

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138849.D
 Acq On : 07 Aug 2024 18:36
 Operator : RC/JU
 Sample : P3429-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Aug 08 01:20:03 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	41178	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	167219	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	91023	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	146465	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	69873	20.000	ng	-0.01
86) Perylene-d12	15.457	264	75535	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	171951	64.460	ng	0.00
7) Phenol-d6	6.481	99	136623	38.147	ng	0.00
23) Nitrobenzene-d5	7.404	82	341042	99.714	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	120735	161.930	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	634292	104.701	ng	-0.01
79) Terphenyl-d14	12.939	244	463000	110.942	ng	0.00

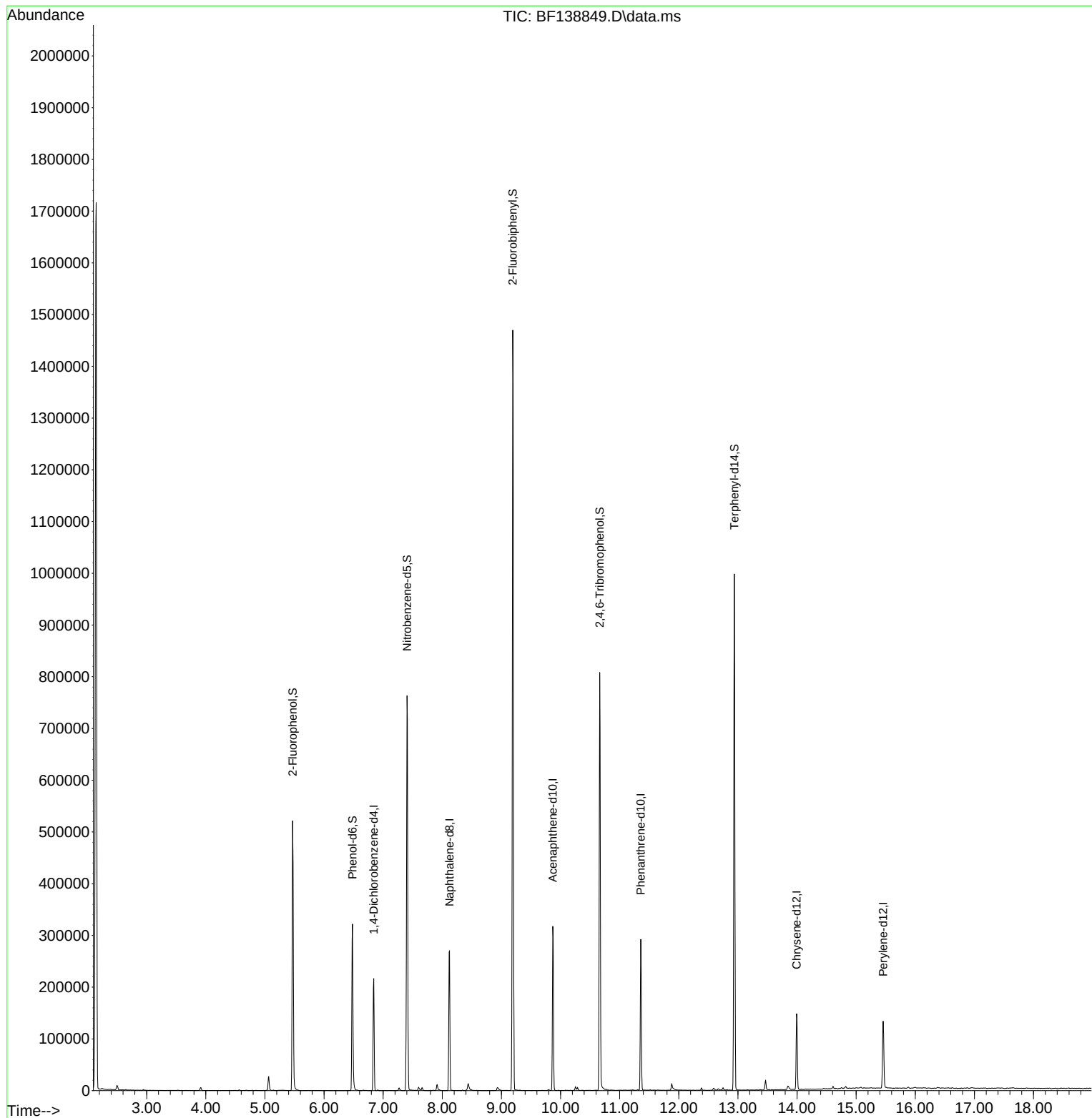
Target Compounds	Qvalue

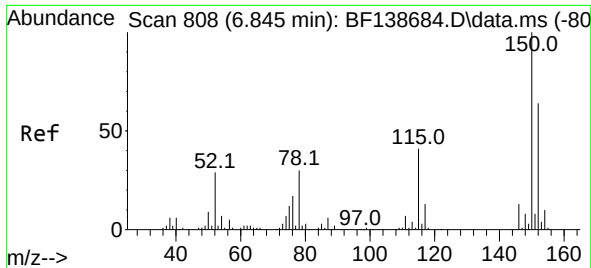
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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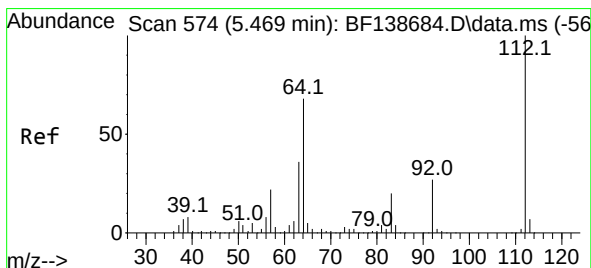
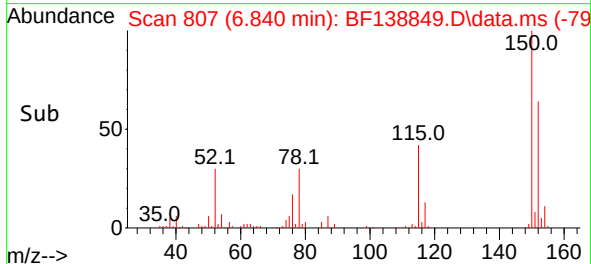
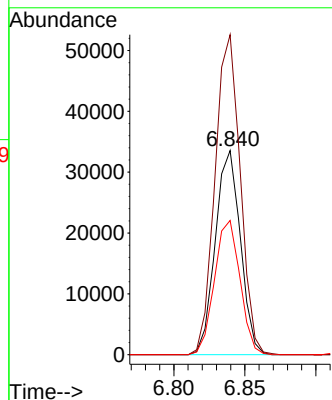
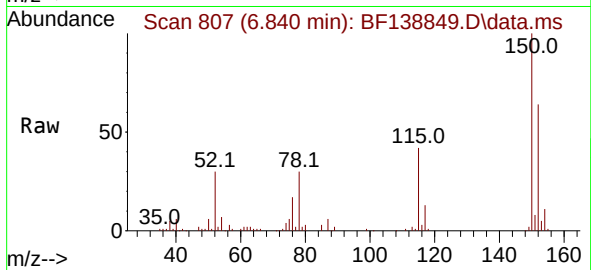




