

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

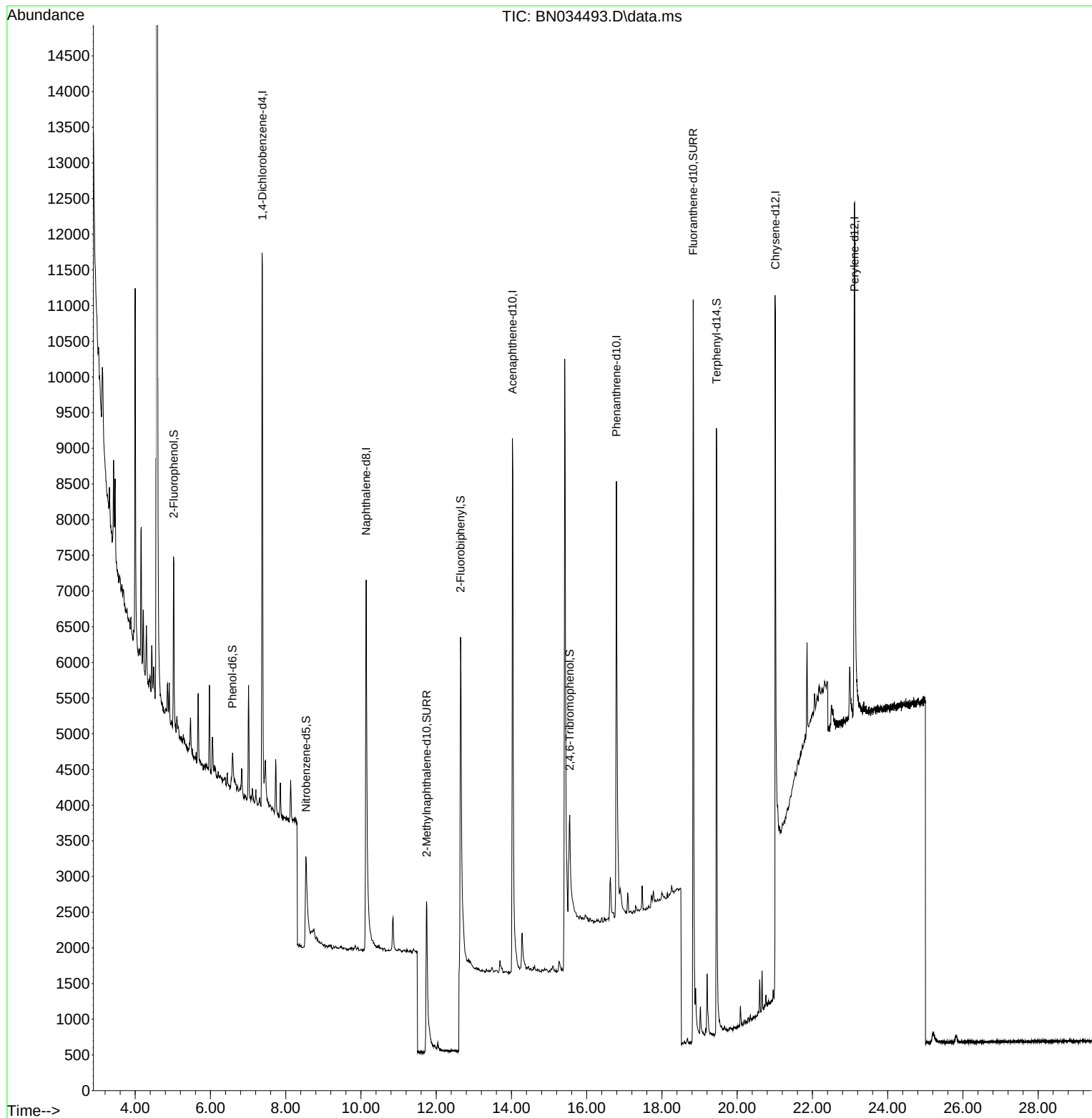
Target Compounds Qvalue

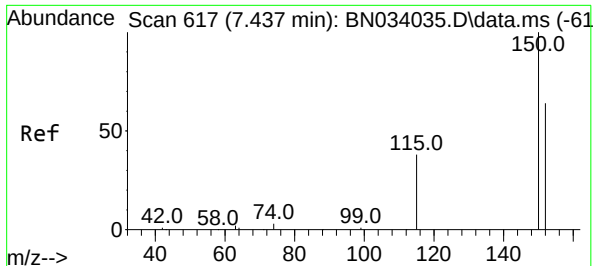
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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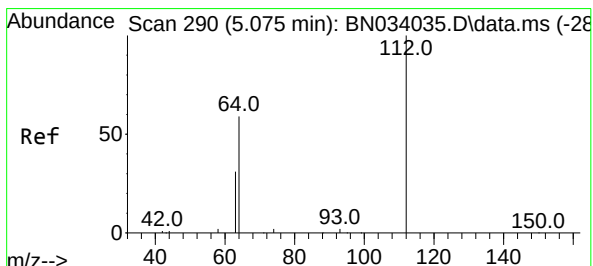
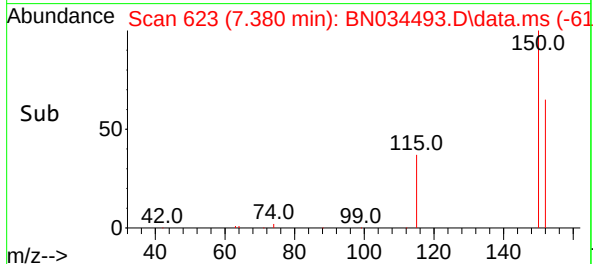
