

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034100.D
 Acq On : 20 Sep 2024 23:39
 Operator : JU/RC
 Sample : PB163408BL
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB163408BL

Quant Time: Sep 21 01:21:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5621	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	14448	0.400	ng	# 0.00
13) Acenaphthene-d10	14.083	164	8030	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	16330	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	10233	0.400	ng	0.00
35) Perylene-d12	23.180	264	8312	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	5294	0.332	ng	0.00
5) Phenol-d6	6.629	99	5059	0.273	ng	0.00
8) Nitrobenzene-d5	8.578	82	3565	0.323	ng	0.00
11) 2-Methylnaphthalene-d10	11.795	152	7031	0.330	ng	0.00
14) 2,4,6-Tribromophenol	15.592	330	454	0.125	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	11043	0.338	ng	0.00
27) Fluoranthene-d10	18.880	212	14910	0.362	ng	0.00
31) Terphenyl-d14	19.498	244	8989	0.440	ng	0.00

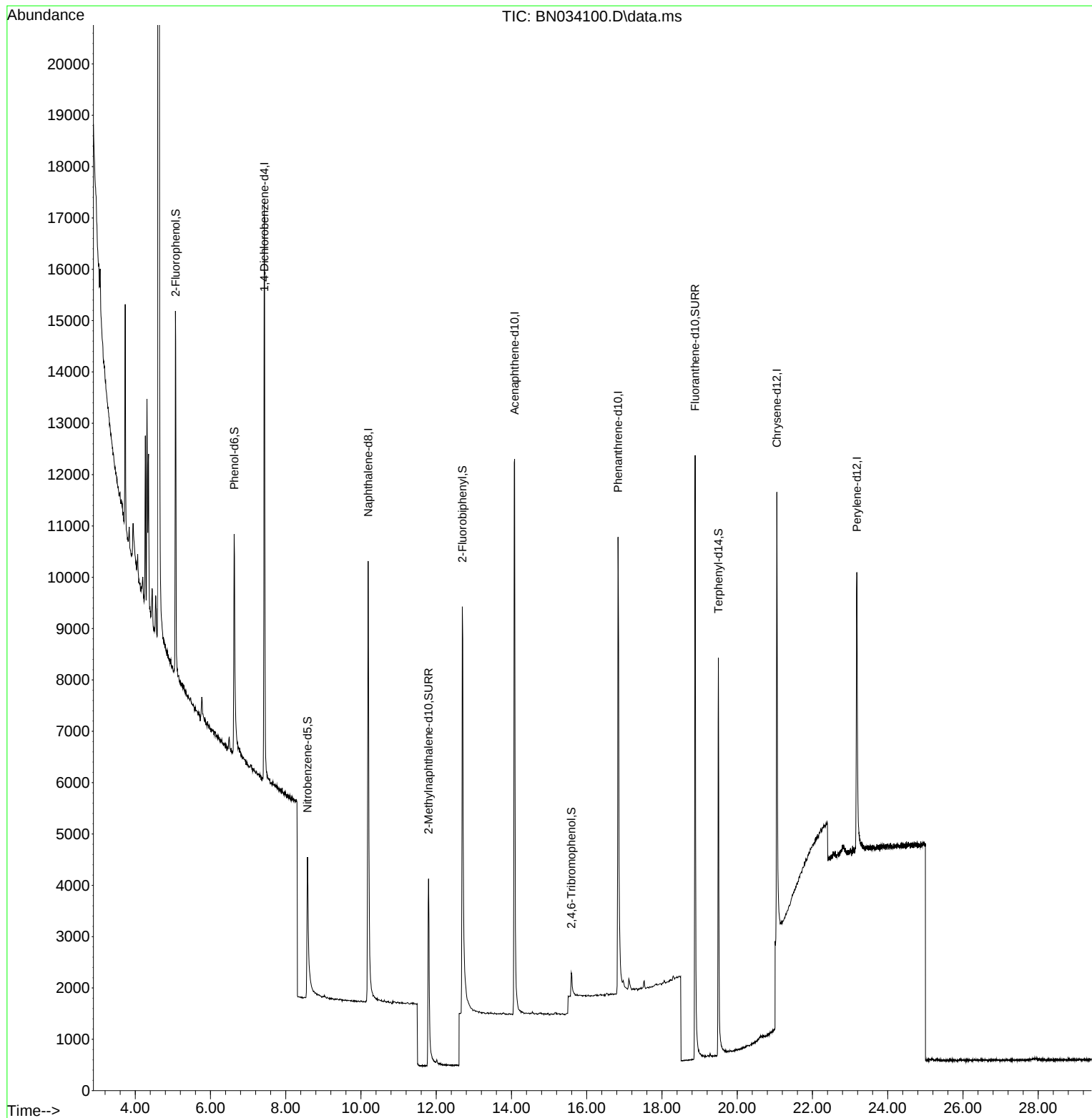
Target Compounds Qvalue

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

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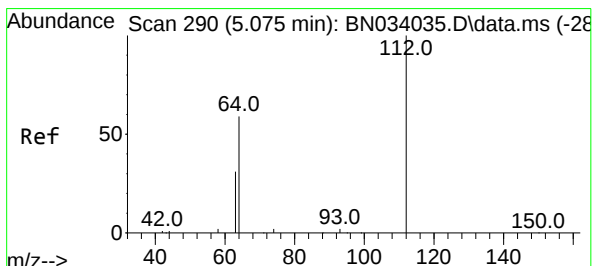
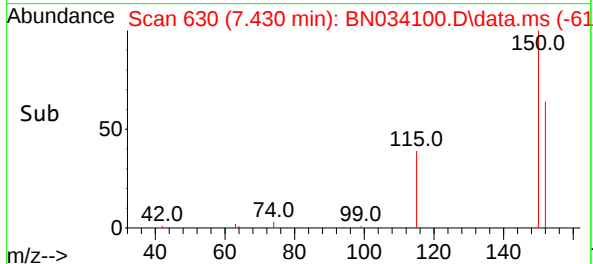
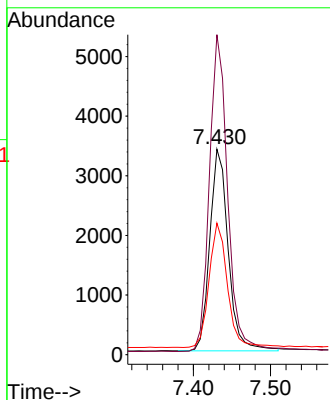
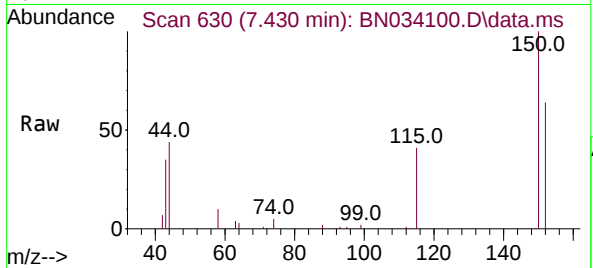




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

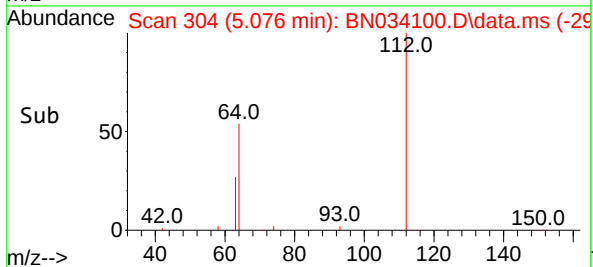
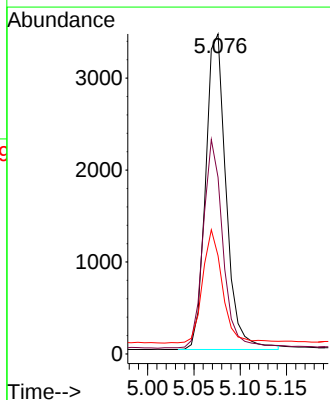
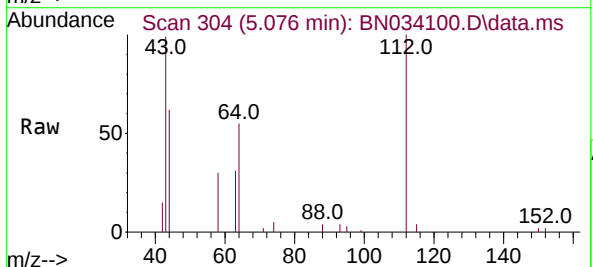
Instrument :
BNA_N
ClientSampleId :
PB163408BL

