

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140839.D
 Acq On : 13 Dec 2024 12:47
 Operator : RC/JU
 Sample : PB165543BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL

Quant Time: Dec 13 16:13:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	58908	20.000	ng	-0.02
21) Naphthalene-d8	8.140	136	223963	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	123167	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	228244	20.000	ng	-0.02
76) Chrysene-d12	14.051	240	119941	20.000	ng	0.00
86) Perylene-d12	15.574	264	134513	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	502996	145.688	ng	0.00
7) Phenol-d6	6.504	99	637146	139.591	ng	-0.01
23) Nitrobenzene-d5	7.422	82	419394	95.784	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	190010	144.244	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	851147	102.963	ng	-0.02
79) Terphenyl-d14	12.975	244	830208	107.782	ng	-0.02

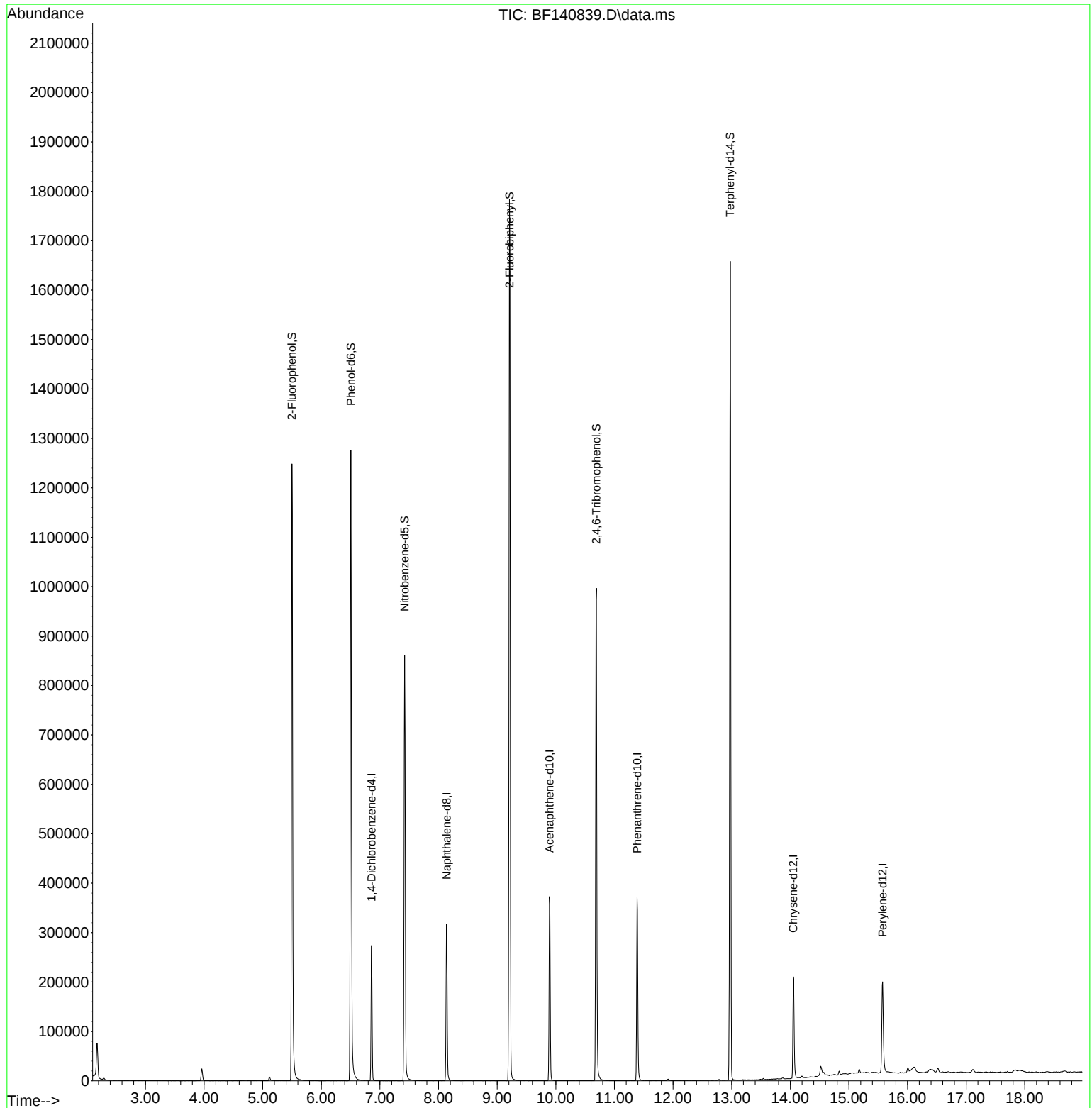
Target Compounds	Qvalue

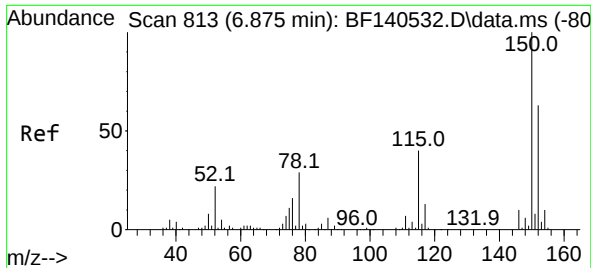
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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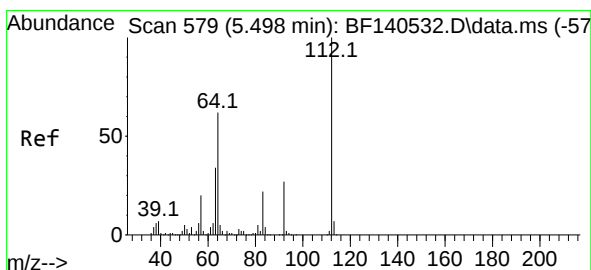
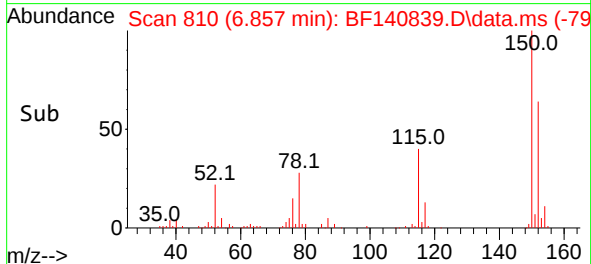
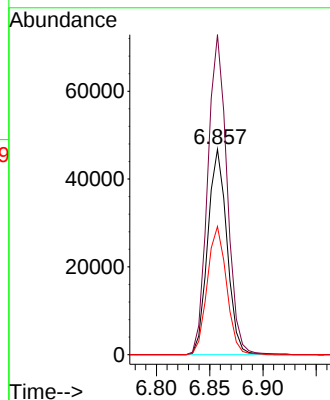
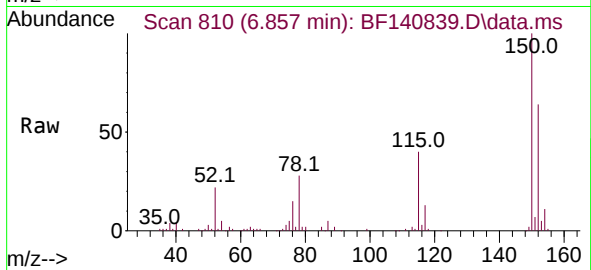




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140839.D
Acq: 13 Dec 2024 12:47