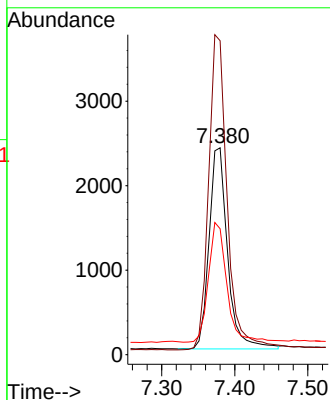
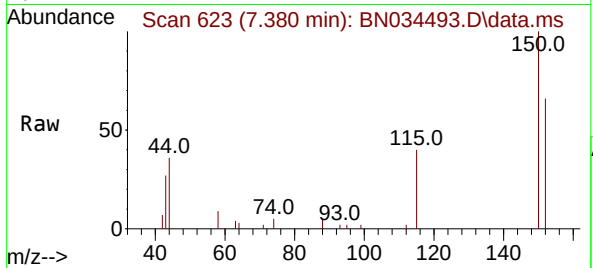




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.380 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

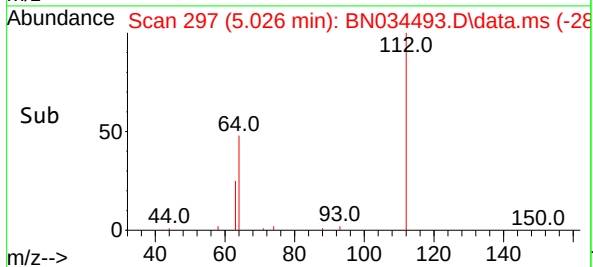
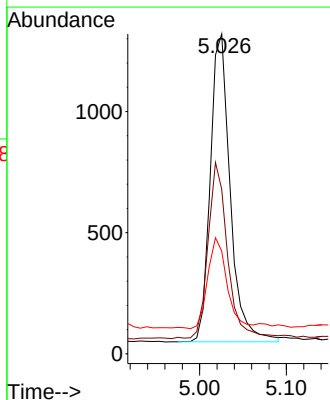
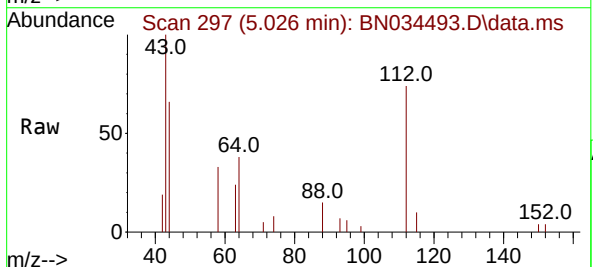
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D3-20240925

