

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080824\
 Data File : BF138877.D
 Acq On : 08 Aug 2024 21:05
 Operator : RC/JU
 Sample : P3394-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-105-SB01

Quant Time: Aug 09 01:03:19 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	37814	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	133936	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	59088	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	92078	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	75145	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	51197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	33118	13.520	ng	0.00
7) Phenol-d6	6.487	99	41406	12.590	ng	0.00
23) Nitrobenzene-d5	7.404	82	26852	9.802	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	5729	11.837	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	43643	11.098	ng	-0.01
79) Terphenyl-d14	12.933	244	41417	9.228	ng	-0.01

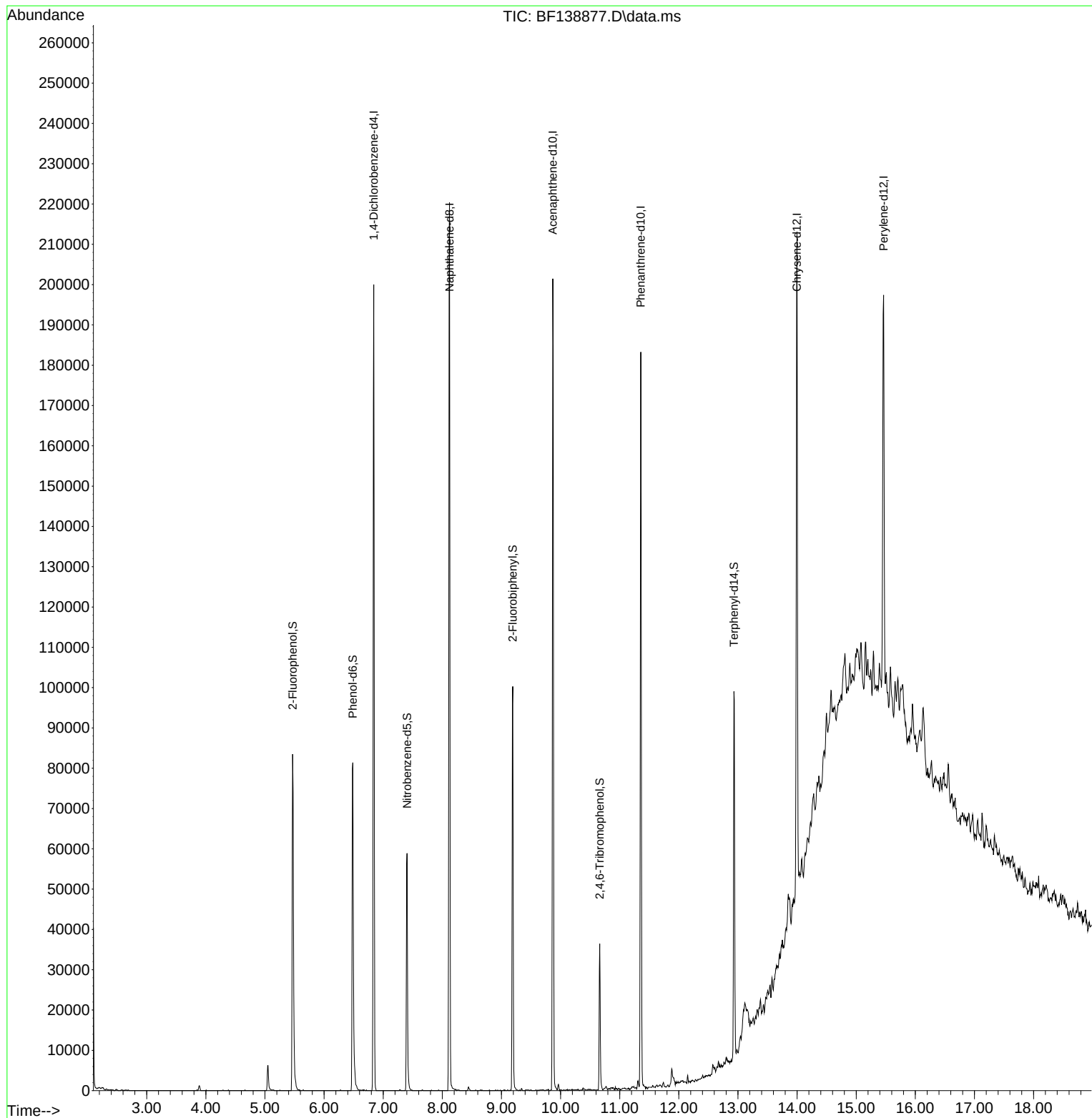
Target Compounds	Qvalue

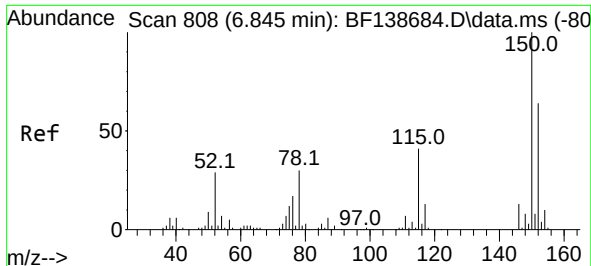
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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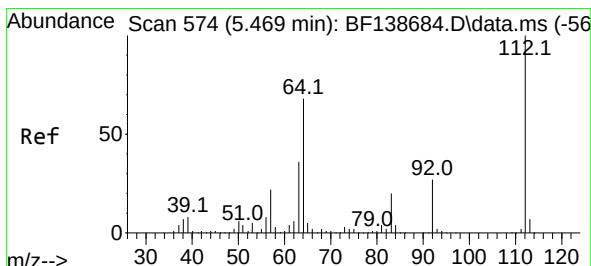
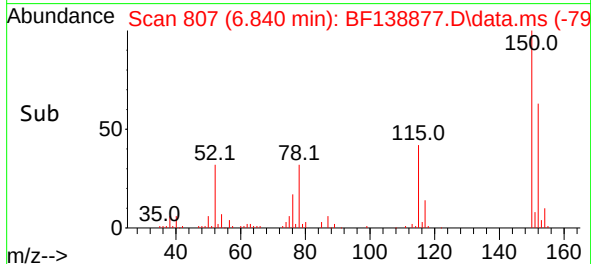
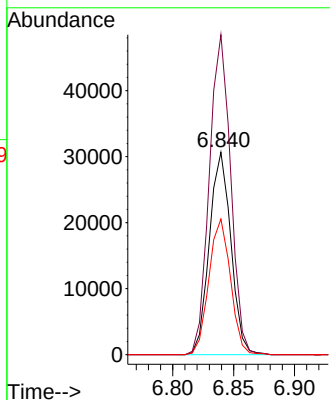
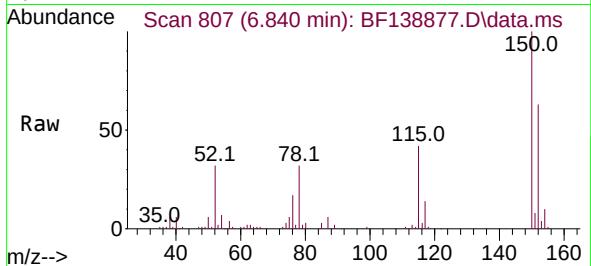




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138877.D
Acq: 08 Aug 2024 21:05

