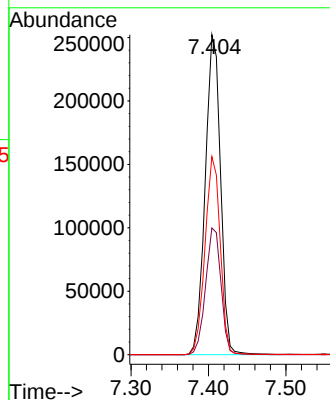
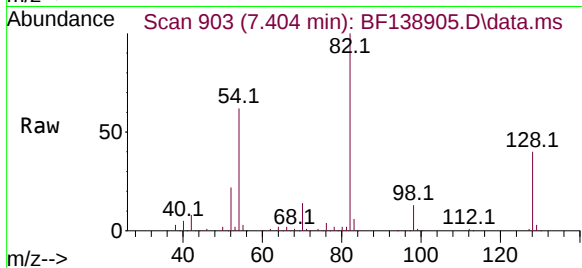
Tgt Ion: 82 Resp: 345860

Ion Ratio Lower Upper

82 100

128 39.6 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: BF138905.D

Acq: 10 Aug 2024 12:46

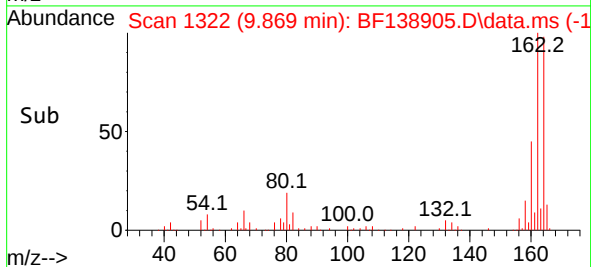
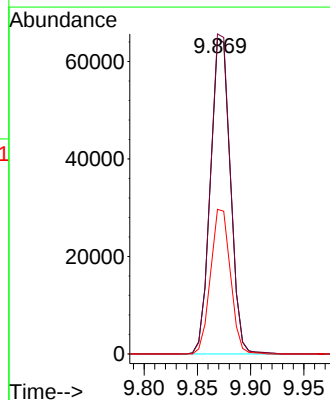
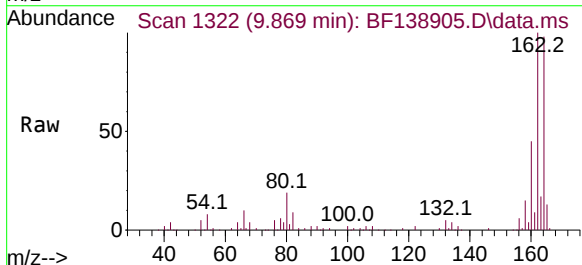
Tgt Ion:164 Resp: 84158

Ion Ratio Lower Upper

164 100

162 101.5 79.4 119.0

160 45.9 35.1 52.7

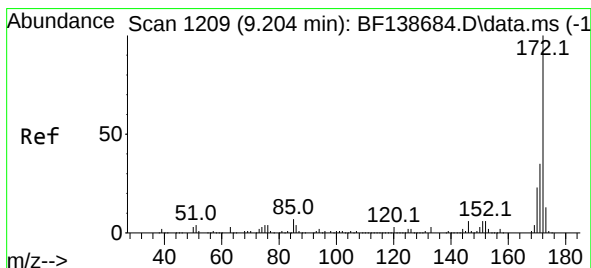
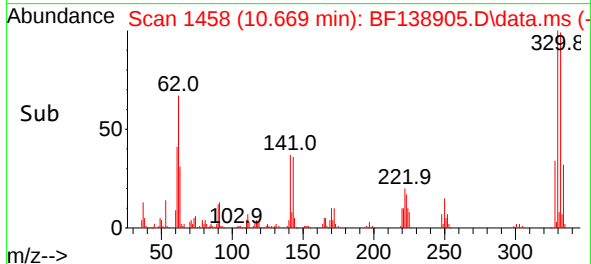
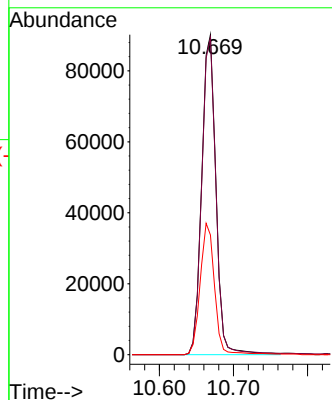
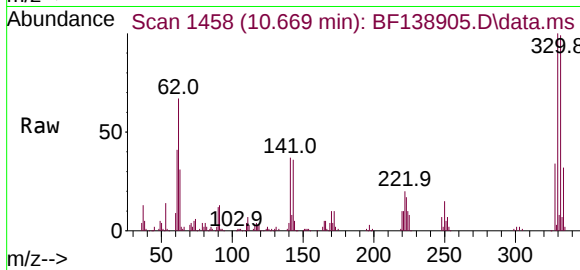




