

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034543.D
 Acq On : 11 Oct 2024 05:38
 Operator : RC/JU
 Sample : P4282-02
 Misc :
 ALS Vial : 119 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20241002

Quant Time: Oct 11 06:09:25 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)

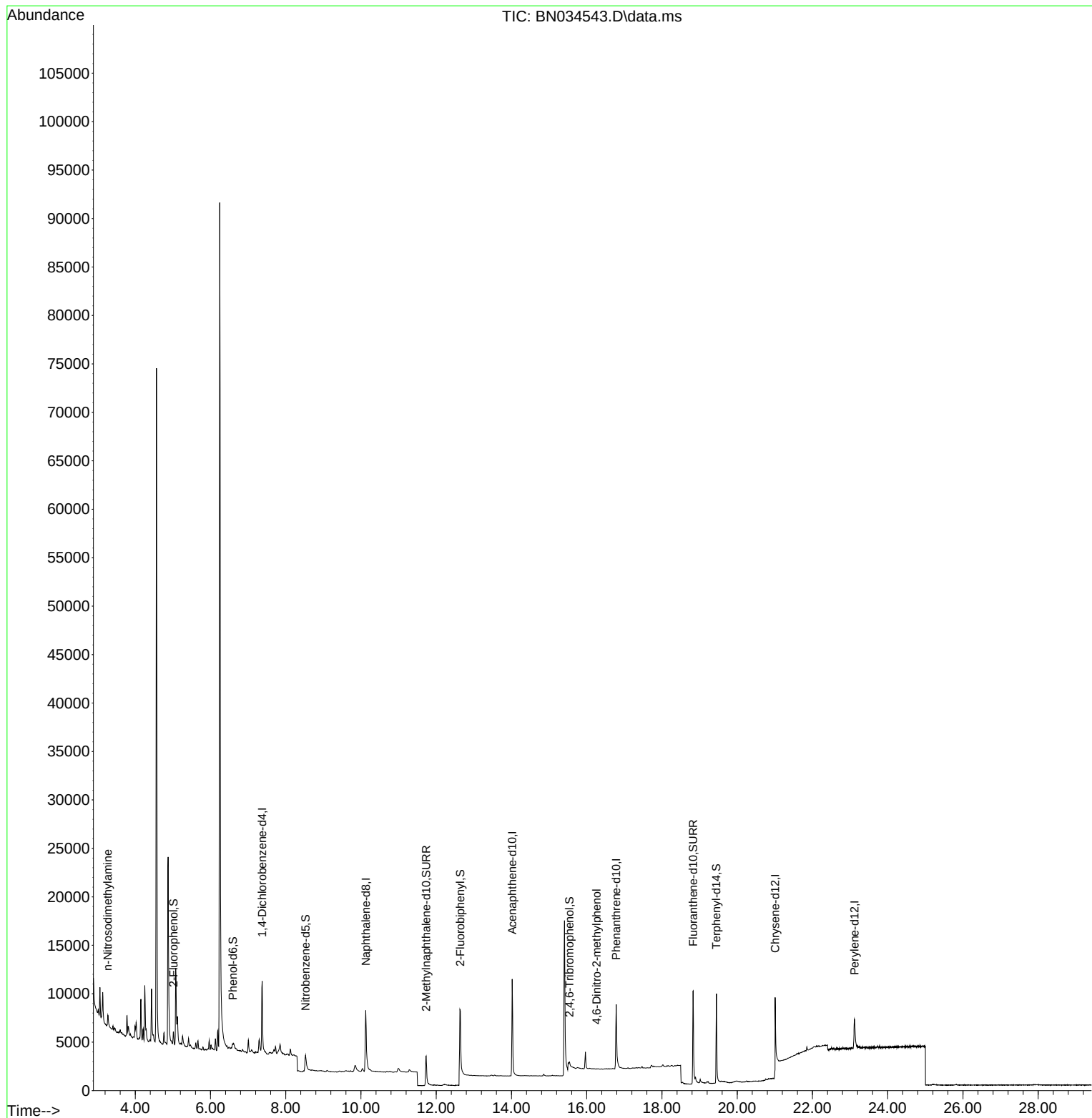
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	4054	0.400	ng	0.00
7) Naphthalene-d8	10.127	136	11158	0.400	ng	0.00
13) Acenaphthene-d10	14.019	164	6232	0.400	ng	0.00
19) Phenanthrene-d10	16.784	188	11826	0.400	ng	0.00
29) Chrysene-d12	21.008	240	6910	0.400	ng	0.00
35) Perylene-d12	23.119	264	5236	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1161	0.101	ng	0.00
5) Phenol-d6	6.593	99	611	0.046	ng	0.02
8) Nitrobenzene-d5	8.525	82	2278	0.267	ng	0.01
11) 2-Methylnaphthalene-d10	11.731	152	5663	0.344	ng	0.00
14) 2,4,6-Tribromophenol	15.542	330	389	0.138	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	8388	0.331	ng	0.00
27) Fluoranthene-d10	18.829	212	12878	0.432	ng	0.00
31) Terphenyl-d14	19.447	244	10174	0.737	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.271	42	529	0.092	ng	# 1
20) 4,6-Dinitro-2-methylph...	16.262	198	4	0.140	ng	# 1

