

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083024\
 Data File : BN033708.D
 Acq On : 30 Aug 2024 16:47
 Operator : MA/JU
 Sample : PB163051BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB163051BL

Quant Time: Aug 30 17:20:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 23:33:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	6449	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	16747	0.400	ng	#-0.01
13) Acenaphthene-d10	14.156	164	7793	0.400	ng	-0.01
19) Phenanthrene-d10	16.917	188	15690	0.400	ng	0.00
29) Chrysene-d12	21.121	240	11440	0.400	ng	0.00
35) Perylene-d12	23.285	264	10563	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.161	112	6792	0.350	ng	0.00
5) Phenol-d6	6.714	99	7876	0.344	ng	0.00
8) Nitrobenzene-d5	8.659	82	5540	0.398	ng	0.00
11) 2-Methylnaphthalene-d10	11.880	152	9338	0.395	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	941	0.252	ng	0.00
15) 2-Fluorobiphenyl	12.777	172	13105	0.399	ng	0.00
27) Fluoranthene-d10	18.951	212	15364	0.397	ng	0.00
31) Terphenyl-d14	19.569	244	10798	0.446	ng	0.00

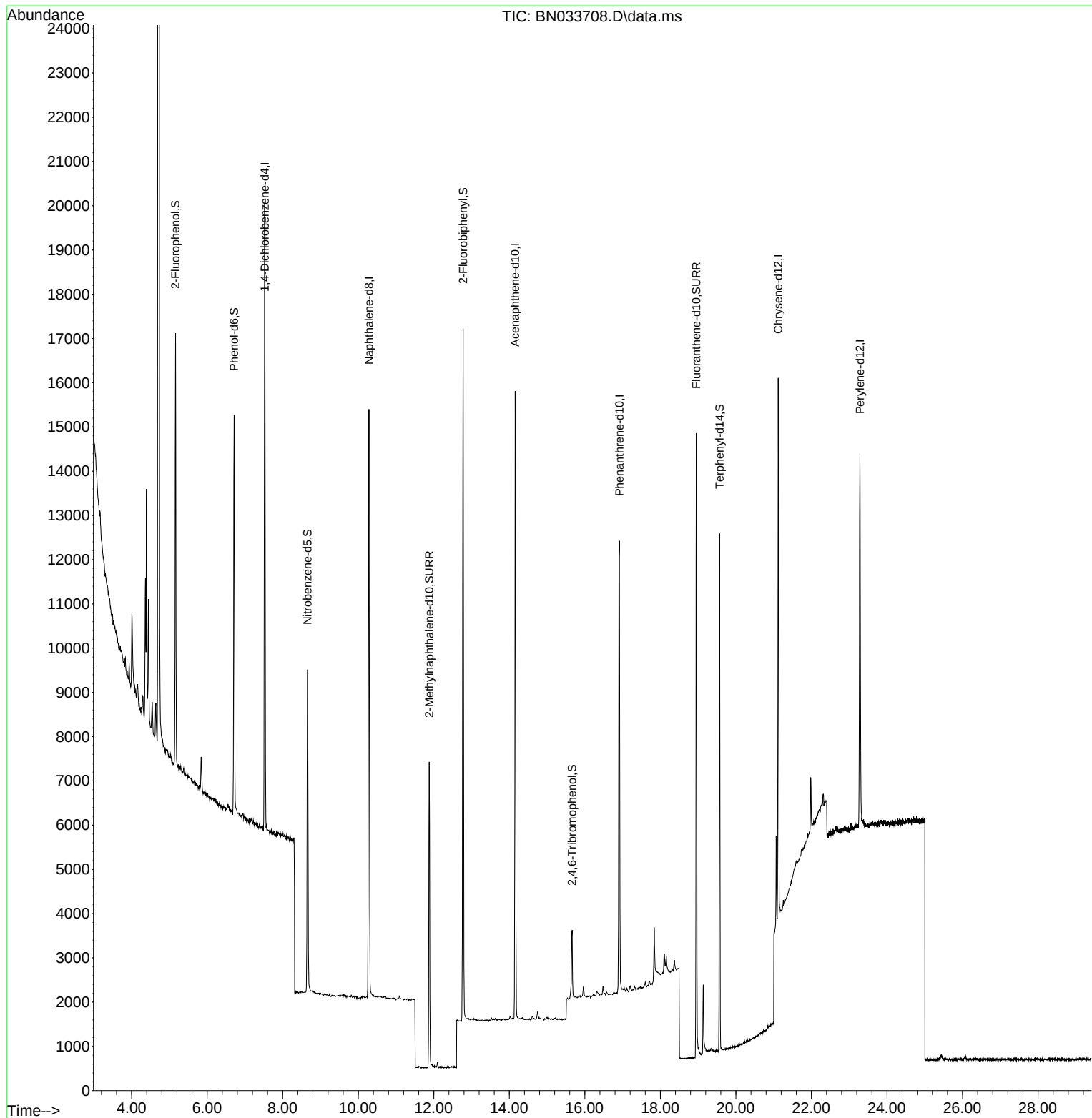
Target Compounds Qvalue

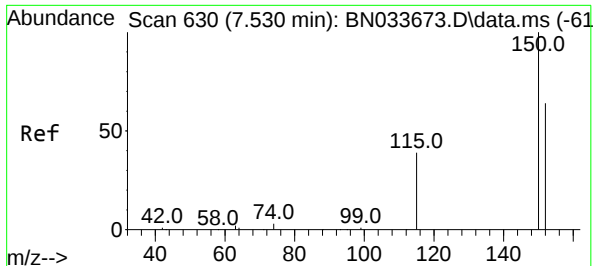
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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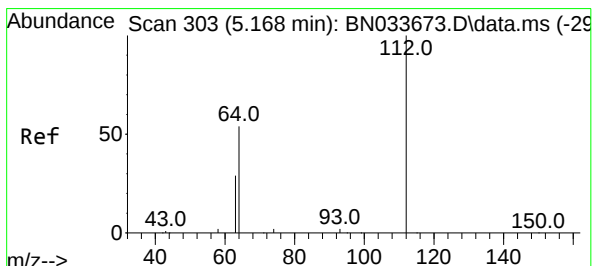
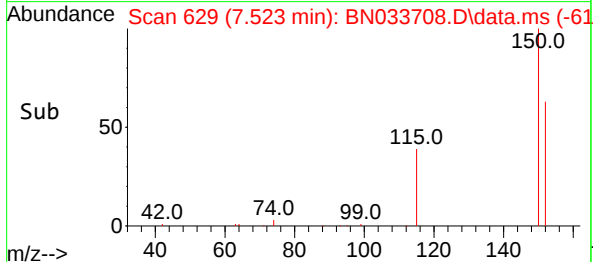
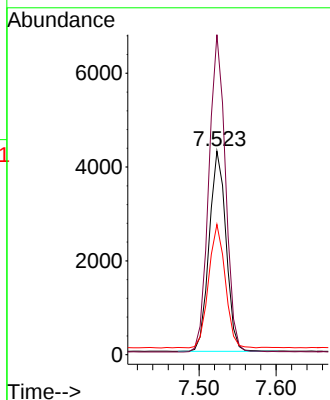
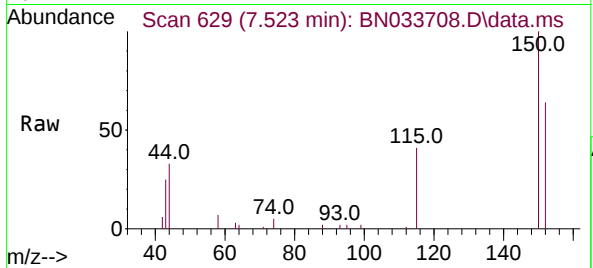




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.523 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

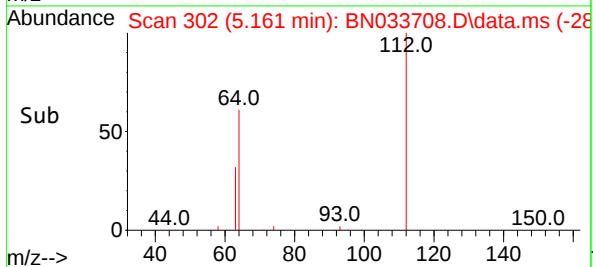
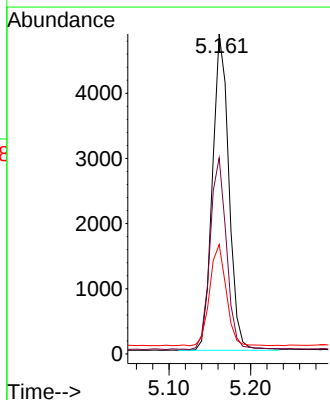
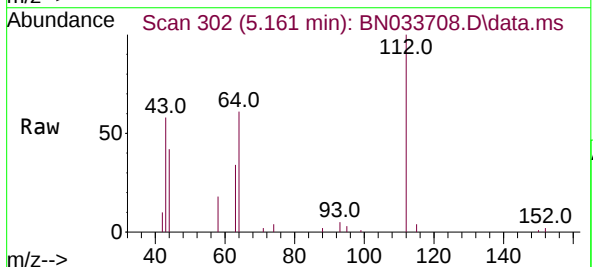
Instrument :
BNA_N
ClientSampleId :
PB163051BL