#42
2,4,6-Tribromophenol
Concen: 174.348 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

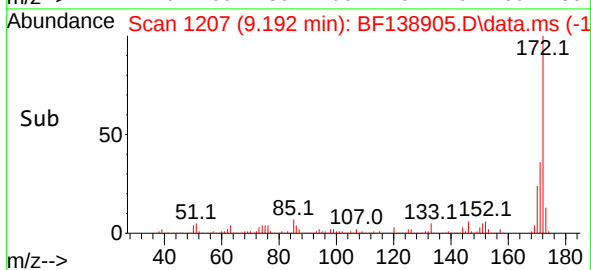
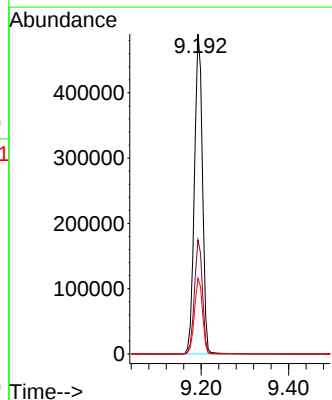
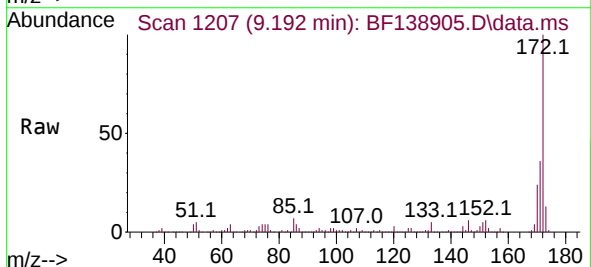
Instrument :
BNA_F
ClientSampleId :
TS08

Tgt Ion:330 Resp: 120190
Ion Ratio Lower Upper
330 100
332 99.8 76.4 114.6
141 41.6 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 112.233 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

Tgt Ion:172 Resp: 628640
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.7 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138905.D

Acq: 10 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

TS08

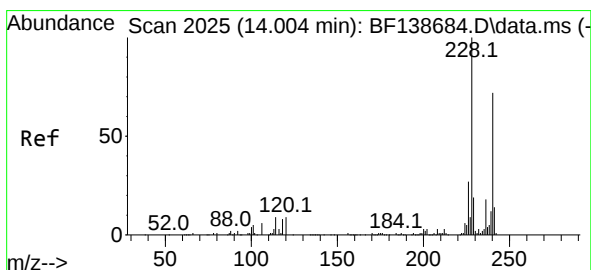
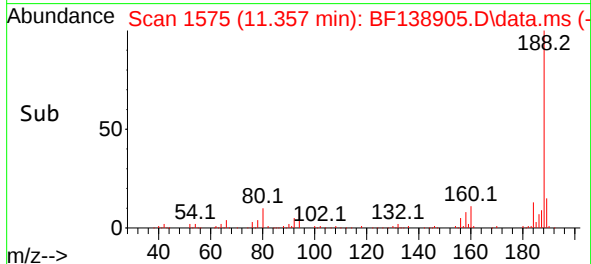
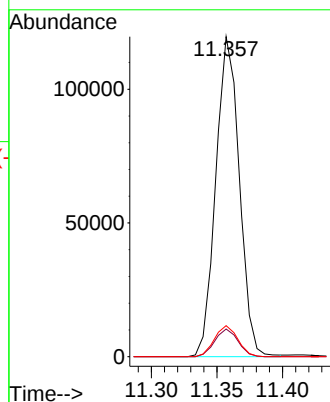
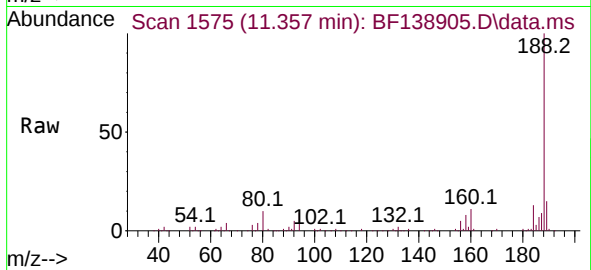
Tgt Ion:188 Resp: 149287