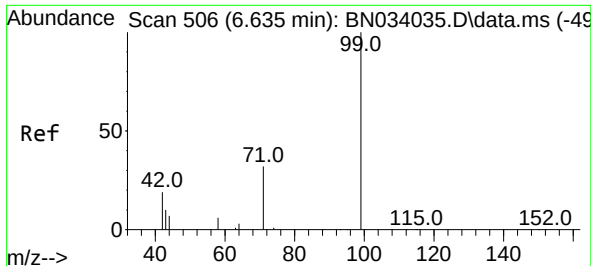
Tgt Ion:152 Resp: 4203
Ion Ratio Lower Upper
152 100
150 151.7 124.6 187.0
115 60.8 50.0 75.0



#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

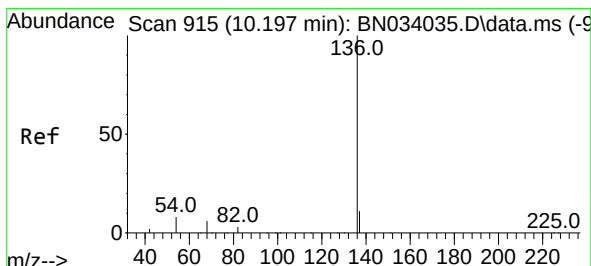
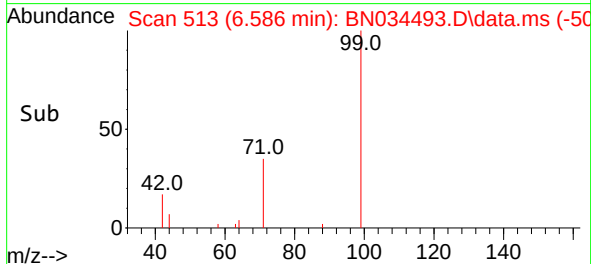
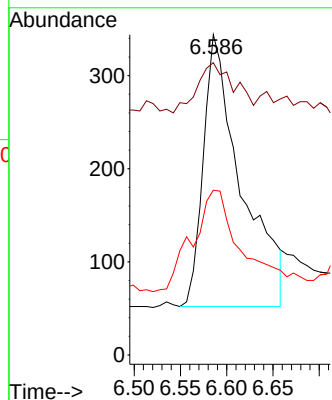
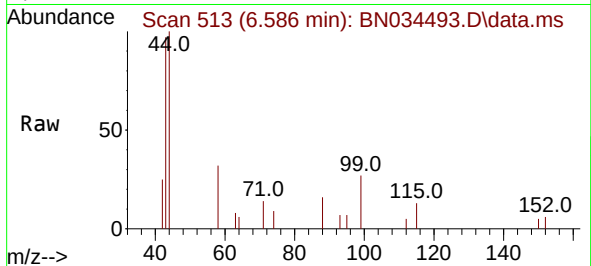




#5
Phenol-d6
Concen: 0.060 ng
RT: 6.586 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

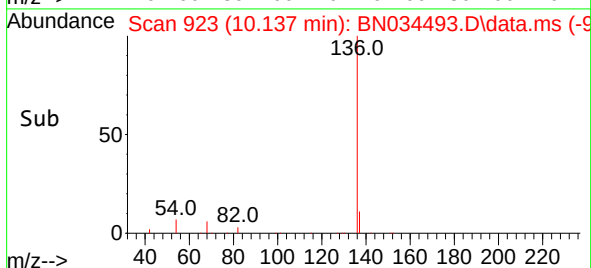
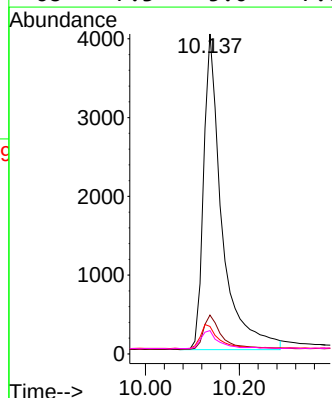
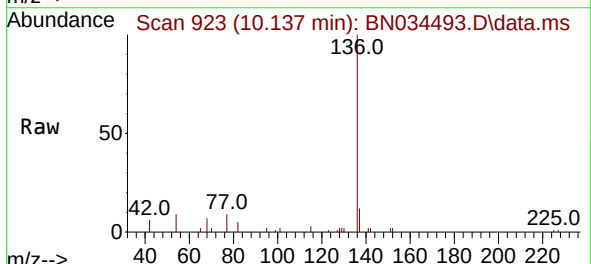
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D3-20240925

