

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037746.D
 Acq On : 17 Sep 2025 15:11
 Operator : RC/JU
 Sample : Q3086-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250911

Quant Time: Sep 17 15:41:35 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

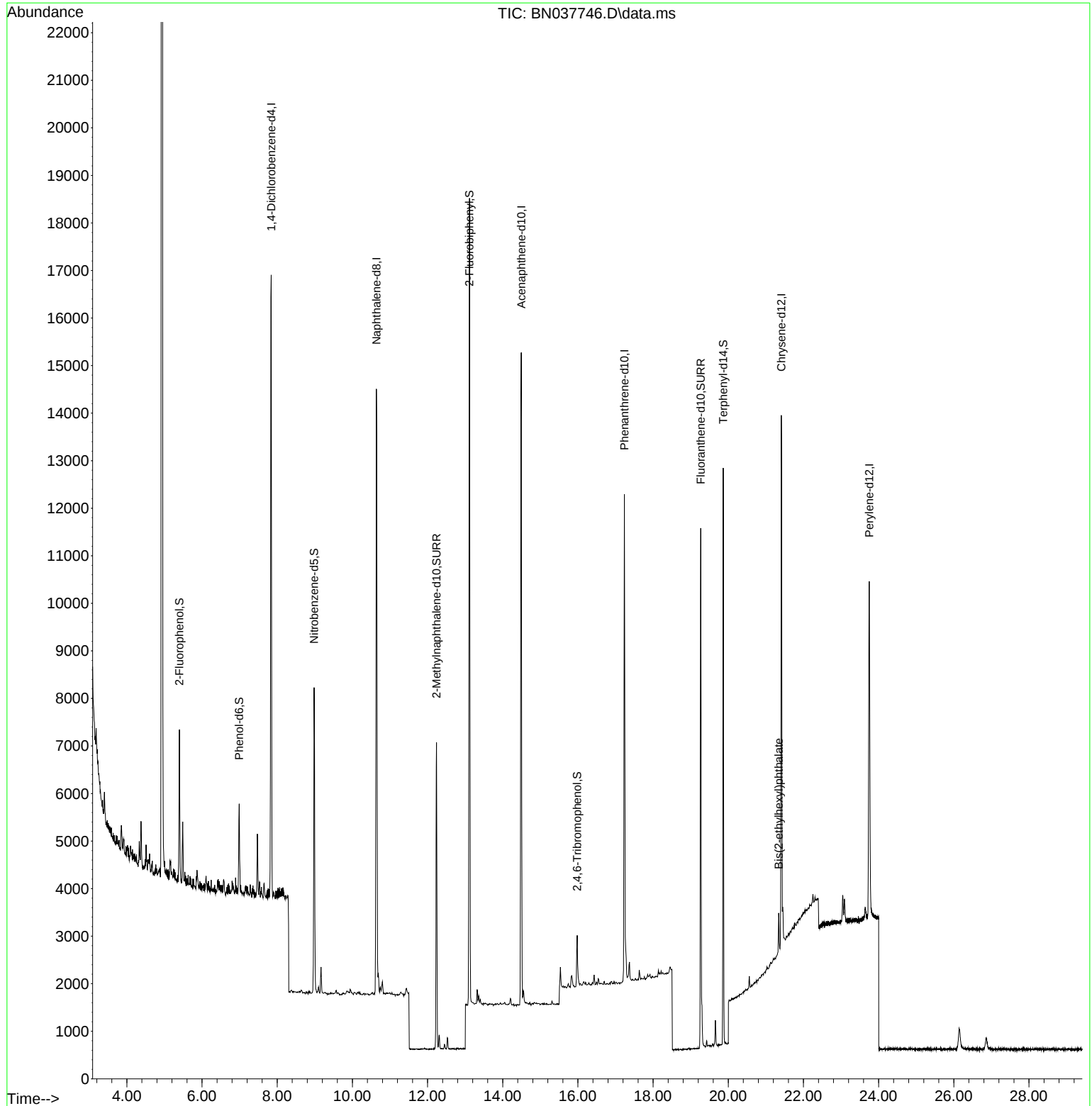
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	6528	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	17791	0.400	ng	-0.01
13) Acenaphthene-d10	14.495	164	8068	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	13903	0.400	ng	0.00
29) Chrysene-d12	21.411	240	10625	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	10300	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2342	0.156	ng	0.00
5) Phenol-d6	6.988	99	1725	0.089	ng	0.00
8) Nitrobenzene-d5	8.982	82	5044	0.388	ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	8563	0.363	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	717	0.341	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	13979	0.414	ng	0.00
27) Fluoranthene-d10	19.267	212	12053	0.345	ng	0.00
31) Terphenyl-d14	19.866	244	11233	0.521	ng	0.00
Target Compounds						
34) Bis(2-ethylhexyl)phtha...	21.340	149	838	0.076	ng	# 94