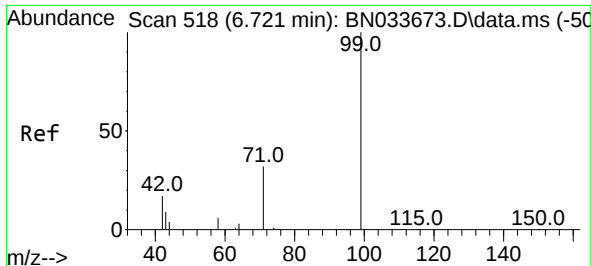
Tgt Ion:152 Resp: 6449
Ion Ratio Lower Upper
152 100
150 157.2 123.4 185.0
115 64.0 51.3 76.9



#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.161 min Scan# 302
Delta R.T. -0.007 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

Tgt Ion:112 Resp: 6792
Ion Ratio Lower Upper
112 100
64 60.7 48.6 72.8
63 31.7 26.6 39.8

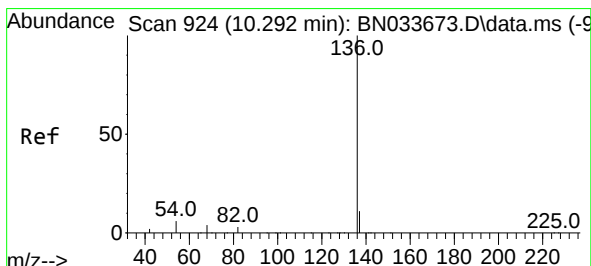
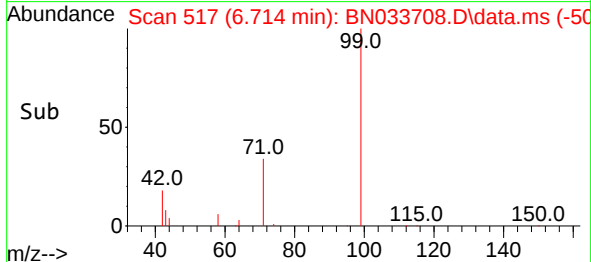
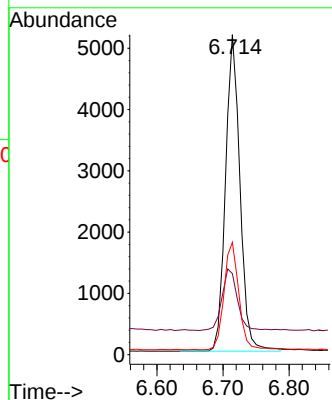
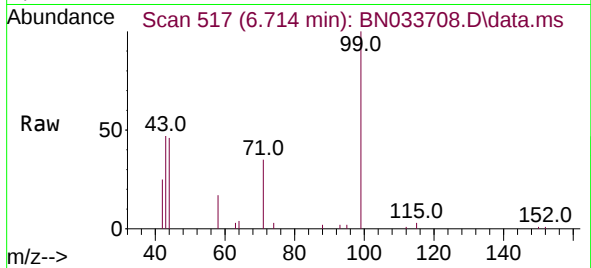




#5
Phenol-d6
Concen: 0.344 ng
RT: 6.714 min Scan# 517
Delta R.T. -0.007 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

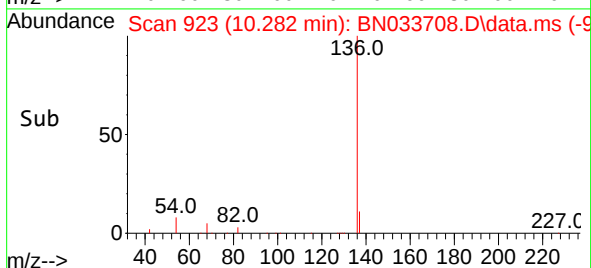
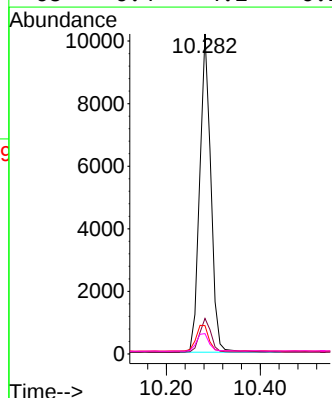
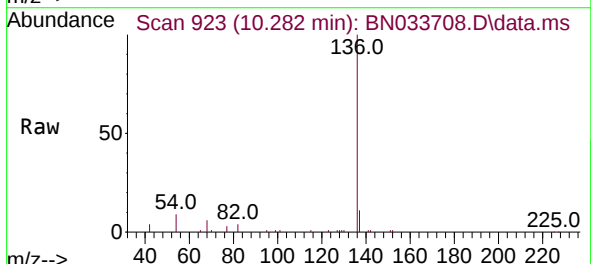
Instrument :
BNA_N
ClientSampleId :
PB163051BL