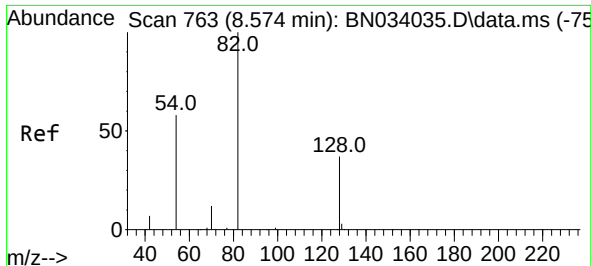
Tgt Ion: 99 Resp: 832
Ion Ratio Lower Upper
99 100
42 18.0 17.8 26.8
71 47.4 26.2 39.2#



#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

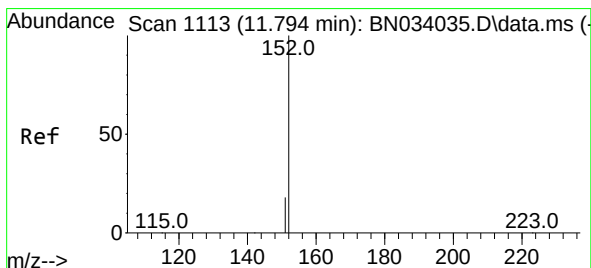
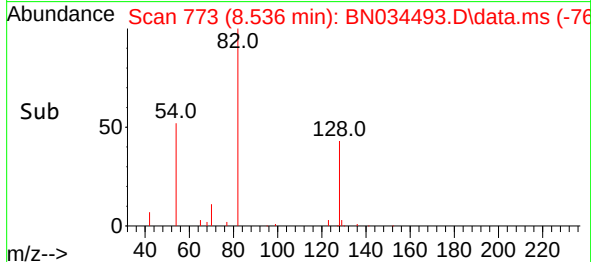
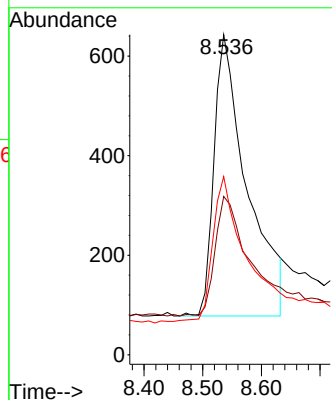
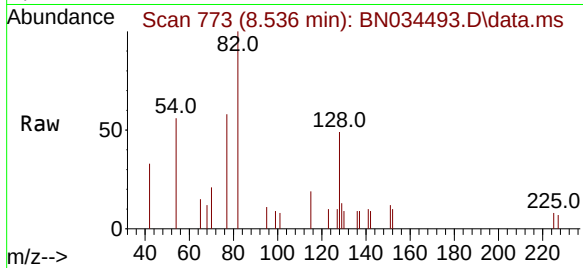




#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.536 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

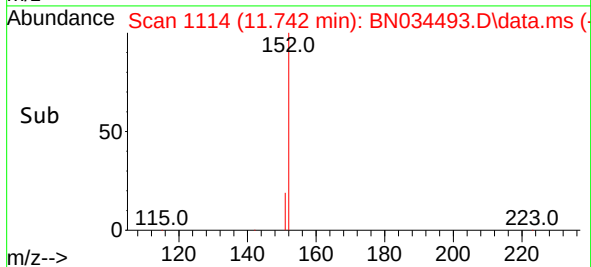
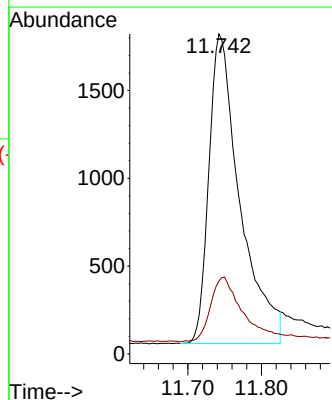
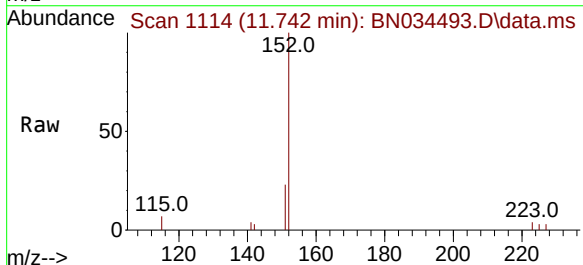
Instrument :
BNA_N
ClientSampleId :
RW9-MW-01D3-20240925

