

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037800.D
 Acq On : 19 Sep 2025 05:49
 Operator : RC/JU
 Sample : Q3095-32
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20250911

Quant Time: Sep 19 07:43:00 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)

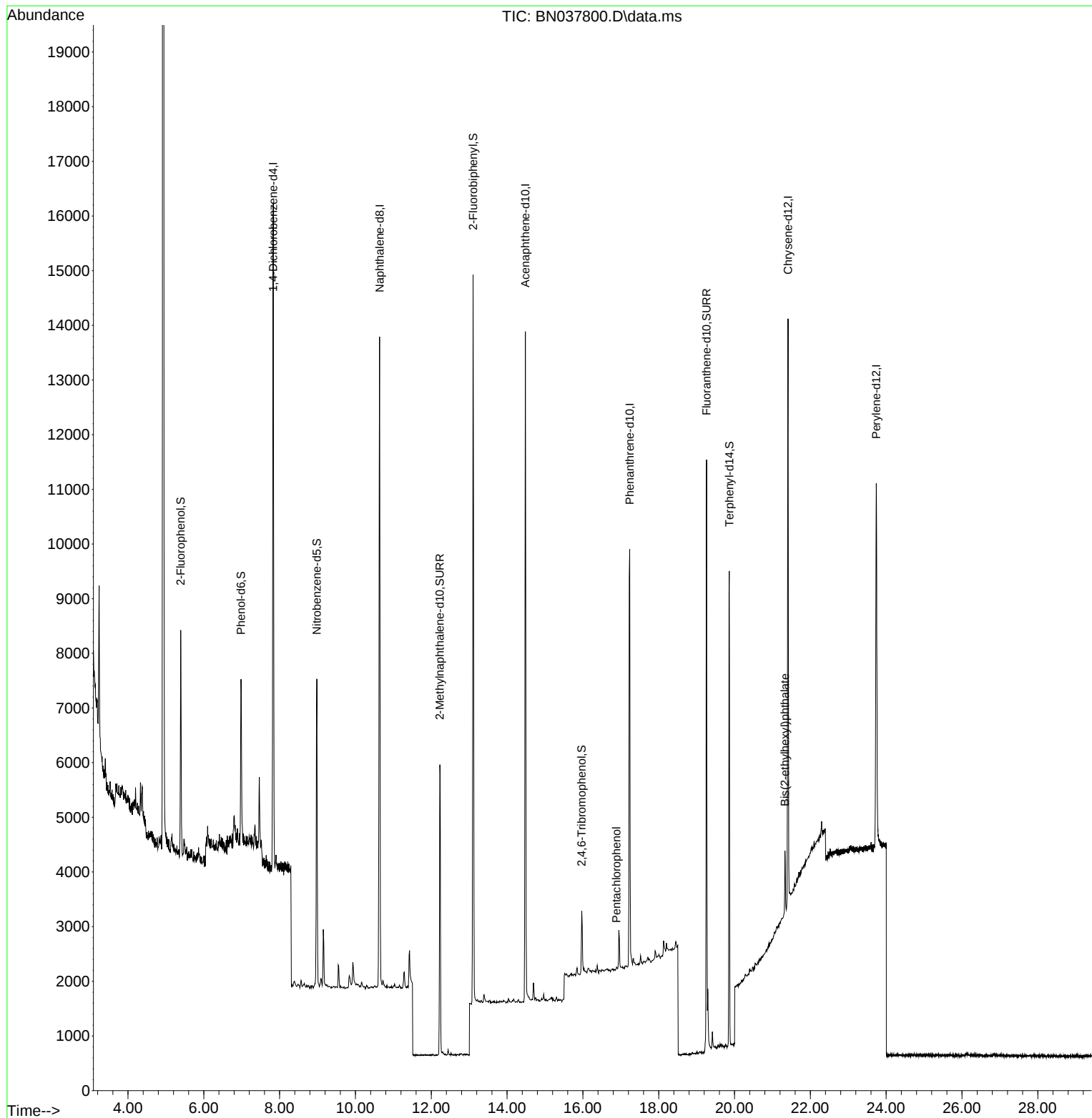
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	5969	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	15717	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	6882	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	11849	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	9882	0.400	ng	0.00
35) Perylene-d12	23.739	264	9588	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	3155	0.230	ng	0.00
5) Phenol-d6	6.980	99	2700	0.152	ng	0.00
8) Nitrobenzene-d5	8.982	82	4524	0.394	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	7207	0.346	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	723	0.403	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	11287	0.392	ng	-0.01
27) Fluoranthene-d10	19.262	212	11407	0.383	ng	0.00
31) Terphenyl-d14	19.861	244	8265	0.412	ng	0.00
Target Compounds						Qvalue
24) Pentachlorophenol	16.888	266	60	0.023	ng	# 74
34) Bis(2-ethylhexyl)phtha...	21.331	149	1232	0.121	ng	# 99

