

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138993.D
 Acq On : 14 Aug 2024 14:38
 Operator : RC/JU
 Sample : P3512-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724

Quant Time: Aug 14 15:00:36 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	6.834	152	34981	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	141093	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	74684	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	114755	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	65176	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	58355	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	202763	89.476	ng	0.00
7) Phenol-d6	6.481	99	276967	91.033	ng	0.00
23) Nitrobenzene-d5	7.398	82	183136	63.460	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	52812	86.328	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	318352	64.046	ng	-0.02
79) Terphenyl-d14	12.933	244	226105	58.083	ng	-0.01

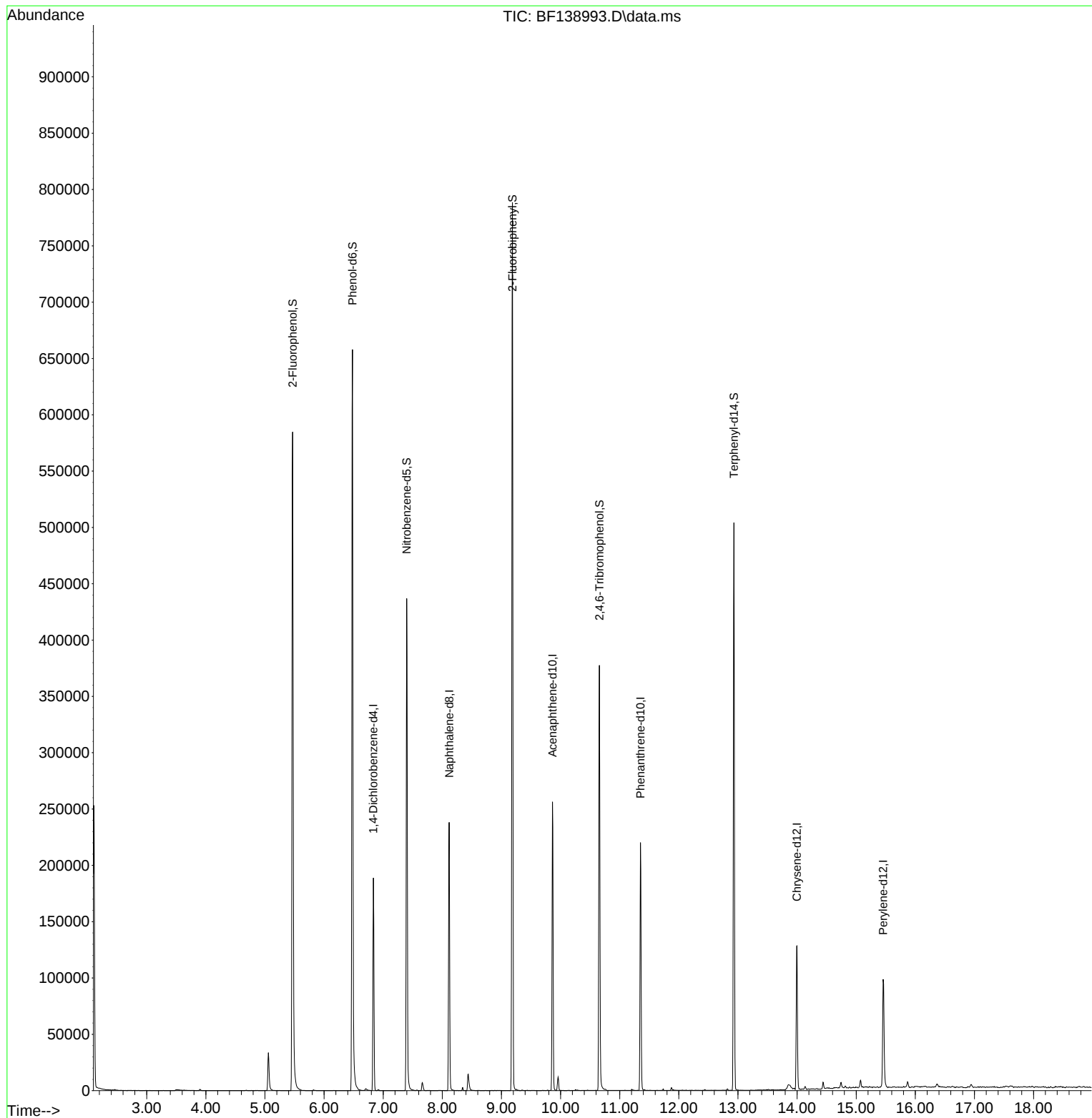
Target Compounds	Qvalue

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

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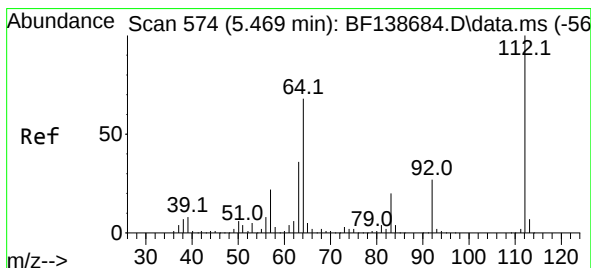
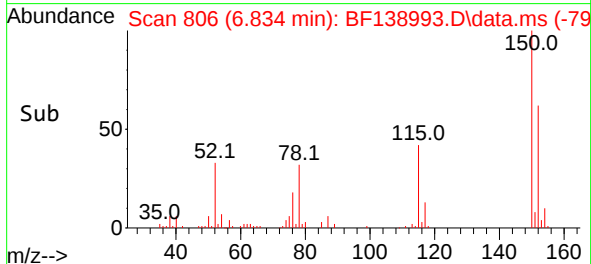
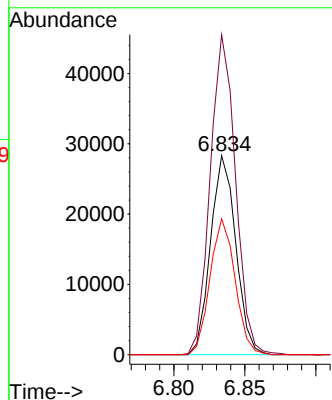
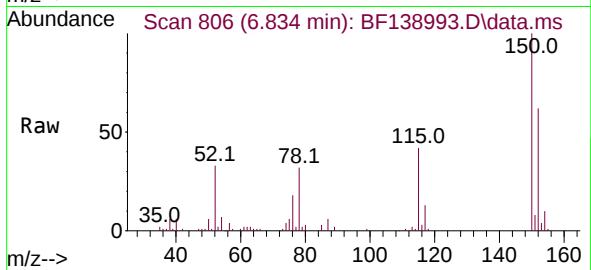




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF138993.D
Acq: 14 Aug 2024 14:38

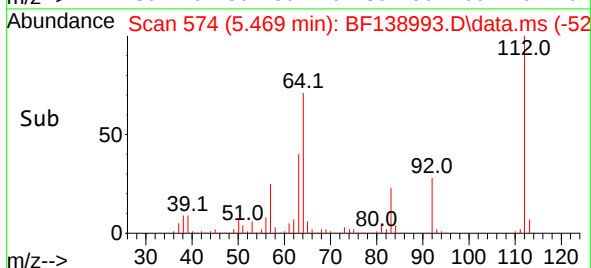
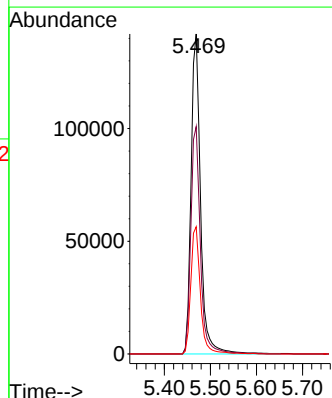
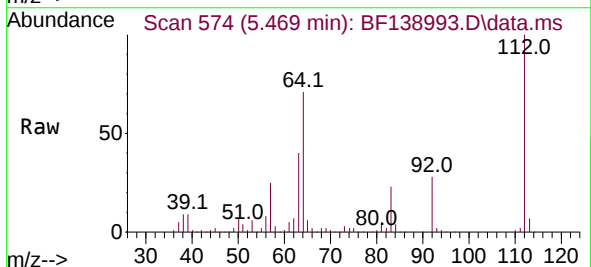
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0.5-1.0-080724