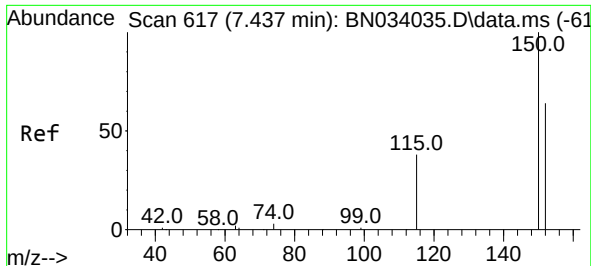
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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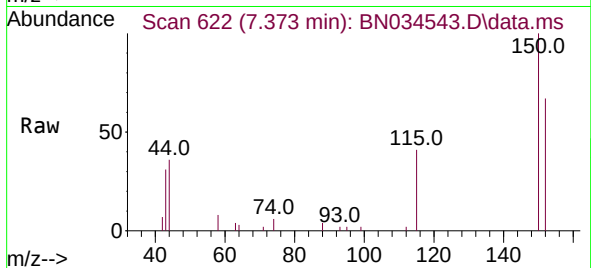
Quant Time: Oct 11 06:09:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 00:21:08 2024
Response via : Initial Calibration



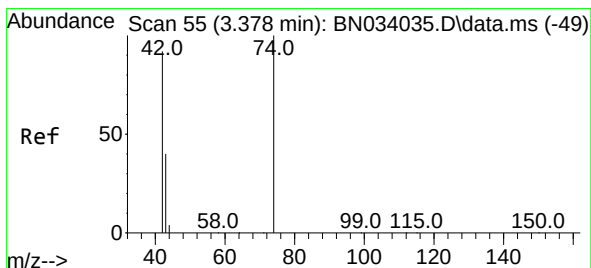
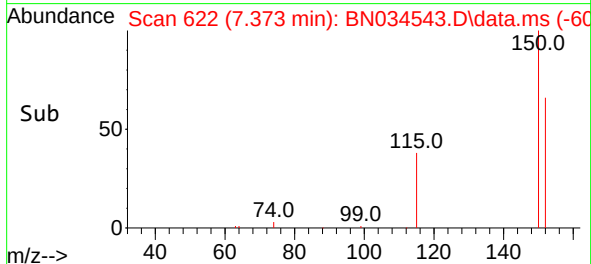
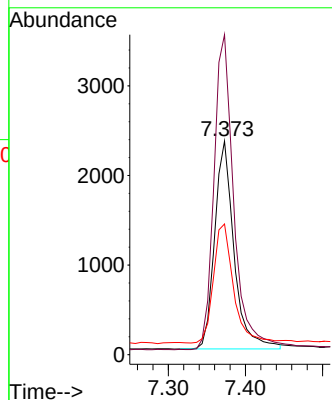


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20241002

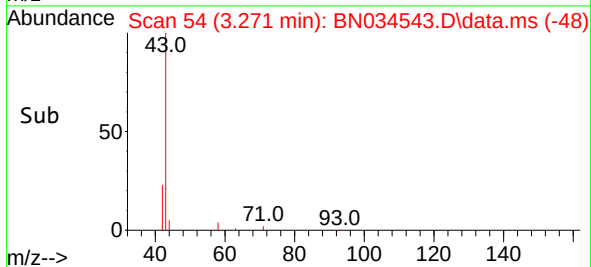
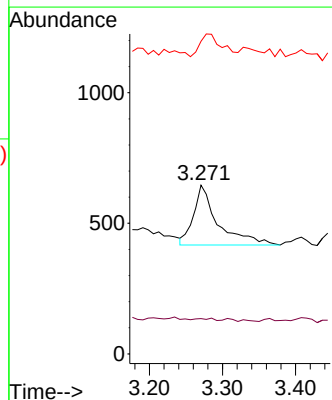
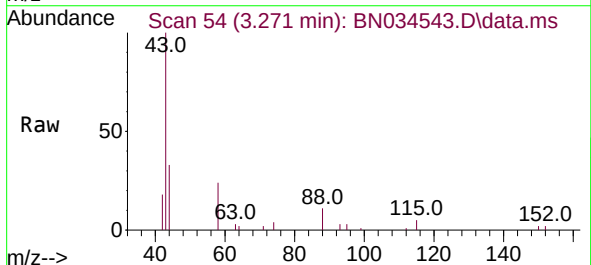


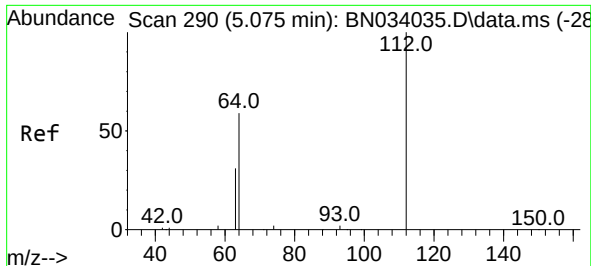
Tgt Ion:152 Resp: 4054
Ion Ratio Lower Upper
152 100
150 149.8 124.6 187.0
115 61.2 50.0 75.0



#3
n-Nitrosodimethylamine
Concen: 0.092 ng
RT: 3.271 min Scan# 54
Delta R.T. -0.058 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

