

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138845.D
 Acq On : 07 Aug 2024 16:35
 Operator : RC/JU
 Sample : P3426-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 927-K1-WS-073124

Quant Time: Aug 07 17:07:51 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	42119	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	170418	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	92774	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	151758	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	74743	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	81654	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	157299	57.650	ng	0.00
7) Phenol-d6	6.481	99	131100	35.787	ng	0.00
23) Nitrobenzene-d5	7.404	82	330254	94.747	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	113237	149.007	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	610723	98.908	ng	-0.01
79) Terphenyl-d14	12.939	244	529072	118.514	ng	0.00

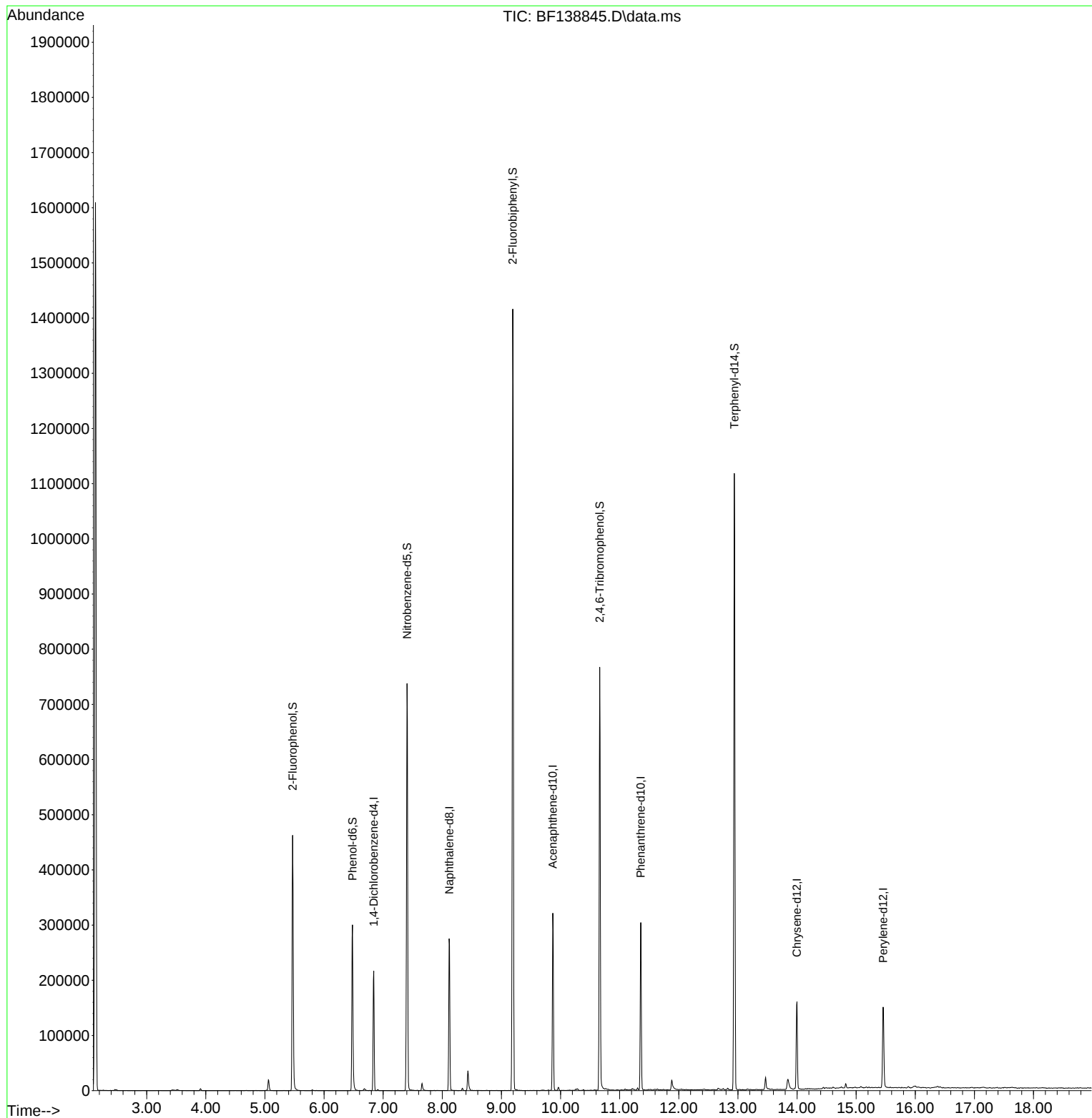
Target Compounds	Qvalue

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

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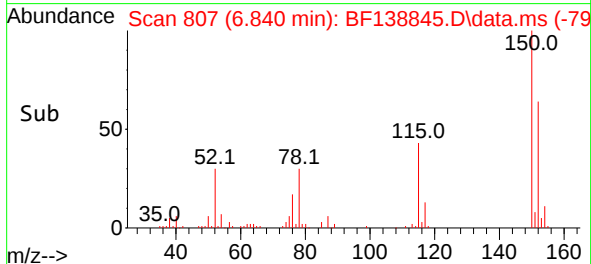
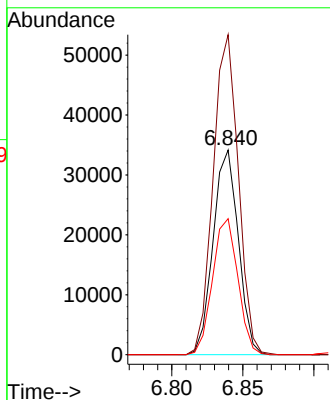
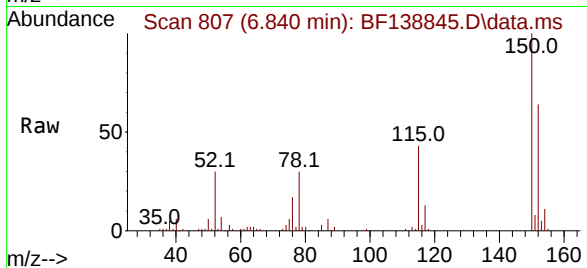




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138845.D
Acq: 07 Aug 2024 16:35

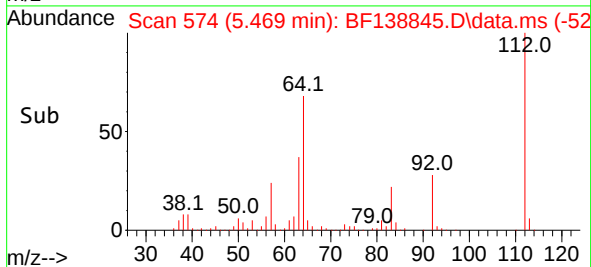
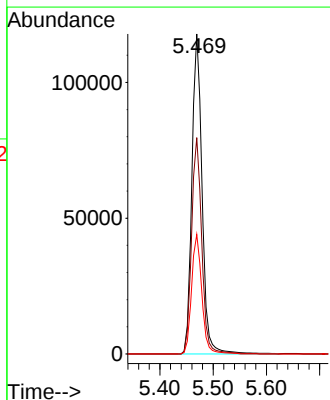
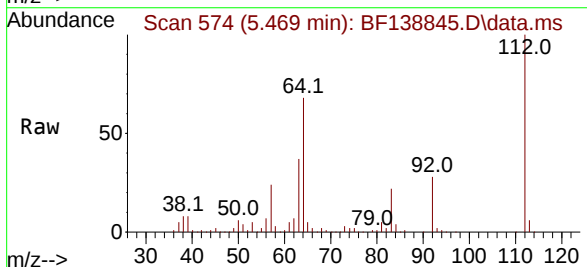
Instrument :
BNA_F
ClientSampleId :
927-K1-WS-073124

Tgt Ion:152 Resp: 42119
Ion Ratio Lower Upper
152 100
150 156.3 126.0 189.0
115 66.5 51.7 77.5



