

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034492.D
 Acq On : 09 Oct 2024 06:09
 Operator : RC/JU
 Sample : P4226-17
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW-01D2-20240925

Quant Time: Oct 09 06:57:44 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	7.373	152	4487	0.400	ng	-0.02
7) Naphthalene-d8	10.137	136	11504	0.400	ng	-0.01
13) Acenaphthene-d10	14.026	164	6323	0.400	ng	-0.02
19) Phenanthrene-d10	16.791	188	10885	0.400	ng	#-0.01
29) Chrysene-d12	21.015	240	9274	0.400	ng	0.00
35) Perylene-d12	23.119	264	11019	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.026	112	1890	0.148	ng	0.00
5) Phenol-d6	6.586	99	798	0.054	ng	-0.01
8) Nitrobenzene-d5	8.536	82	2336	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	5195	0.306	ng	-0.01
14) 2,4,6-Tribromophenol	15.549	330	876	0.306	ng	0.00
15) 2-Fluorobiphenyl	12.647	172	7475	0.291	ng	-0.01
27) Fluoranthene-d10	18.832	212	13083	0.476	ng	-0.01
31) Terphenyl-d14	19.450	244	9173	0.495	ng	-0.02

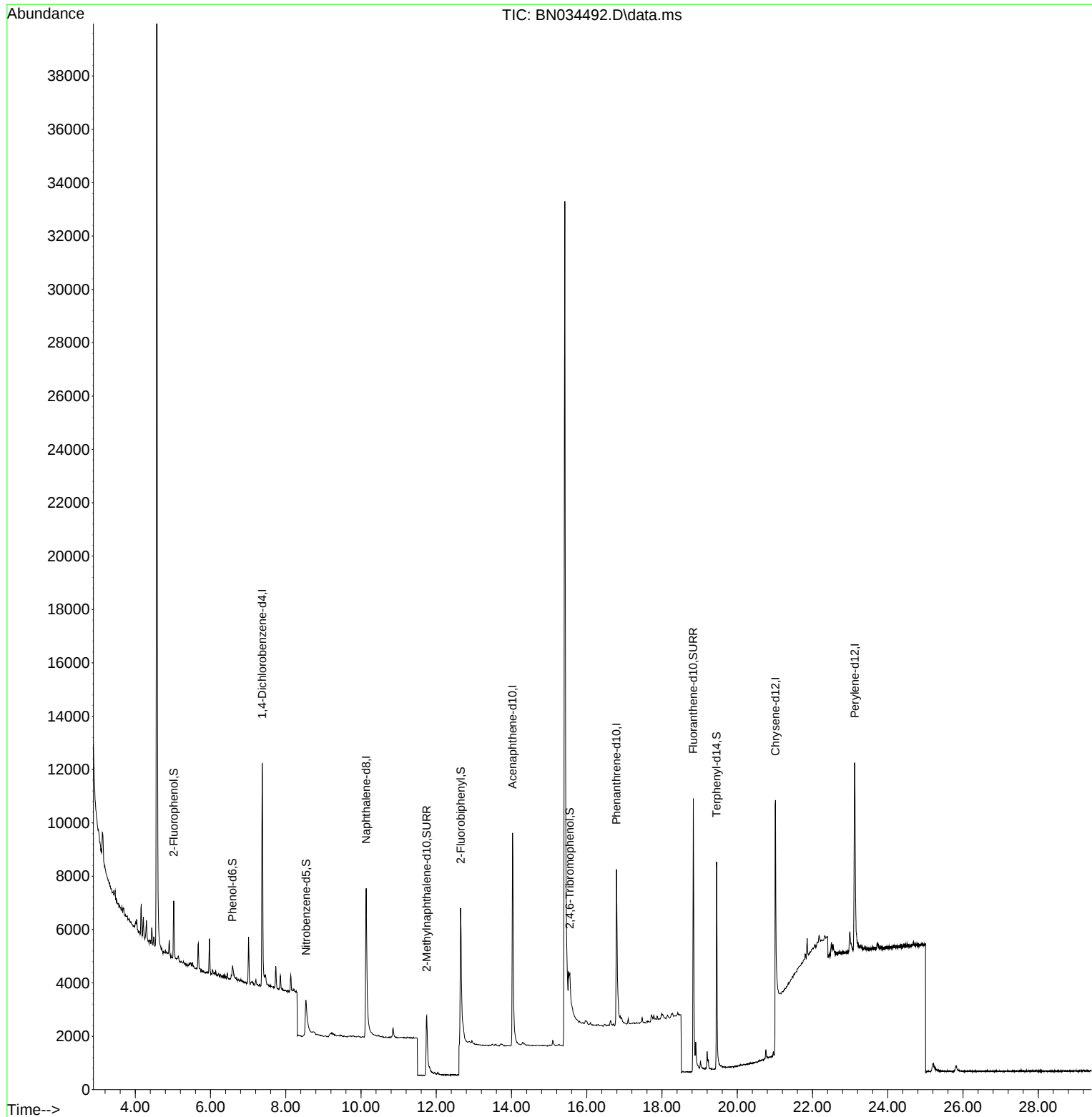
Target Compounds Qvalue

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

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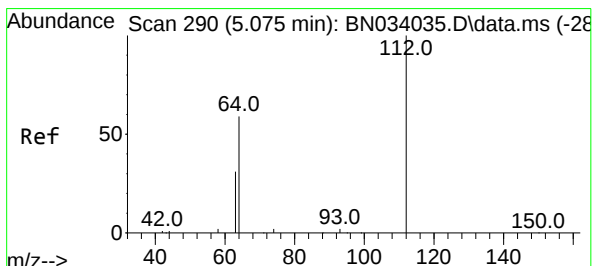
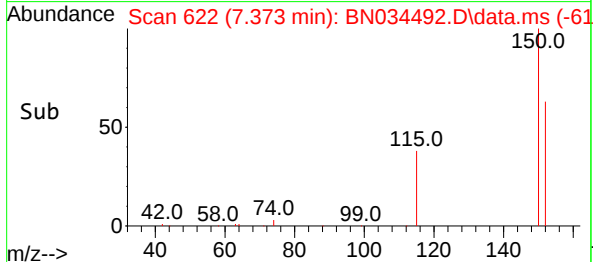
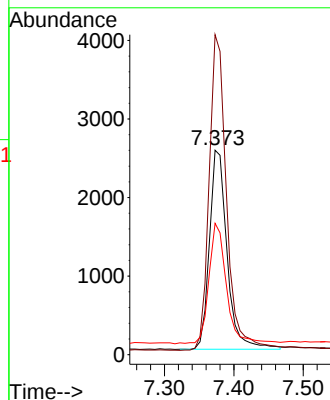
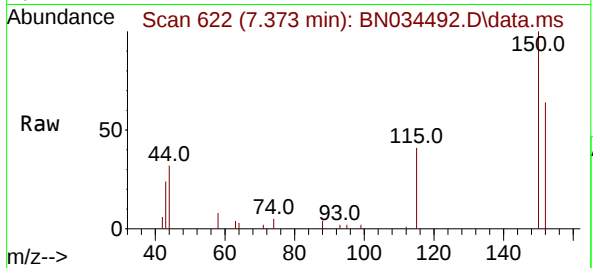




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

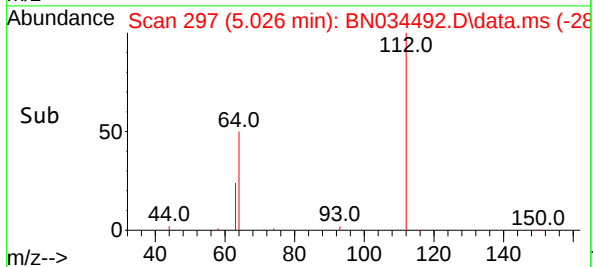
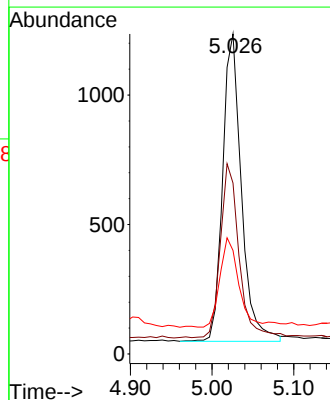
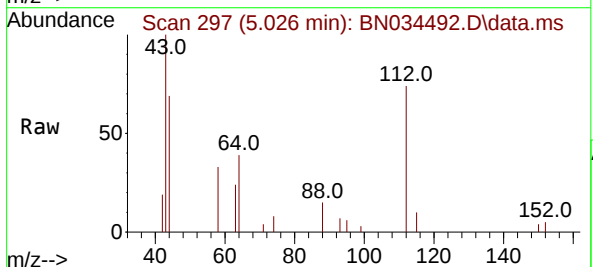
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D2-20240925