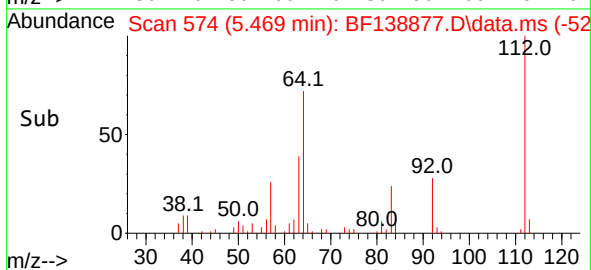
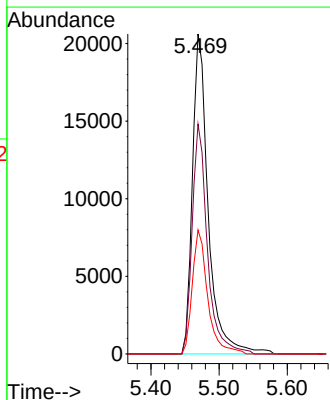
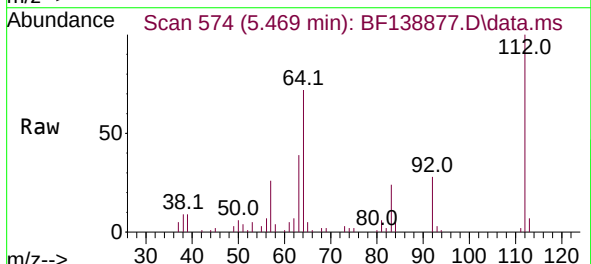
Instrument :
BNA_F
ClientSampleId :
B-105-SB01

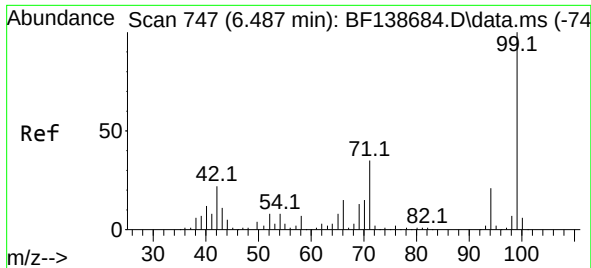
Tgt Ion:152 Resp: 37814
Ion Ratio Lower Upper
152 100
150 158.1 126.0 189.0
115 67.0 51.7 77.5



#5
2-Fluorophenol
Concen: 13.520 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138877.D
Acq: 08 Aug 2024 21:05

Tgt Ion:112 Resp: 33118
Ion Ratio Lower Upper
112 100
64 71.8 54.2 81.4
63 38.8 28.7 43.1

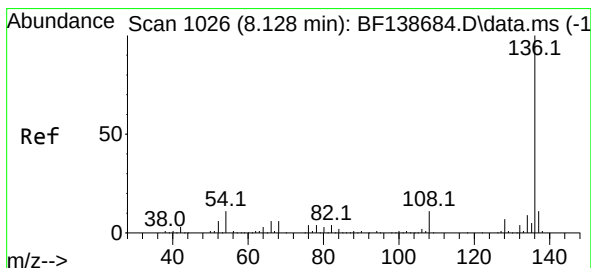
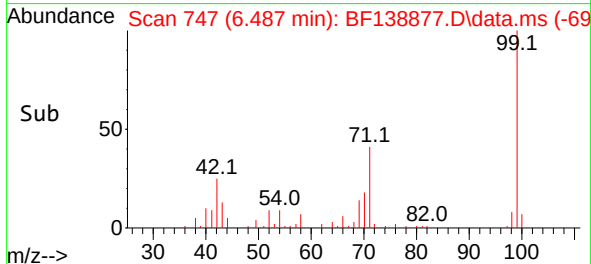
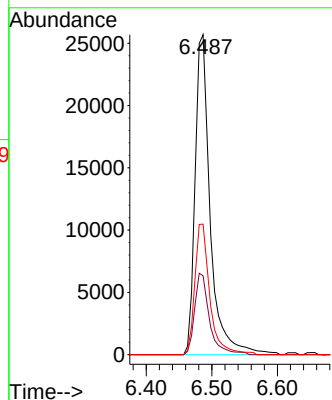
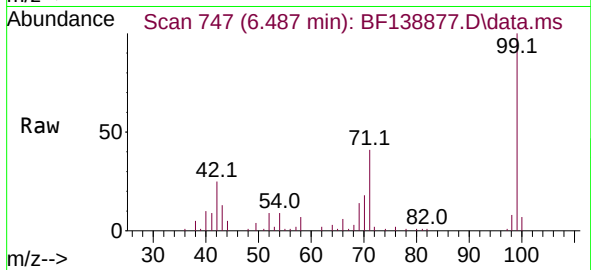




