

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138840.D
 Acq On : 07 Aug 2024 14:05
 Operator : RC/JU
 Sample : P3440-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 922-K1-WS-080124

Quant Time: Aug 07 14:48:58 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	41750	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	169871	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89884	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	145951	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	76059	20.000	ng	0.00
86) Perylene-d12	15.457	264	79882	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	156639	57.915	ng	0.00
7) Phenol-d6	6.481	99	125175	34.472	ng	0.00
23) Nitrobenzene-d5	7.404	82	320945	92.373	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	108547	147.428	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	579001	96.786	ng	-0.01
79) Terphenyl-d14	12.945	244	492412	108.393	ng	0.00

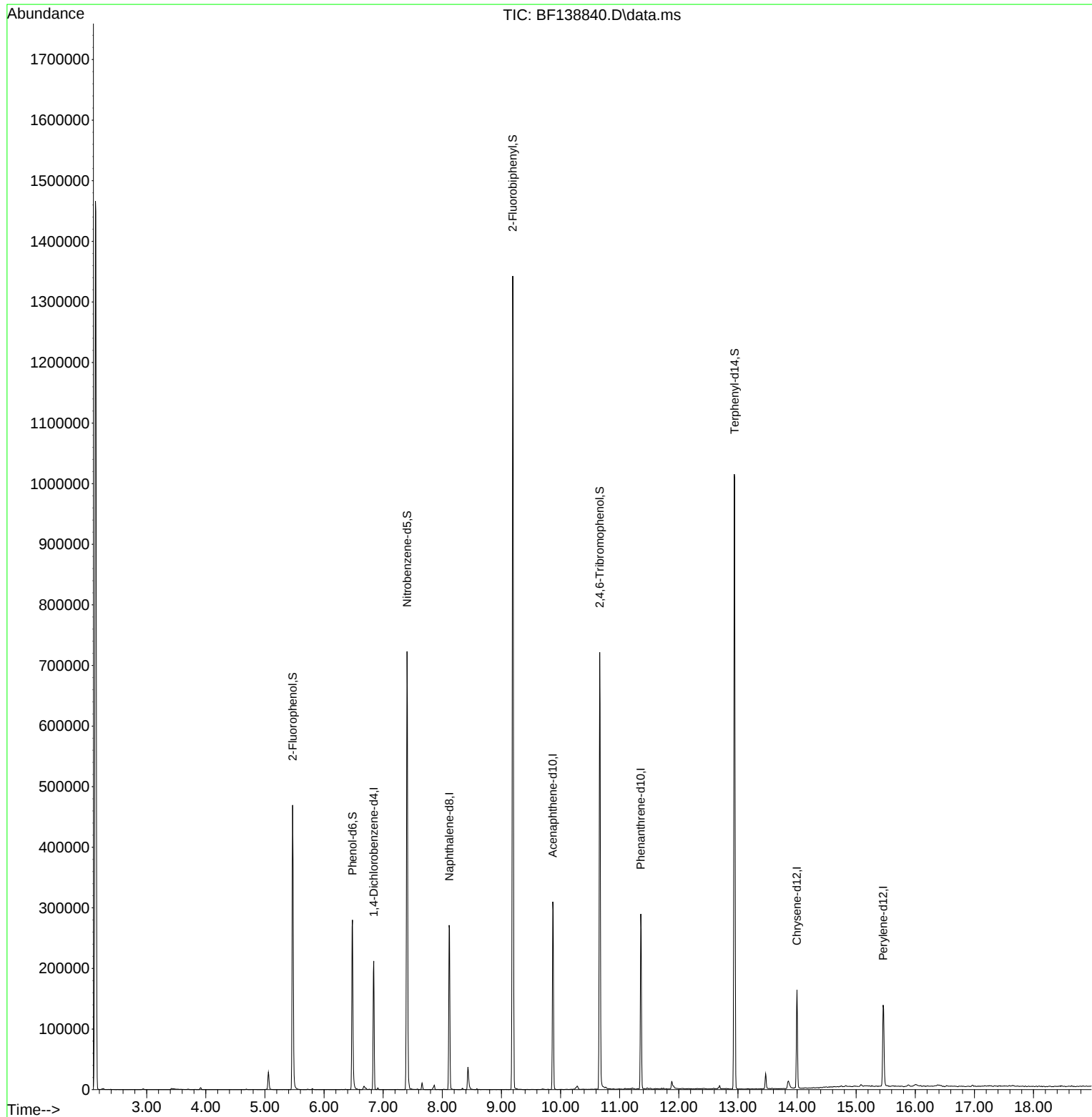
Target Compounds	Qvalue

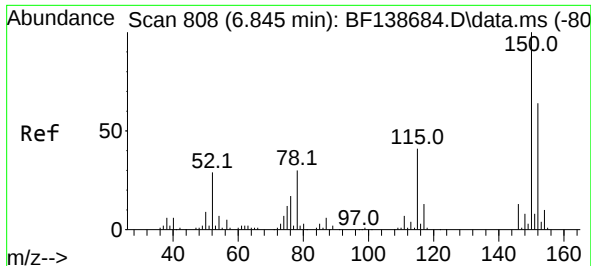
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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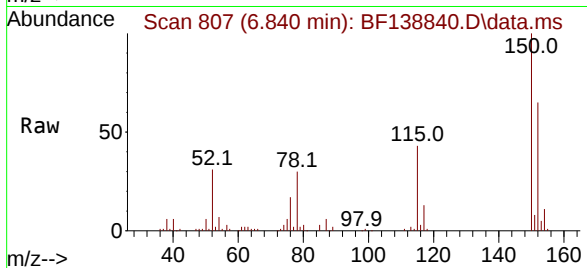
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



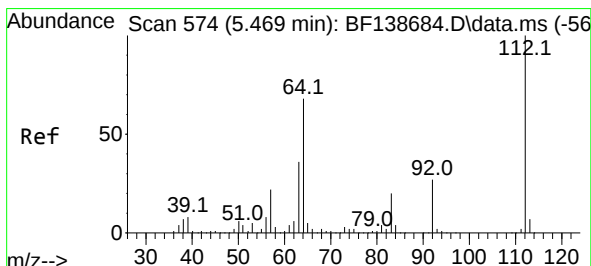
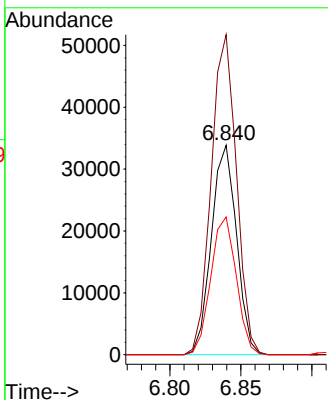
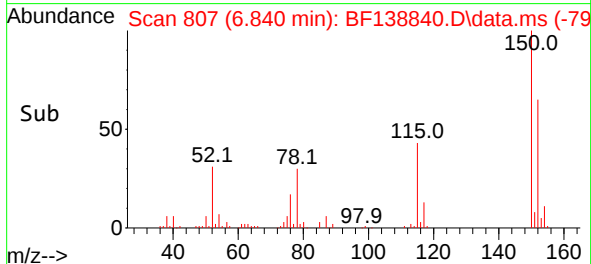


