

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138936.D
 Acq On : 12 Aug 2024 16:16
 Operator : RC/JU
 Sample : P3394-02RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB02RE

Quant Time: Aug 12 16:55:34 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	43372	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	165395	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	72842	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	97716	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	83335	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	63063	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	327794	116.665	ng	0.00
7) Phenol-d6	6.487	99	424715	112.587	ng	0.00
23) Nitrobenzene-d5	7.404	82	286422	84.667	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	59326	99.428	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	457501	94.368	ng	-0.01
79) Terphenyl-d14	12.939	244	344295	69.172	ng	0.00

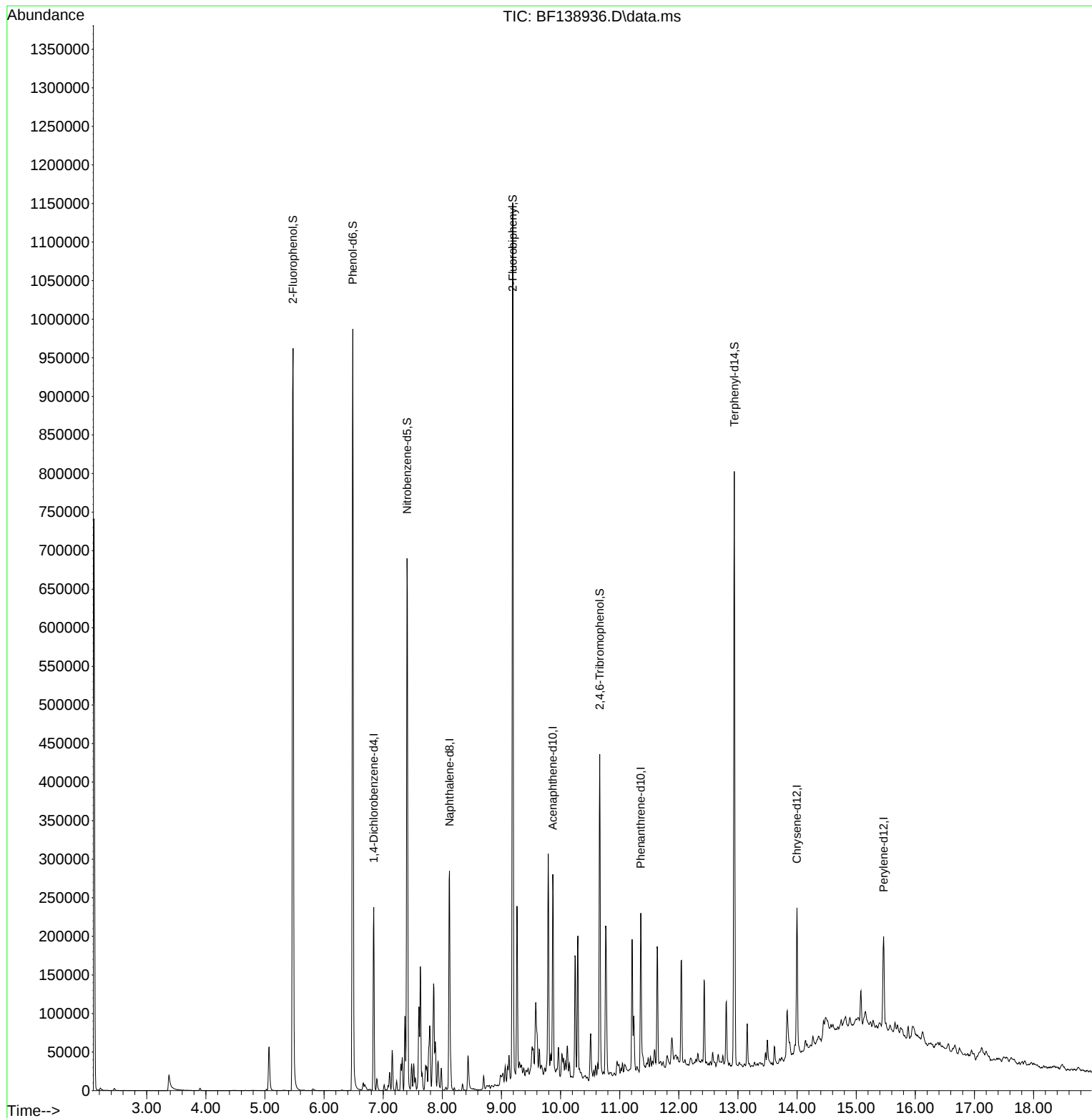
Target Compounds	Qvalue

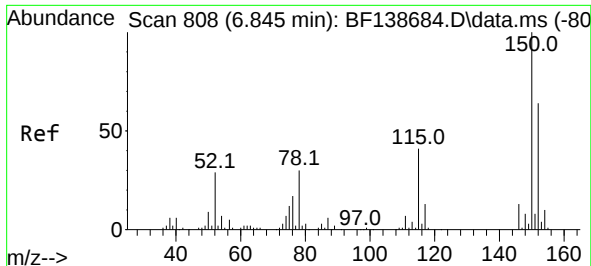
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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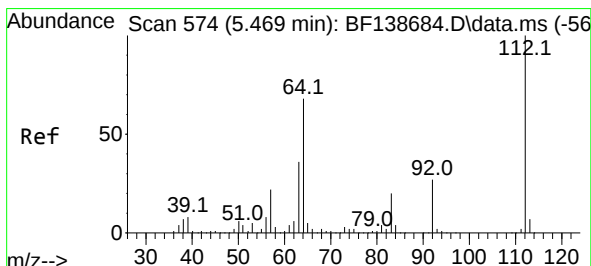
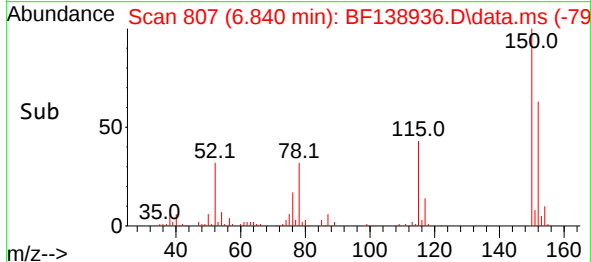
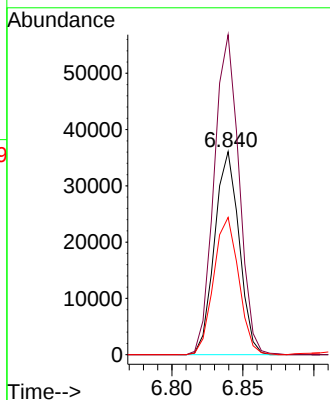
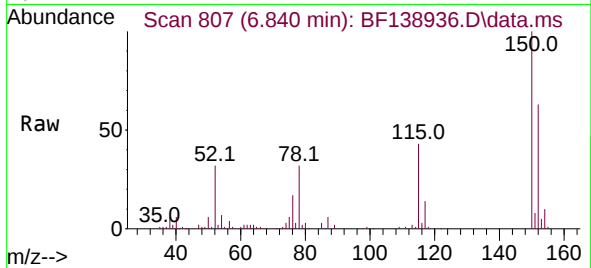




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138936.D
Acq: 12 Aug 2024 16:16