#5
2-Fluorophenol
Concen: 57.650 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138845.D
Acq: 07 Aug 2024 16:35

Tgt Ion:112 Resp: 157299
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 37.3 28.7 43.1

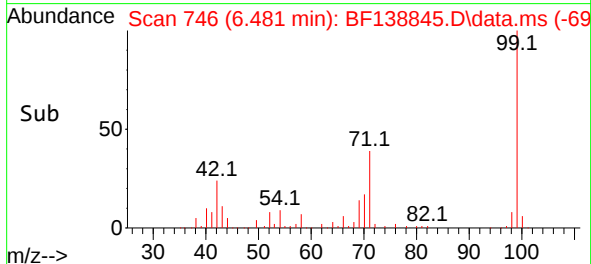
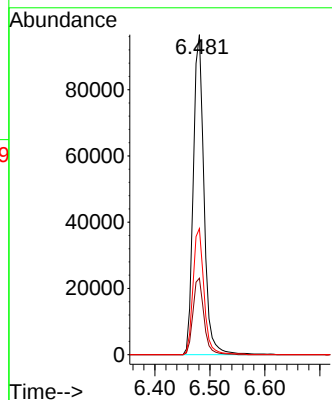
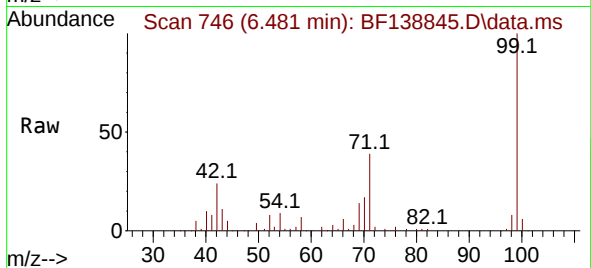




#7
Phenol-d6
Concen: 35.787 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138845.D
Acq: 07 Aug 2024 16:35

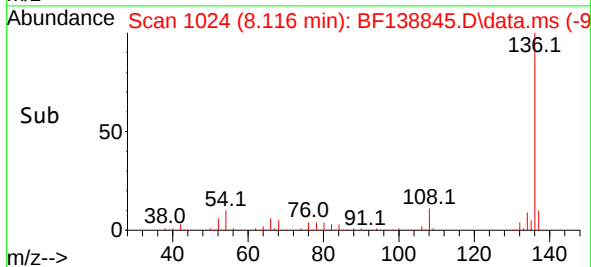
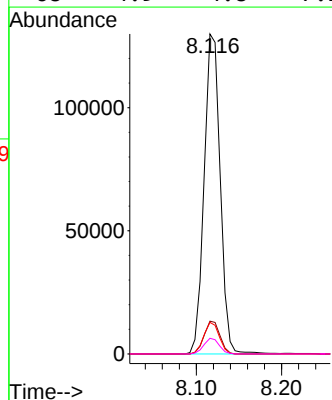
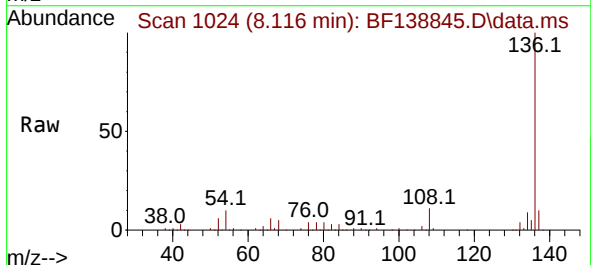
Instrument :
BNA_F
ClientSampleId :
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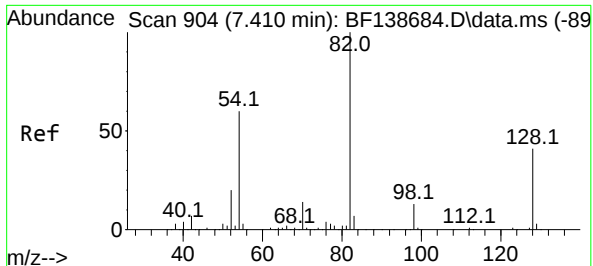
Tgt Ion: 99 Resp: 131100
Ion Ratio Lower Upper
99 100
42 23.9 17.4 26.0
71 39.4 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138845.D
Acq: 07 Aug 2024 16:35

