

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
 Data File : BN036734.D
 Acq On : 27 Mar 2025 12:50
 Operator : RC/JU
 Sample : Q1621-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250320

Quant Time: Mar 27 13:22:39 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

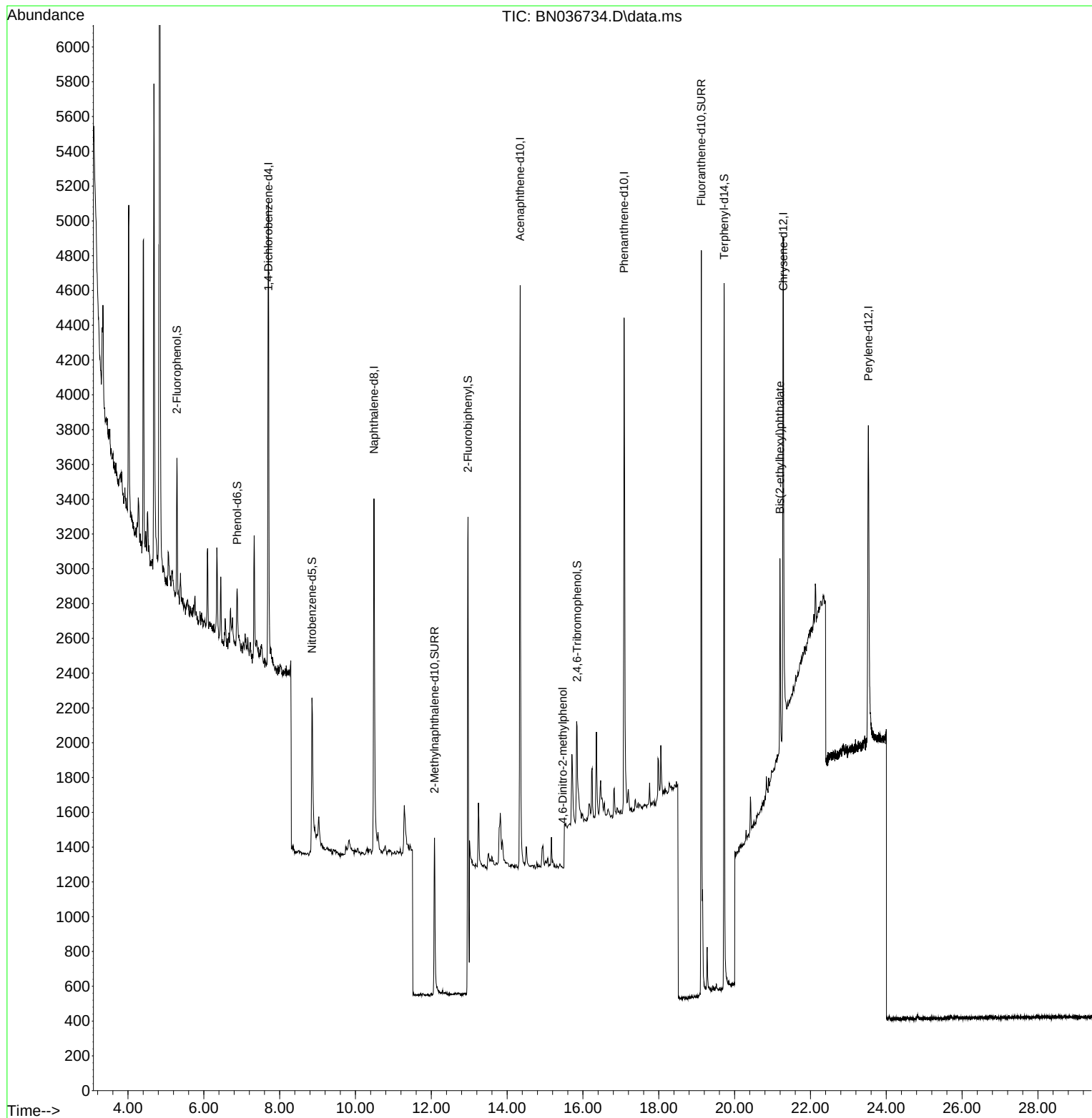
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.703	152	1396	0.400	ng	-0.02
7) Naphthalene-d8	10.488	136	3220	0.400	ng	-0.02
13) Acenaphthene-d10	14.345	164	2006	0.400	ng	-0.02
19) Phenanthrene-d10	17.087	188	4443	0.400	ng	#-0.02
29) Chrysene-d12	21.286	240	3732	0.400	ng	0.00
35) Perylene-d12	23.528	264	3167	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	579	0.178	ng	-0.02
5) Phenol-d6	6.879	99	398	0.099	ng	-0.02
8) Nitrobenzene-d5	8.854	82	1081	0.309	ng	-0.02
11) 2-Methylnaphthalene-d10	12.086	152	1507	0.315	ng	-0.03
14) 2,4,6-Tribromophenol	15.845	330	436	0.479	ng	-0.01
15) 2-Fluorobiphenyl	12.968	172	4058	0.348	ng	-0.02
27) Fluoranthene-d10	19.122	212	5090	0.447	ng	-0.02
31) Terphenyl-d14	19.726	244	4150	0.464	ng	-0.02
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	15.467	198	1	0.147	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.196	149	1147	0.124	ng	94

