

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081324\
 Data File : BF138985.D
 Acq On : 13 Aug 2024 21:04
 Operator : RC/JU
 Sample : PB162562TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162562TB

Quant Time: Aug 14 00:38:03 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	6.839	152	48163	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	194986	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	110980	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	196314	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	90603	20.000	ng	0.00
86) Perylene-d12	15.468	264	66975	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	414583	132.876	ng	0.01
7) Phenol-d6	6.487	99	550919	131.515	ng	0.00
23) Nitrobenzene-d5	7.404	82	365393	91.620	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	120350	132.387	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	681758	92.299	ng	-0.01
79) Terphenyl-d14	12.939	244	673014	124.367	ng	0.00

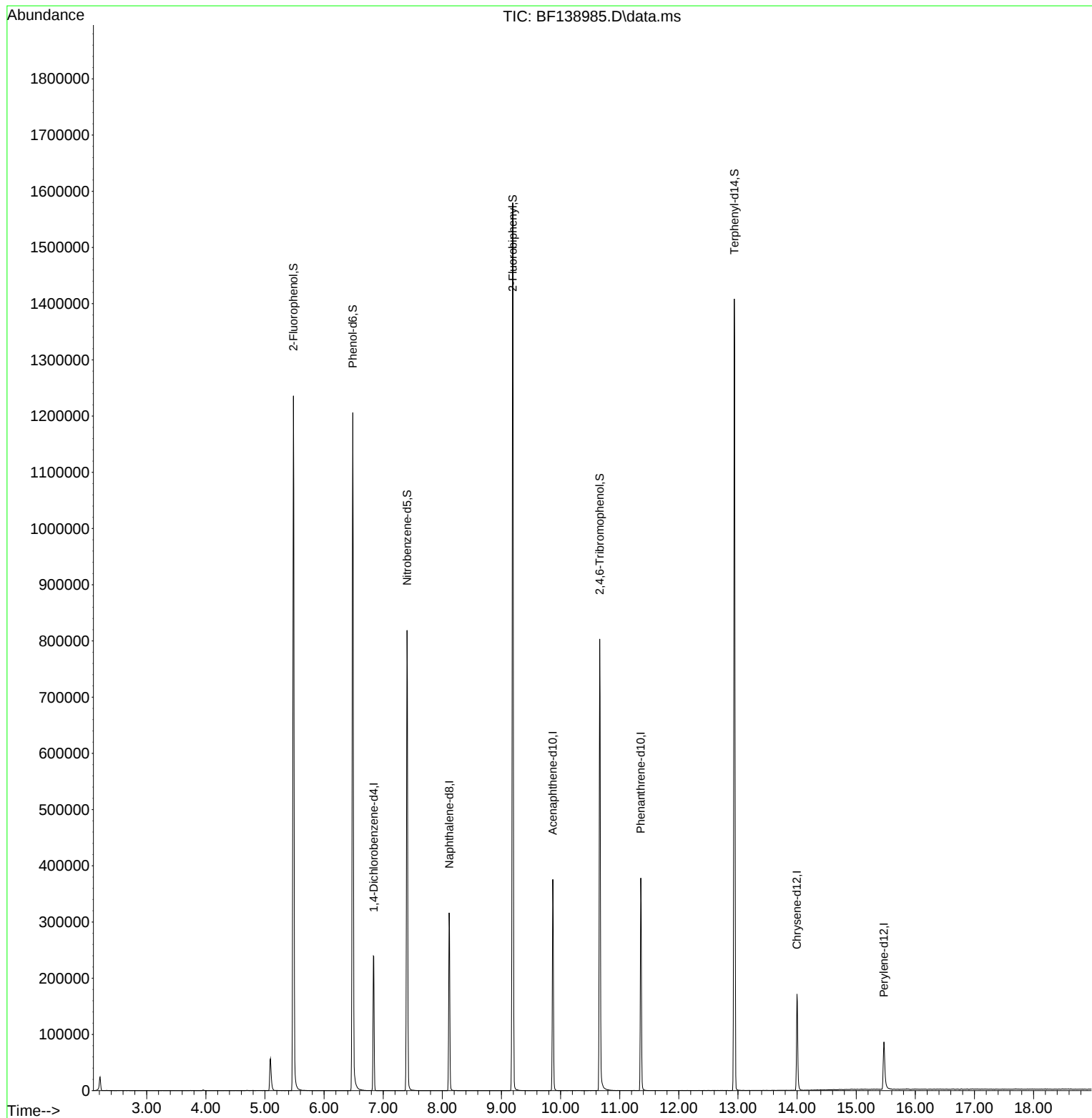
Target Compounds	Qvalue

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

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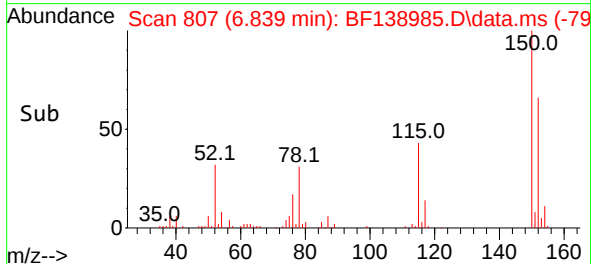
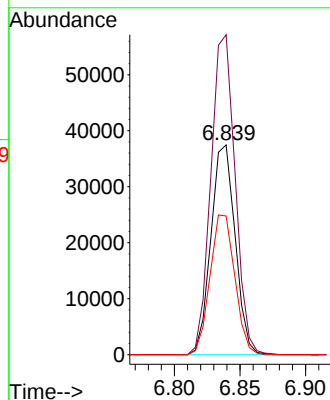
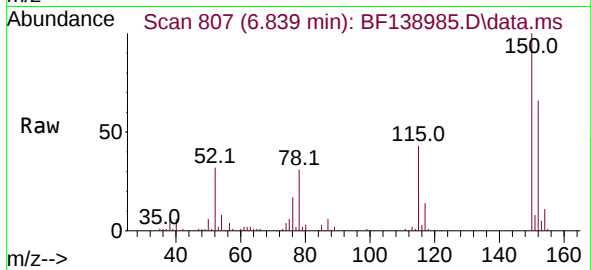




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138985.D
Acq: 13 Aug 2024 21:04

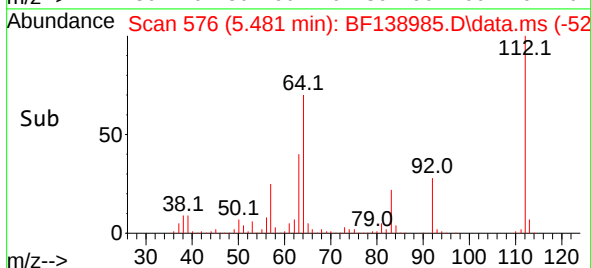
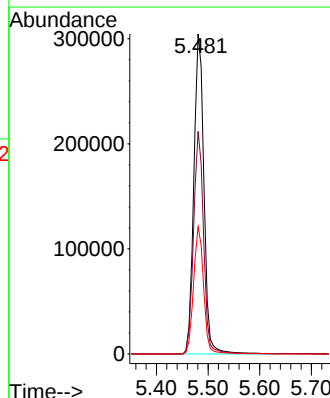
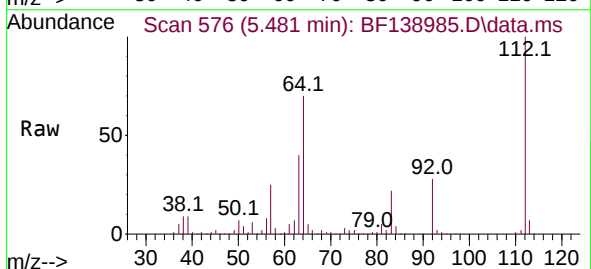
Instrument :
BNA_F
ClientSampleId :
PB162562TB

Tgt Ion:152 Resp: 48163
Ion Ratio Lower Upper
152 100
150 152.6 126.0 189.0
115 66.2 51.7 77.5



#5
2-Fluorophenol
Concen: 132.876 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138985.D
Acq: 13 Aug 2024 21:04

Tgt Ion:112 Resp: 414583
Ion Ratio Lower Upper
112 100
64 69.5 54.2 81.4
63 39.8 28.7 43.1