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

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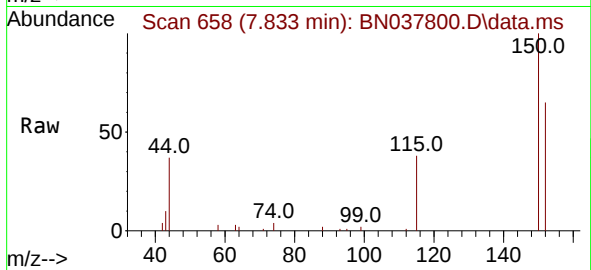
Quant Time: Sep 19 07:43:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



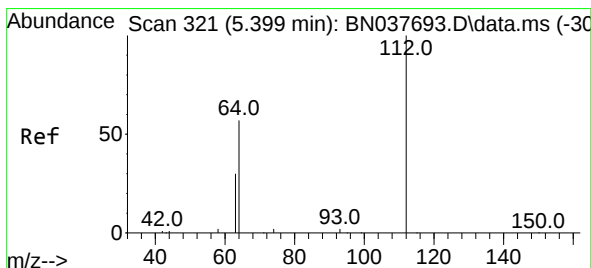
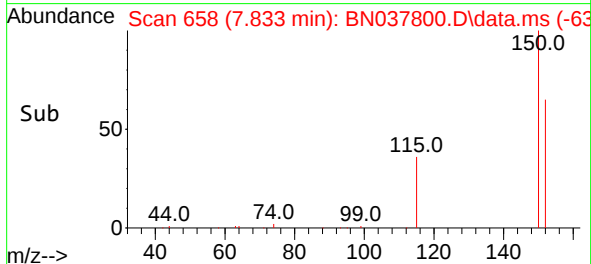
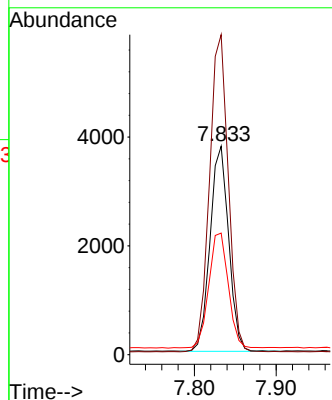


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.833 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN037800.D
Acq: 19 Sep 2025 05:49

Instrument :
BNA_N
ClientSampleId :
RE122D3-20250911

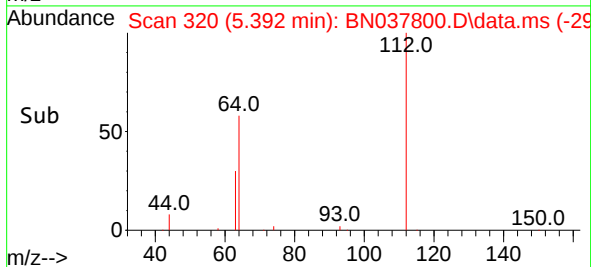
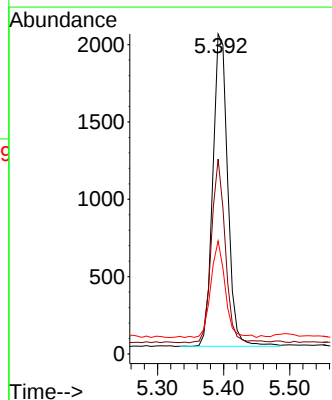
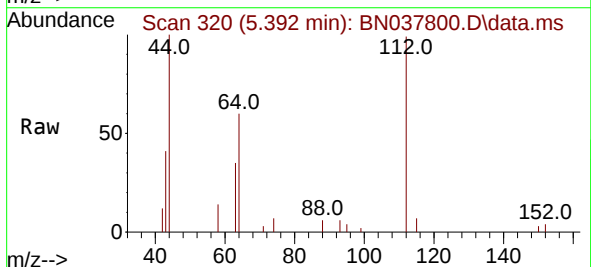


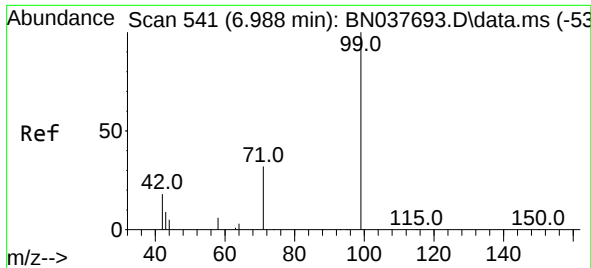
Tgt Ion:152 Resp: 5969
Ion Ratio Lower Upper
152 100
150 153.5 124.5 186.7
115 58.3 49.2 73.8



#4
2-Fluorophenol
Concen: 0.230 ng
RT: 5.392 min Scan# 320
Delta R.T. -0.007 min
Lab File: BN037800.D
Acq: 19 Sep 2025 05:49

