

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138962.D
 Acq On : 13 Aug 2024 05:24
 Operator : RC/JU
 Sample : P3474-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B1-COMP

Quant Time: Aug 13 05:52:39 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	44053	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	190410	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	109047	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	204934	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	108191	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	83952	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	173811	60.905	ng	0.00
7) Phenol-d6	6.481	99	238836	62.334	ng	0.00
23) Nitrobenzene-d5	7.404	82	154467	39.662	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	55155	61.747	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	286063	39.415	ng	-0.01
79) Terphenyl-d14	12.939	244	333474	51.605	ng	0.00

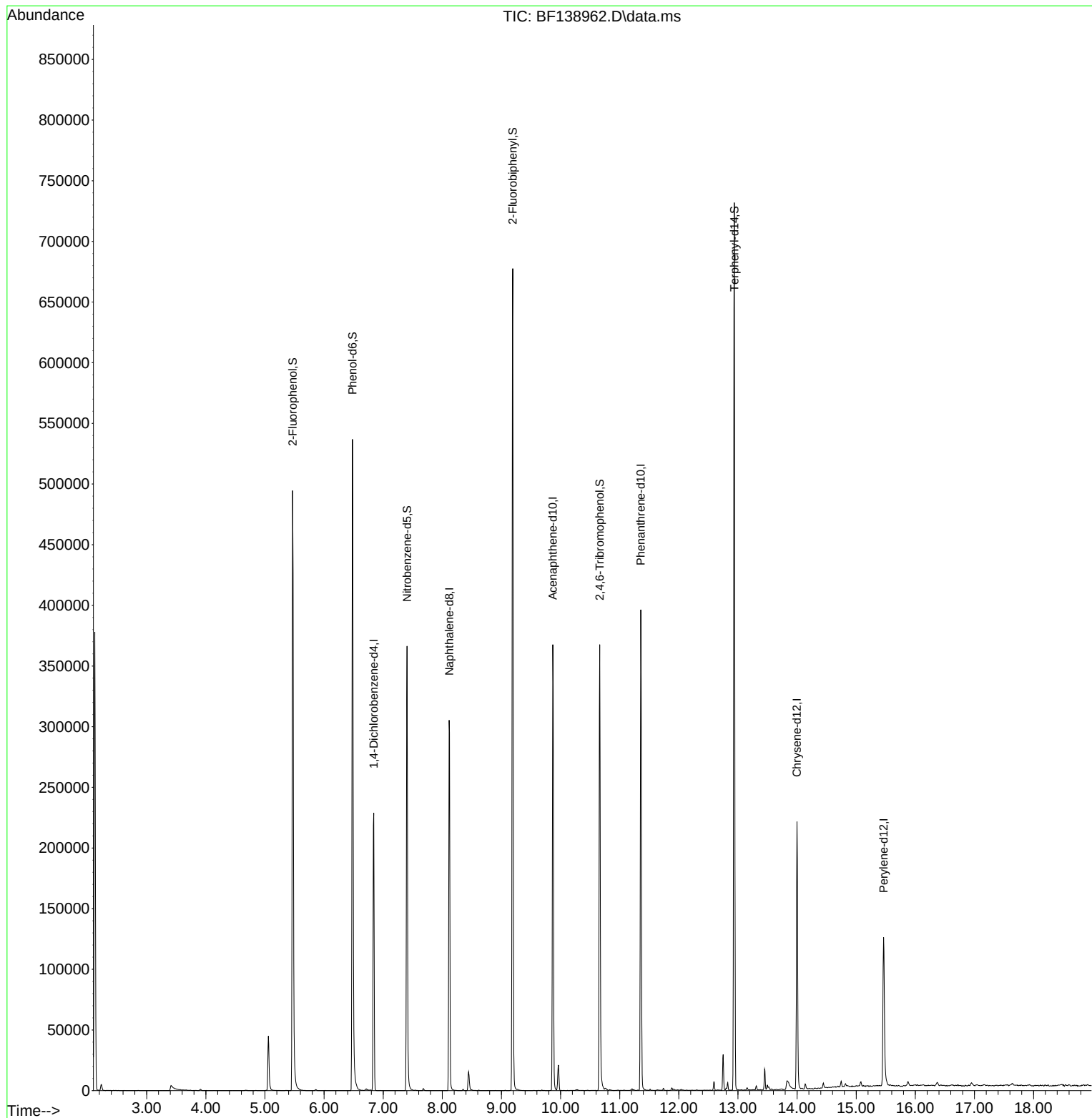
Target Compounds	Qvalue

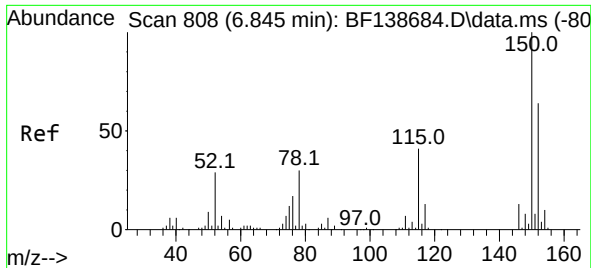
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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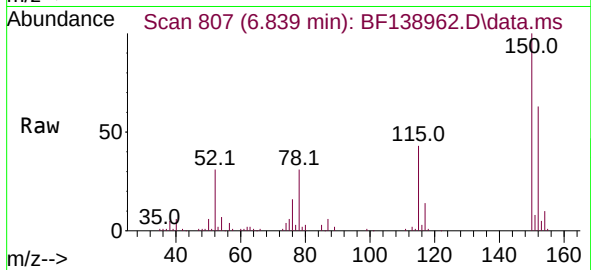
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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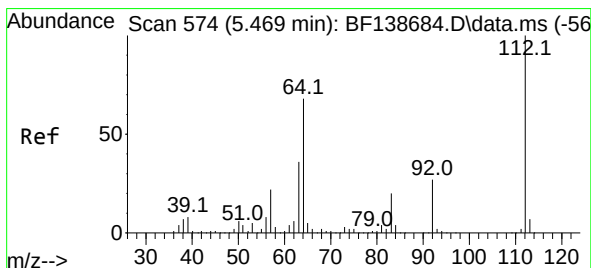
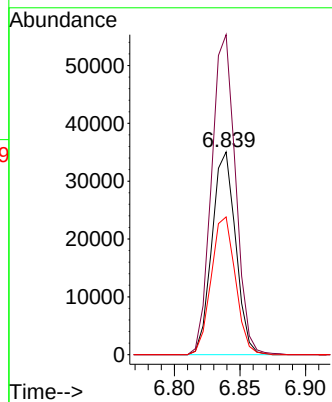
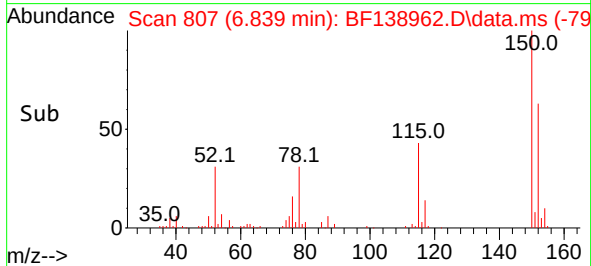