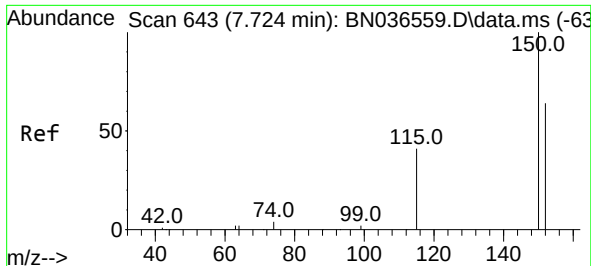
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_N
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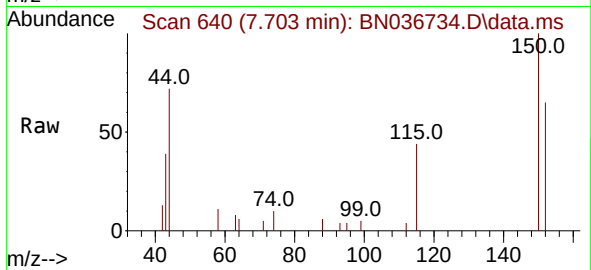
Quant Time: Mar 27 13:22:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



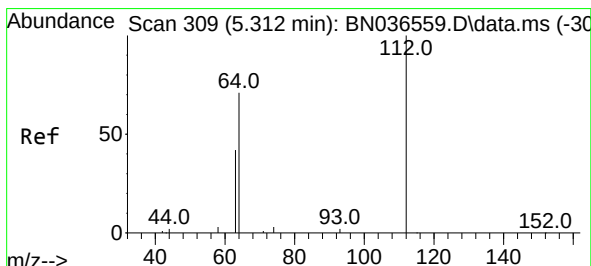
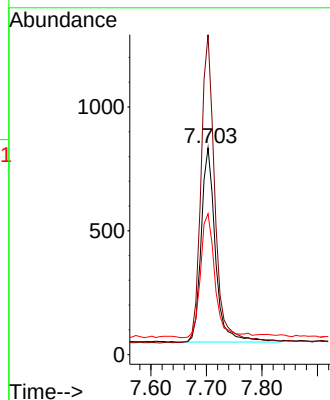
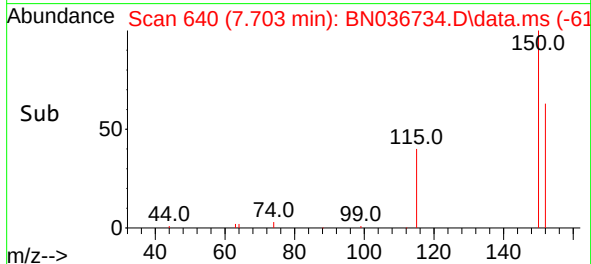


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.703 min Scan# 64
Delta R.T. -0.021 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250320

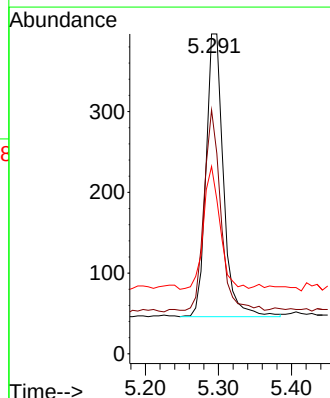
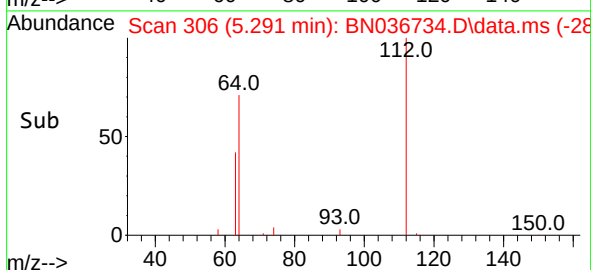
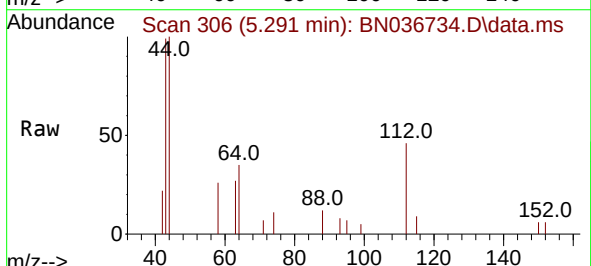


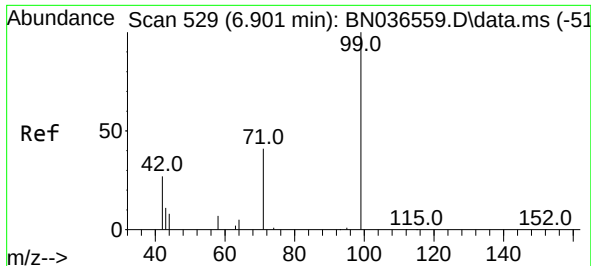
Tgt Ion:152 Resp: 1396
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 68.1 54.3 81.5



#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.291 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

Tgt Ion:112 Resp: 579
Ion Ratio Lower Upper
112 100
64 67.9 53.1 79.7
63 41.3 31.8 47.8

