

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138916.D
 Acq On : 10 Aug 2024 18:22
 Operator : RC/JU
 Sample : P3457-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 932-K1-WS-080224

Quant Time: Aug 12 01:17:28 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	37230	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	143891	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	78846	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	133629	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	64457	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	79602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	132816	55.069	ng	0.00
7) Phenol-d6	6.481	99	105633	32.622	ng	0.00
23) Nitrobenzene-d5	7.404	82	288003	97.858	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	91925	142.331	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	519141	98.928	ng	-0.01
79) Terphenyl-d14	12.939	244	409077	106.258	ng	0.00

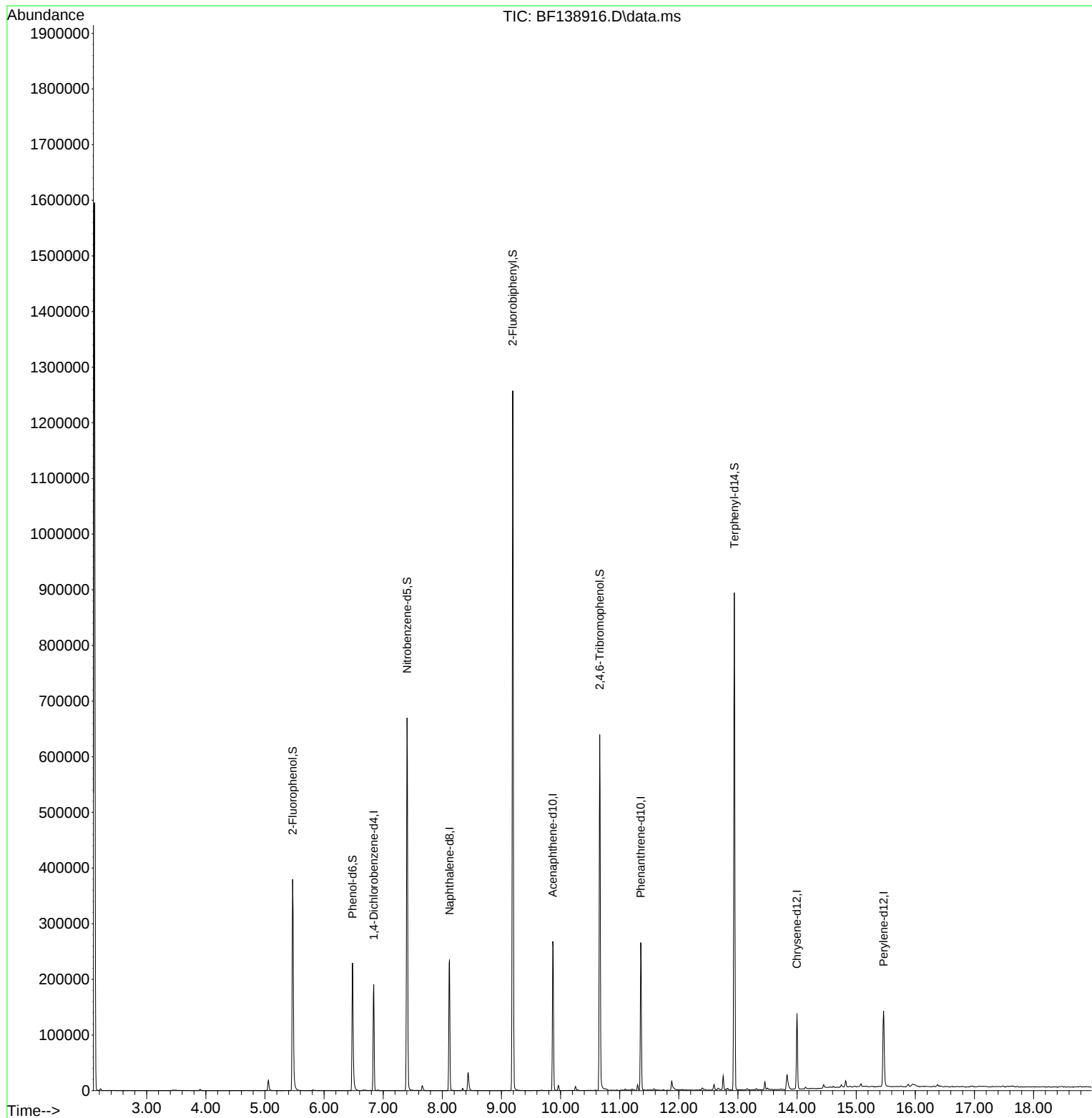
Target Compounds	Qvalue

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

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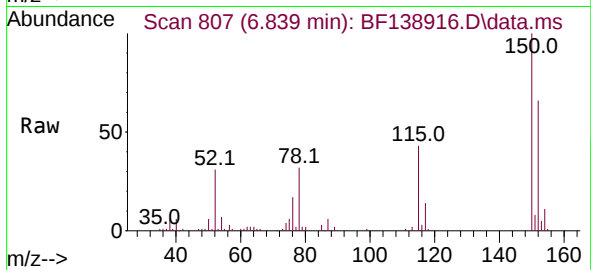
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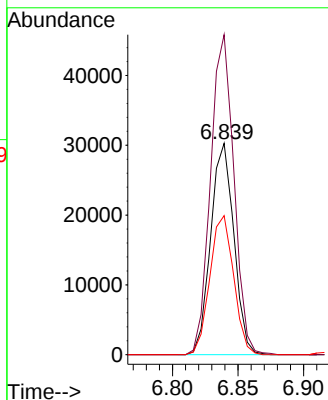
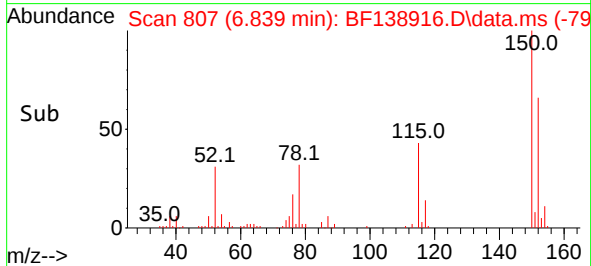


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

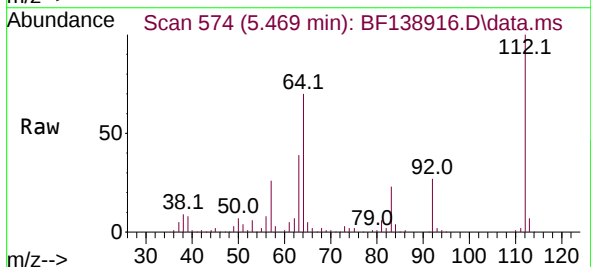
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BNA_F
ClientSampleId :
932-K1-WS-080224



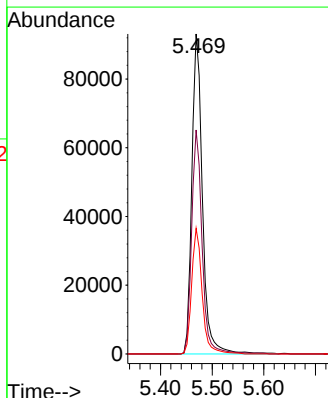
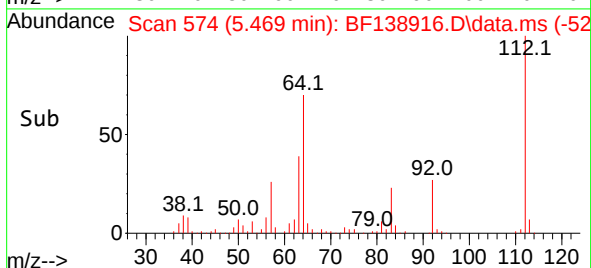
Tgt Ion:152 Resp: 37230
Ion Ratio Lower Upper
152 100
150 151.4 126.0 189.0
115 65.8 51.7 77.5



#5
2-Fluorophenol
Concen: 55.069 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22



Tgt Ion:112 Resp: 132816
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 39.2 28.7 43.1