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

Instrument :
BNA_F
ClientSampleId :
WC-B1-COMP

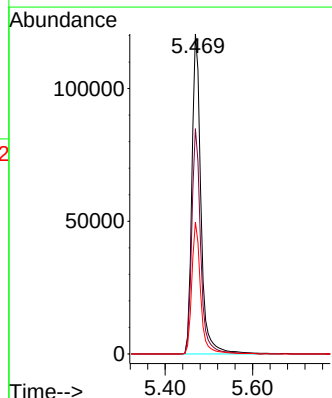
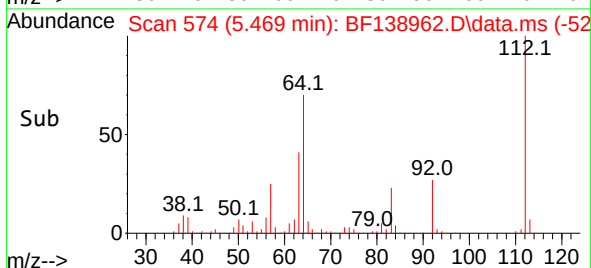
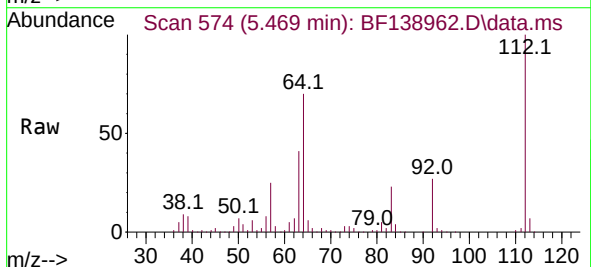


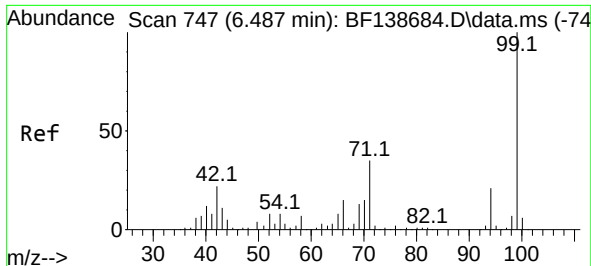
Tgt Ion:152 Resp: 44053
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 67.9 51.7 77.5



#5
2-Fluorophenol
Concen: 60.905 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

Tgt Ion:112 Resp: 173811
Ion Ratio Lower Upper
112 100
64 70.4 54.2 81.4
63 41.2 28.7 43.1





#7

Phenol-d6

Concen: 62.334 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138962.D

Acq: 13 Aug 2024 05:24

Instrument :

BNA_F

ClientSampleId :

WC-B1-COMP

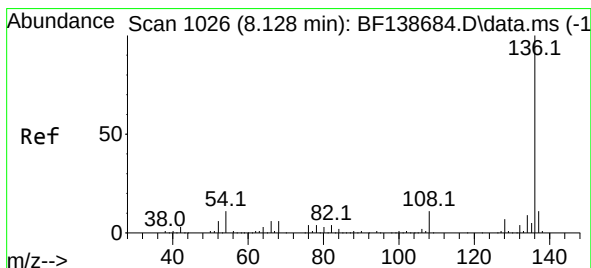
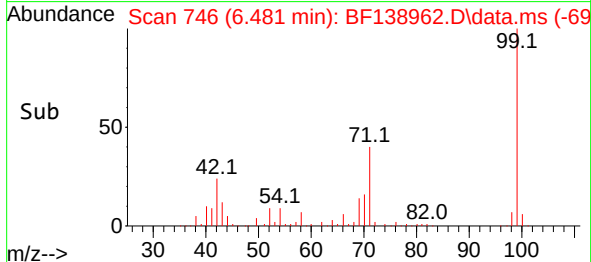
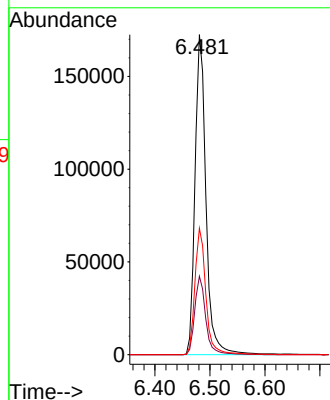
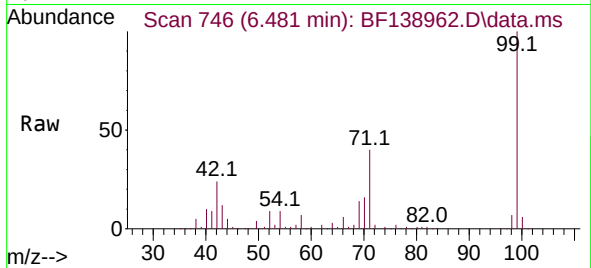
Tgt Ion: 99 Resp: 238836