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

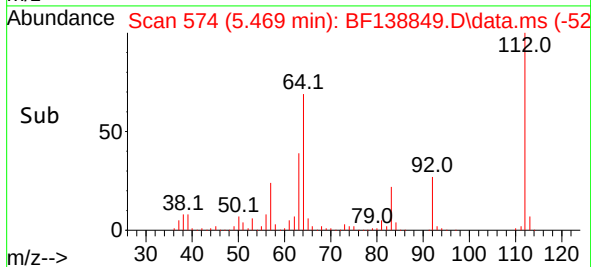
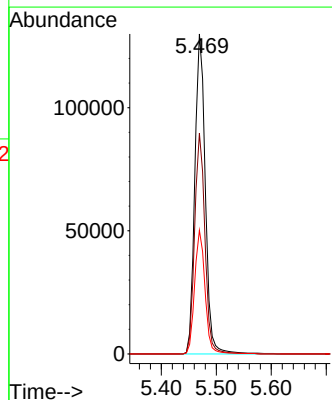
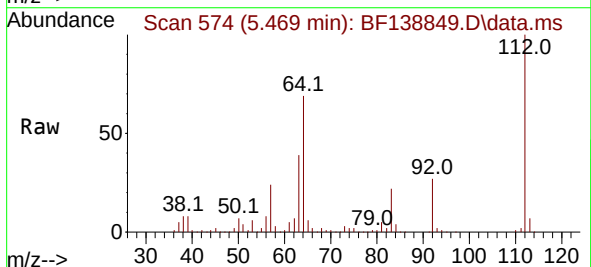
Instrument :
BNA_F
ClientSampleId :
925-K1-WS-073124

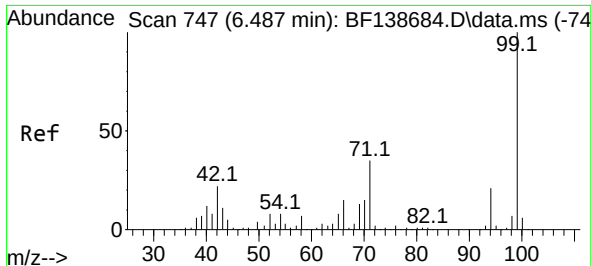
Tgt Ion:152 Resp: 41178
Ion Ratio Lower Upper
152 100
150 156.7 126.0 189.0
115 65.7 51.7 77.5



#5
2-Fluorophenol
Concen: 64.460 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

Tgt Ion:112 Resp: 171951
Ion Ratio Lower Upper
112 100
64 69.0 54.2 81.4
63 38.7 28.7 43.1

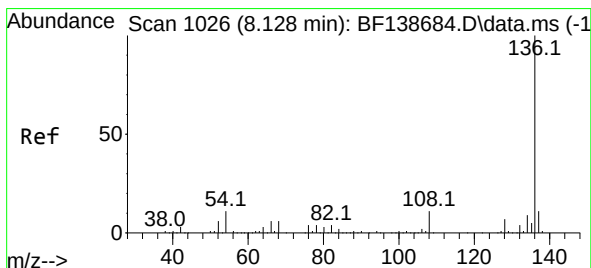
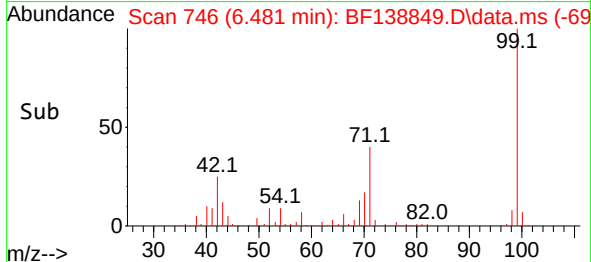
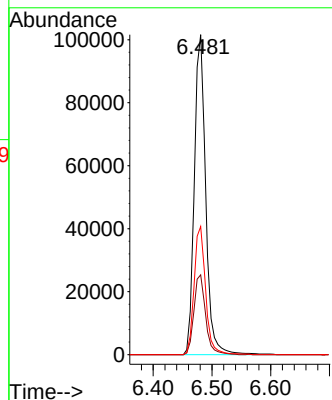
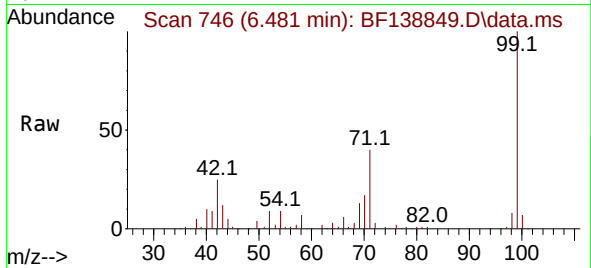