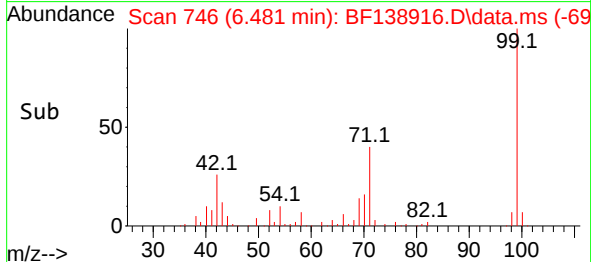
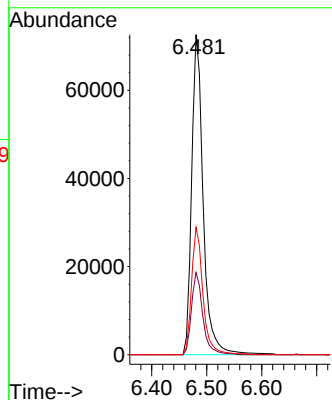
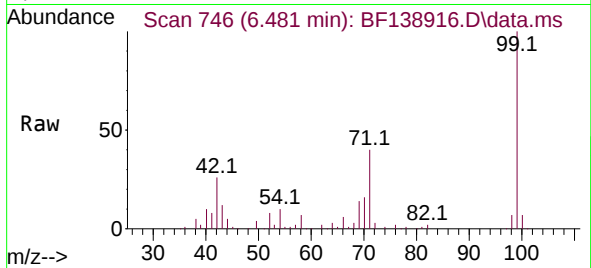




#7
Phenol-d6
Concen: 32.622 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

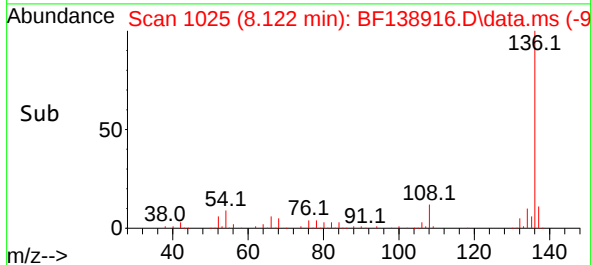
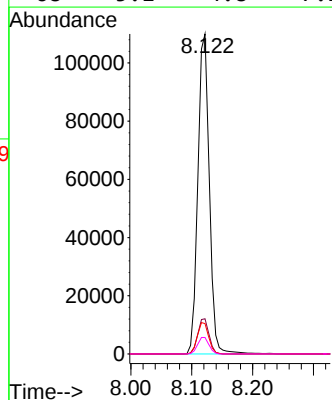
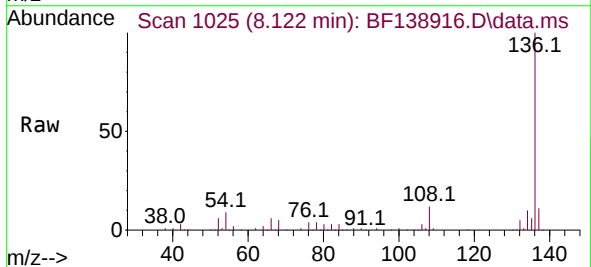
Instrument :
BNA_F
ClientSampleId :
932-K1-WS-080224

Tgt Ion: 99 Resp: 105633
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 39.8 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

Tgt Ion: 136 Resp: 143891
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.5 8.6 12.8
68 5.1 4.8 7.2

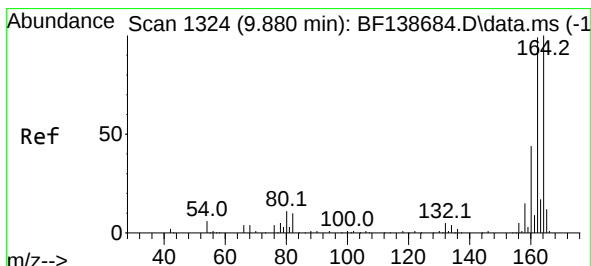
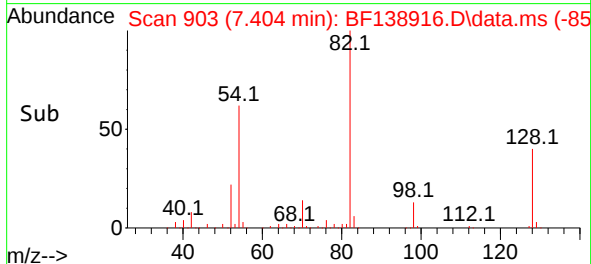
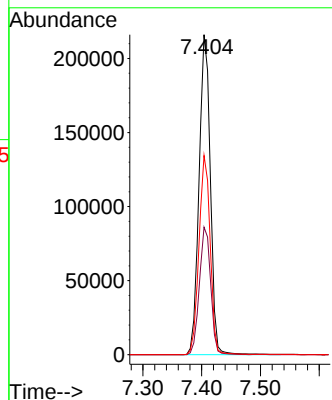
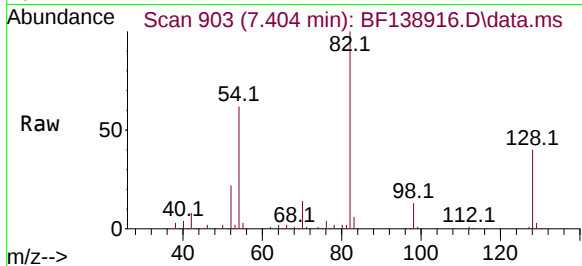




