

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034546.D
 Acq On : 11 Oct 2024 07:27
 Operator : RC/JU
 Sample : P4231-01DL 2X
 Misc :
 ALS Vial : 122 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT101D-20240924DL

Quant Time: Oct 11 07:57:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

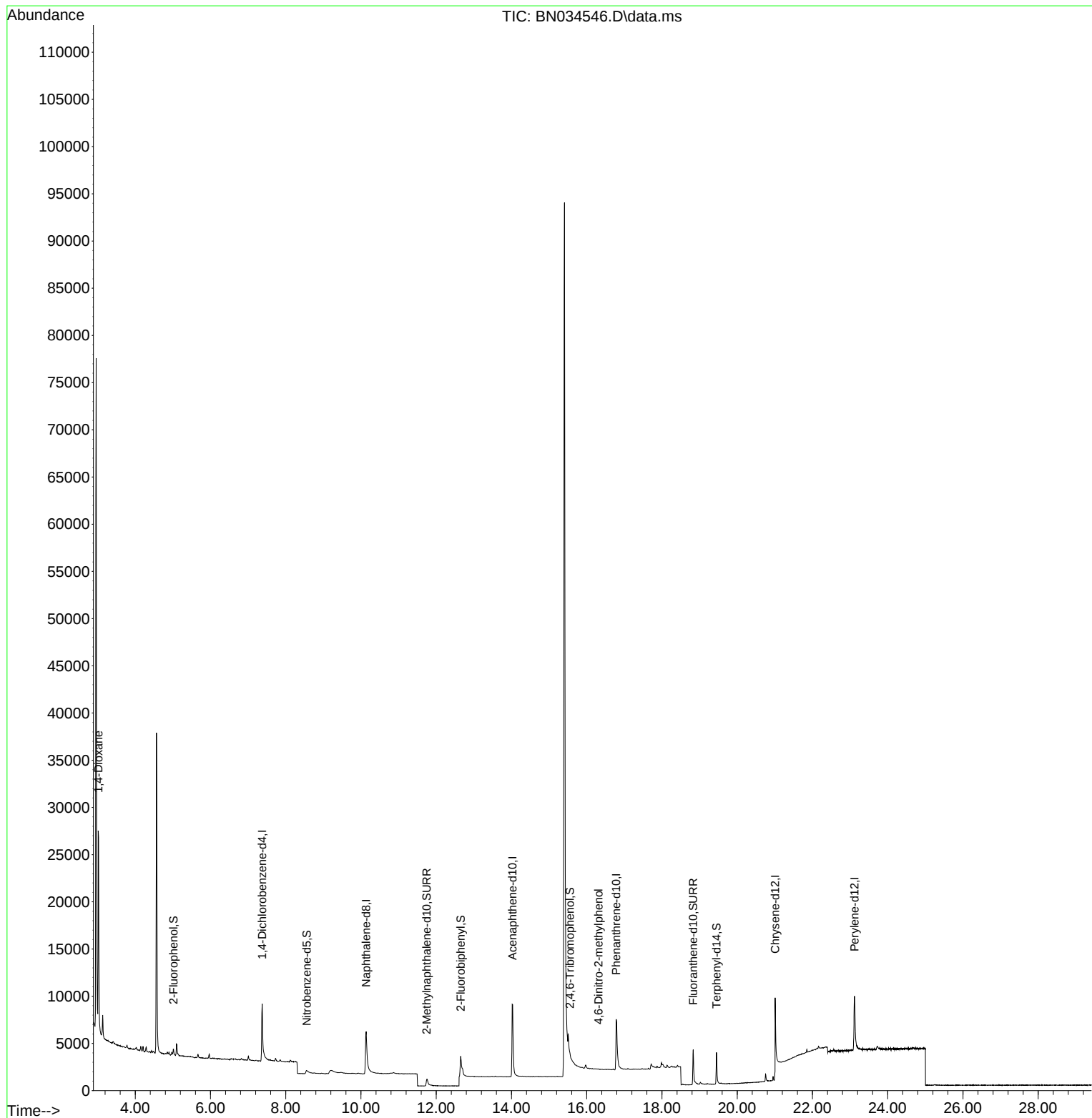
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3893	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	11437	0.400	ng	0.01
13) Acenaphthene-d10	14.030	164	6850	0.400	ng	0.01
19) Phenanthrene-d10	16.783	188	12995	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	7759	0.400	ng	0.00
35) Perylene-d12	23.116	264	9721	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	558	0.051	ng	0.00
5) Phenol-d6	6.593	99	52	0.004	ng	0.02
8) Nitrobenzene-d5	8.557	82	693	0.079	ng	0.04
11) 2-Methylnaphthalene-d10	11.750	152	2042	0.121	ng	0.02
14) 2,4,6-Tribromophenol	15.555	330	310	0.100	ng	0.02
15) 2-Fluorobiphenyl	12.651	172	4063	0.146	ng	0.01
27) Fluoranthene-d10	18.829	212	5441	0.166	ng	0.00
31) Terphenyl-d14	19.452	244	4123	0.266	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	13138	2.699	ng	98
20) 4,6-Dinitro-2-methylph...	16.312	198	1	0.138	ng	# 1

