

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034468.D
 Acq On : 08 Oct 2024 13:08
 Operator : RC/JU
 Sample : PB163839BL
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB163839BL

Quant Time: Oct 08 14:09:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

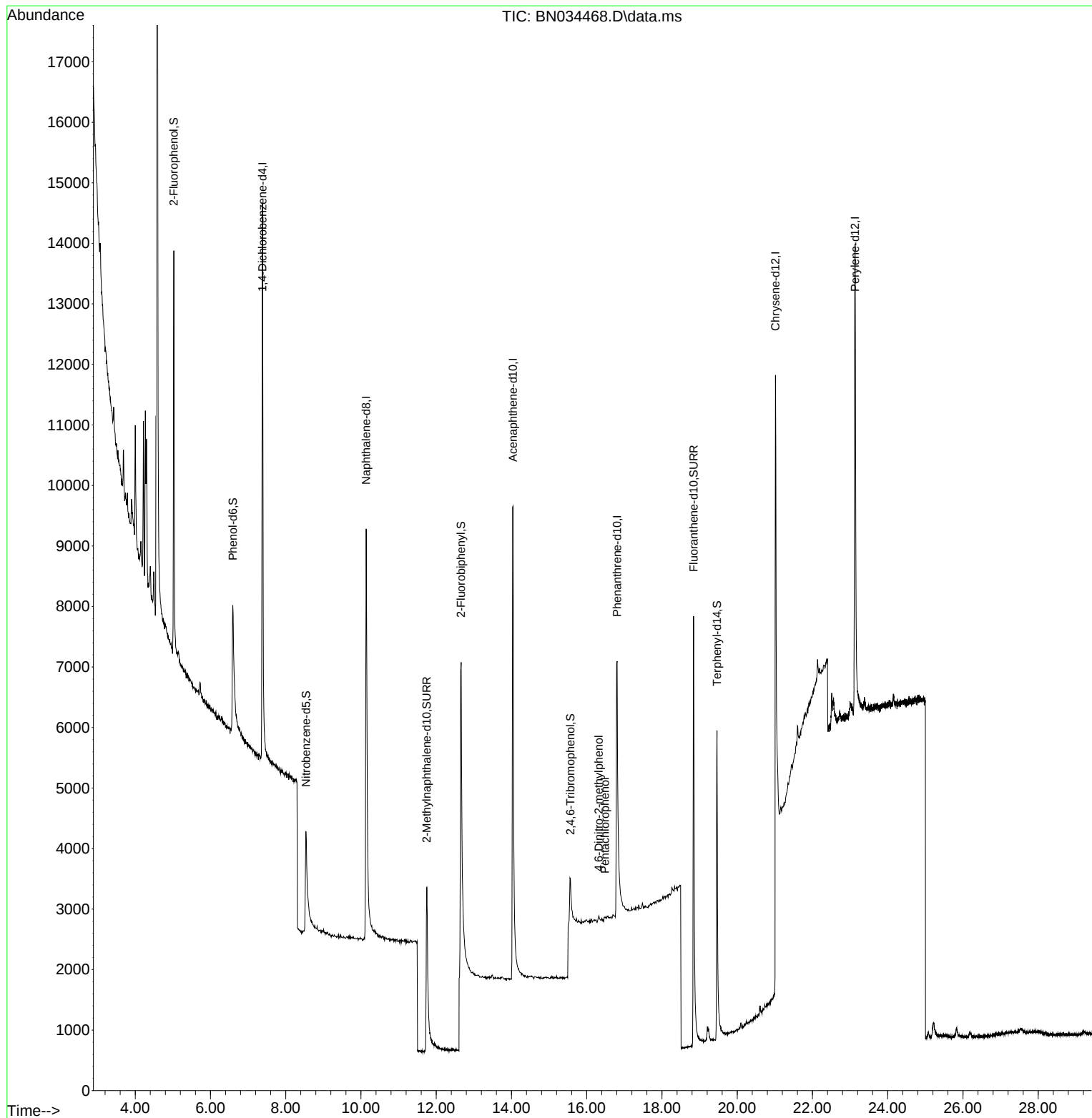
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	5371	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	14280	0.400	ng	-0.01
13) Acenaphthene-d10	14.040	164	7333	0.400	ng	0.00
19) Phenanthrene-d10	16.808	188	12040	0.400	ng	0.00
29) Chrysene-d12	21.017	240	10785	0.400	ng	0.00
35) Perylene-d12	23.130	264	11785	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.025	112	5382	0.353	ng	0.00
5) Phenol-d6	6.593	99	3908	0.220	ng	0.00
8) Nitrobenzene-d5	8.536	82	2920	0.267	ng	0.00
11) 2-Methylnaphthalene-d10	11.746	152	6810	0.323	ng	0.00
14) 2,4,6-Tribromophenol	15.567	330	881	0.265	ng	0.02
15) 2-Fluorobiphenyl	12.661	172	9232	0.310	ng	0.00
27) Fluoranthene-d10	18.839	212	11316	0.373	ng	0.00
31) Terphenyl-d14	19.461	244	7393	0.343	ng	0.00
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	16.324	198	7	0.141	ng	# 1
24) Pentachlorophenol	16.486	266	98	0.039	ng	# 55

