

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138844.D
 Acq On : 07 Aug 2024 16:05
 Operator : RC/JU
 Sample : P3451-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 921-J-WS-080124

Quant Time: Aug 07 16:45:20 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	44294	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	184121	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	95656	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	153464	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	77095	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	83649	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	141062	49.160	ng	0.00
7) Phenol-d6	6.481	99	113888	29.562	ng	0.00
23) Nitrobenzene-d5	7.404	82	296026	78.606	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	100667	128.475	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	556721	87.446	ng	-0.01
79) Terphenyl-d14	12.939	244	438977	95.332	ng	0.00

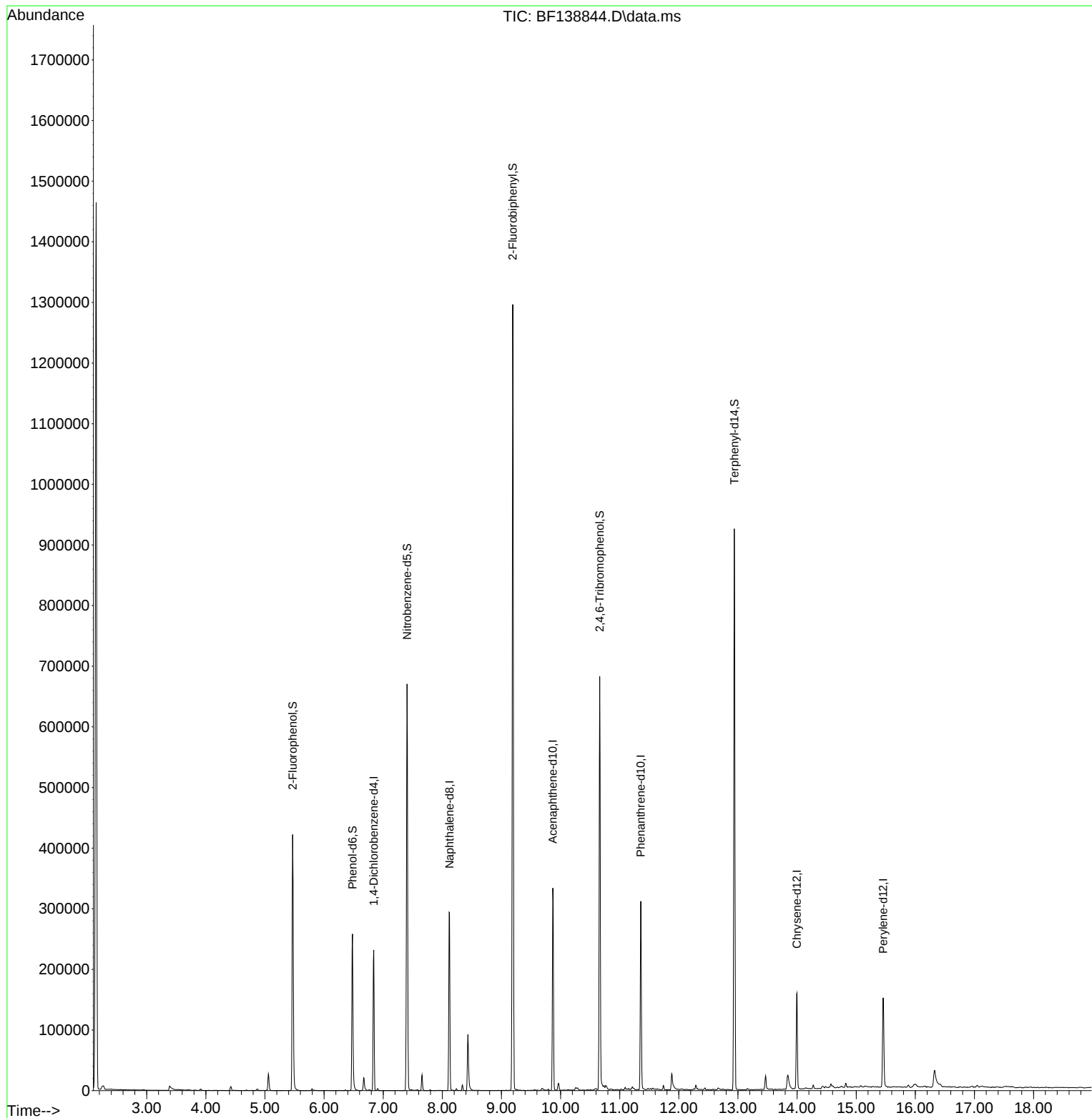
Target Compounds	Qvalue

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

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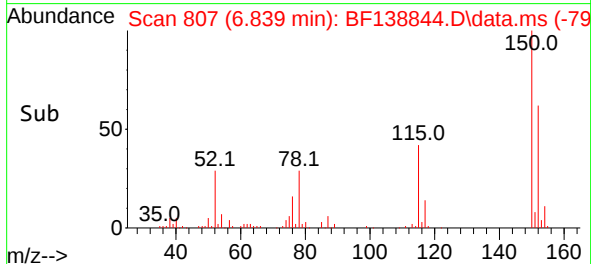
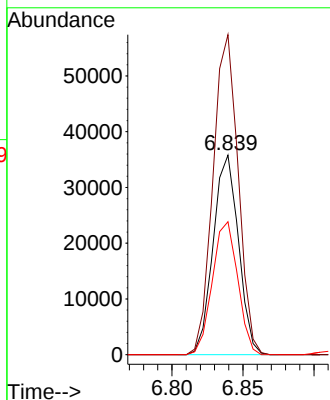
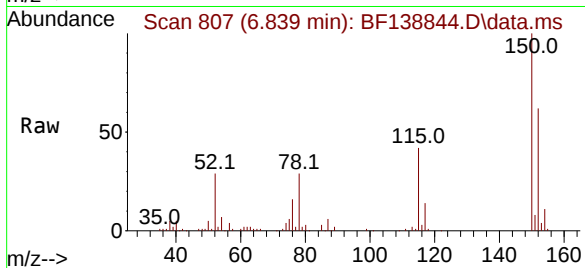




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

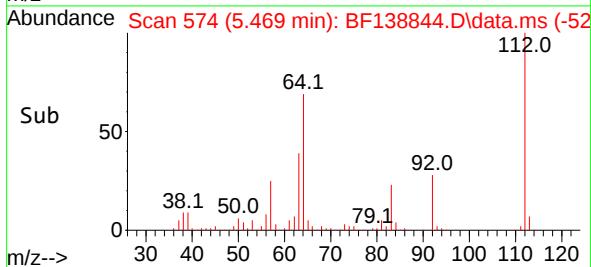
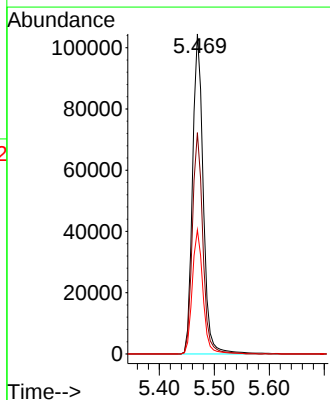
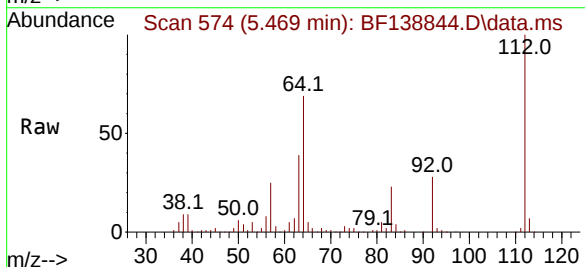
Instrument :
BNA_F
ClientSampleId :
921-J-WS-080124

Tgt Ion:152 Resp: 44294
Ion Ratio Lower Upper
152 100
150 160.3 126.0 189.0
115 66.6 51.7 77.5



#5
2-Fluorophenol
Concen: 49.160 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

Tgt Ion:112 Resp: 141062
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 38.8 28.7 43.1