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

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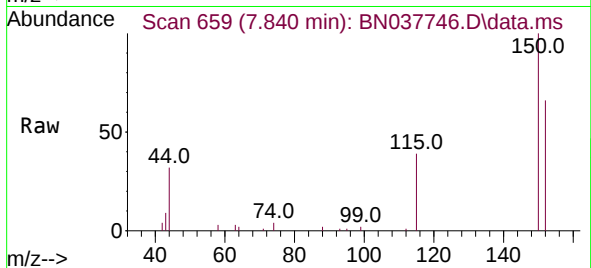
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



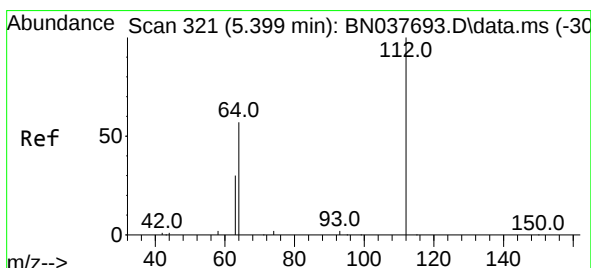
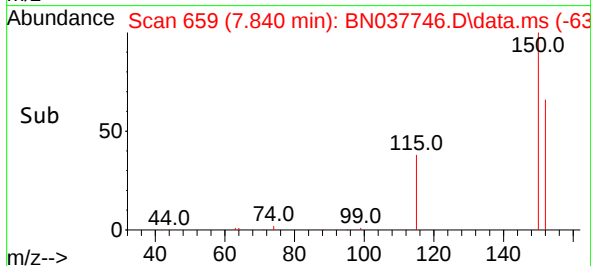
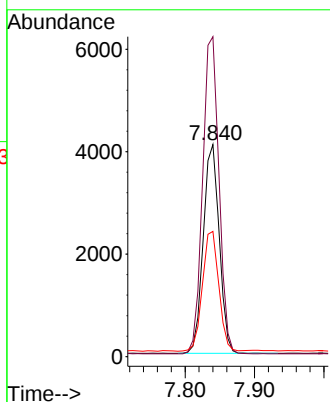


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN037746.D
Acq: 17 Sep 2025 15:11

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250911

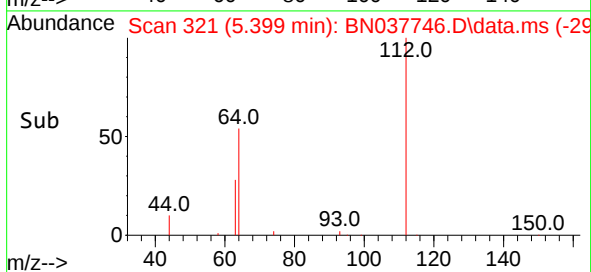
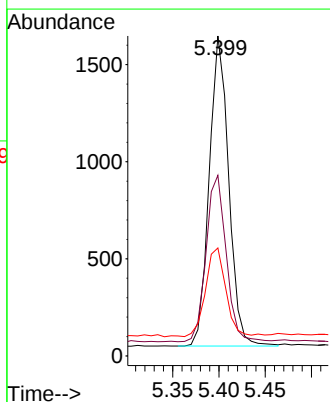
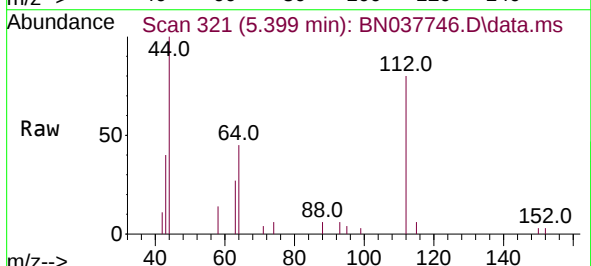


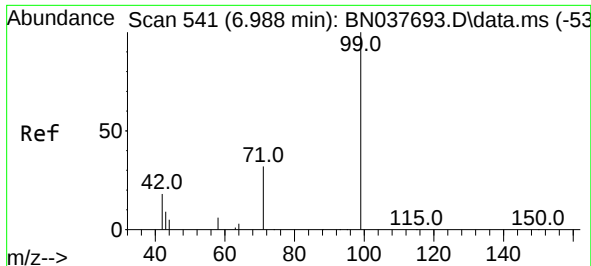
Tgt Ion:152 Resp: 6528
Ion Ratio Lower Upper
152 100
150 150.9 124.5 186.7
115 59.0 49.2 73.8



#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.399 min Scan# 321
Delta R.T. 0.000 min
Lab File: BN037746.D
Acq: 17 Sep 2025 15:11

