

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138633.D
 Acq On : 24 Jul 2024 11:32
 Operator : RC/JU
 Sample : PB162159BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162159BL

Quant Time: Jul 24 12:53:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	74314	20.000	ng	-0.02
21) Naphthalene-d8	8.133	136	310692	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	171174	20.000	ng	-0.02
64) Phenanthrene-d10	11.374	188	312893	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	204145	20.000	ng	-0.02
86) Perylene-d12	15.474	264	161356	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	686010	146.200	ng	0.00
7) Phenol-d6	6.492	99	916934	146.895	ng	-0.01
23) Nitrobenzene-d5	7.416	82	606566	95.854	ng	-0.02
42) 2,4,6-Tribromophenol	10.680	330	236409	147.775	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	1048620	95.744	ng	-0.02
79) Terphenyl-d14	12.957	244	1214402	96.912	ng	-0.02

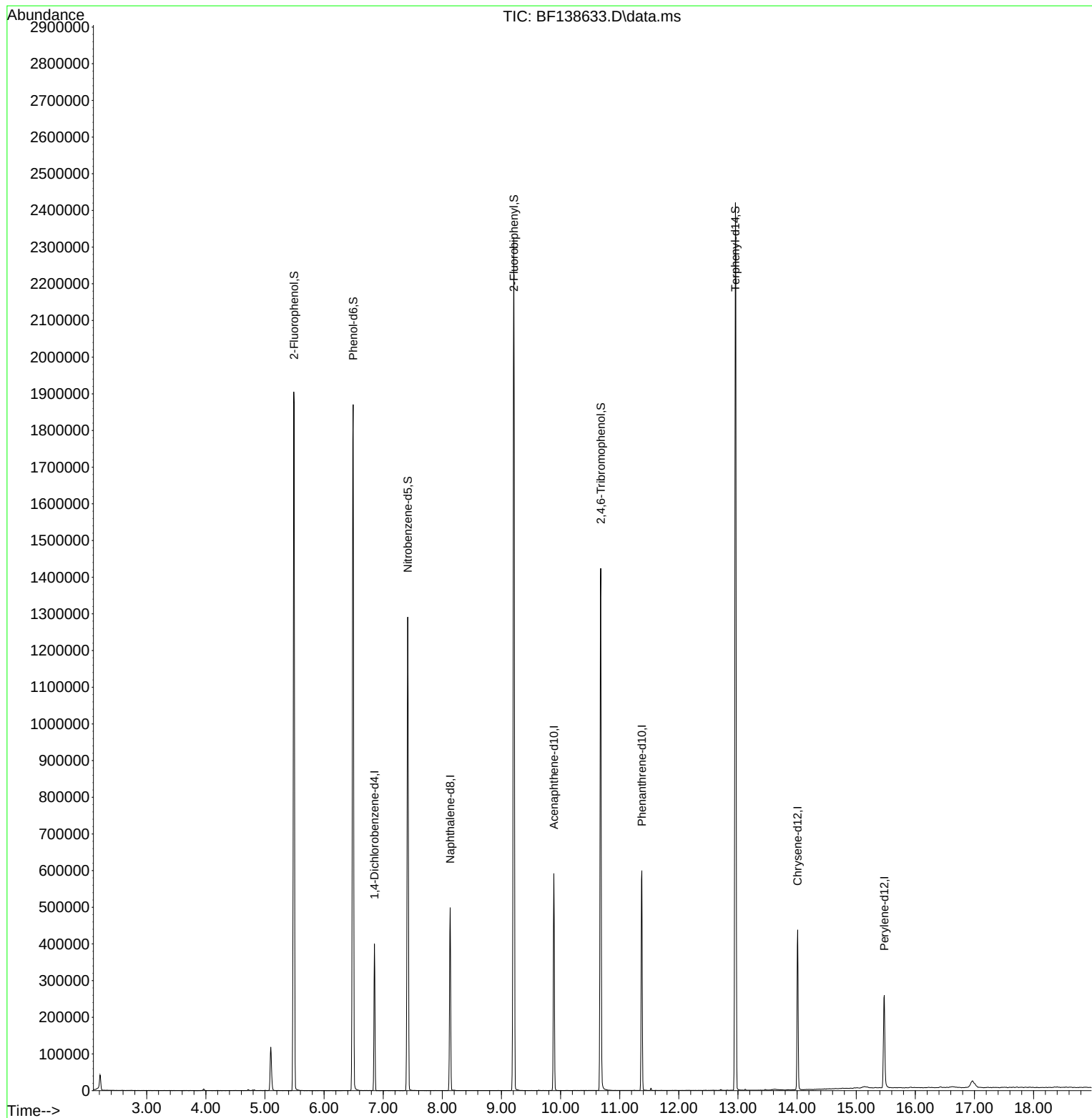
Target Compounds	Qvalue

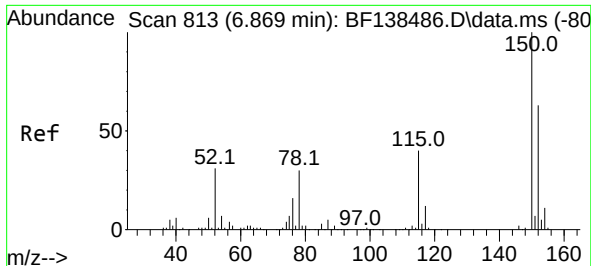
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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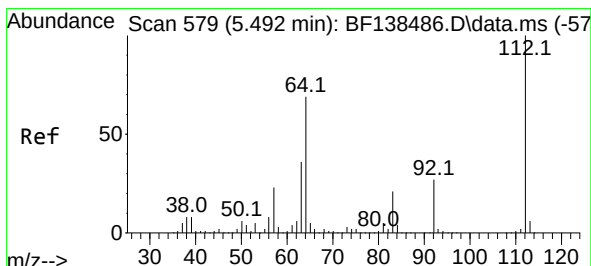
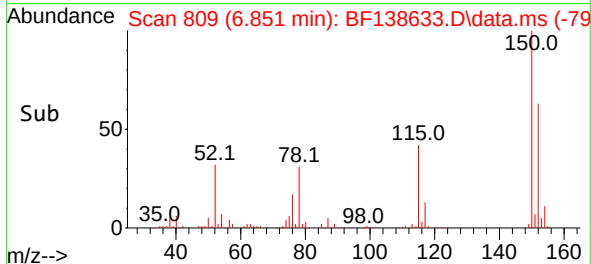
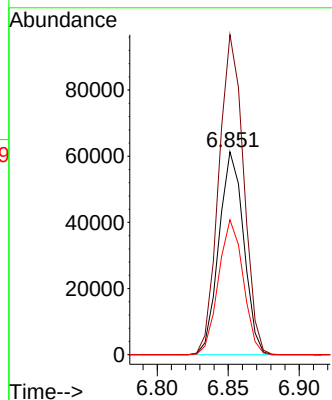
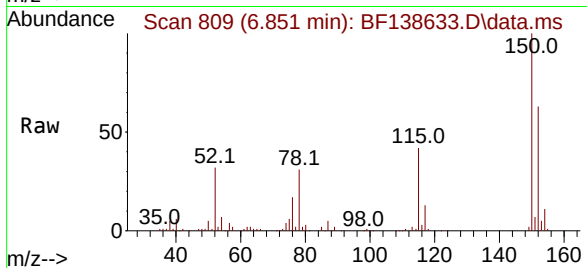




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138633.D
Acq: 24 Jul 2024 11:32