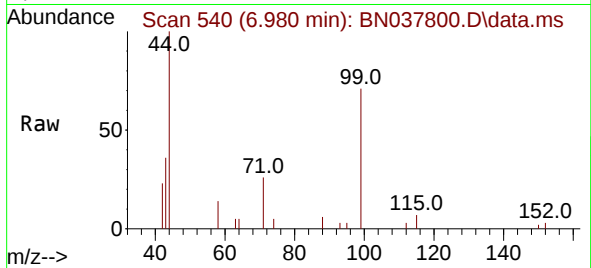
Tgt Ion:112 Resp: 3155
Ion Ratio Lower Upper
112 100
64 54.7 44.9 67.3
63 29.5 24.7 37.1



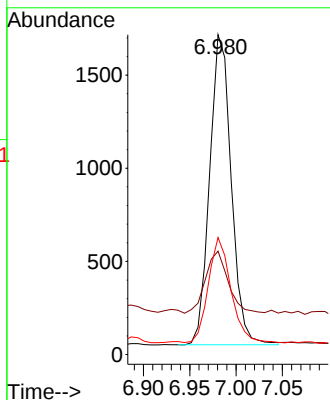
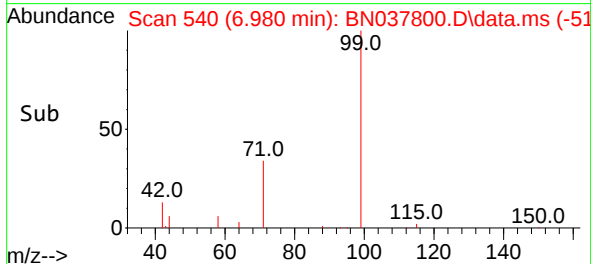


#5
Phenol-d6
Concen: 0.152 ng
RT: 6.980 min Scan# 541
Delta R.T. -0.007 min
Lab File: BN037800.D
Acq: 19 Sep 2025 05:49

Instrument :
BNA_N
ClientSampleId :
RE122D3-20250911

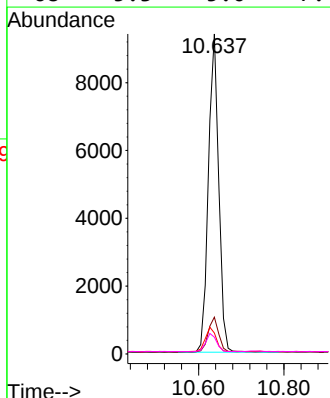
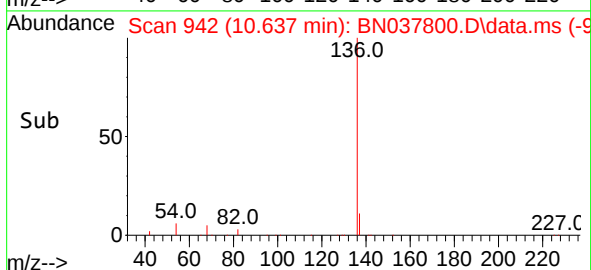
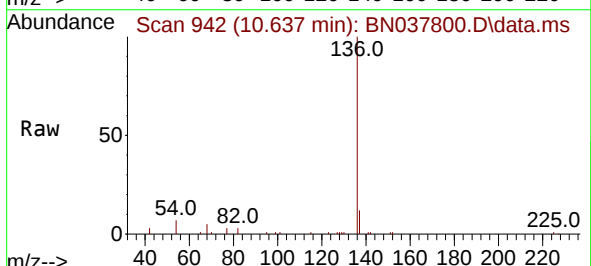


Tgt Ion:	99	Resp:	2700
Ion	Ratio	Lower	Upper
99	100		
42	21.0	16.6	24.8
71	36.1	26.7	40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037800.D
Acq: 19 Sep 2025 05:49

Tgt Ion:	136	Resp:	15717
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.6	6.3	9.5
68	5.3	5.0	7.4