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

Instrument :
BNA_F
ClientSampleId :
922-K1-WS-080124

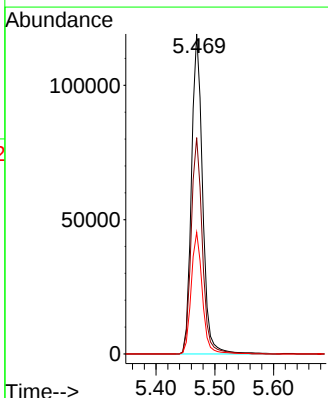
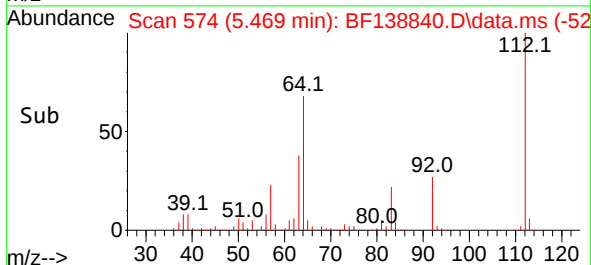
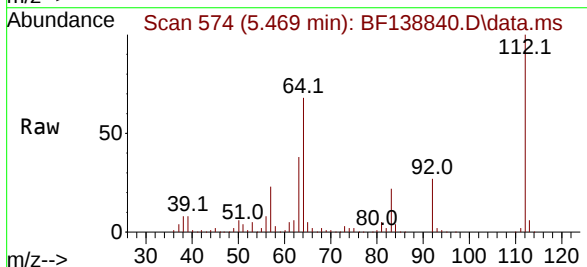


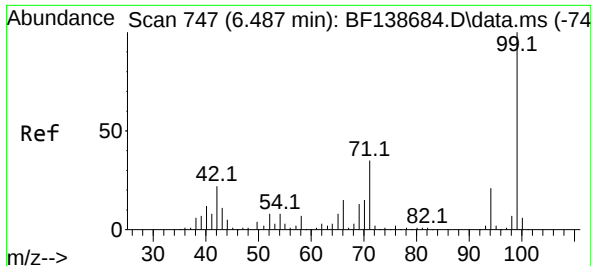
Tgt Ion:152 Resp: 41750
Ion Ratio Lower Upper
152 100
150 152.8 126.0 189.0
115 65.8 51.7 77.5



#5
2-Fluorophenol
Concen: 57.915 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

Tgt Ion:112 Resp: 156639
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 38.0 28.7 43.1





#7

Phenol-d6

Concen: 34.472 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF138840.D

Acq: 07 Aug 2024 14:05

Instrument :

BNA_F

ClientSampleId :

922-K1-WS-080124

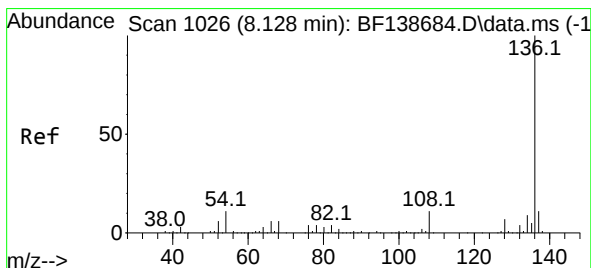
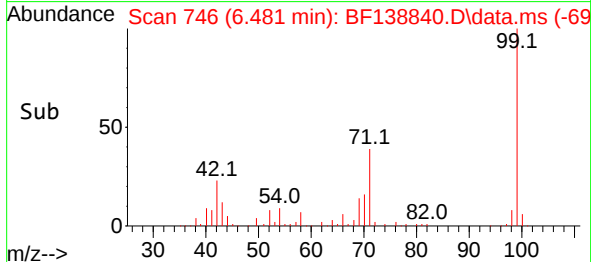
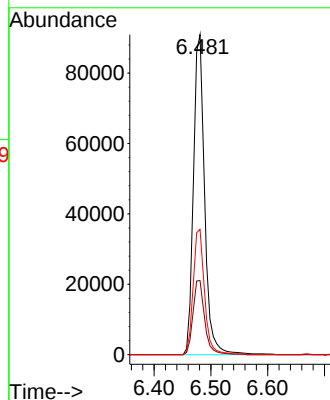
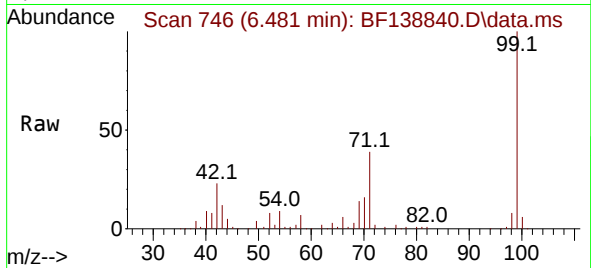
Tgt Ion: 99 Resp: 125175