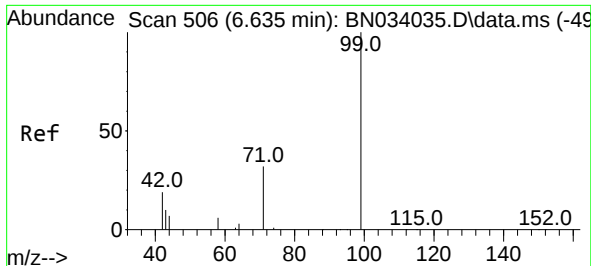
Tgt Ion:152 Resp: 4487
Ion Ratio Lower Upper
152 100
150 156.5 124.6 187.0
115 64.2 50.0 75.0



#4
2-Fluorophenol
Concen: 0.148 ng
RT: 5.026 min Scan# 297
Delta R.T. -0.007 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

Tgt Ion:112 Resp: 1890
Ion Ratio Lower Upper
112 100
64 56.2 48.6 72.8
63 28.8 25.6 38.4

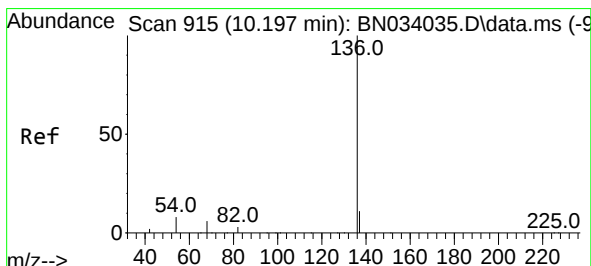
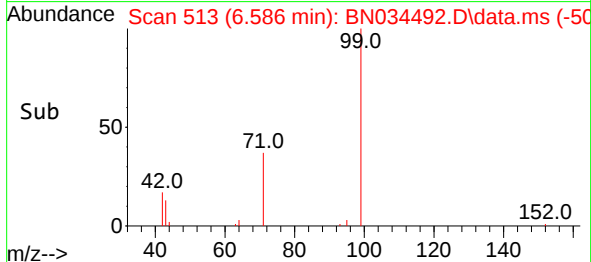
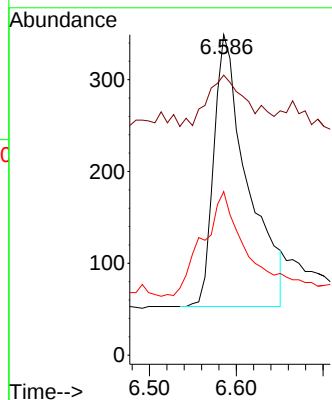
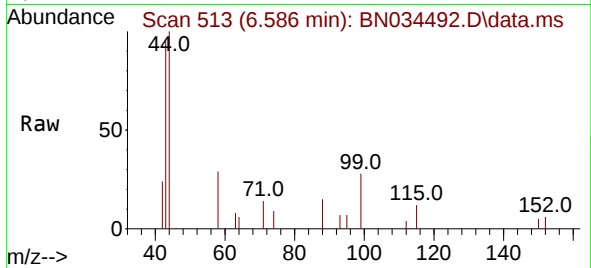




#5
Phenol-d6
Concen: 0.054 ng
RT: 6.586 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

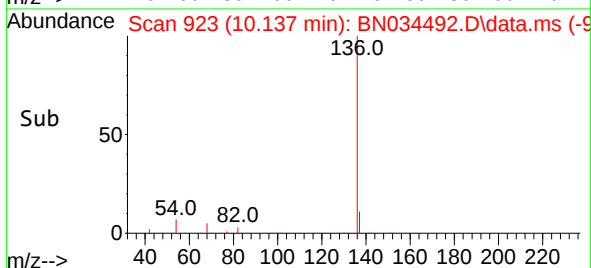
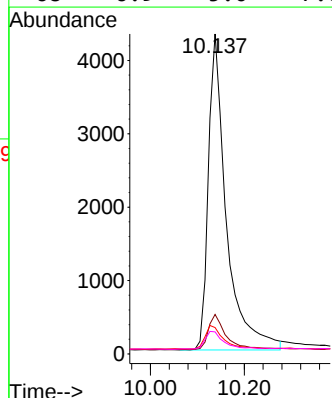
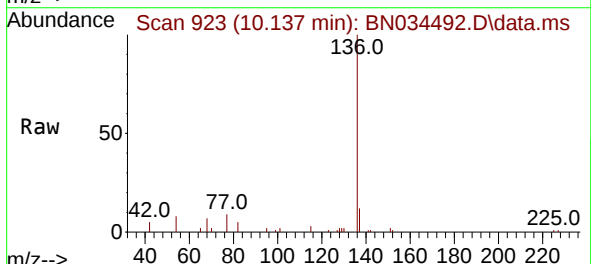
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D2-20240925