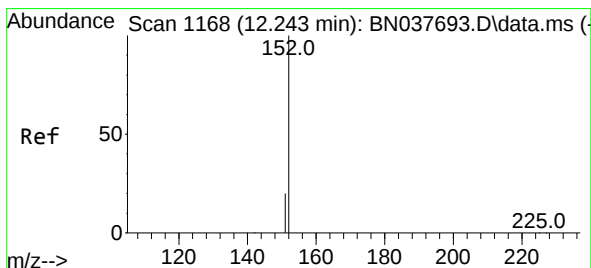
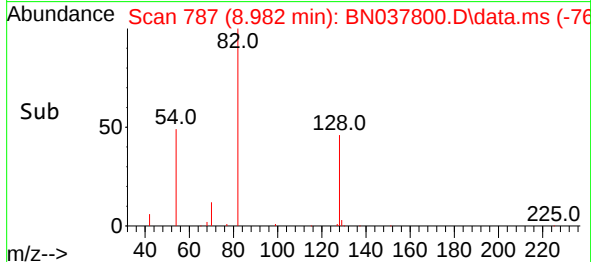
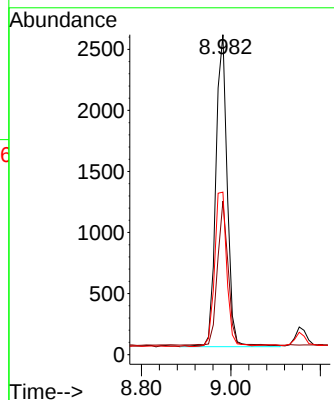
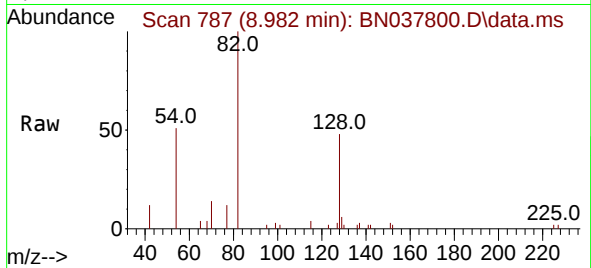




#8
 Nitrobenzene-d5
 Concen: 0.394 ng
 RT: 8.982 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037800.D
 Acq: 19 Sep 2025 05:49

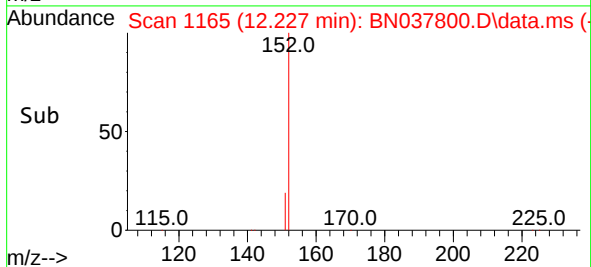
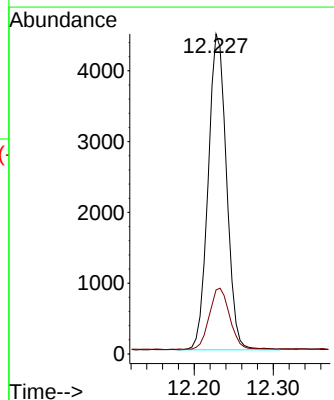
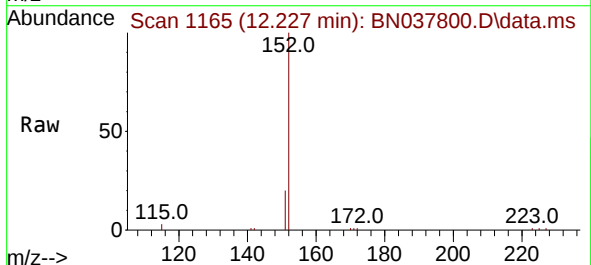
Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20250911

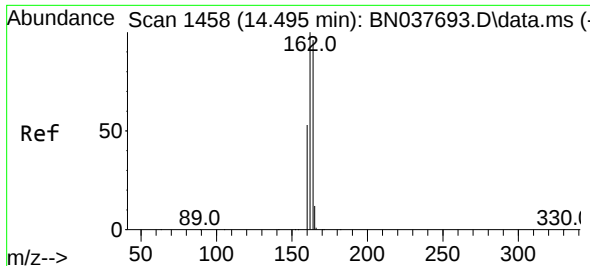
Tgt Ion: 82 Resp: 4524
 Ion Ratio Lower Upper
 82 100
 128 48.0 38.3 57.5
 54 50.8 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.346 ng
 RT: 12.227 min Scan# 1165
 Delta R.T. -0.015 min
 Lab File: BN037800.D
 Acq: 19 Sep 2025 05:49