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

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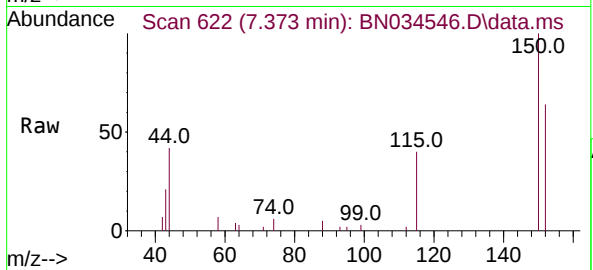
Quant Time: Oct 11 07:57:28 2024
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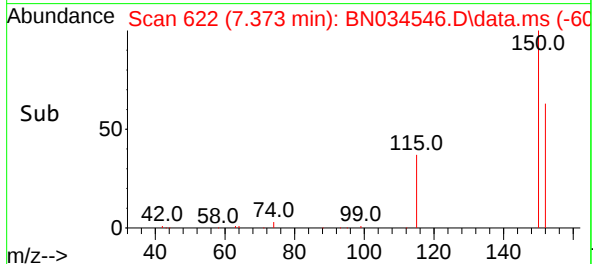
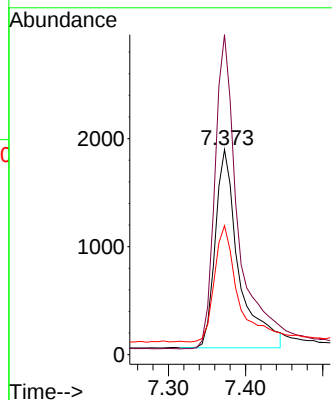


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Instrument :
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TT101D-20240924DL

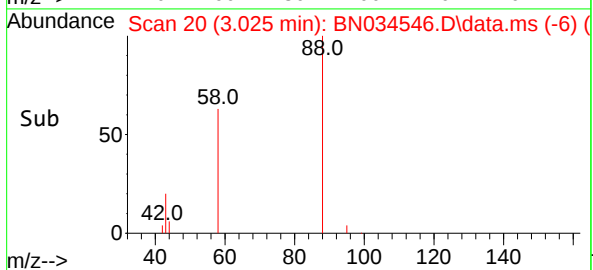
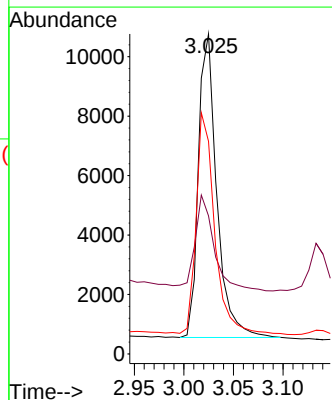
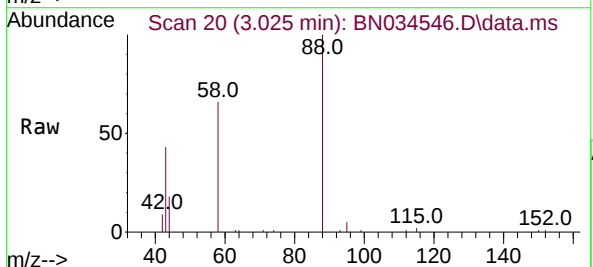


Tgt Ion:152 Resp: 3893
Ion Ratio Lower Upper
152 100
150 156.0 124.6 187.0
115 62.9 50.0 75.0



#2
1,4-Dioxane
Concen: 2.699 ng
RT: 3.025 min Scan# 20
Delta R.T. -0.000 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Tgt Ion: 88 Resp: 13138
Ion Ratio Lower Upper
88 100
43 33.4 25.8 38.8
58 72.4 58.8 88.2