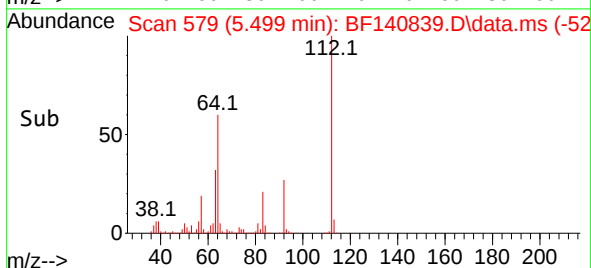
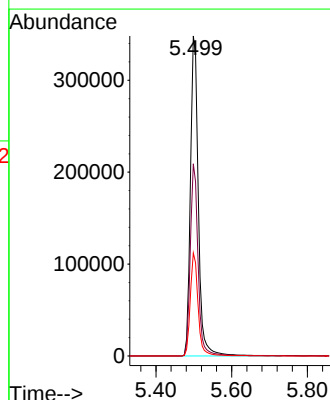
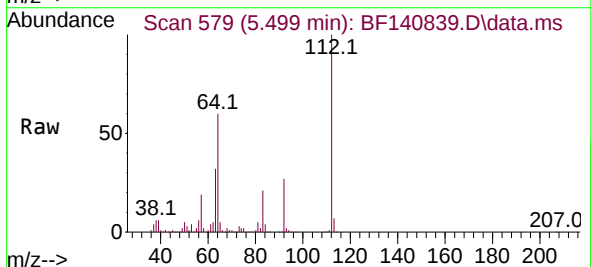
Instrument :
BNA_F
ClientSampleId :
PB165543BL

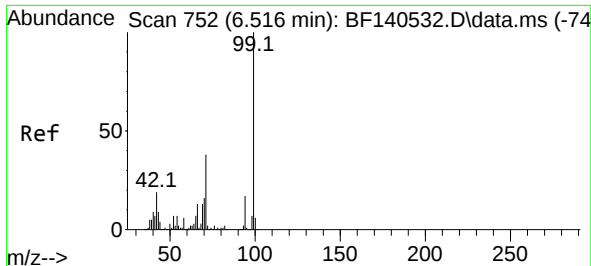
Tgt Ion:152 Resp: 58908
Ion Ratio Lower Upper
152 100
150 155.8 128.5 192.7
115 62.4 50.2 75.4



#5
2-Fluorophenol
Concen: 145.688 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140839.D
Acq: 13 Dec 2024 12:47

Tgt Ion:112 Resp: 502996
Ion Ratio Lower Upper
112 100
64 60.1 49.2 73.8
63 32.2 27.0 40.4

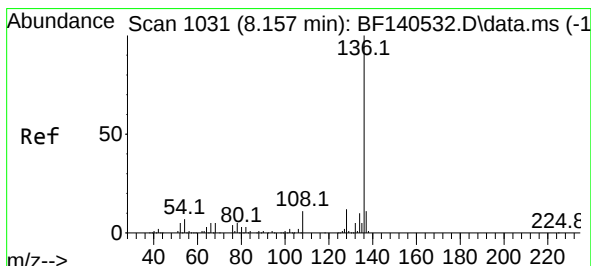
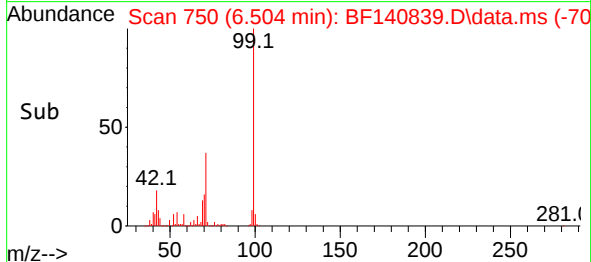
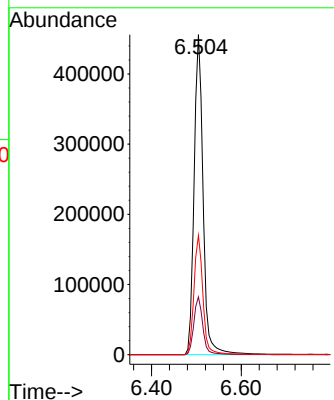
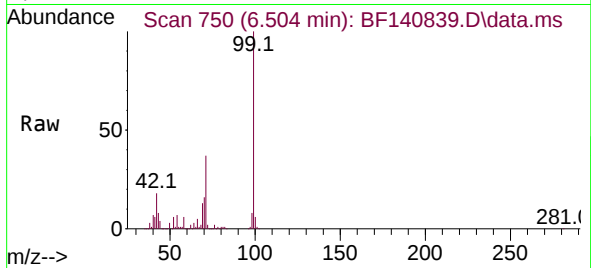