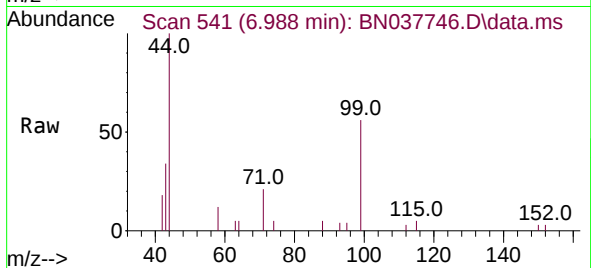
Tgt Ion:112 Resp: 2342
Ion Ratio Lower Upper
112 100
64 55.5 44.9 67.3
63 29.0 24.7 37.1



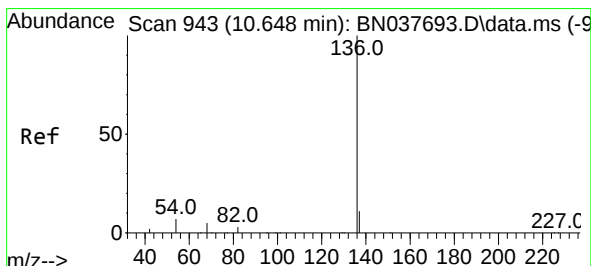
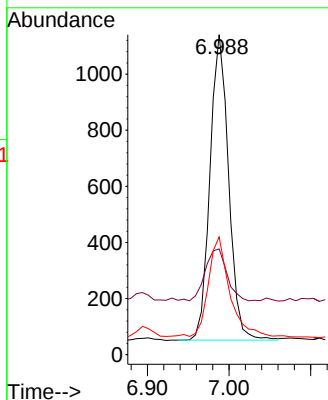
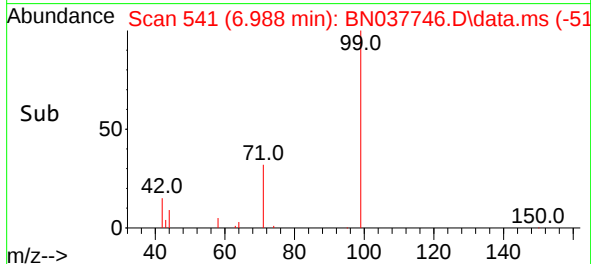


#5
Phenol-d6
Concen: 0.089 ng
RT: 6.988 min Scan# 541
Delta R.T. 0.000 min
Lab File: BN037746.D
Acq: 17 Sep 2025 15:11

Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250911

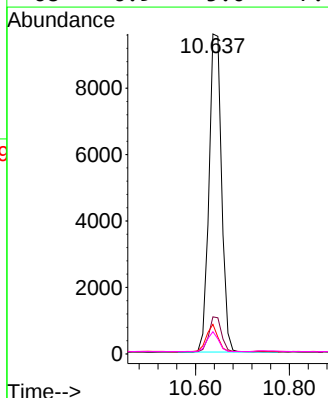
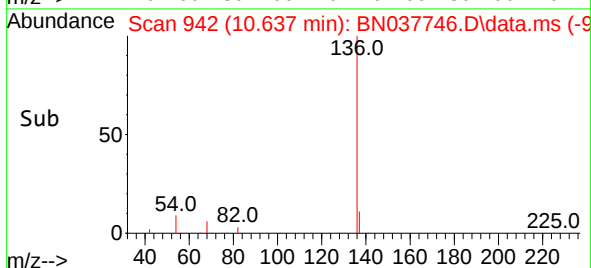
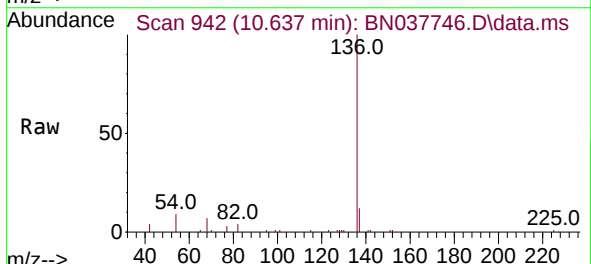


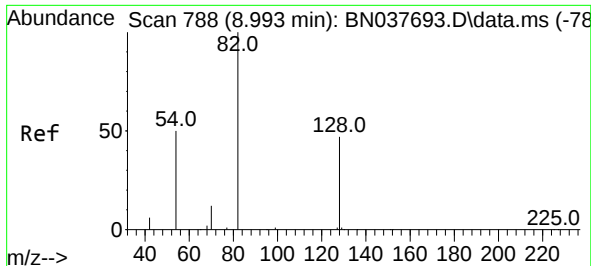
Tgt Ion:	99	Resp:	1725
Ion Ratio	Lower	Upper	
99	100		
42	19.6	16.6	24.8
71	39.5	26.7	40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037746.D
Acq: 17 Sep 2025 15:11

Tgt Ion:	136	Resp:	17791
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	9.2	6.3	9.5
68	6.9	5.0	7.4