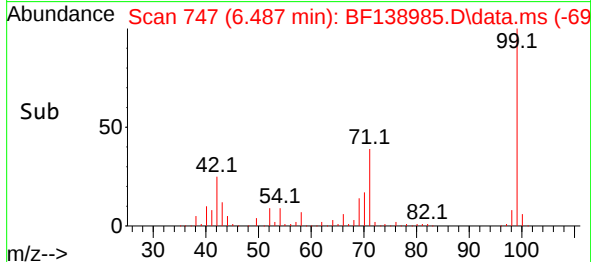
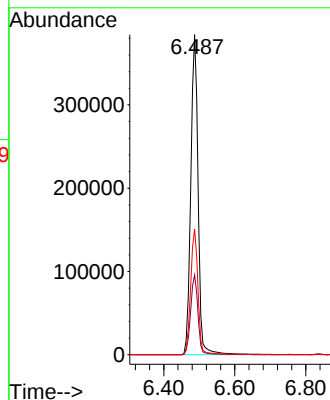
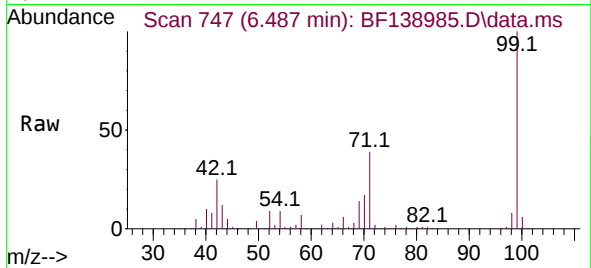




#7
Phenol-d6
Concen: 131.515 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138985.D
Acq: 13 Aug 2024 21:04

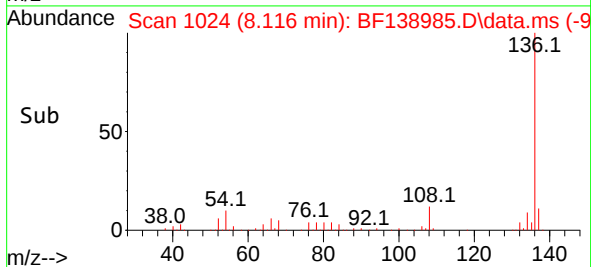
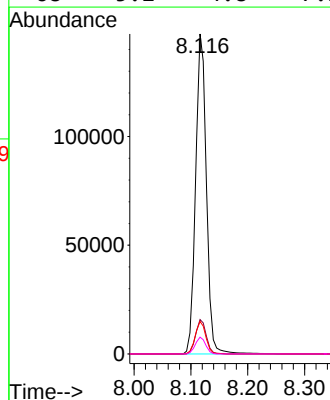
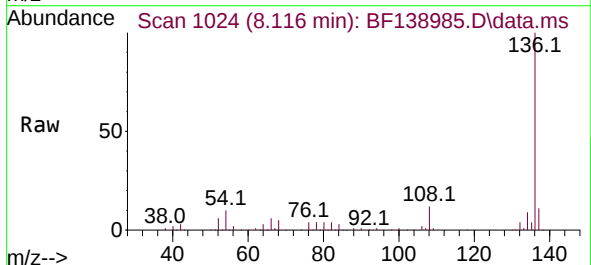
Instrument :
BNA_F
ClientSampleId :
PB162562TB

Tgt Ion: 99 Resp: 550919
Ion Ratio Lower Upper
99 100
42 24.9 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: BF138985.D
Acq: 13 Aug 2024 21:04

Tgt Ion: 136 Resp: 194986
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.2 8.6 12.8
68 5.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 91.620 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138985.D

Acq: 13 Aug 2024 21:04

Instrument :

BNA_F

ClientSampleId :