Tgt Ion: 152 Resp: 7207
 Ion Ratio Lower Upper
 152 100
 151 21.5 17.0 25.6

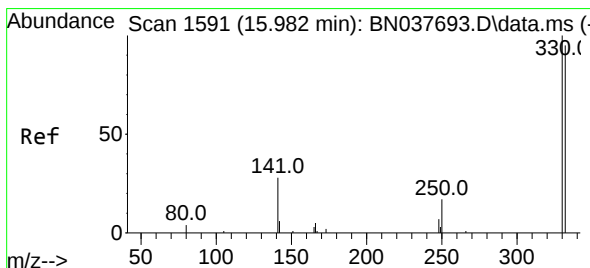
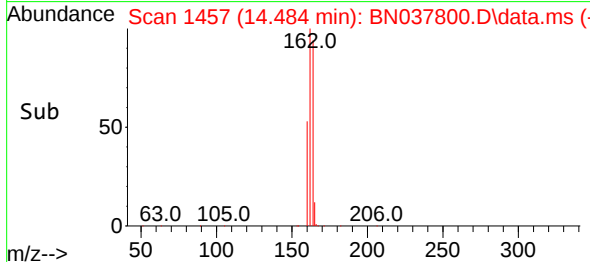
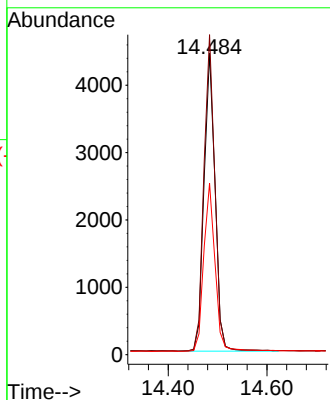
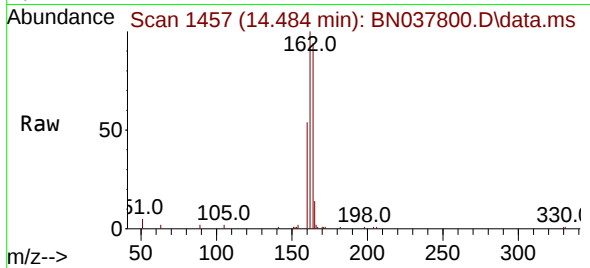




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.484 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037800.D
 Acq: 19 Sep 2025 05:49

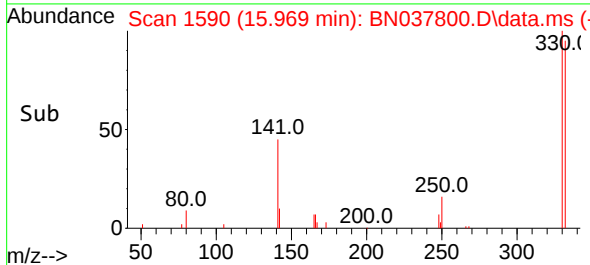
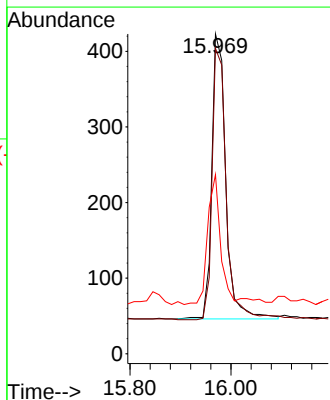
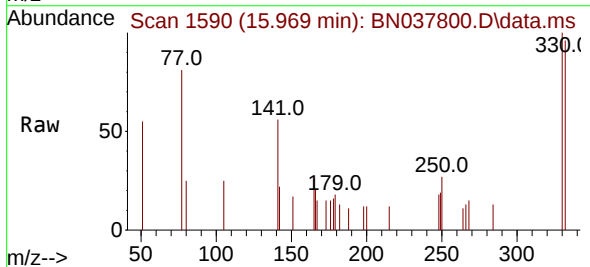
Instrument :
 BNA_N
 ClientSampleId :
 RE122D3-20250911

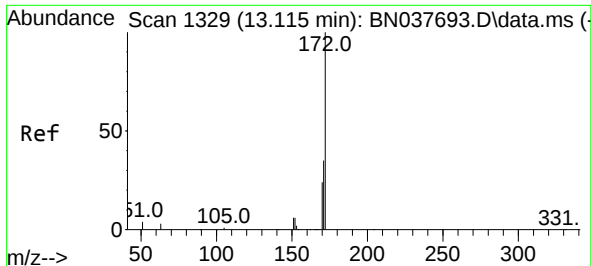
Tgt Ion:164 Resp: 6882
 Ion Ratio Lower Upper
 164 100
 162 106.2 83.1 124.7
 160 56.9 44.3 66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.403 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037800.D
 Acq: 19 Sep 2025 05:49

Tgt Ion:330 Resp: 723
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.3 112.9
 141 42.6 35.0 52.4

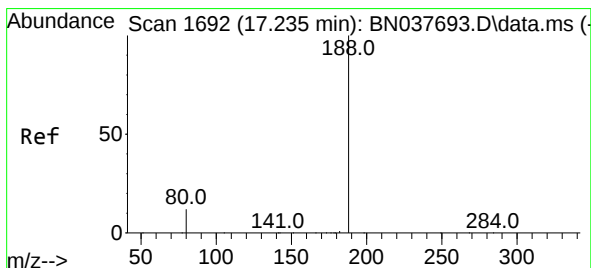
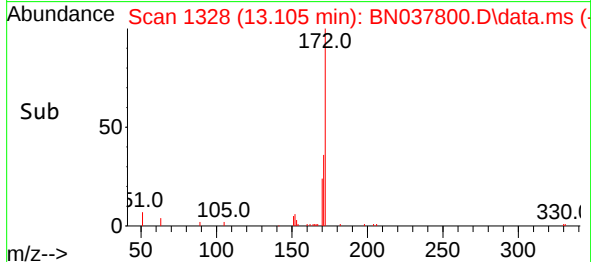
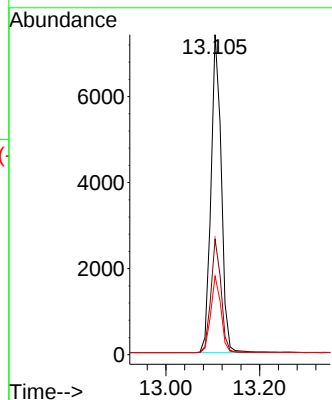
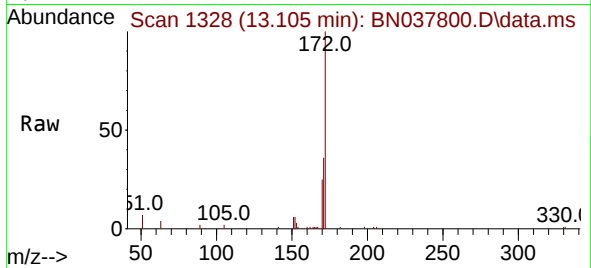