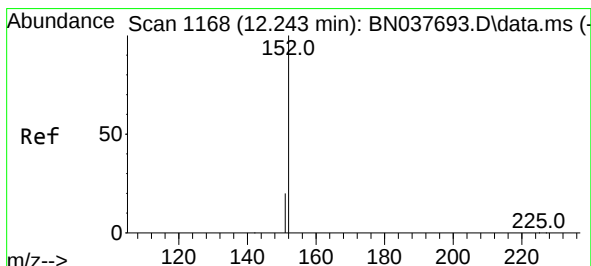
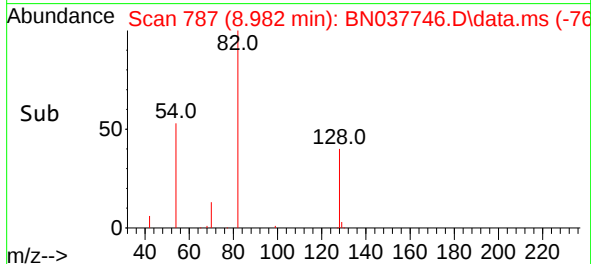
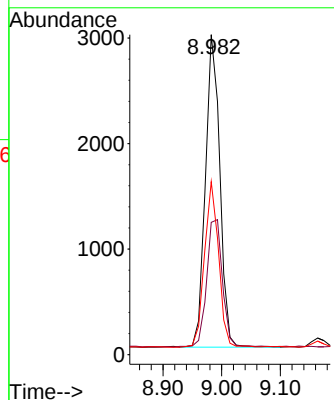
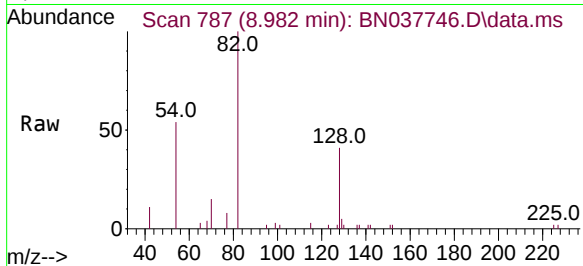




#8
 Nitrobenzene-d5
 Concen: 0.388 ng
 RT: 8.982 min Scan# 788
 Delta R.T. -0.011 min
 Lab File: BN037746.D
 Acq: 17 Sep 2025 15:11

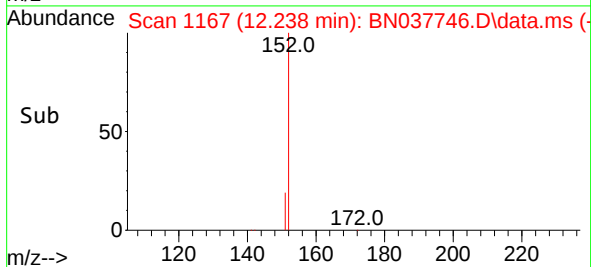
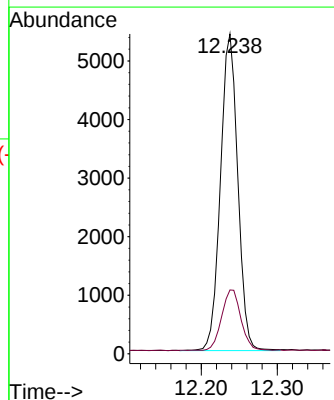
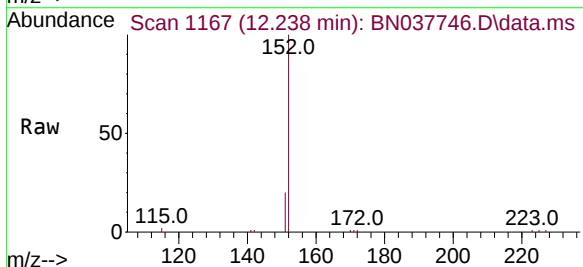
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250911

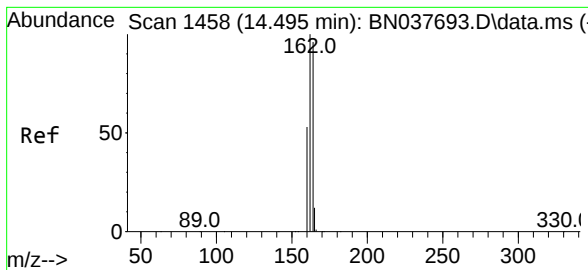
Tgt Ion: 82 Resp: 5044
 Ion Ratio Lower Upper
 82 100
 128 41.3 38.3 57.5
 54 54.0 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.363 ng
 RT: 12.238 min Scan# 1167
 Delta R.T. -0.005 min
 Lab File: BN037746.D
 Acq: 17 Sep 2025 15:11

Tgt Ion: 152 Resp: 8563
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.0 25.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.495 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BN037746.D