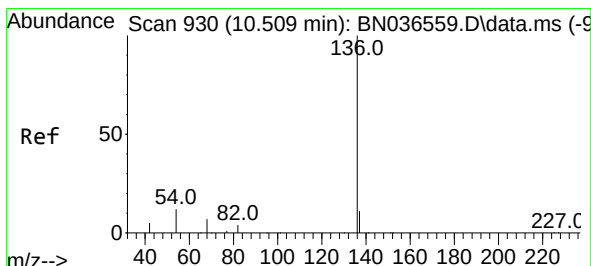
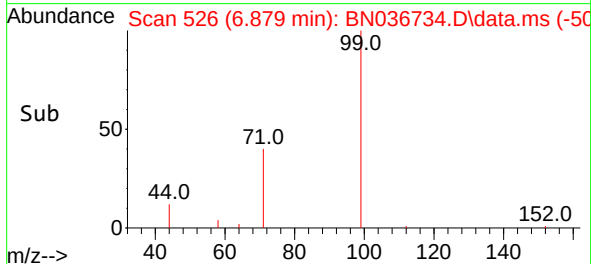
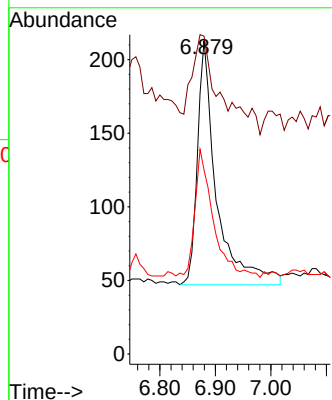
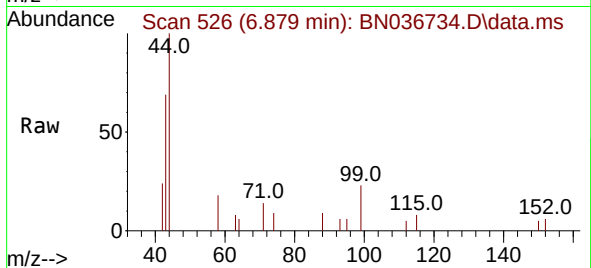




#5
Phenol-d6
Concen: 0.099 ng
RT: 6.879 min Scan# 51
Delta R.T. -0.022 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

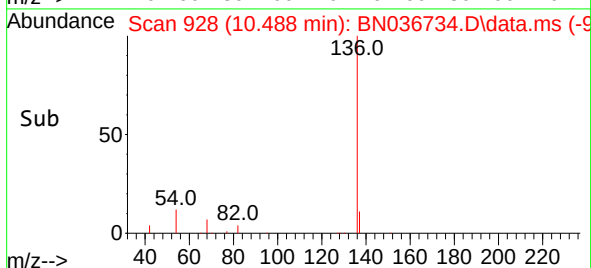
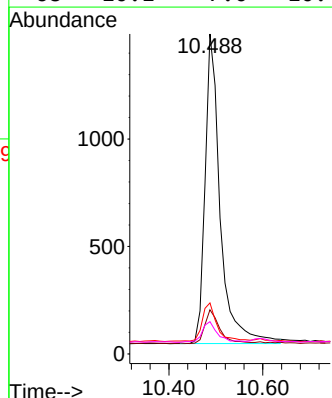
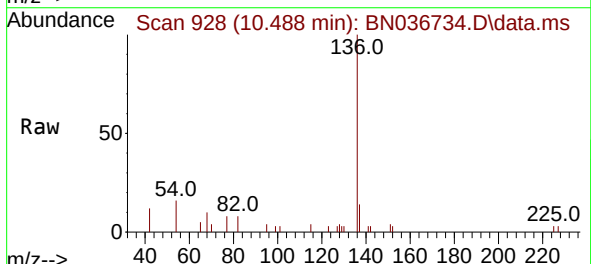
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250320

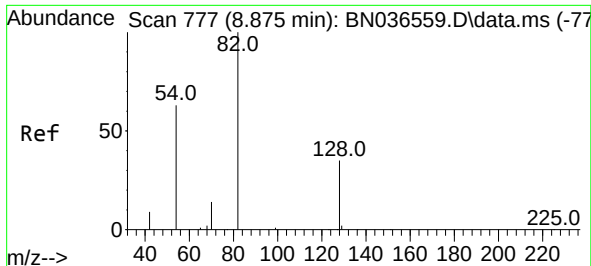
Tgt Ion: 99 Resp: 398
Ion Ratio Lower Upper
99 100
42 30.9 26.5 39.7
71 50.5 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.488 min Scan# 928
Delta R.T. -0.021 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

Tgt Ion: 136 Resp: 3220
Ion Ratio Lower Upper
136 100
137 13.8 10.3 15.5
54 15.9 11.5 17.3
68 10.1 7.0 10.4