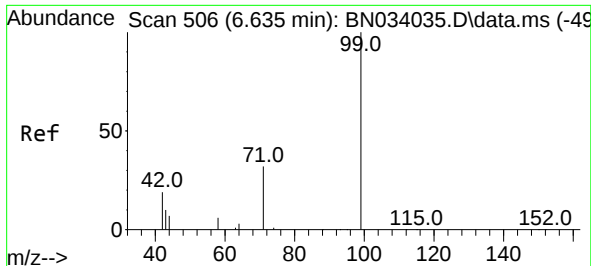
Tgt Ion:152 Resp: 5621
Ion Ratio Lower Upper
152 100
150 155.8 124.6 187.0
115 64.0 50.0 75.0



#4
2-Fluorophenol
Concen: 0.332 ng
RT: 5.076 min Scan# 304
Delta R.T. 0.001 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

Tgt Ion:112 Resp: 5294
Ion Ratio Lower Upper
112 100
64 63.8 48.6 72.8
63 34.9 25.6 38.4

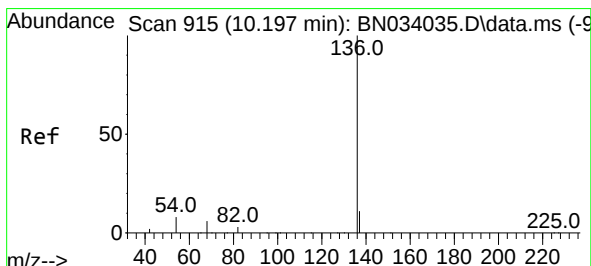
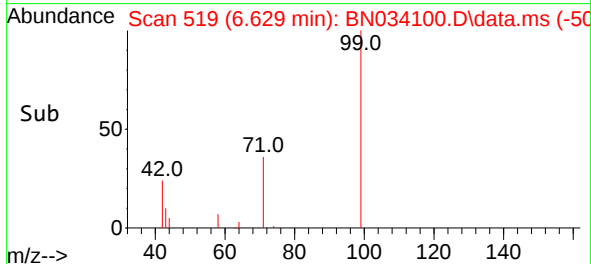
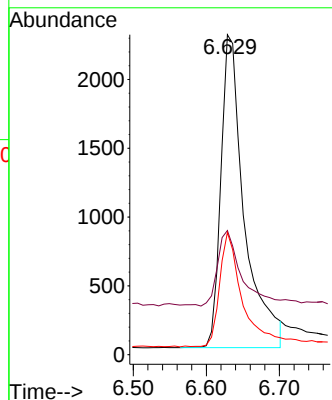
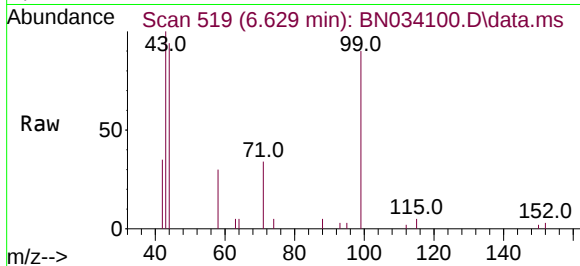




#5
Phenol-d6
Concen: 0.273 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

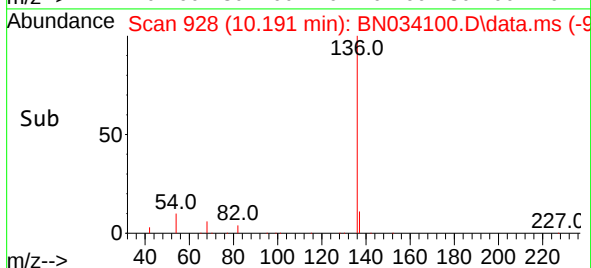
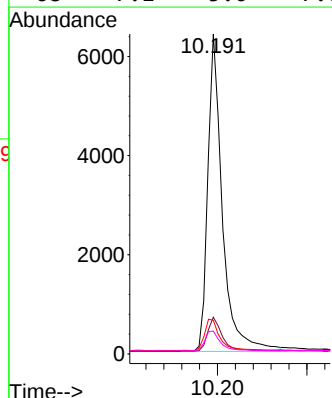
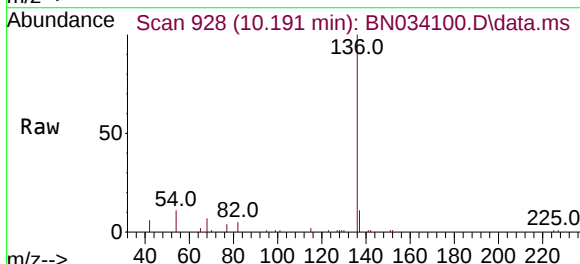
Instrument :
BNA_N
ClientSampleId :
PB163408BL