Tgt Ion:152 Resp: 34981
Ion Ratio Lower Upper
152 100
150 160.8 126.0 189.0
115 68.3 51.7 77.5



#5
2-Fluorophenol
Concen: 89.476 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138993.D
Acq: 14 Aug 2024 14:38

Tgt Ion:112 Resp: 202763
Ion Ratio Lower Upper
112 100
64 71.1 54.2 81.4
63 39.7 28.7 43.1

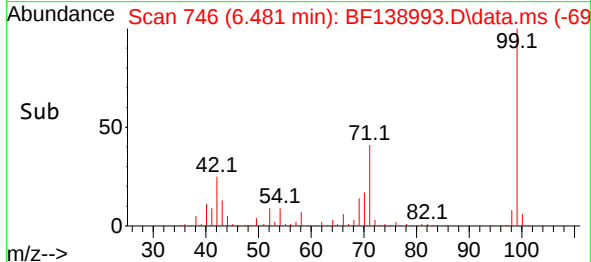
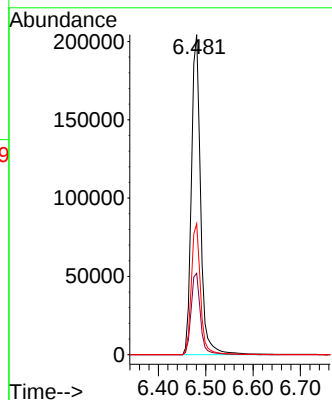
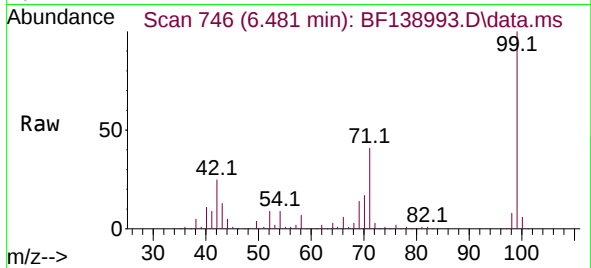




#7
Phenol-d6
Concen: 91.033 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138993.D
Acq: 14 Aug 2024 14:38

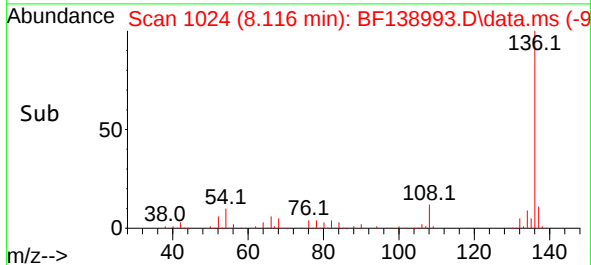
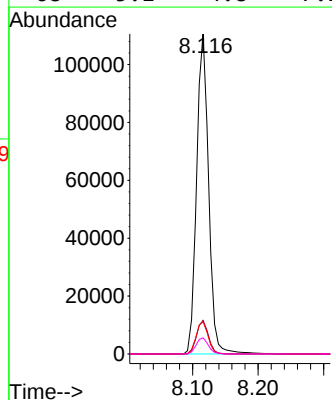
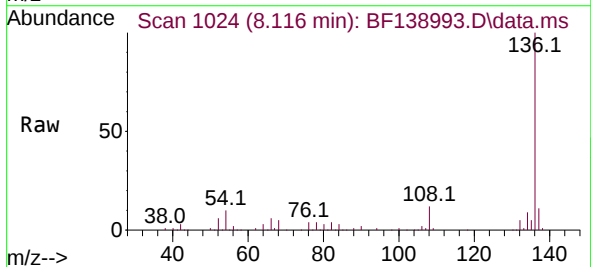
Instrument :
BNA_F
ClientSampleId :
931-K1-SD-0.5-1.0-080724

