

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102924\
 Data File : BF140138.D
 Acq On : 30 Oct 2024 03:48
 Operator : RC/JU
 Sample : P4597-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RED-1-2

Quant Time: Oct 30 04:42:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	126659	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	501647	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	256654	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	367001	20.000	ng	0.00
76) Chrysene-d12	14.051	240	252344	20.000	ng	0.00
86) Perylene-d12	15.533	264	187953	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1028355	127.103	ng	0.02
7) Phenol-d6	6.510	99	1270493	121.245	ng	0.00
23) Nitrobenzene-d5	7.445	82	904971	99.984	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	285068	118.746	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1570816	101.151	ng	0.00
79) Terphenyl-d14	12.998	244	1250635	80.758	ng	0.00

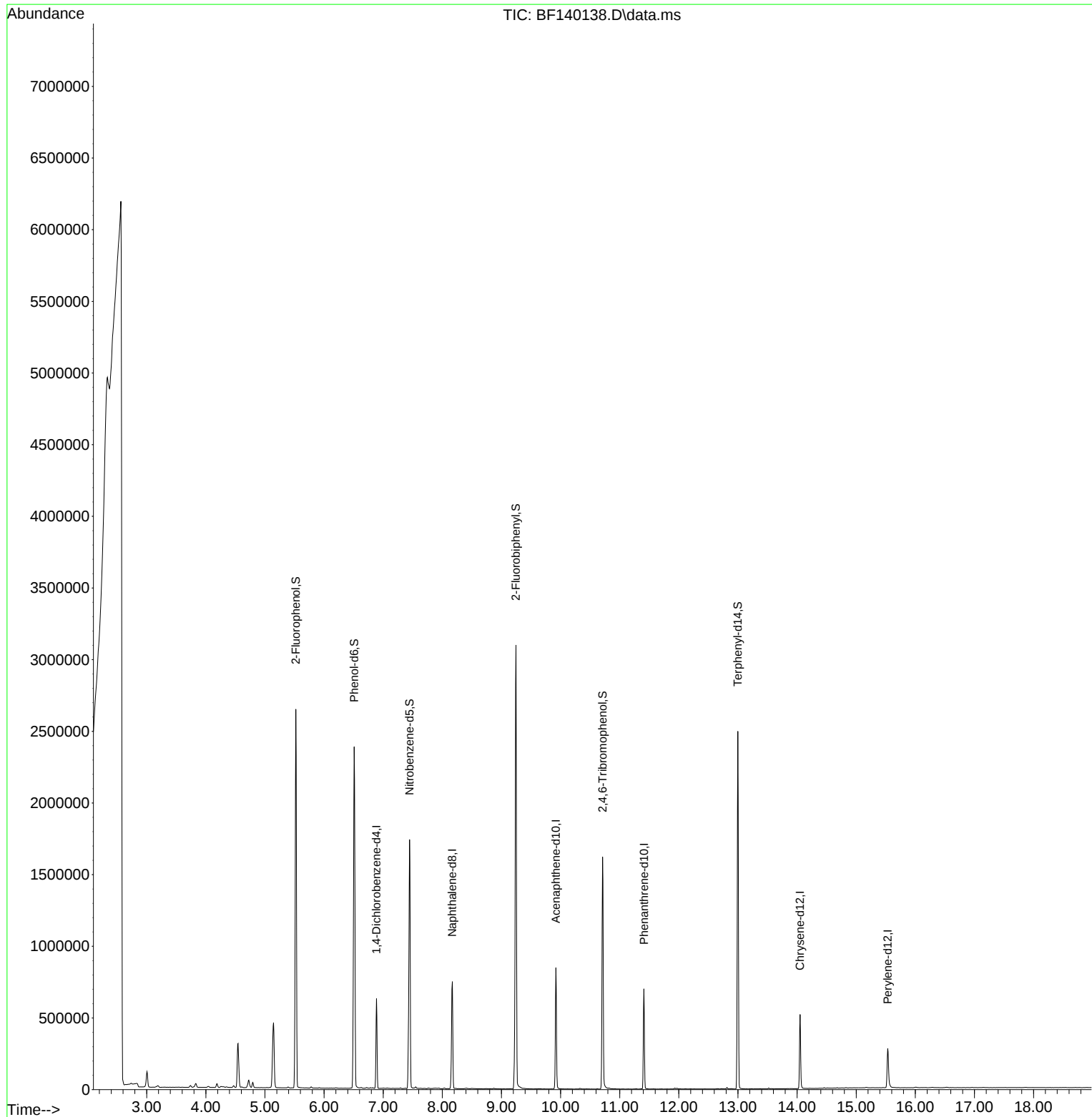
Target Compounds	Qvalue

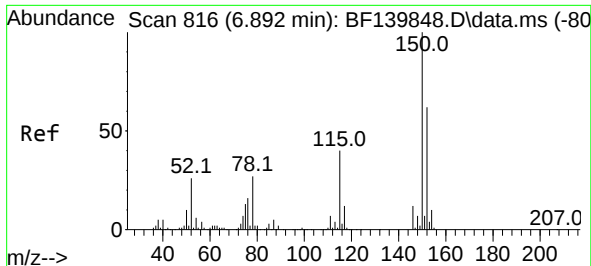
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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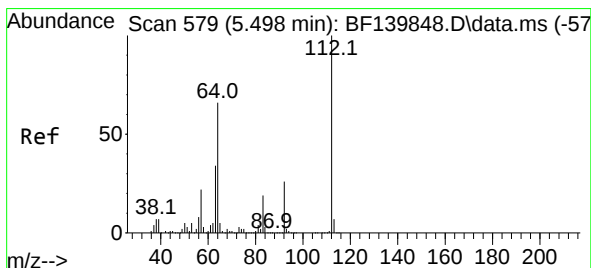
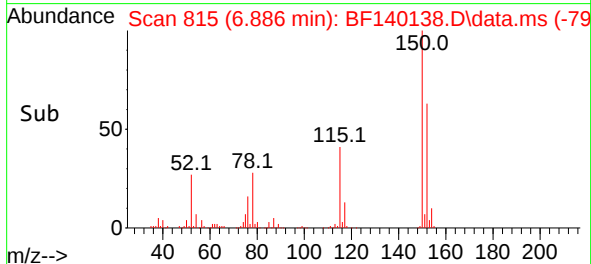
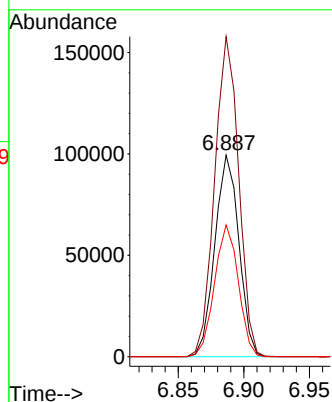
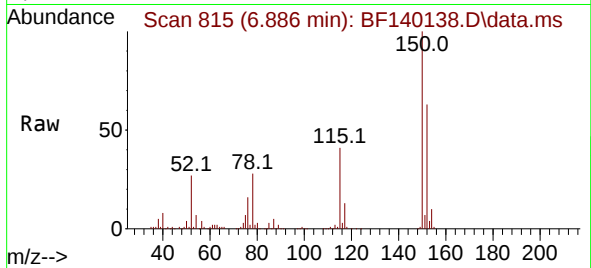




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140138.D
Acq: 30 Oct 2024 03:48

