

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138846.D
 Acq On : 07 Aug 2024 17:05
 Operator : RC/JU
 Sample : P3426-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Aug 07 17:31:38 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	84689	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	334542	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	183422	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	293908	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	143828	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	158634	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	195954	35.717	ng	0.00
7) Phenol-d6	6.481	99	186413	25.308	ng	0.00
23) Nitrobenzene-d5	7.404	82	269906	39.445	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	91540	60.926	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	500362	40.987	ng	-0.01
79) Terphenyl-d14	12.939	244	422608	49.195	ng	0.00

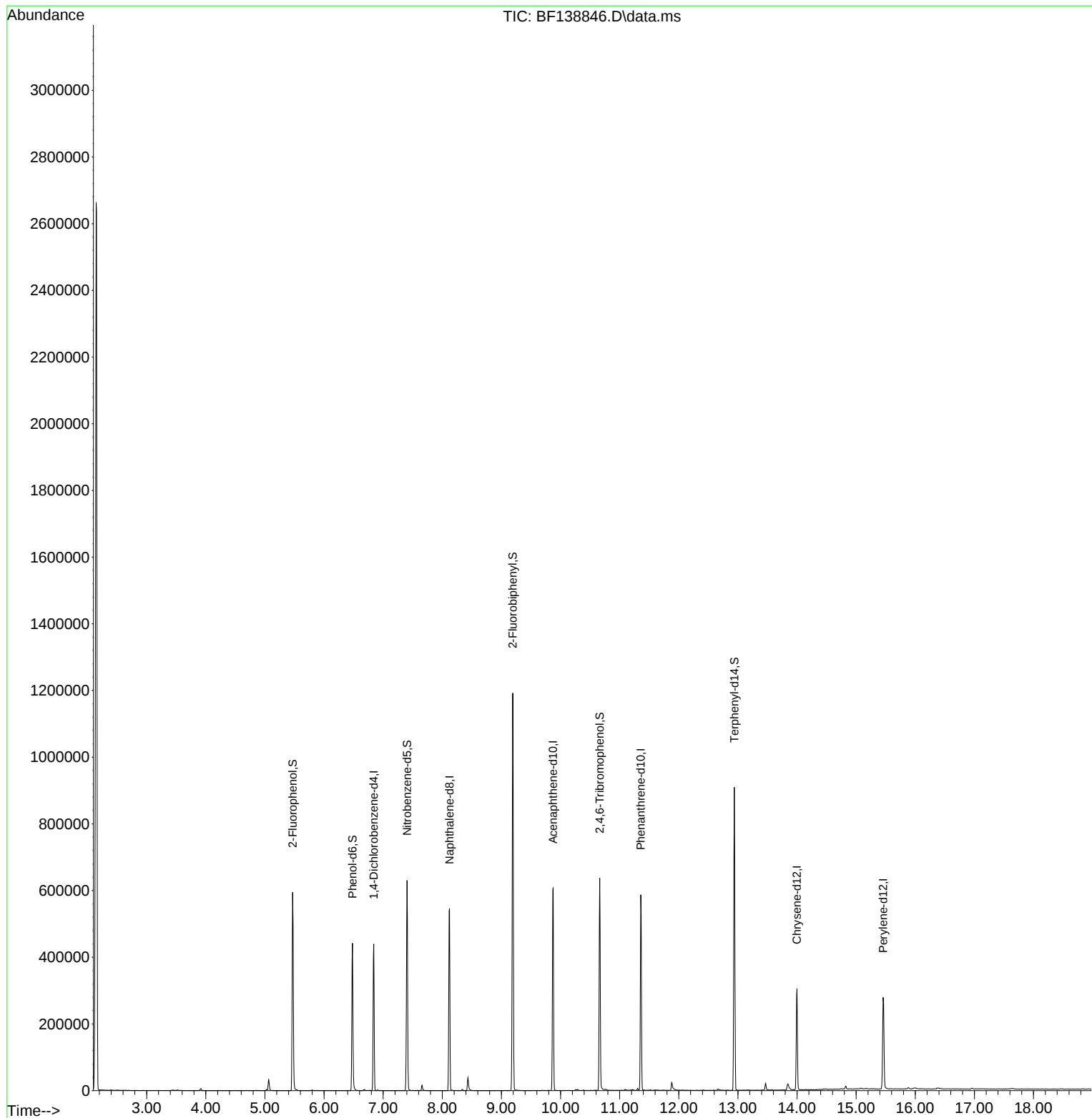
Target Compounds Qvalue

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

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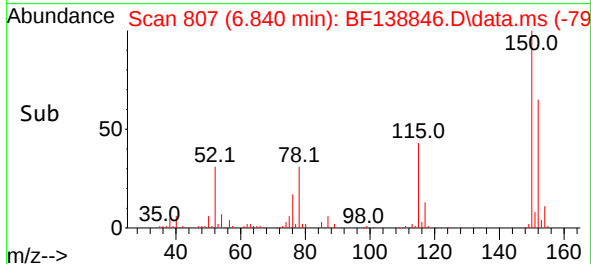
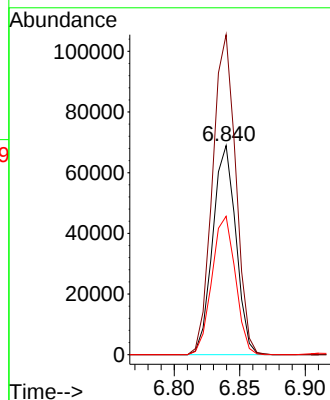
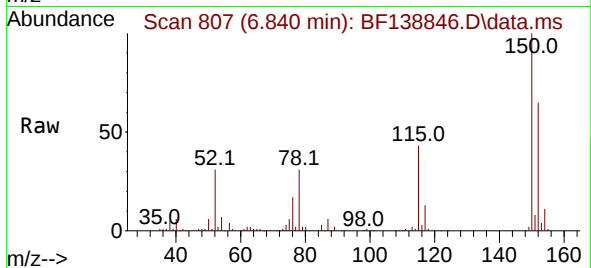




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138846.D
Acq: 07 Aug 2024 17:05

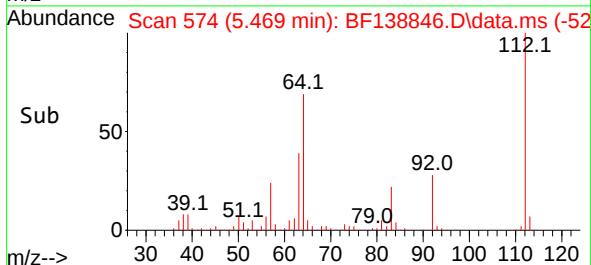
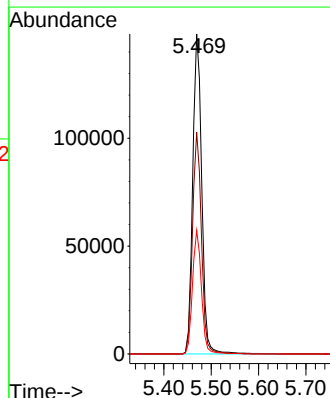
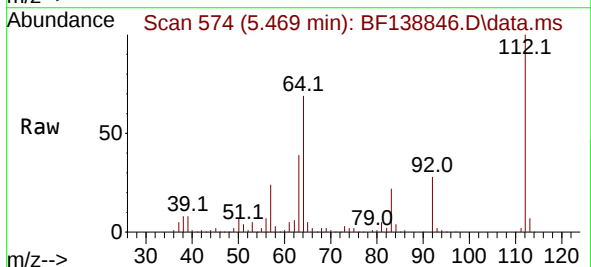
Instrument :
BNA_F
ClientSampleId :
927-K1-WS-073124-FD

