

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138952.D
 Acq On : 13 Aug 2024 00:28
 Operator : RC/JU
 Sample : P3543-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS20-0019

Quant Time: Aug 13 01:04:44 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)

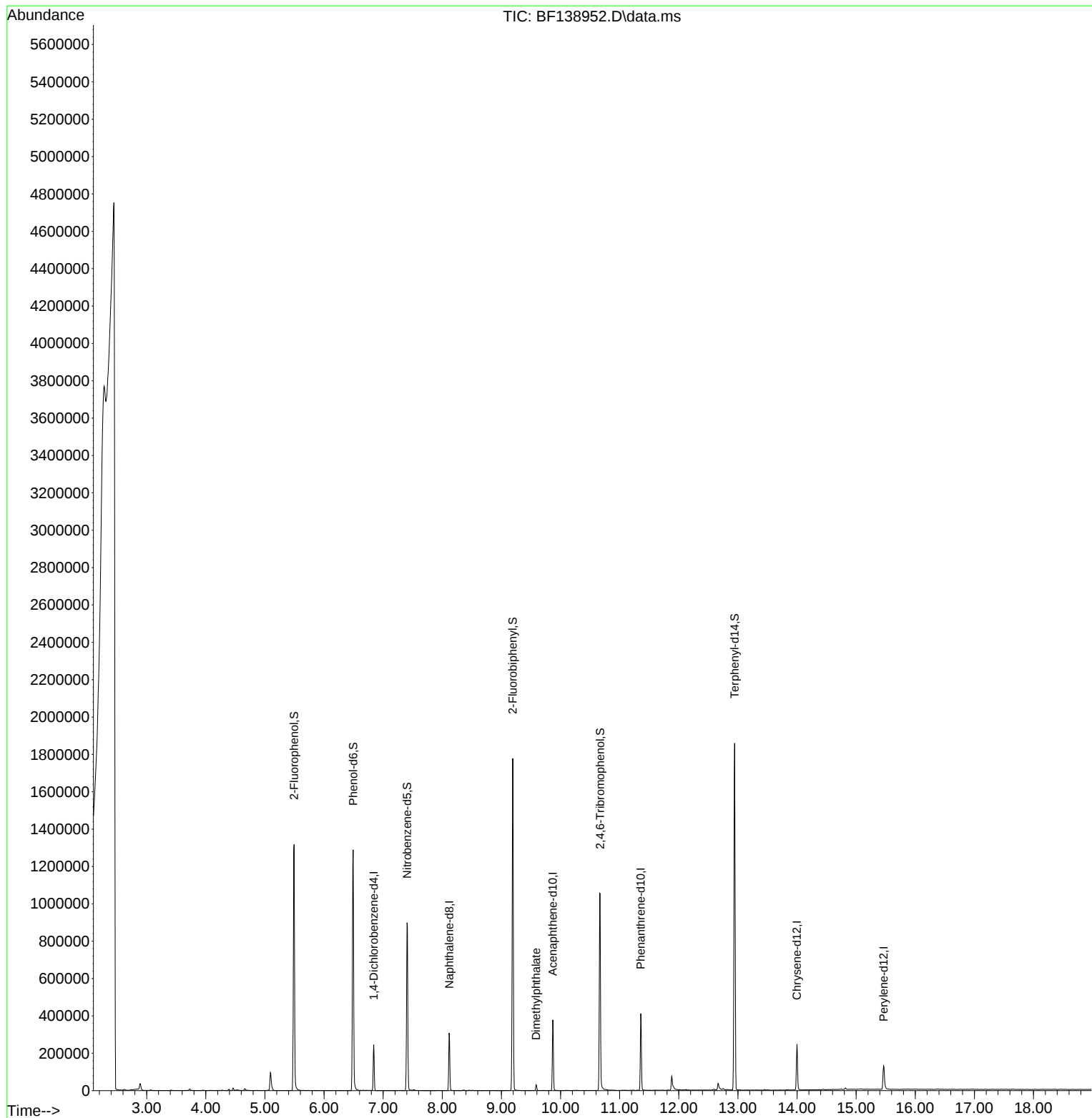
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	45139	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	189203	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	110962	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	208700	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	116040	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	86668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	460997	157.651	ng	0.02
7) Phenol-d6	6.493	99	598714	152.500	ng	0.00
23) Nitrobenzene-d5	7.404	82	409558	105.833	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	166434	183.110	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	767597	103.938	ng	-0.01
79) Terphenyl-d14	12.945	244	909566	131.236	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.587	163	19621	2.765	ng	Qvalue 98