Tgt Ion: 99 Resp: 276967
Ion Ratio Lower Upper
99 100
42 25.5 17.4 26.0
71 40.9 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: BF138993.D
Acq: 14 Aug 2024 14:38

Tgt Ion: 136 Resp: 141093
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.1 8.6 12.8
68 5.1 4.8 7.2





#23

Nitrobenzene-d5

Concen: 63.460 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF138993.D

Acq: 14 Aug 2024 14:38

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0.5-1.0-080724

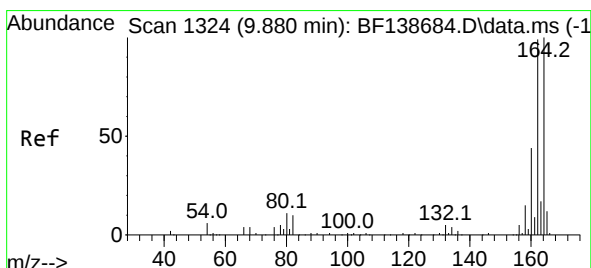
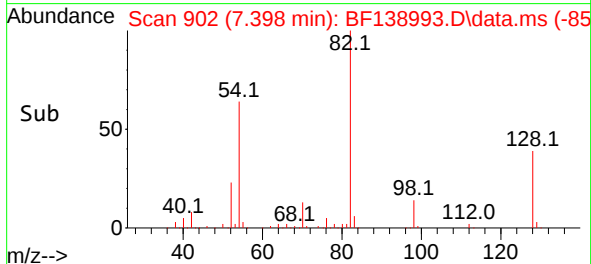
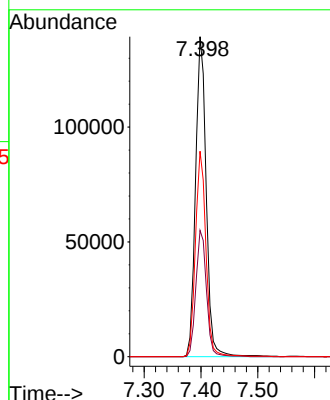
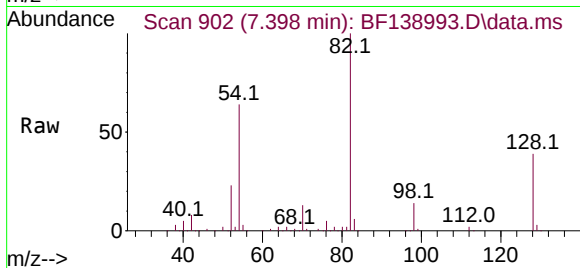
Tgt Ion: 82 Resp: 183136