#7
Phenol-d6
Concen: 38.147 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

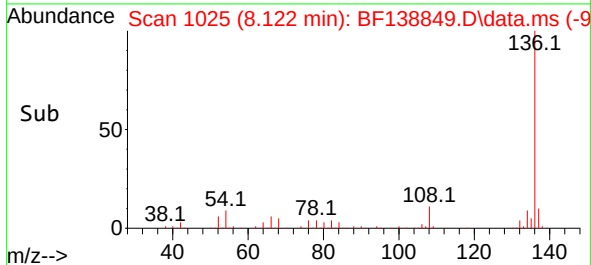
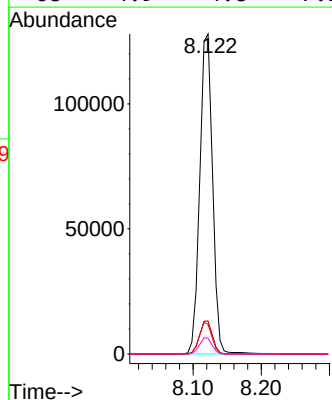
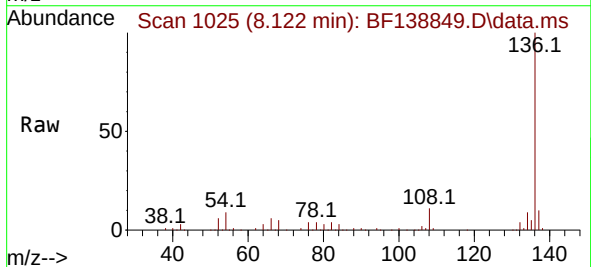
Instrument :
BNA_F
ClientSampleId :
925-K1-WS-073124

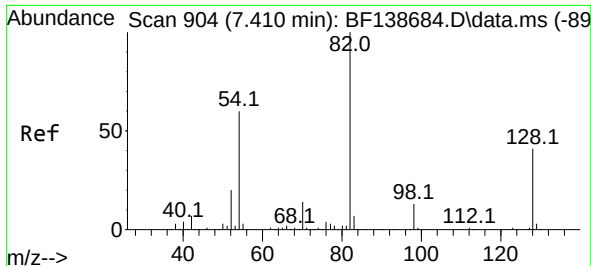
Tgt Ion: 99 Resp: 136623
Ion Ratio Lower Upper
99 100
42 25.0 17.4 26.0
71 40.0 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

Tgt Ion: 136 Resp: 167219
Ion Ratio Lower Upper
136 100
137 10.3 8.9 13.3
54 9.3 8.6 12.8
68 4.9 4.8 7.2