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

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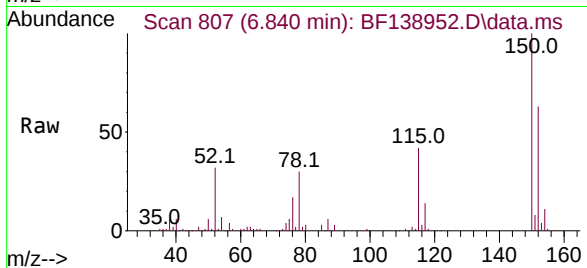
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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QLast Update : Tue Jul 30 17:50:01 2024
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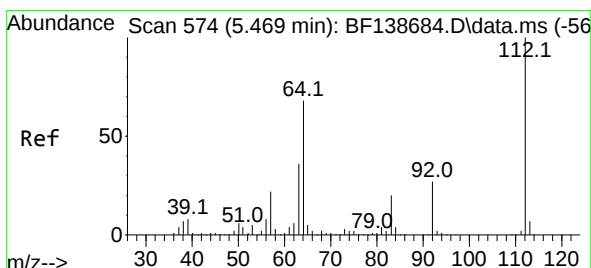
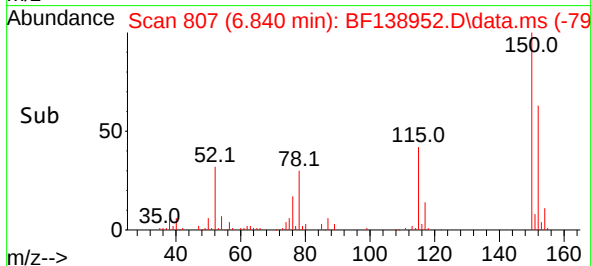
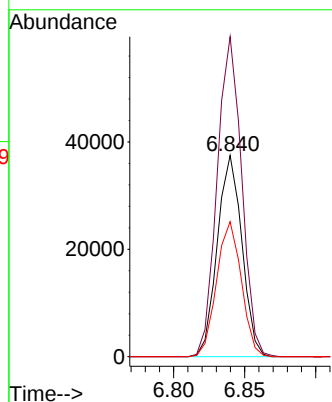


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138952.D
Acq: 13 Aug 2024 00:28

Instrument :
BNA_F
ClientSampleId :
ARS20-0019

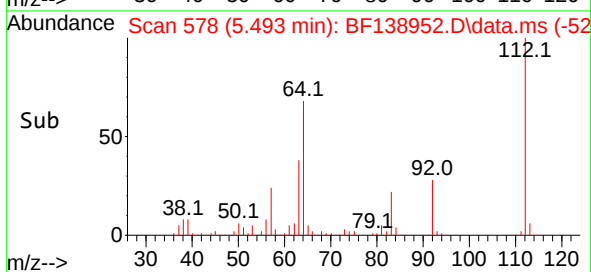
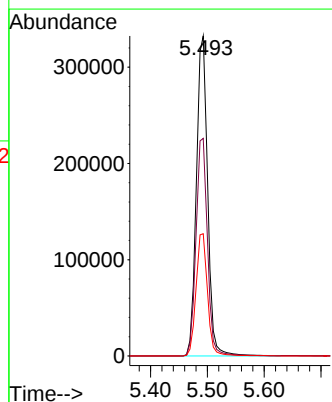
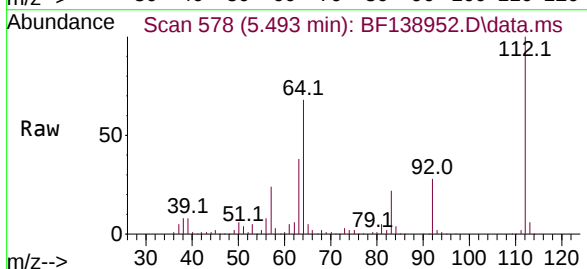


Tgt Ion:152 Resp: 45139
Ion Ratio Lower Upper
152 100
150 159.0 126.0 189.0
115 67.1 51.7 77.5



#5
2-Fluorophenol
Concen: 157.651 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.024 min
Lab File: BF138952.D
Acq: 13 Aug 2024 00:28

Tgt Ion:112 Resp: 460997
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 38.2 28.7 43.1