Tgt Ion: 42 Resp: 529
Ion Ratio Lower Upper
42 100
74 0.0 94.6 142.0#
44 33.5 12.4 18.6#

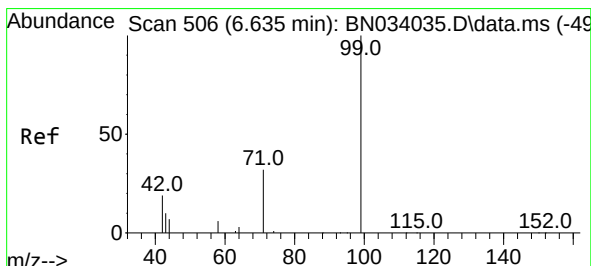
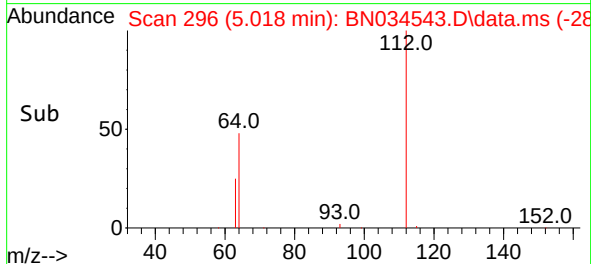
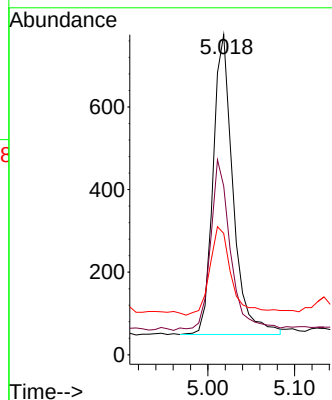
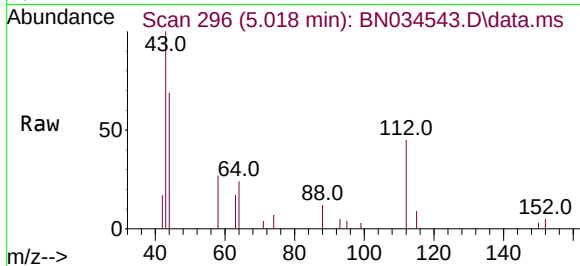




#4
2-Fluorophenol
Concen: 0.101 ng
RT: 5.018 min Scan# 290
Delta R.T. 0.007 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

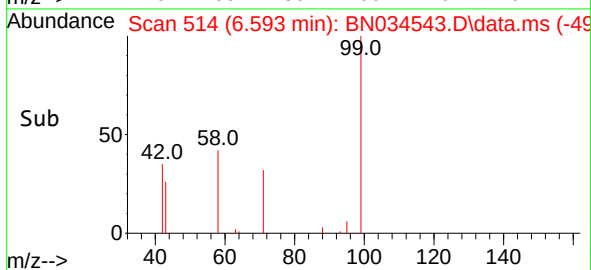
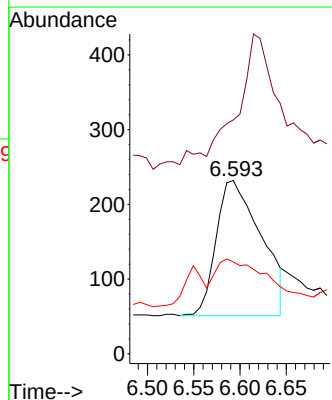
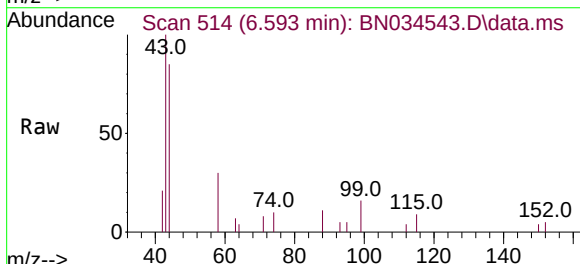
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20241002

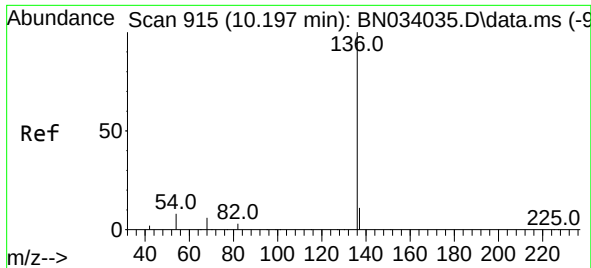
Tgt Ion:112 Resp: 1161
Ion Ratio Lower Upper
112 100
64 57.1 48.6 72.8
63 32.6 25.6 38.4



#5
Phenol-d6
Concen: 0.046 ng
RT: 6.593 min Scan# 514
Delta R.T. 0.022 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

Tgt Ion: 99 Resp: 611
Ion Ratio Lower Upper
99 100
42 0.0 17.8 26.8#
71 24.1 26.2 39.2#

