

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100824\
 Data File : BN034493.D
 Acq On : 09 Oct 2024 06:45
 Operator : RC/JU
 Sample : P4226-18
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW-01D3-20240925

Quant Time: Oct 09 07:09:17 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

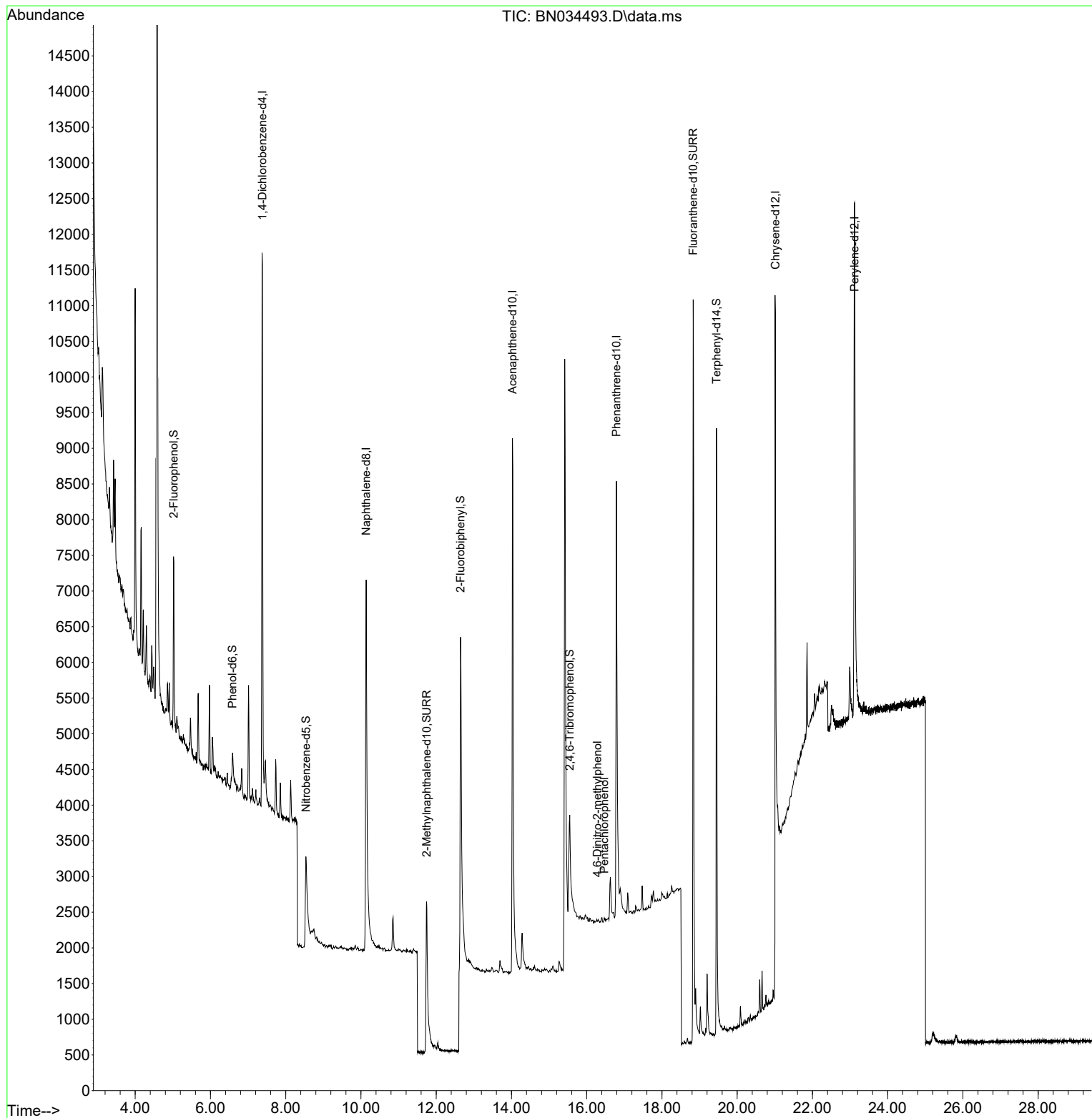
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.380	152	4203	0.400	ng	-0.01
7) Naphthalene-d8	10.137	136	10877	0.400	ng	-0.01
13) Acenaphthene-d10	14.026	164	6279	0.400	ng	-0.02
19) Phenanthrene-d10	16.790	188	11402	0.400	ng	#-0.01
29) Chrysene-d12	21.015	240	9683	0.400	ng	# 0.00
35) Perylene-d12	23.119	264	11152	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.026	112	2021	0.169	ng	0.00
5) Phenol-d6	6.586	99	832	0.060	ng	-0.01
8) Nitrobenzene-d5	8.536	82	2206	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	11.742	152	5158	0.321	ng	-0.01
14) 2,4,6-Tribromophenol	15.549	330	971	0.341	ng	0.00
15) 2-Fluorobiphenyl	12.647	172	7269	0.285	ng	-0.01
27) Fluoranthene-d10	18.832	212	14012	0.487	ng	-0.01
31) Terphenyl-d14	19.450	244	9747	0.504	ng	-0.02
Target Compounds						
20) 4,6-Dinitro-2-methylph...	16.282	198	13	0.144	ng	# 1
24) Pentachlorophenol	16.468	266	74	0.031	ng	# 50