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

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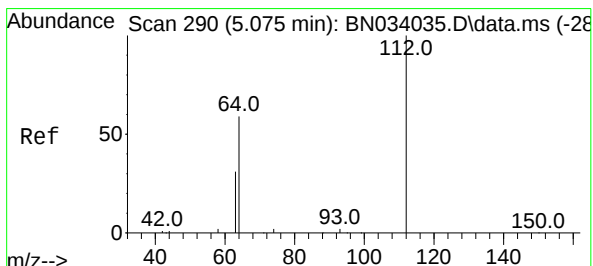
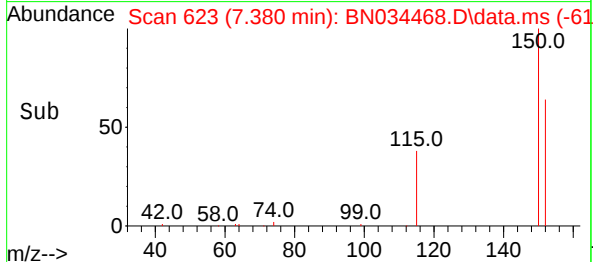
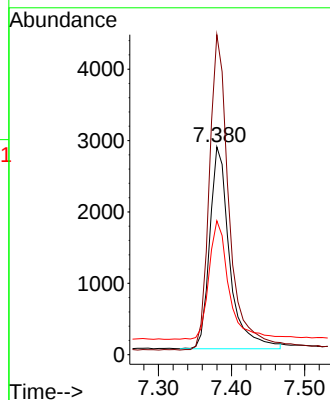
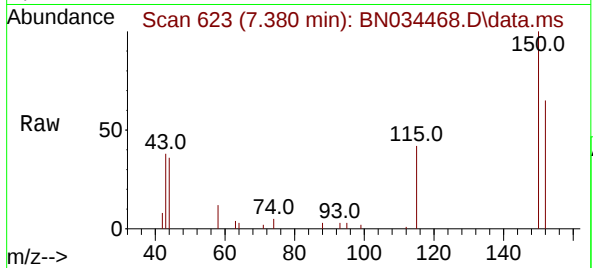




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

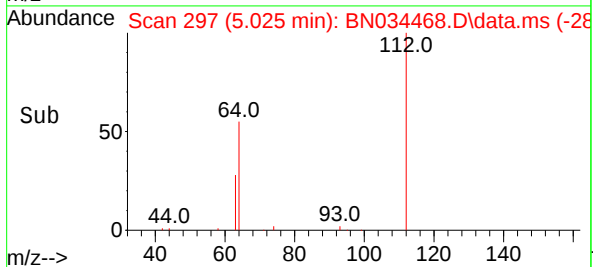
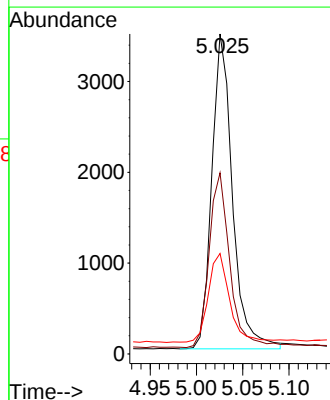
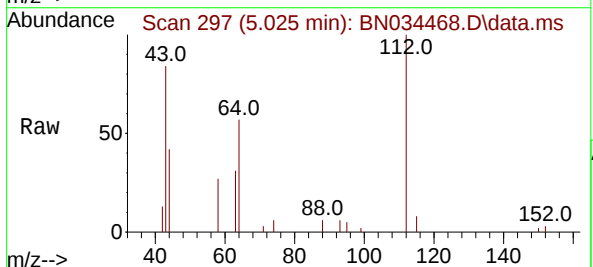
Instrument :
BNA_N
ClientSampleId :
PB163839BL

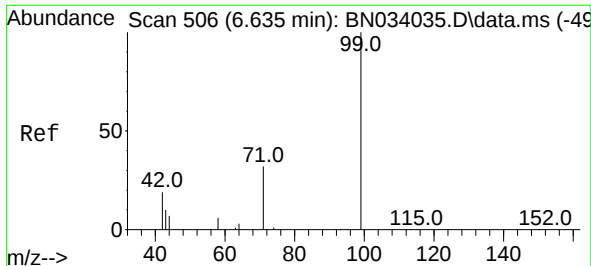
Tgt Ion:152 Resp: 5371
Ion Ratio Lower Upper
152 100
150 154.0 124.6 187.0
115 64.5 50.0 75.0



#4
2-Fluorophenol
Concen: 0.353 ng
RT: 5.025 min Scan# 297
Delta R.T. -0.007 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

Tgt Ion:112 Resp: 5382
Ion Ratio Lower Upper
112 100
64 55.1 48.6 72.8
63 29.2 25.6 38.4