#7
Phenol-d6
Concen: 12.590 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF138877.D
Acq: 08 Aug 2024 21:05

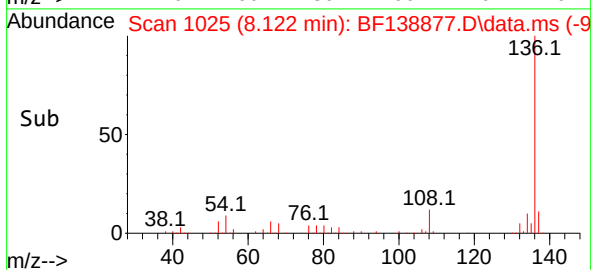
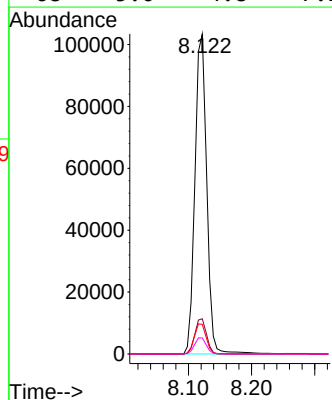
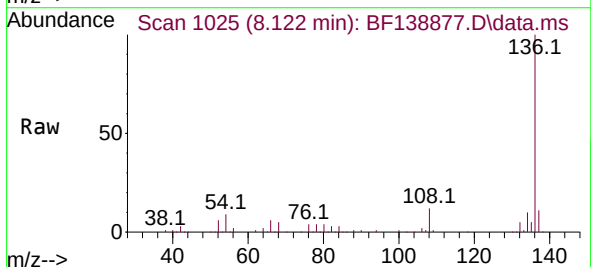
Instrument :
BNA_F
ClientSampleId :
B-105-SB01

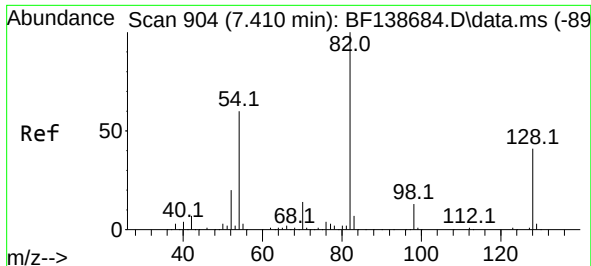
Tgt Ion: 99 Resp: 41406
Ion Ratio Lower Upper
99 100
42 24.6 17.4 26.0
71 40.8 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138877.D
Acq: 08 Aug 2024 21:05

Tgt Ion: 136 Resp: 133936
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.3 8.6 12.8
68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 9.802 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

Instrument :

BNA_F

ClientSampleId :