Tgt Ion:152 Resp: 84689
Ion Ratio Lower Upper
152 100
150 153.0 126.0 189.0
115 66.2 51.7 77.5



#5
2-Fluorophenol
Concen: 35.717 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138846.D
Acq: 07 Aug 2024 17:05

Tgt Ion:112 Resp: 195954
Ion Ratio Lower Upper
112 100
64 69.3 54.2 81.4
63 38.6 28.7 43.1

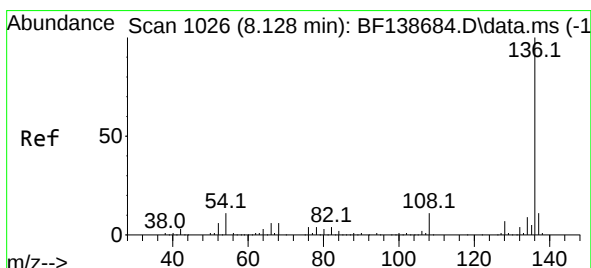
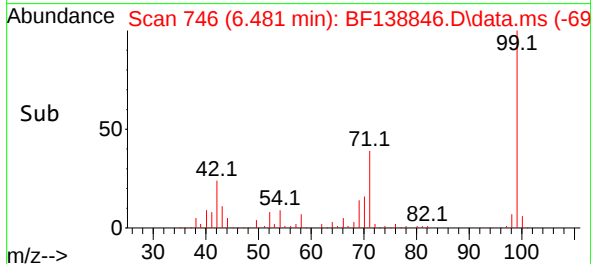
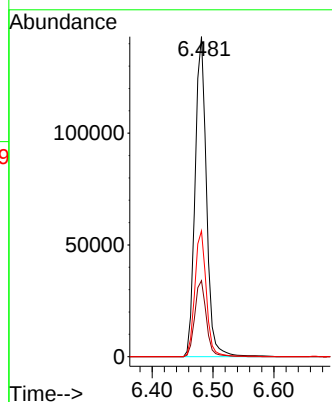
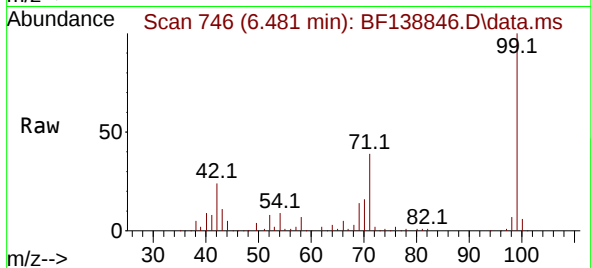




#7
Phenol-d6
Concen: 25.308 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138846.D
Acq: 07 Aug 2024 17:05

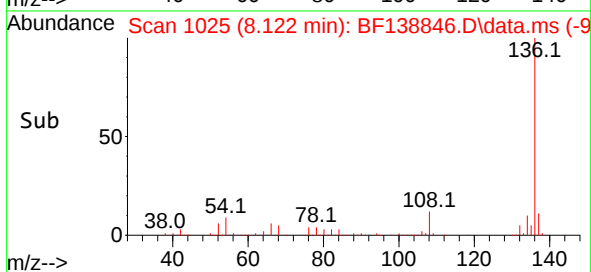
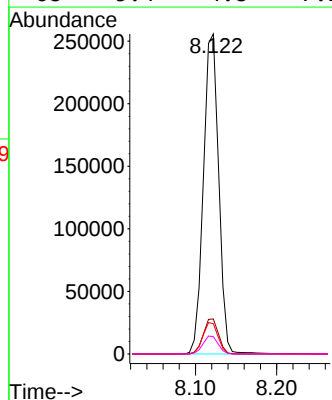
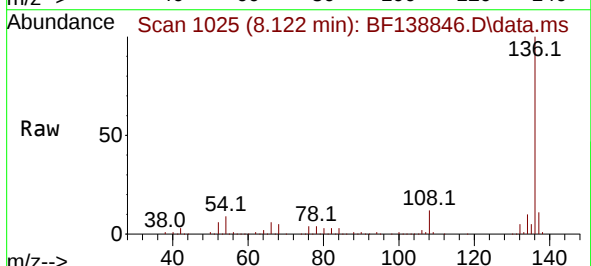
Instrument :
BNA_F
ClientSampleId :
927-K1-WS-073124-FD