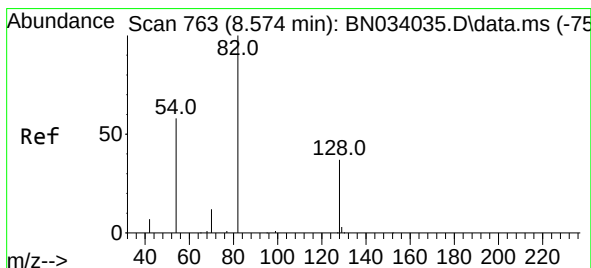
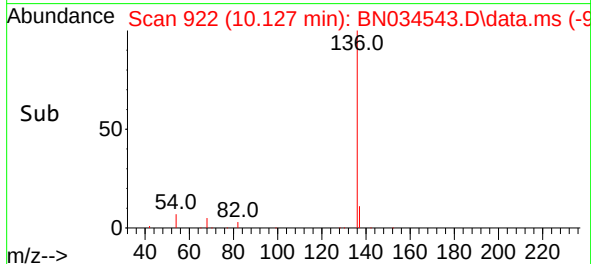
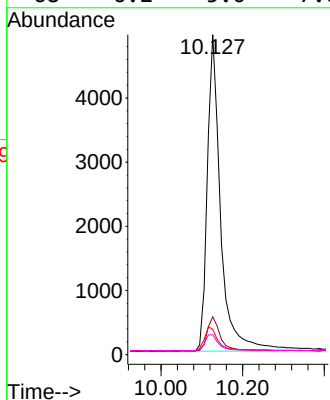
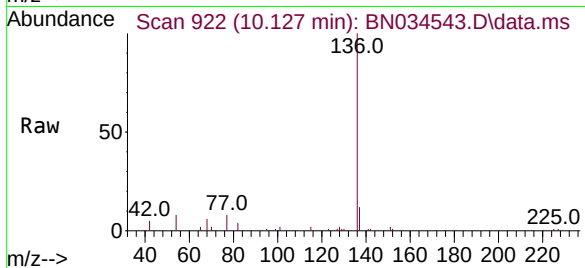




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 915
Delta R.T. 0.000 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

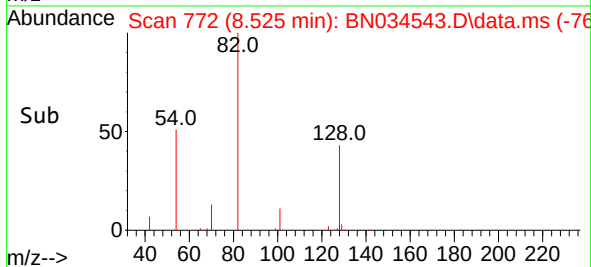
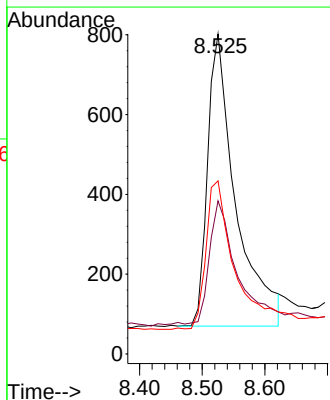
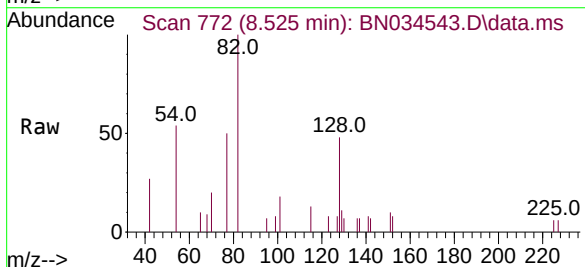
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20241002

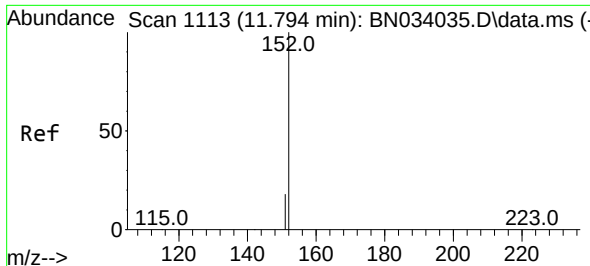
Tgt Ion:	136	Resp:	11158
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.0	13.6
54	7.9	6.8	10.2
68	6.2	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.267 ng
RT: 8.525 min Scan# 772
Delta R.T. 0.011 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

Tgt Ion:	82	Resp:	2278
Ion	Ratio	Lower	Upper
82	100		
128	47.9	31.4	47.2#
54	54.1	47.4	71.0