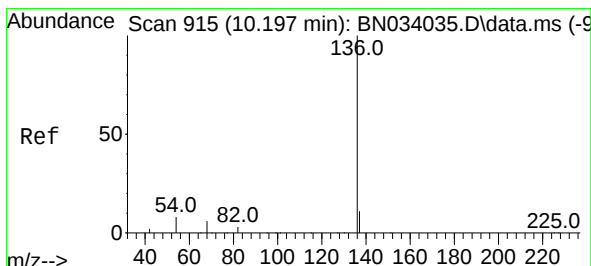
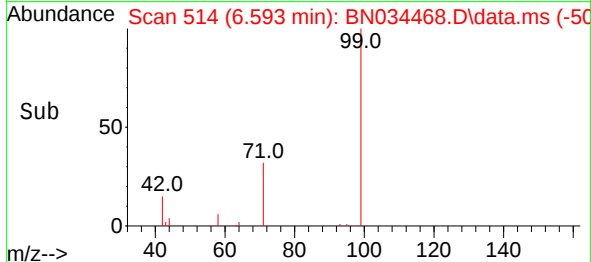
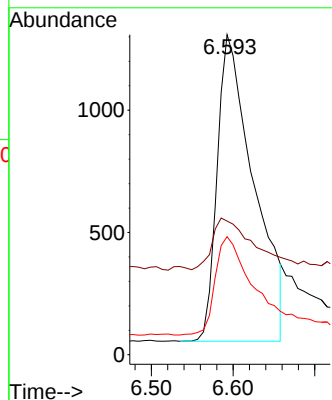
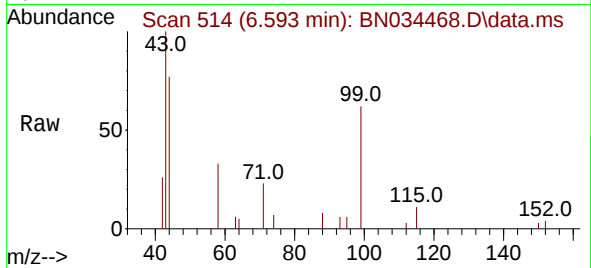




#5
Phenol-d6
Concen: 0.220 ng
RT: 6.593 min Scan# 514
Delta R.T. -0.007 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

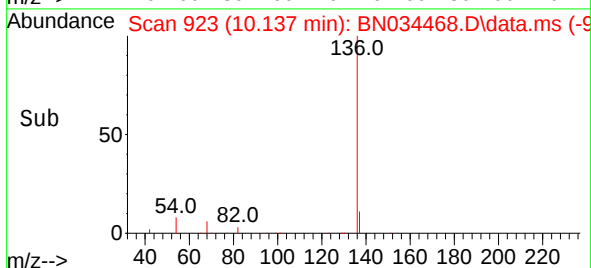
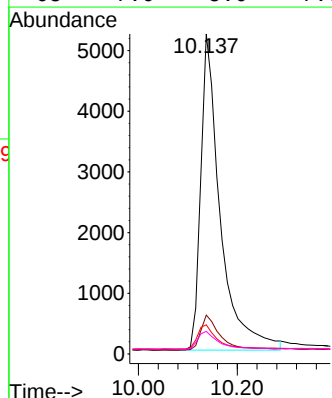
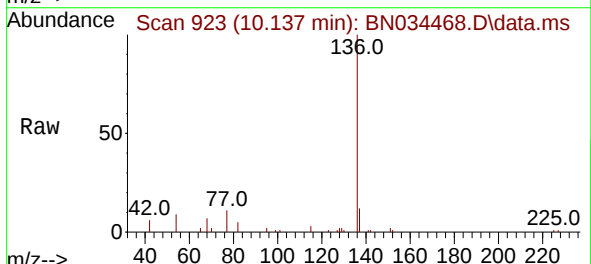
Instrument :
BNA_N
ClientSampleId :
PB163839BL

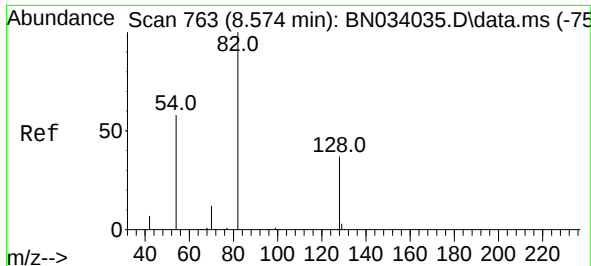
Tgt Ion: 99 Resp: 3908
Ion Ratio Lower Upper
99 100
42 18.1 17.8 26.8
71 32.8 26.2 39.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 923
Delta R.T. -0.011 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

Tgt Ion: 136 Resp: 14280
Ion Ratio Lower Upper
136 100
137 12.2 9.0 13.6
54 9.1 6.8 10.2
68 7.0 5.0 7.6