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

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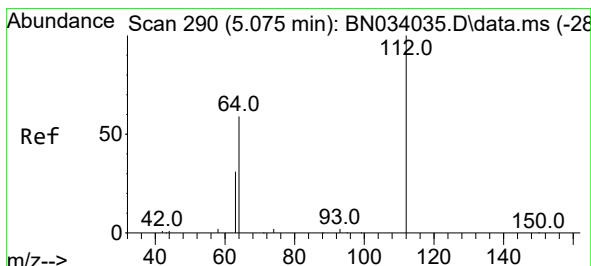
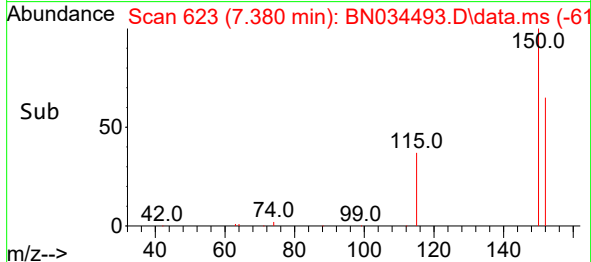
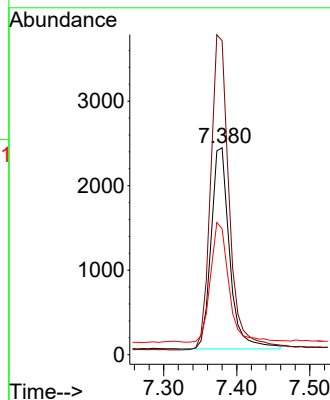
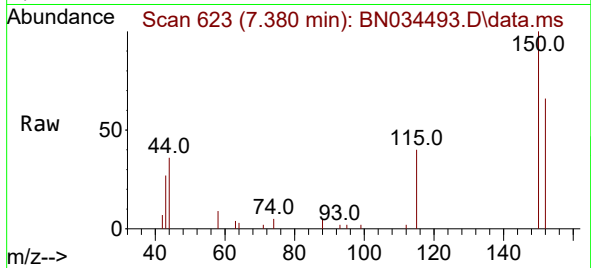




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

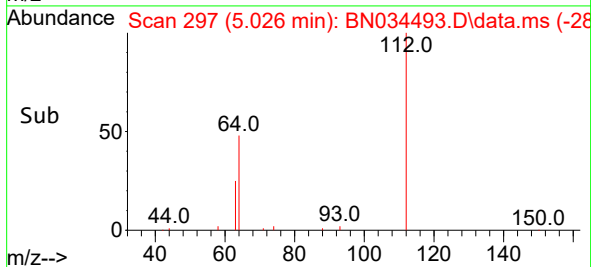
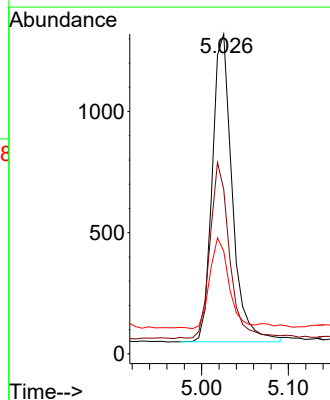
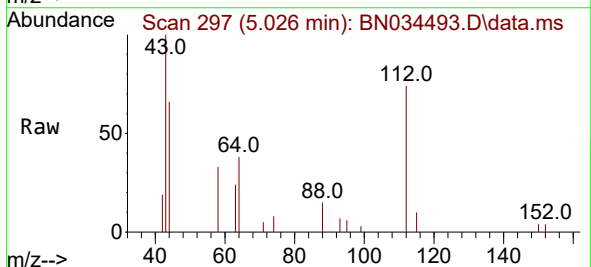
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D3-20240925

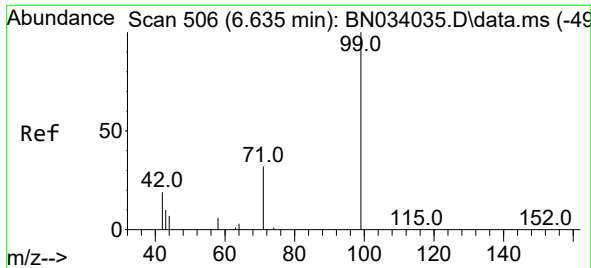
Tgt Ion:152 Resp: 4203
Ion Ratio Lower Upper
152 100
150 151.7 124.6 187.0
115 60.8 50.0 75.0



#4
2-Fluorophenol
Concen: 0.169 ng
RT: 5.026 min Scan# 297
Delta R.T. -0.007 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

Tgt Ion:112 Resp: 2021
Ion Ratio Lower Upper
112 100
64 56.4 48.6 72.8
63 28.6 25.6 38.4