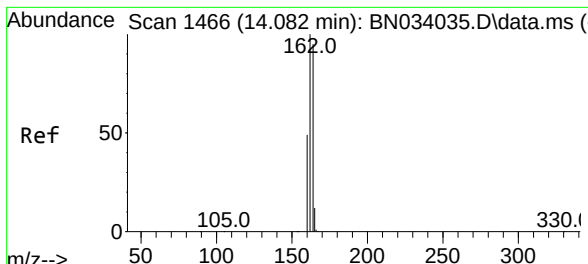
Tgt Ion: 82 Resp: 2206
Ion Ratio Lower Upper
82 100
128 49.5 31.4 47.2#
54 55.7 47.4 71.0



#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

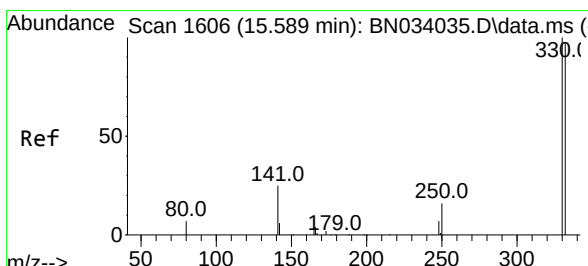
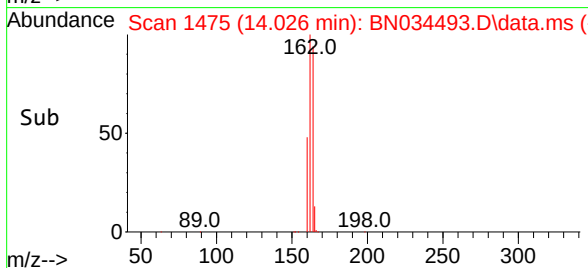
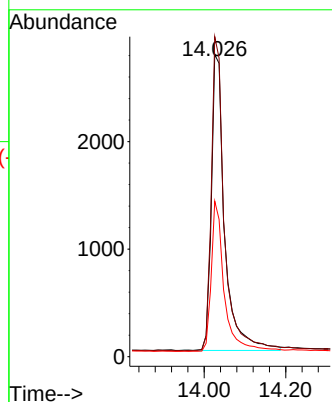
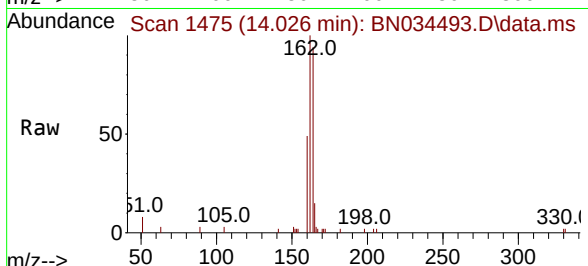




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.026 min Scan# 14
 Delta R.T. -0.021 min
 Lab File: BN034493.D
 Acq: 09 Oct 2024 06:45

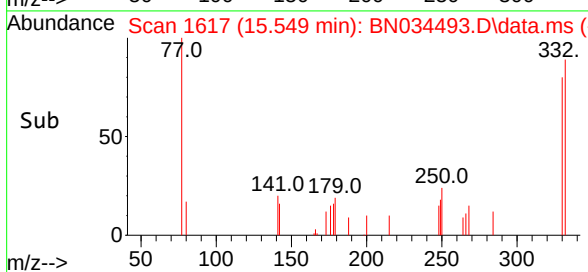
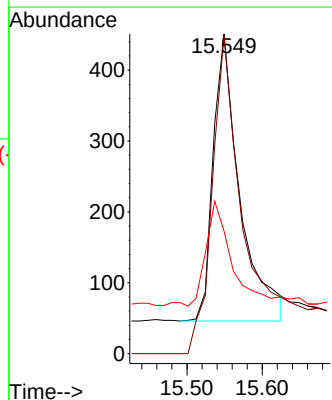
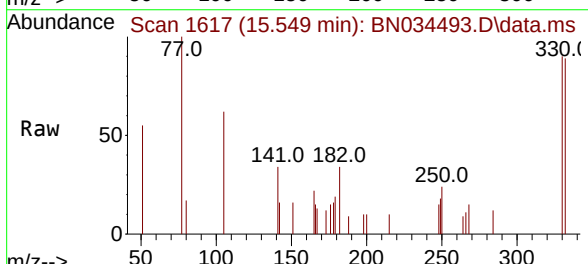
Instrument :
 BNA_N
 ClientSampleId :
 RW9-MW-01D3-20240925