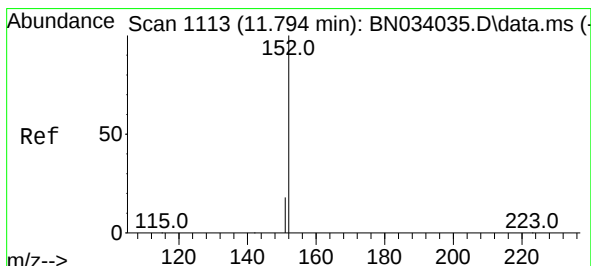
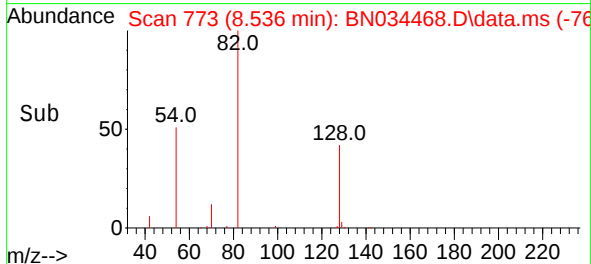
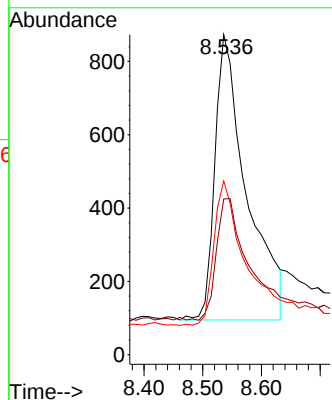
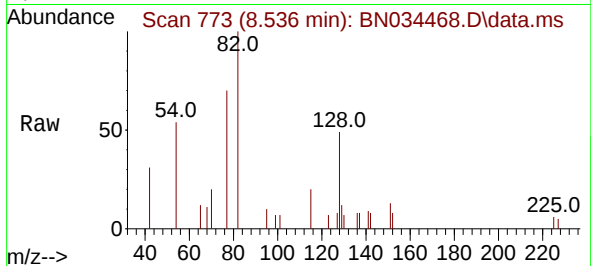




#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 8.536 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

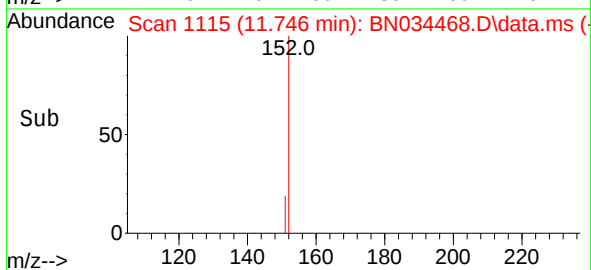
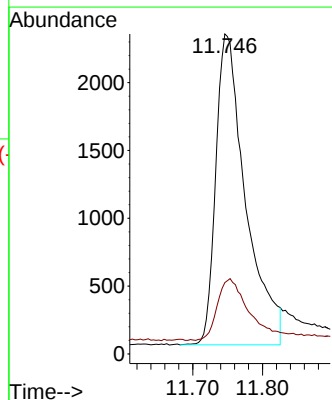
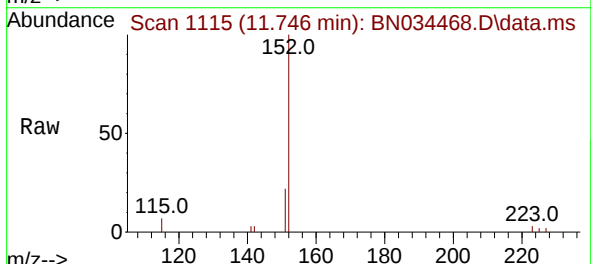
Instrument :
BNA_N
ClientSampleId :
PB163839BL

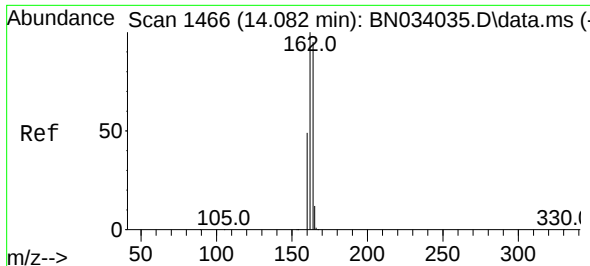
Tgt Ion: 82 Resp: 2920
Ion Ratio Lower Upper
82 100
128 48.7 31.4 47.2#
54 54.3 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.746 min Scan# 1115
Delta R.T. -0.007 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