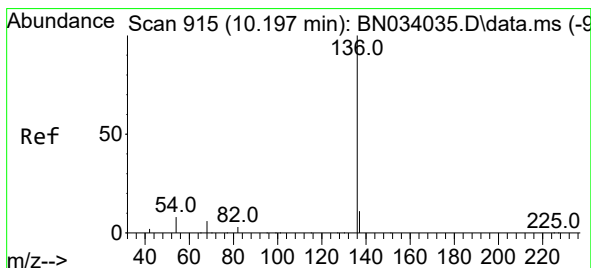
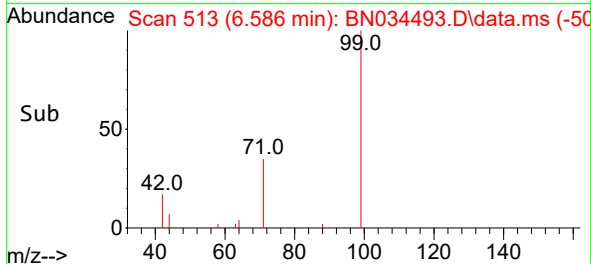
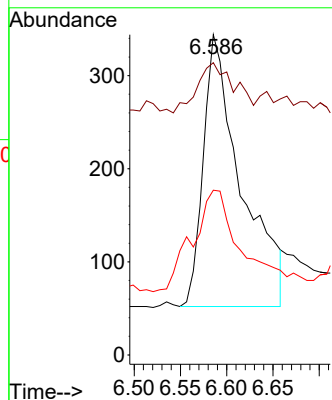
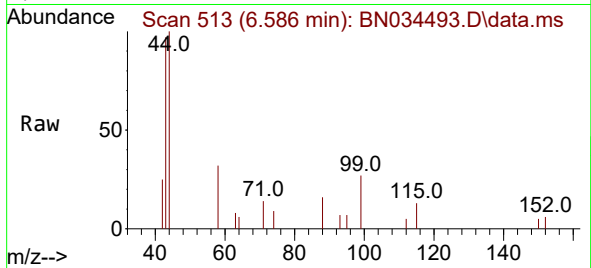




#5
Phenol-d6
Concen: 0.060 ng
RT: 6.586 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

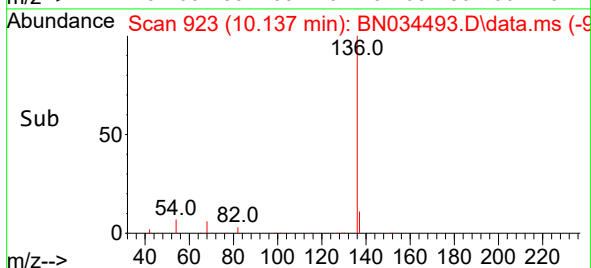
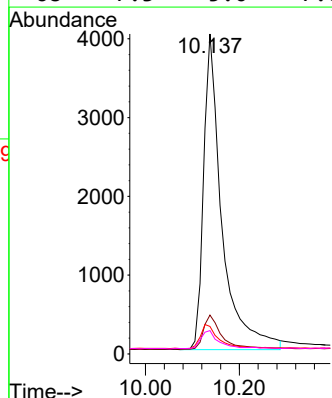
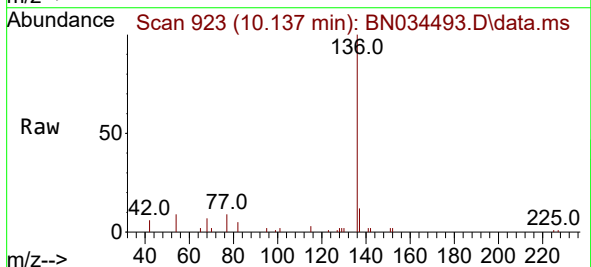
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D3-20240925

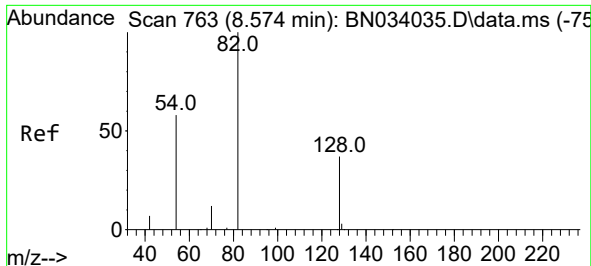
Tgt Ion: 99 Resp: 832
Ion Ratio Lower Upper
99 100
42 18.0 17.8 26.8
71 47.4 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 923
Delta R.T. -0.011 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

Tgt Ion: 136 Resp: 10877
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 8.6 6.8 10.2
68 7.3 5.0 7.6