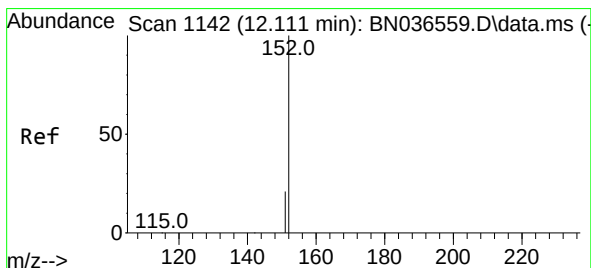
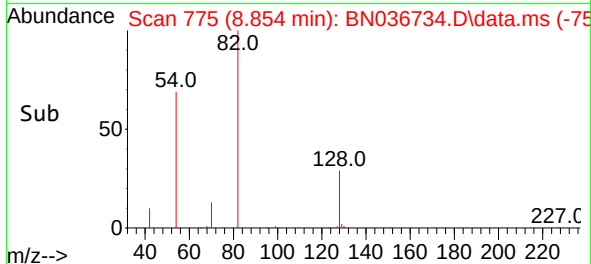
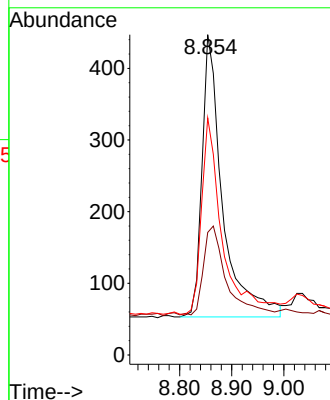
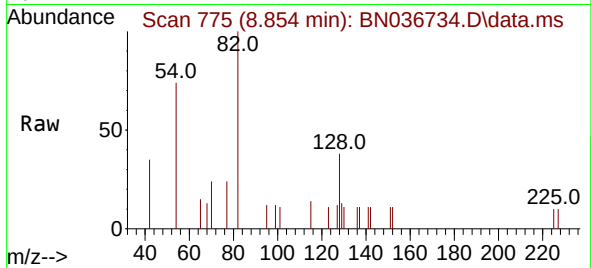




#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.854 min Scan# 71
Delta R.T. -0.021 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

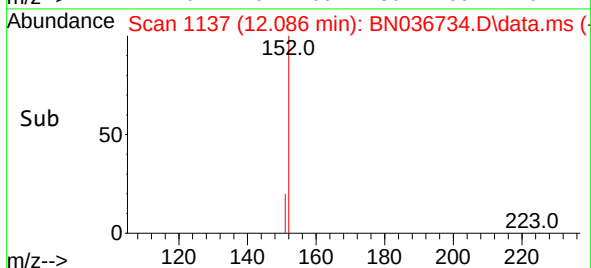
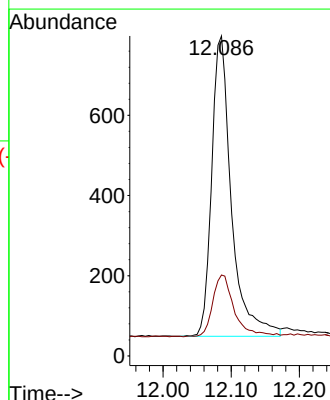
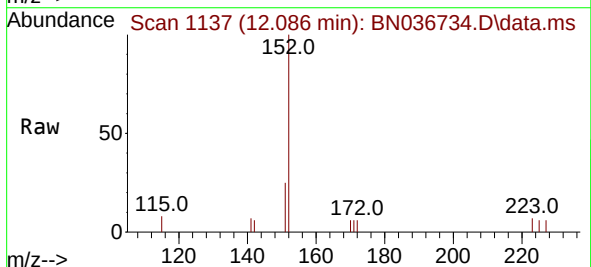
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250320

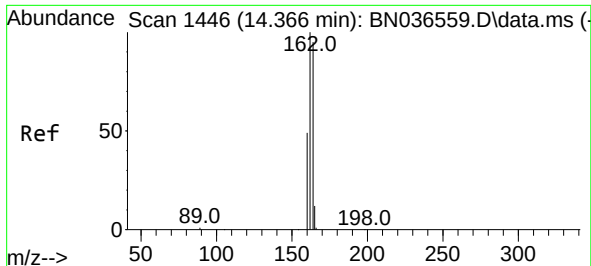
Tgt Ion:	82	Resp:	1081
Ion	Ratio	Lower	Upper
82	100		
128	38.3	30.6	45.8
54	74.0	52.2	78.4



#11
2-Methylnaphthalene-d10
Concen: 0.315 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.025 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