B-105-SB01

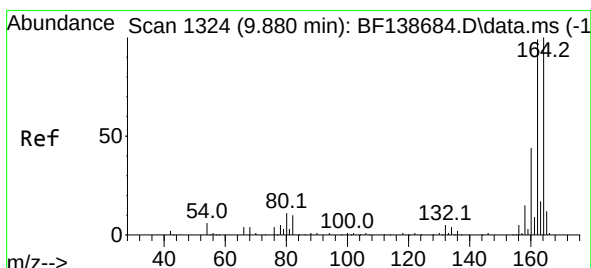
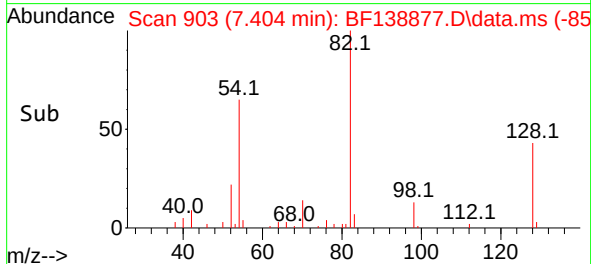
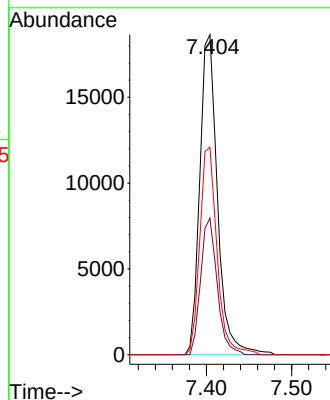
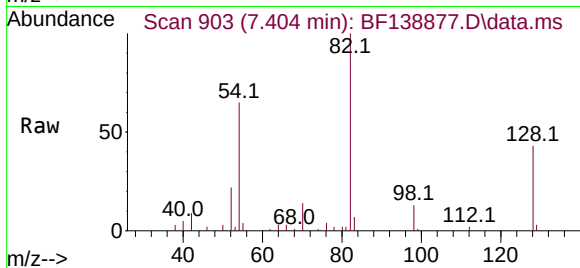
Tgt Ion: 82 Resp: 26852

Ion Ratio Lower Upper

82 100

128 42.7 32.8 49.2

54 64.8 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: BF138877.D

Acq: 08 Aug 2024 21:05

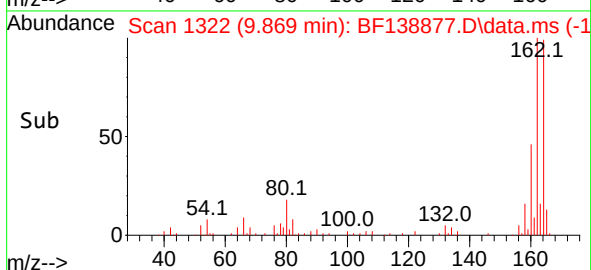
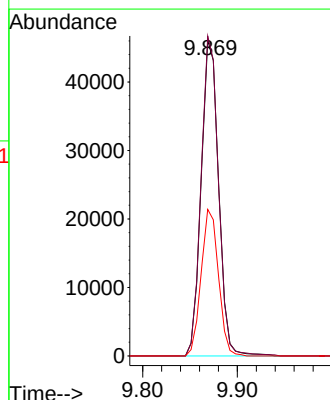
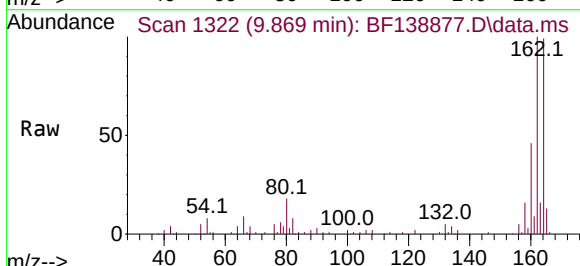
Tgt Ion:164 Resp: 59088

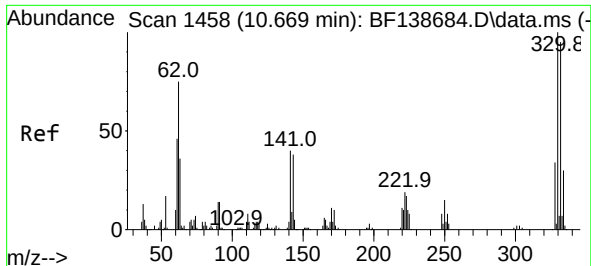
Ion Ratio Lower Upper

164 100

162 101.4 79.4 119.0

160 46.4 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 11.837 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

Instrument :

BNA_F

ClientSampleId :