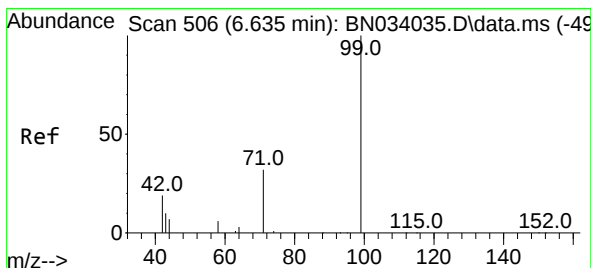
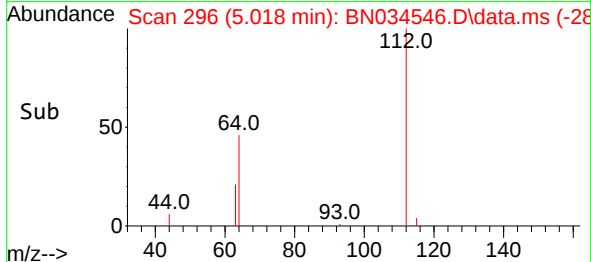
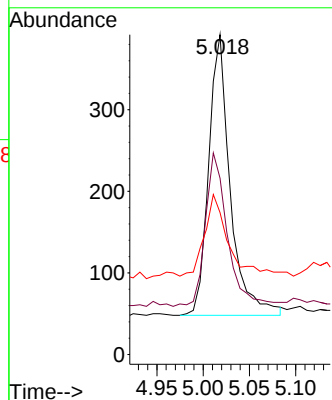
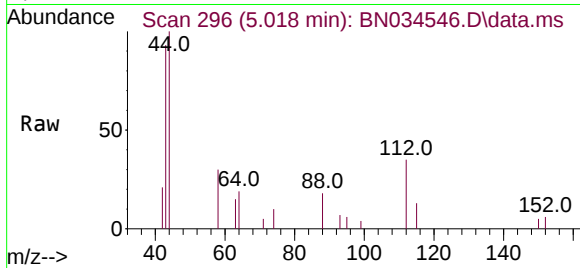




#4
2-Fluorophenol
Concen: 0.051 ng
RT: 5.018 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

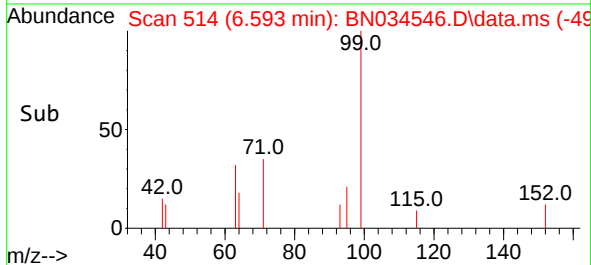
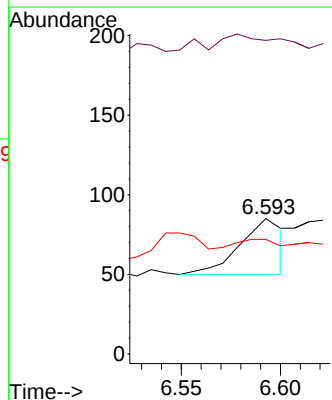
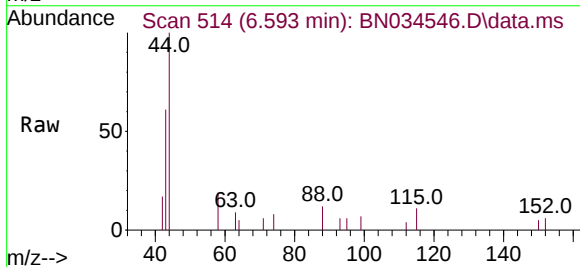
Instrument :
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ClientSampleId :
TT101D-20240924DL

Tgt Ion:112 Resp: 558
Ion Ratio Lower Upper
112 100
64 55.7 48.6 72.8
63 31.9 25.6 38.4



#5
Phenol-d6
Concen: 0.004 ng
RT: 6.593 min Scan# 514
Delta R.T. 0.022 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Tgt Ion: 99 Resp: 52
Ion Ratio Lower Upper
99 100
42 50.0 17.8 26.8#
71 15.4 26.2 39.2#