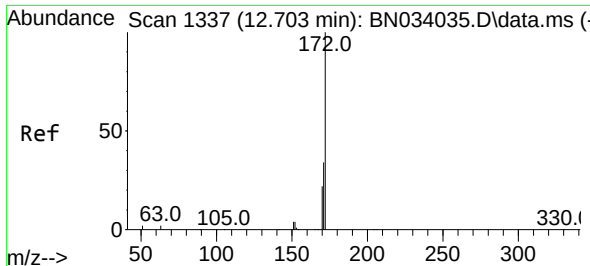
Tgt Ion:	164	Resp:	6279
Ion	Ratio	Lower	Upper
164	100		
162	105.9	84.2	126.2
160	51.5	41.7	62.5



#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#

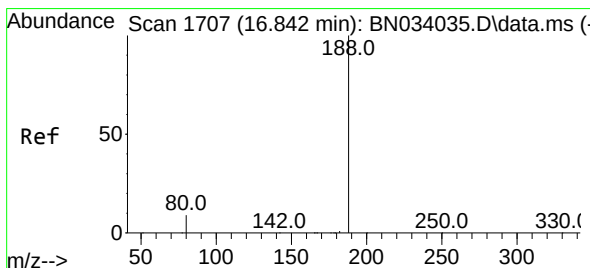
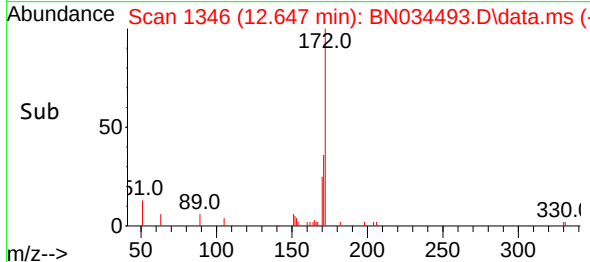
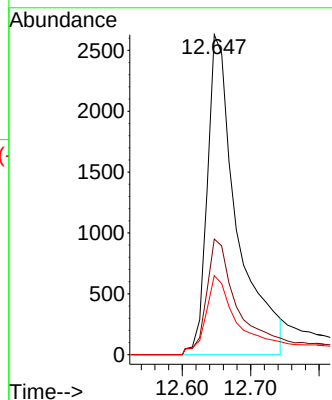
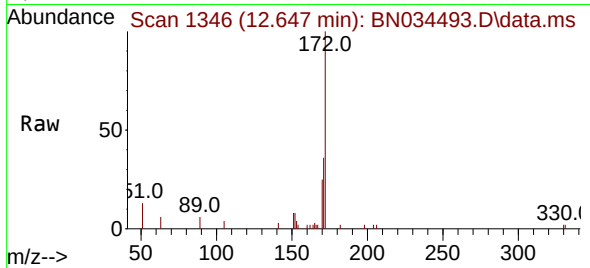




#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.647 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