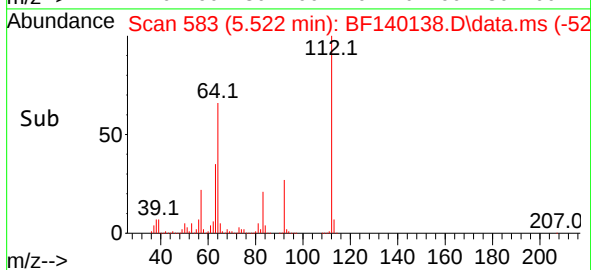
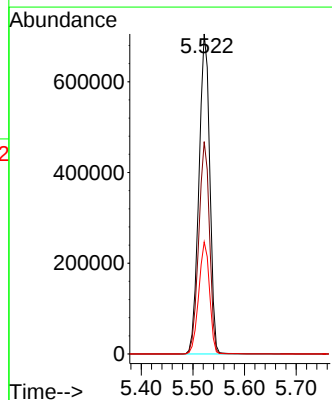
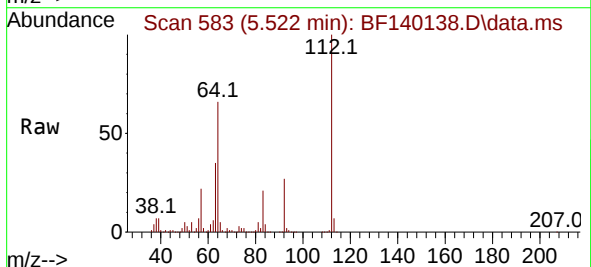
Instrument :
BNA_F
ClientSampleId :
RED-1-2

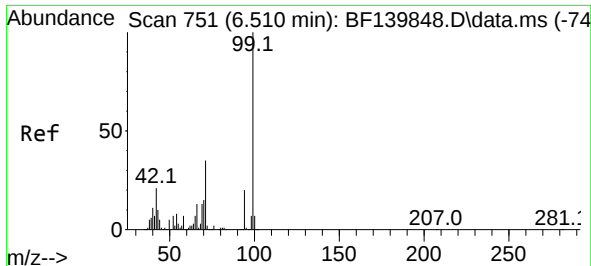
Tgt Ion:152 Resp: 126659
Ion Ratio Lower Upper
152 100
150 158.8 130.2 195.2
115 65.3 51.4 77.2



#5
2-Fluorophenol
Concen: 127.103 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140138.D
Acq: 30 Oct 2024 03:48

Tgt Ion:112 Resp: 1028355
Ion Ratio Lower Upper
112 100
64 66.4 53.0 79.6
63 35.0 27.0 40.4



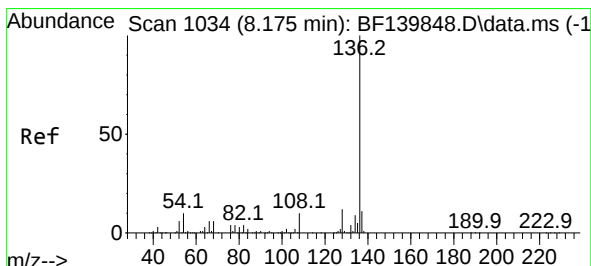
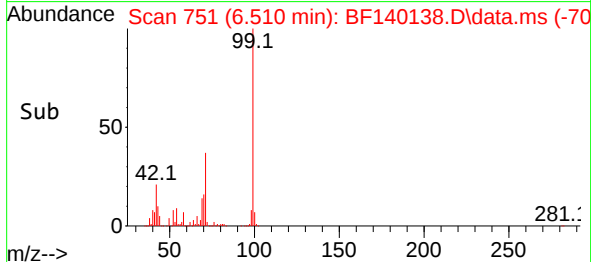
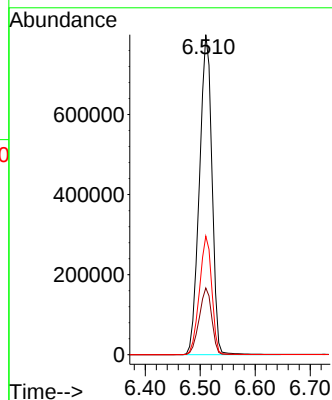
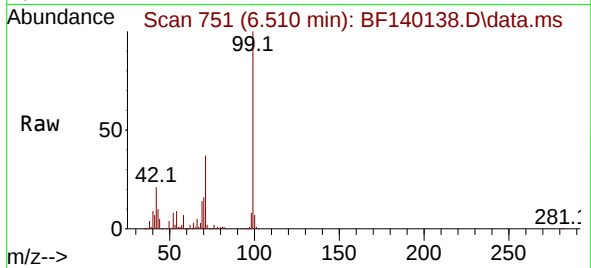