#7
Phenol-d6
Concen: 139.591 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140839.D
Acq: 13 Dec 2024 12:47

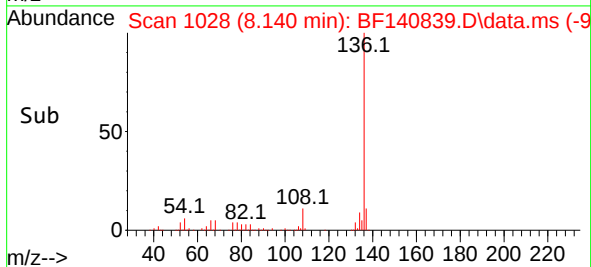
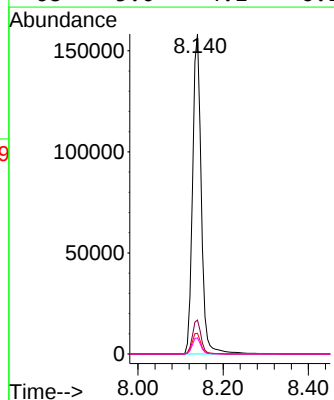
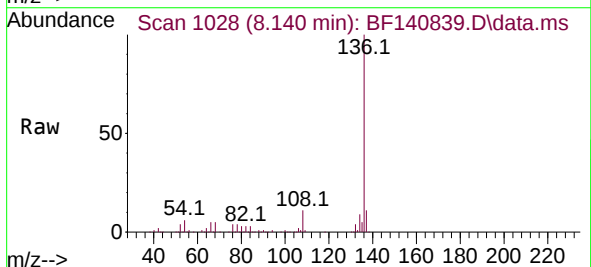
Instrument :
BNA_F
ClientSampleId :
PB165543BL

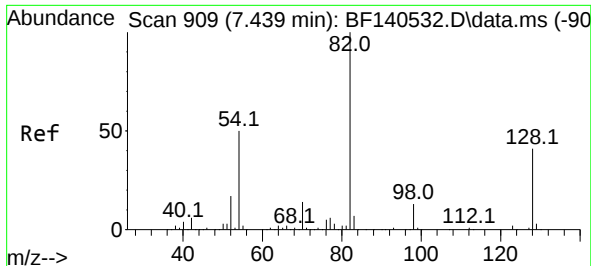
Tgt Ion: 99 Resp: 637146
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 37.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140839.D
Acq: 13 Dec 2024 12:47

Tgt Ion: 136 Resp: 223963
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.5 5.8 8.8
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 95.784 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.017 min

Lab File: BF140839.D

Acq: 13 Dec 2024 12:47

Instrument :