#23
Nitrobenzene-d5
Concen: 97.858 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

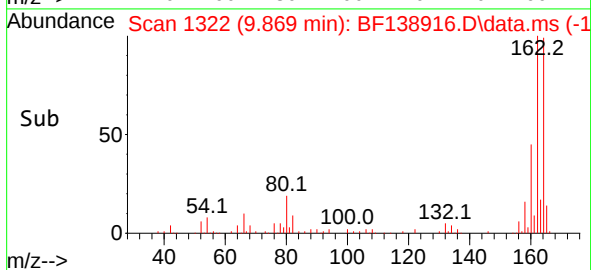
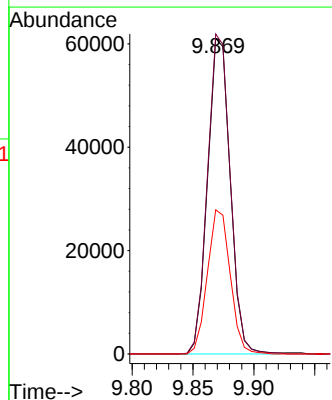
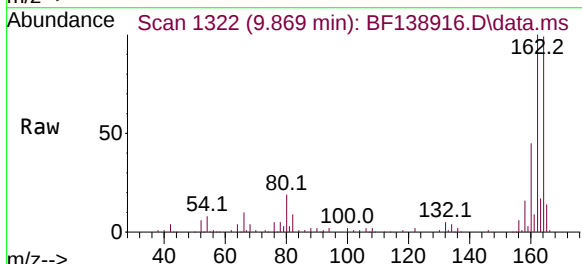
Instrument :
BNA_F
ClientSampleId :
932-K1-WS-080224

Tgt Ion: 82 Resp: 288003
Ion Ratio Lower Upper
82 100
128 39.8 32.8 49.2
54 62.3 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: BF138916.D
Acq: 10 Aug 2024 18:22

Tgt Ion: 164 Resp: 78846
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.0
160 45.6 35.1 52.7

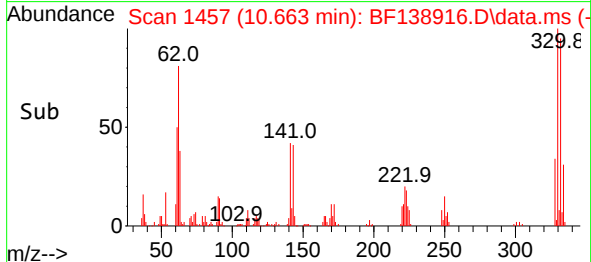
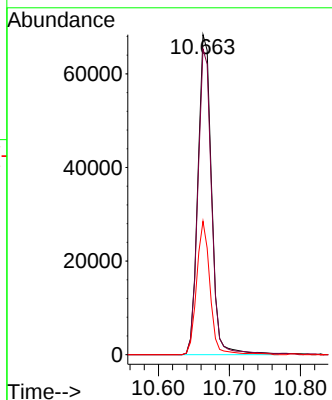
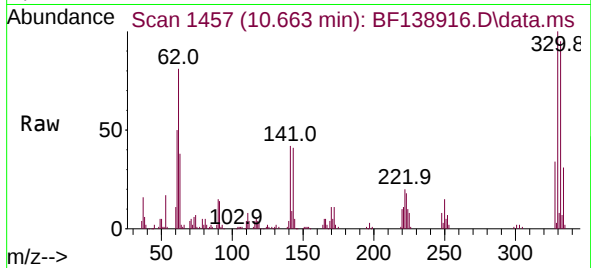