Tgt Ion: 152 Resp: 6810
Ion Ratio Lower Upper
152 100
151 0.0 16.8 25.2#

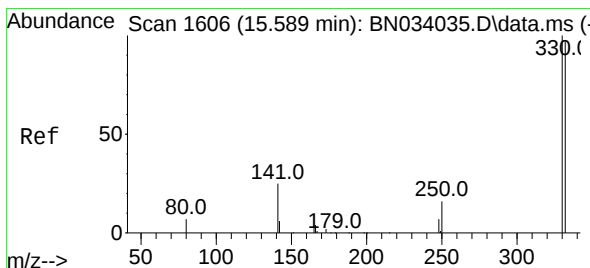
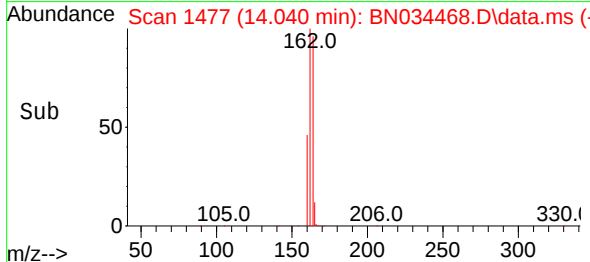
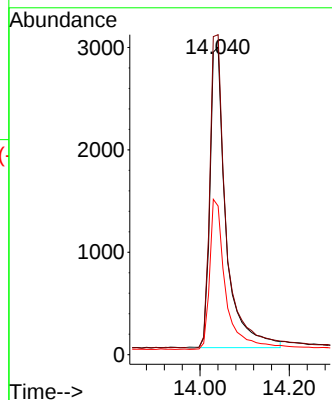
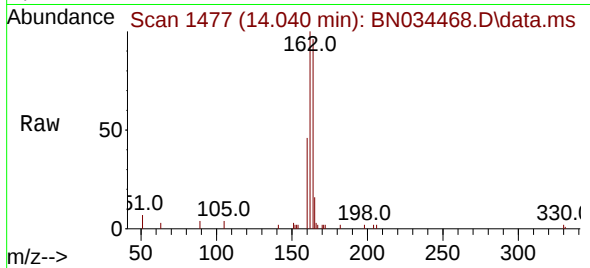




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.040 min Scan# 14
Delta R.T. -0.007 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

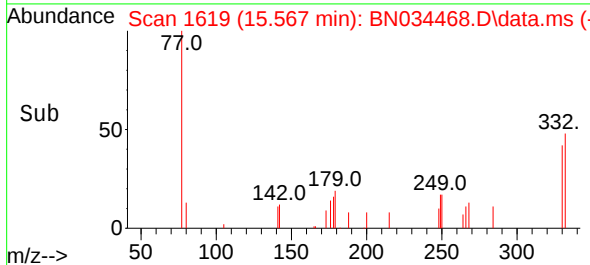
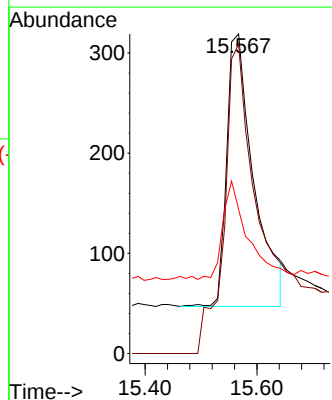
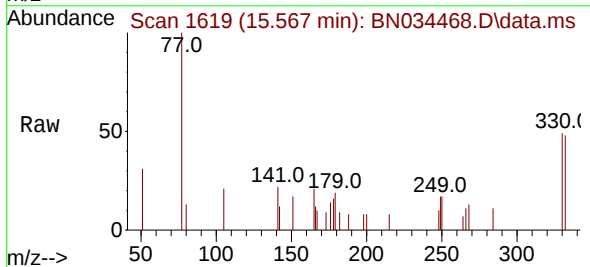
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ClientSampleId :
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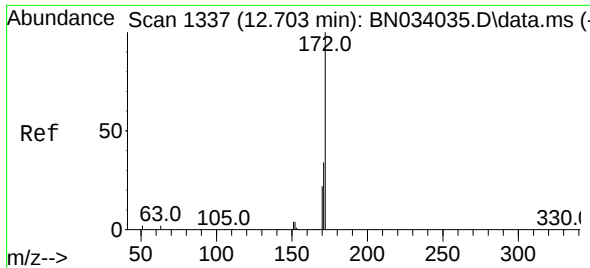
Tgt Ion:164 Resp: 7333
Ion Ratio Lower Upper
164 100
162 104.1 84.2 126.2
160 48.4 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.265 ng
RT: 15.567 min Scan# 1619
Delta R.T. 0.018 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

Tgt Ion:330 Resp: 881
Ion Ratio Lower Upper
330 100
332 140.5 77.4 116.0#
141 33.7 35.9 53.9#

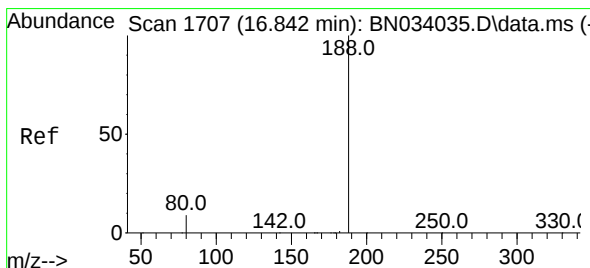
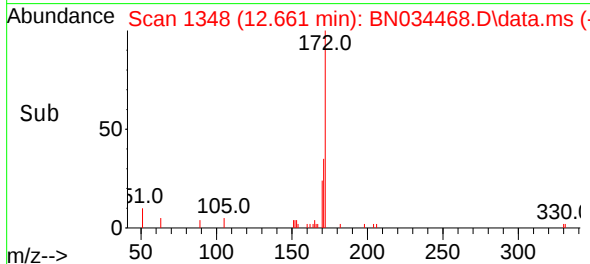
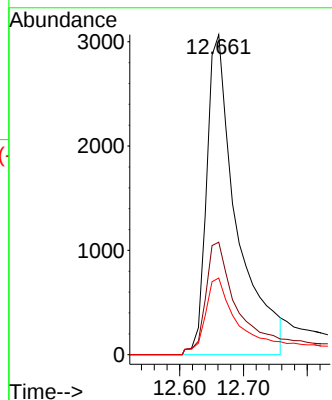
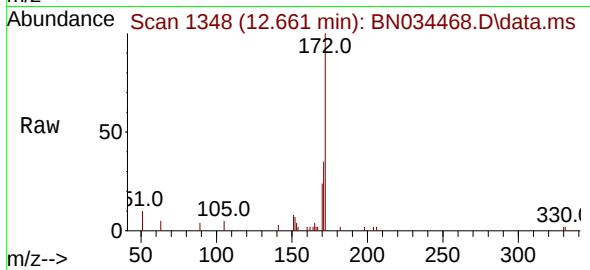