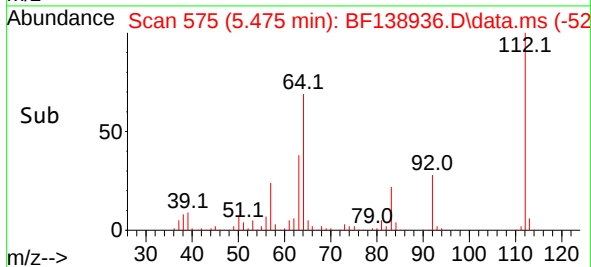
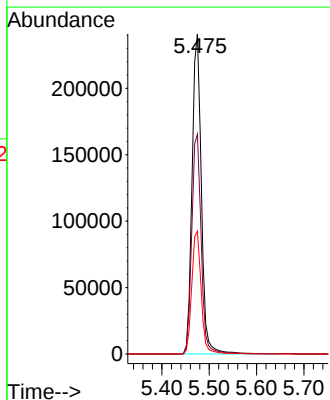
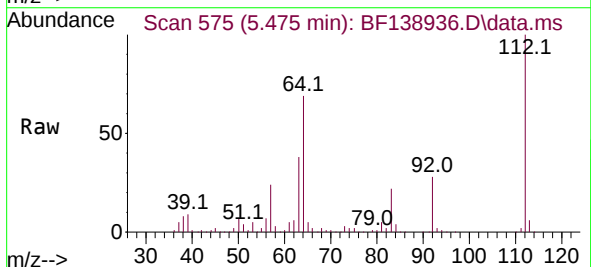
Instrument :
BNA_F
ClientSampleId :
B-105-SB02RE

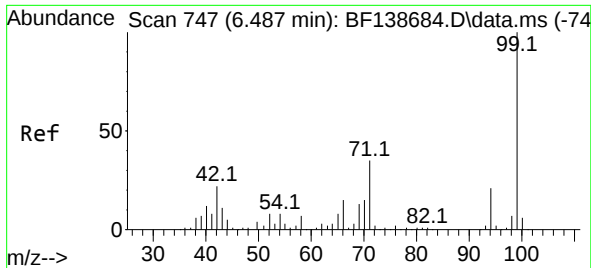
Tgt Ion:152 Resp: 43372
Ion Ratio Lower Upper
152 100
150 157.6 126.0 189.0
115 67.6 51.7 77.5



#5
2-Fluorophenol
Concen: 116.665 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138936.D
Acq: 12 Aug 2024 16:16

Tgt Ion:112 Resp: 327794
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 38.4 28.7 43.1

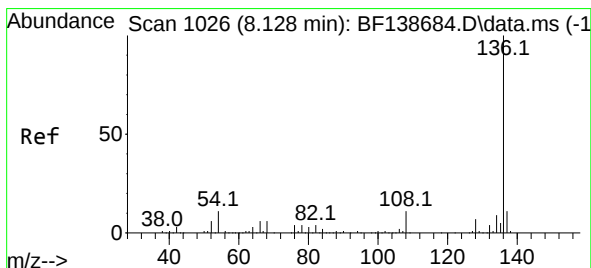
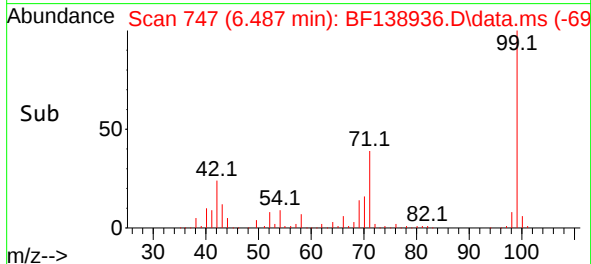
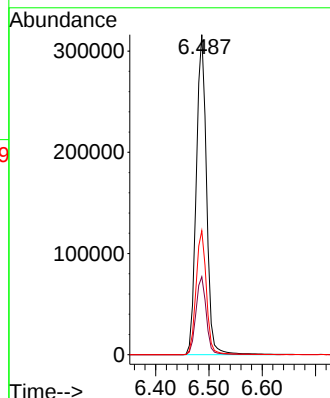
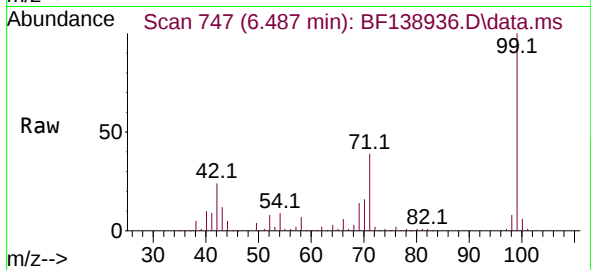