#42
2,4,6-Tribromophenol
Concen: 142.331 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

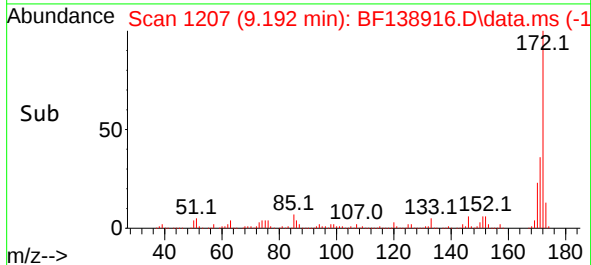
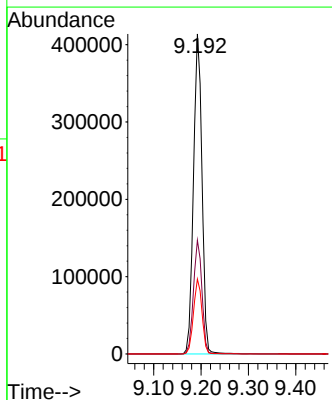
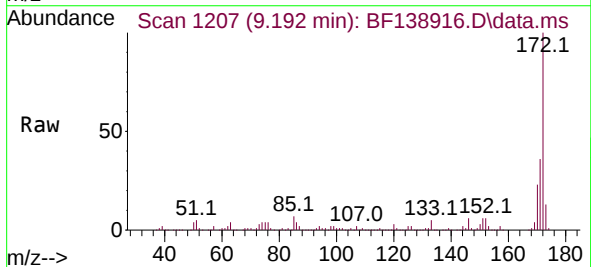
Instrument :
BNA_F
ClientSampleId :
932-K1-WS-080224

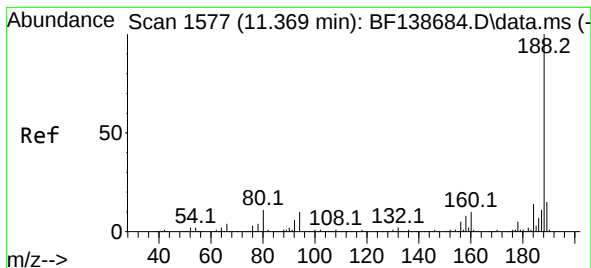
Tgt Ion:330 Resp: 91925
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 40.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 98.928 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

Tgt Ion:172 Resp: 519141
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138916.D

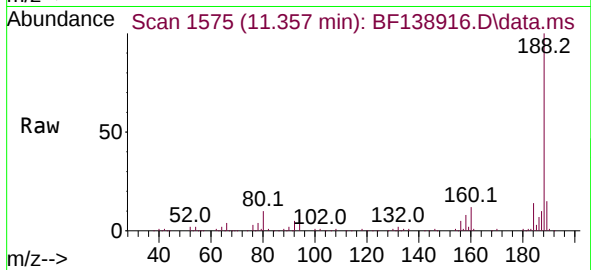
Acq: 10 Aug 2024 18:22

Instrument :

BNA_F

ClientSampleId :

932-K1-WS-080224



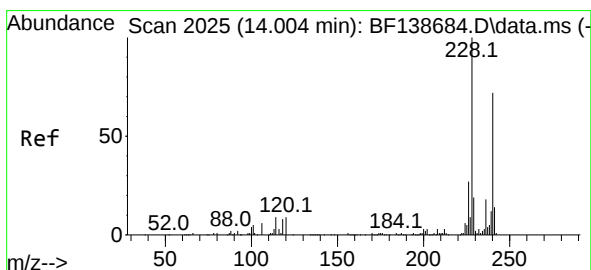
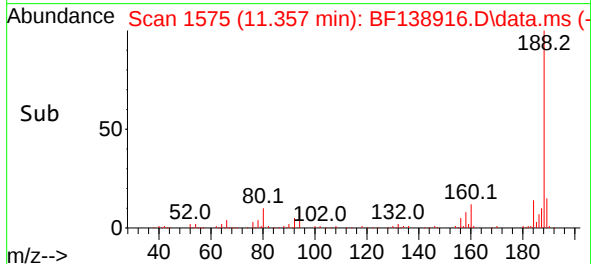
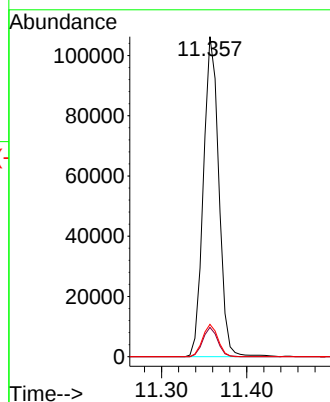
Tgt Ion:188 Resp: 133629