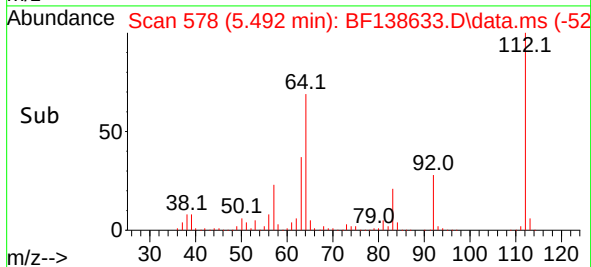
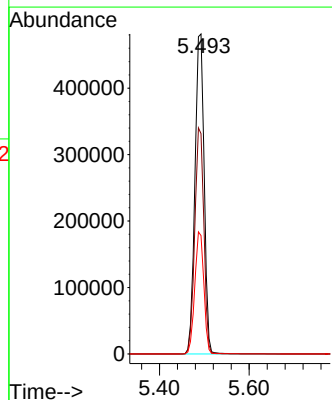
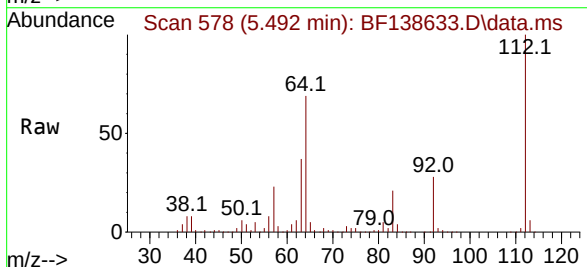
Instrument :
BNA_F
ClientSampleId :
PB162159BL

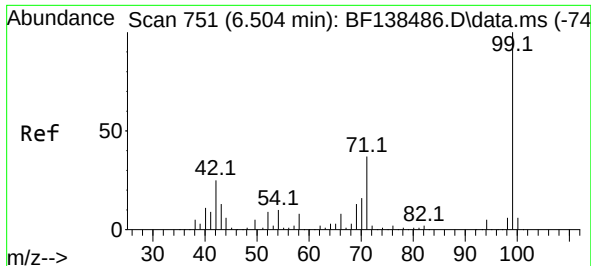
Tgt Ion:152 Resp: 74314
Ion Ratio Lower Upper
152 100
150 157.7 126.2 189.4
115 66.5 50.3 75.5



#5
2-Fluorophenol
Concen: 146.200 ng
RT: 5.492 min Scan# 578
Delta R.T. 0.000 min
Lab File: BF138633.D
Acq: 24 Jul 2024 11:32

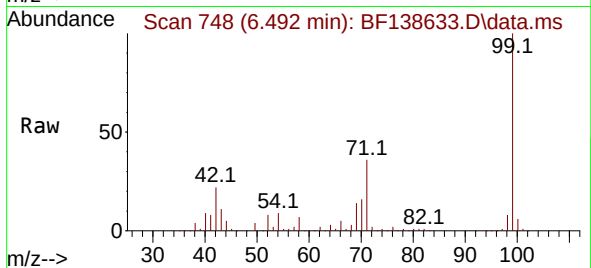
Tgt Ion:112 Resp: 686010
Ion Ratio Lower Upper
112 100
64 68.9 55.1 82.7
63 37.0 29.0 43.6



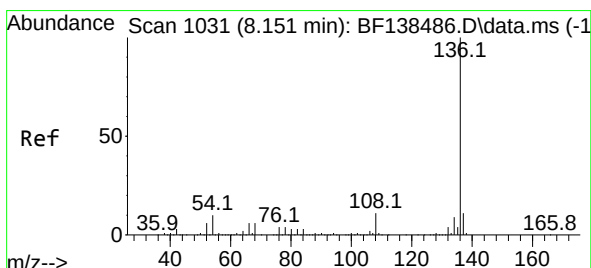
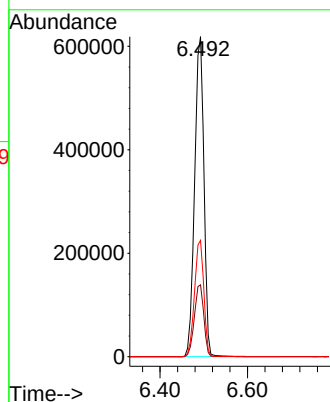
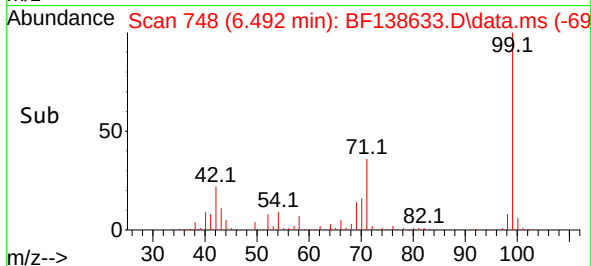