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.7 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: BF138905.D

Acq: 10 Aug 2024 12:46

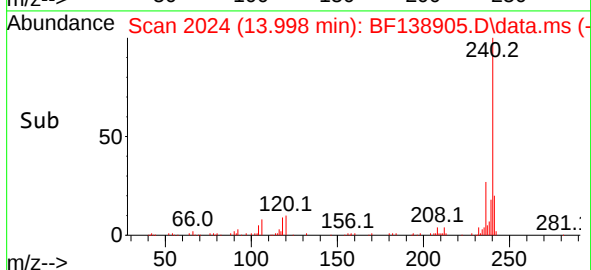
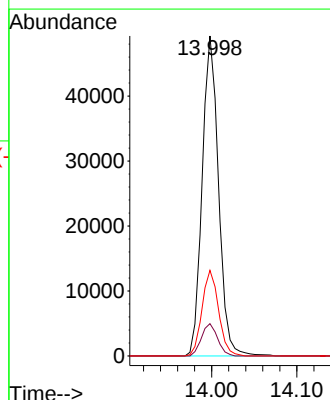
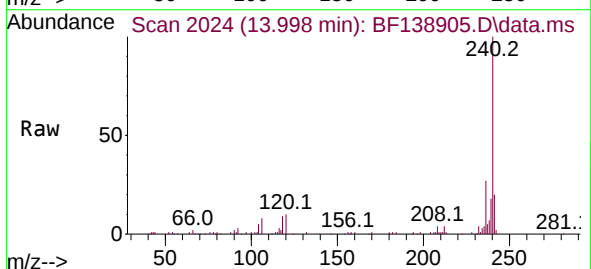
Tgt Ion:240 Resp: 65618

Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

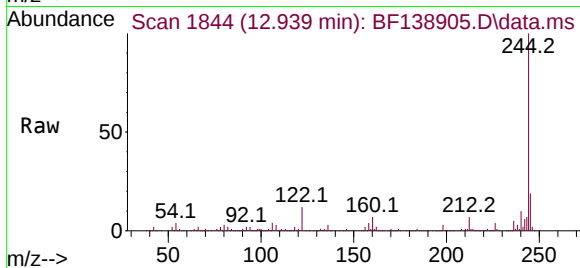
236 26.7 19.8 29.8



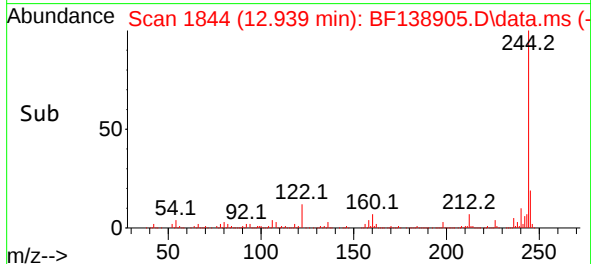
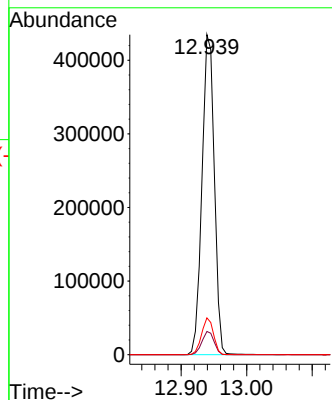


#79
Terphenyl-d14
Concen: 145.457 ng
RT: 12.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138905.D
Acq: 10 Aug 2024 12:46

Instrument :
BNA_F
ClientSampleId :
TS08



Tgt Ion:244 Resp: 570074
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.5 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: BF138905.D
Acq: 10 Aug 2024 12:46

Tgt Ion:264 Resp: 78556
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 20.7 17.0 25.6