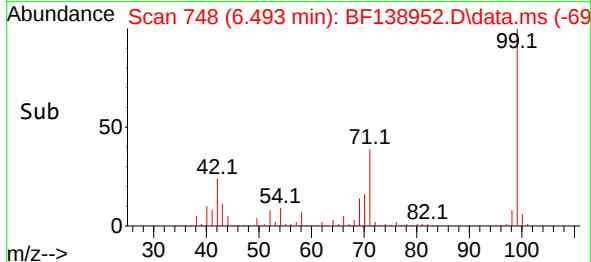
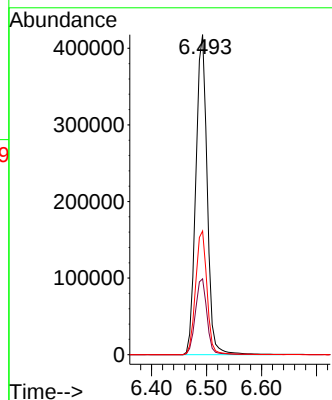
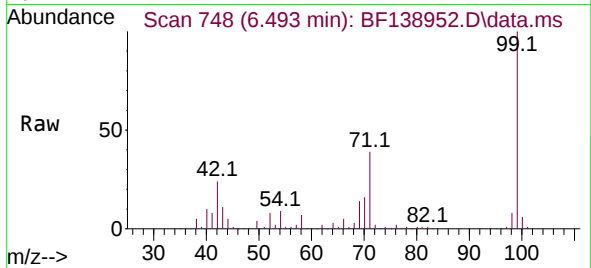




#7
Phenol-d6
Concen: 152.500 ng
RT: 6.493 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138952.D
Acq: 13 Aug 2024 00:28

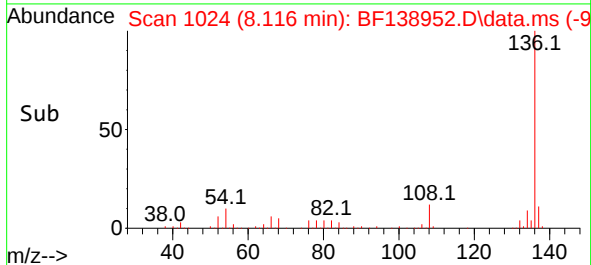
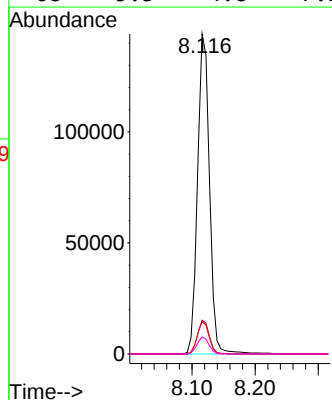
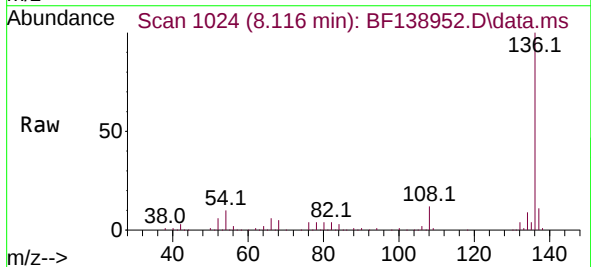
Instrument :
BNA_F
ClientSampleId :
ARS20-0019

Tgt Ion: 99 Resp: 598714
Ion Ratio Lower Upper
99 100
42 23.7 17.4 26.0
71 38.6 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: BF138952.D
Acq: 13 Aug 2024 00:28

Tgt Ion: 136 Resp: 189203
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.1 8.6 12.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 105.833 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138952.D

Acq: 13 Aug 2024 00:28

Instrument :

BNA_F

ClientSampleId :