Tgt Ion:	99	Resp:	5059
Ion	Ratio	Lower	Upper
99	100		
42	24.6	17.8	26.8
71	35.1	26.2	39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 928
Delta R.T. -0.006 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

Tgt Ion:	136	Resp:	14448
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	10.6	6.8	10.2
68	7.1	5.0	7.6

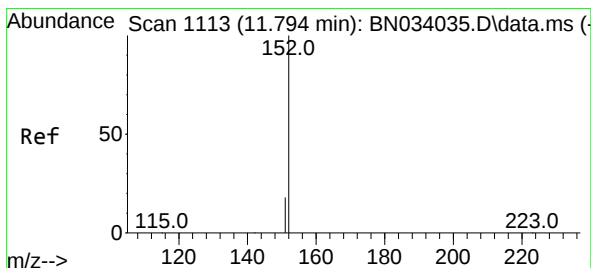
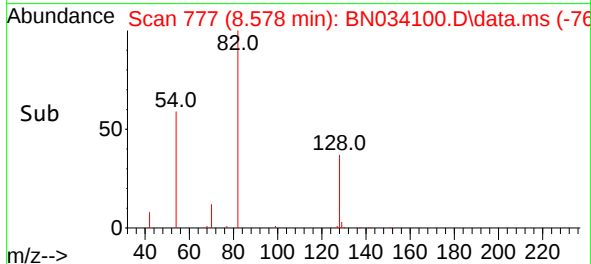
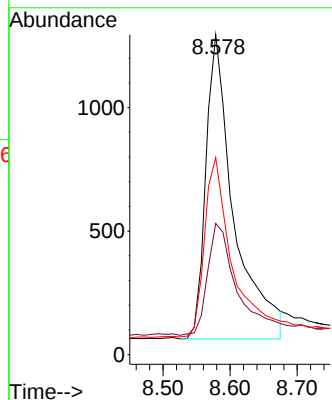
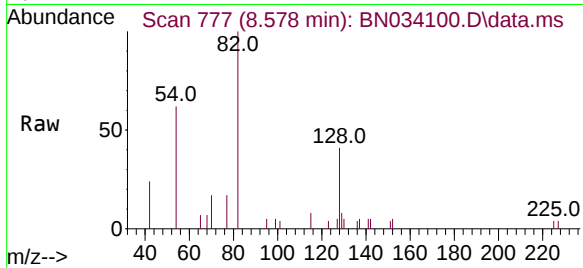




#8
Nitrobenzene-d5
Concen: 0.323 ng
RT: 8.578 min Scan# 71
Delta R.T. 0.005 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

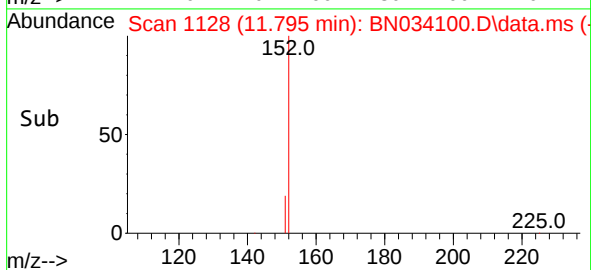
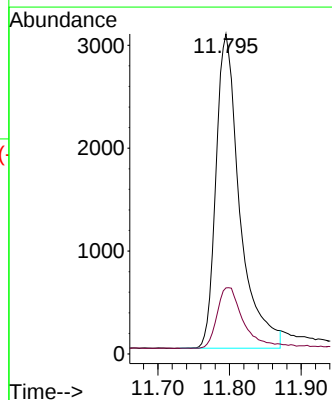
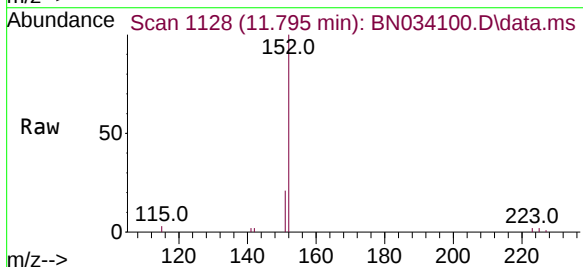
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ClientSampleId :
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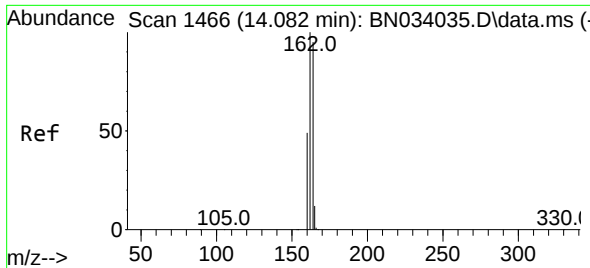
Tgt Ion: 82 Resp: 3565
Ion Ratio Lower Upper
82 100
128 41.0 31.4 47.2
54 61.5 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 11.795 min Scan# 1128
Delta R.T. 0.001 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