#7
Phenol-d6
Concen: 112.587 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138936.D
Acq: 12 Aug 2024 16:16

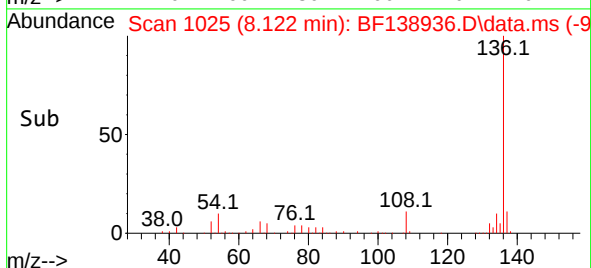
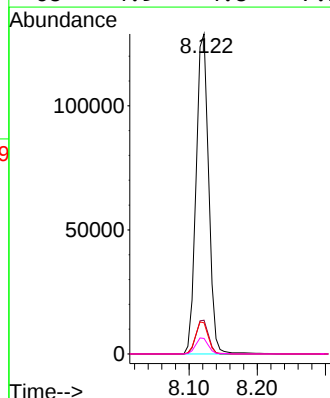
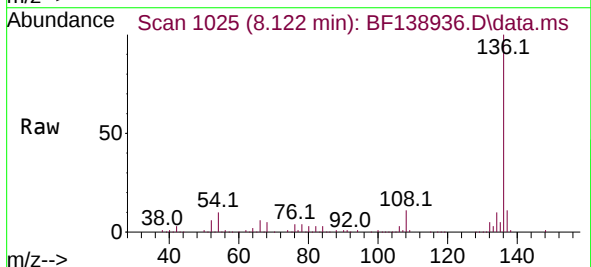
Instrument :
BNA_F
ClientSampleId :
B-105-SB02RE

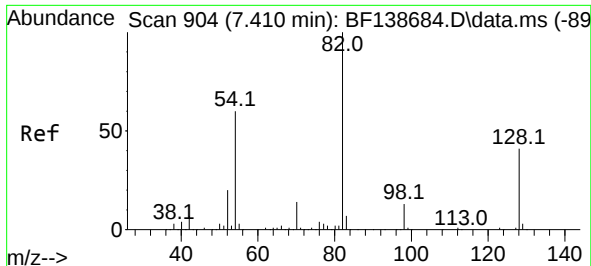
Tgt Ion: 99 Resp: 424715
Ion Ratio Lower Upper
99 100
42 24.4 17.4 26.0
71 38.7 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138936.D
Acq: 12 Aug 2024 16:16

Tgt Ion:136 Resp: 165395
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.8 8.6 12.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 84.667 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138936.D

Acq: 12 Aug 2024 16:16

Instrument :

BNA_F

ClientSampleId :