PB162562TB

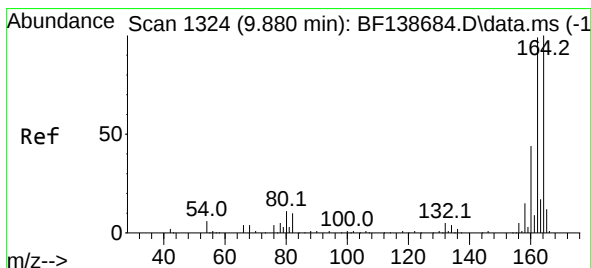
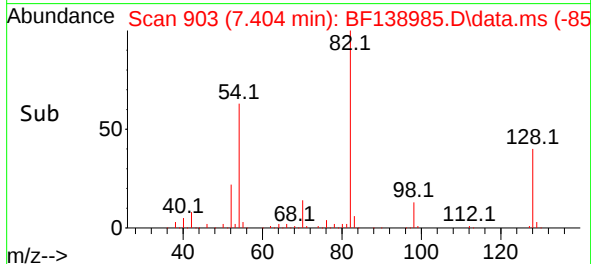
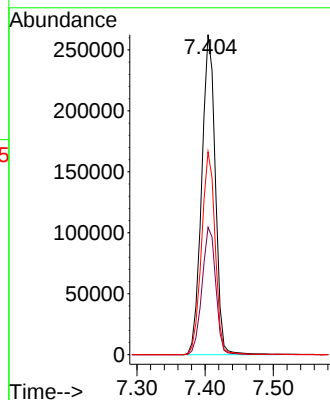
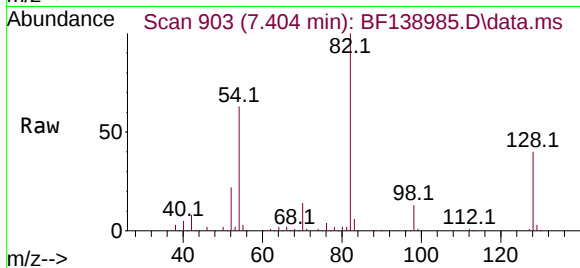
Tgt Ion: 82 Resp: 365393

Ion Ratio Lower Upper

82 100

128 39.8 32.8 49.2

54 63.4 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: BF138985.D

Acq: 13 Aug 2024 21:04

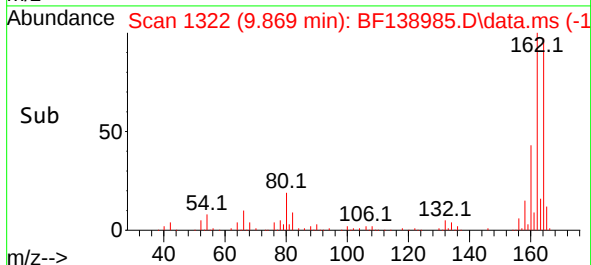
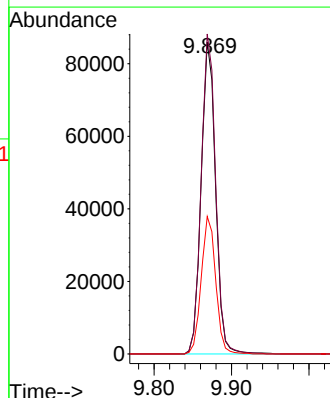
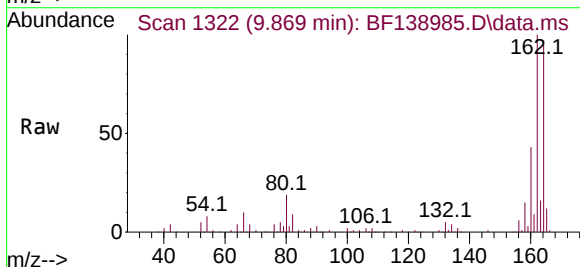
Tgt Ion:164 Resp: 110980

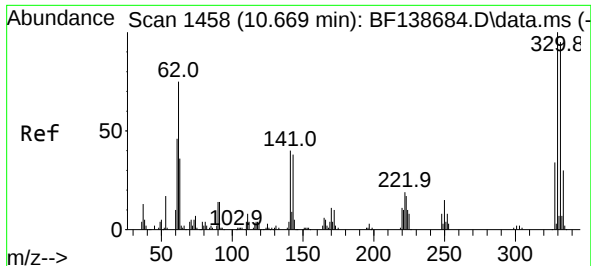
Ion Ratio Lower Upper

164 100

162 102.6 79.4 119.0

160 44.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 132.387 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138985.D

Acq: 13 Aug 2024 21:04

Instrument :

BNA_F

ClientSampleId :