Ion Ratio Lower Upper

99 100

42 23.2 17.4 26.0

71 39.1 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: BF138840.D

Acq: 07 Aug 2024 14:05

Tgt Ion: 136 Resp: 169871

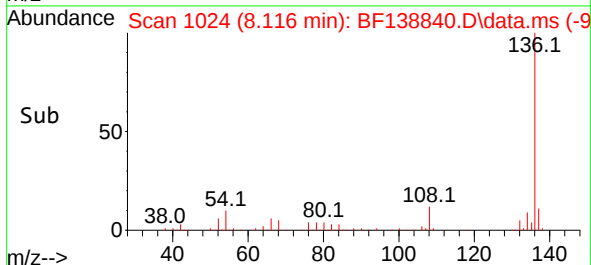
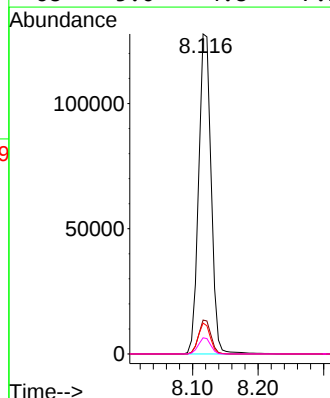
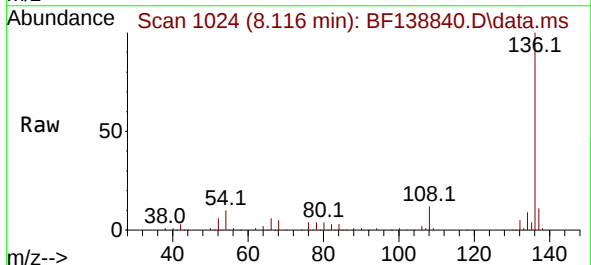
Ion Ratio Lower Upper

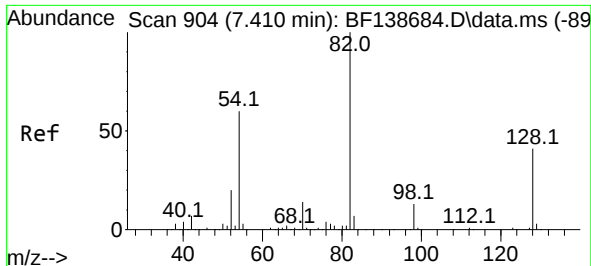
136 100

137 10.6 8.9 13.3

54 9.7 8.6 12.8

68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 92.373 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138840.D

Acq: 07 Aug 2024 14:05

Instrument :

BNA_F

ClientSampleId :