#7
Phenol-d6
Concen: 146.895 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138633.D
Acq: 24 Jul 2024 11:32

Instrument :
BNA_F
ClientSampleId :
PB162159BL

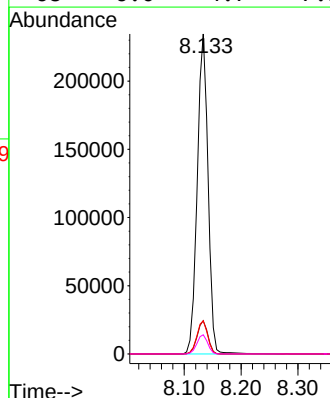
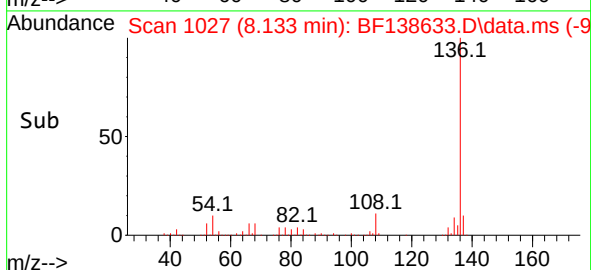
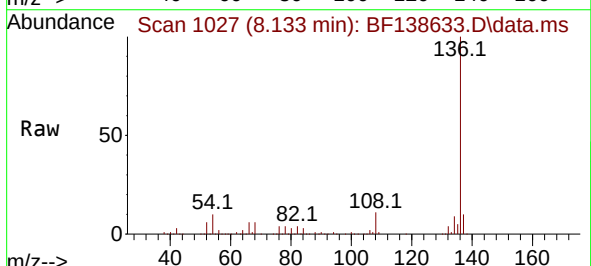


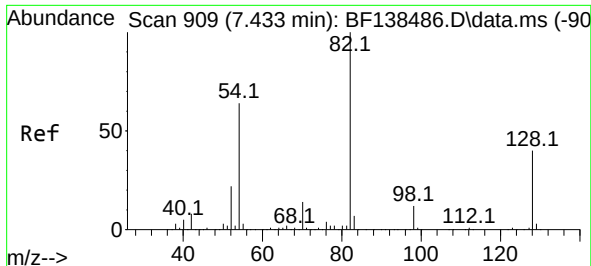
Tgt Ion: 99 Resp: 916934
Ion Ratio Lower Upper
99 100
42 22.5 19.7 29.5
71 36.3 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1027
Delta R.T. -0.018 min
Lab File: BF138633.D
Acq: 24 Jul 2024 11:32

Tgt Ion: 136 Resp: 310692
Ion Ratio Lower Upper
136 100
137 10.4 8.5 12.7
54 10.3 8.1 12.1
68 6.0 4.7 7.1