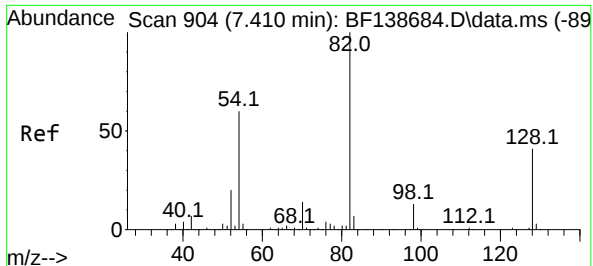
Tgt Ion: 99 Resp: 186413
Ion Ratio Lower Upper
99 100
42 23.8 17.4 26.0
71 39.3 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138846.D
Acq: 07 Aug 2024 17:05

Tgt Ion: 136 Resp: 334542
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.4 8.6 12.8
68 5.4 4.8 7.2

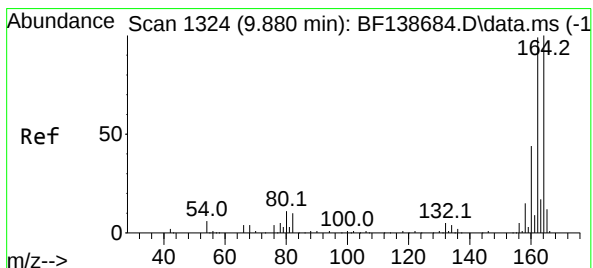
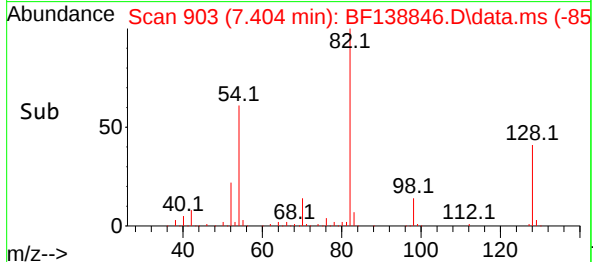
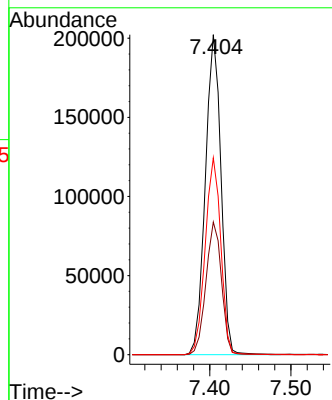
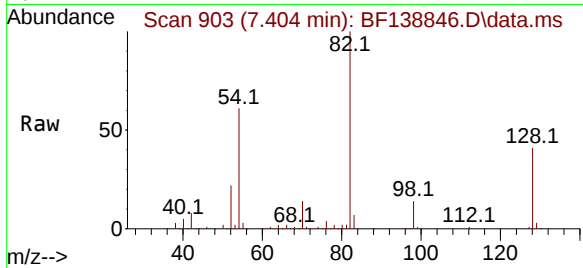




#23
Nitrobenzene-d5
Concen: 39.445 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BF138846.D
Acq: 07 Aug 2024 17:05