Acq: 17 Sep 2025 15:11

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20250911

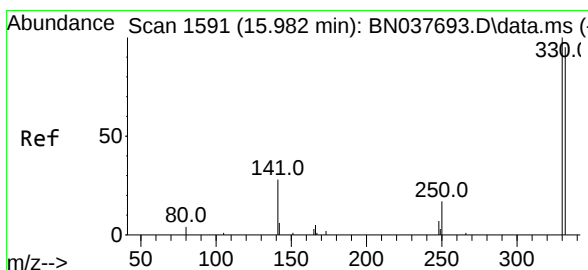
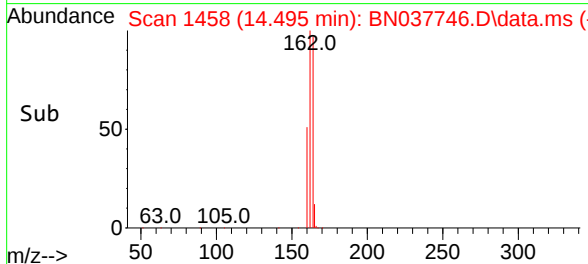
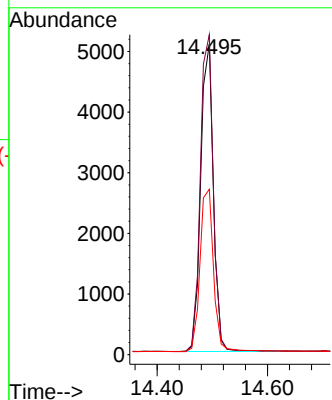
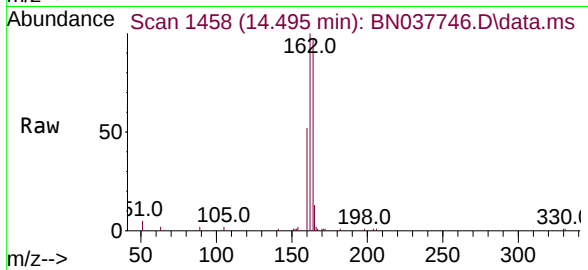
Tgt Ion:164 Resp: 8068

Ion Ratio Lower Upper

164 100

162 103.0 83.1 124.7

160 53.2 44.3 66.5



#14

2,4,6-Tribromophenol

Concen: 0.341 ng

RT: 15.982 min Scan# 1591

Delta R.T. -0.000 min

Lab File: BN037746.D

Acq: 17 Sep 2025 15:11

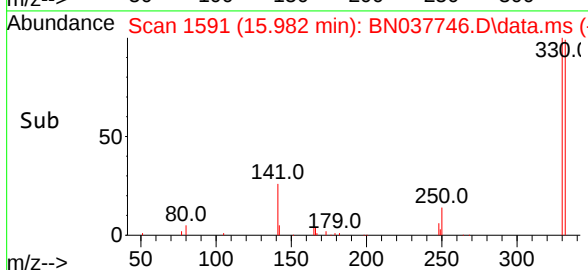
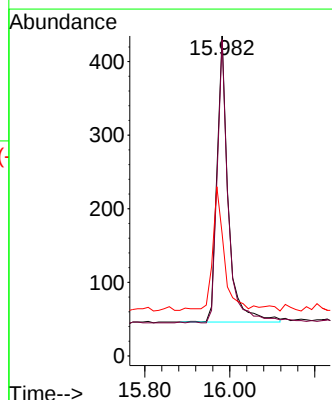
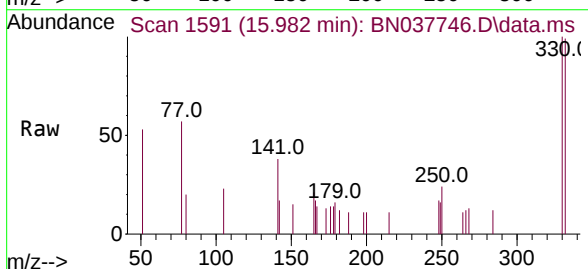
Tgt Ion:330 Resp: 717

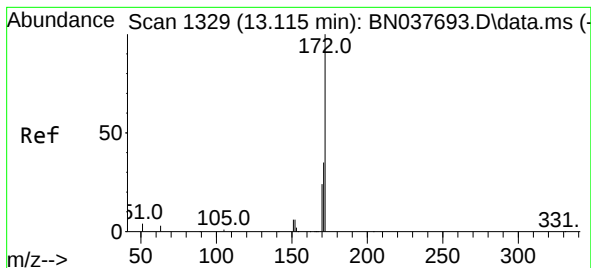
Ion Ratio Lower Upper

330 100

332 97.1 75.3 112.9

141 44.5 35.0 52.4





#15

2-Fluorobiphenyl

Concen: 0.414 ng

RT: 13.115 min Scan# 1329

Delta R.T. -0.000 min

Lab File: BN037746.D

Acq: 17 Sep 2025 15:11

Instrument :

BNA_N

ClientSampleId :