Tgt Ion: 136 Resp: 170418
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 9.8 8.6 12.8
68 4.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 94.747 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138845.D

Acq: 07 Aug 2024 16:35

Instrument :

BNA_F

ClientSampleId :

927-K1-WS-073124

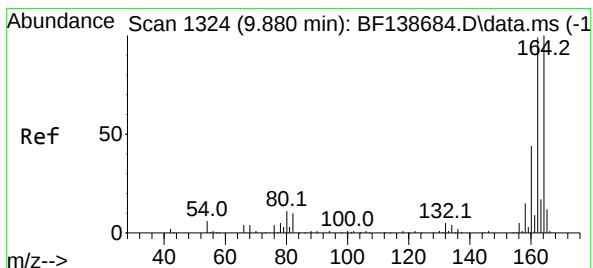
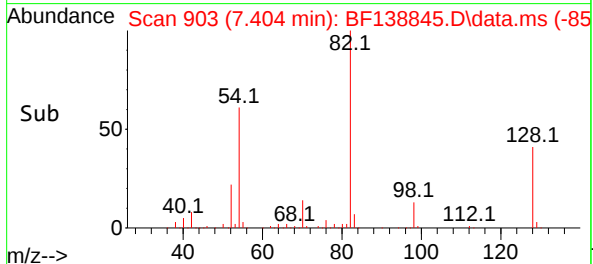
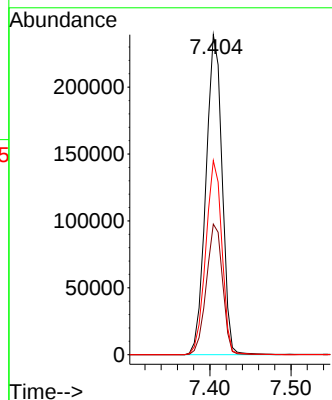
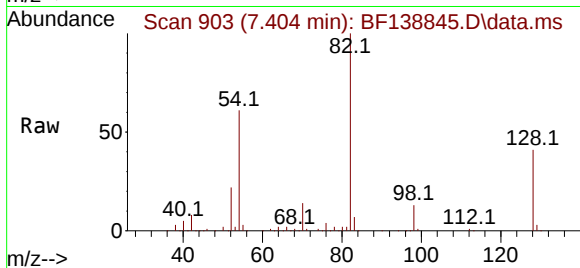
Tgt Ion: 82 Resp: 330254

Ion Ratio Lower Upper

82 100

128 40.8 32.8 49.2

54 60.7 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: BF138845.D

Acq: 07 Aug 2024 16:35

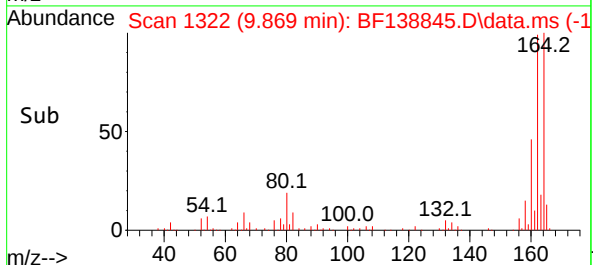
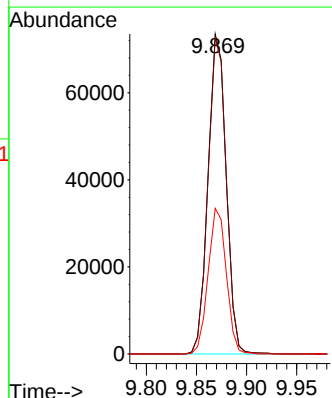
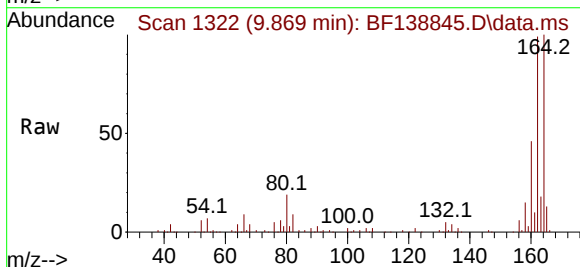
Tgt Ion:164 Resp: 92774