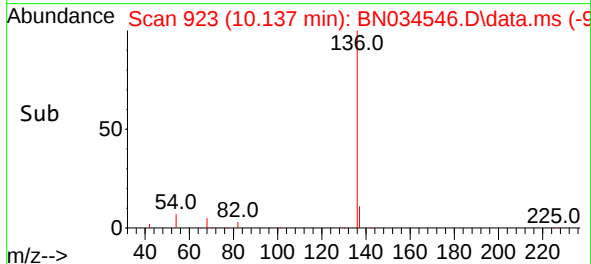
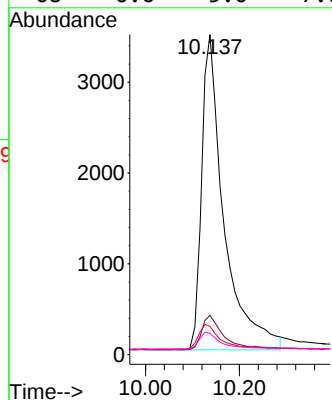
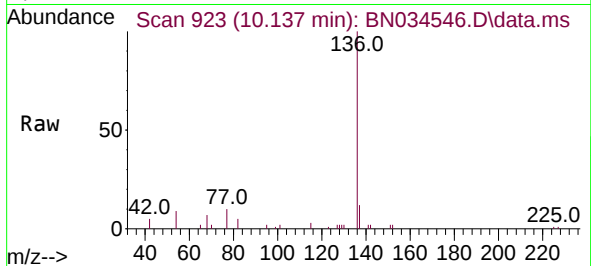




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 915
Delta R.T. 0.011 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

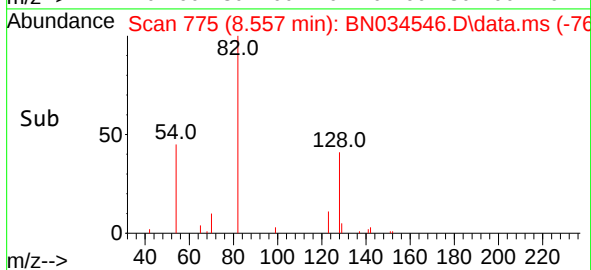
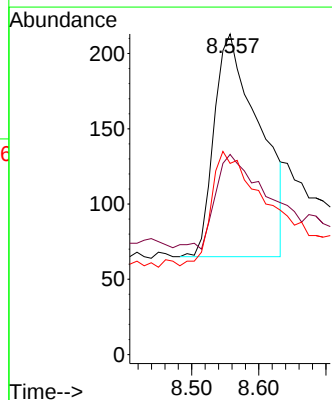
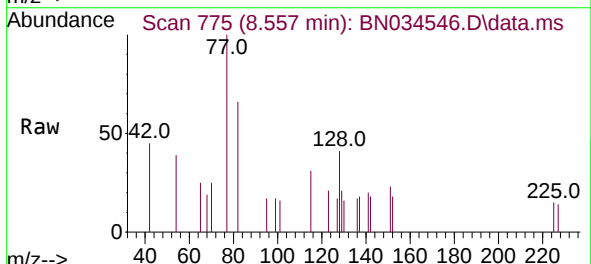
Instrument :
BNA_N
ClientSampleId :
TT101D-20240924DL

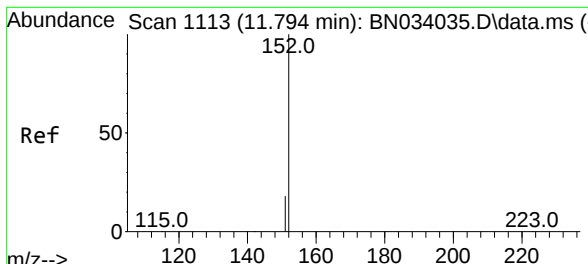
Tgt Ion:	136	Resp:	11437
Ion Ratio	Lower	Upper	
136	100		
137	12.3	9.0	13.6
54	8.9	6.8	10.2
68	6.6	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.079 ng
RT: 8.557 min Scan# 775
Delta R.T. 0.043 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Tgt Ion:	82	Resp:	693
Ion Ratio	Lower	Upper	
82	100		
128	62.4	31.4	47.2#
54	59.6	47.4	71.0