B-105-SB01

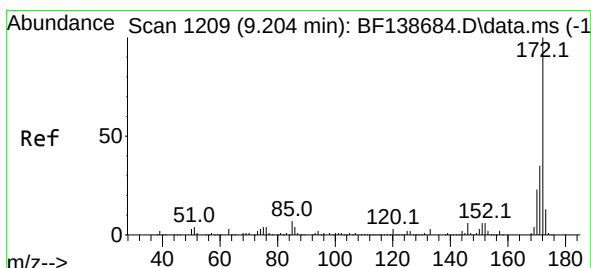
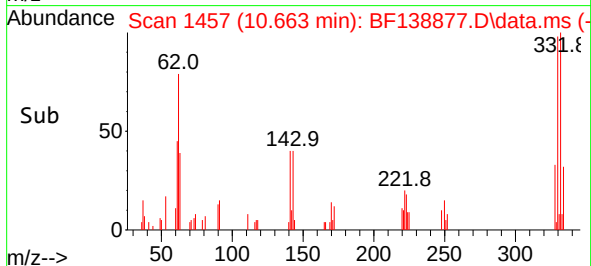
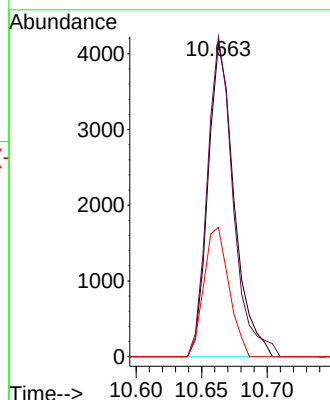
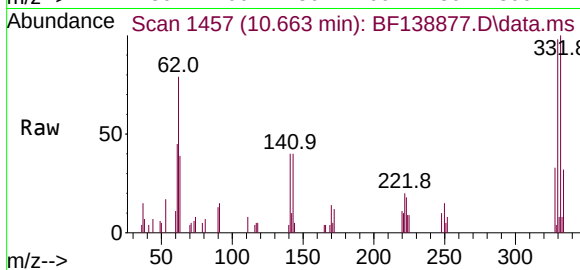
Tgt Ion:330 Resp: 5729

Ion Ratio Lower Upper

330 100

332 100.8 76.4 114.6

141 39.7 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 11.098 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138877.D

Acq: 08 Aug 2024 21:05

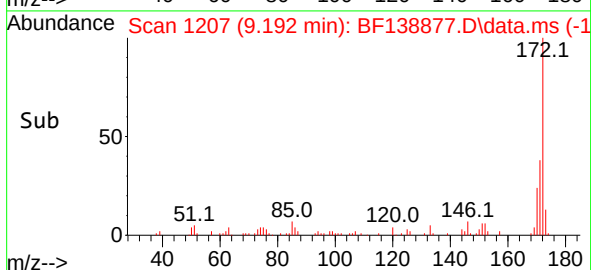
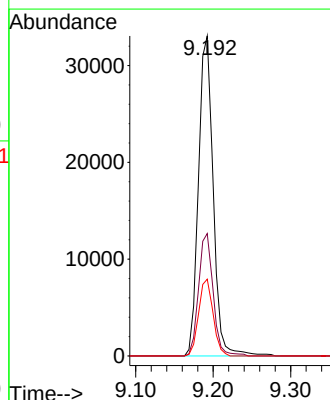
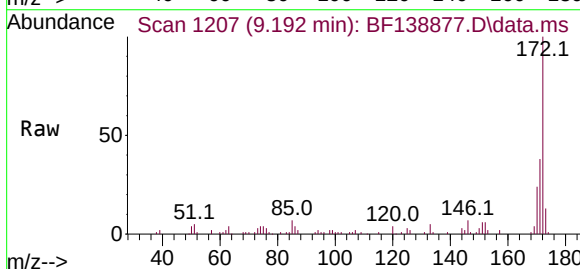
Tgt Ion:172 Resp: 43643