Tgt Ion:	152	Resp:	1507
Ion	Ratio	Lower	Upper
152	100		
151	22.8	17.0	25.6

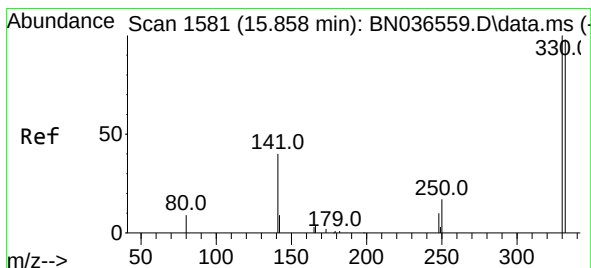
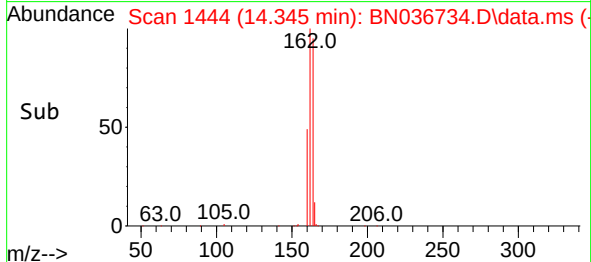
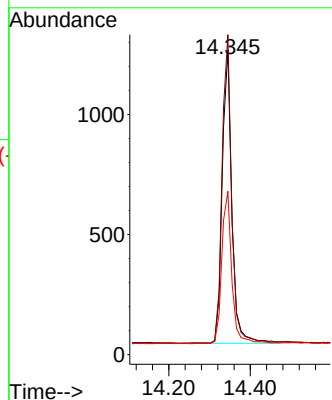
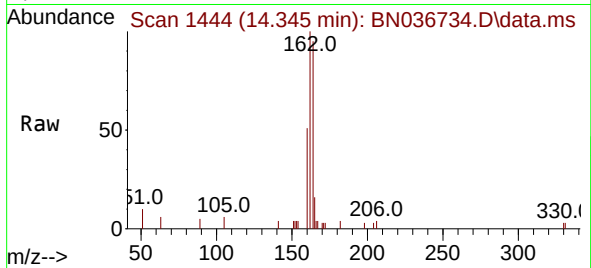




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. -0.021 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

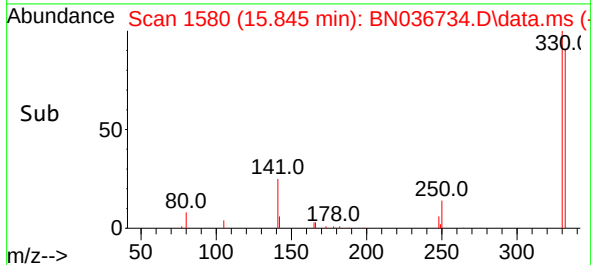
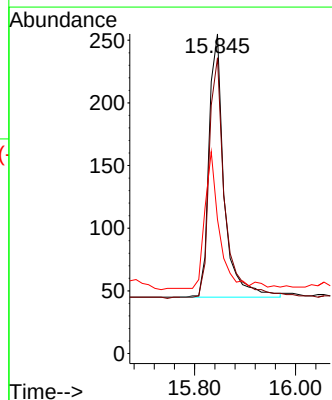
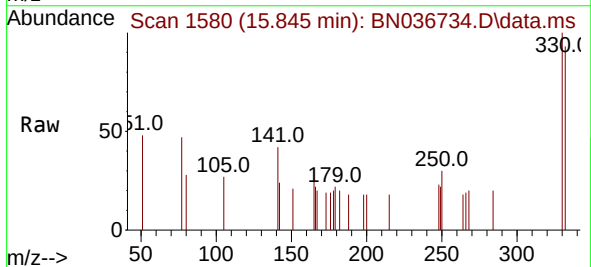
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250320

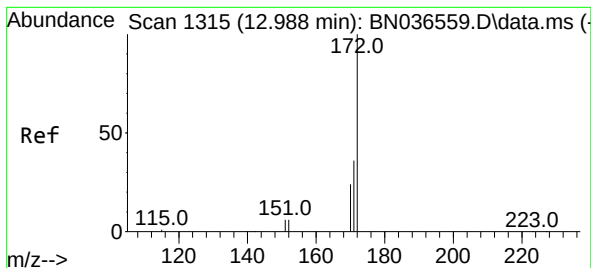
Tgt Ion:164 Resp: 2006
Ion Ratio Lower Upper
164 100
162 105.0 84.2 126.2
160 53.6 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.479 ng
RT: 15.845 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

Tgt Ion:330 Resp: 436
Ion Ratio Lower Upper
330 100
332 97.5 75.2 112.8
141 50.7 43.4 65.2





#15

2-Fluorobiphenyl

Concen: 0.348 ng

RT: 12.968 min Scan# 11

Delta R.T. -0.020 min

Lab File: BN036734.D

Acq: 27 Mar 2025 12:50

Instrument :

BNA_N

ClientSampleId :

RW5-SP201-20250320

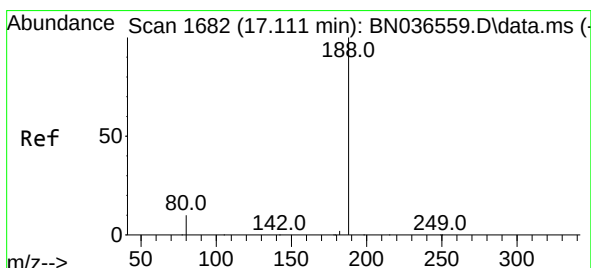
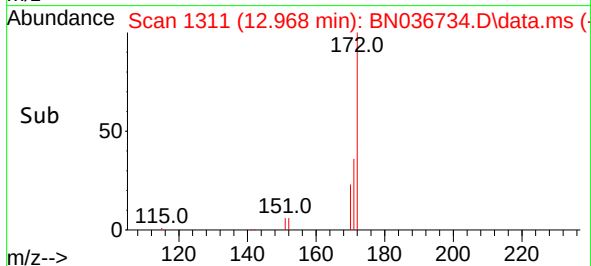
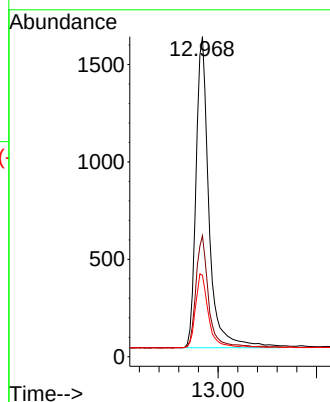
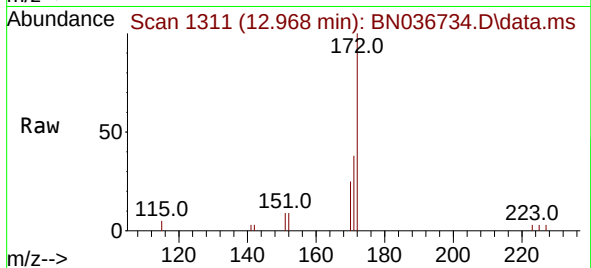
Tgt Ion:172 Resp: 4058