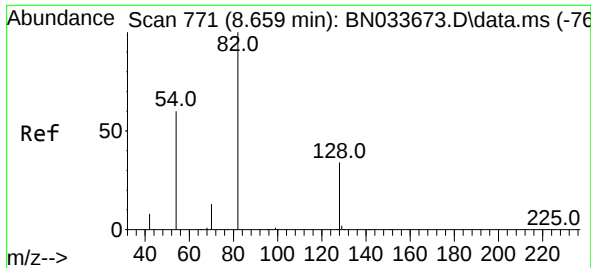
Tgt Ion: 99 Resp: 7876
Ion Ratio Lower Upper
99 100
42 20.9 17.8 26.8
71 34.6 28.0 42.0



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.282 min Scan# 923
Delta R.T. -0.010 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

Tgt Ion: 136 Resp: 16747
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.8 5.8 8.6#
68 6.4 4.2 6.2#

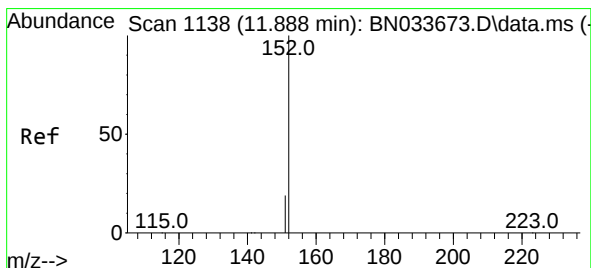
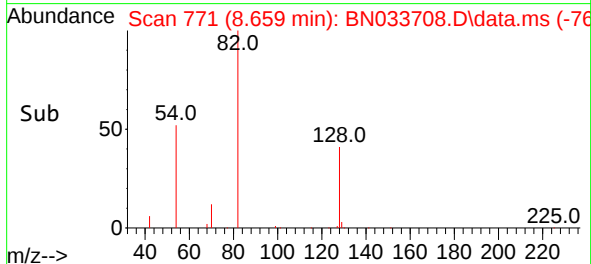
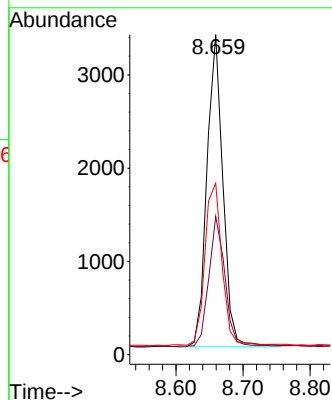
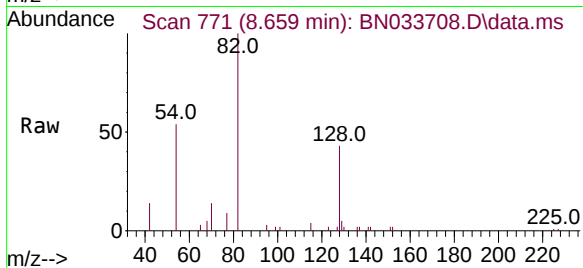




#8
Nitrobenzene-d5
Concen: 0.398 ng
RT: 8.659 min Scan# 771
Delta R.T. 0.000 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

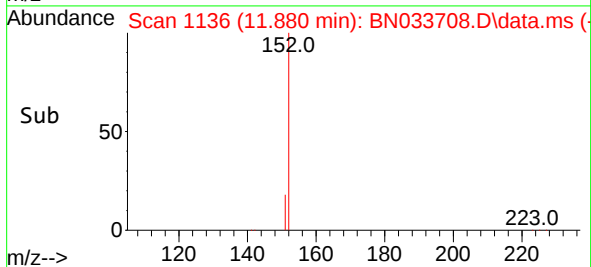
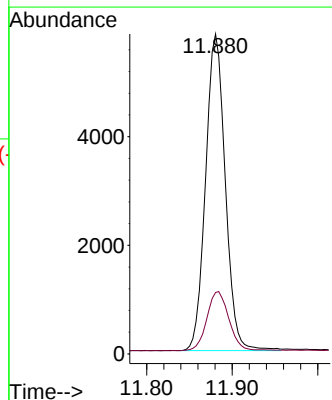
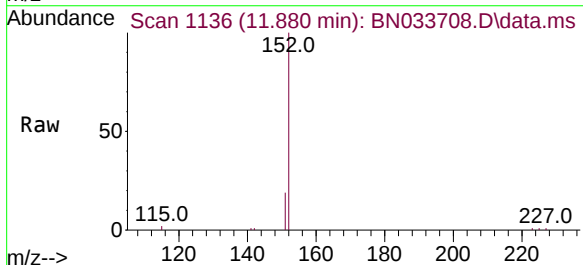
Instrument :
BNA_N
ClientSampleId :
PB163051BL