B-105-SB02RE

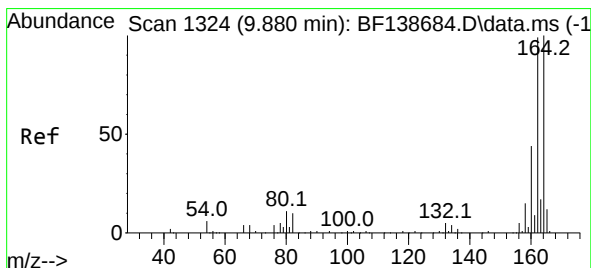
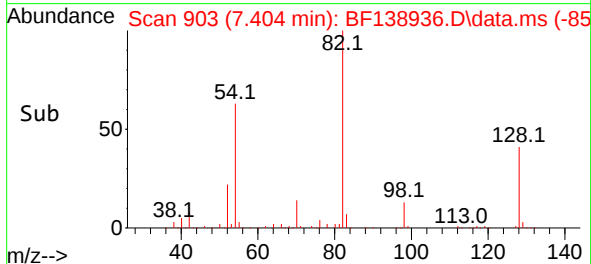
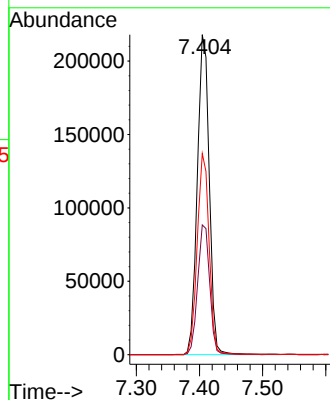
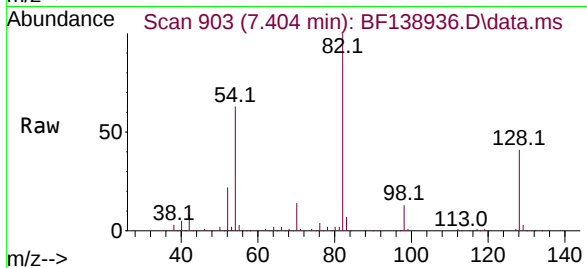
Tgt Ion: 82 Resp: 286422

Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 62.9 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: BF138936.D

Acq: 12 Aug 2024 16:16

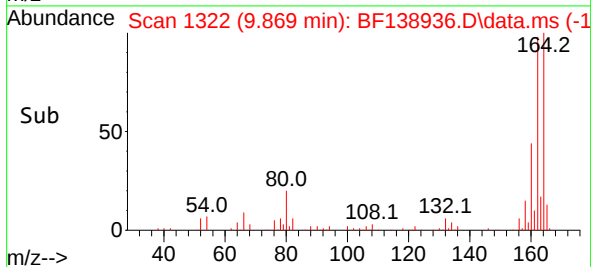
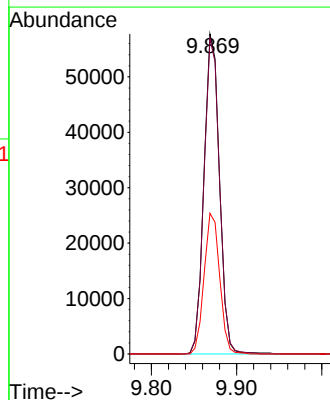
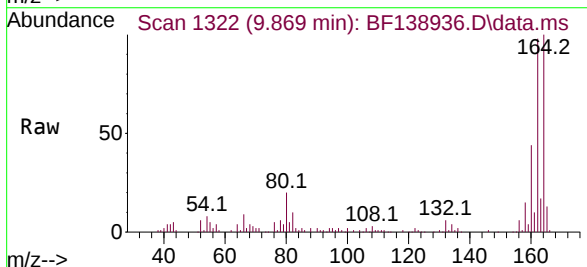
Tgt Ion: 164 Resp: 72842