ARS20-0019

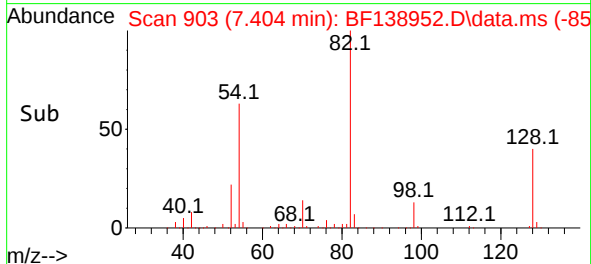
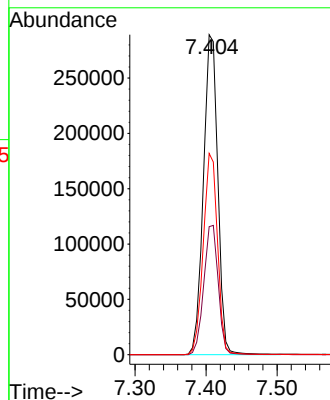
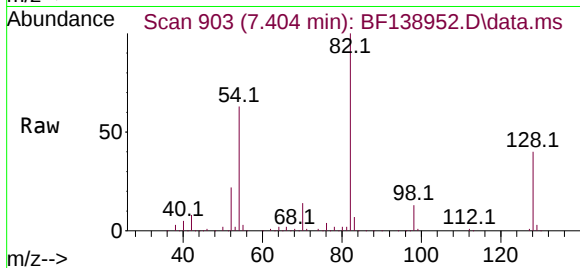
Tgt Ion: 82 Resp: 409558

Ion Ratio Lower Upper

82 100

128 40.0 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: BF138952.D

Acq: 13 Aug 2024 00:28

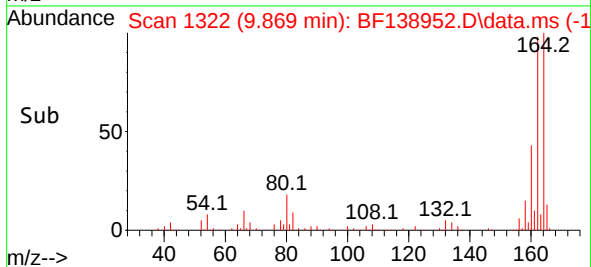
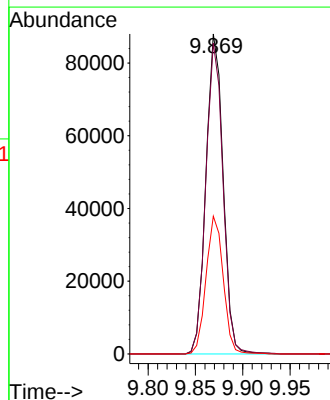
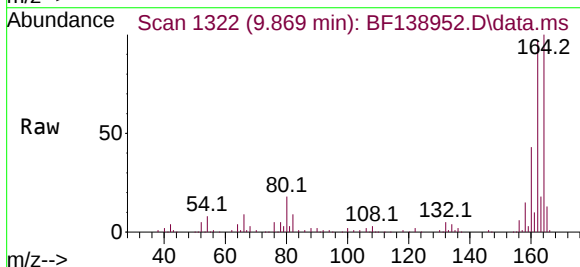
Tgt Ion:164 Resp: 110962

Ion Ratio Lower Upper

164 100

162 97.1 79.4 119.0

160 43.0 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 183.110 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138952.D

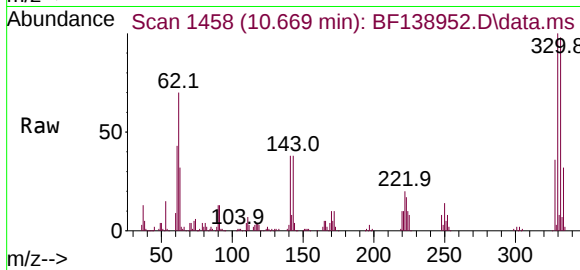
Acq: 13 Aug 2024 00:28

Instrument :

BNA_F

ClientSampleId :

ARS20-0019



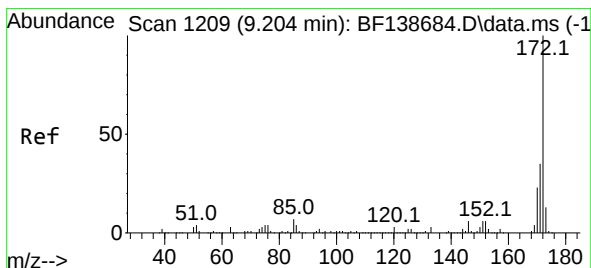
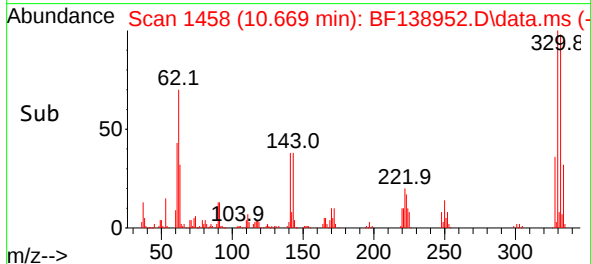
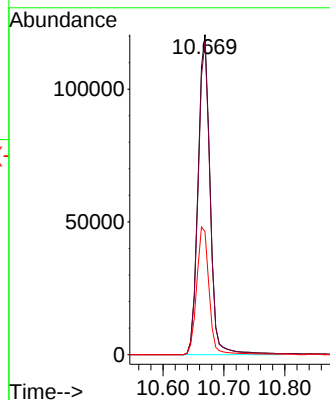
Tgt Ion:330 Resp: 166434