Ion Ratio Lower Upper

99 100

42 24.5 17.4 26.0

71 39.5 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: BF138962.D

Acq: 13 Aug 2024 05:24

Tgt Ion: 136 Resp: 190410

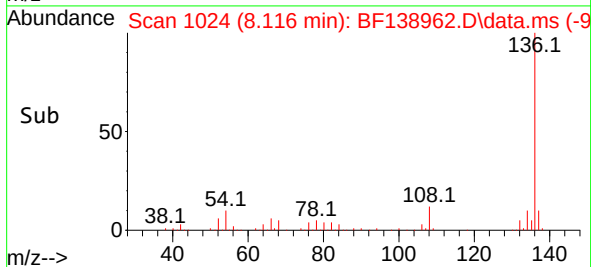
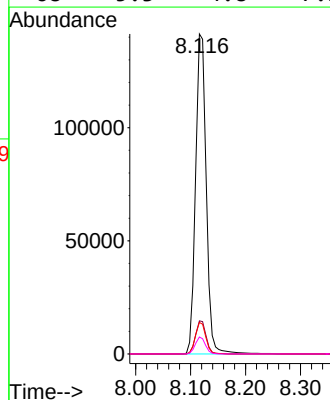
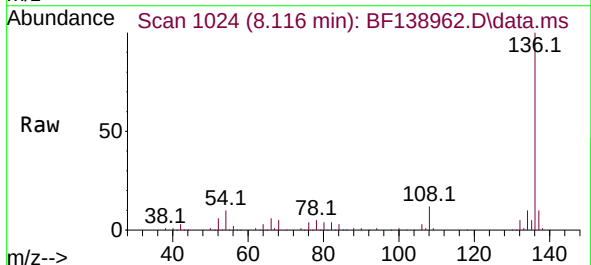
Ion Ratio Lower Upper

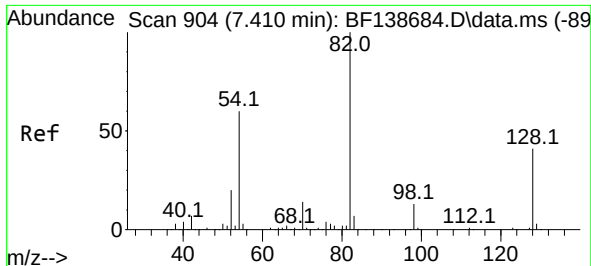
136 100

137 10.4 8.9 13.3

54 9.9 8.6 12.8

68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 39.662 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138962.D

Acq: 13 Aug 2024 05:24

Instrument :

BNA_F

ClientSampleId :