Ion Ratio Lower Upper

172 100

171 37.8 29.5 44.3

170 25.4 20.2 30.4



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.087 min Scan# 1680

Delta R.T. -0.025 min

Lab File: BN036734.D

Acq: 27 Mar 2025 12:50

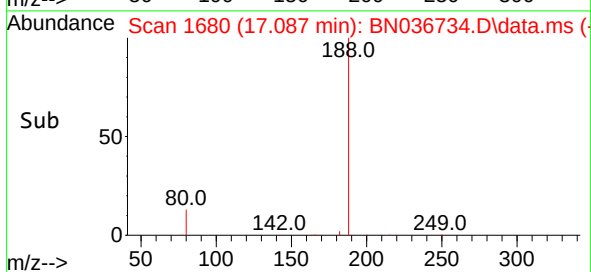
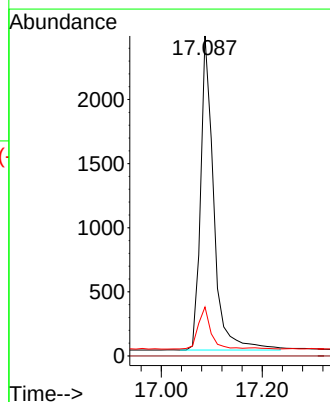
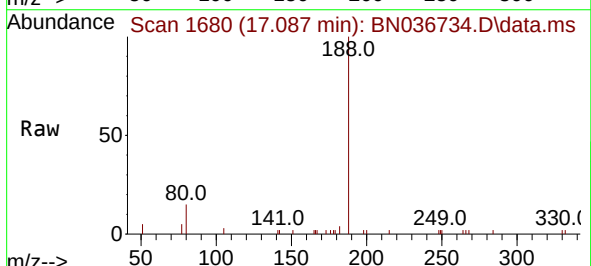
Tgt Ion:188 Resp: 4443

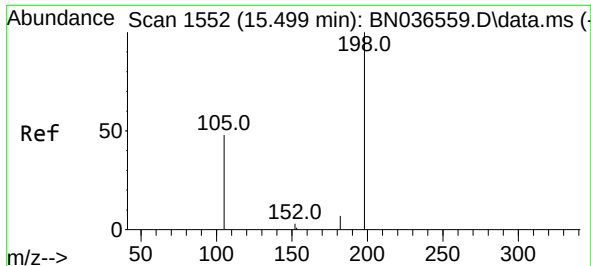
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.3 8.8 13.2#

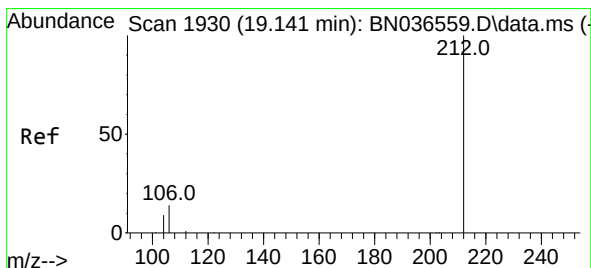
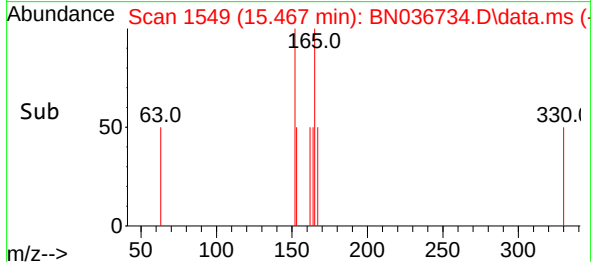
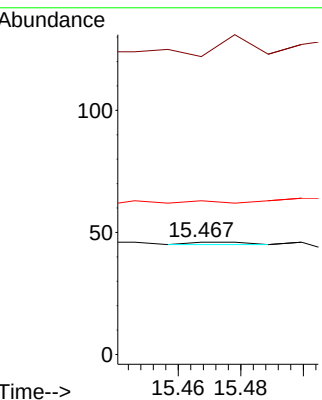
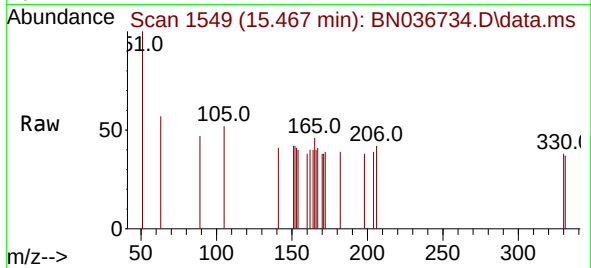