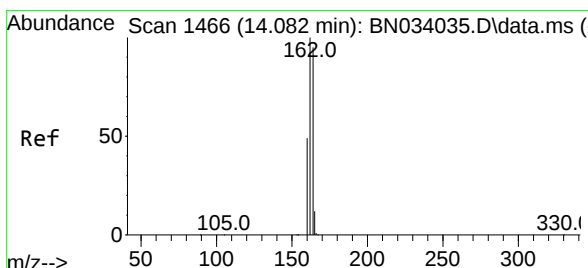
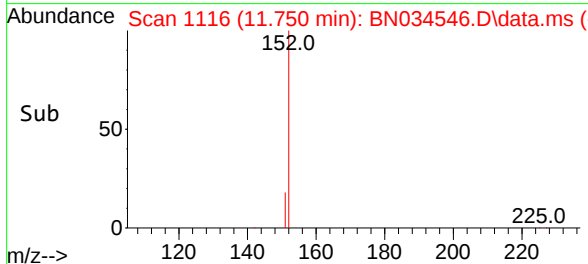
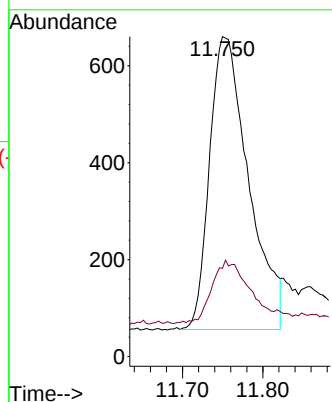
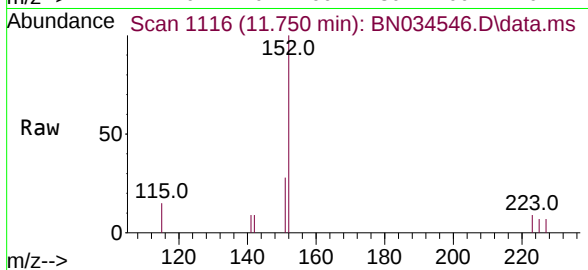




#11
2-Methylnaphthalene-d10
Concen: 0.121 ng
RT: 11.750 min Scan# 1116
Delta R.T. 0.023 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

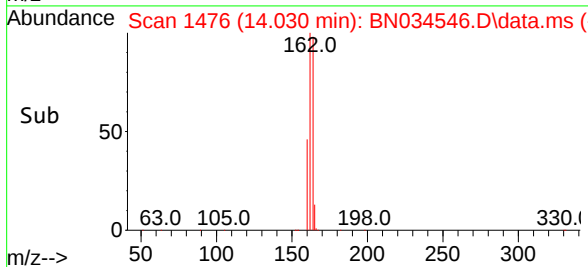
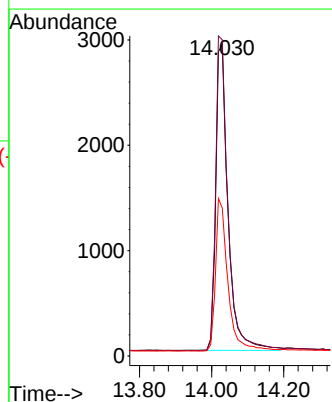
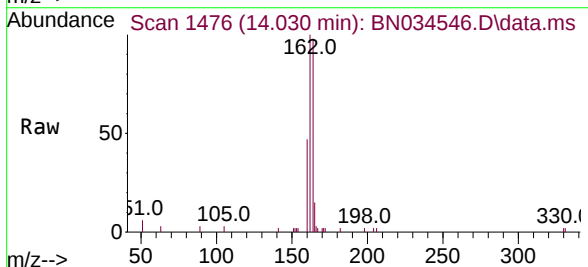
Instrument :
BNA_N
ClientSampleId :
TT101D-20240924DL

Tgt Ion:152 Resp: 2042
Ion Ratio Lower Upper
152 100
151 20.9 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.030 min Scan# 1476
Delta R.T. 0.014 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

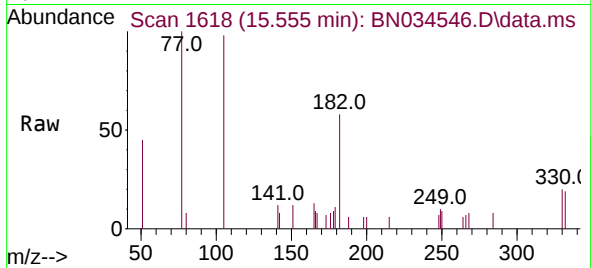
Tgt Ion:164 Resp: 6850
Ion Ratio Lower Upper
164 100
162 101.7 84.2 126.2
160 47.6 41.7 62.5



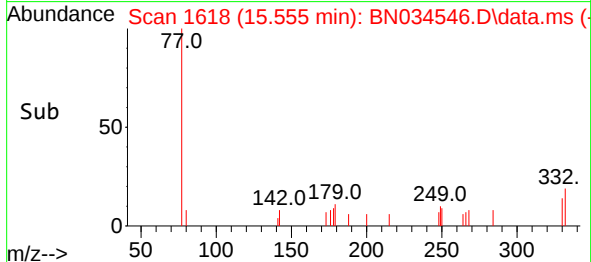
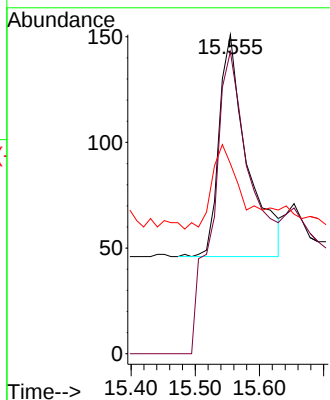