Ion Ratio Lower Upper

164 100

162 98.9 79.4 119.0

160 45.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 149.007 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138845.D

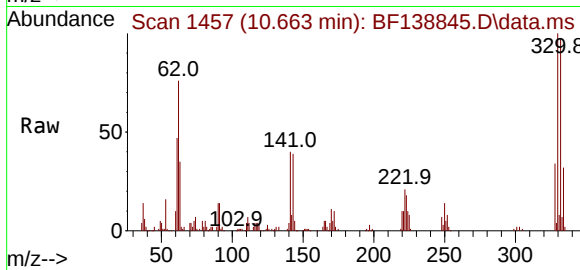
Acq: 07 Aug 2024 16:35

Instrument :

BNA_F

ClientSampleId :

927-K1-WS-073124



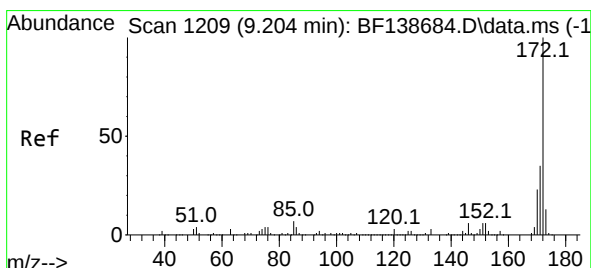
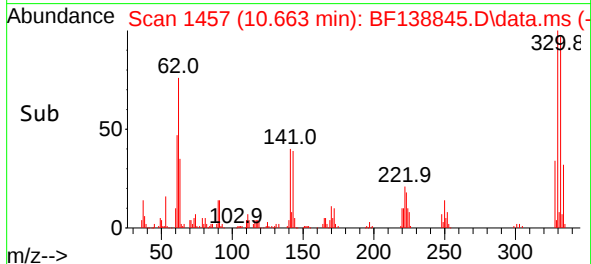
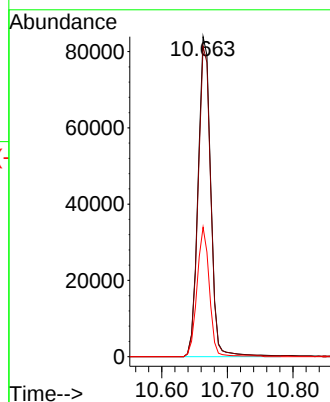
Tgt Ion:330 Resp: 113237

Ion Ratio Lower Upper

330 100

332 96.8 76.4 114.6

141 39.4 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 98.908 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.012 min

Lab File: BF138845.D

Acq: 07 Aug 2024 16:35

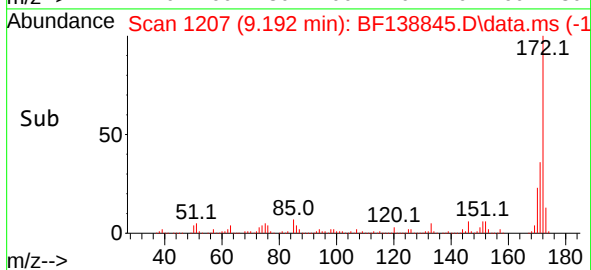
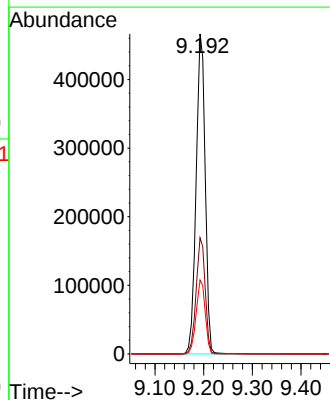
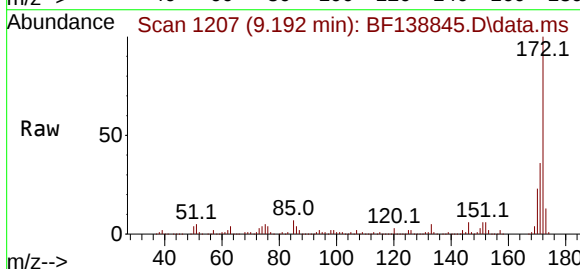
Tgt Ion:172 Resp: 610723