#7
Phenol-d6
Concen: 121.245 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140138.D
Acq: 30 Oct 2024 03:48

Instrument :
BNA_F
ClientSampleId :
RED-1-2

Tgt Ion: 99 Resp: 1270493

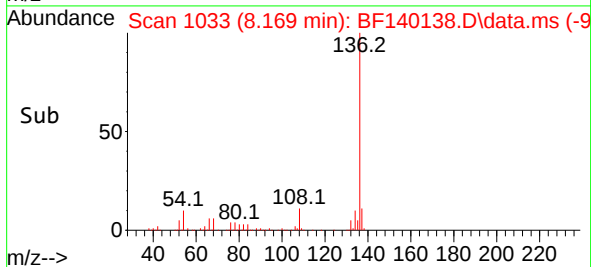
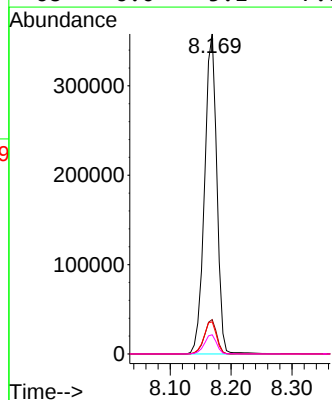
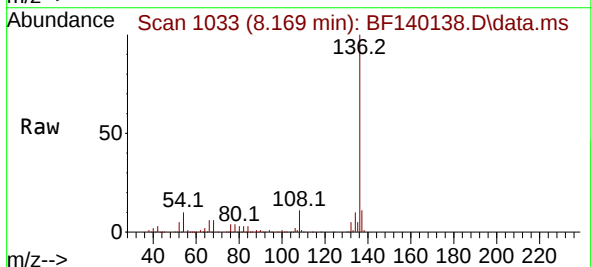
Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.7	25.1
71	37.1	27.7	41.5

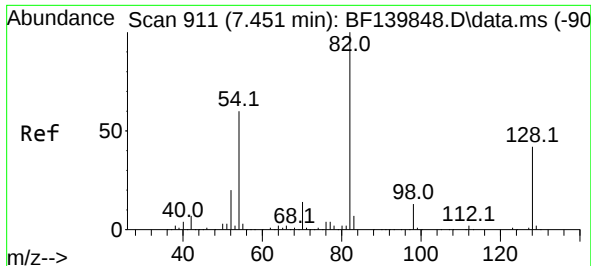


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140138.D
Acq: 30 Oct 2024 03:48