Ion Ratio Lower Upper

330 100

332 97.7 76.4 114.6

141 41.0 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 103.938 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138952.D

Acq: 13 Aug 2024 00:28

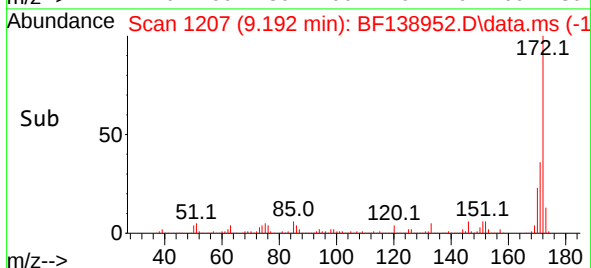
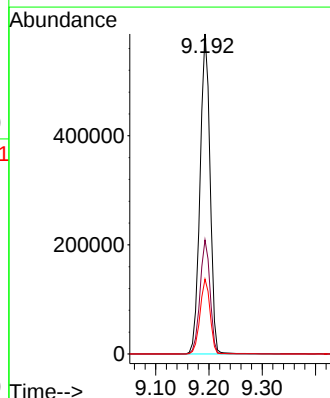
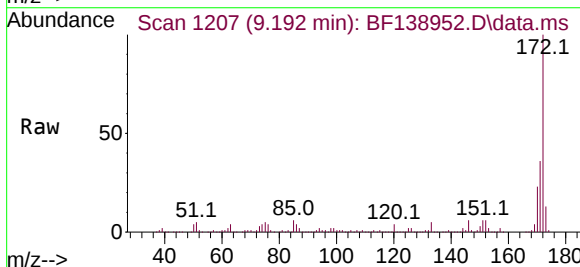
Tgt Ion:172 Resp: 767597

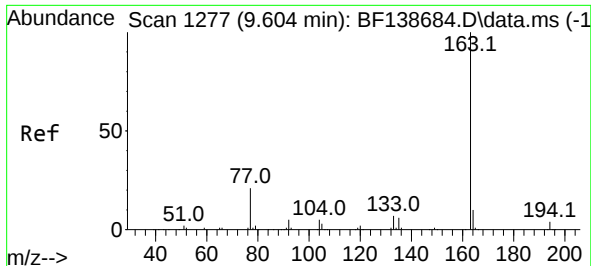
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.4 18.8 28.2

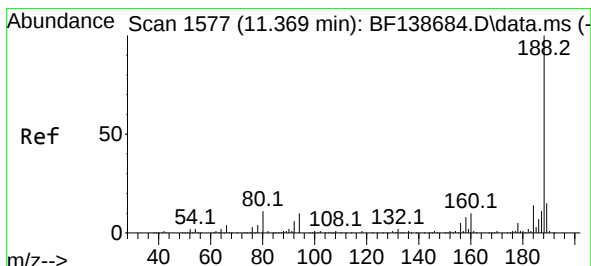
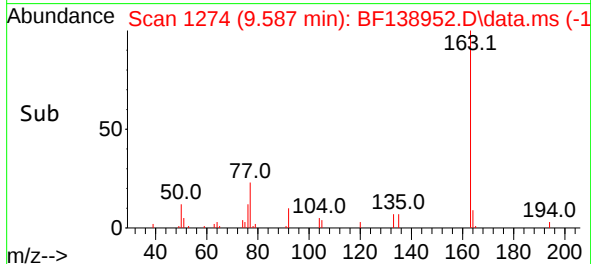
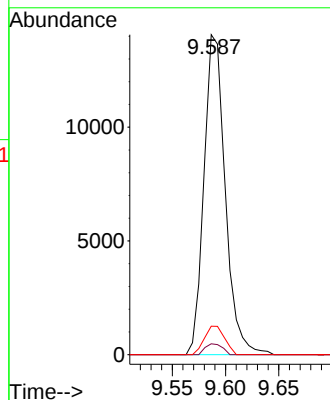
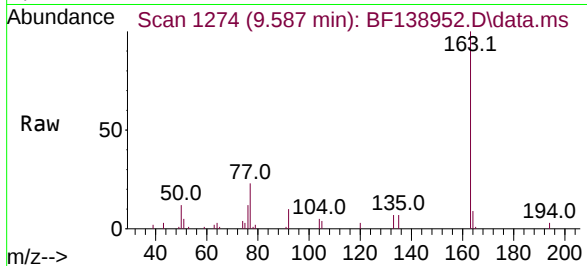