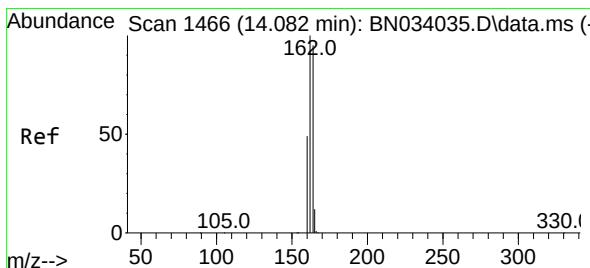
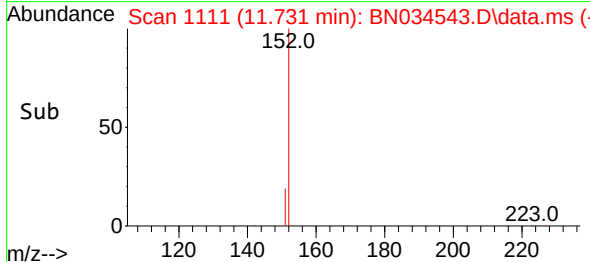
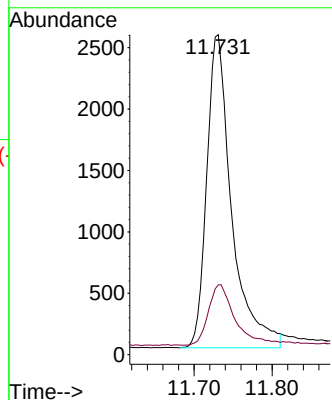
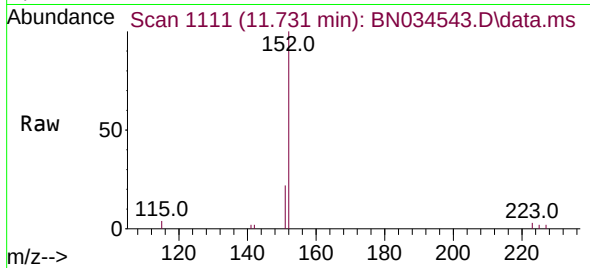




#11
2-Methylnaphthalene-d10
Concen: 0.344 ng
RT: 11.731 min Scan# 1111
Delta R.T. 0.004 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

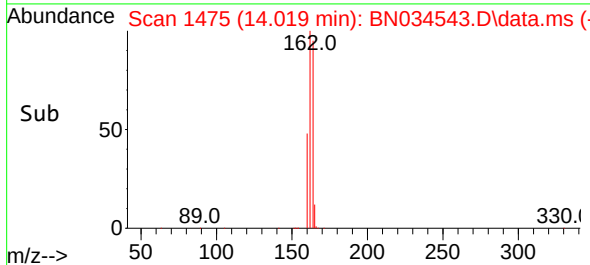
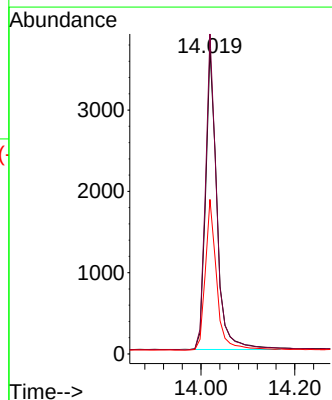
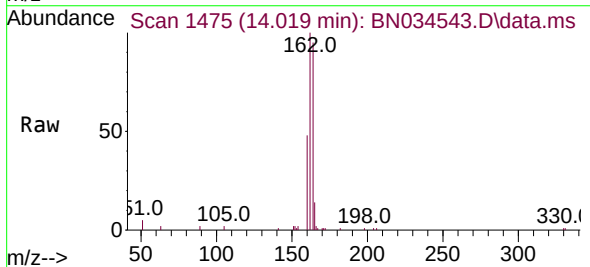
Instrument :
BNA_N
ClientSampleId :
RW7-SP201-20241002

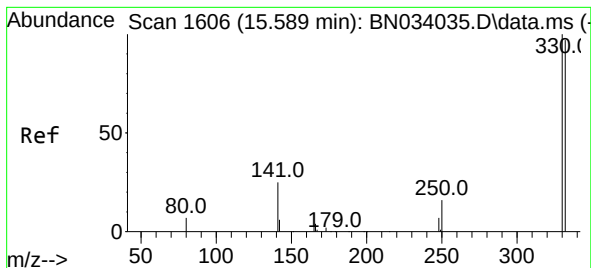
Tgt Ion:152 Resp: 5663
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.019 min Scan# 1475
Delta R.T. 0.004 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

Tgt Ion:164 Resp: 6232
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.2
160 50.7 41.7 62.5

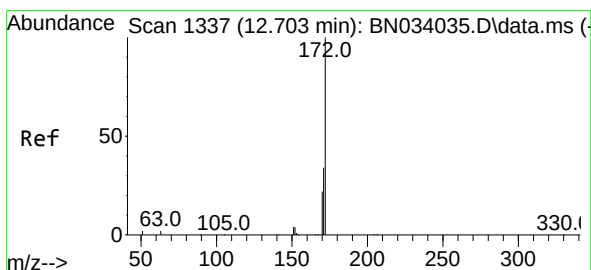
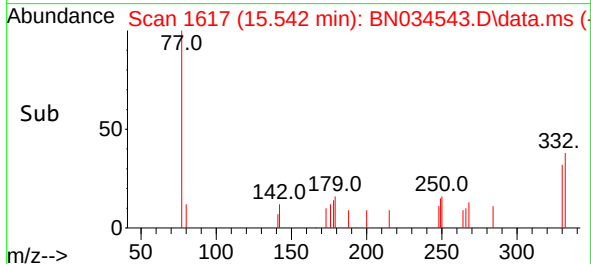
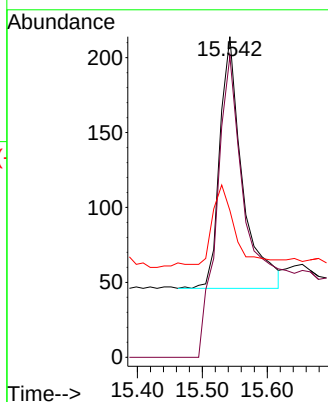
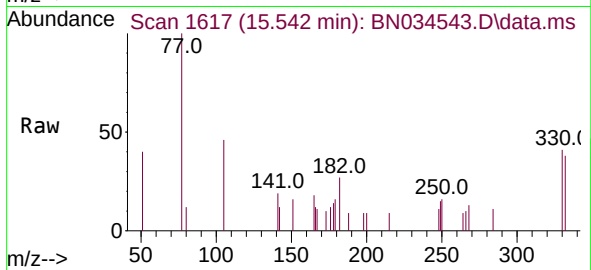