#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.105 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037800.D
Acq: 19 Sep 2025 05:49

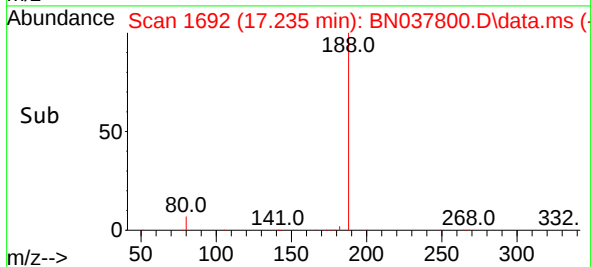
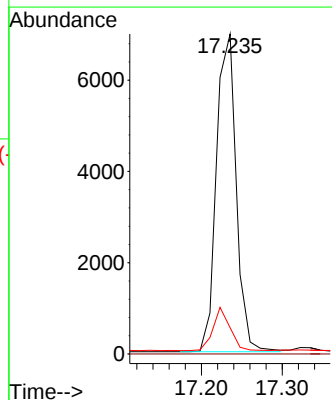
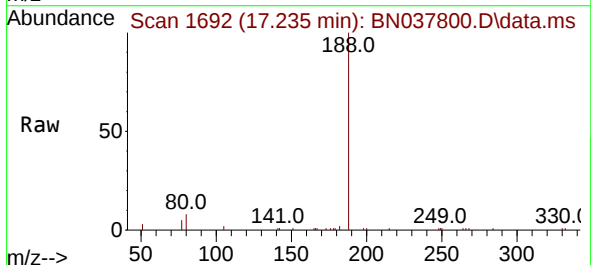
Instrument :
BNA_N
ClientSampleId :
RE122D3-20250911

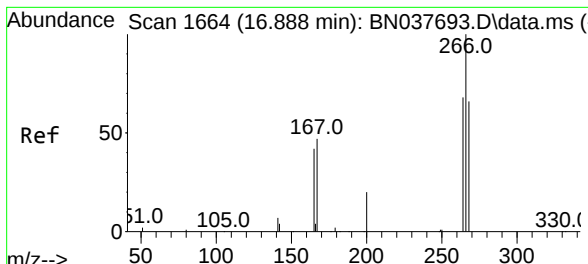
Tgt Ion:172 Resp: 11287
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.6 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037800.D
Acq: 19 Sep 2025 05:49

Tgt Ion:188 Resp: 11849
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.2 10.6 15.8#

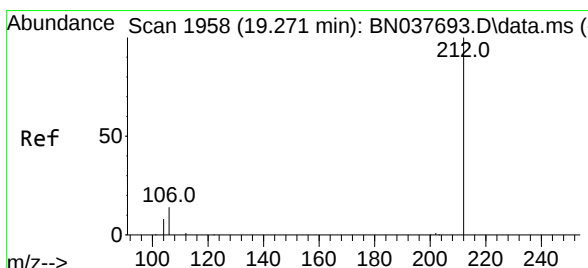
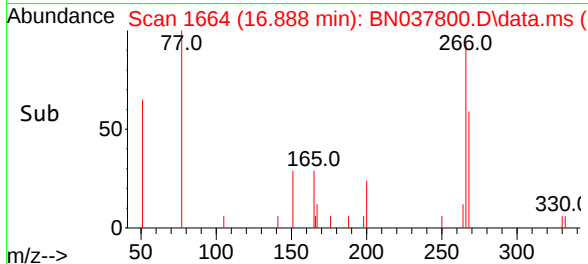
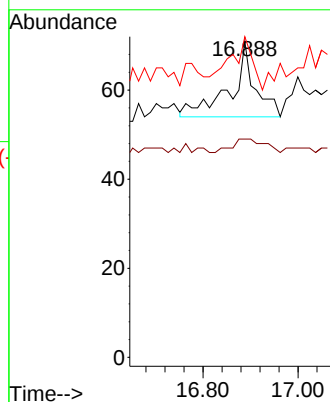
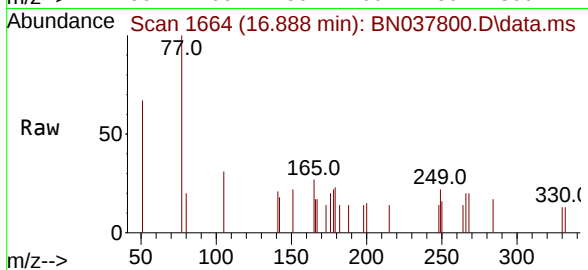