Tgt Ion: 136 Resp: 501647

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.1	8.4	12.6
68	6.0	5.1	7.7

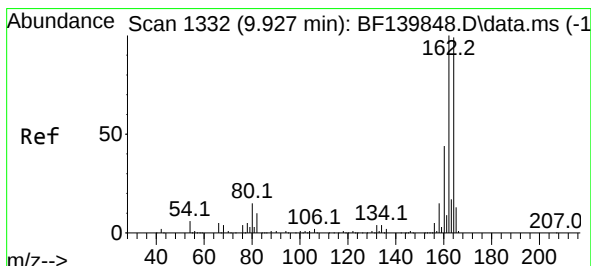
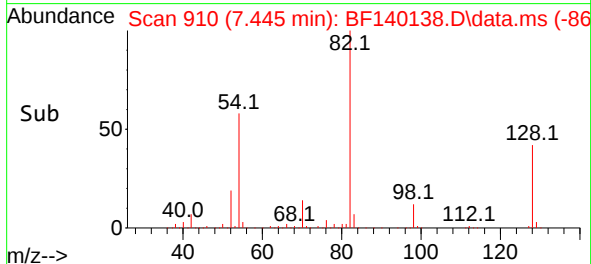
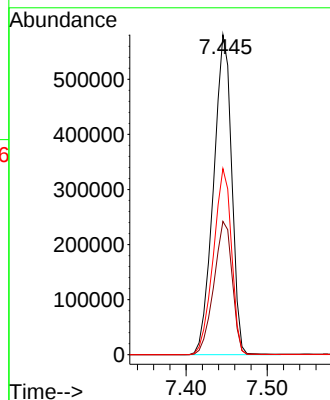
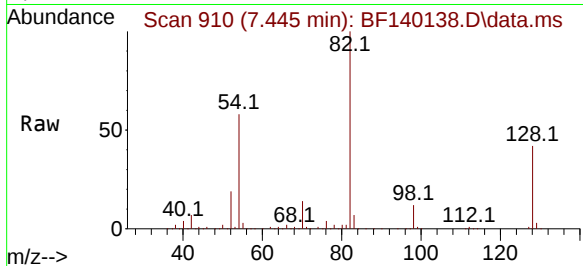




#23
 Nitrobenzene-d5
 Concen: 99.984 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140138.D
 Acq: 30 Oct 2024 03:48

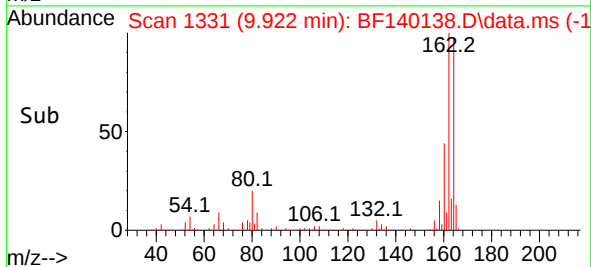
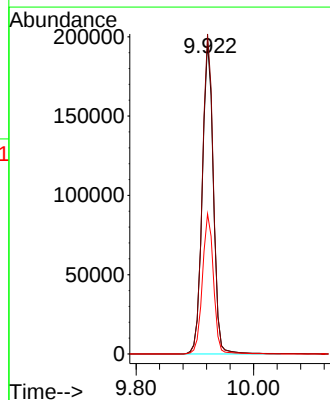
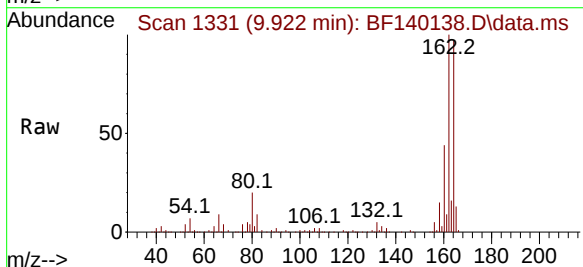
Instrument :
 BNA_F
 ClientSampleId :
 RED-1-2

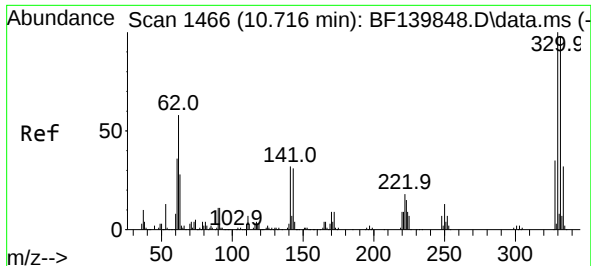
Tgt Ion: 82 Resp: 904971
 Ion Ratio Lower Upper
 82 100
 128 41.6 33.4 50.0
 54 58.1 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF140138.D
 Acq: 30 Oct 2024 03:48

Tgt Ion: 164 Resp: 256654
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.0 121.4
 160 44.9 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 118.746 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140138.D