#14
2,4,6-Tribromophenol
Concen: 0.138 ng
RT: 15.542 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

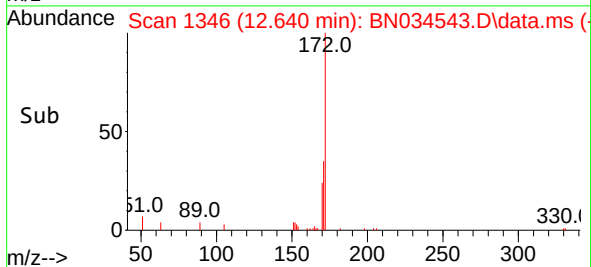
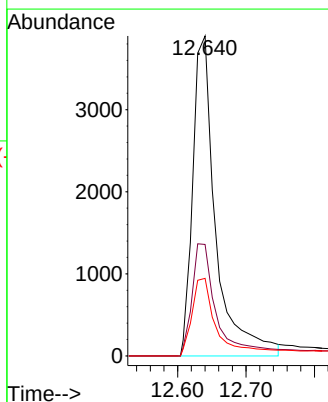
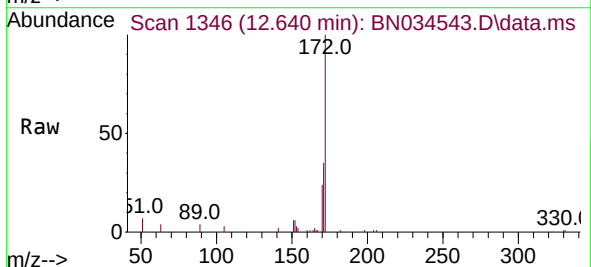
Instrument :
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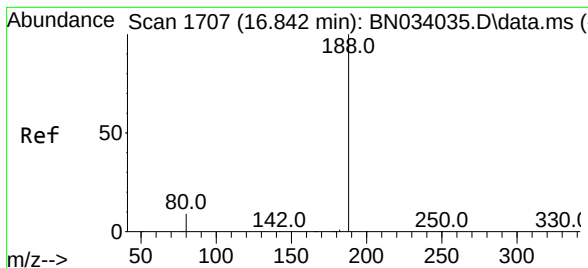
Tgt Ion:330 Resp: 389
Ion Ratio Lower Upper
330 100
332 200.5 77.4 116.0#
141 30.8 35.9 53.9#



#15
2-Fluorobiphenyl
Concen: 0.331 ng
RT: 12.640 min Scan# 1346
Delta R.T. 0.004 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

Tgt Ion:172 Resp: 8388
Ion Ratio Lower Upper
172 100
171 34.8 27.3 40.9
170 24.2 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.784 min Scan# 1

Delta R.T. 0.005 min

Lab File: BN034543.D

Acq: 11 Oct 2024 05:38

Instrument :

BNA_N

ClientSampleId :

RW7-SP201-20241002

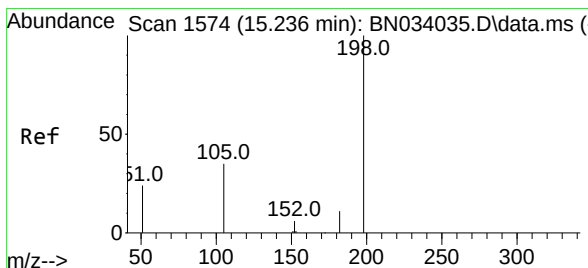
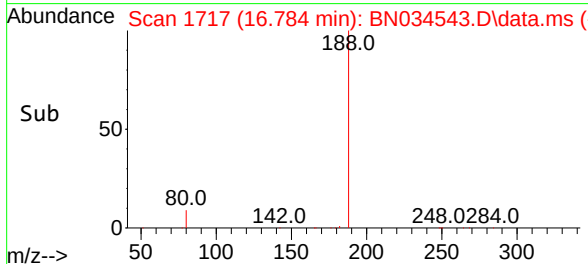
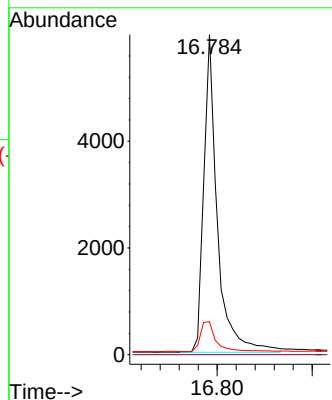
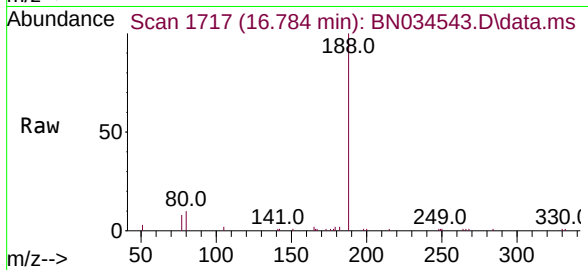
Tgt Ion:188 Resp: 11826