Tgt Ion: 99 Resp: 798
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.8
71 47.0 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 923
Delta R.T. -0.010 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

Tgt Ion: 136 Resp: 11504
Ion Ratio Lower Upper
136 100
137 12.4 9.0 13.6
54 8.3 6.8 10.2
68 6.9 5.0 7.6

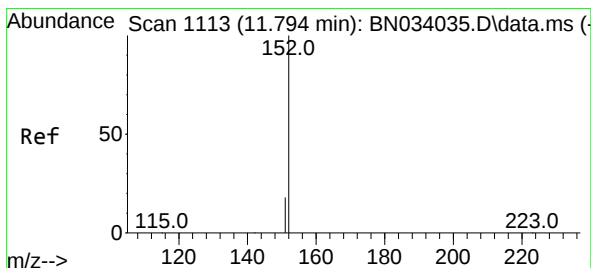
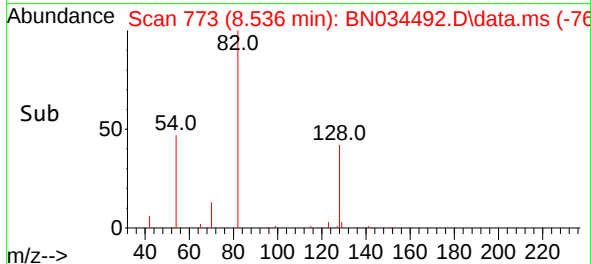
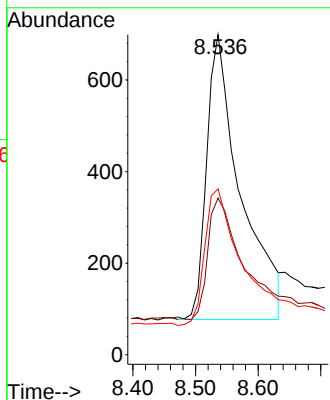
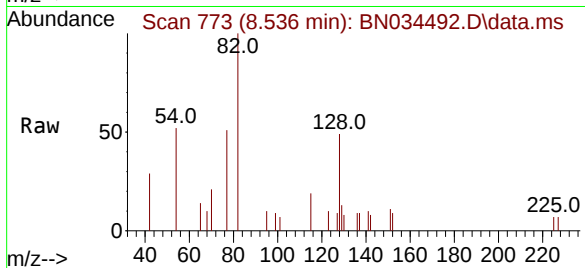




#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.536 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

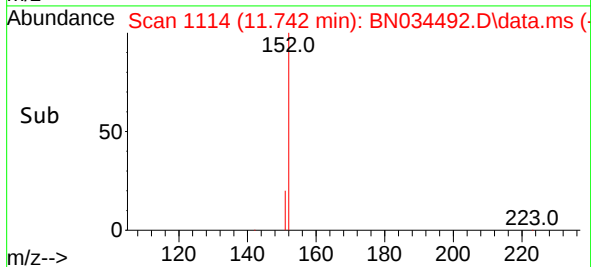
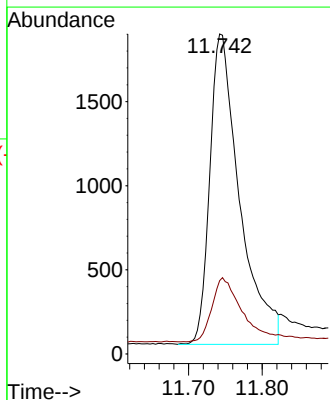
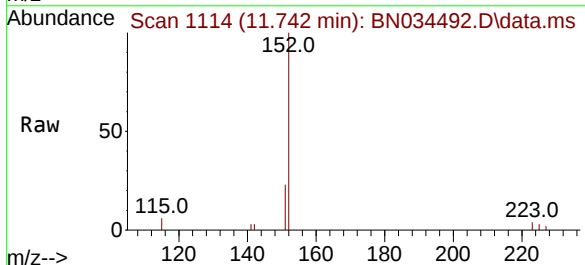
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BNA_N
ClientSampleId :
RW9-MW-01D2-20240925