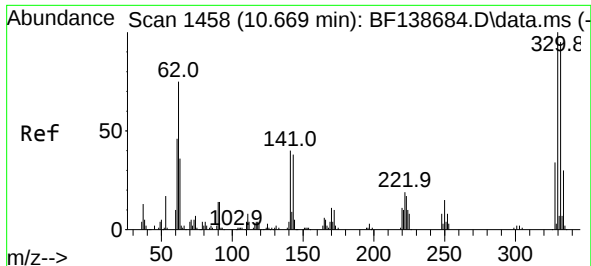
Ion Ratio Lower Upper

164 100

162 98.4 79.4 119.0

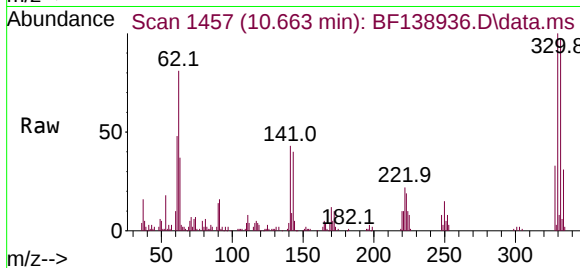
160 44.0 35.1 52.7



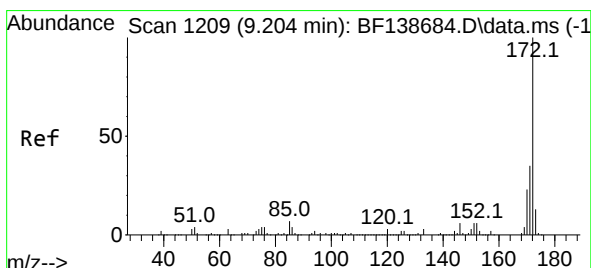
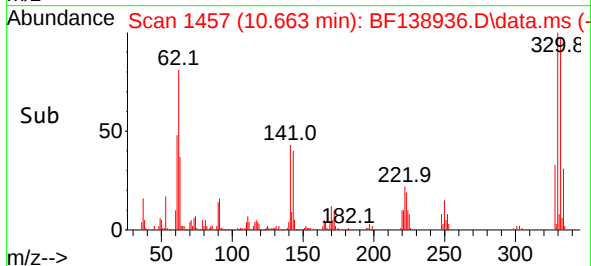
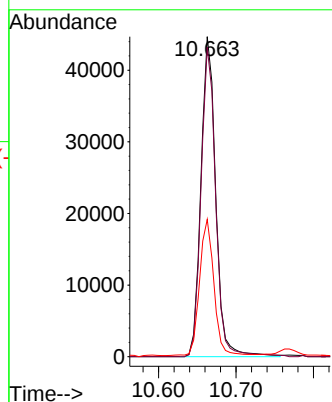


#42
2,4,6-Tribromophenol
Concen: 99.428 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138936.D
Acq: 12 Aug 2024 16:16

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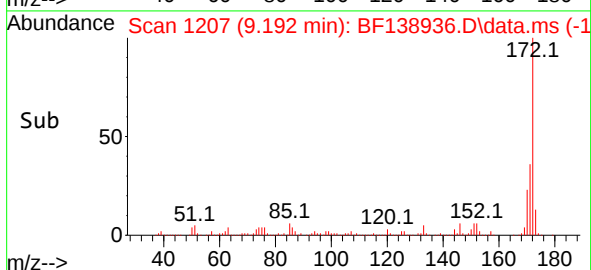
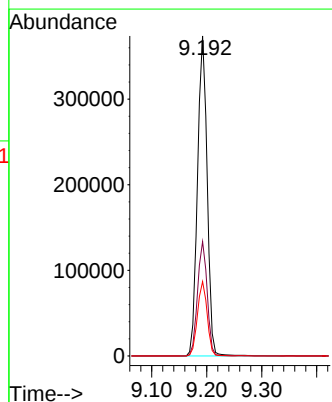
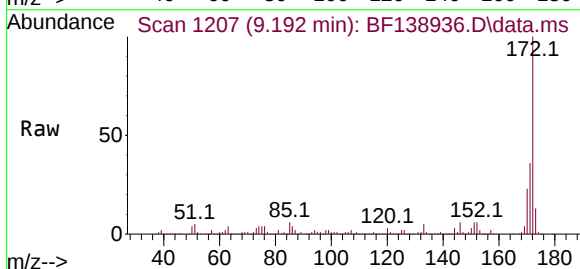