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.3 7.4 11.0



#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 16.262 min Scan# 1675

Delta R.T. -0.019 min

Lab File: BN034543.D

Acq: 11 Oct 2024 05:38

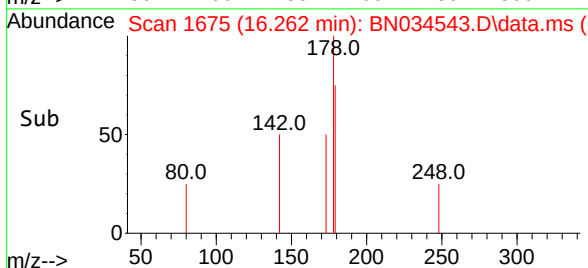
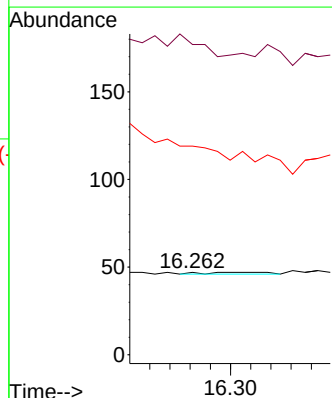
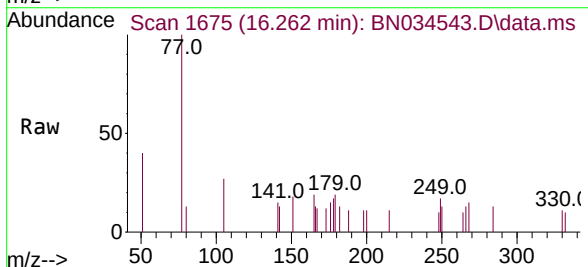
Tgt Ion:198 Resp: 4

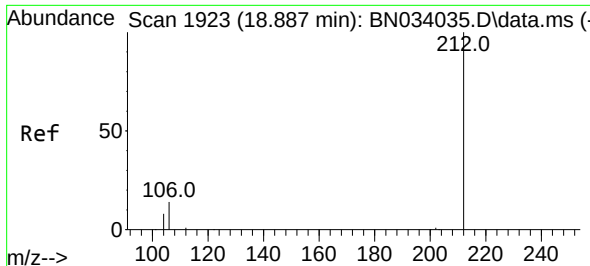
Ion Ratio Lower Upper

198 100

51 376.6 106.4 159.6#

105 253.2 38.5 57.7#

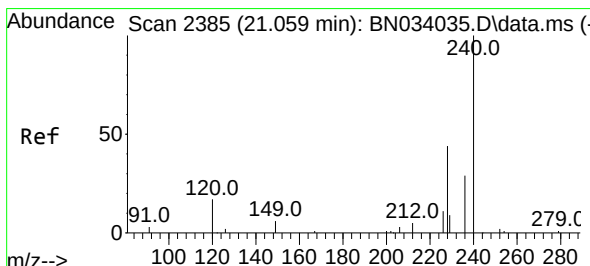
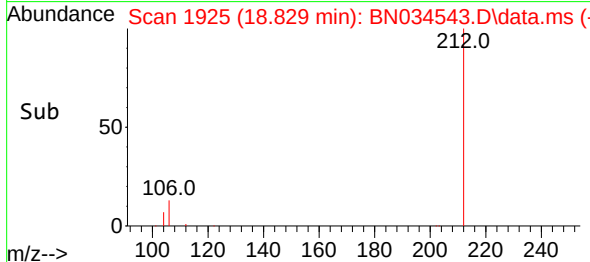
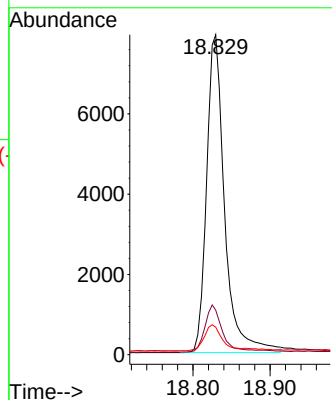
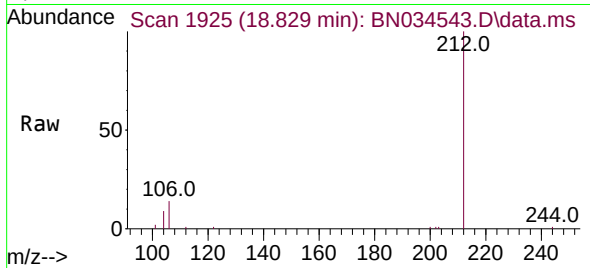




#27
Fluoranthene-d10
Concen: 0.432 ng
RT: 18.829 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