#14
2,4,6-Tribromophenol
Concen: 0.100 ng
RT: 15.555 min Scan# 1618
Delta R.T. 0.018 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Instrument :
BNA_N
ClientSampleId :
TT101D-20240924DL

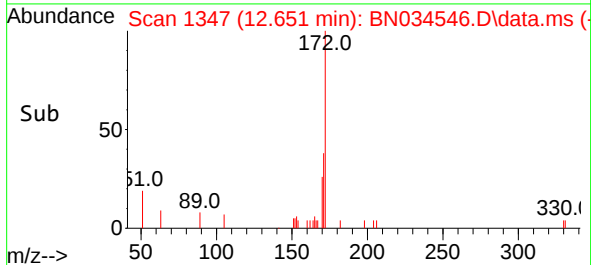
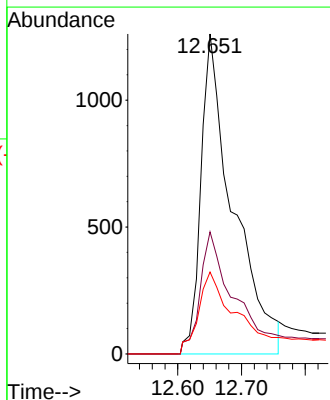
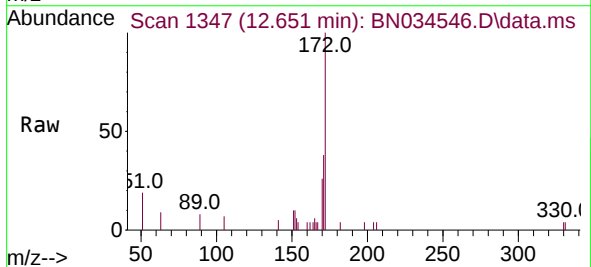


Tgt Ion:330 Resp: 310
Ion Ratio Lower Upper
330 100
332 212.3 77.4 116.0#
141 38.1 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.146 ng
RT: 12.651 min Scan# 1347
Delta R.T. 0.014 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Tgt Ion:172 Resp: 4063
Ion Ratio Lower Upper
172 100
171 38.1 27.3 40.9
170 25.6 18.1 27.1

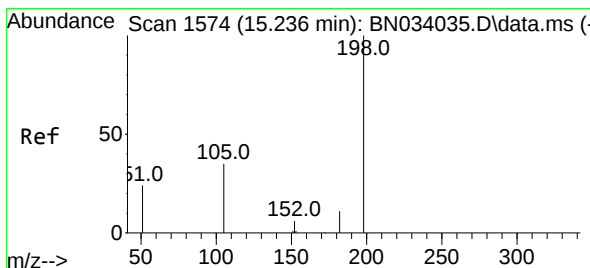
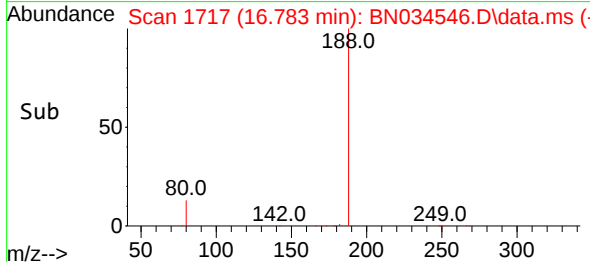
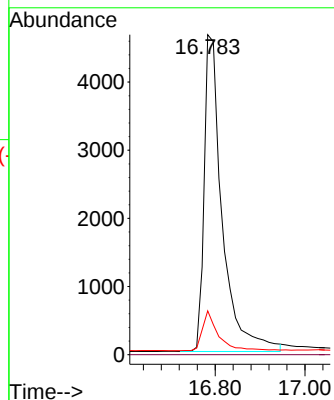
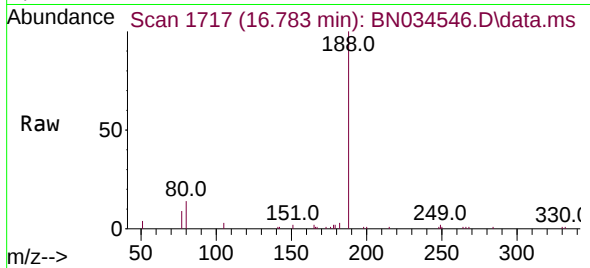




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.783 min Scan# 11
Delta R.T. 0.005 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