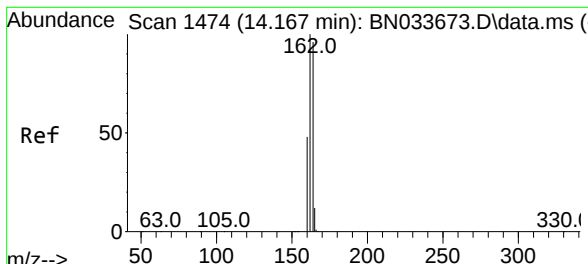
Tgt Ion: 82 Resp: 5540
Ion Ratio Lower Upper
82 100
128 43.2 29.3 43.9
54 53.6 49.4 74.0



#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 11.880 min Scan# 1136
Delta R.T. -0.007 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

Tgt Ion: 152 Resp: 9338
Ion Ratio Lower Upper
152 100
151 21.1 16.7 25.1

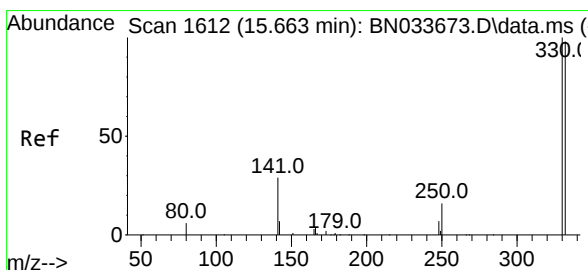
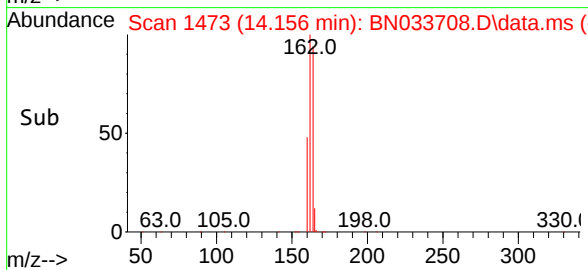
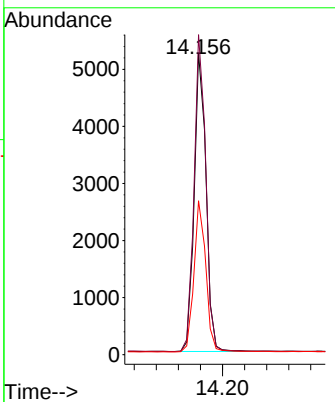
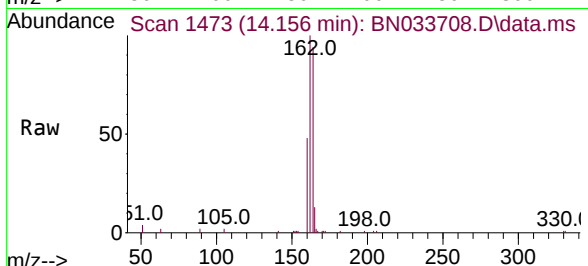




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.156 min Scan# 1473
 Delta R.T. -0.010 min
 Lab File: BN033708.D
 Acq: 30 Aug 2024 16:47