WC-B1-COMP

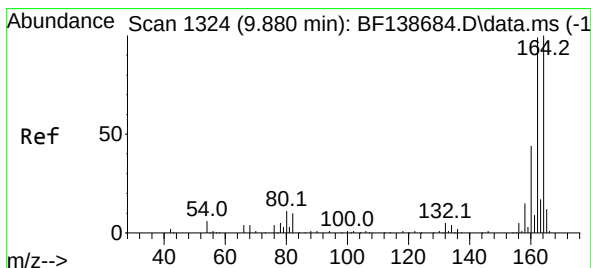
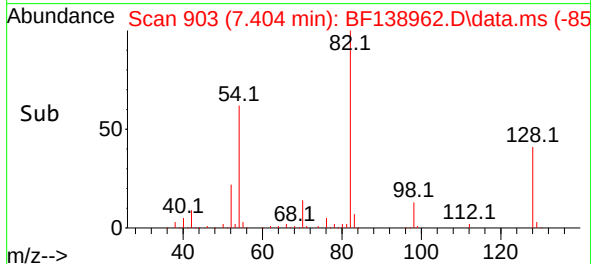
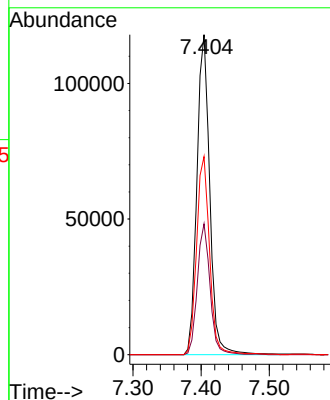
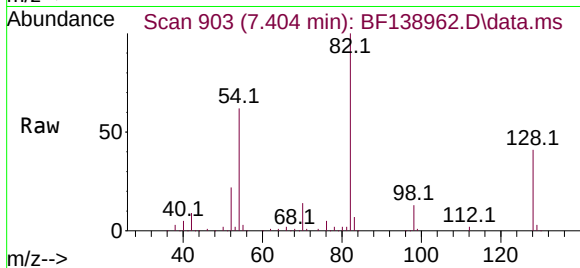
Tgt Ion: 82 Resp: 154467

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: BF138962.D

Acq: 13 Aug 2024 05:24

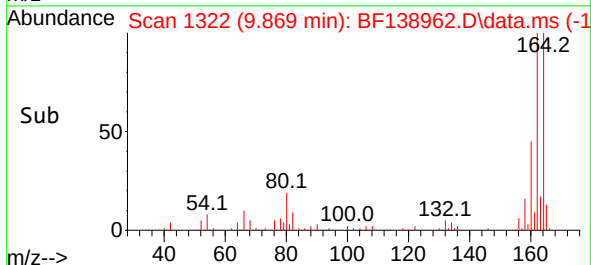
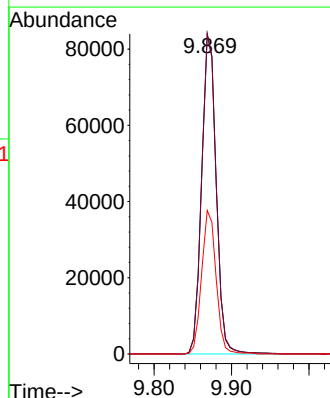
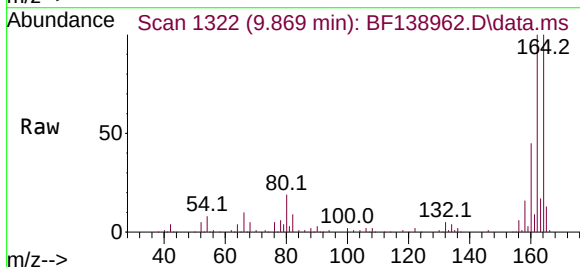
Tgt Ion:164 Resp: 109047

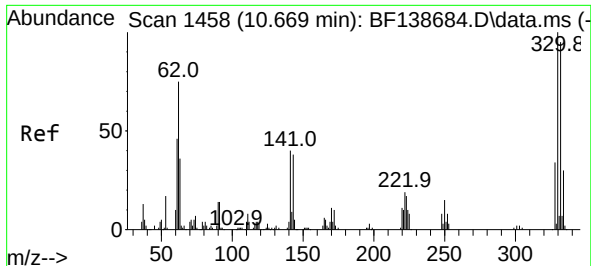
Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.0

160 44.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 61.747 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138962.D

Acq: 13 Aug 2024 05:24

Instrument :

BNA_F

ClientSampleId :