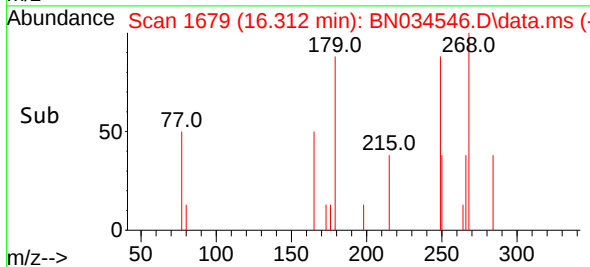
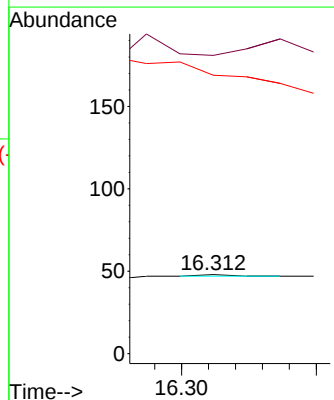
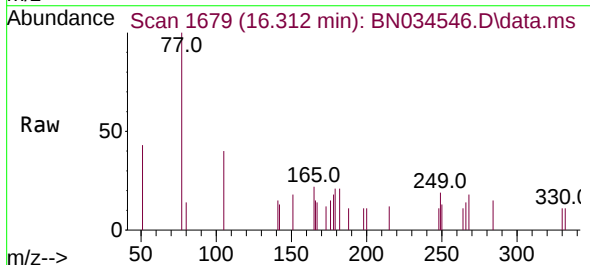
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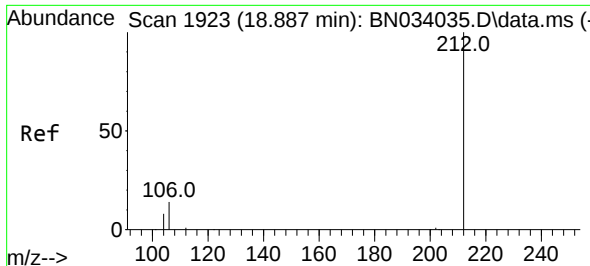
Tgt Ion:188 Resp: 12995
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.7 7.4 11.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.138 ng
RT: 16.312 min Scan# 1679
Delta R.T. 0.030 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 377.1 106.4 159.6#
105 352.1 38.5 57.7#

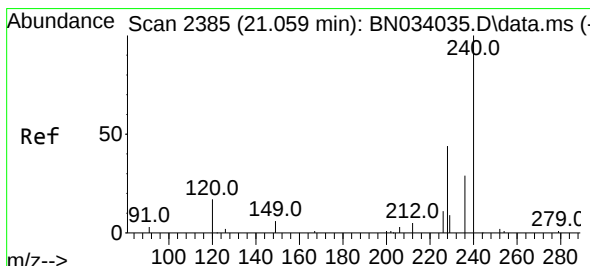
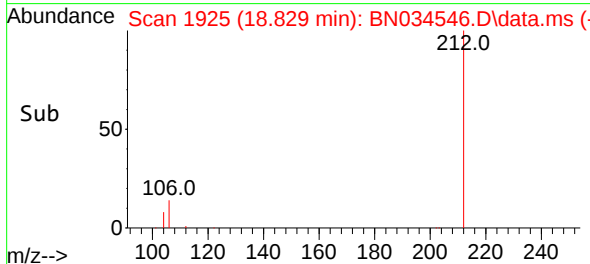
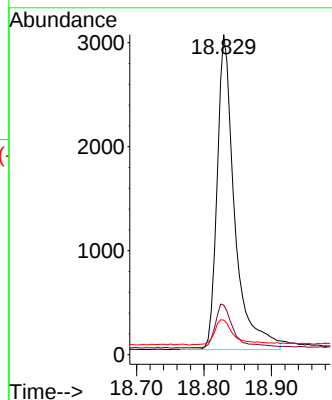
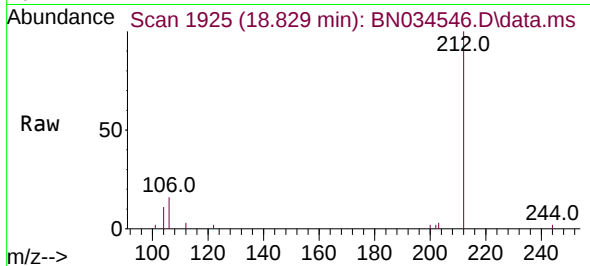




#27
Fluoranthene-d10
Concen: 0.166 ng
RT: 18.829 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