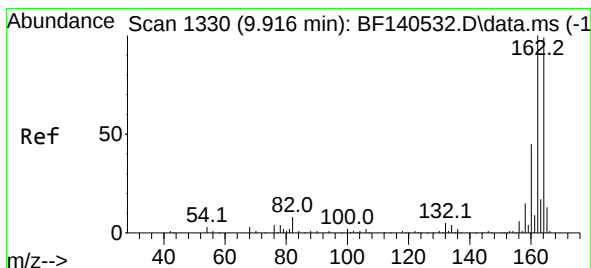
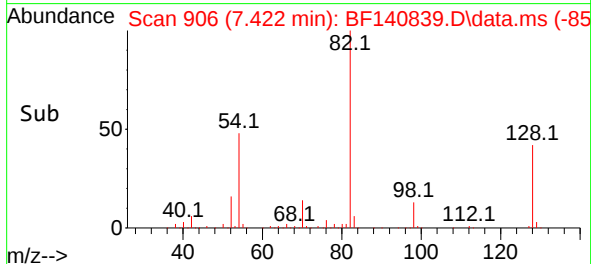
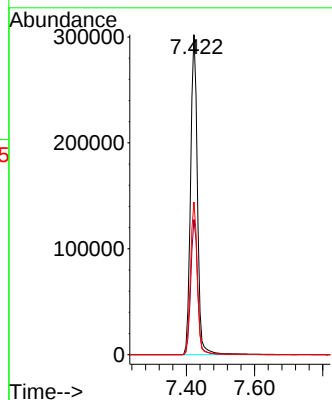
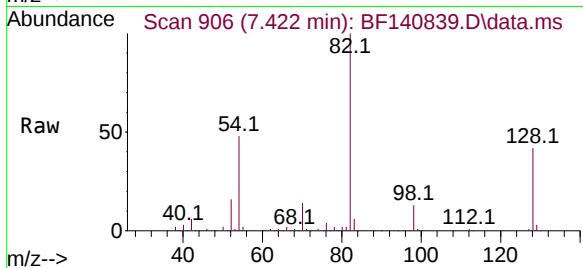
BNA_F

ClientSampleId :

PB165543BL

Tgt Ion: 82 Resp: 419394

Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.0	49.4
54	47.7	39.5	59.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1326

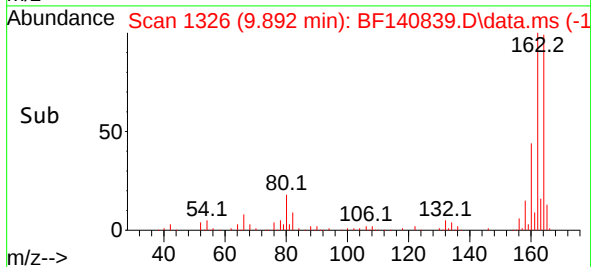
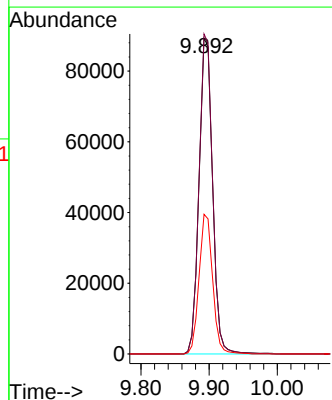
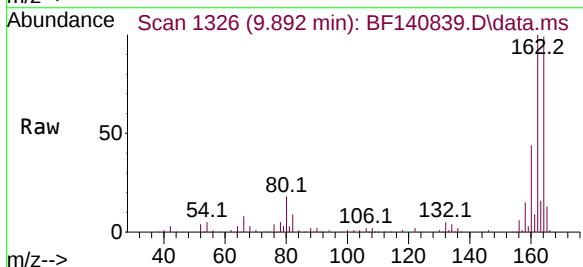
Delta R.T. -0.023 min

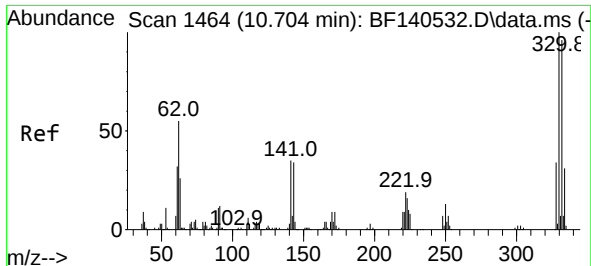
Lab File: BF140839.D

Acq: 13 Dec 2024 12:47

Tgt Ion:164 Resp: 123167

Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	120.8
160	44.3	36.2	54.4





#42

2,4,6-Tribromophenol

Concen: 144.244 ng

RT: 10.692 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF140839.D

Acq: 13 Dec 2024 12:47

Instrument :