Ion Ratio Lower Upper

82 100

128 39.5 32.8 49.2

54 64.2 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.017 min

Lab File: BF138993.D

Acq: 14 Aug 2024 14:38

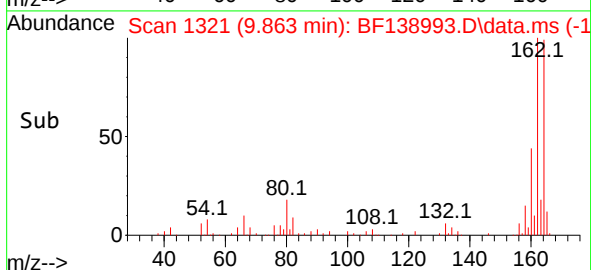
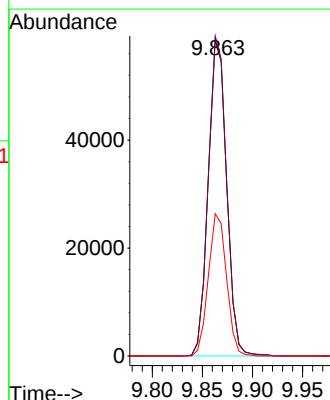
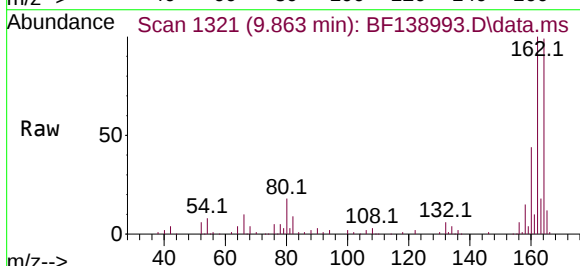
Tgt Ion:164 Resp: 74684

Ion Ratio Lower Upper

164 100

162 101.3 79.4 119.0

160 45.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 86.328 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF138993.D

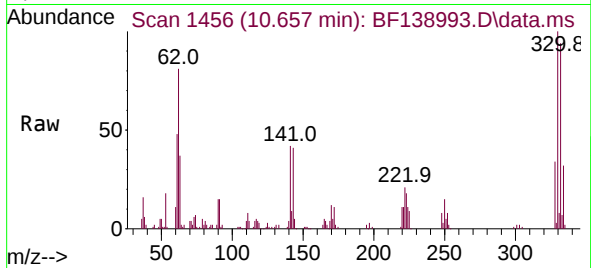
Acq: 14 Aug 2024 14:38

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0.5-1.0-080724



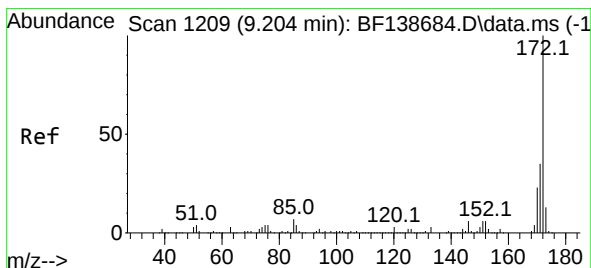
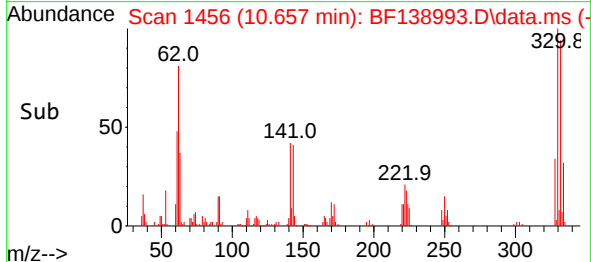
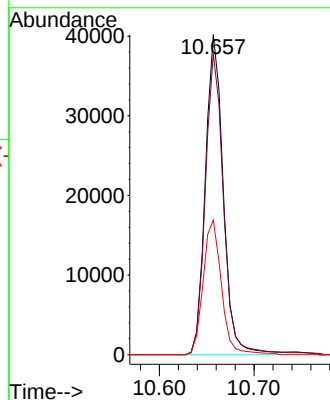
Tgt Ion:330 Resp: 52812

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

141 43.0 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 64.046 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF138993.D