Acq: 30 Oct 2024 03:48

Instrument :

BNA_F

ClientSampleId :

RED-1-2

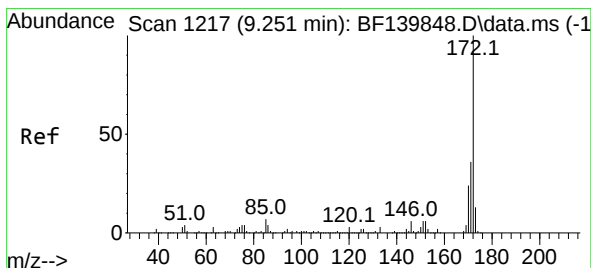
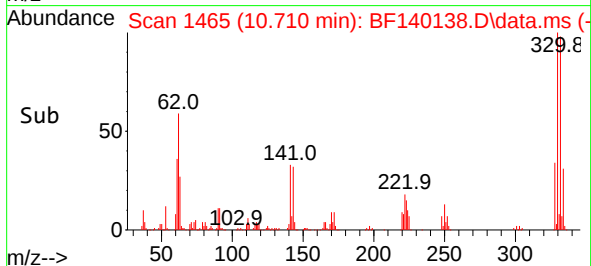
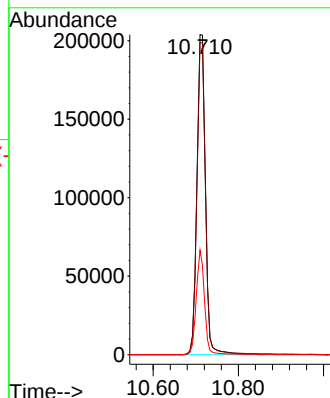
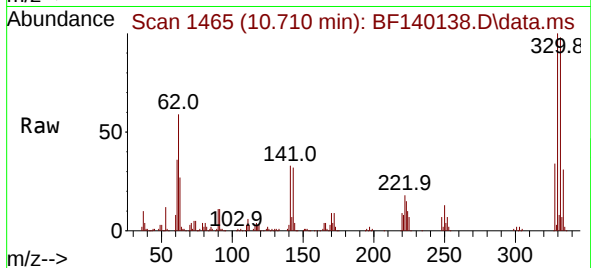
Tgt Ion:330 Resp: 285068

Ion Ratio Lower Upper

330 100

332 97.4 78.1 117.1

141 31.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 101.151 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140138.D

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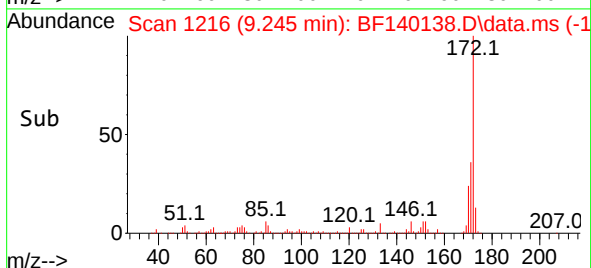
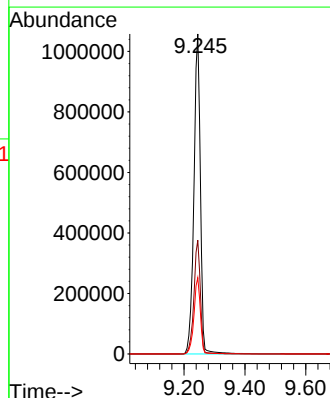
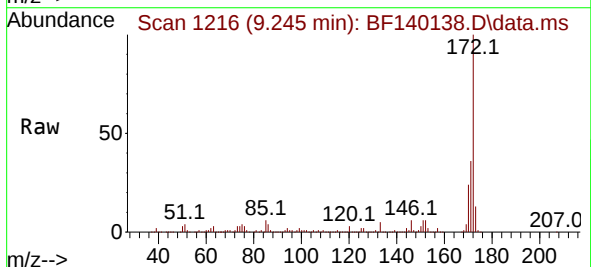
Tgt Ion:172 Resp: 1570816