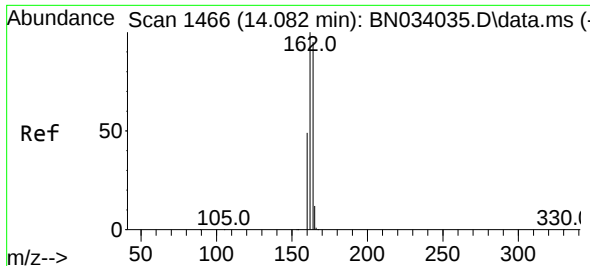
Tgt Ion: 82 Resp: 2336
Ion Ratio Lower Upper
82 100
128 48.9 31.4 47.2#
54 51.8 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.306 ng
RT: 11.742 min Scan# 1114
Delta R.T. -0.011 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

Tgt Ion:152 Resp: 5195
Ion Ratio Lower Upper
152 100
151 21.1 16.8 25.2

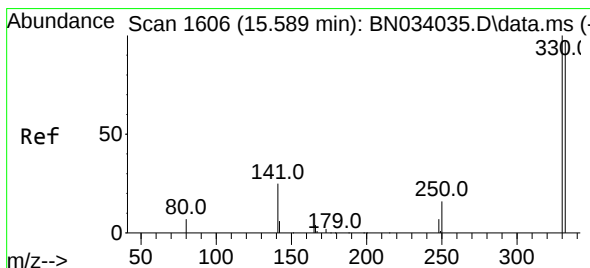
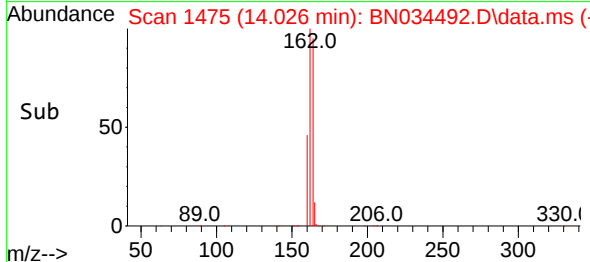
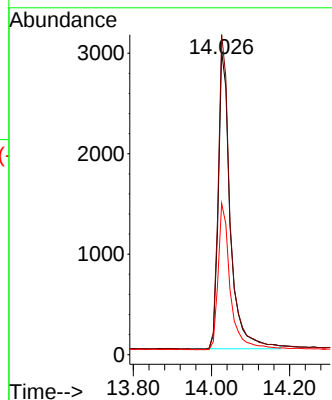
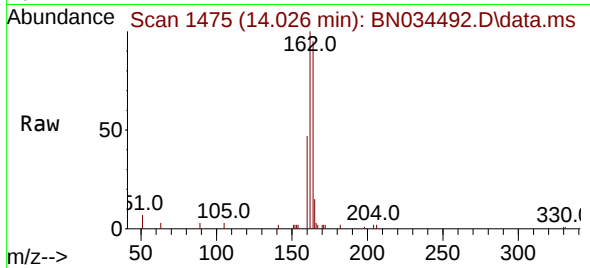




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.026 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

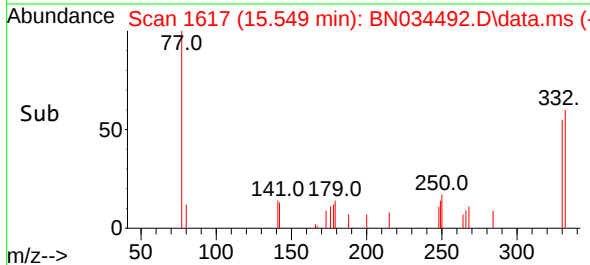
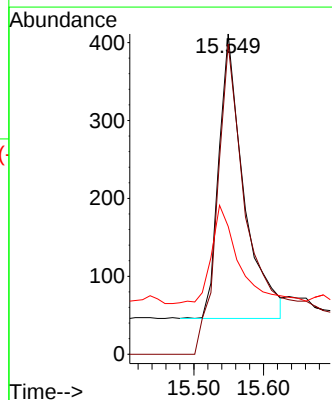
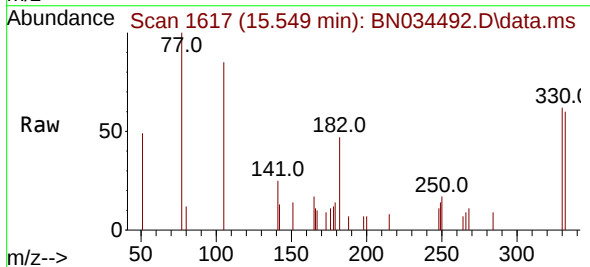
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D2-20240925

