

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
 Data File : BN037806.D
 Acq On : 19 Sep 2025 09:25
 Operator : RC/JU
 Sample : Q3097-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20250911

Quant Time: Sep 19 11:09:09 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)

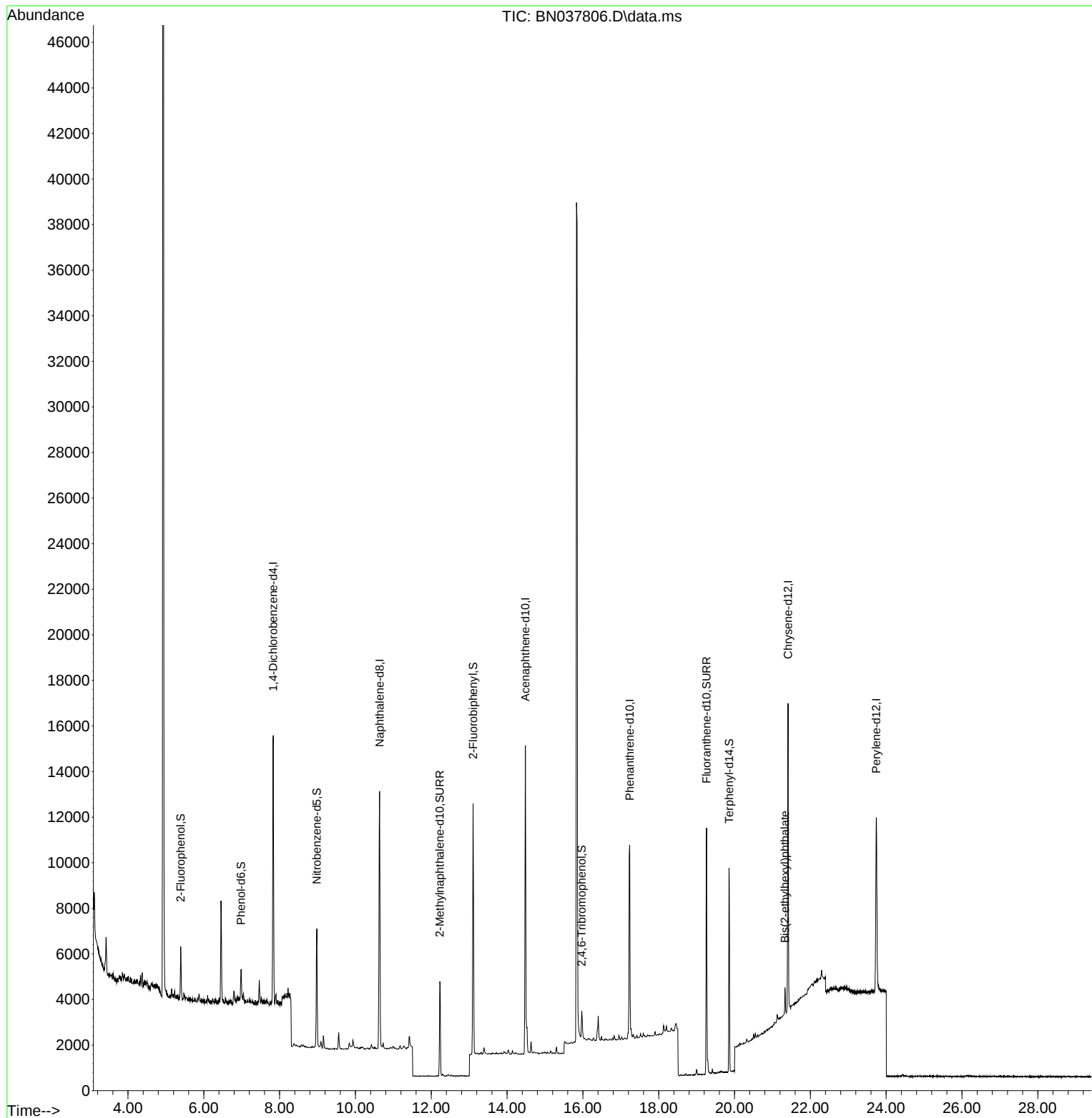
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	5758	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	15439	0.400	ng	-0.01
13) Acenaphthene-d10	14.483	164	7097	0.400	ng	-0.01
19) Phenanthrene-d10	17.235	188	13316	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	11984	0.400	ng	0.00
35) Perylene-d12	23.741	264	11150	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	1792	0.136	ng	0.00
5) Phenol-d6	6.980	99	1316	0.077	ng	0.00
8) Nitrobenzene-d5	8.982	82	4139	0.367	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	5661	0.277	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	734	0.397	ng	-0.01
15) 2-Fluorobiphenyl	13.104	172	8973	0.302	ng	-0.01
27) Fluoranthene-d10	19.262	212	12036	0.360	ng	0.00
31) Terphenyl-d14	19.856	244	8422	0.346	ng	-0.01
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.330	149	1143	0.092	ng	# 96