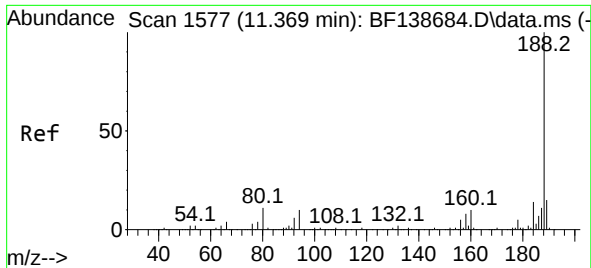
Tgt Ion:330 Resp: 59326
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 41.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 94.368 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138936.D
Acq: 12 Aug 2024 16:16

Tgt Ion:172 Resp: 457501
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.2 18.8 28.2

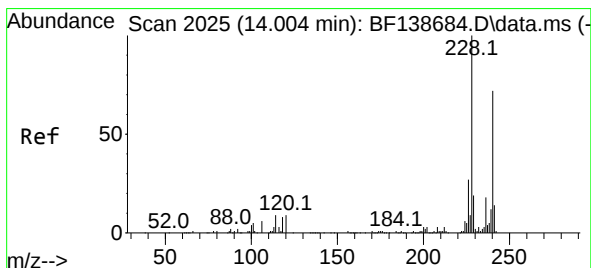
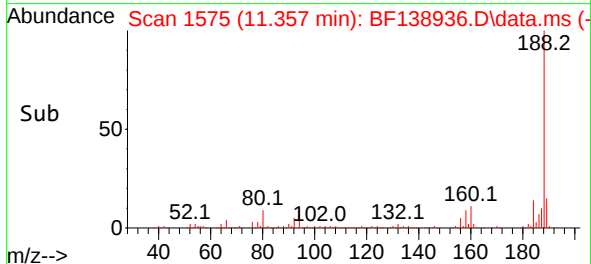
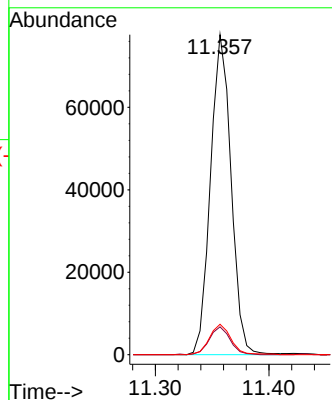
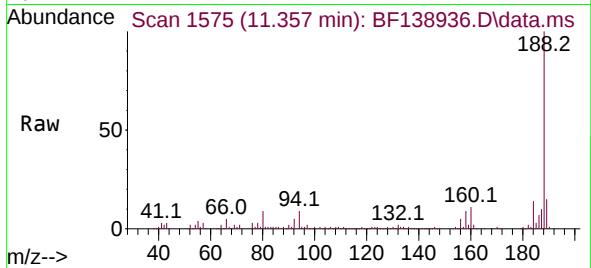




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138936.D
Acq: 12 Aug 2024 16:16