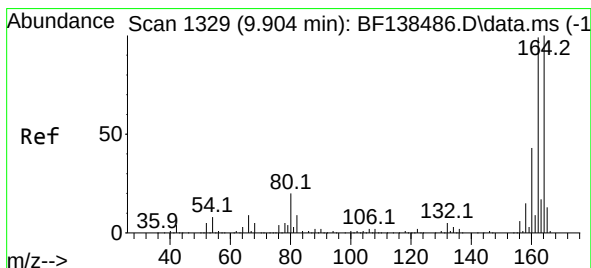
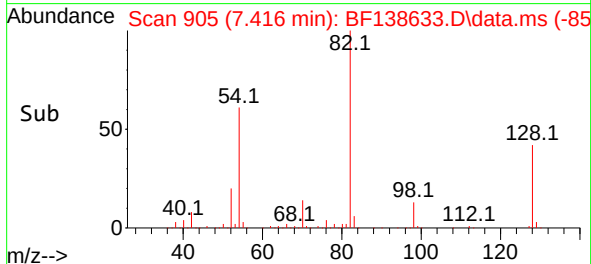
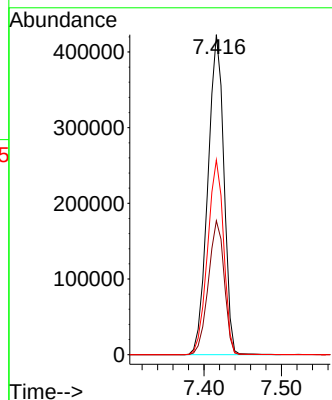
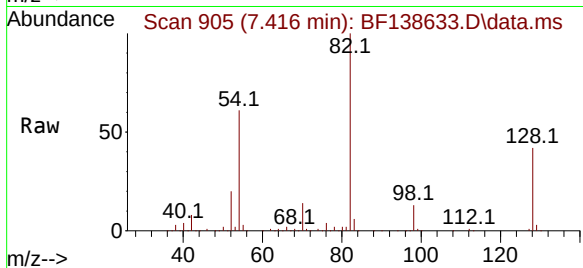




#23
Nitrobenzene-d5
Concen: 95.854 ng
RT: 7.416 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF138633.D
Acq: 24 Jul 2024 11:32

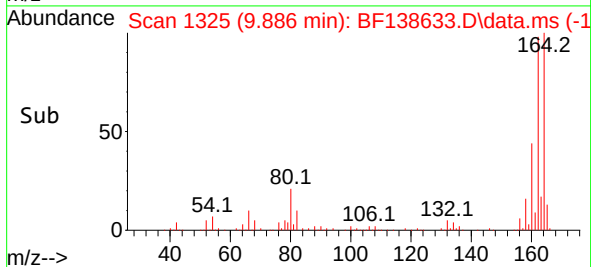
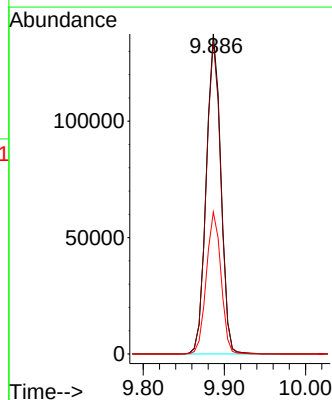
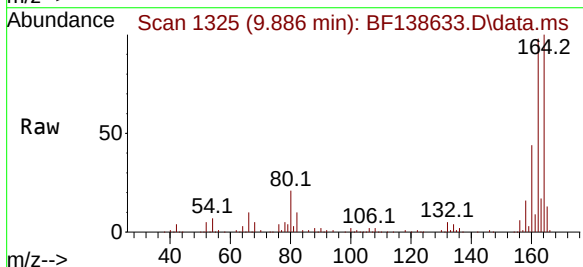
Instrument :
BNA_F
ClientSampleId :
PB162159BL

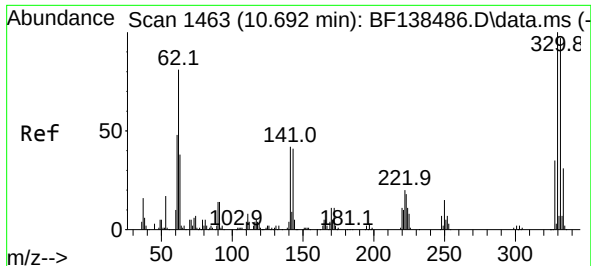
Tgt Ion: 82 Resp: 606566
Ion Ratio Lower Upper
82 100
128 41.8 32.3 48.5
54 60.8 51.4 77.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138633.D
Acq: 24 Jul 2024 11:32