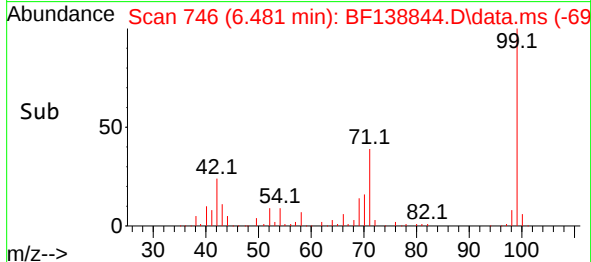
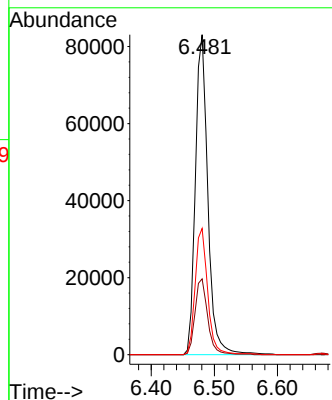
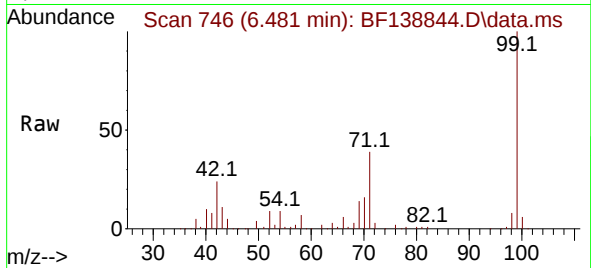




#7
Phenol-d6
Concen: 29.562 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

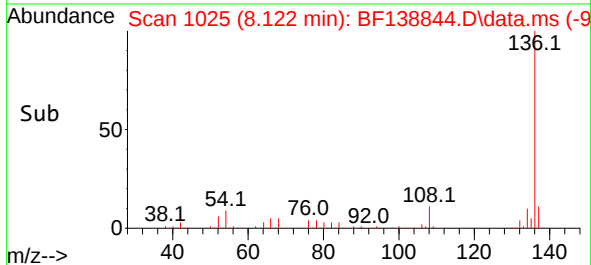
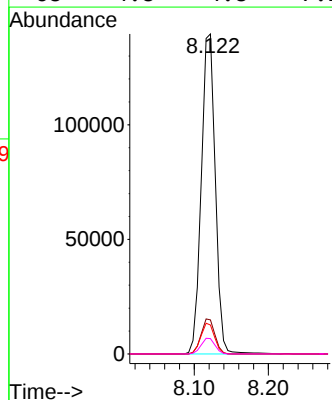
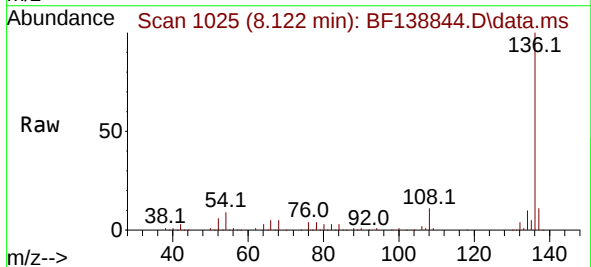
Instrument :
BNA_F
ClientSampleId :
921-J-WS-080124

Tgt Ion: 99 Resp: 113888
Ion Ratio Lower Upper
99 100
42 23.7 17.4 26.0
71 39.4 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: BF138844.D
Acq: 07 Aug 2024 16:05

Tgt Ion: 136 Resp: 184121
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.0 8.6 12.8
68 4.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 78.606 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138844.D

Acq: 07 Aug 2024 16:05

Instrument :

BNA_F

ClientSampleId :

921-J-WS-080124

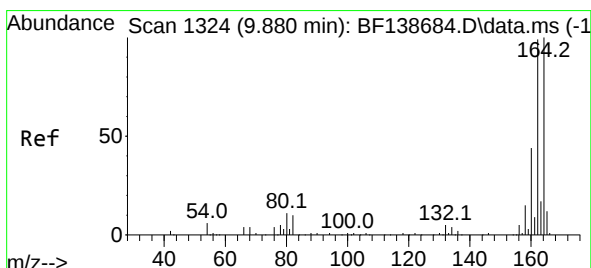
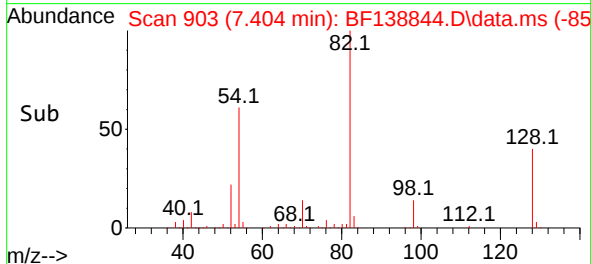
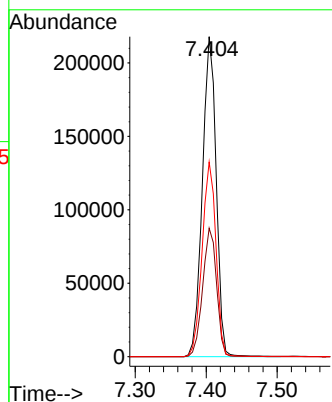
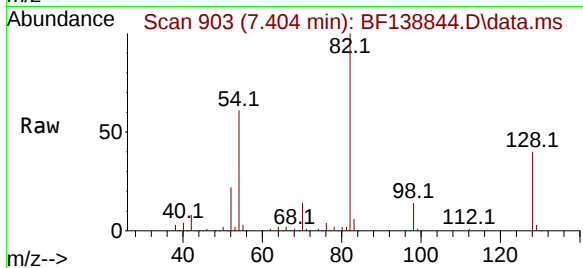
Tgt Ion: 82 Resp: 296026