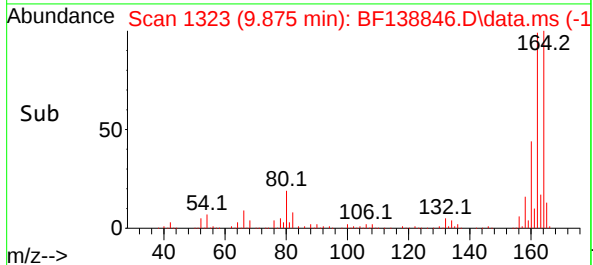
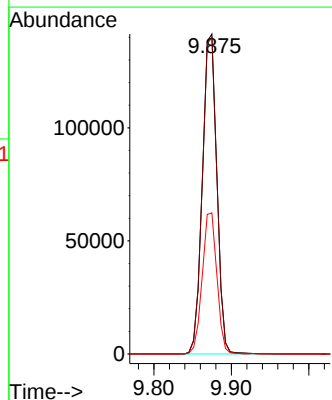
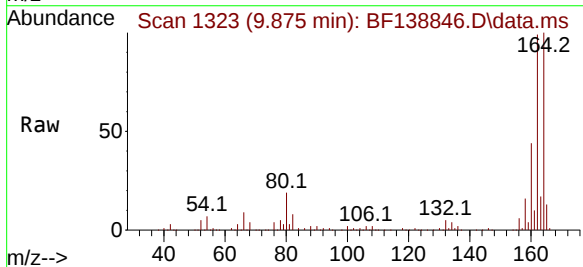
Instrument :
BNA_F
ClientSampleId :
927-K1-WS-073124-FD

Tgt Ion: 82 Resp: 269906
Ion Ratio Lower Upper
82 100
128 41.4 32.8 49.2
54 61.5 48.3 72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138846.D
Acq: 07 Aug 2024 17:05

Tgt Ion:164 Resp: 183422
Ion Ratio Lower Upper
164 100
162 98.9 79.4 119.0
160 44.1 35.1 52.7

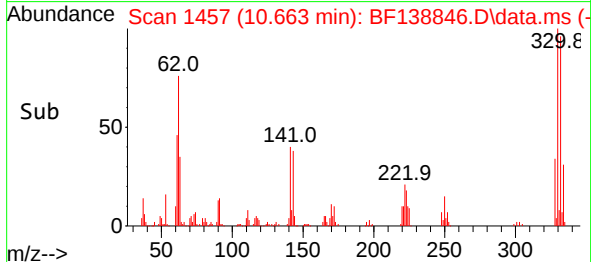
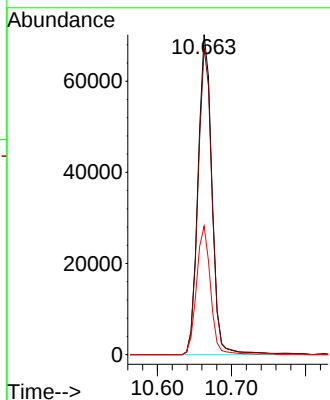
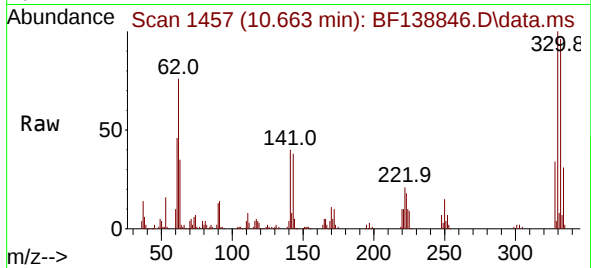




#42
2,4,6-Tribromophenol
Concen: 60.926 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF138846.D
Acq: 07 Aug 2024 17:05