#15
2-Fluorobiphenyl
Concen: 0.310 ng
RT: 12.661 min Scan# 1337
Delta R.T. 0.004 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

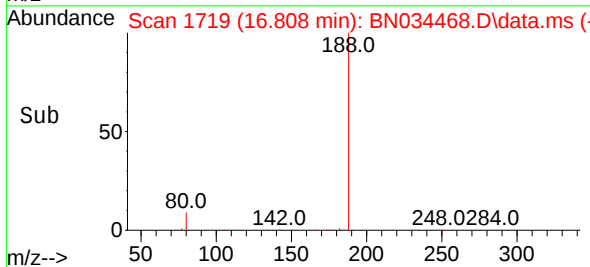
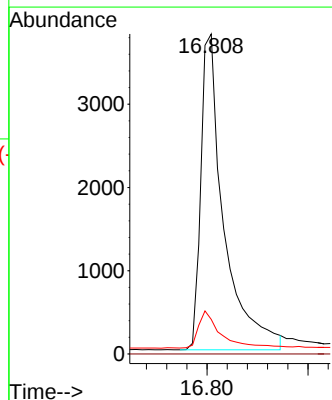
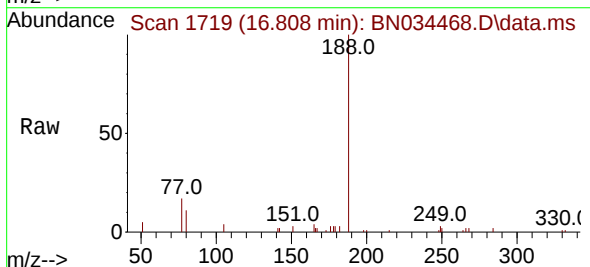
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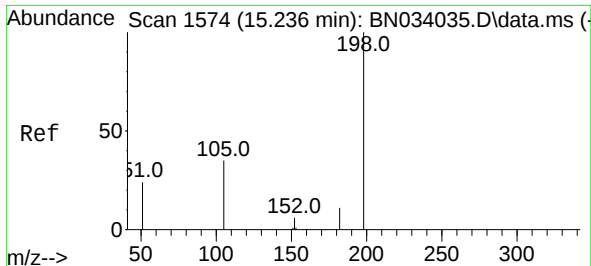
Tgt Ion:172 Resp: 9232
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 24.0 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.808 min Scan# 1719
Delta R.T. 0.006 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

Tgt Ion:188 Resp: 12040
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.8 7.4 11.0

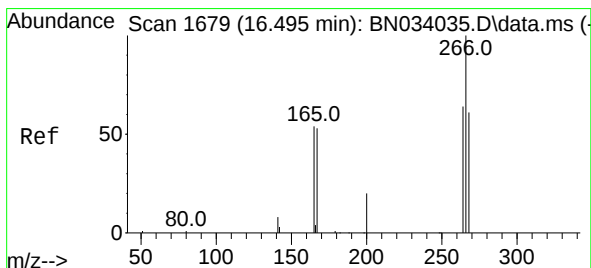
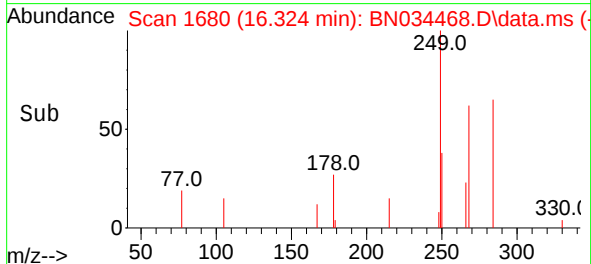
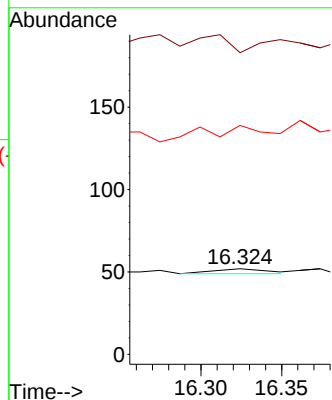
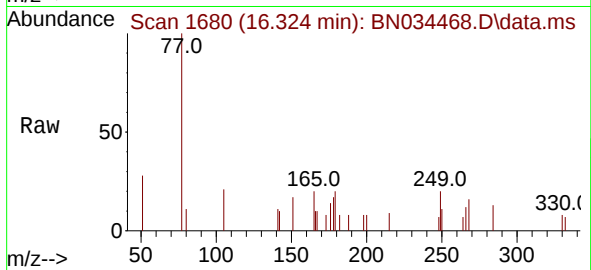