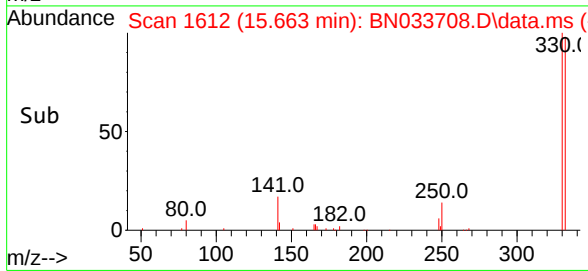
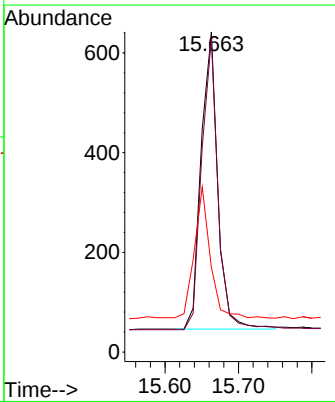
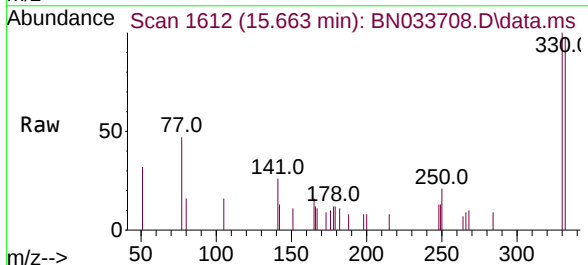
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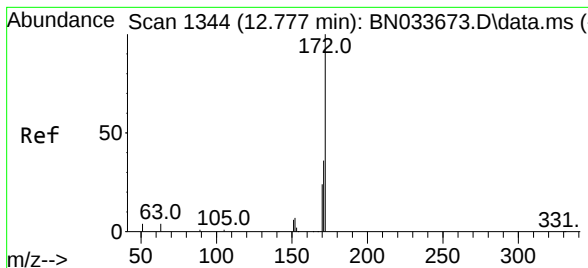
Tgt Ion:	164	Resp:	7793
Ion	Ratio	Lower	Upper
164	100		
162	106.2	83.4	125.2
160	51.1	40.2	60.2



#14
 2,4,6-Tribromophenol
 Concen: 0.252 ng
 RT: 15.663 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BN033708.D
 Acq: 30 Aug 2024 16:47

Tgt Ion:	330	Resp:	941
Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.6	118.0
141	42.0	35.0	52.6

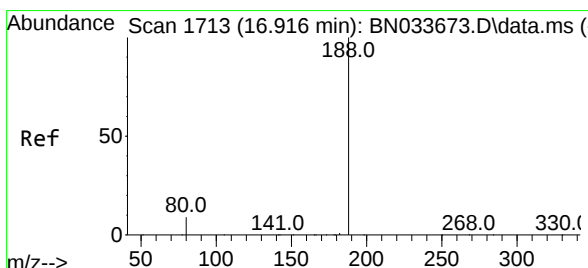
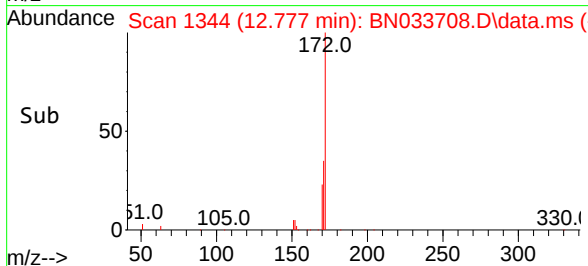
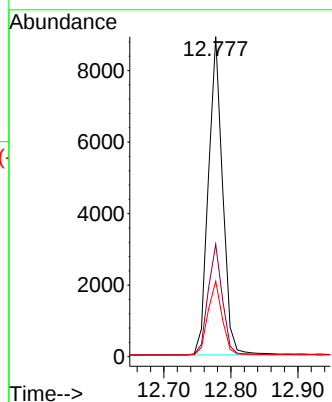
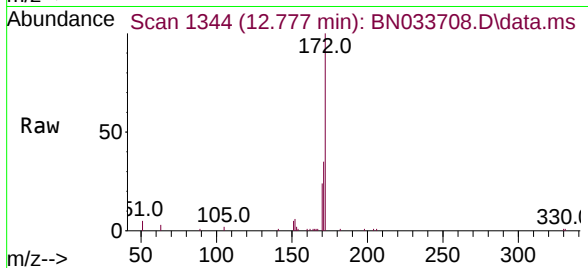




#15
2-Fluorobiphenyl
Concen: 0.399 ng
RT: 12.777 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