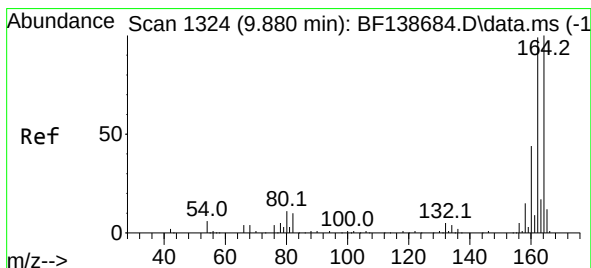
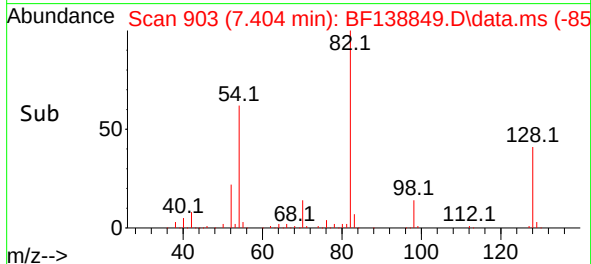
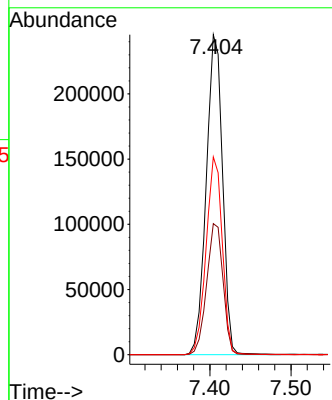
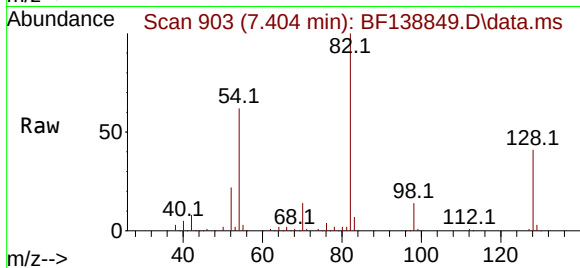




#23
Nitrobenzene-d5
Concen: 99.714 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

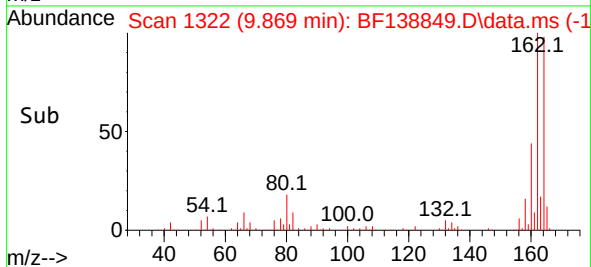
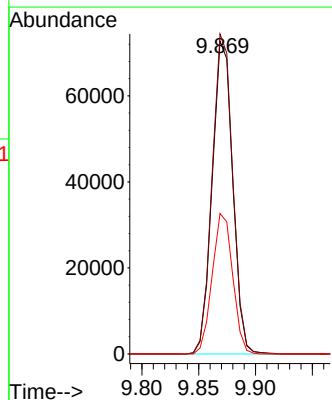
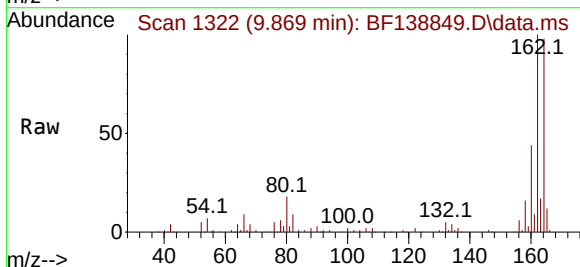
Instrument :
BNA_F
ClientSampleId :
925-K1-WS-073124

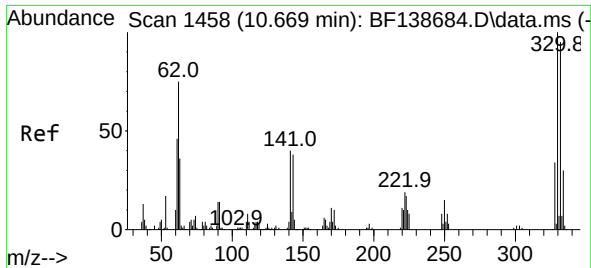
Tgt Ion: 82 Resp: 341042
Ion Ratio Lower Upper
82 100
128 41.0 32.8 49.2
54 61.8 48.3 72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