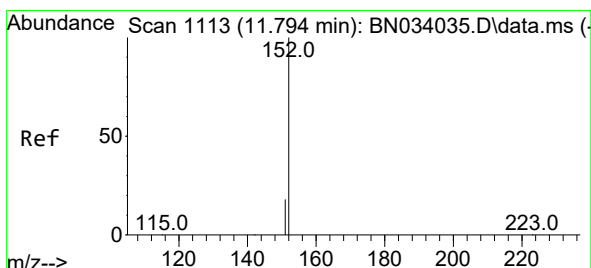
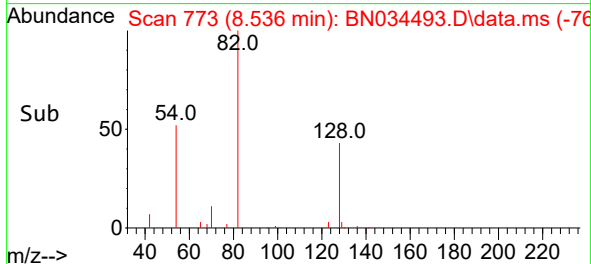
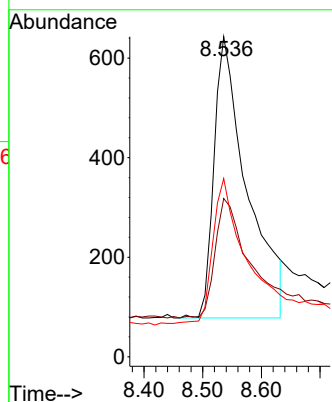
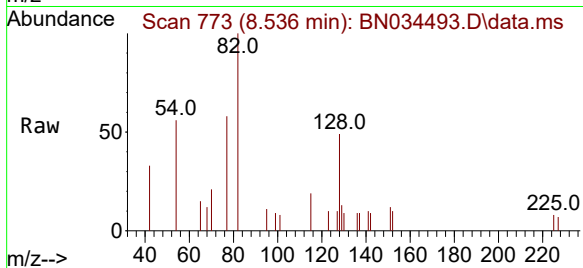




#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.536 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

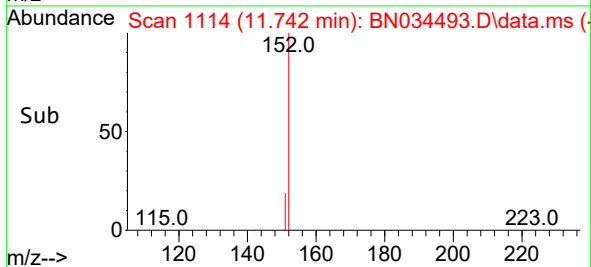
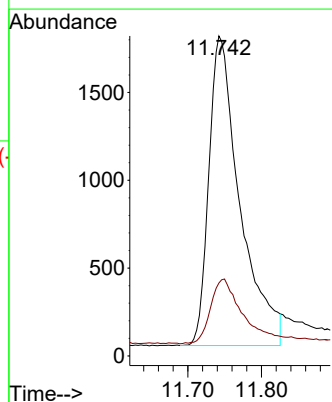
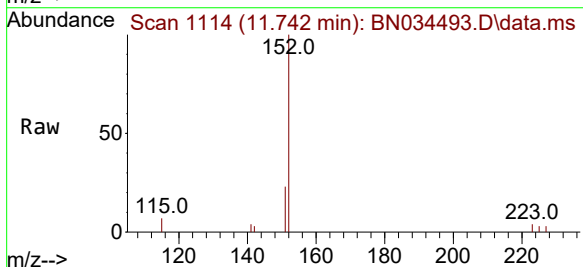
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D3-20240925

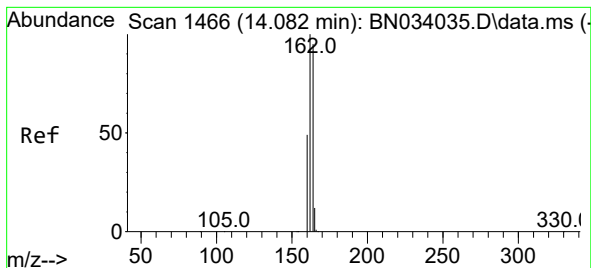
Tgt Ion: 82 Resp: 2206
Ion Ratio Lower Upper
82 100
128 49.5 31.4 47.2#
54 55.7 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.321 ng
RT: 11.742 min Scan# 1114
Delta R.T. -0.011 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

Tgt Ion:152 Resp: 5158
Ion Ratio Lower Upper
152 100
151 21.8 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: BN034493.D

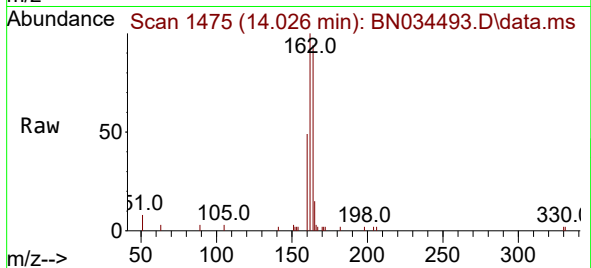
Acq: 09 Oct 2024 06:45

Instrument :

BNA_N

ClientSampleId :