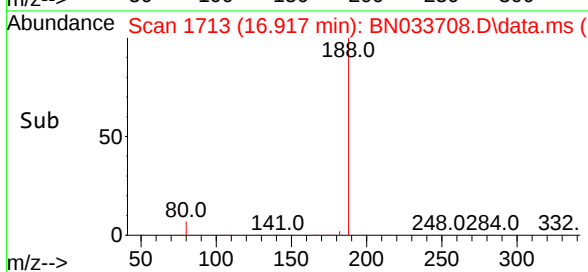
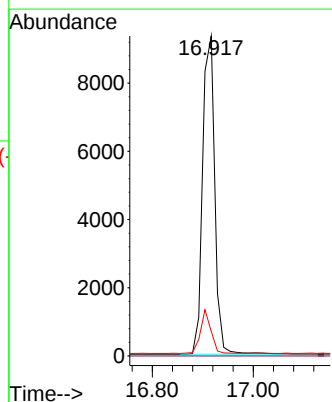
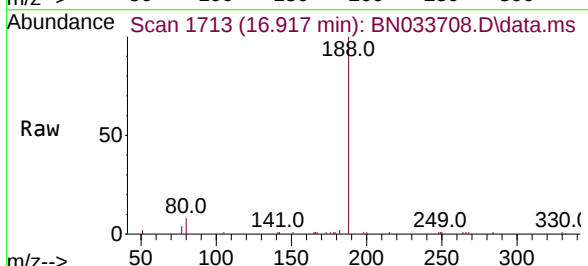
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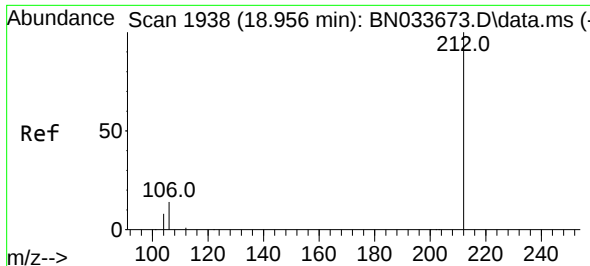
Tgt Ion:	172	Resp:	13105
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.2	43.8
170	23.6	19.7	29.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.917 min Scan# 1713
Delta R.T. 0.000 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

Tgt Ion:	188	Resp:	15690
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.7	7.4	11.0

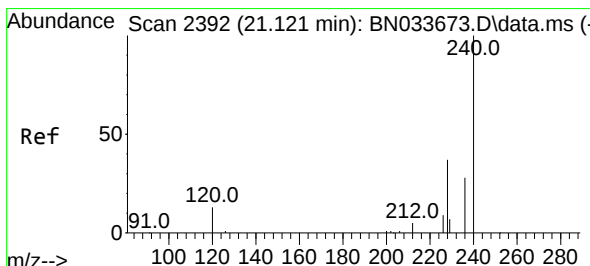
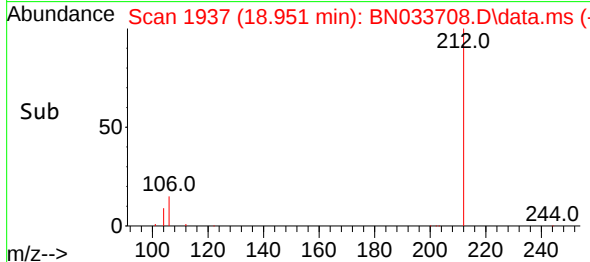
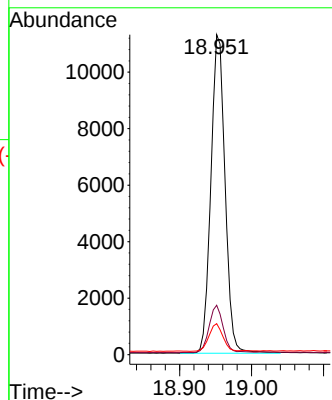
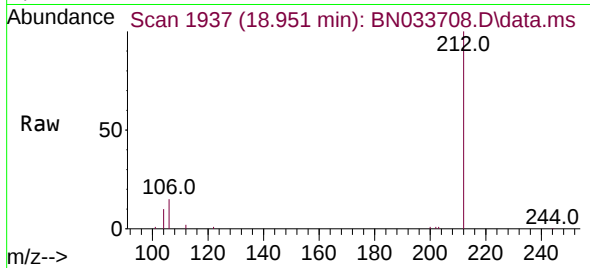




#27
Fluoranthene-d10
Concen: 0.397 ng
RT: 18.951 min Scan# 1937
Delta R.T. -0.004 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