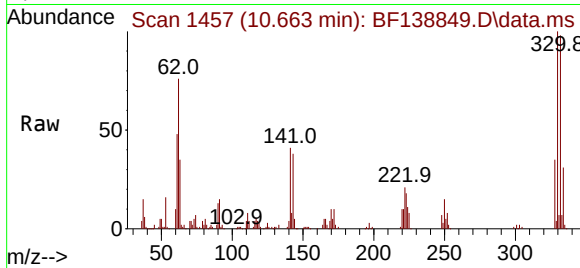
Tgt Ion:164 Resp: 91023
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.0
160 44.9 35.1 52.7



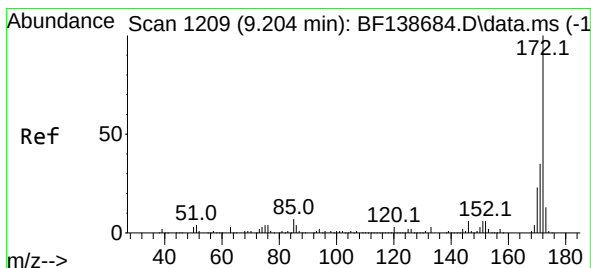
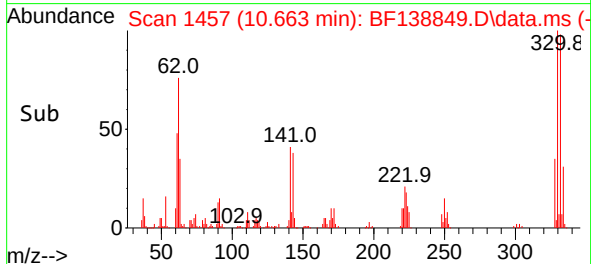
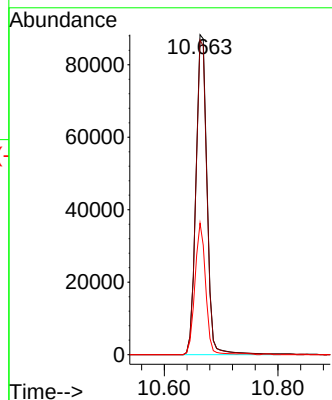


#42
2,4,6-Tribromophenol
Concen: 161.930 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

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

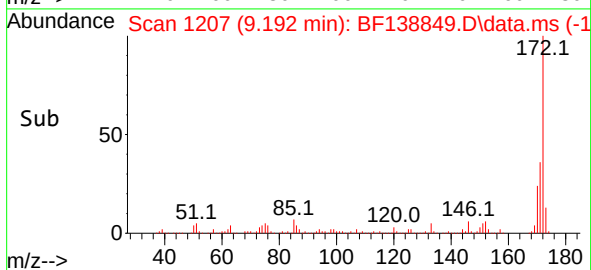
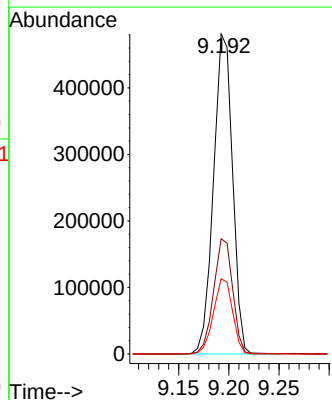
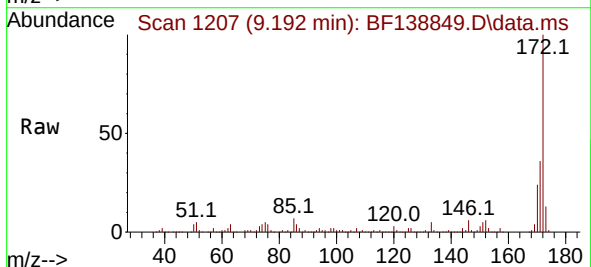