RW9-MW-01D3-20240925



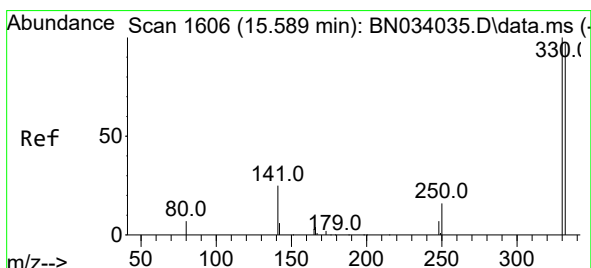
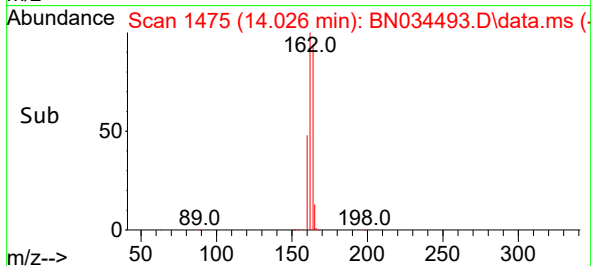
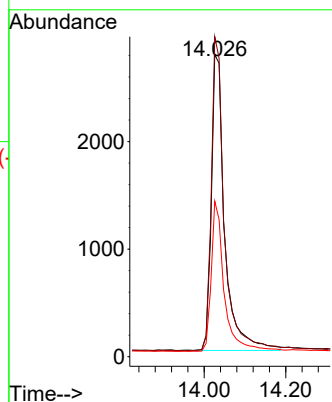
Tgt Ion:164 Resp: 6279

Ion Ratio Lower Upper

164 100

162 105.9 84.2 126.2

160 51.5 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.341 ng

RT: 15.549 min Scan# 1617

Delta R.T. 0.000 min

Lab File: BN034493.D

Acq: 09 Oct 2024 06:45

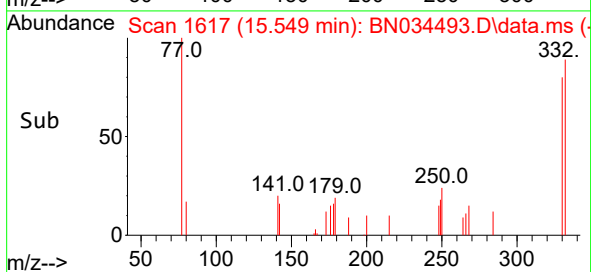
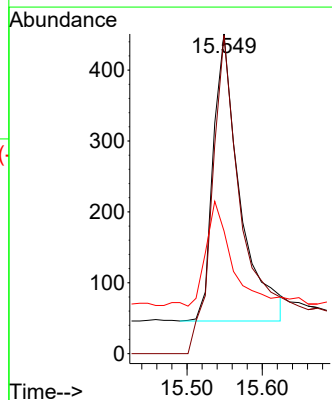
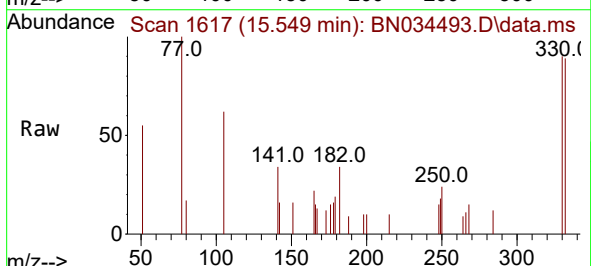
Tgt Ion:330 Resp: 971

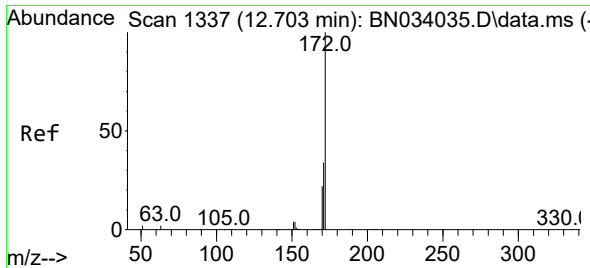
Ion Ratio Lower Upper

330 100

332 129.7 77.4 116.0#

141 34.1 35.9 53.9#

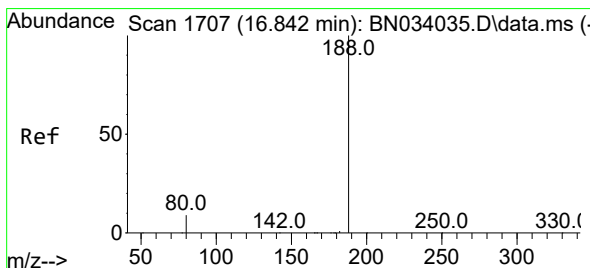
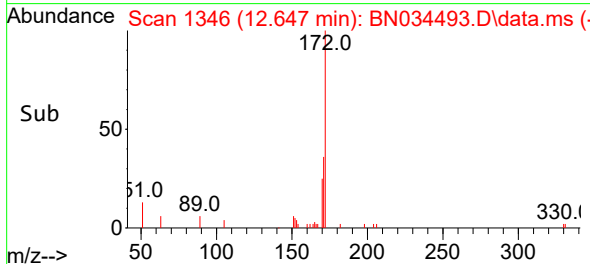
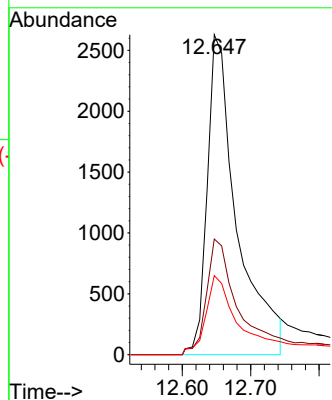
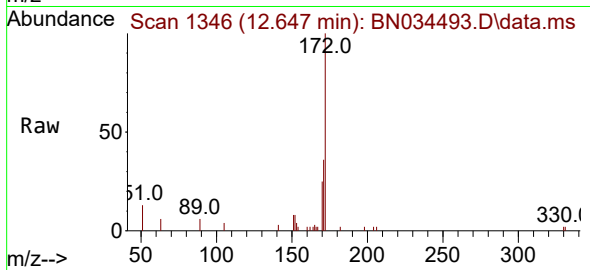