922-K1-WS-080124

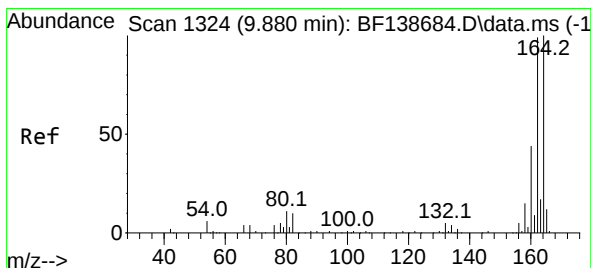
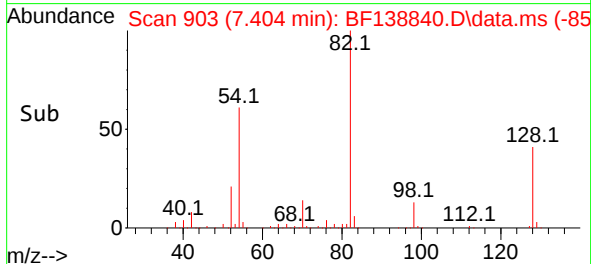
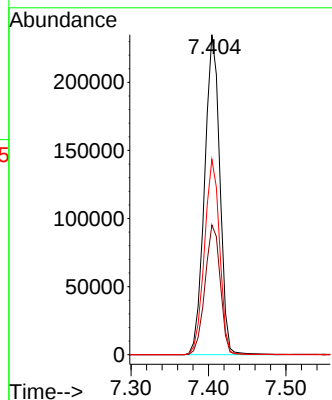
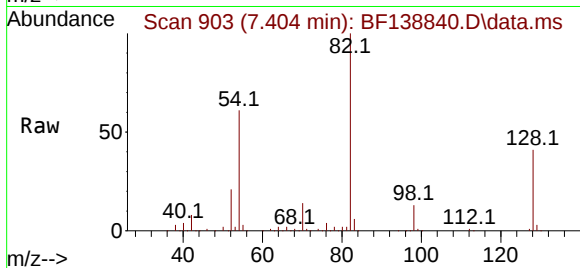
Tgt Ion: 82 Resp: 320945

Ion Ratio Lower Upper

82 100

128 40.6 32.8 49.2

54 61.1 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: BF138840.D

Acq: 07 Aug 2024 14:05

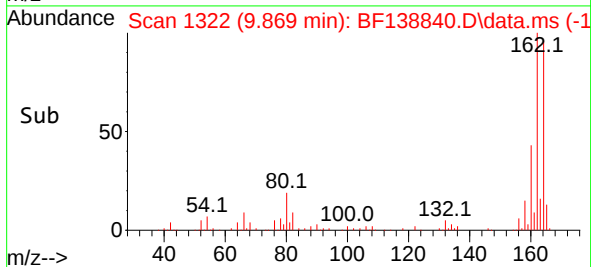
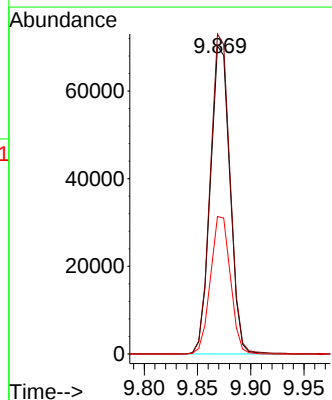
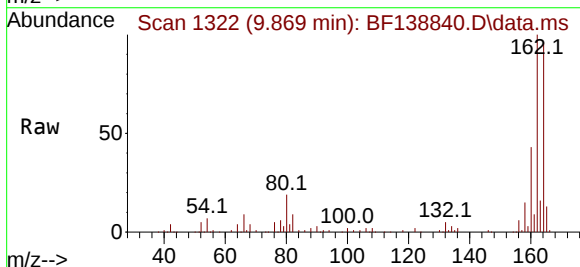
Tgt Ion:164 Resp: 89884