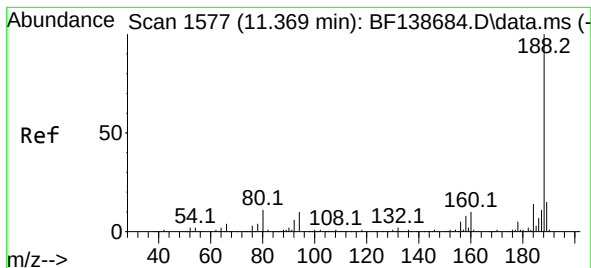
Tgt Ion:330 Resp: 120735
Ion Ratio Lower Upper
330 100
332 98.2 76.4 114.6
141 39.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 104.701 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138849.D
Acq: 07 Aug 2024 18:36

Tgt Ion:172 Resp: 634292
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.5 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: BF138849.D

Acq: 07 Aug 2024 18:36

Instrument :

BNA_F

ClientSampleId :

925-K1-WS-073124

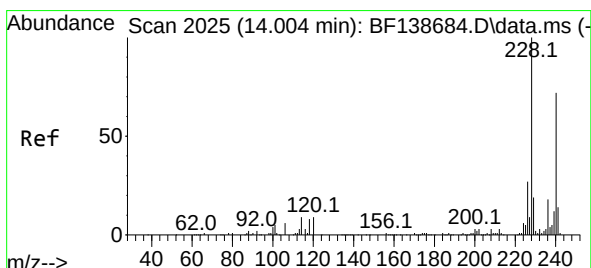
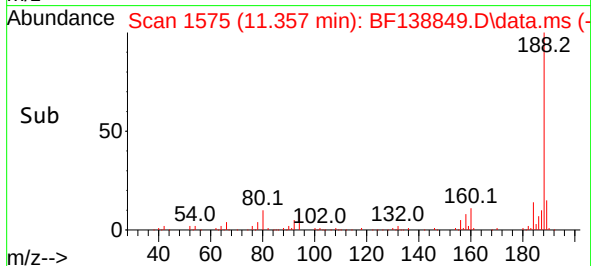
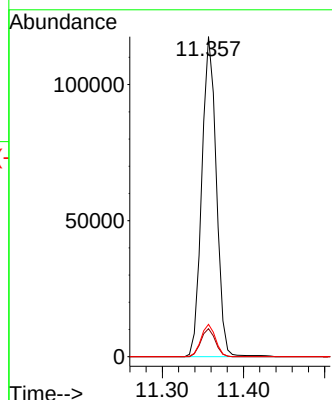
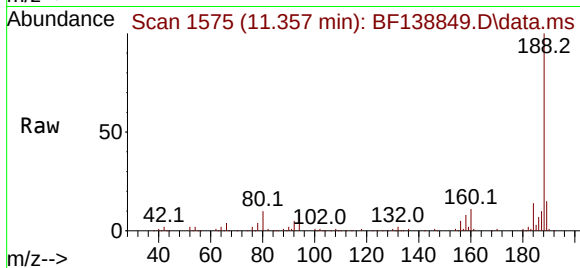
Tgt Ion:188 Resp: 146465

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 10.1 8.6 12.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF138849.D

Acq: 07 Aug 2024 18:36

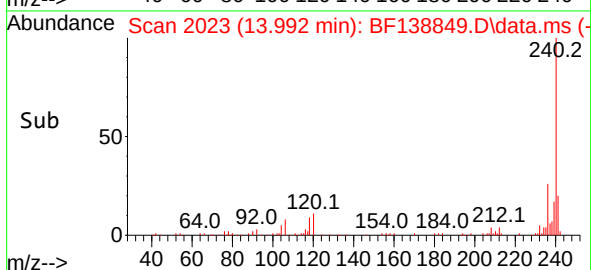
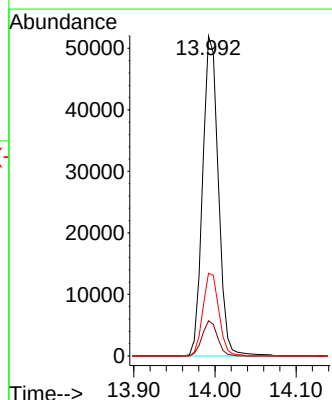
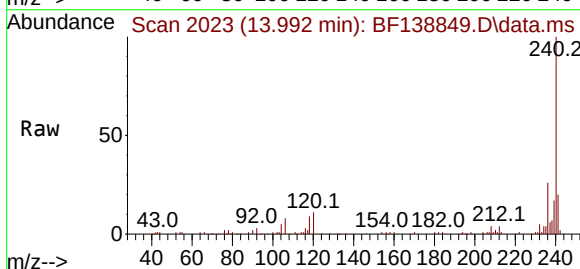
Tgt Ion:240 Resp: 69873