#24
 Pentachlorophenol
 Concen: 0.023 ng
 RT: 16.888 min Scan# 1664
 Delta R.T. -0.000 min
 Lab File: BN037800.D
 Acq: 19 Sep 2025 05:49

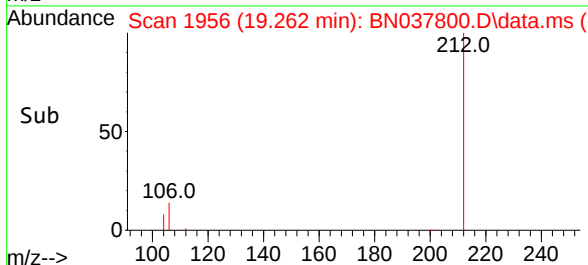
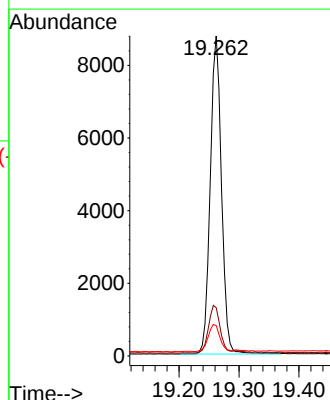
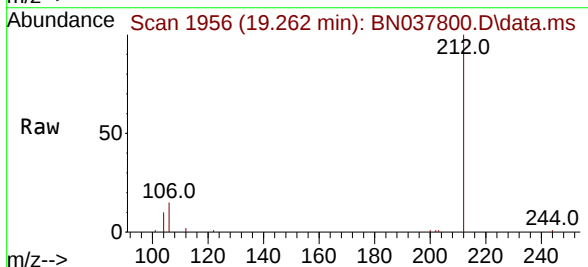
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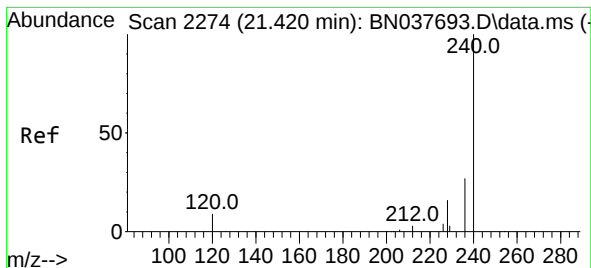
Tgt Ion:	266	Resp:	60
Ion Ratio	Lower	Upper	
266	100		
264	23.3	51.6	77.4#
268	66.7	53.2	79.8



#27
 Fluoranthene-d10
 Concen: 0.383 ng
 RT: 19.262 min Scan# 1956
 Delta R.T. -0.009 min
 Lab File: BN037800.D
 Acq: 19 Sep 2025 05:49

Tgt Ion:	212	Resp:	11407
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# 21

Delta R.T. -0.009 min

Lab File: BN037800.D

Acq: 19 Sep 2025 05:49

Instrument :

BNA_N

ClientSampleId :

RE122D3-20250911

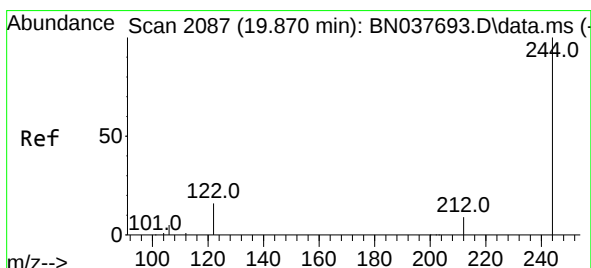
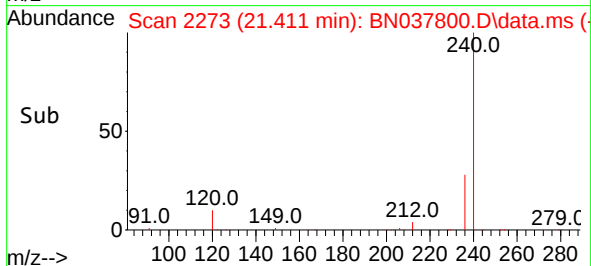
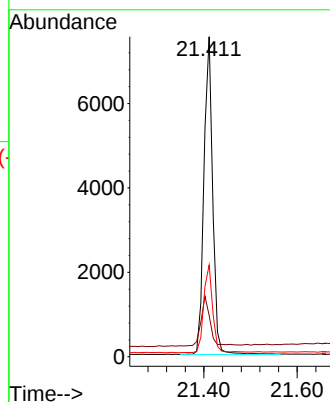
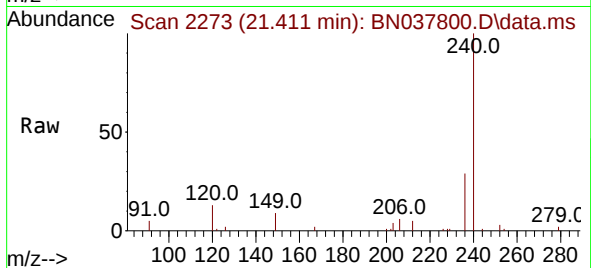
Tgt Ion:240 Resp: 9882

Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

236 28.6 22.6 33.8



#31

Terphenyl-d14

Concen: 0.412 ng

RT: 19.861 min Scan# 2085

Delta R.T. -0.009 min

Lab File: BN037800.D

Acq: 19 Sep 2025 05:49

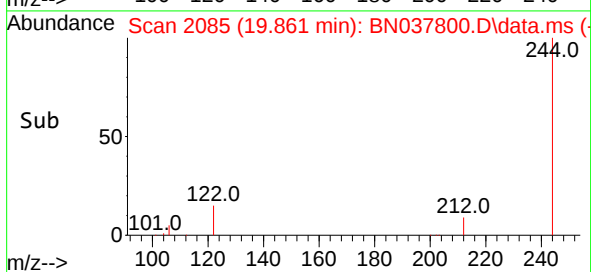
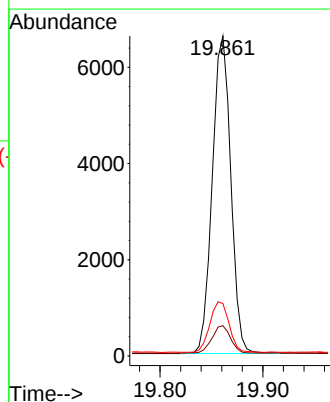
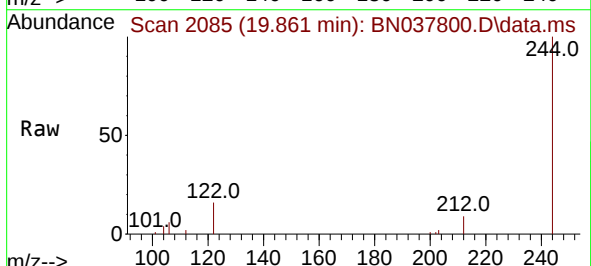
Tgt Ion:244 Resp: 8265

Ion Ratio Lower Upper

244 100

212 9.5 7.5 11.3

122 16.3 13.2 19.8

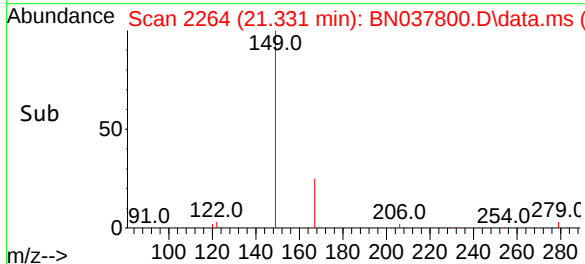
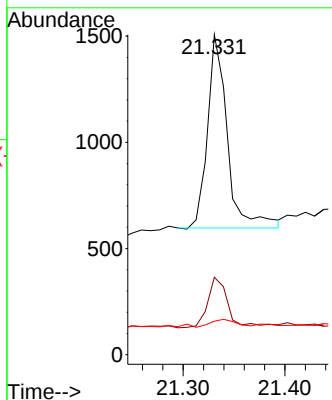
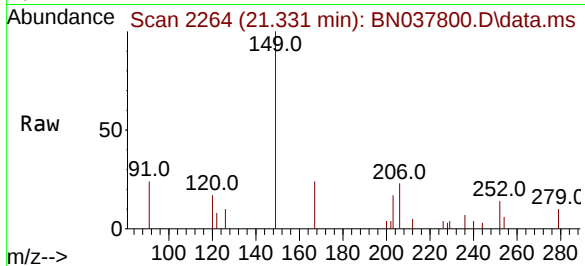




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.121 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037800.D
 Acq: 19 Sep 2025 05:49

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Tgt Ion:149 Resp: 1232
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.8 31.2
 279 5.0 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.739 min Scan# 2840
 Delta R.T. -0.015 min
 Lab File: BN037800.D
 Acq: 19 Sep 2025 05:49

Tgt Ion:264 Resp: 9588
 Ion Ratio Lower Upper
 264 100
 260 27.1 21.8 32.8
 265 84.9 39.4 59.2#