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

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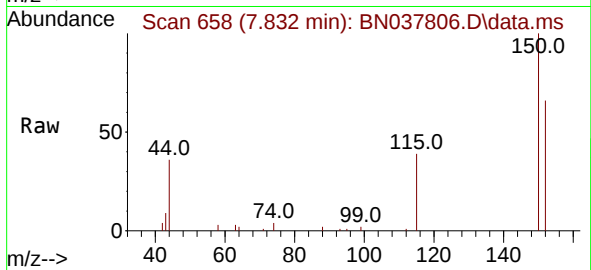
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



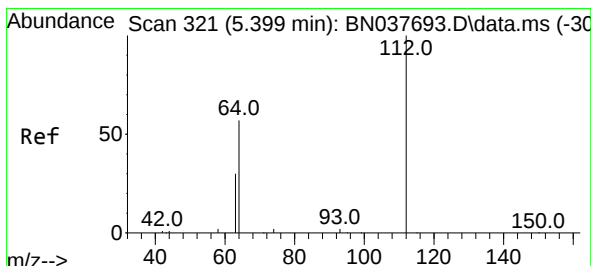
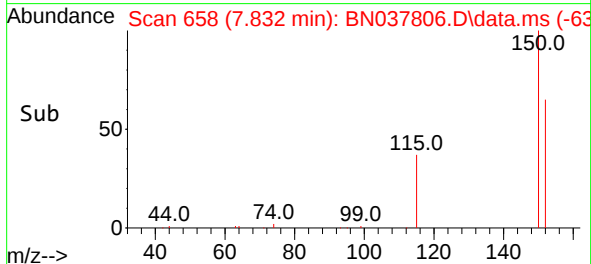
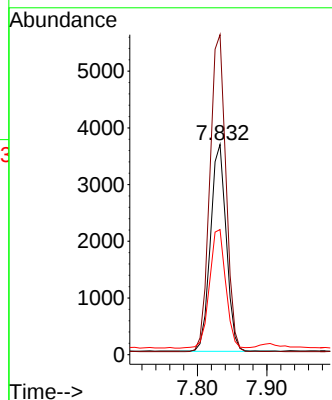


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN037806.D
Acq: 19 Sep 2025 09:25

Instrument :
BNA_N
ClientSampleId :
RE117D2-20250911

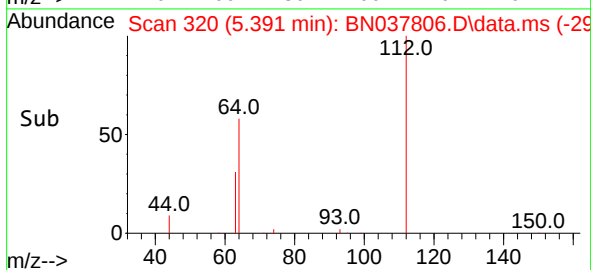
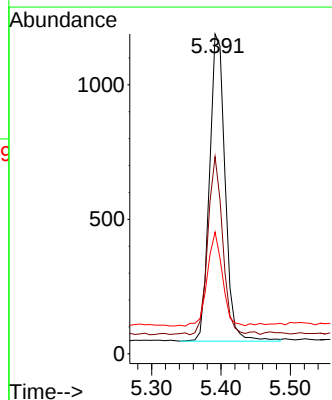
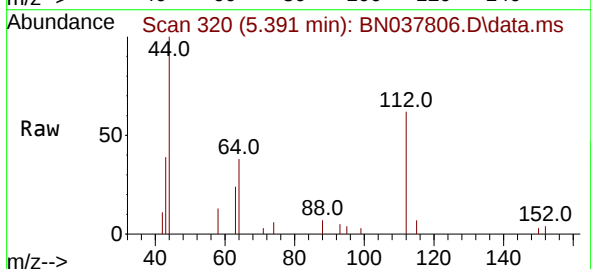


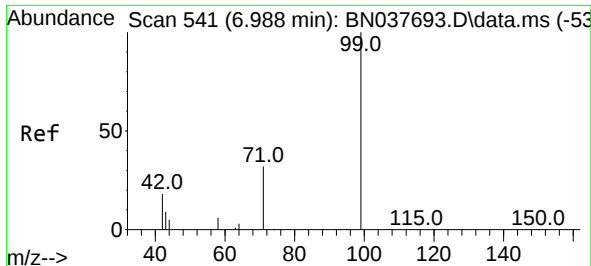
Tgt Ion:152 Resp: 5758
Ion Ratio Lower Upper
152 100
150 152.2 124.5 186.7
115 59.5 49.2 73.8