Tgt Ion:164 Resp: 171174
Ion Ratio Lower Upper
164 100
162 97.8 79.0 118.6
160 44.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 147.775 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF138633.D

Acq: 24 Jul 2024 11:32

Instrument :

BNA_F

ClientSampleId :

PB162159BL

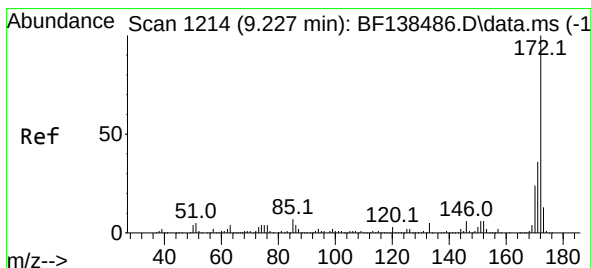
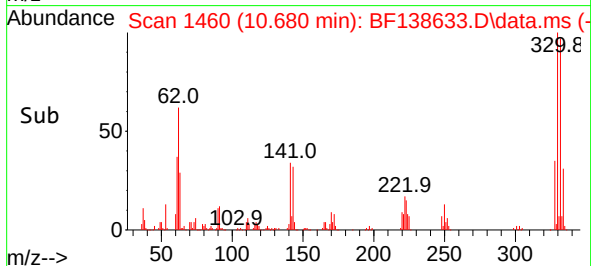
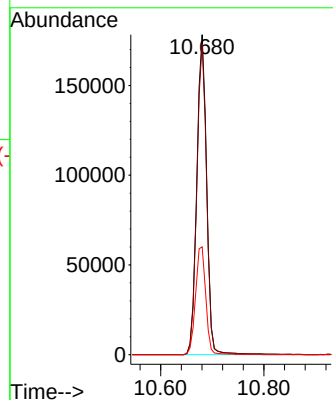
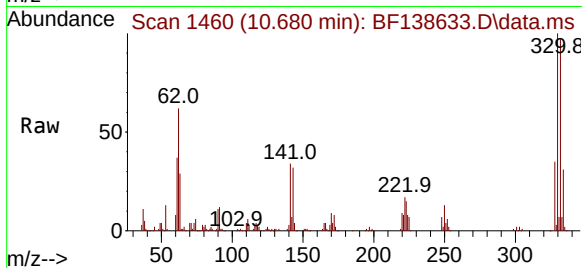
Tgt Ion:330 Resp: 236409

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 35.1 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 95.744 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.018 min

Lab File: BF138633.D

Acq: 24 Jul 2024 11:32

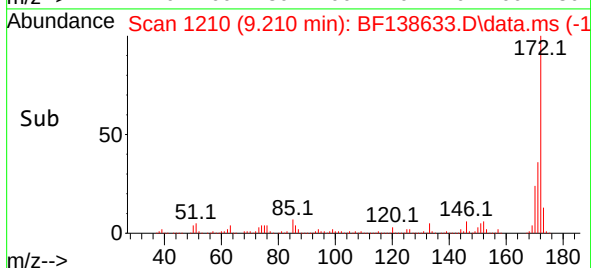
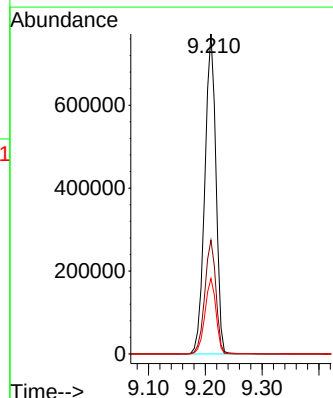
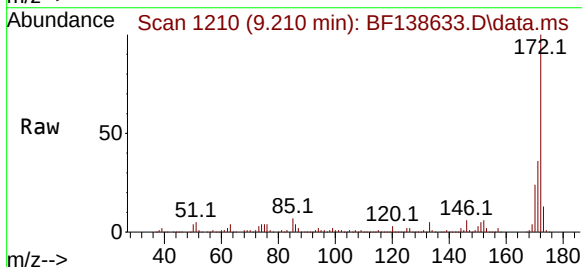
Tgt Ion:172 Resp: 1048620