RW8-SP303-20250911

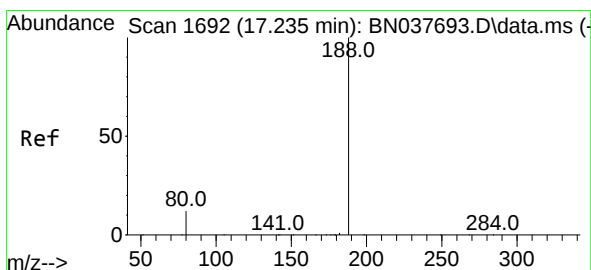
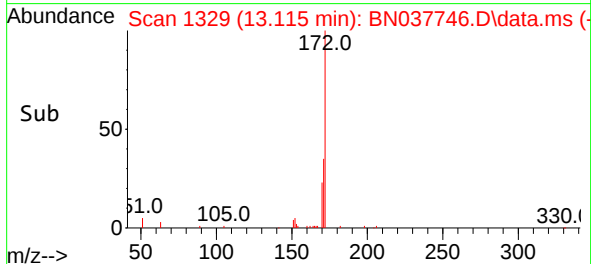
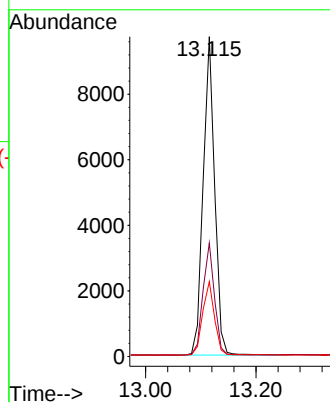
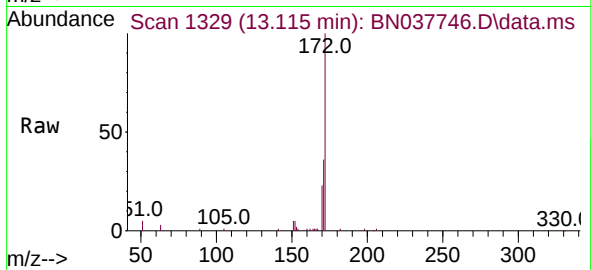
Tgt Ion:172 Resp: 13979

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.4 19.8 29.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.235 min Scan# 1692

Delta R.T. -0.000 min

Lab File: BN037746.D

Acq: 17 Sep 2025 15:11

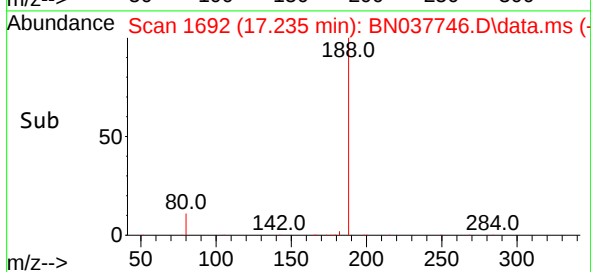
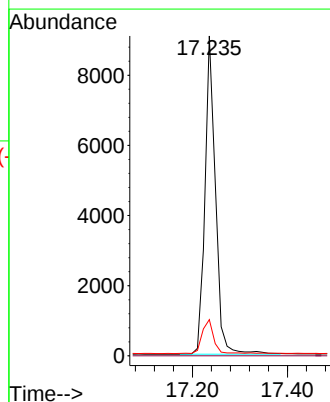
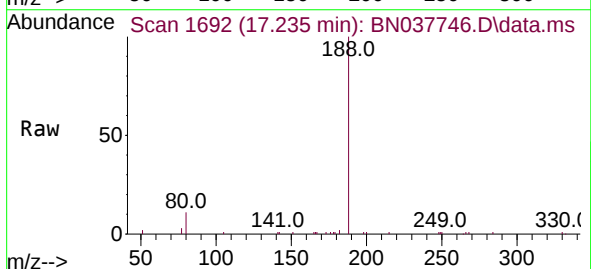
Tgt Ion:188 Resp: 13903

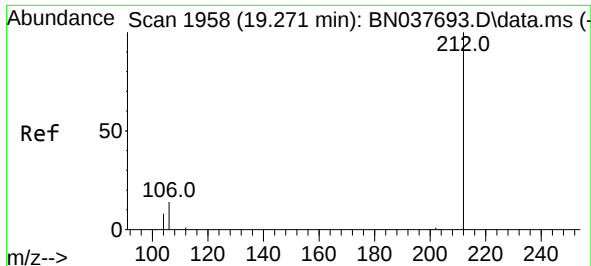
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.3 10.6 15.8