#20
4,6-Dinitro-2-methylphenol
Concen: 0.147 ng
RT: 15.467 min Scan# 1
Delta R.T. -0.032 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

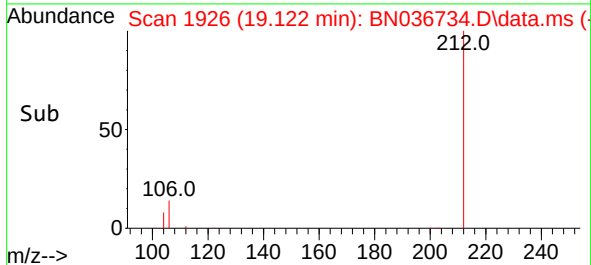
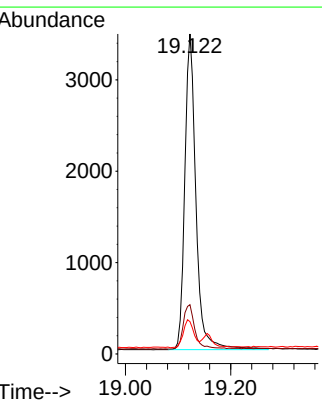
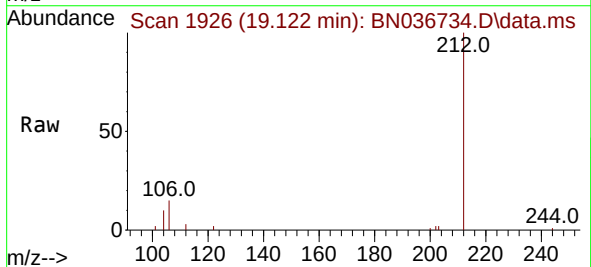
Instrument :
BNA_N
ClientSampleId :
RW5-SP201-20250320

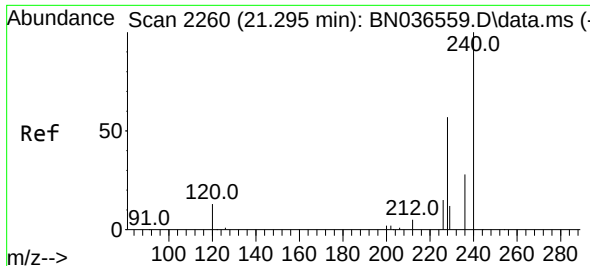
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 265.2 107.9 161.9#
105 137.0 56.2 84.2#



#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.122 min Scan# 1926
Delta R.T. -0.018 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

Tgt Ion:212 Resp: 5090
Ion Ratio Lower Upper
212 100
106 14.7 11.8 17.6
104 8.4 7.3 10.9

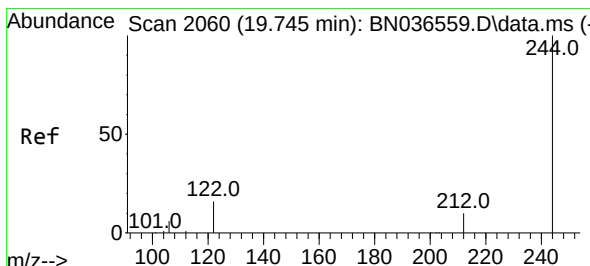
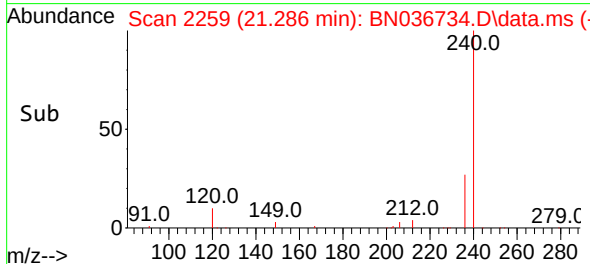
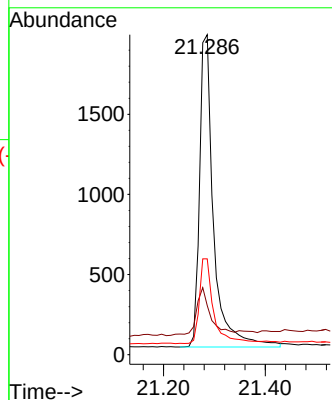
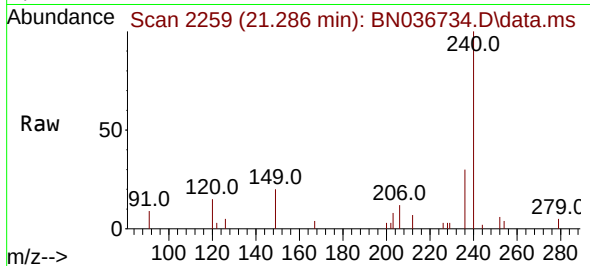