Acq: 14 Aug 2024 14:38

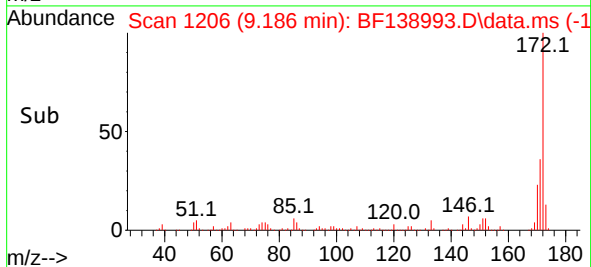
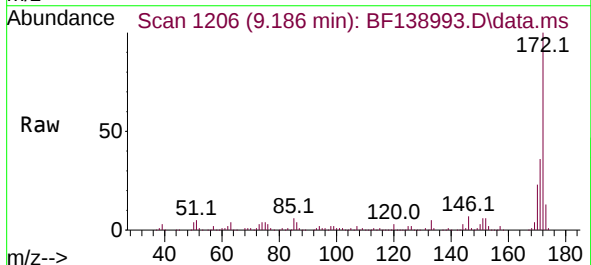
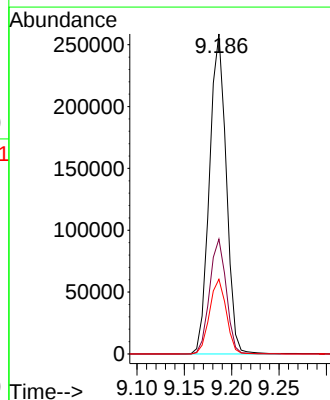
Tgt Ion:172 Resp: 318352

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 114755

Delta R.T. -0.018 min

Lab File: BF138993.D

Acq: 14 Aug 2024 14:38

Instrument :

BNA_F

ClientSampleId :

931-K1-SD-0.5-1.0-080724

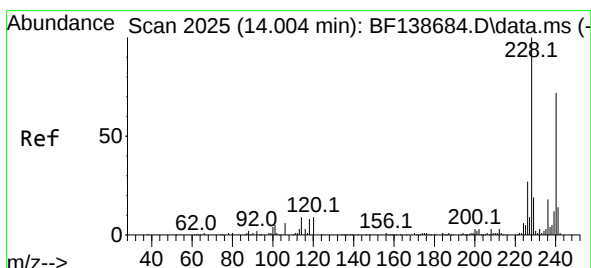
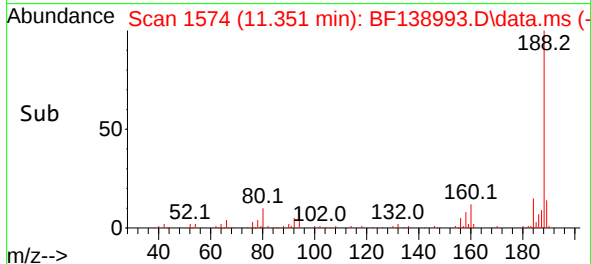
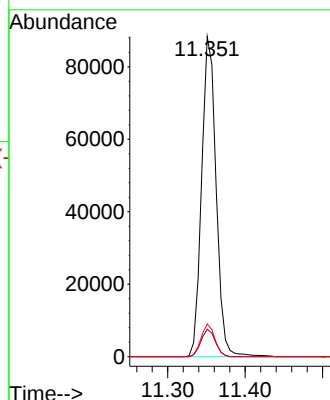
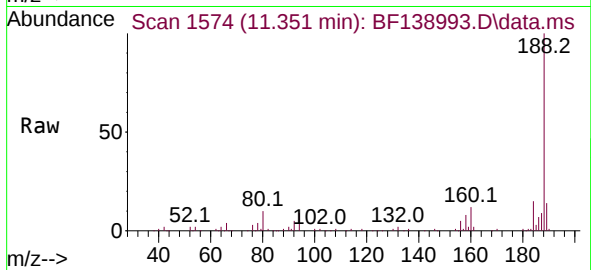
Tgt Ion:188 Resp: 114755