Ion Ratio Lower Upper

172 100

171 36.3 28.3 42.5

170 23.1 18.8 28.2

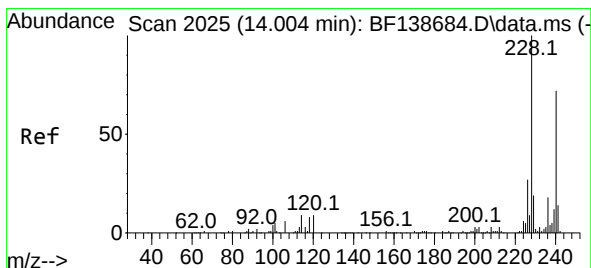
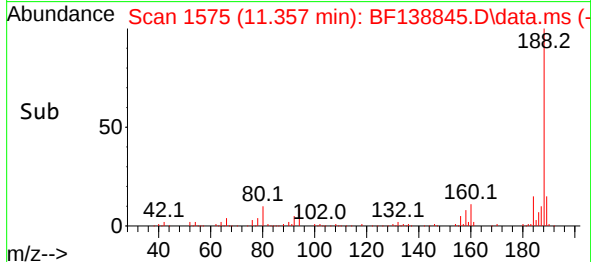
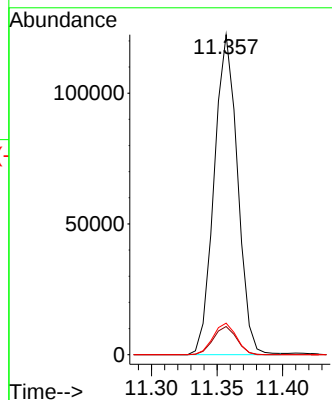
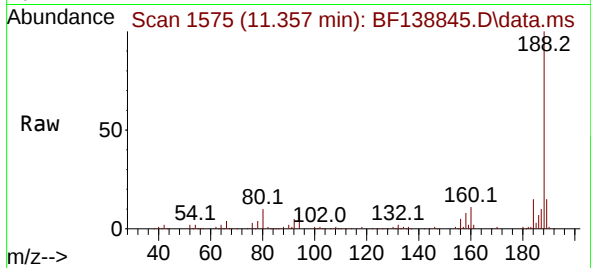




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138845.D
Acq: 07 Aug 2024 16:35