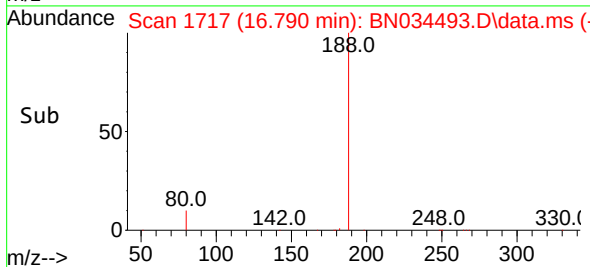
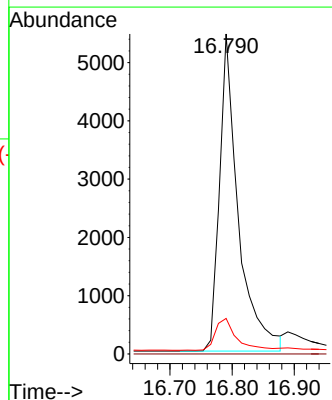
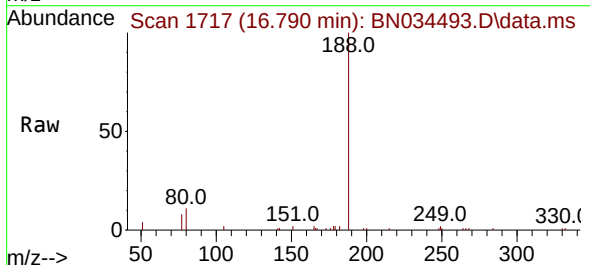
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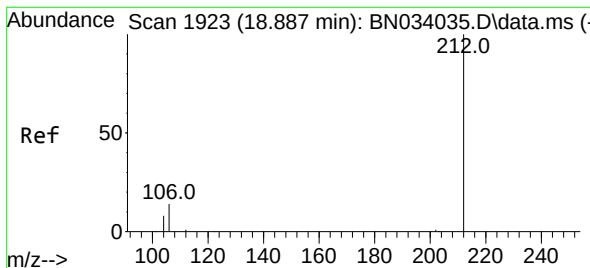
Tgt Ion:	172	Resp:	7269
Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.3	40.9
170	24.7	18.1	27.1



#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





#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

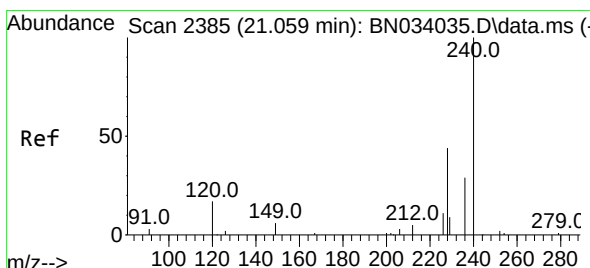
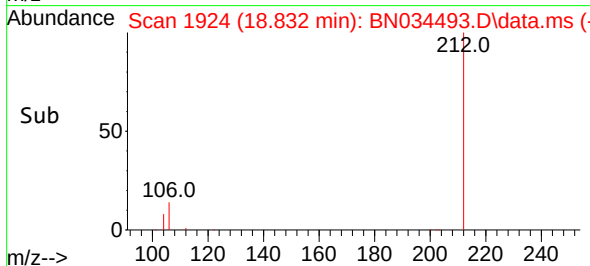
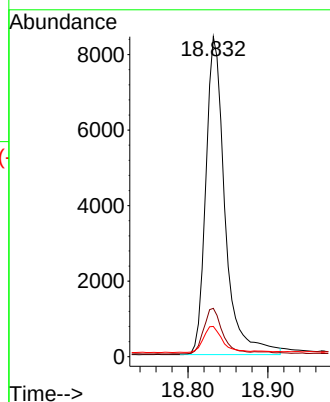
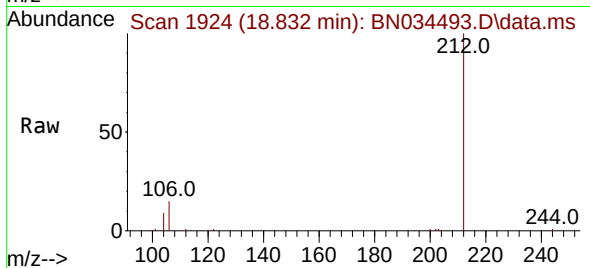
Tgt Ion:212 Resp: 14012