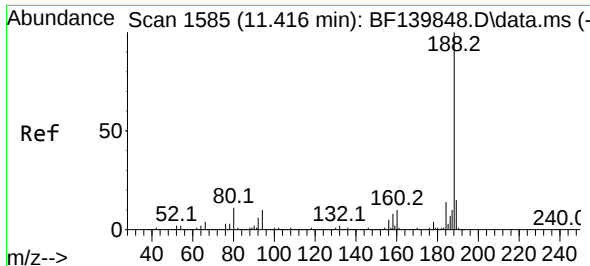
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.8 19.1 28.7

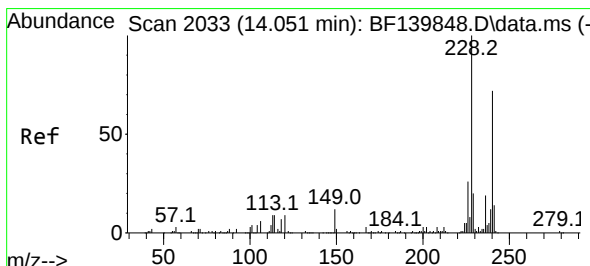
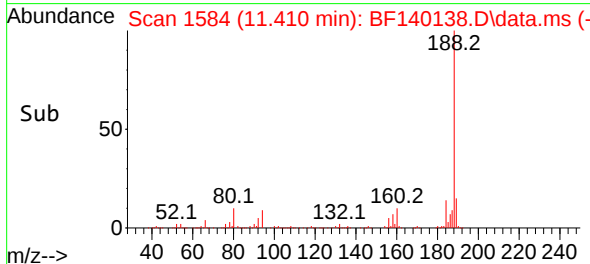
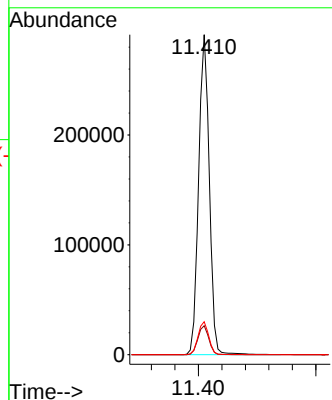
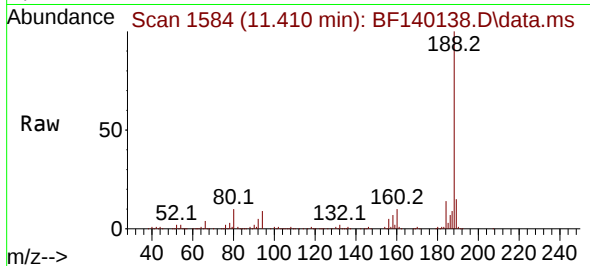




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140138.D
Acq: 30 Oct 2024 03:48