WC-B1-COMP

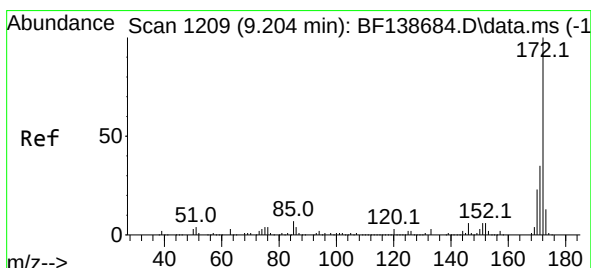
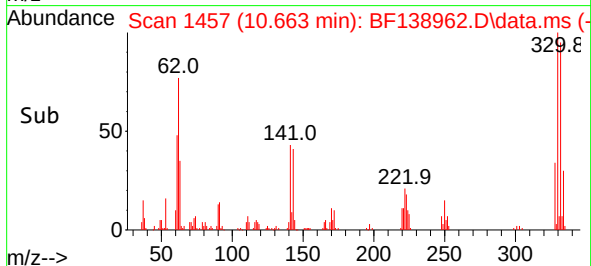
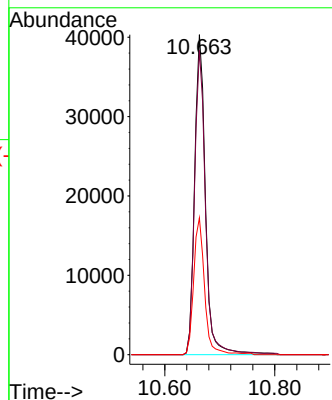
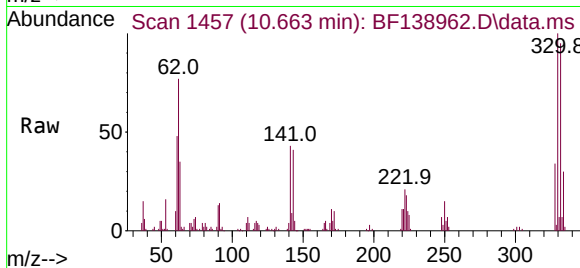
Tgt Ion:330 Resp: 55155

Ion Ratio Lower Upper

330 100

332 95.8 76.4 114.6

141 43.2 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 39.415 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138962.D

Acq: 13 Aug 2024 05:24

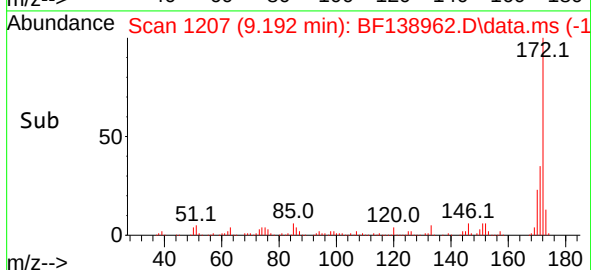
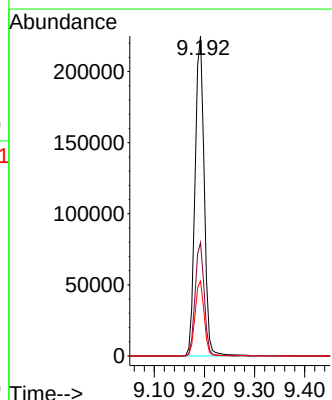
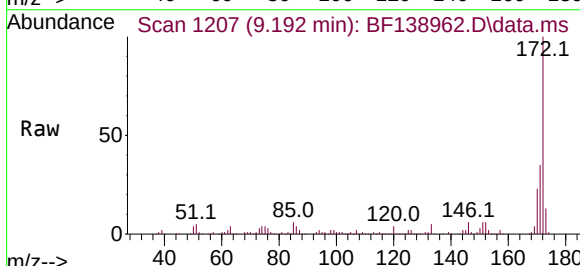
Tgt Ion:172 Resp: 286063