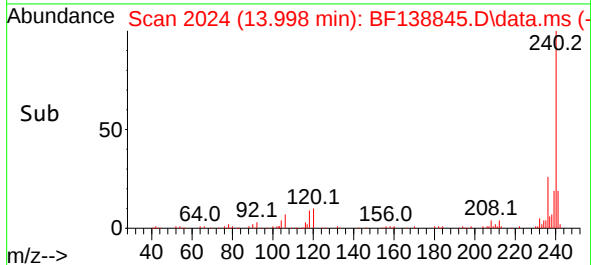
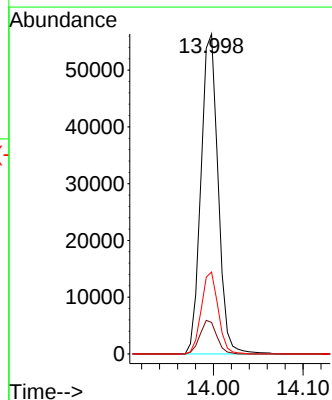
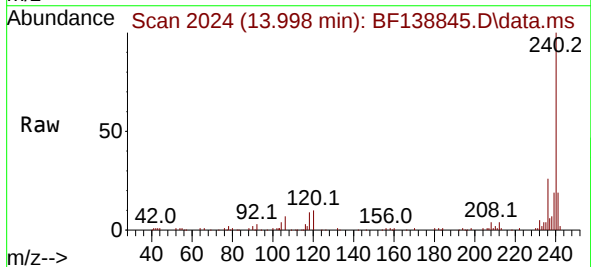
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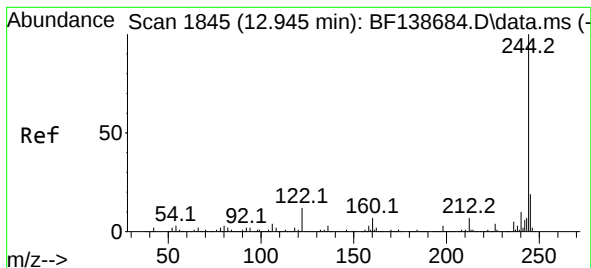
Tgt Ion:188 Resp: 151758
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138845.D
Acq: 07 Aug 2024 16:35

Tgt Ion:240 Resp: 74743
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4#
236 25.6 19.8 29.8





#79

Terphenyl-d14

Concen: 118.514 ng

RT: 12.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138845.D

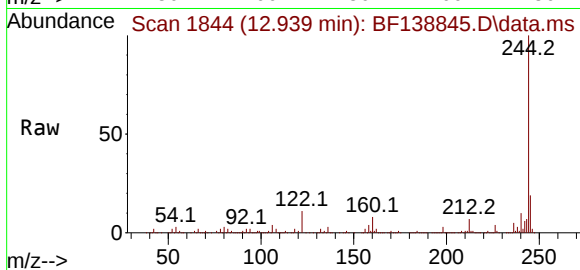
Acq: 07 Aug 2024 16:35

Instrument :

BNA_F

ClientSampleId :

927-K1-WS-073124



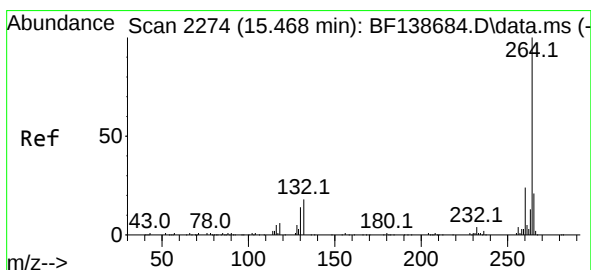
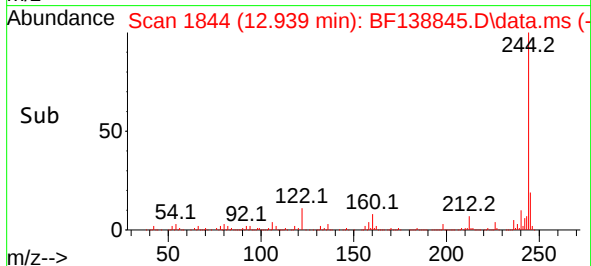
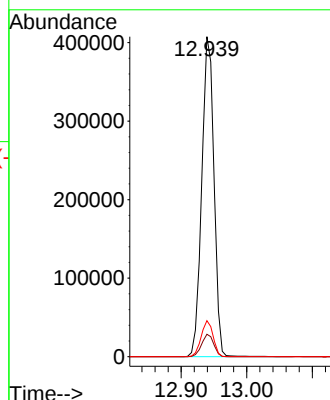
Tgt Ion:244 Resp: 529072

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 11.3 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: BF138845.D

Acq: 07 Aug 2024 16:35

Tgt Ion:264 Resp: 81654

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 21.5 17.0 25.6