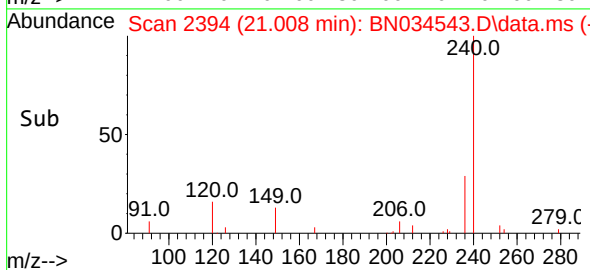
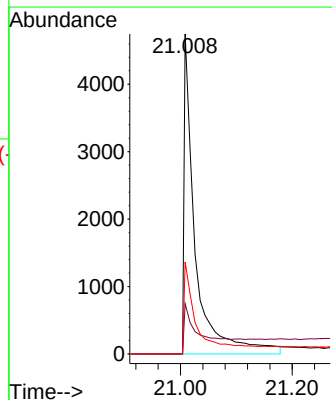
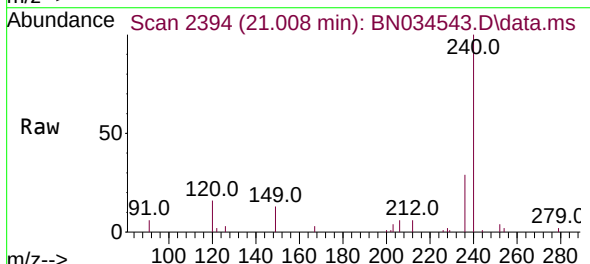
Instrument :
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RW7-SP201-20241002

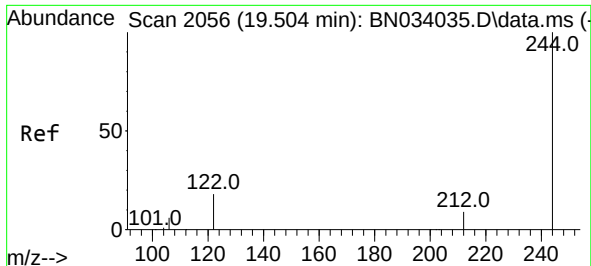
Tgt Ion:212 Resp: 12878
Ion Ratio Lower Upper
212 100
106 14.6 13.4 20.2
104 8.8 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 2394
Delta R.T. 0.002 min
Lab File: BN034543.D
Acq: 11 Oct 2024 05:38

Tgt Ion:240 Resp: 6910
Ion Ratio Lower Upper
240 100
120 15.7 13.5 20.3
236 28.8 23.4 35.0

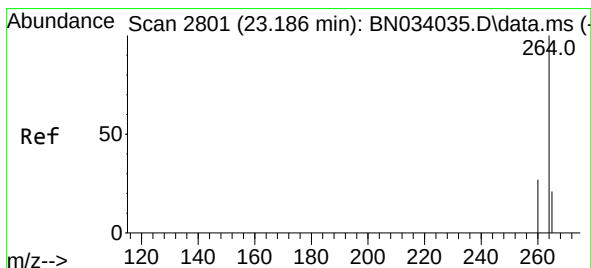
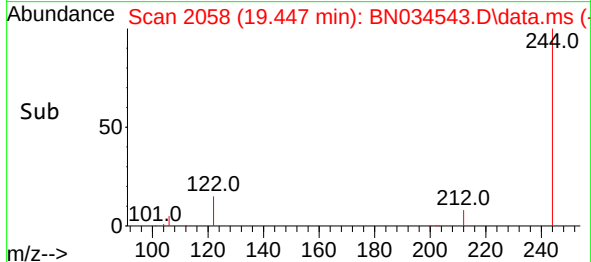
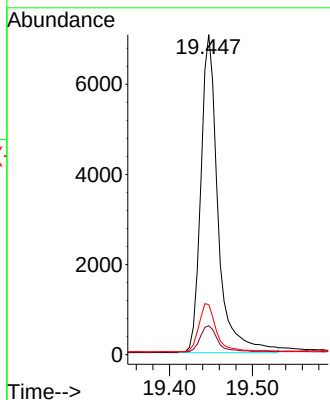
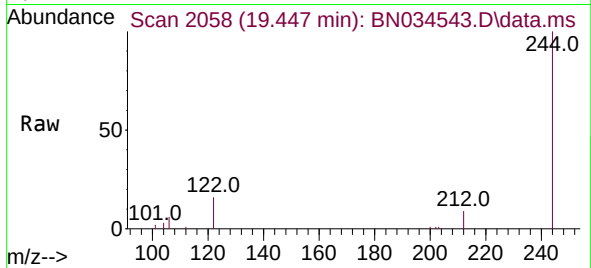




#31
 Terphenyl-d14
 Concen: 0.737 ng
 RT: 19.447 min Scan# 2056
 Delta R.T. -0.002 min
 Lab File: BN034543.D
 Acq: 11 Oct 2024 05:38

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP201-20241002

Tgt Ion:244	Resp:	10174
Ion Ratio	Lower	Upper
244	100	
212	9.1	7.8 11.6
122	15.7	14.8 22.2



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.119 min Scan# 2794
 Delta R.T. 0.005 min
 Lab File: BN034543.D
 Acq: 11 Oct 2024 05:38

Tgt Ion:264	Resp:	5236
Ion Ratio	Lower	Upper
264	100	
260	26.6	21.7 32.5
265	150.7	52.1 78.1