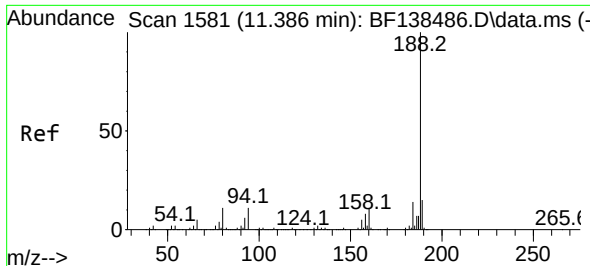
Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 23.6 18.9 28.3

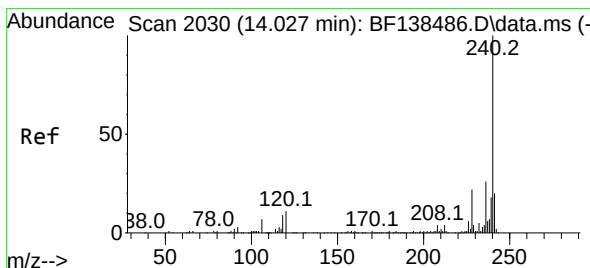
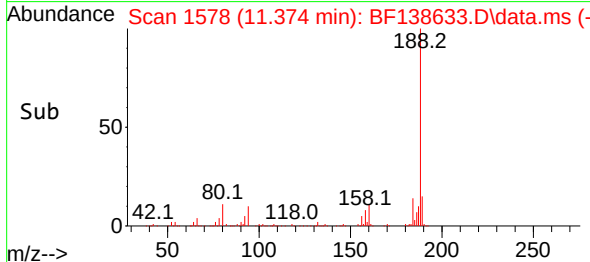
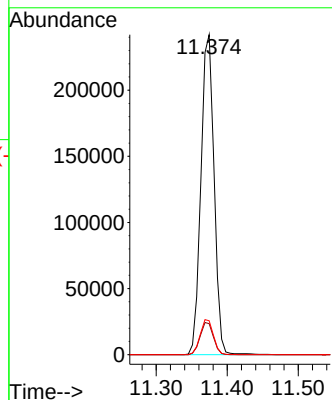
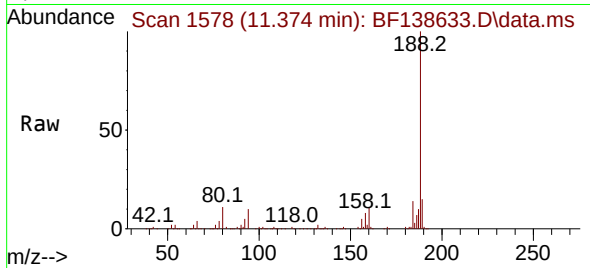




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138633.D
Acq: 24 Jul 2024 11:32