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

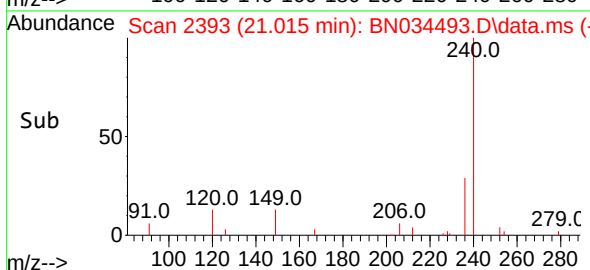
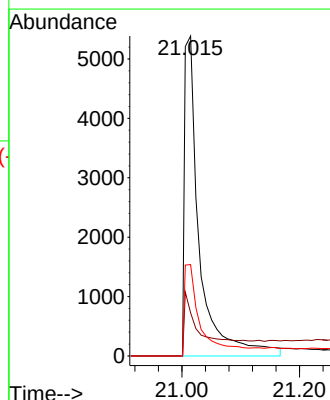
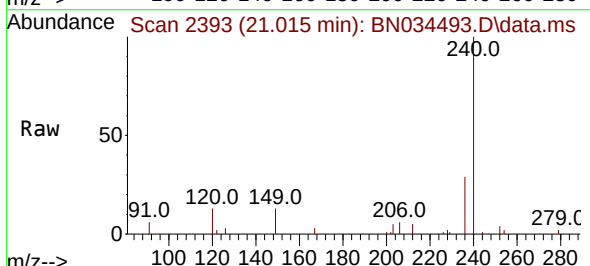
Tgt Ion:240 Resp: 9683

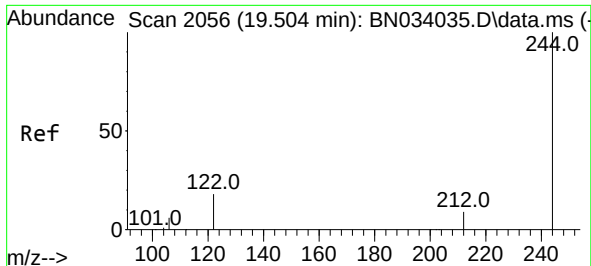
Ion Ratio Lower Upper

240 100

120 13.5 13.5 20.3#

236 28.5 23.4 35.0

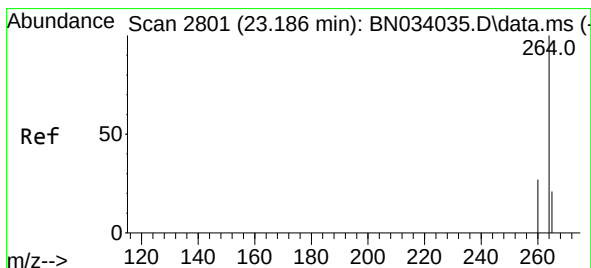
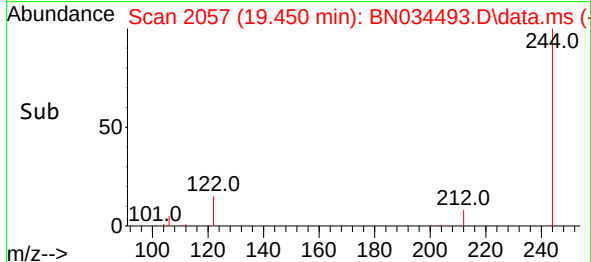
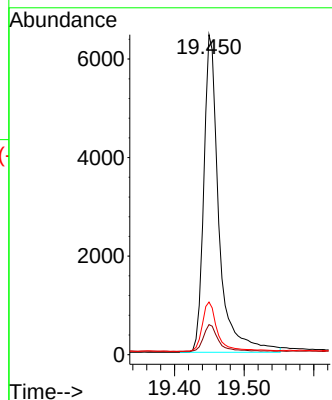
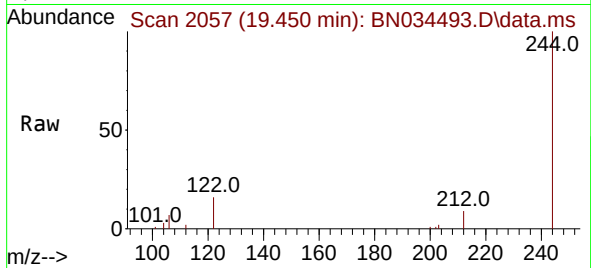




#31
Terphenyl-d14
Concen: 0.504 ng
RT: 19.450 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BN034493.D
Acq: 09 Oct 2024 06:45

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#