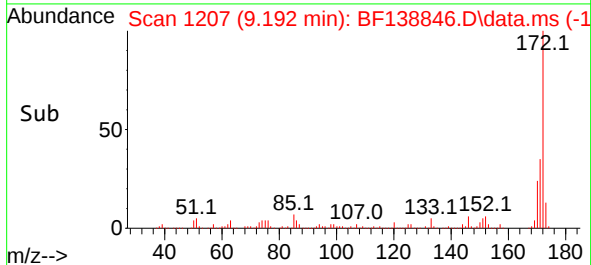
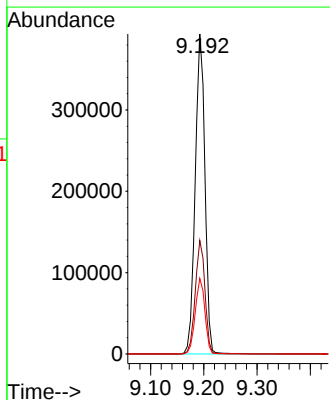
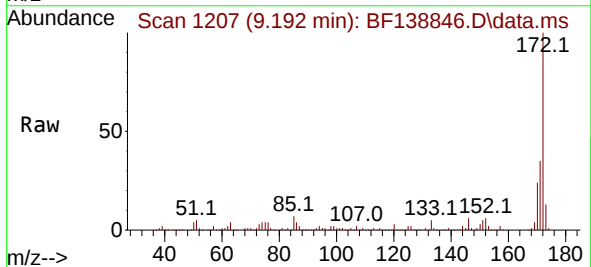
Instrument :
BNA_F
ClientSampleId :
927-K1-WS-073124-FD

Tgt Ion: 330 Resp: 91540
Ion Ratio Lower Upper
330 100
332 96.4 76.4 114.6
141 40.4 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 40.987 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138846.D
Acq: 07 Aug 2024 17:05

Tgt Ion: 172 Resp: 500362
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.6 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: BF138846.D

Acq: 07 Aug 2024 17:05

Instrument :

BNA_F

ClientSampleId :

927-K1-WS-073124-FD

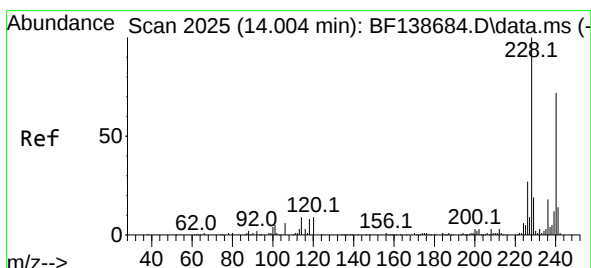
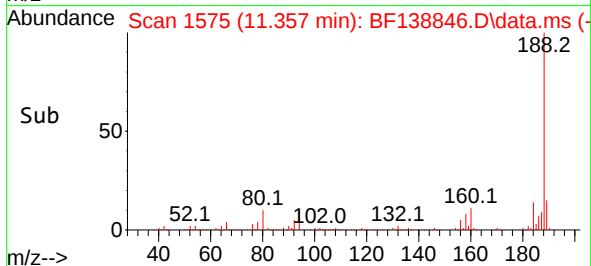
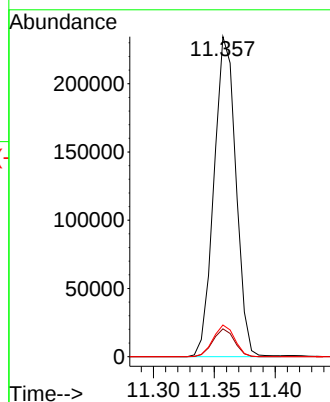
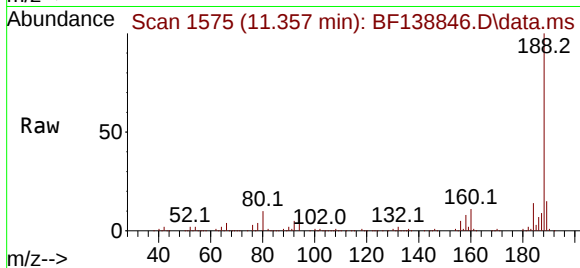
Tgt Ion:188 Resp: 293908