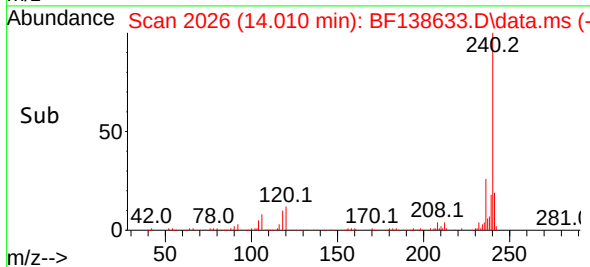
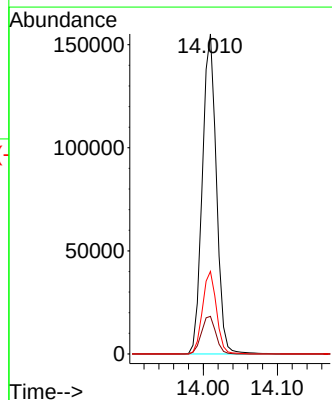
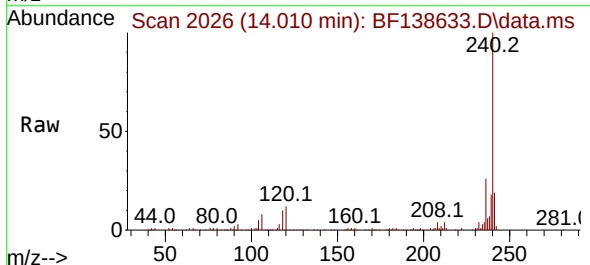
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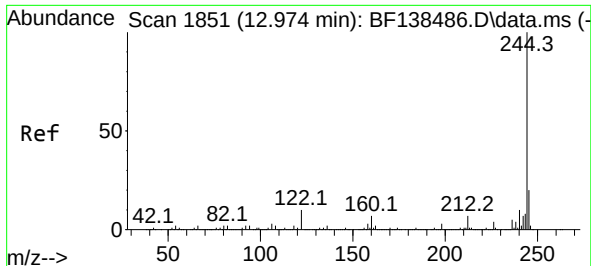
Tgt Ion:188 Resp: 312893
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 10.6 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.018 min
Lab File: BF138633.D
Acq: 24 Jul 2024 11:32

Tgt Ion:240 Resp: 204145
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.8 21.0 31.6

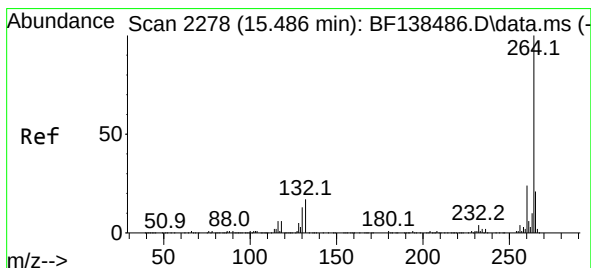
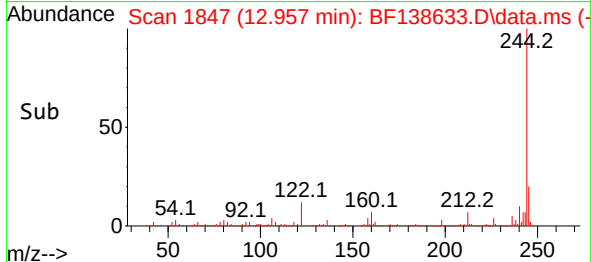
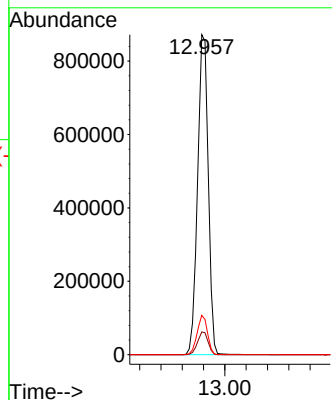
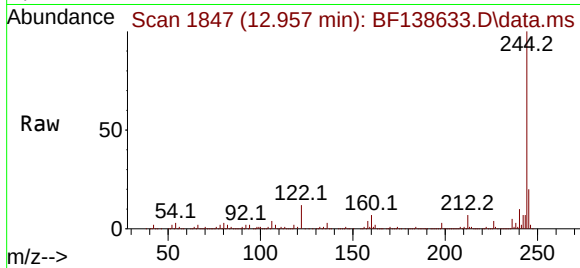




#79
 Terphenyl-d14
 Concen: 96.912 ng
 RT: 12.957 min Scan# 1847
 Delta R.T. -0.018 min
 Lab File: BF138633.D
 Acq: 24 Jul 2024 11:32

Instrument :
 BNA_F
 ClientSampleId :
 PB162159BL

Tgt Ion:244 Resp: 1214402
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.5 8.3
 122 12.3 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. -0.012 min
 Lab File: BF138633.D
 Acq: 24 Jul 2024 11:32

Tgt Ion:264 Resp: 161356
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 20.7 17.0 25.4