#50
Dimethylphthalate
Concen: 2.765 ng
RT: 9.587 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF138952.D
Acq: 13 Aug 2024 00:28

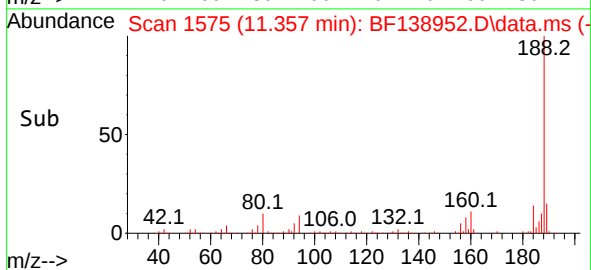
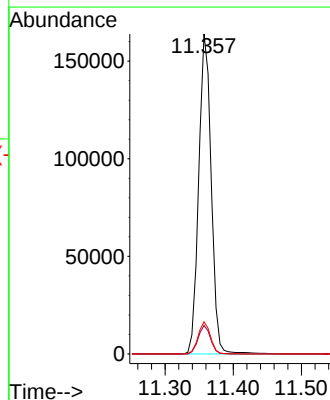
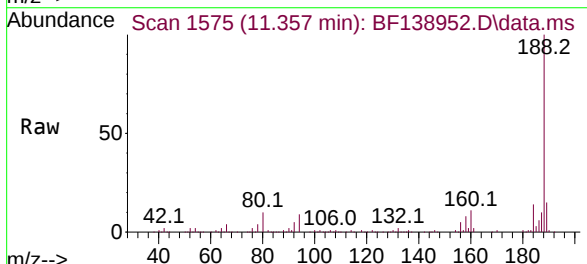
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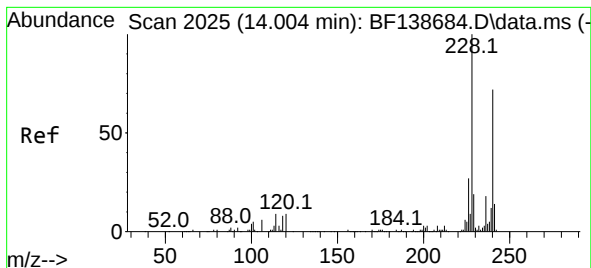
Tgt Ion:163 Resp: 19621
Ion Ratio Lower Upper
163 100
194 3.4 3.1 4.7
164 8.9 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1575
Delta R.T. -0.012 min
Lab File: BF138952.D
Acq: 13 Aug 2024 00:28

Tgt Ion:188 Resp: 208700
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 10.0 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138952.D

Acq: 13 Aug 2024 00:28

Instrument :

BNA_F

ClientSampleId :