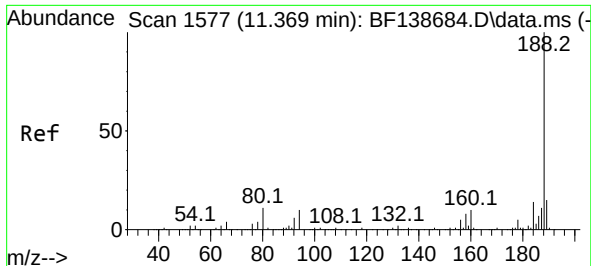
Ion Ratio Lower Upper

172 100

171 38.3 28.3 42.5

170 24.0 18.8 28.2

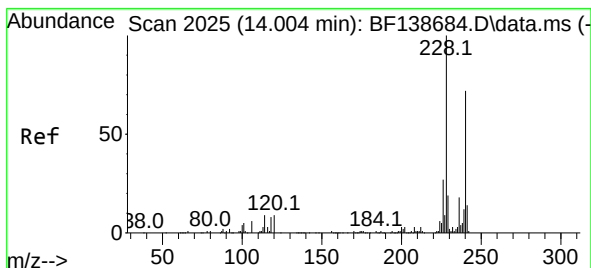
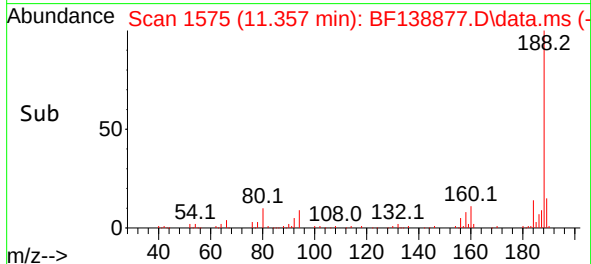
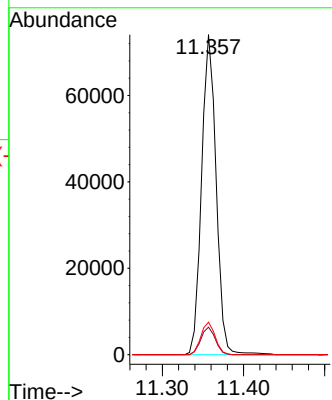
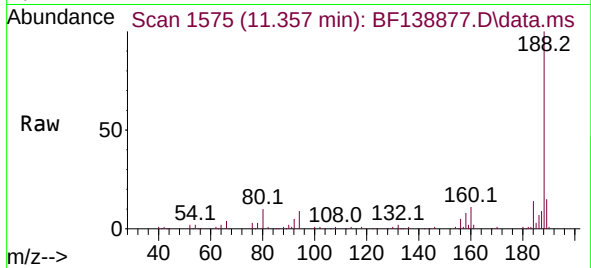




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138877.D
Acq: 08 Aug 2024 21:05