Tgt Ion:152 Resp: 7031
Ion Ratio Lower Upper
152 100
151 21.3 16.8 25.2

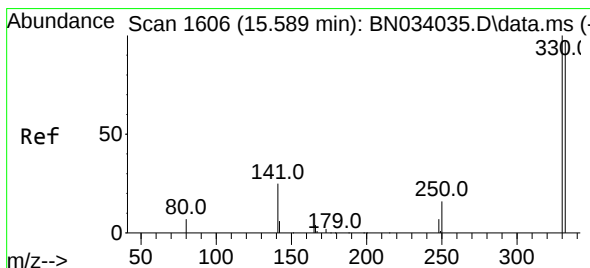
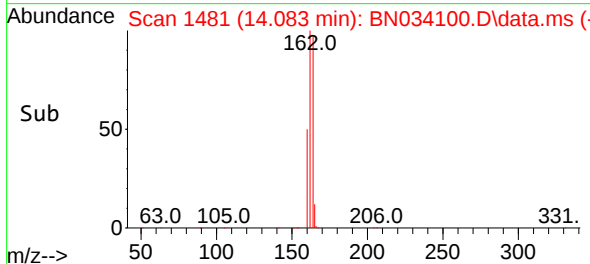
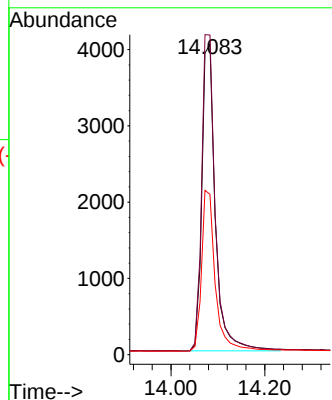
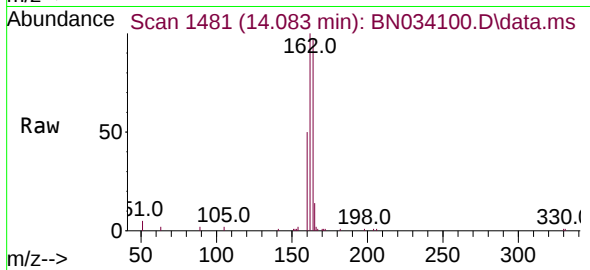




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.083 min Scan# 1466
Delta R.T. 0.001 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

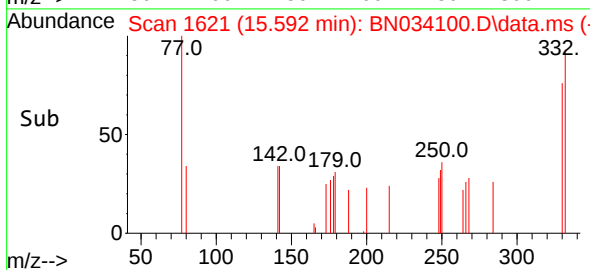
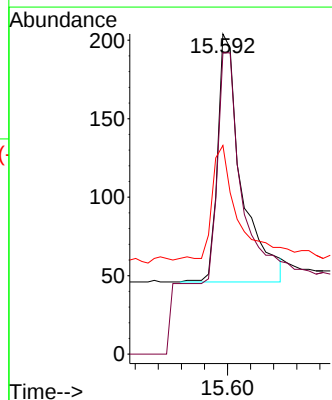
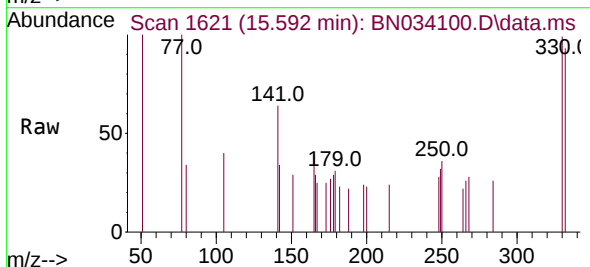
Instrument :
BNA_N
ClientSampleId :
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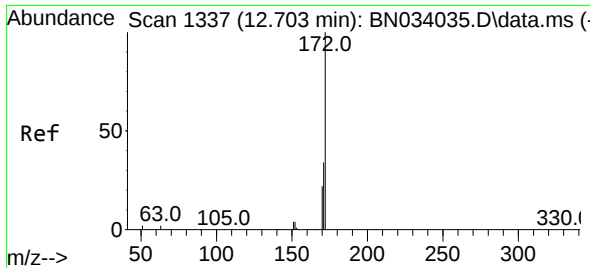
Tgt Ion:164 Resp: 8030
Ion Ratio Lower Upper
164 100
162 102.9 84.2 126.2
160 51.6 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.125 ng
RT: 15.592 min Scan# 1621
Delta R.T. 0.003 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