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

54 60.9 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: BF138844.D

Acq: 07 Aug 2024 16:05

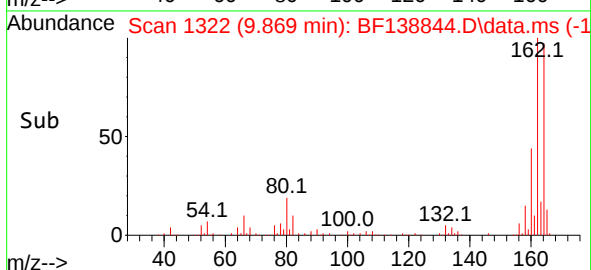
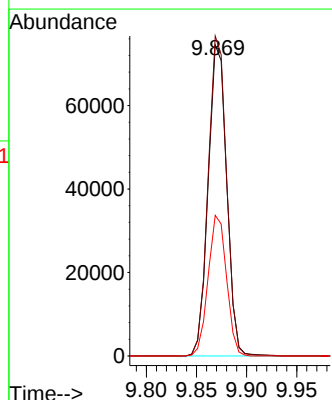
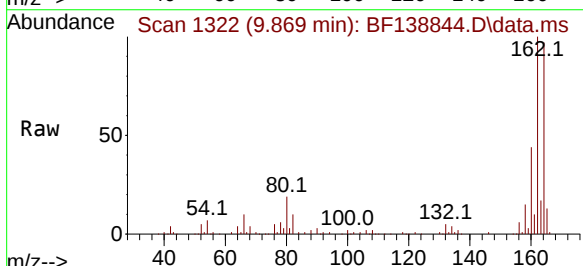
Tgt Ion:164 Resp: 95656

Ion Ratio Lower Upper

164 100

162 102.9 79.4 119.0

160 45.2 35.1 52.7

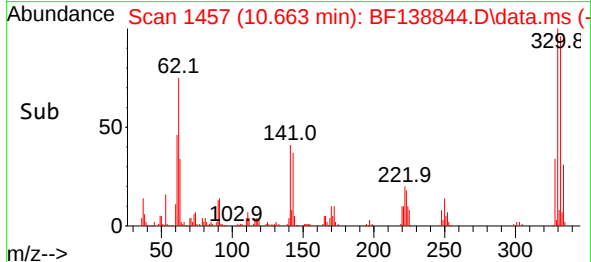
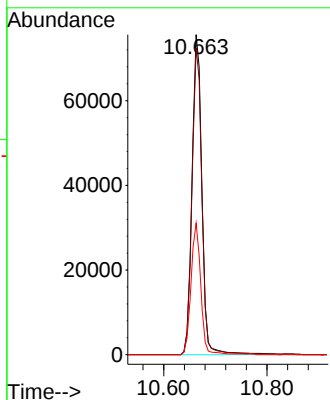
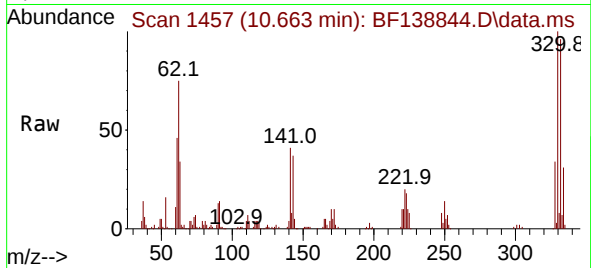