BNA_F

ClientSampleId :

PB165543BL

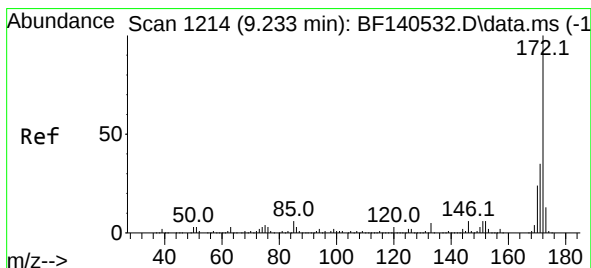
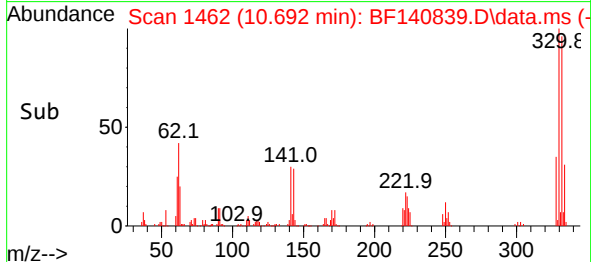
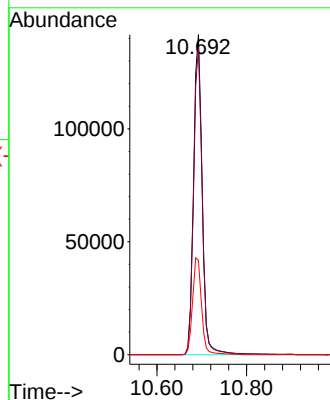
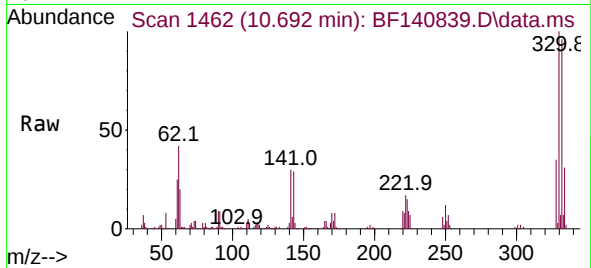
Tgt Ion:330 Resp: 190010

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

141 31.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 102.963 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.023 min

Lab File: BF140839.D

Acq: 13 Dec 2024 12:47

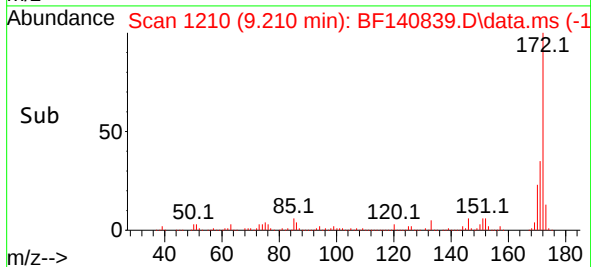
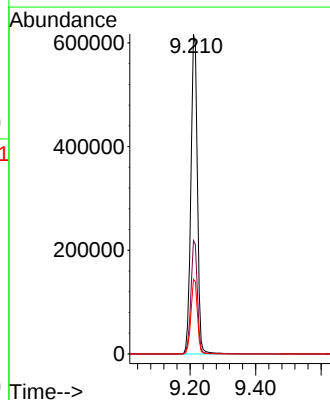
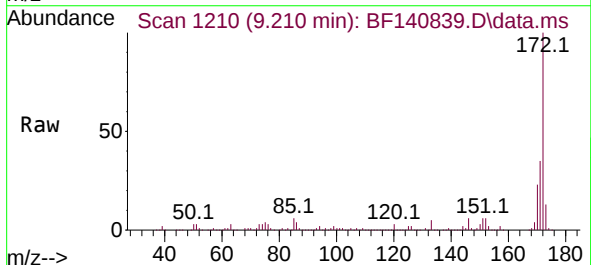
Tgt Ion:172 Resp: 851147