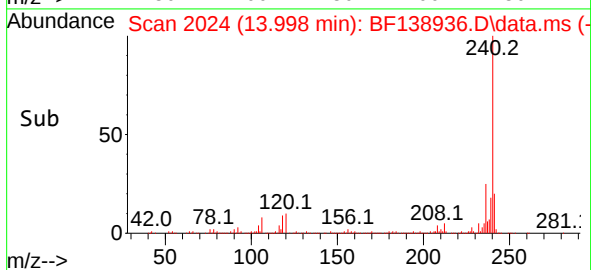
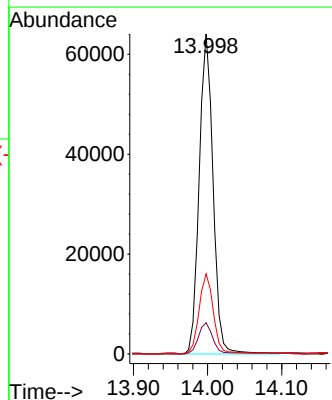
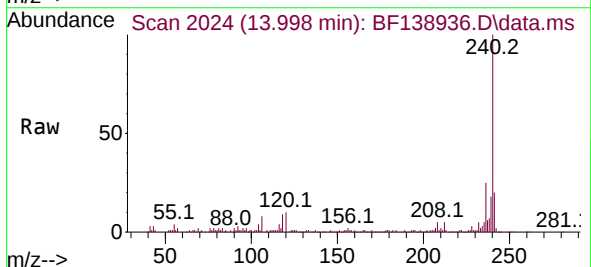
Instrument :
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ClientSampleId :
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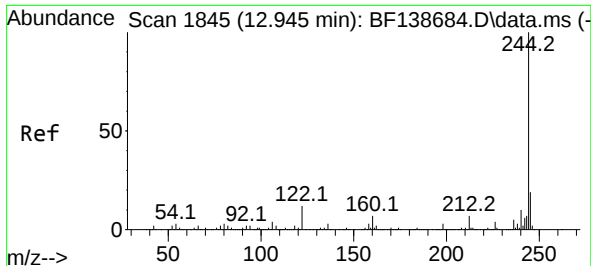
Tgt Ion:188 Resp: 97716
Ion Ratio Lower Upper
188 100
94 8.7 7.6 11.4
80 9.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138936.D
Acq: 12 Aug 2024 16:16

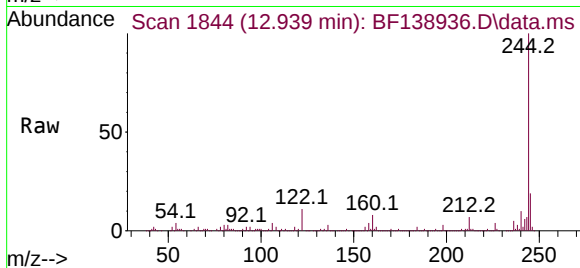
Tgt Ion:240 Resp: 83335
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4#
236 25.1 19.8 29.8



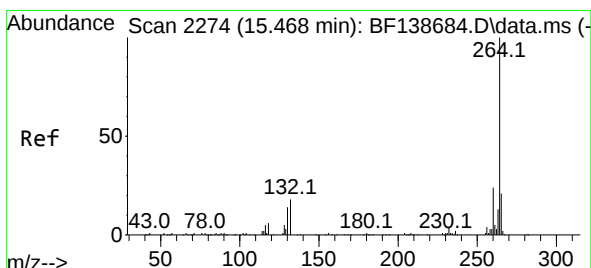
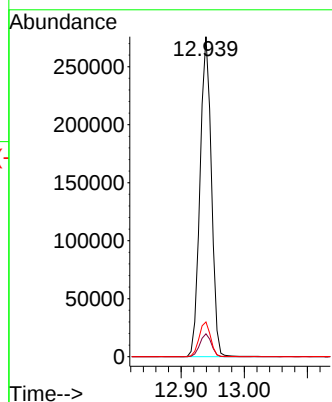
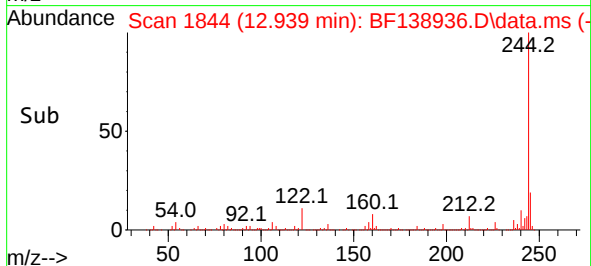


#79
Terphenyl-d14
Concen: 69.172 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138936.D
Acq: 12 Aug 2024 16:16

Instrument :
BNA_F
ClientSampleId :
B-105-SB02RE



Tgt Ion:244 Resp: 344295
Ion Ratio Lower Upper
244 100
212 7.1 5.4 8.2
122 10.8 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: BF138936.D
Acq: 12 Aug 2024 16:16

Tgt Ion:264 Resp: 63063
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.6
265 22.2 17.0 25.6