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 10.1 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: BF138916.D

Acq: 10 Aug 2024 18:22

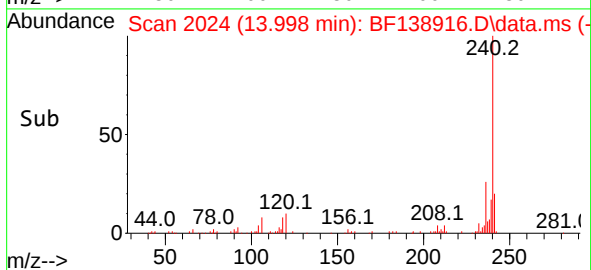
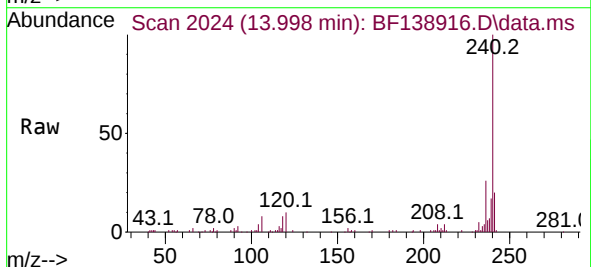
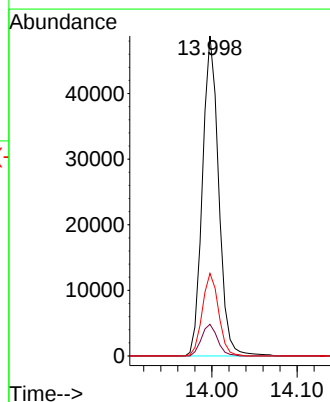
Tgt Ion:240 Resp: 64457

Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.4#

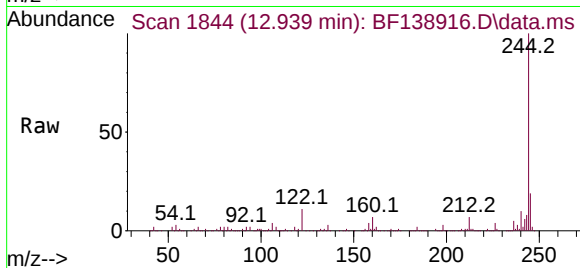
236 25.8 19.8 29.8



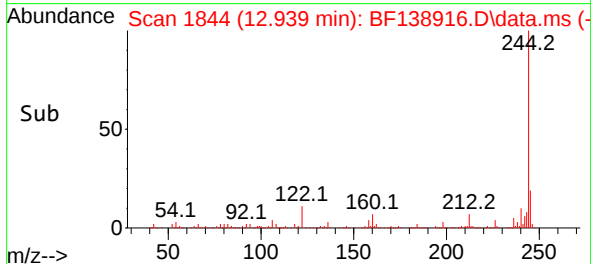
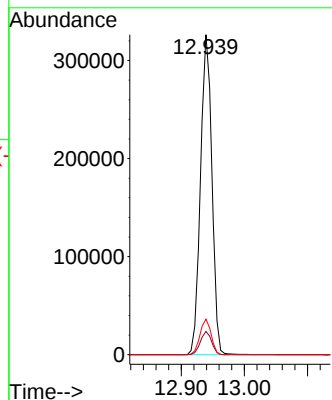


#79
Terphenyl-d14
Concen: 106.258 ng
RT: 12.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

Instrument :
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Tgt Ion:244 Resp: 409077
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.1 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: BF138916.D
Acq: 10 Aug 2024 18:22

Tgt Ion:264 Resp: 79602
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 20.5 17.0 25.6