PB162562TB

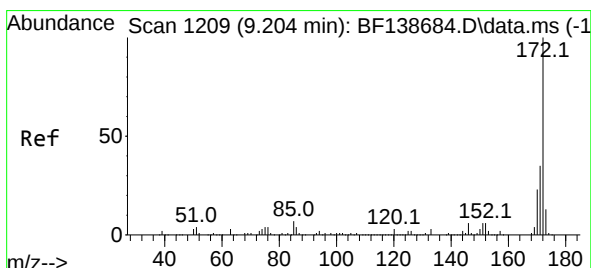
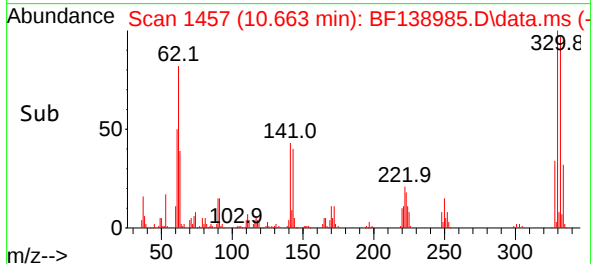
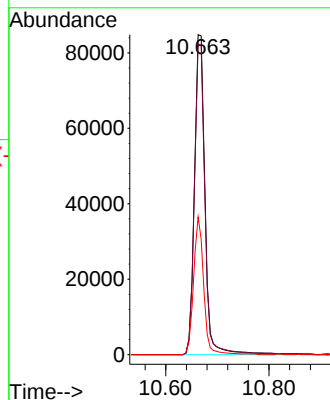
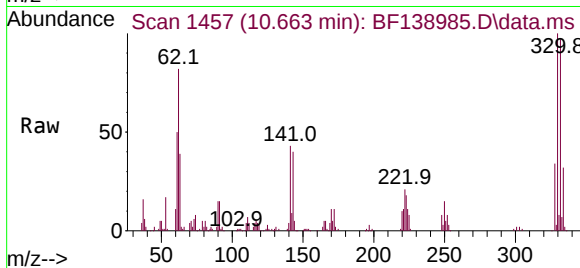
Tgt Ion:330 Resp: 120350

Ion Ratio Lower Upper

330 100

332 96.4 76.4 114.6

141 40.8 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 92.299 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138985.D

Acq: 13 Aug 2024 21:04

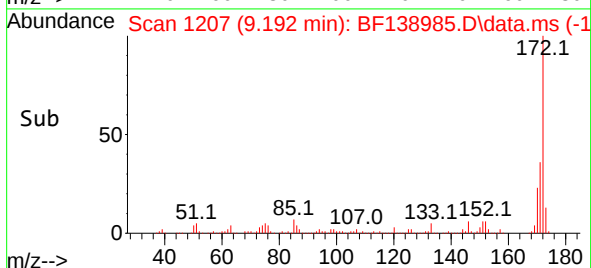
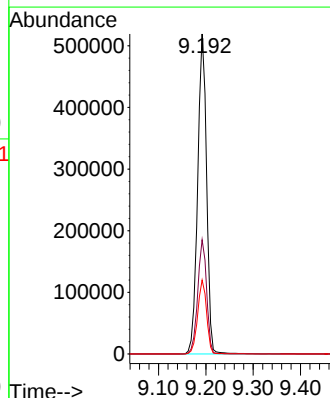
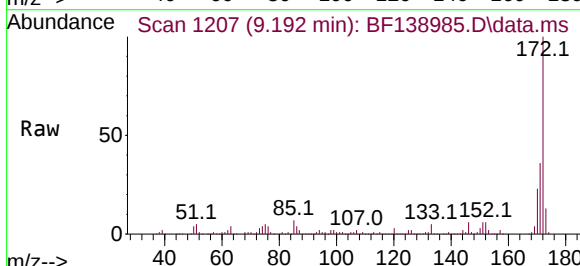
Tgt Ion:172 Resp: 681758

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

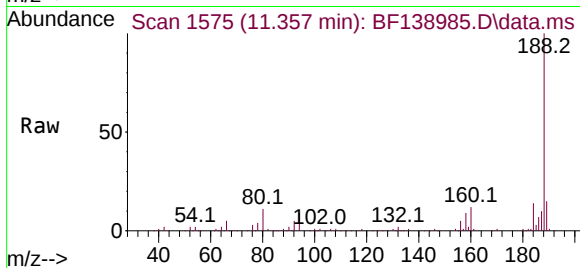
170 23.1 18.8 28.2



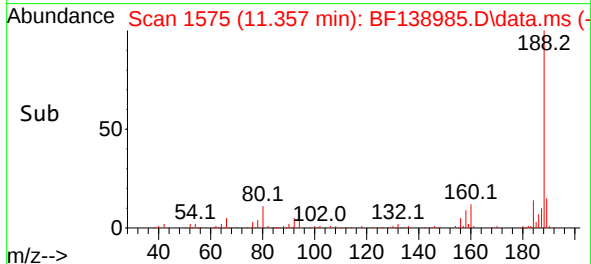
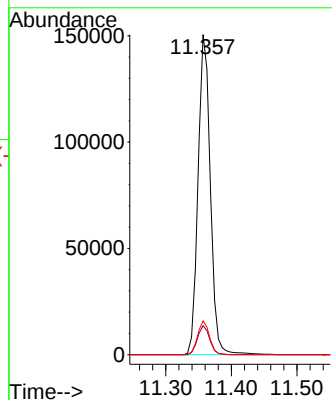