#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.647 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

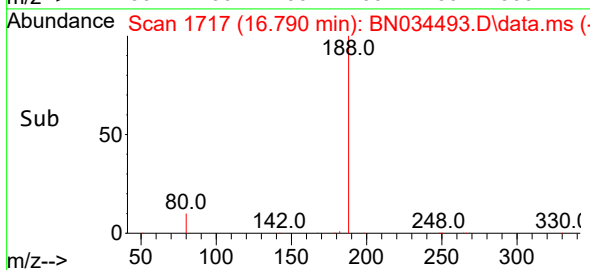
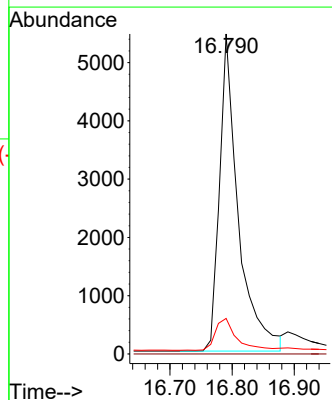
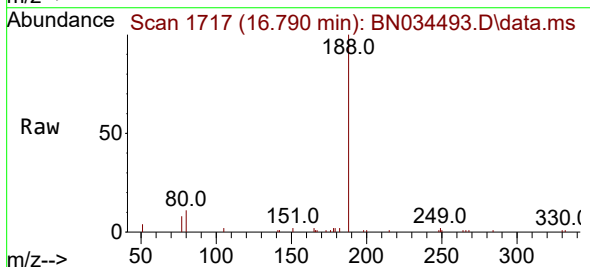
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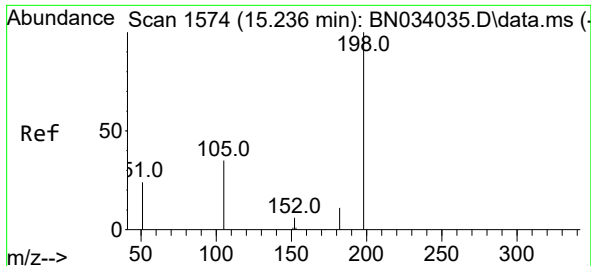
Tgt Ion:172 Resp: 7269
Ion Ratio Lower Upper
172 100
171 36.2 27.3 40.9
170 24.7 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.790 min Scan# 1717
Delta R.T. -0.012 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

Tgt Ion:188 Resp: 11402
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 7.4 11.0#

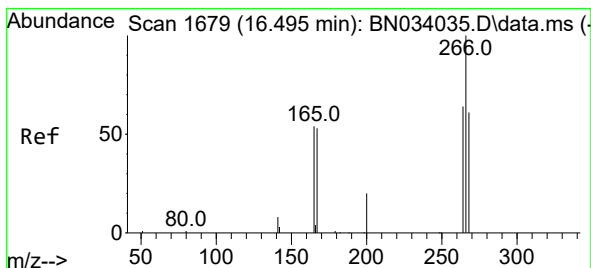
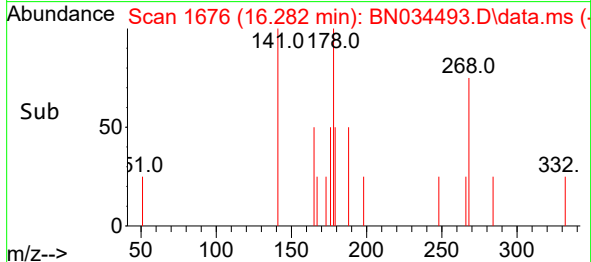
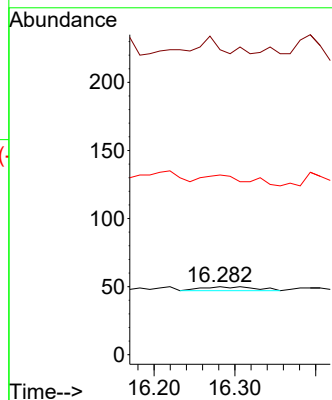
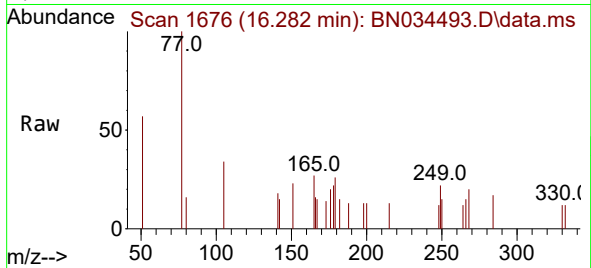