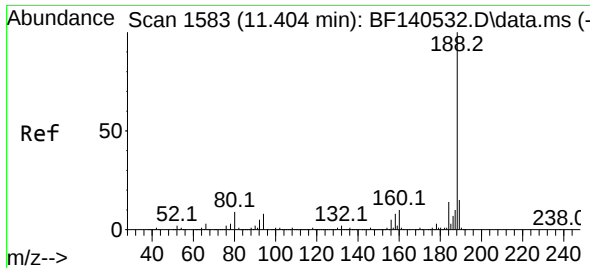
Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.3 19.0 28.6

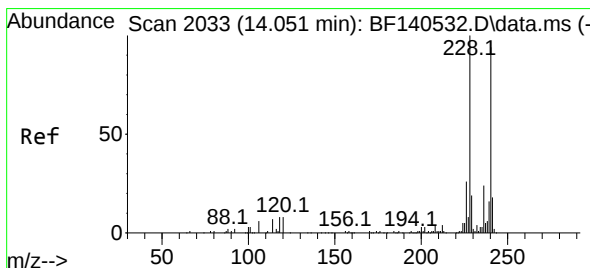
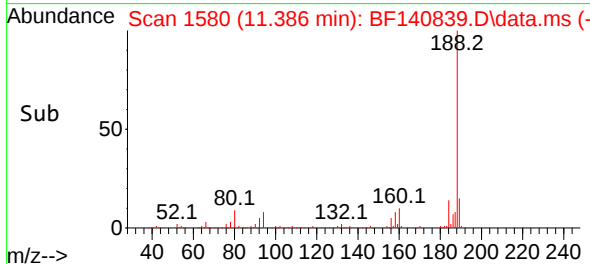
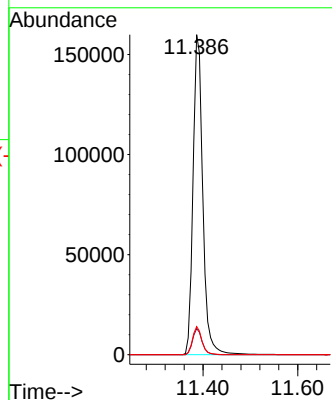
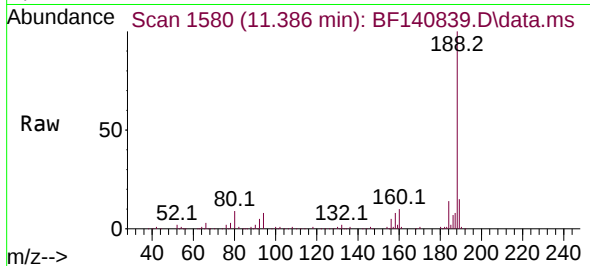




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140839.D
Acq: 13 Dec 2024 12:47