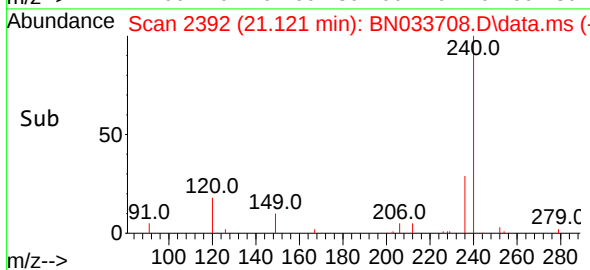
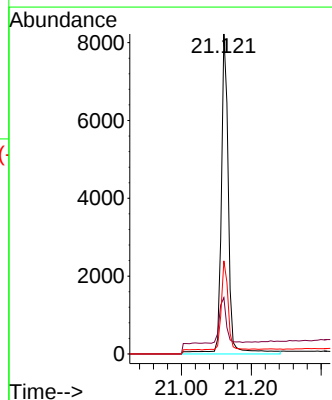
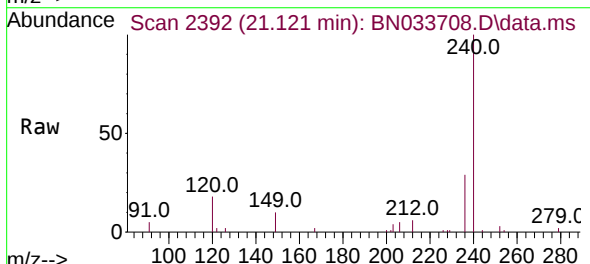
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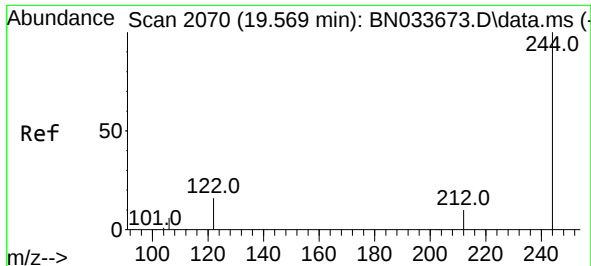
Tgt Ion:212 Resp: 15364
Ion Ratio Lower Upper
212 100
106 14.8 11.8 17.6
104 8.5 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.121 min Scan# 2392
Delta R.T. 0.000 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

Tgt Ion:240 Resp: 11440
Ion Ratio Lower Upper
240 100
120 17.6 13.3 19.9
236 29.1 23.4 35.2

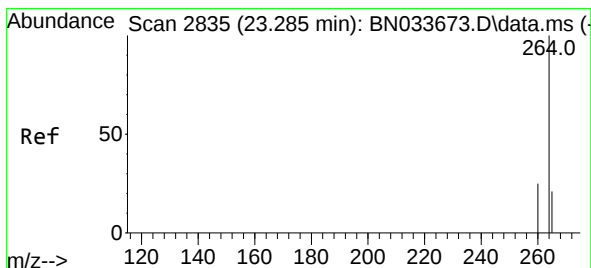
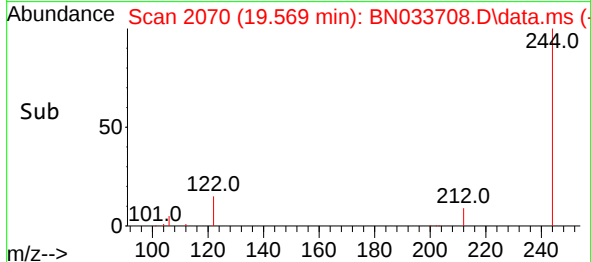
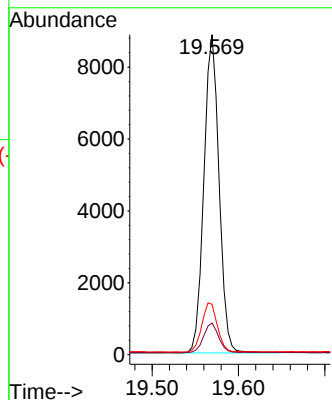
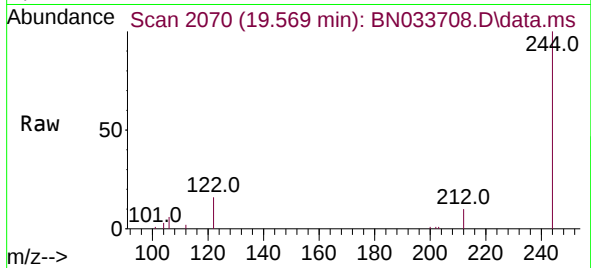




#31
Terphenyl-d14
Concen: 0.446 ng
RT: 19.569 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

Instrument :
BNA_N
ClientSampleId :
PB163051BL

Tgt Ion:244 Resp: 10798
Ion Ratio Lower Upper
244 100
212 9.9 8.2 12.4
122 15.8 13.6 20.4



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.285 min Scan# 2835
Delta R.T. 0.000 min
Lab File: BN033708.D
Acq: 30 Aug 2024 16:47

Tgt Ion:264 Resp: 10563
Ion Ratio Lower Upper
264 100
260 25.7 20.7 31.1
265 85.0 69.9 104.9