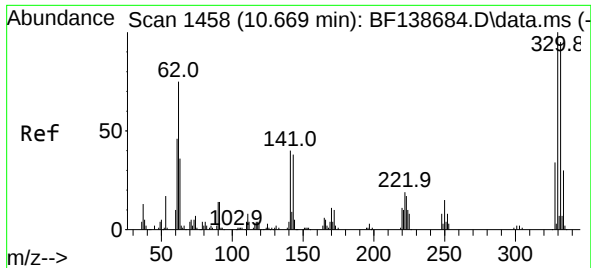
Ion Ratio Lower Upper

164 100

162 103.9 79.4 119.0

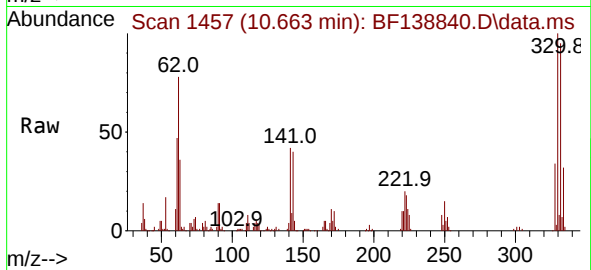
160 44.6 35.1 52.7



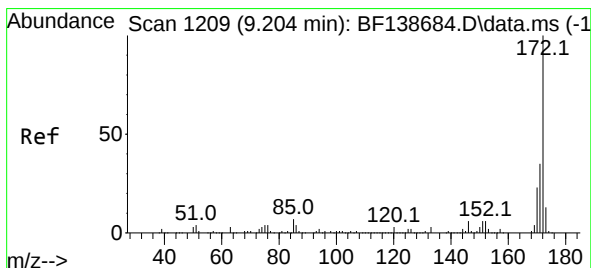
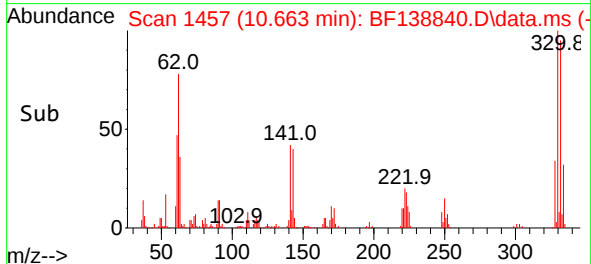
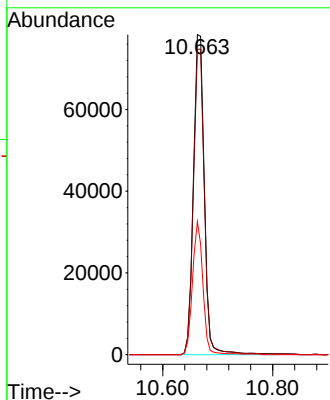


#42
2,4,6-Tribromophenol
Concen: 147.428 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

Instrument :
BNA_F
ClientSampleId :
922-K1-WS-080124

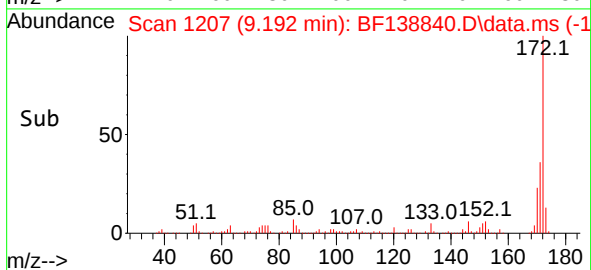
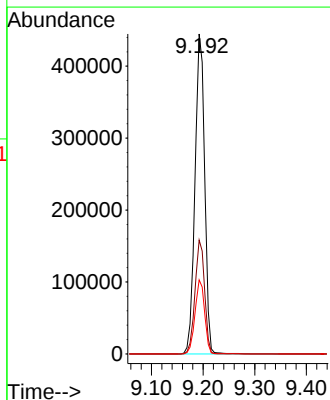
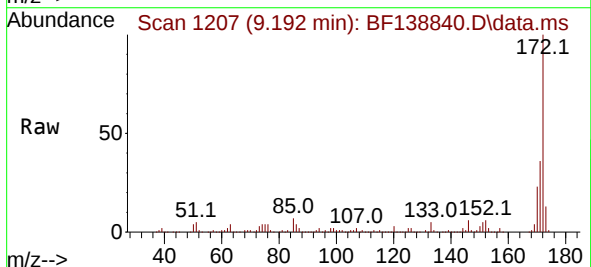