#42
2,4,6-Tribromophenol
Concen: 128.475 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

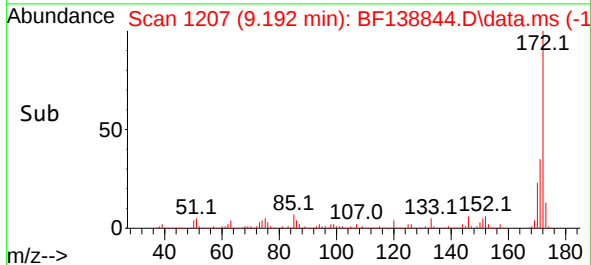
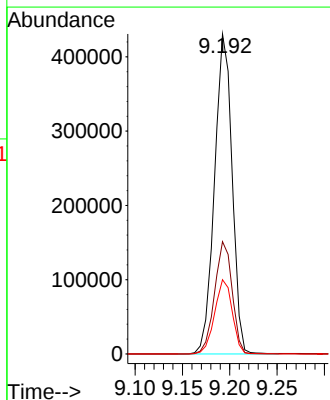
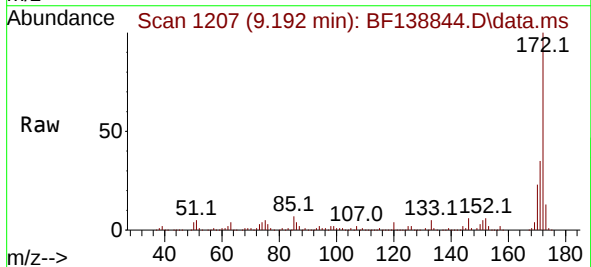
Instrument :
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ClientSampleId :
921-J-WS-080124

Tgt Ion:330 Resp: 100667
Ion Ratio Lower Upper
330 100
332 95.5 76.4 114.6
141 40.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 87.446 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

Tgt Ion:172 Resp: 556721
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 18.8 28.2

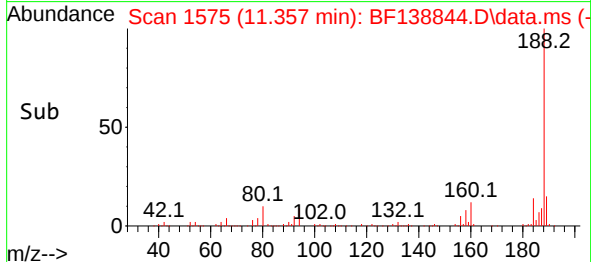
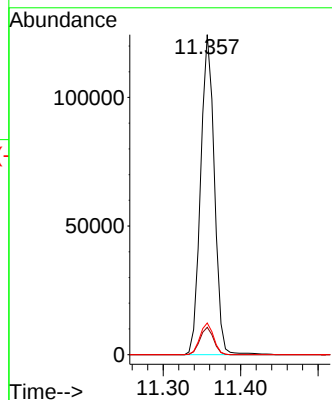
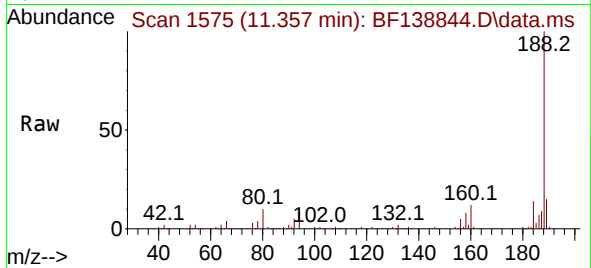