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

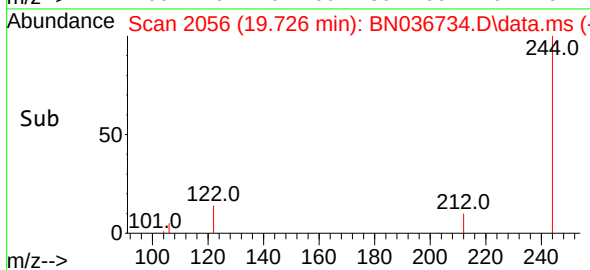
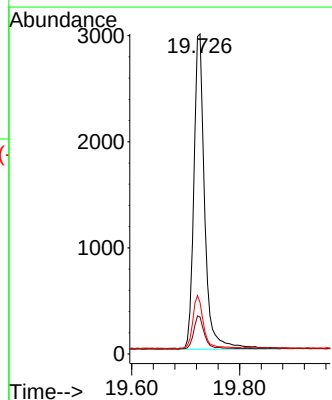
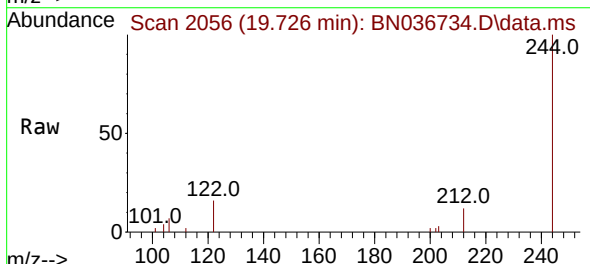
Instrument :
BNA_N
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RW5-SP201-20250320

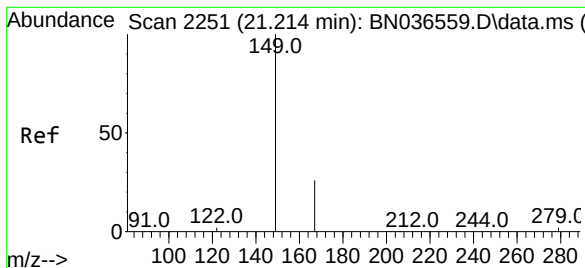
Tgt Ion:240 Resp: 3732
Ion Ratio Lower Upper
240 100
120 15.3 14.6 22.0
236 29.9 24.1 36.1



#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.726 min Scan# 2056
Delta R.T. -0.018 min
Lab File: BN036734.D
Acq: 27 Mar 2025 12:50

Tgt Ion:244 Resp: 4150
Ion Ratio Lower Upper
244 100
212 11.6 9.6 14.4
122 16.0 13.9 20.9

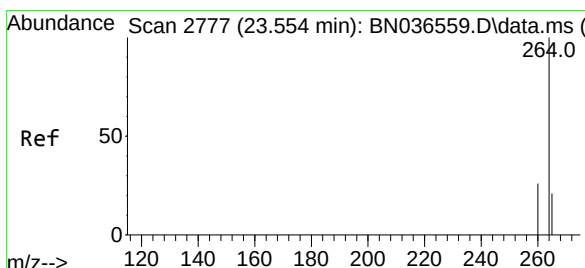
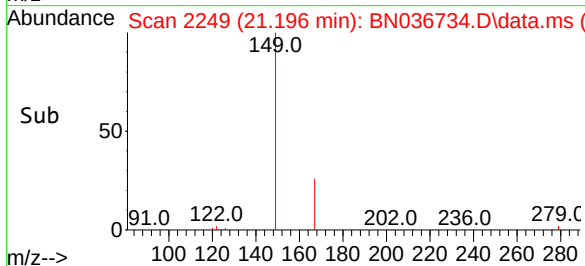
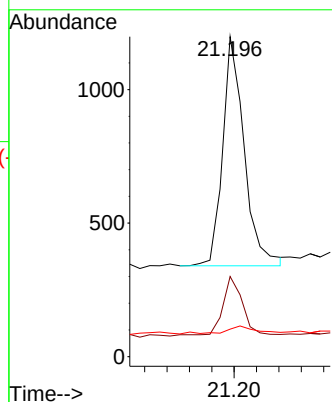
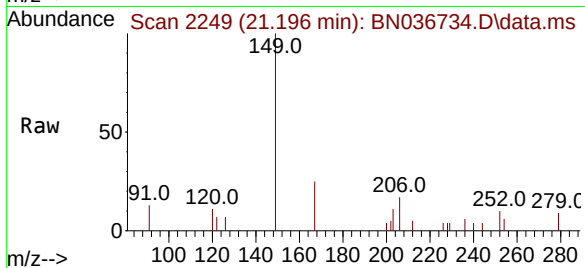




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.124 ng
 RT: 21.196 min Scan# 2117
 Delta R.T. -0.018 min
 Lab File: BN036734.D
 Acq: 27 Mar 2025 12:50

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP201-20250320

Tgt Ion:	149	Resp:	1147
Ion Ratio	Lower	Upper	
149	100		
167	22.2	20.7	31.1
279	4.1	3.6	5.4



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.528 min Scan# 2768
 Delta R.T. -0.026 min
 Lab File: BN036734.D
 Acq: 27 Mar 2025 12:50

Tgt Ion:	264	Resp:	3167
Ion Ratio	Lower	Upper	
264	100		
260	27.6	22.6	33.8
265	104.9	88.1	132.1