Ion Ratio Lower Upper

188 100

94 8.7 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: BF138846.D

Acq: 07 Aug 2024 17:05

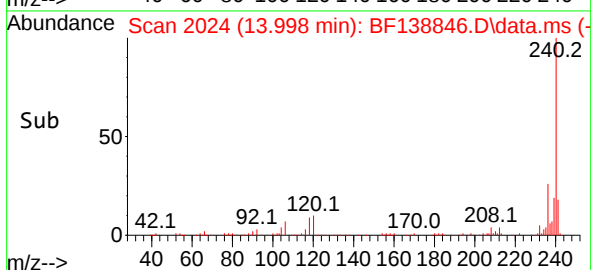
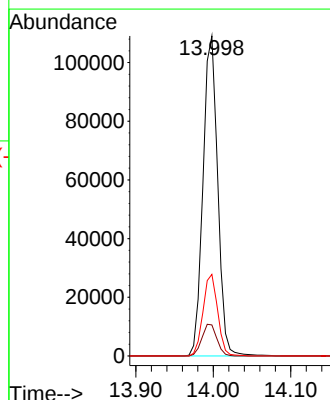
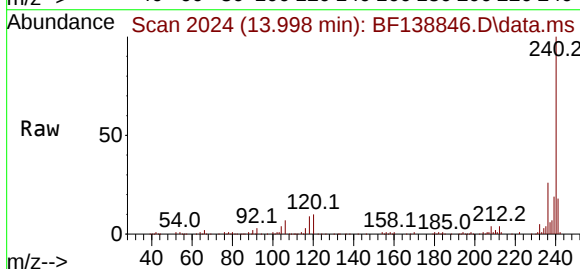
Tgt Ion:240 Resp: 143828

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

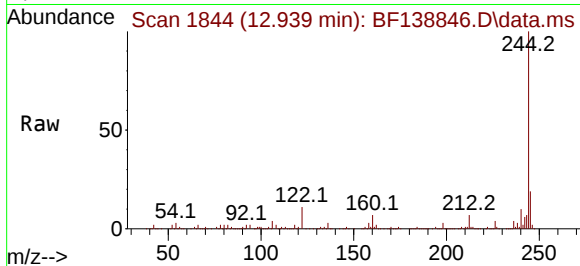
236 25.5 19.8 29.8



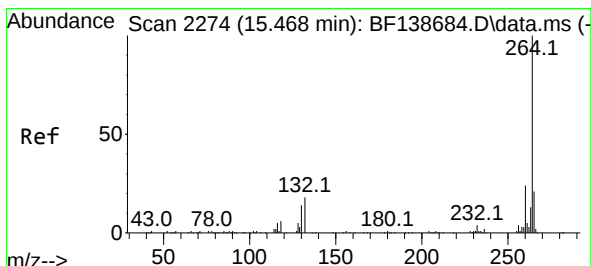
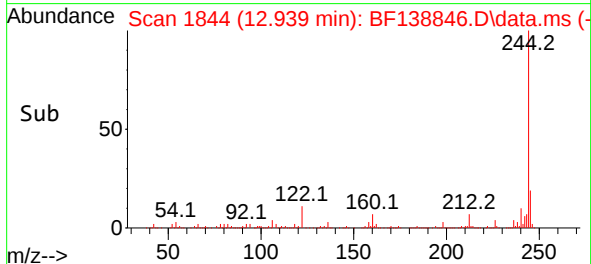
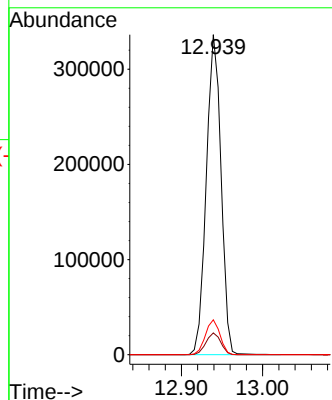


#79
 Terphenyl-d14
 Concen: 49.195 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138846.D
 Acq: 07 Aug 2024 17:05

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



Tgt Ion:244 Resp: 422608
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.9 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: BF138846.D
 Acq: 07 Aug 2024 17:05

Tgt Ion:264 Resp: 158634
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 20.8 17.0 25.6