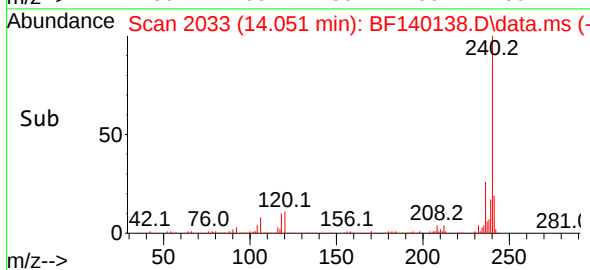
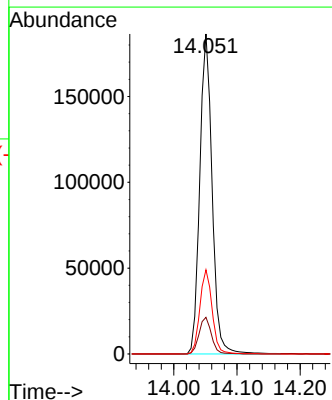
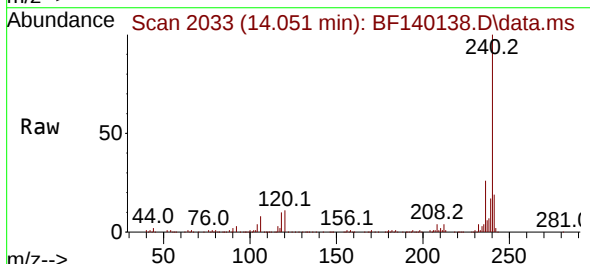
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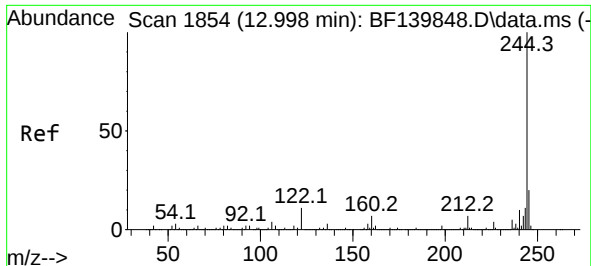
Tgt Ion:188 Resp: 367001
Ion Ratio Lower Upper
188 100
94 9.0 7.9 11.9
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140138.D
Acq: 30 Oct 2024 03:48

Tgt Ion:240 Resp: 252344
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 26.3 20.9 31.3

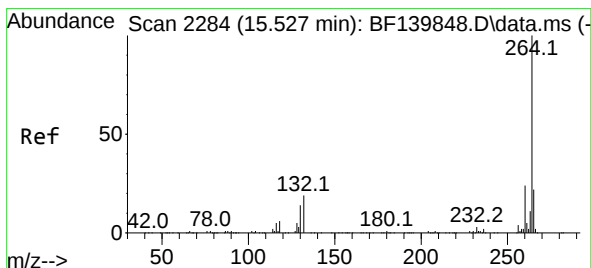
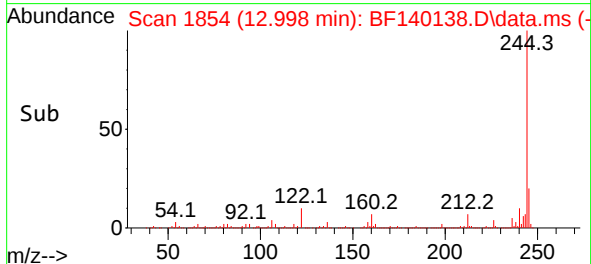
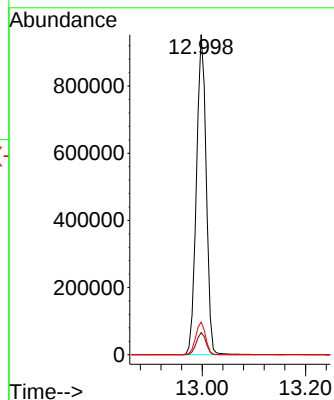
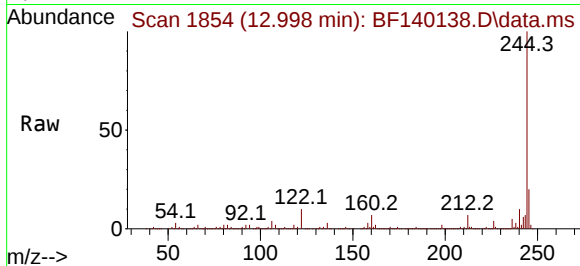




#79
 Terphenyl-d14
 Concen: 80.758 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140138.D
 Acq: 30 Oct 2024 03:48

Instrument :
 BNA_F
 ClientSampleId :
 RED-1-2

Tgt Ion:244 Resp: 1250635
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 10.2 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: BF140138.D
 Acq: 30 Oct 2024 03:48

Tgt Ion:264 Resp: 187953
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 20.5 17.4 26.0