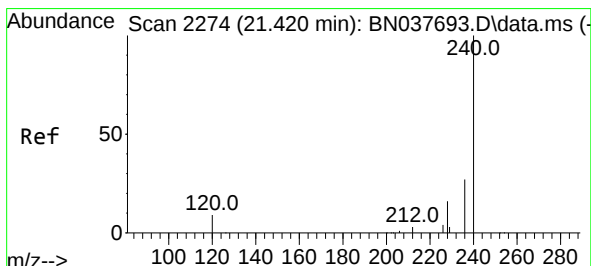
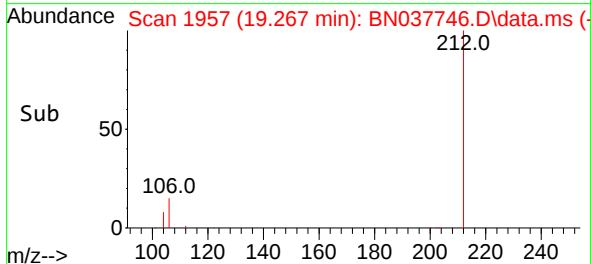
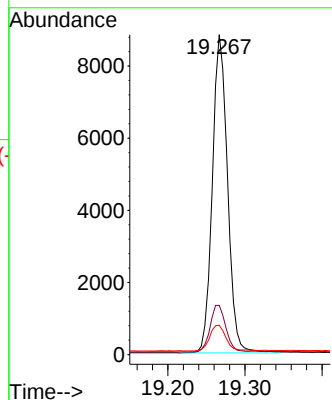
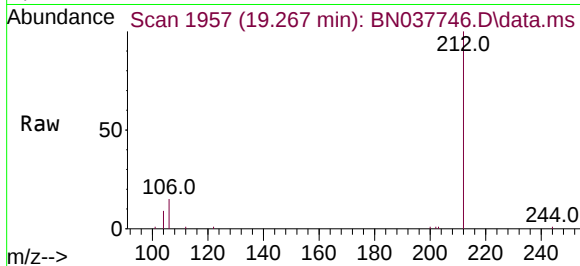




#27
Fluoranthene-d10
Concen: 0.345 ng
RT: 19.267 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037746.D
Acq: 17 Sep 2025 15:11

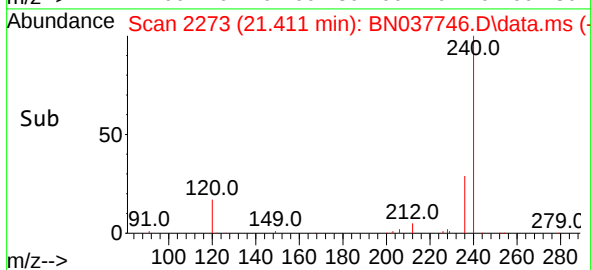
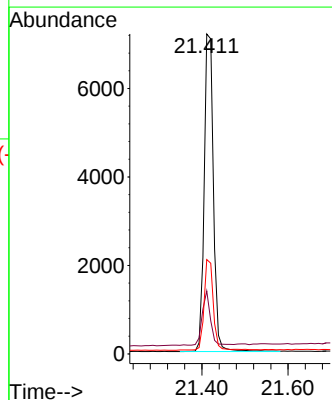
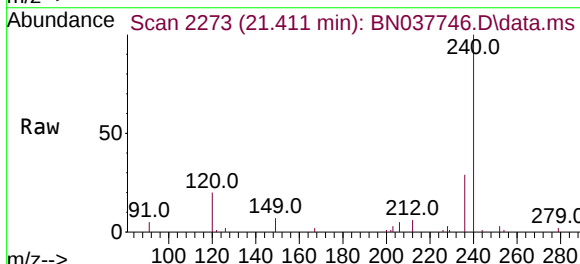
Instrument :
BNA_N
ClientSampleId :
RW8-SP303-20250911

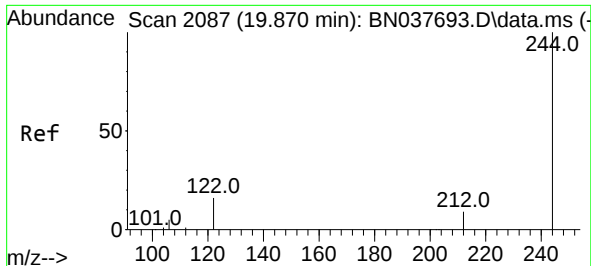
Tgt Ion:212 Resp: 12053
Ion Ratio Lower Upper
212 100
106 15.3 12.2 18.2
104 8.8 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037746.D
Acq: 17 Sep 2025 15:11

Tgt Ion:240 Resp: 10625
Ion Ratio Lower Upper
240 100
120 19.7 9.2 13.8#
236 29.5 22.6 33.8