Tgt Ion:330 Resp: 454
Ion Ratio Lower Upper
330 100
332 94.3 77.4 116.0
141 45.4 35.9 53.9

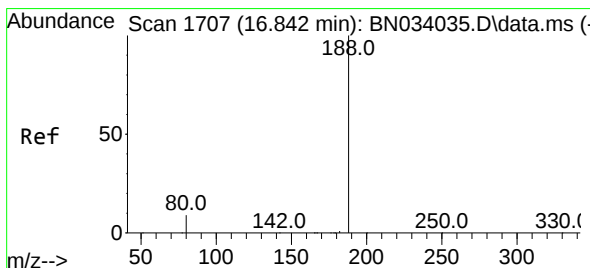
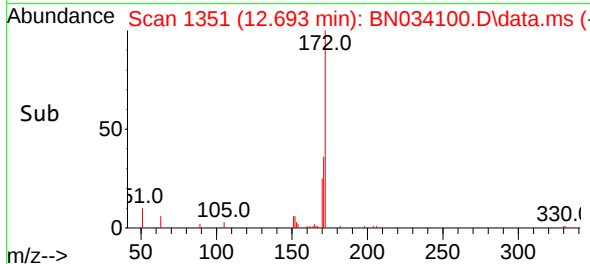
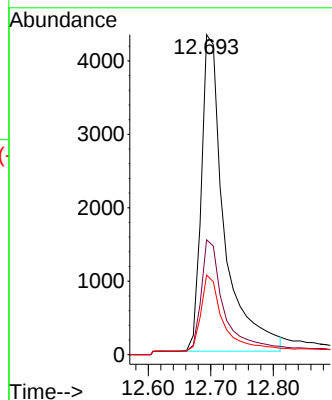
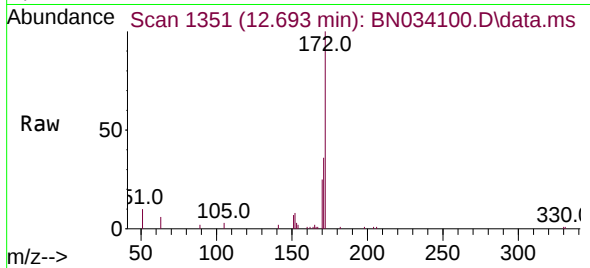




#15
2-Fluorobiphenyl
Concen: 0.338 ng
RT: 12.693 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