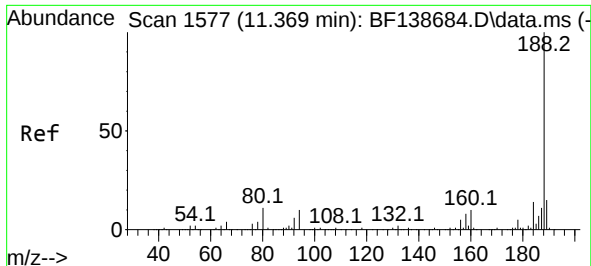
Tgt Ion:330 Resp: 108547
Ion Ratio Lower Upper
330 100
332 95.0 76.4 114.6
141 39.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 96.786 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

Tgt Ion:172 Resp: 579001
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.1 18.8 28.2

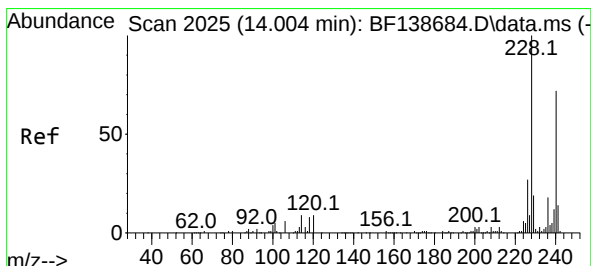
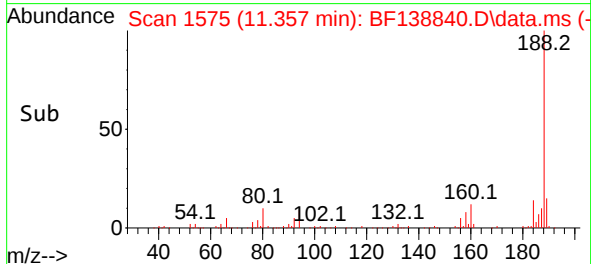
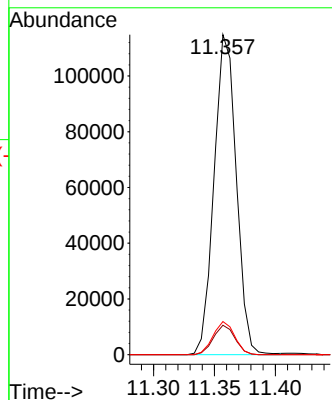
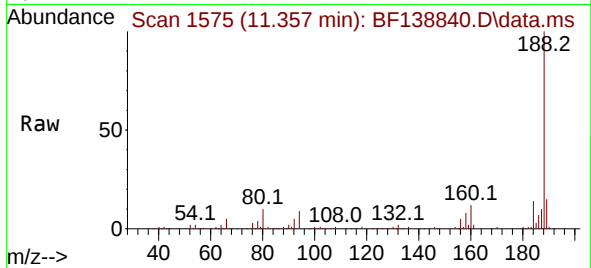




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

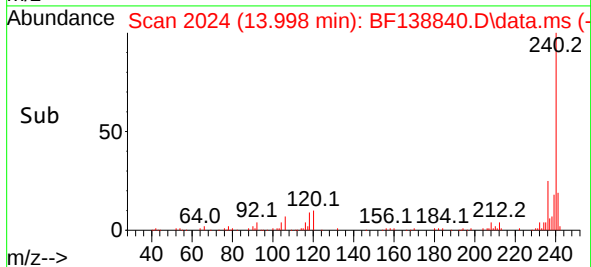
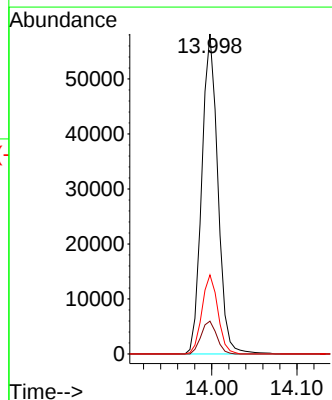
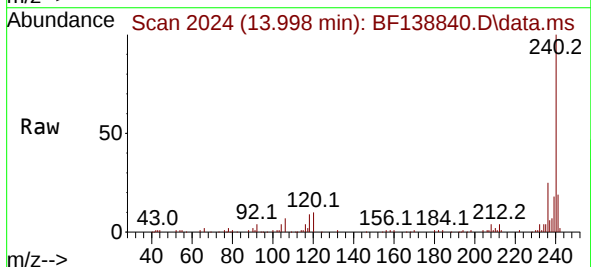
Instrument :
BNA_F
ClientSampleId :
922-K1-WS-080124