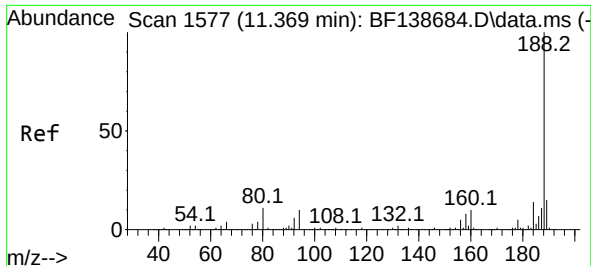
Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.4 18.8 28.2

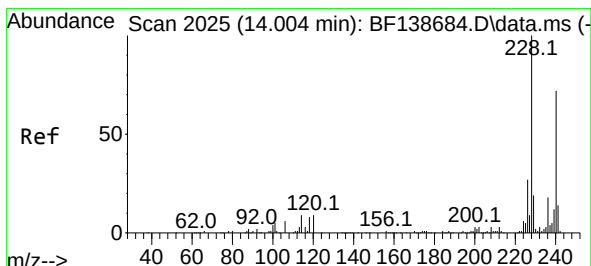
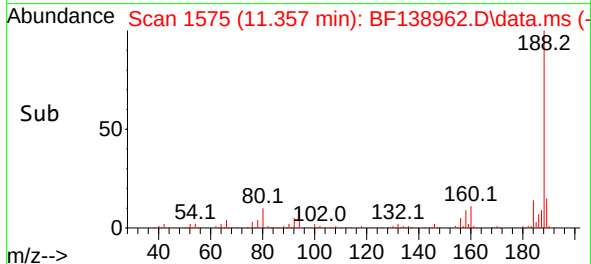
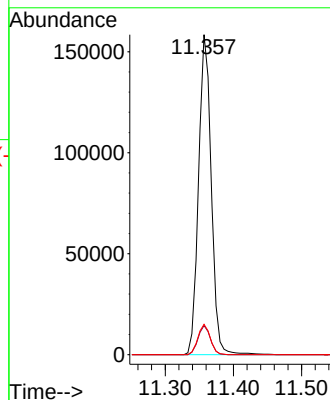
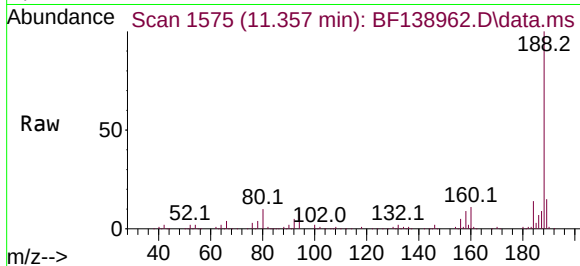




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

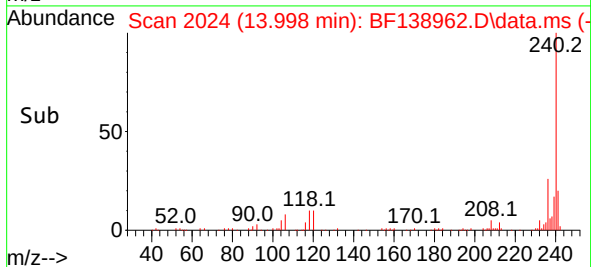
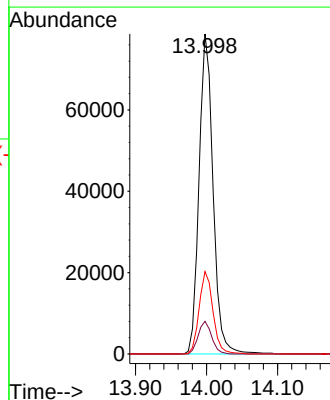
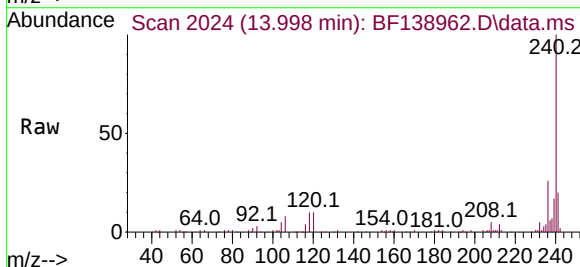
Instrument :
BNA_F
ClientSampleId :
WC-B1-COMP