ARS20-0019

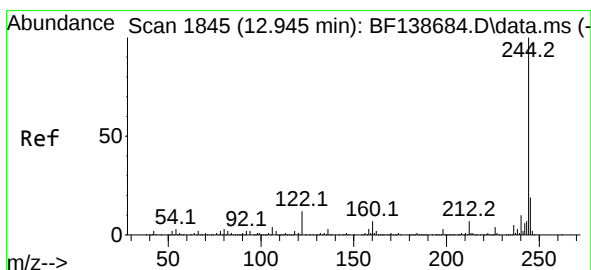
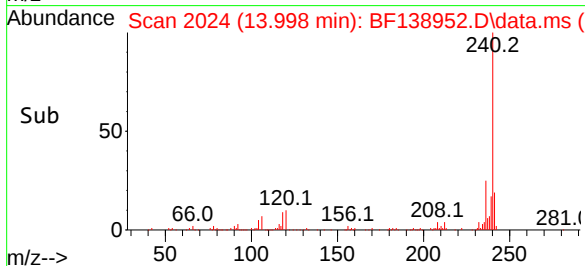
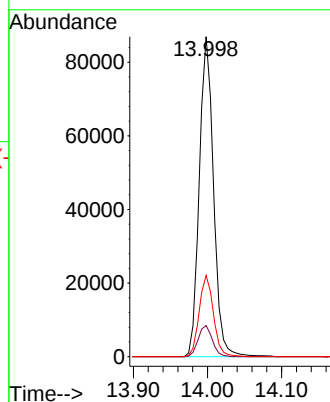
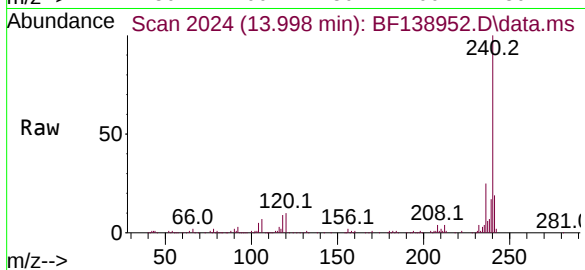
Tgt Ion:240 Resp: 116040

Ion Ratio Lower Upper

240 100

120 9.8 10.2 15.4#

236 25.4 19.8 29.8



#79

Terphenyl-d14

Concen: 131.236 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138952.D

Acq: 13 Aug 2024 00:28

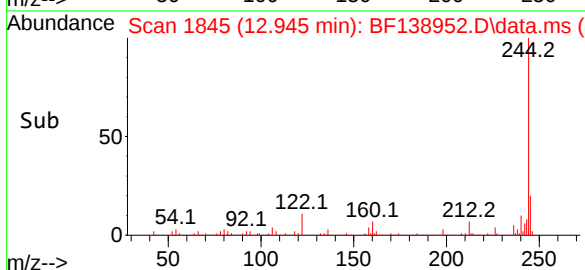
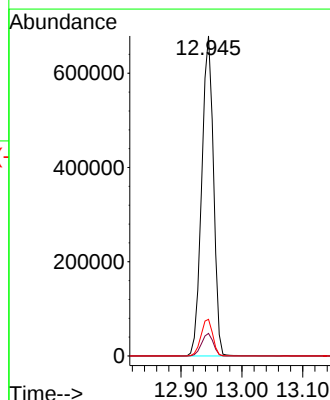
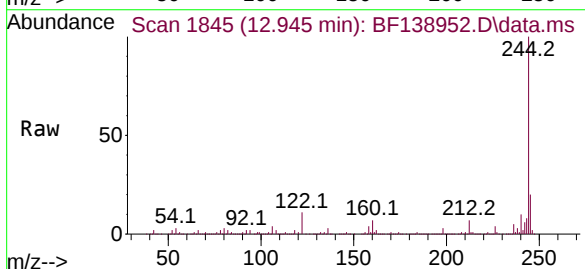
Tgt Ion:244 Resp: 909566

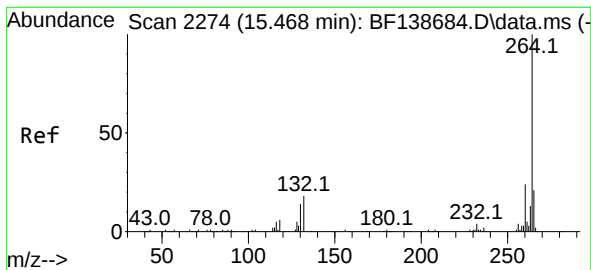
Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.5 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138952.D

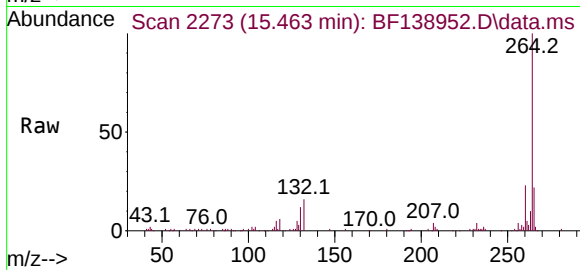
Acq: 13 Aug 2024 00:28

Instrument :

BNA_F

ClientSampleId :

ARS20-0019



Tgt Ion:264 Resp: 86668

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 22.0 17.0 25.6