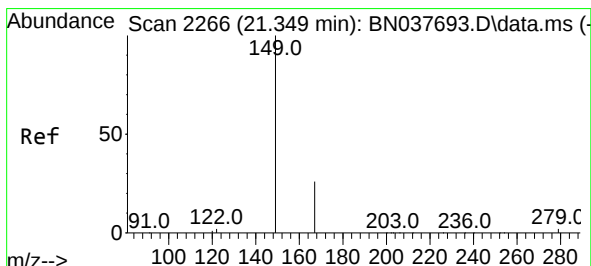
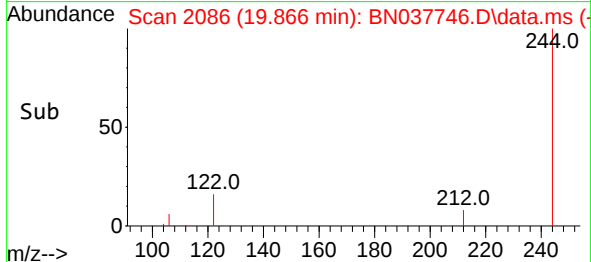
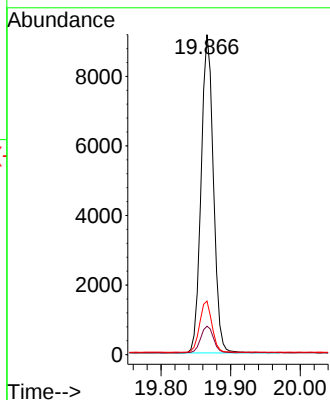
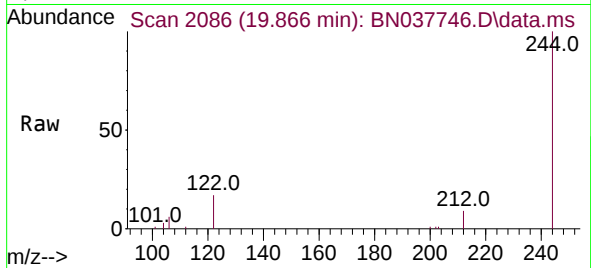




#31
 Terphenyl-d14
 Concen: 0.521 ng
 RT: 19.866 min Scan# 2087
 Delta R.T. -0.005 min
 Lab File: BN037746.D
 Acq: 17 Sep 2025 15:11

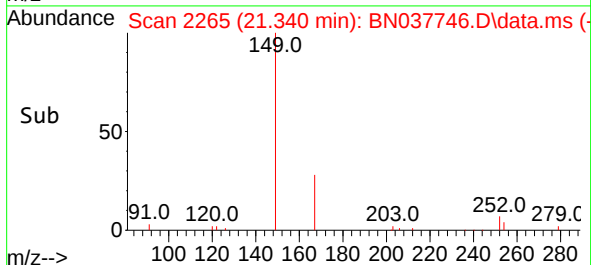
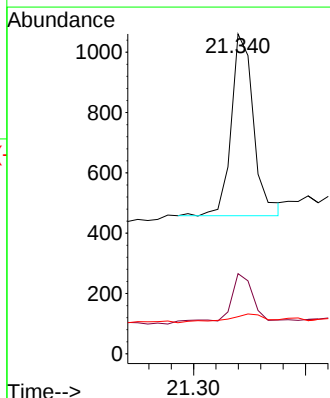
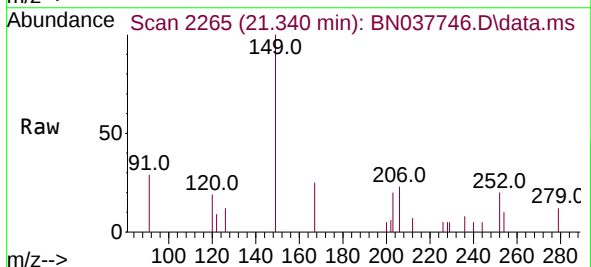
Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250911

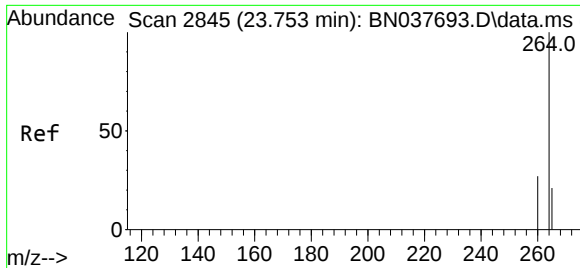
Tgt Ion:244 Resp: 11233
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.5 11.3
 122 16.7 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.340 min Scan# 2265
 Delta R.T. -0.009 min
 Lab File: BN037746.D
 Acq: 17 Sep 2025 15:11

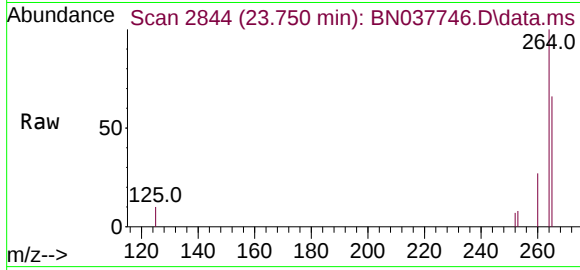
Tgt Ion:149 Resp: 838
 Ion Ratio Lower Upper
 149 100
 167 23.6 20.8 31.2
 279 8.5 3.3 4.9#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.750 min Scan# 2845
 Delta R.T. -0.003 min
 Lab File: BN037746.D
 Acq: 17 Sep 2025 15:11

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP303-20250911



Tgt Ion:264 Resp: 10300

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.8	32.8
265	65.9	39.4	59.2#