#20
4,6-Dinitro-2-methylphenol
Concen: 0.144 ng
RT: 16.282 min Scan# 1676
Delta R.T. -0.025 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

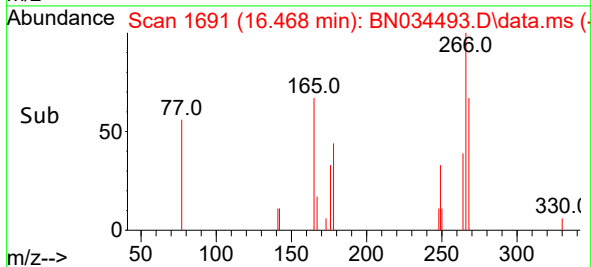
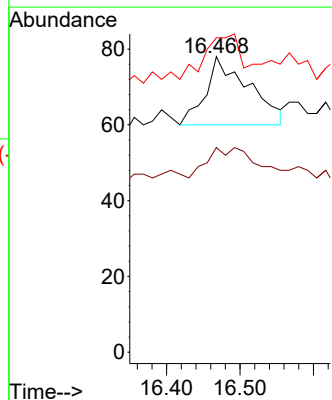
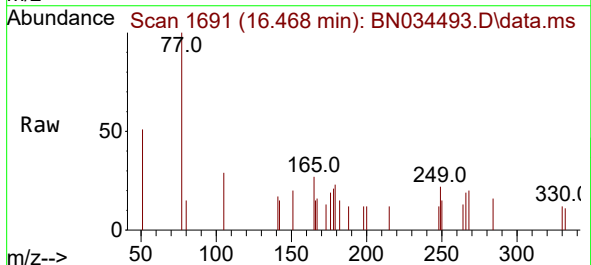
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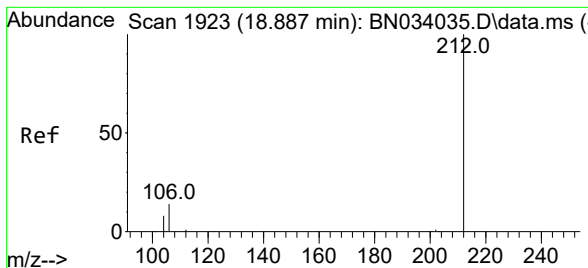
Tgt Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 448.0 106.4 159.6#
105 264.0 38.5 57.7#



#24
Pentachlorophenol
Concen: 0.031 ng
RT: 16.468 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

Tgt Ion:266 Resp: 74
Ion Ratio Lower Upper
266 100
264 48.6 50.2 75.2#
268 0.0 51.0 76.4#





#27

Fluoranthene-d10

Concen: 0.487 ng

RT: 18.832 min Scan# 1924

Delta R.T. -0.014 min

Lab File: BN034493.D

Acq: 09 Oct 2024 06:45

Instrument :

BNA_N

ClientSampleId :

RW9-MW-01D3-20240925

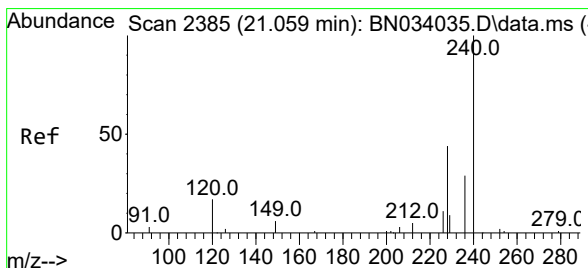
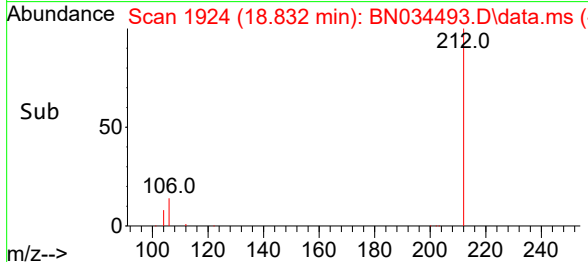
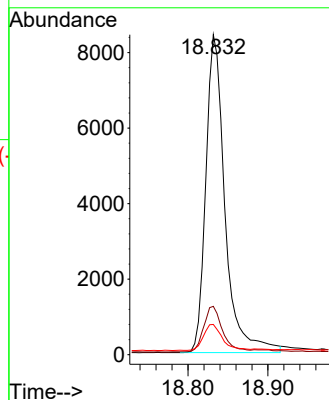
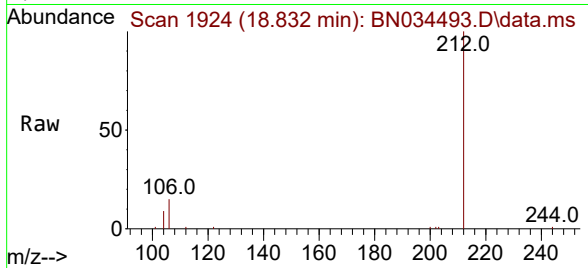
Tgt Ion:212 Resp: 14012