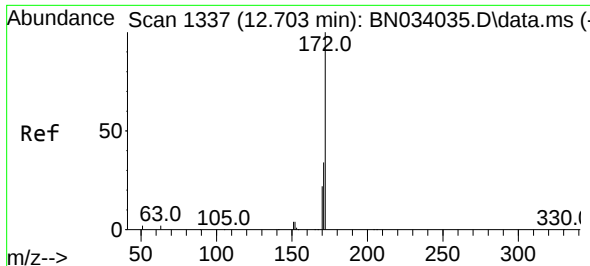
Tgt Ion:164 Resp: 6323
Ion Ratio Lower Upper
164 100
162 105.4 84.2 126.2
160 49.9 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.306 ng
RT: 15.549 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

Tgt Ion:330 Resp: 876
Ion Ratio Lower Upper
330 100
332 135.0 77.4 116.0#
141 37.0 35.9 53.9

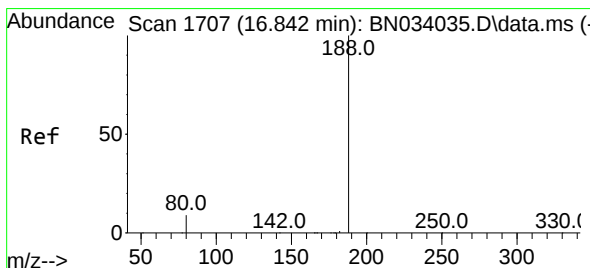
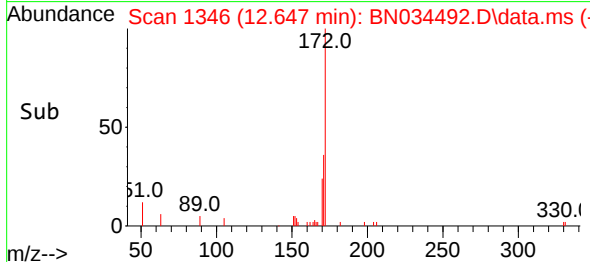
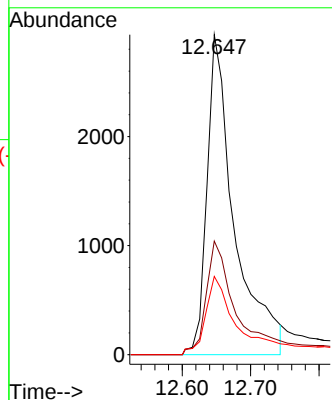
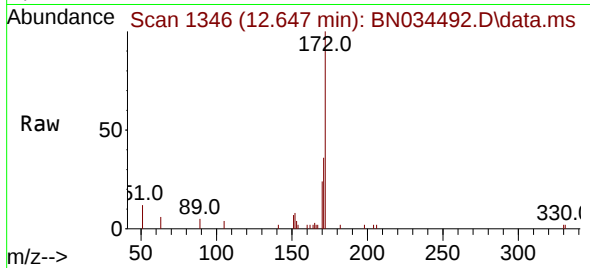




#15
2-Fluorobiphenyl
Concen: 0.291 ng
RT: 12.647 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