#20
4,6-Dinitro-2-methylphenol
Concen: 0.141 ng
RT: 16.324 min Scan# 1680
Delta R.T. 0.018 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

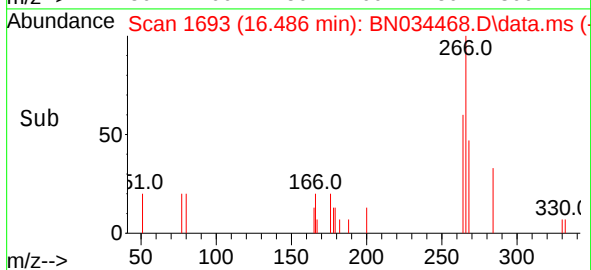
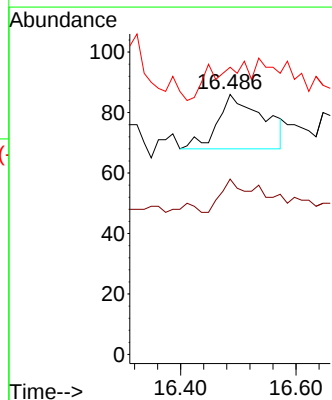
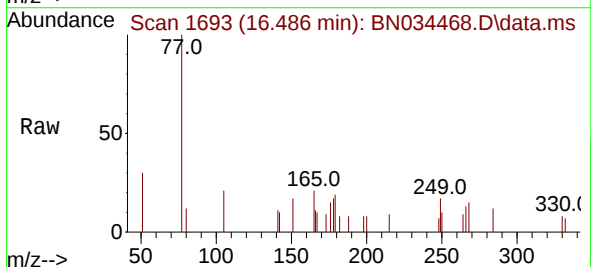
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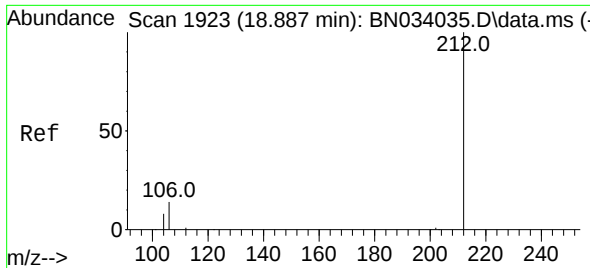
Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 351.9 106.4 159.6#
105 267.3 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.039 ng
RT: 16.486 min Scan# 1693
Delta R.T. 0.018 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

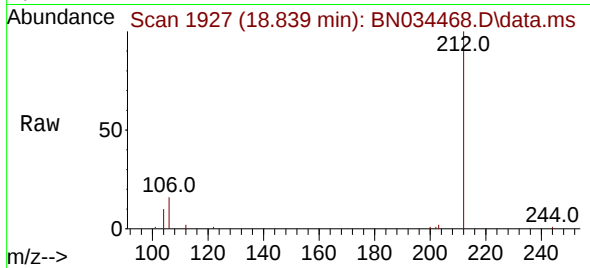
Tgt Ion:266 Resp: 98
Ion Ratio Lower Upper
266 100
264 48.0 50.2 75.2#
268 9.2 51.0 76.4#



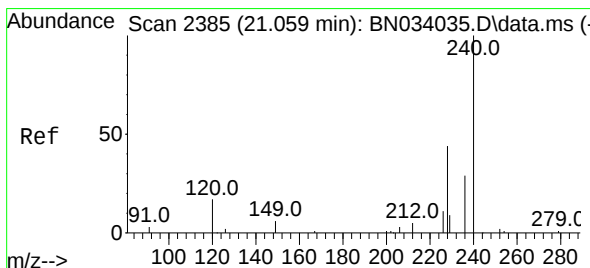
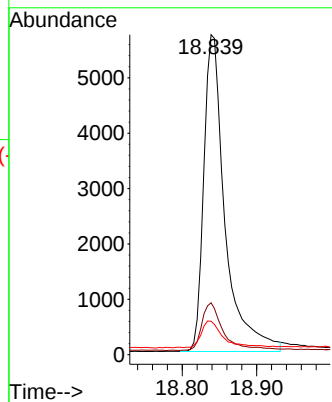
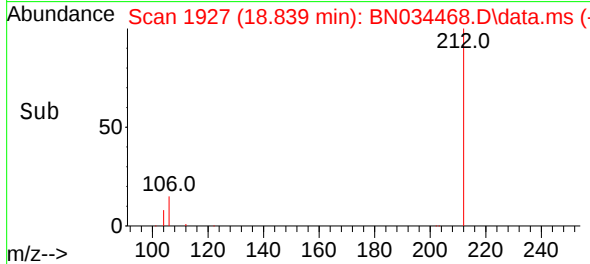


#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 18.839 min Scan# 1927
Delta R.T. -0.007 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