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: BF138993.D

Acq: 14 Aug 2024 14:38

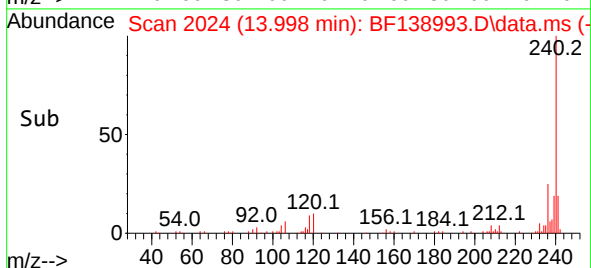
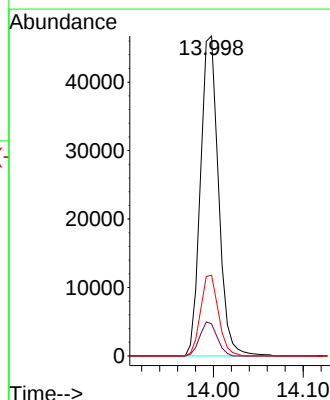
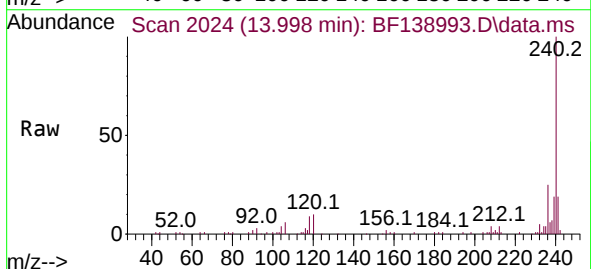
Tgt Ion:240 Resp: 65176

Ion Ratio Lower Upper

240 100

120 10.0 10.2 15.4#

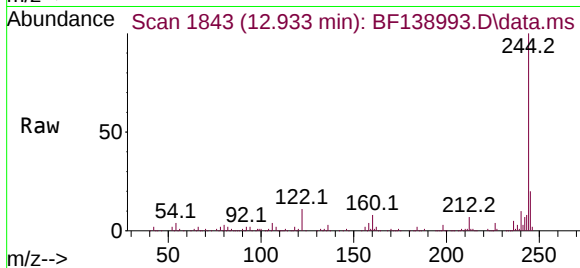
236 25.2 19.8 29.8



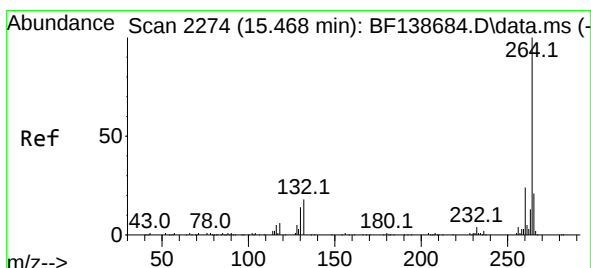
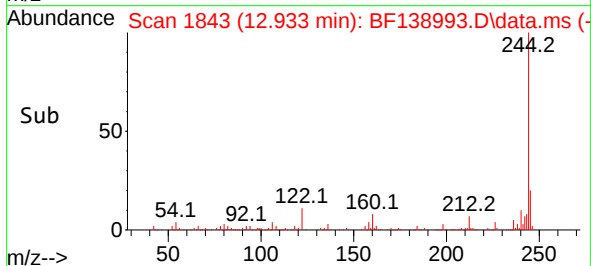
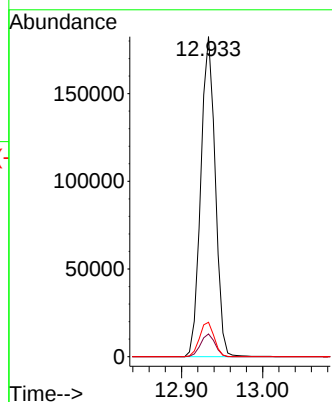


#79
 Terphenyl-d14
 Concen: 58.083 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF138993.D
 Acq: 14 Aug 2024 14:38

Instrument :
 BNA_F
 ClientSampleId :
 931-K1-SD-0.5-1.0-080724



Tgt Ion:244 Resp: 226105
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.7 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: BF138993.D
 Acq: 14 Aug 2024 14:38

Tgt Ion:264 Resp: 58355
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 22.6 17.0 25.6