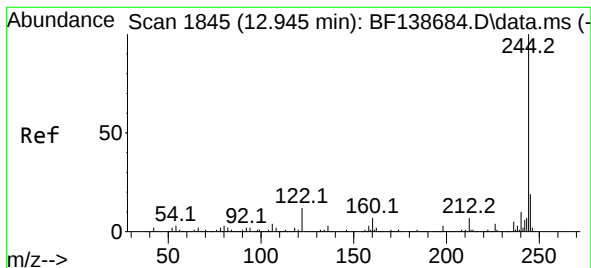
Tgt Ion:188 Resp: 145951
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138840.D
Acq: 07 Aug 2024 14:05

Tgt Ion:240 Resp: 76059
Ion Ratio Lower Upper
240 100
120 10.3 10.2 15.4
236 24.7 19.8 29.8





#79

Terphenyl-d14

Concen: 108.393 ng

RT: 12.945 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138840.D

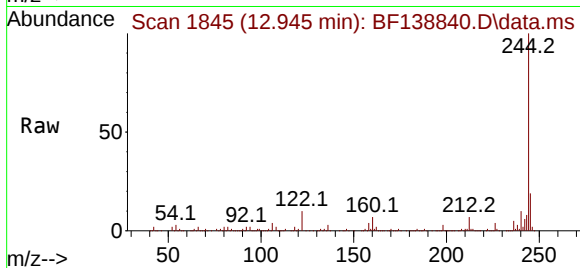
Acq: 07 Aug 2024 14:05

Instrument :

BNA_F

ClientSampleId :

922-K1-WS-080124



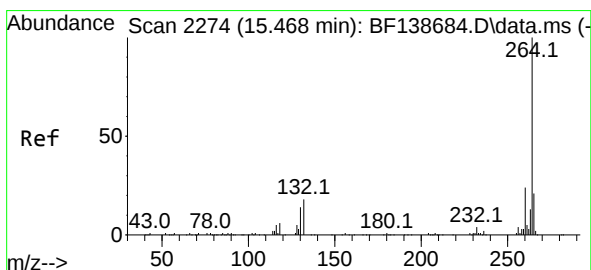
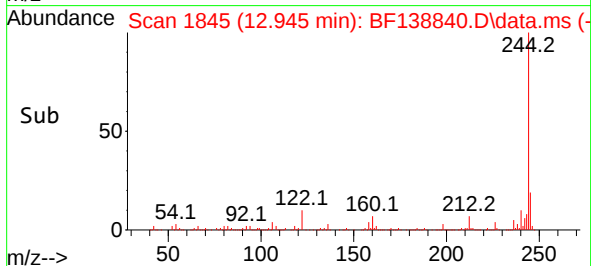
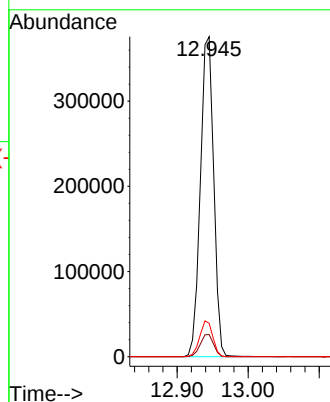
Tgt Ion:244 Resp: 492412

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.5 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.012 min

Lab File: BF138840.D

Acq: 07 Aug 2024 14:05

Tgt Ion:264 Resp: 79882

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.5 17.0 25.6