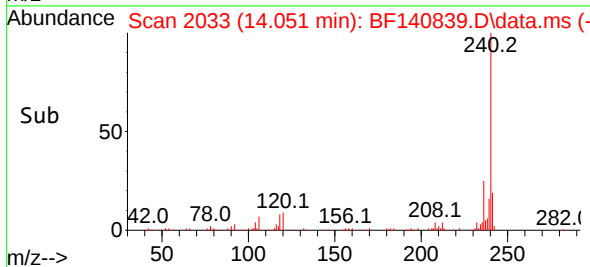
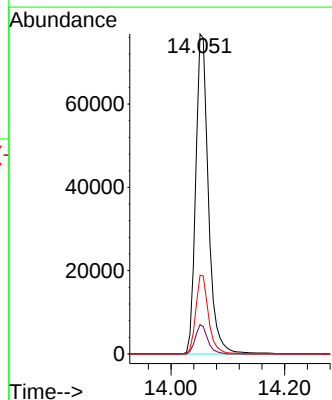
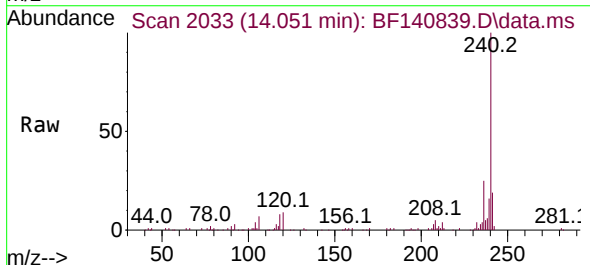
Instrument :
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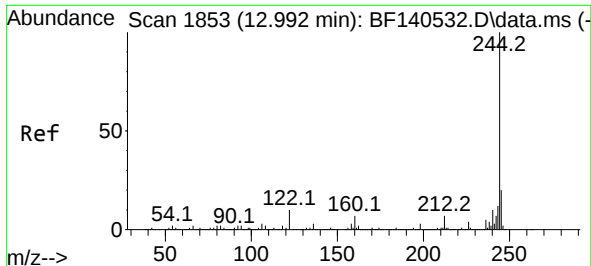
Tgt Ion:188 Resp: 228244
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140839.D
Acq: 13 Dec 2024 12:47

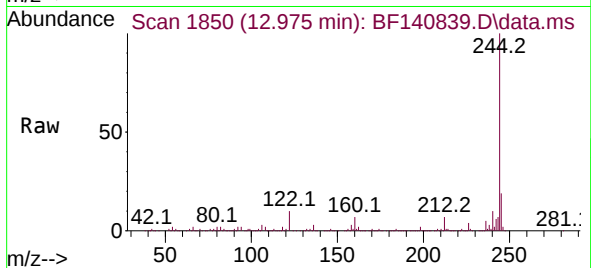
Tgt Ion:240 Resp: 119941
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 24.6 20.6 31.0



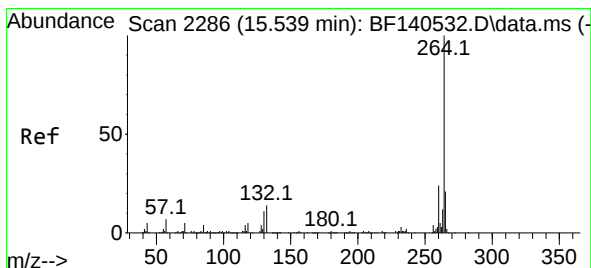
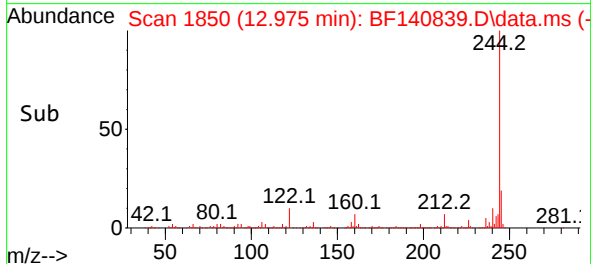
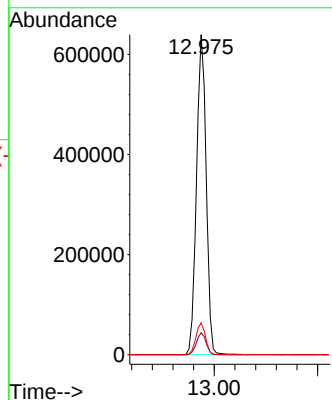


#79
 Terphenyl-d14
 Concen: 107.782 ng
 RT: 12.975 min Scan# 11
 Delta R.T. -0.018 min
 Lab File: BF140839.D
 Acq: 13 Dec 2024 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB165543BL



Tgt Ion:244 Resp: 830208
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2292
 Delta R.T. 0.035 min
 Lab File: BF140839.D
 Acq: 13 Dec 2024 12:47

Tgt Ion:264 Resp: 134513
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 20.8 16.6 25.0