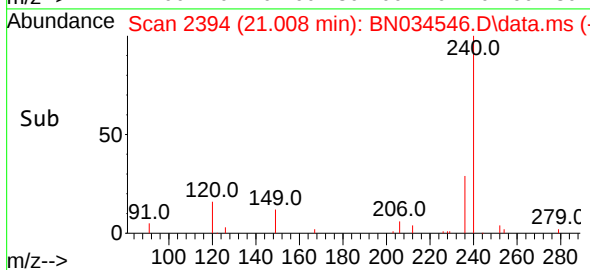
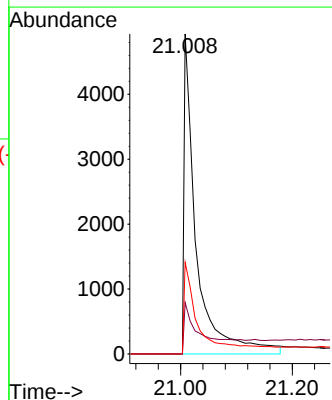
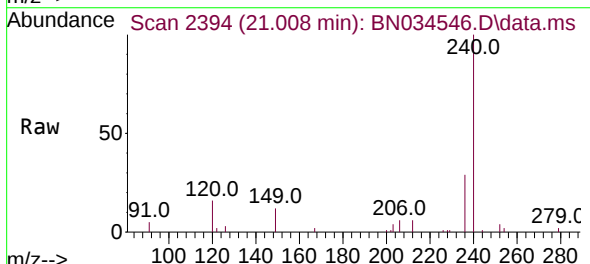
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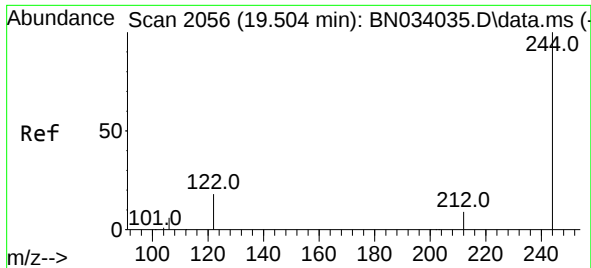
Tgt Ion:212 Resp: 5441
Ion Ratio Lower Upper
212 100
106 14.6 13.4 20.2
104 9.6 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.002 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

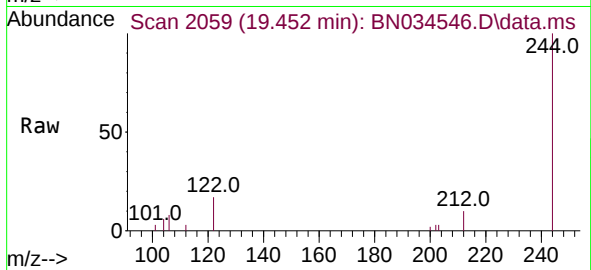
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Ion Ratio Lower Upper
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120 16.0 13.5 20.3
236 28.6 23.4 35.0



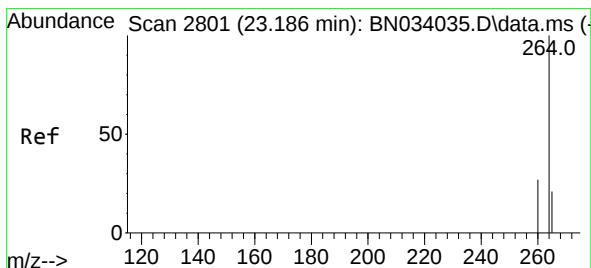
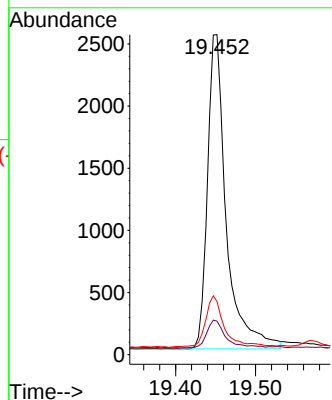


#31
Terphenyl-d14
Concen: 0.266 ng
RT: 19.452 min Scan# 2056
Delta R.T. 0.002 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Instrument :
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Tgt Ion:244 Resp: 4123
Ion Ratio Lower Upper
244 100
212 10.5 7.8 11.6
122 16.6 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.116 min Scan# 2793
Delta R.T. 0.002 min
Lab File: BN034546.D
Acq: 11 Oct 2024 07:27

Tgt Ion:264 Resp: 9721
Ion Ratio Lower Upper
264 100
260 26.2 21.7 32.5
265 88.5 52.1 78.1#