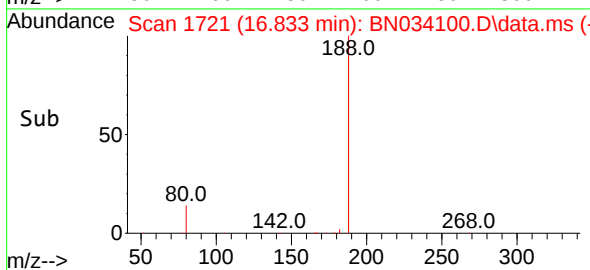
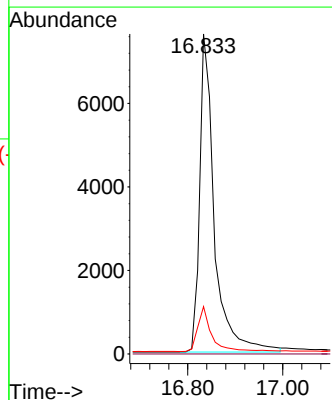
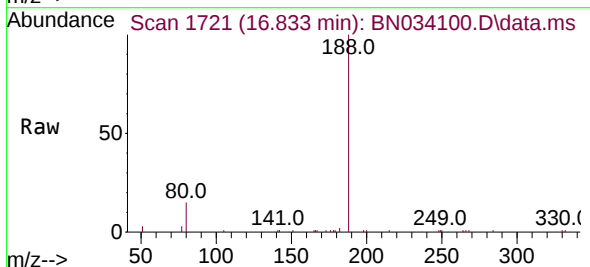
Instrument :
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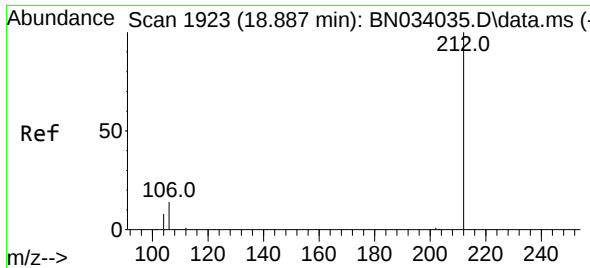
Tgt Ion:172 Resp: 11043
Ion Ratio Lower Upper
172 100
171 35.9 27.3 40.9
170 24.9 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 1721
Delta R.T. -0.009 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

Tgt Ion:188 Resp: 16330
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.8 7.4 11.0#

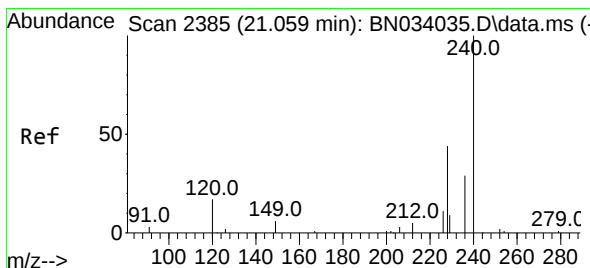
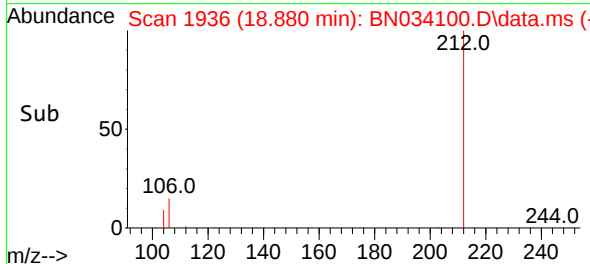
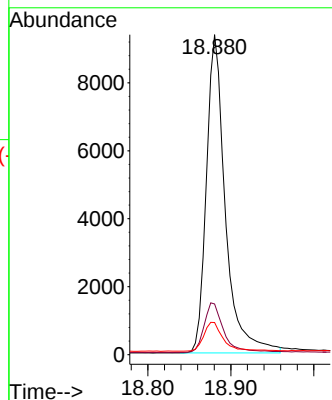
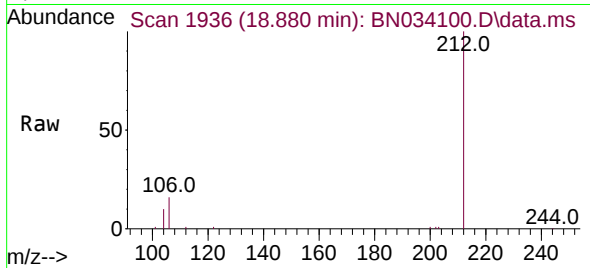




#27
Fluoranthene-d10
Concen: 0.362 ng
RT: 18.880 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