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

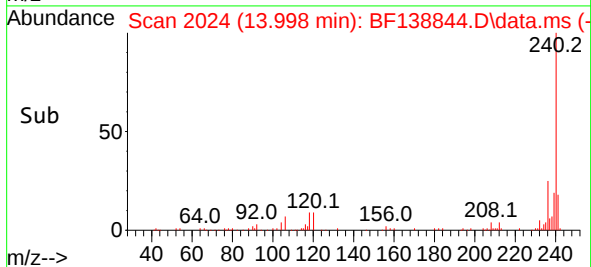
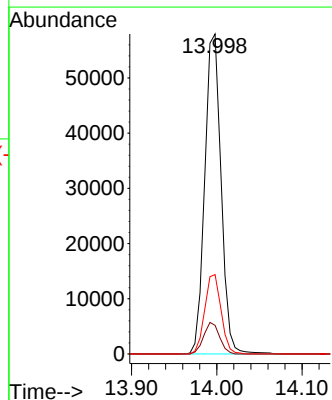
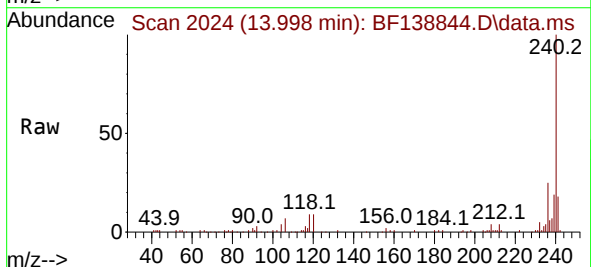
Instrument :
BNA_F
ClientSampleId :
921-J-WS-080124

Tgt Ion:188 Resp: 153464
Ion Ratio Lower Upper
188 100
94 8.6 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: BF138844.D
Acq: 07 Aug 2024 16:05

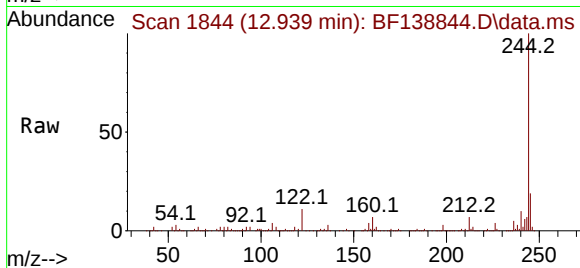
Tgt Ion:240 Resp: 77095
Ion Ratio Lower Upper
240 100
120 9.0 10.2 15.4#
236 24.8 19.8 29.8



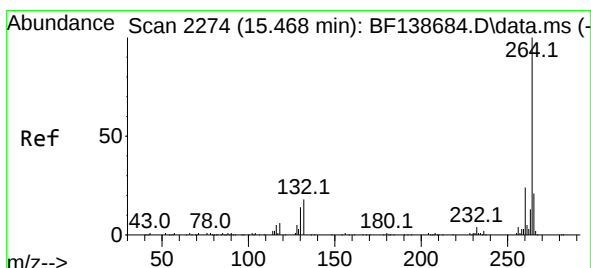
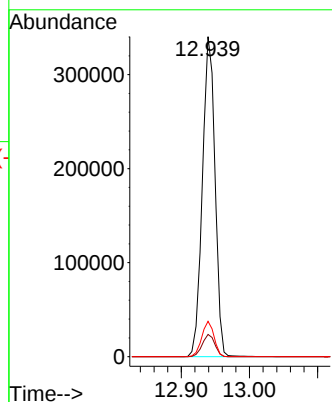
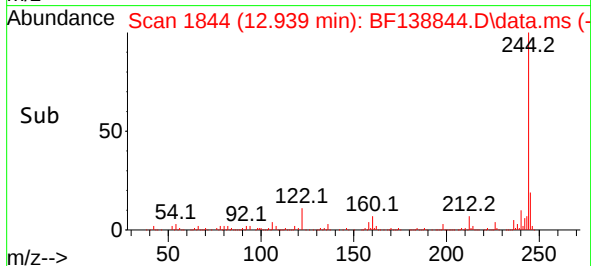


#79
 Terphenyl-d14
 Concen: 95.332 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138844.D
 Acq: 07 Aug 2024 16:05

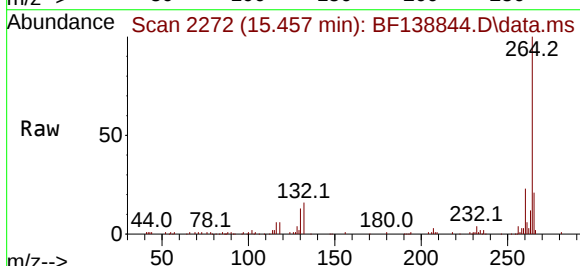
Instrument :
 BNA_F
 ClientSampleId :
 921-J-WS-080124



Tgt Ion:244 Resp: 438977
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 11.0 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: BF138844.D
 Acq: 07 Aug 2024 16:05



Tgt Ion:264 Resp: 83649
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.6
 265 20.7 17.0 25.6