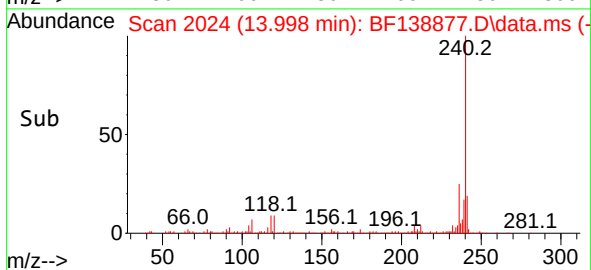
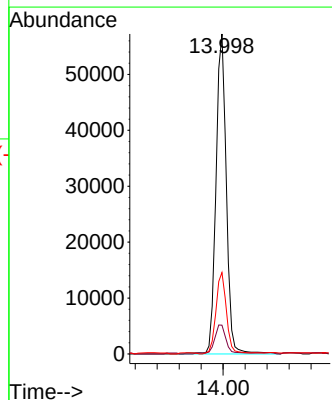
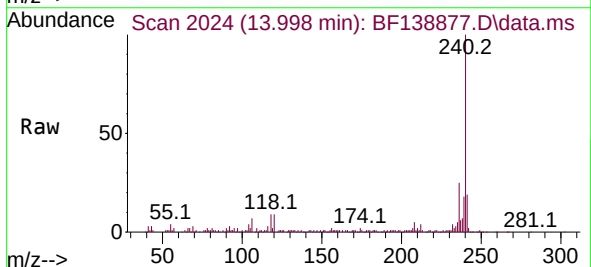
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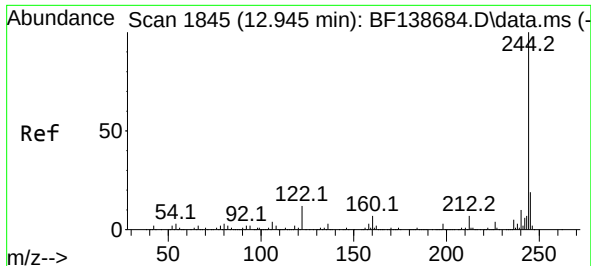
Tgt Ion:188 Resp: 92078
Ion Ratio Lower Upper
188 100
94 8.6 7.6 11.4
80 10.2 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138877.D
Acq: 08 Aug 2024 21:05

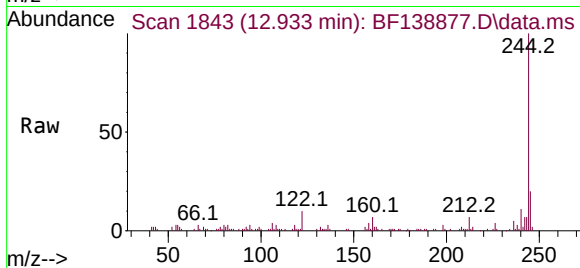
Tgt Ion:240 Resp: 75145
Ion Ratio Lower Upper
240 100
120 9.0 10.2 15.4#
236 25.4 19.8 29.8



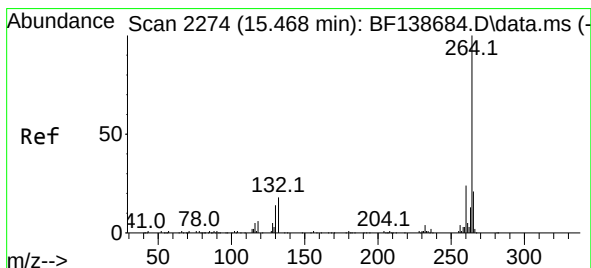
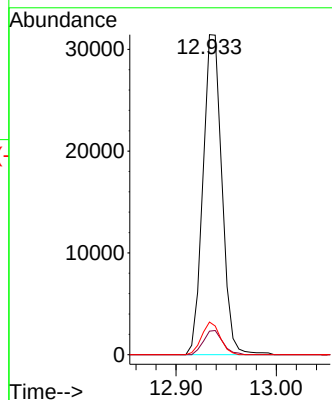
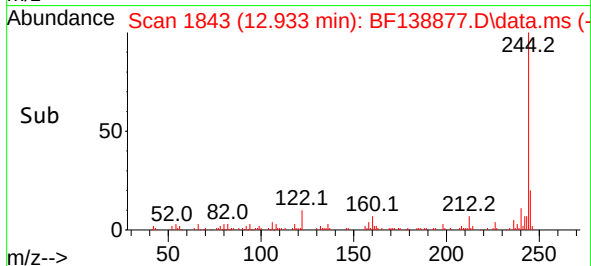


#79
 Terphenyl-d14
 Concen: 9.228 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF138877.D
 Acq: 08 Aug 2024 21:05

Instrument :
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Tgt Ion:244 Resp: 41417
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.2 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138877.D
 Acq: 08 Aug 2024 21:05

Tgt Ion:264 Resp: 51197
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.6
 265 22.4 17.0 25.6