Ion Ratio Lower Upper

212 100

106 14.1 13.4 20.2

104 8.2 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: BN034493.D

Acq: 09 Oct 2024 06:45

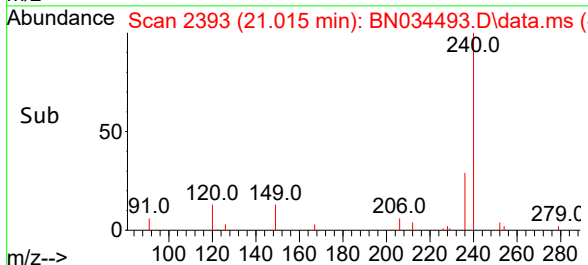
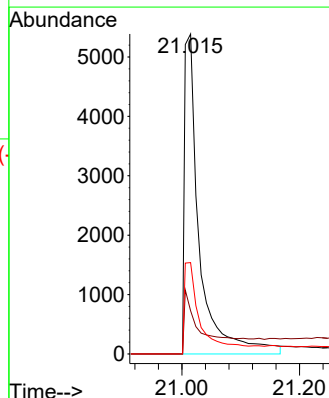
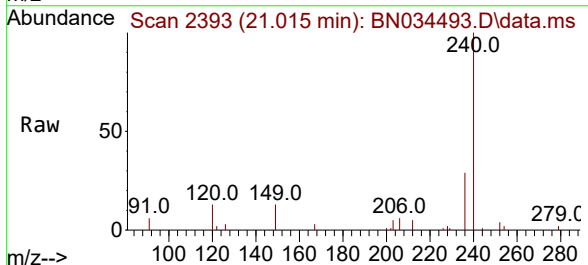
Tgt Ion:240 Resp: 9683

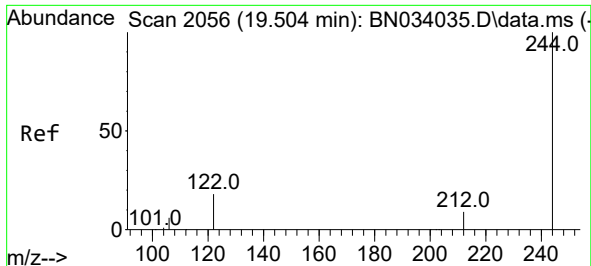
Ion Ratio Lower Upper

240 100

120 13.5 13.5 20.3#

236 28.5 23.4 35.0

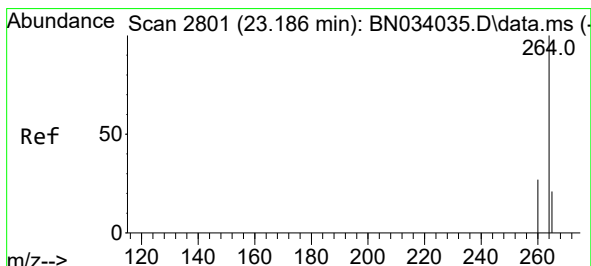
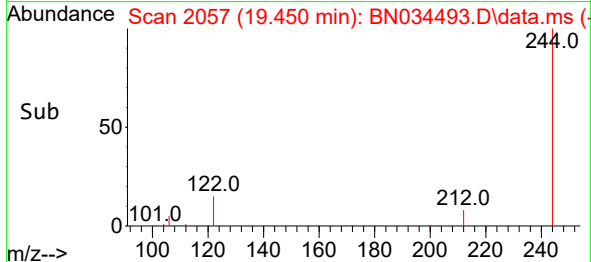
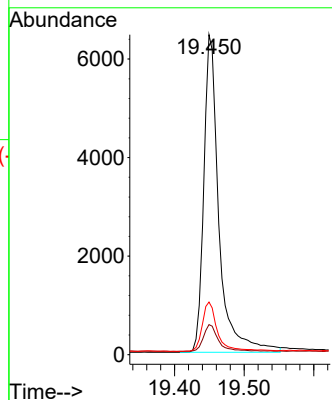
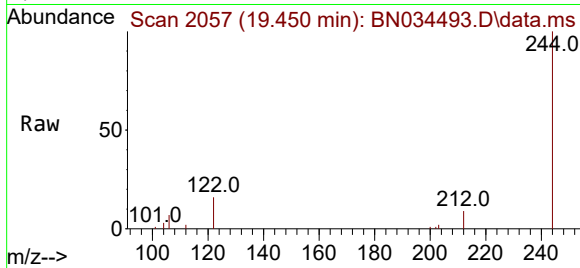




#31
 Terphenyl-d14
 Concen: 0.504 ng
 RT: 19.450 min Scan# 2056
 Delta R.T. -0.018 min
 Lab File: BN034493.D
 Acq: 09 Oct 2024 06:45

Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW-01D3-20240925

Tgt Ion:	244	Resp:	9747
Ion Ratio	Lower	Upper	
244	100		
212	9.4	7.8	11.6
122	16.4	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: BN034493.D
 Acq: 09 Oct 2024 06:45

Tgt Ion:	264	Resp:	11152
Ion Ratio	Lower	Upper	
264	100		
260	26.4	21.7	32.5
265	85.9	52.1	78.1