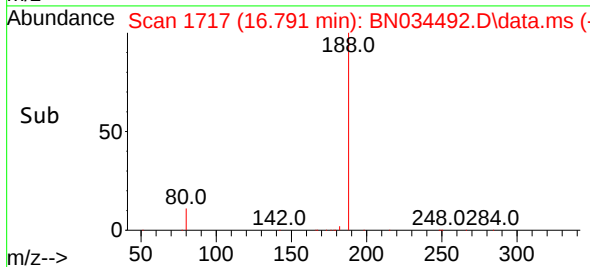
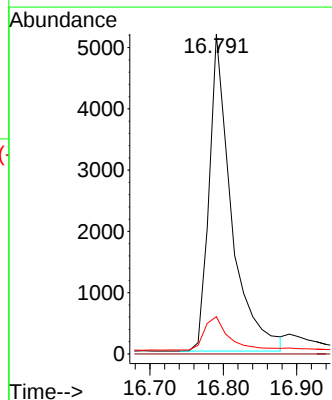
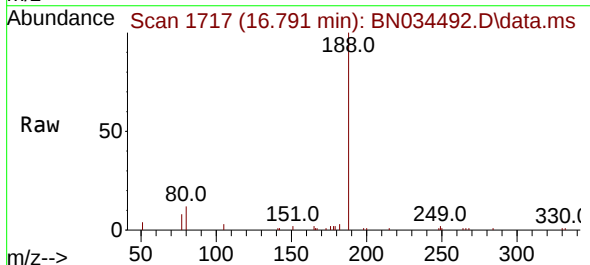
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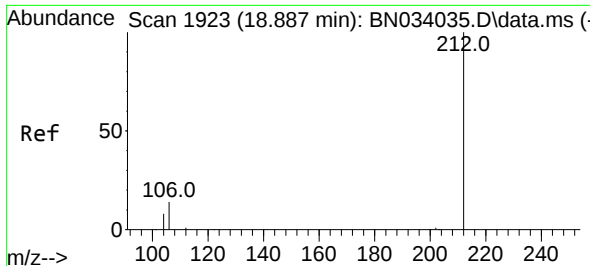
Tgt Ion:	172	Resp:	7475
Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.3	40.9
170	24.5	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.791 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

Tgt Ion:	188	Resp:	10885
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.7	7.4	11.0

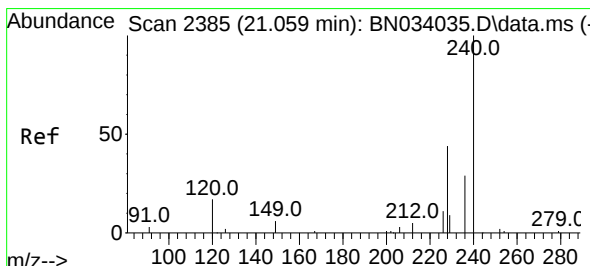
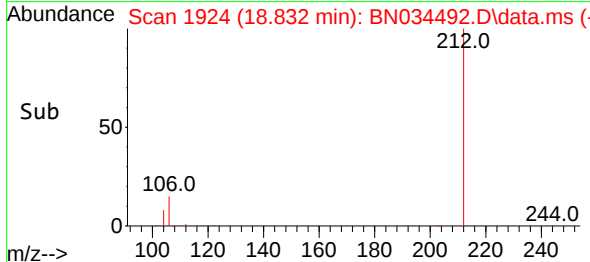
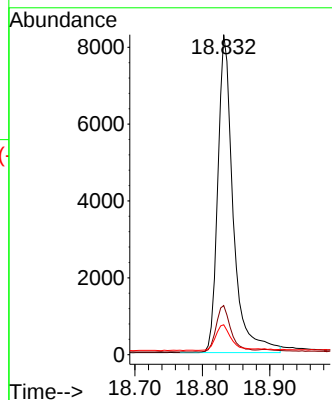
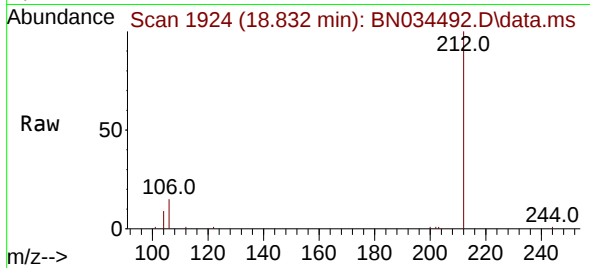




#27
Fluoranthene-d10
Concen: 0.476 ng
RT: 18.832 min Scan# 1924
Delta R.T. -0.014 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