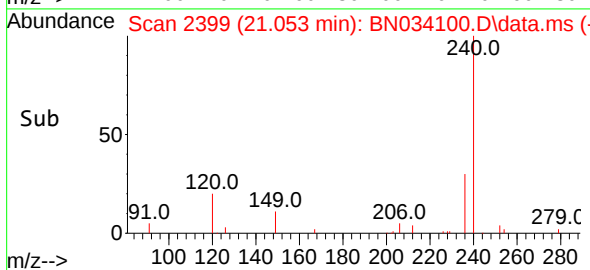
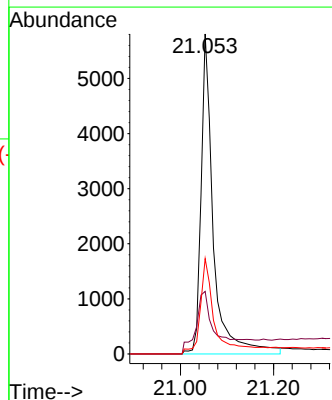
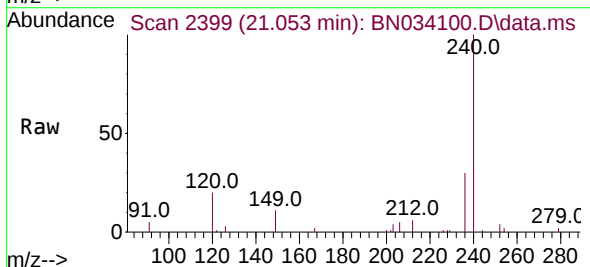
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BNA_N
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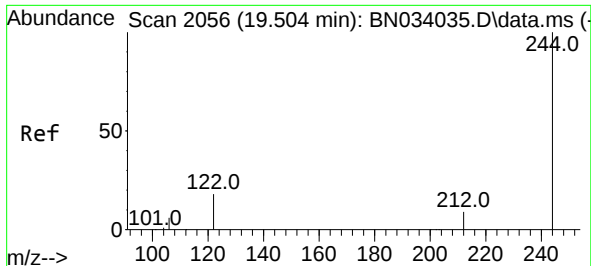
Tgt Ion:212 Resp: 14910
Ion Ratio Lower Upper
212 100
106 16.1 13.4 20.2
104 9.4 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

Tgt Ion:240 Resp: 10233
Ion Ratio Lower Upper
240 100
120 19.5 13.5 20.3
236 29.8 23.4 35.0

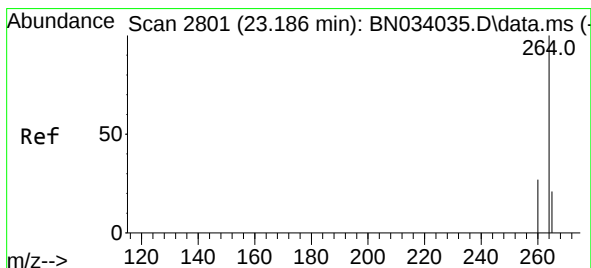
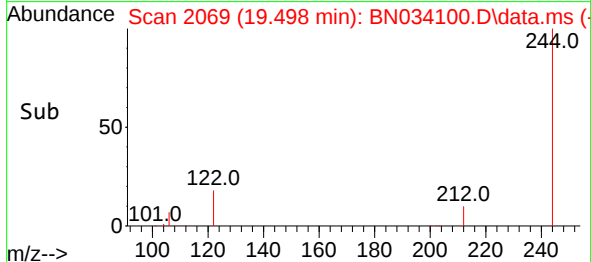
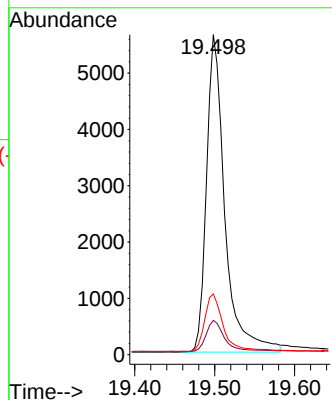
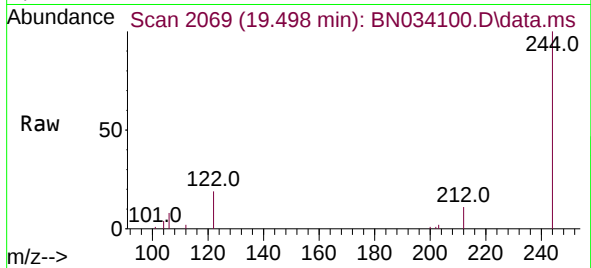




#31
Terphenyl-d14
Concen: 0.440 ng
RT: 19.498 min Scan# 2056
Delta R.T. -0.006 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

Instrument :
BNA_N
ClientSampleId :
PB163408BL

Tgt Ion:244 Resp: 8989
Ion Ratio Lower Upper
244 100
212 10.7 7.8 11.6
122 19.0 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.180 min Scan# 2815
Delta R.T. -0.006 min
Lab File: BN034100.D
Acq: 20 Sep 2024 23:39

Tgt Ion:264 Resp: 8312
Ion Ratio Lower Upper
264 100
260 26.7 21.7 32.5
265 96.1 52.1 78.1#