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138985.D
Acq: 13 Aug 2024 21:04

Instrument :
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PB162562TB

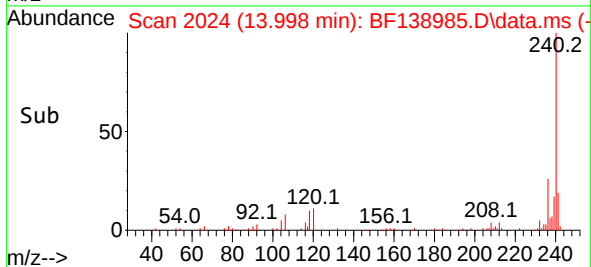
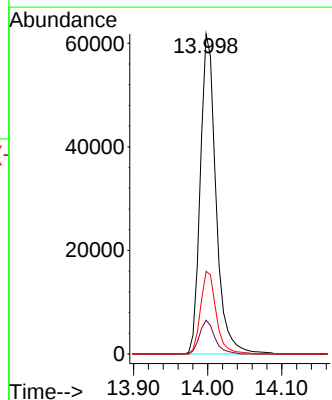
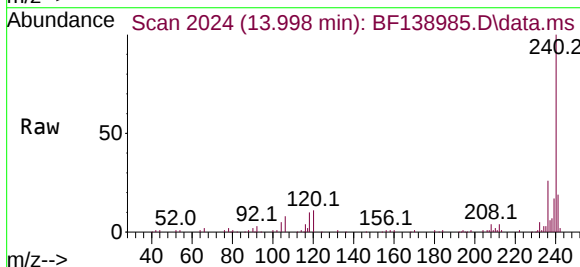


Tgt Ion:188 Resp: 196314
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 10.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138985.D
Acq: 13 Aug 2024 21:04

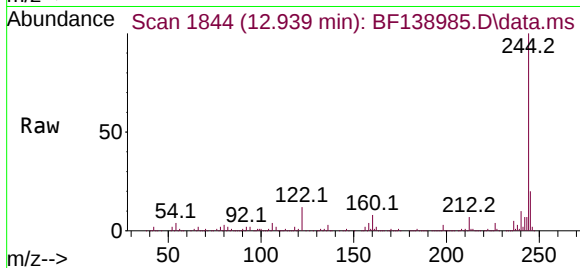
Tgt Ion:240 Resp: 90603
Ion Ratio Lower Upper
240 100
120 10.5 10.2 15.4
236 25.9 19.8 29.8



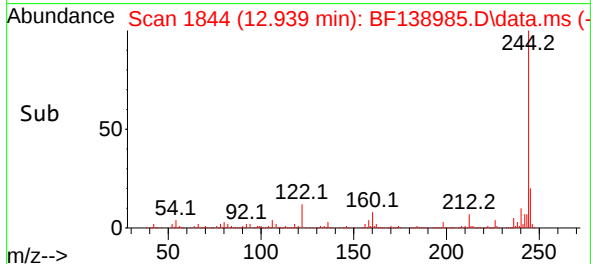
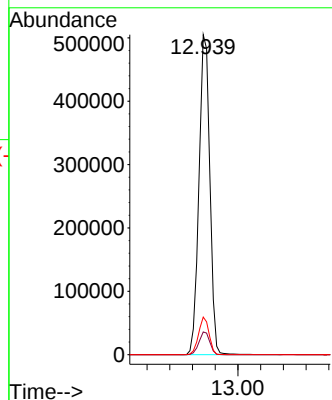


#79
Terphenyl-d14
Concen: 124.367 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138985.D
Acq: 13 Aug 2024 21:04

Instrument :
BNA_F
ClientSampleId :
PB162562TB



Tgt Ion:244 Resp: 673014
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 11.8 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138985.D
Acq: 13 Aug 2024 21:04

Tgt Ion:264 Resp: 66975
Ion Ratio Lower Upper
264 100
260 24.8 19.0 28.6
265 21.7 17.0 25.6