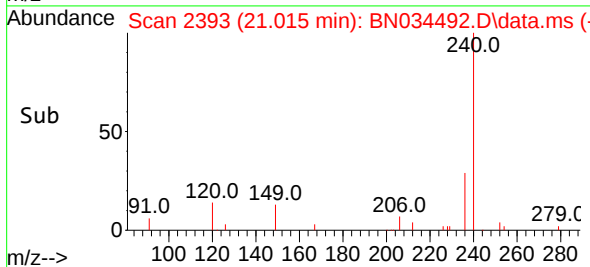
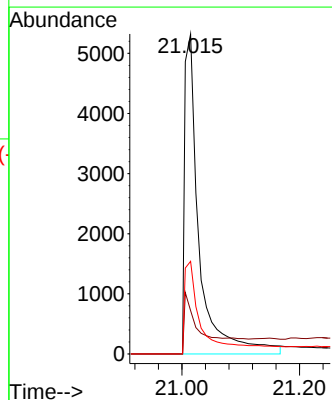
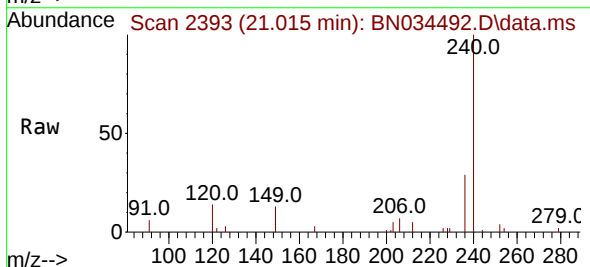
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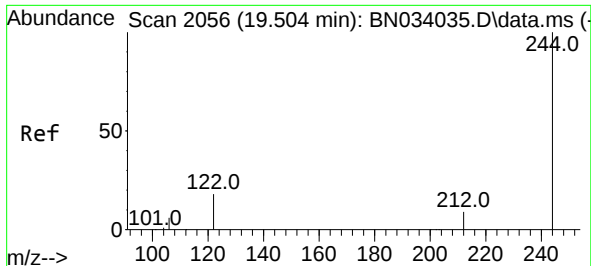
Tgt Ion:212 Resp: 13083
Ion Ratio Lower Upper
212 100
106 14.3 13.4 20.2
104 8.1 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.015 min Scan# 2393
Delta R.T. 0.000 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

Tgt Ion:240 Resp: 9274
Ion Ratio Lower Upper
240 100
120 13.5 13.5 20.3
236 29.0 23.4 35.0

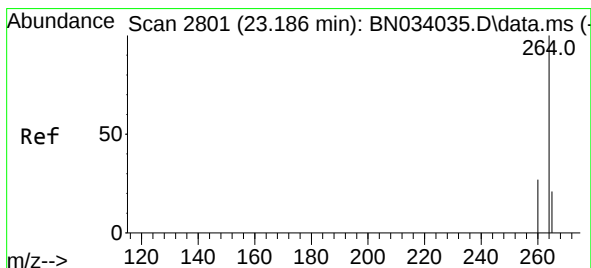
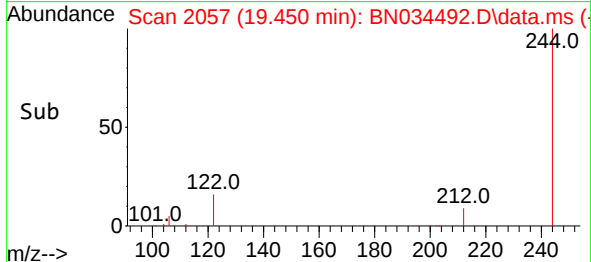
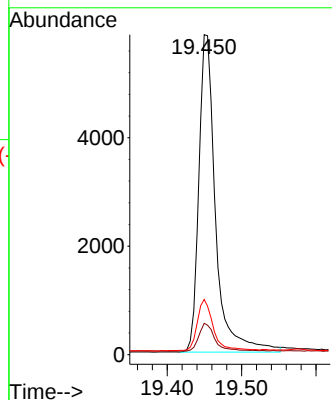
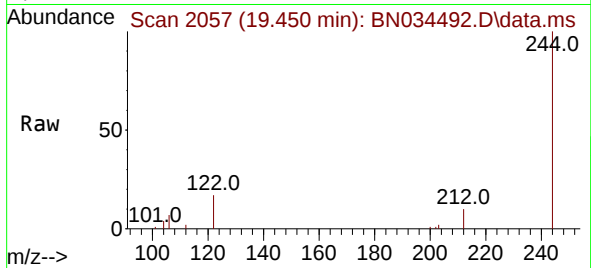




#31
Terphenyl-d14
Concen: 0.495 ng
RT: 19.450 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

Instrument :
BNA_N
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RW9-MW-01D2-20240925

Tgt Ion:244 Resp: 9173
Ion Ratio Lower Upper
244 100
212 9.8 7.8 11.6
122 17.3 14.8 22.2



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.119 min Scan# 2791
Delta R.T. -0.009 min
Lab File: BN034492.D
Acq: 09 Oct 2024 06:09

Tgt Ion:264 Resp: 11019
Ion Ratio Lower Upper
264 100
260 26.7 21.7 32.5
265 86.3 52.1 78.1#