Instrument :
BNA_N
ClientSampleId :
PB163839BL

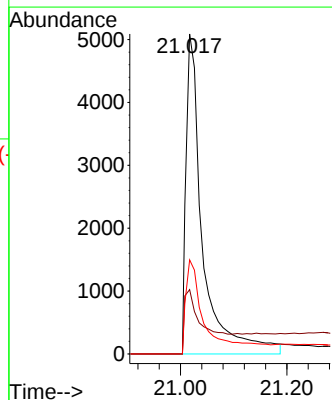
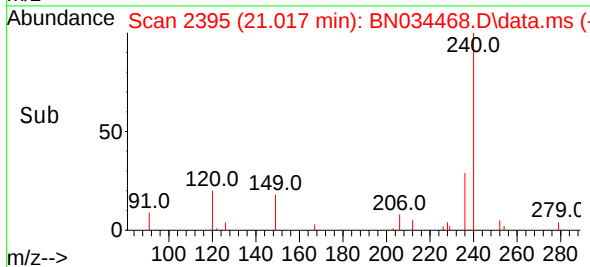
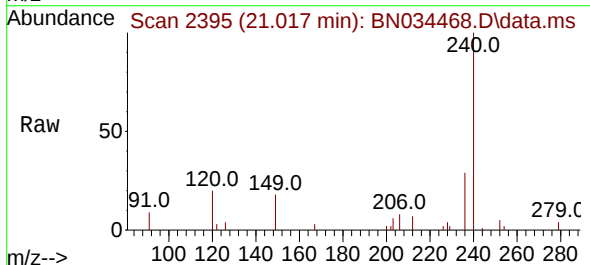


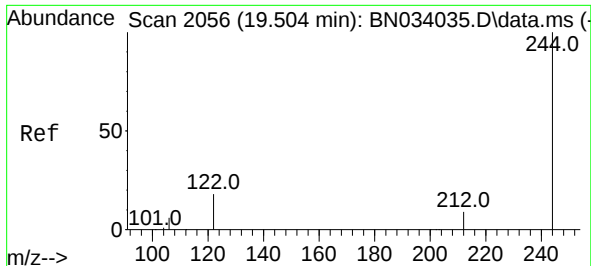
Tgt Ion:212 Resp: 11316
Ion Ratio Lower Upper
212 100
106 15.0 13.4 20.2
104 8.8 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.017 min Scan# 2395
Delta R.T. 0.002 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

Tgt Ion:240 Resp: 10785
Ion Ratio Lower Upper
240 100
120 20.1 13.5 20.3
236 29.4 23.4 35.0

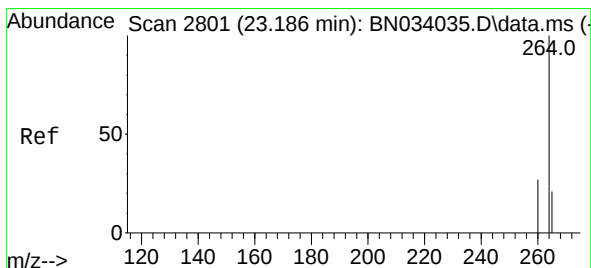
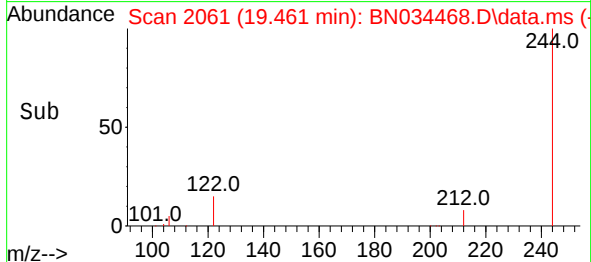
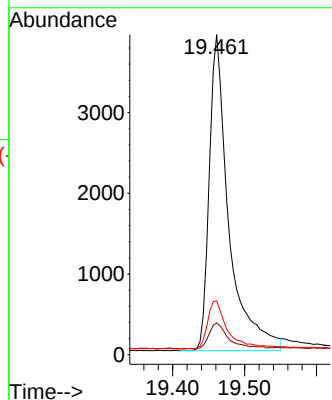
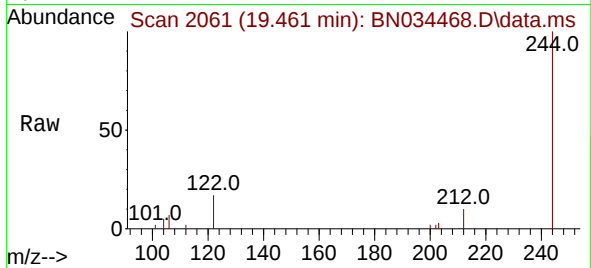




#31
Terphenyl-d14
Concen: 0.343 ng
RT: 19.461 min Scan# 2056
Delta R.T. -0.007 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

Instrument :
BNA_N
ClientSampleId :
PB163839BL

Tgt Ion:244 Resp: 7393
Ion Ratio Lower Upper
244 100
212 9.9 7.8 11.6
122 16.8 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.130 min Scan# 2798
Delta R.T. 0.002 min
Lab File: BN034468.D
Acq: 08 Oct 2024 13:08

Tgt Ion:264 Resp: 11785
Ion Ratio Lower Upper
264 100
260 26.3 21.7 32.5
265 92.7 52.1 78.1#