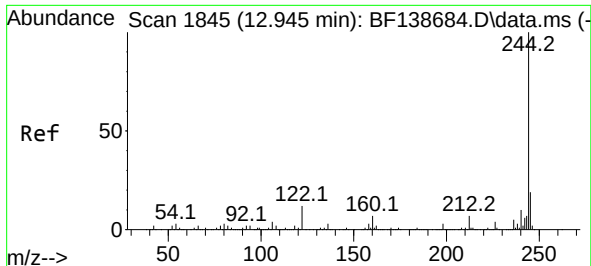
Ion Ratio Lower Upper

240 100

120 11.0 10.2 15.4

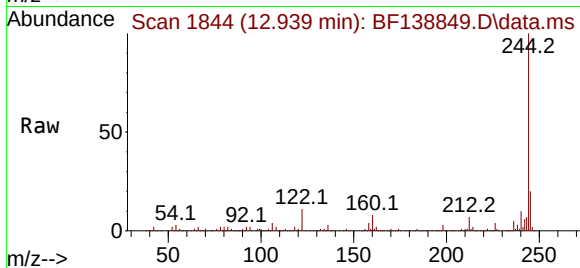
236 25.8 19.8 29.8



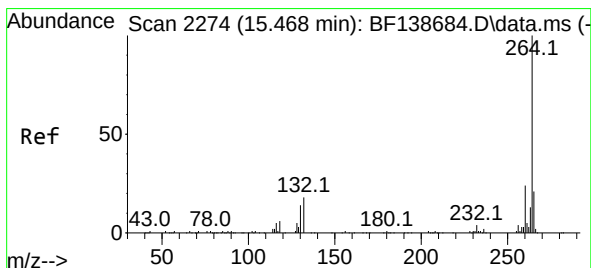
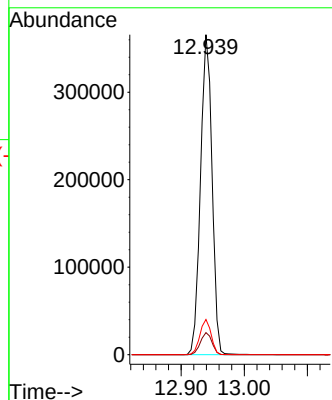
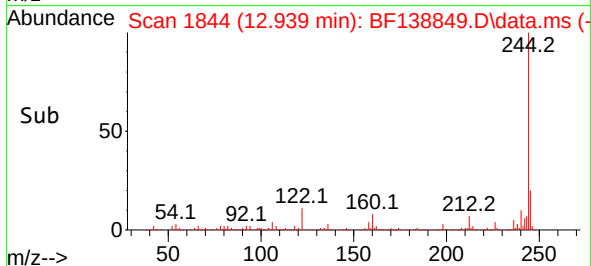


#79
 Terphenyl-d14
 Concen: 110.942 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138849.D
 Acq: 07 Aug 2024 18:36

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



Tgt Ion:244 Resp: 463000
 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: BF138849.D
 Acq: 07 Aug 2024 18:36

Tgt Ion:264 Resp: 75535
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.6
 265 21.6 17.0 25.6