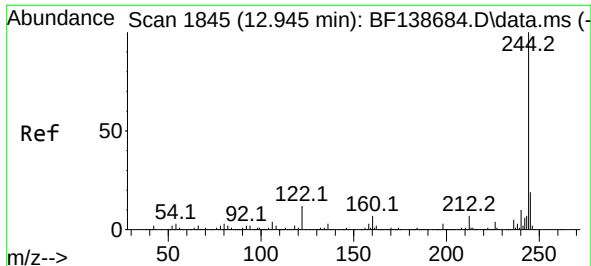
Tgt Ion:188 Resp: 204934
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138962.D
Acq: 13 Aug 2024 05:24

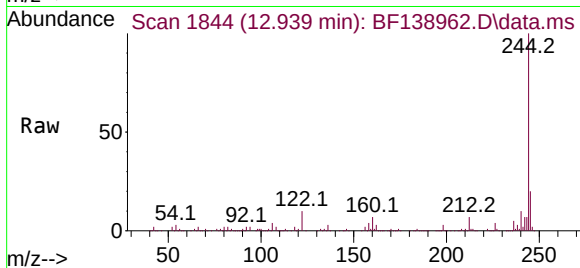
Tgt Ion:240 Resp: 108191
Ion Ratio Lower Upper
240 100
120 10.2 10.2 15.4#
236 25.7 19.8 29.8



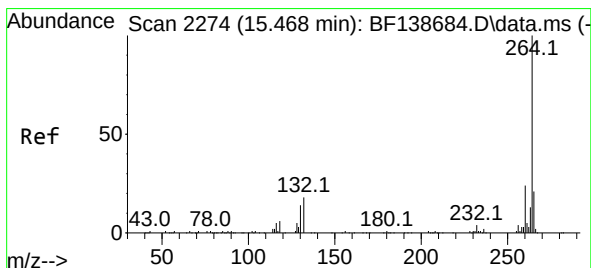
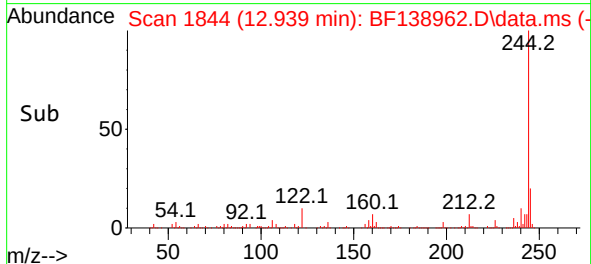
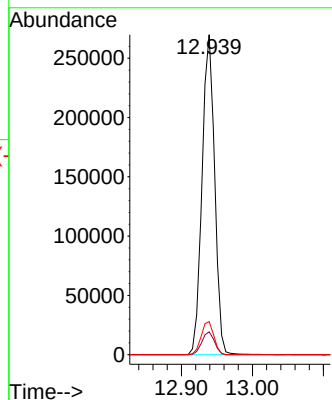


#79
 Terphenyl-d14
 Concen: 51.605 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138962.D
 Acq: 13 Aug 2024 05:24

Instrument :
 BNA_F
 ClientSampleId :
 WC-B1-COMP



Tgt Ion:244 Resp: 333474
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.3 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: BF138962.D
 Acq: 13 Aug 2024 05:24

Tgt Ion:264 Resp: 83952
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 22.7 17.0 25.6