#4
2-Fluorophenol
Concen: 0.136 ng
RT: 5.391 min Scan# 320
Delta R.T. -0.008 min
Lab File: BN037806.D
Acq: 19 Sep 2025 09:25

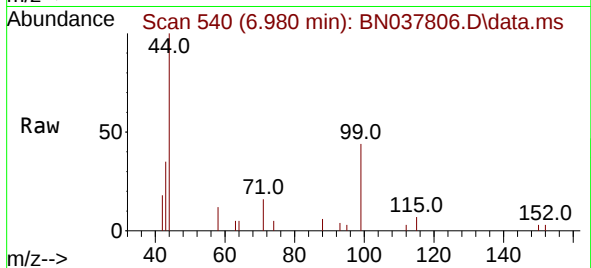
Tgt Ion:112 Resp: 1792
Ion Ratio Lower Upper
112 100
64 54.6 44.9 67.3
63 29.1 24.7 37.1



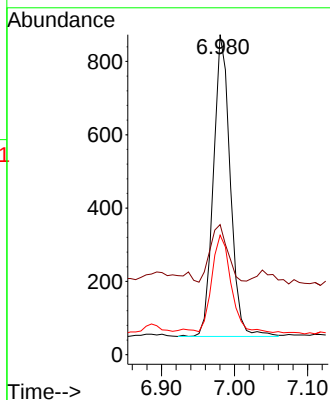
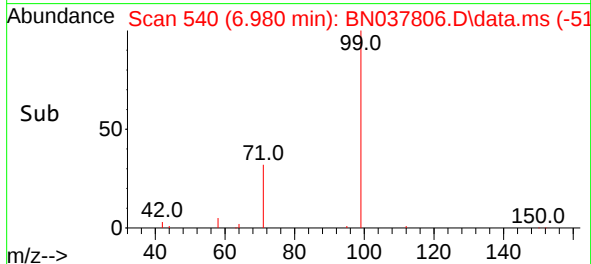


#5
Phenol-d6
Concen: 0.077 ng
RT: 6.980 min Scan# 541
Delta R.T. -0.008 min
Lab File: BN037806.D
Acq: 19 Sep 2025 09:25

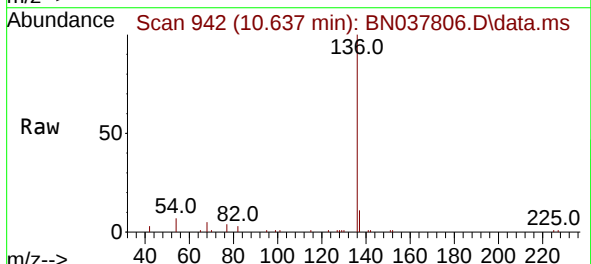
Instrument :
BNA_N
ClientSampleId :
RE117D2-20250911



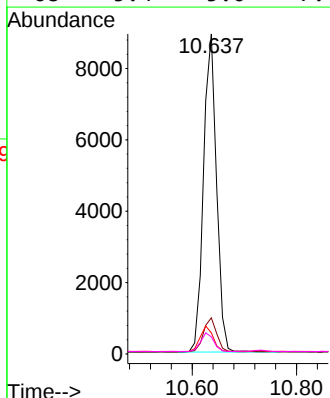
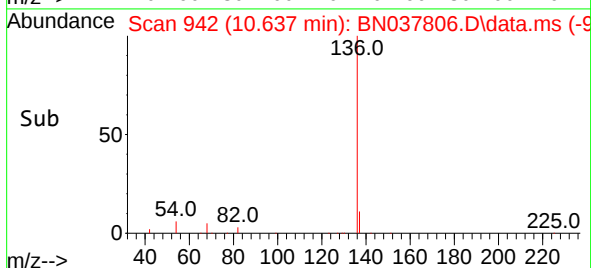
Tgt Ion:	99	Resp:	1316
Ion Ratio	Lower	Upper	
99	100		
42	19.9	16.6	24.8
71	39.1	26.7	40.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 942
Delta R.T. -0.011 min
Lab File: BN037806.D
Acq: 19 Sep 2025 09:25



Tgt Ion:	136	Resp:	15439
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.1	13.7
54	6.6	6.3	9.5
68	5.4	5.0	7.4

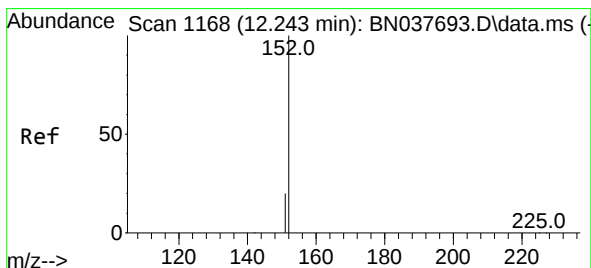
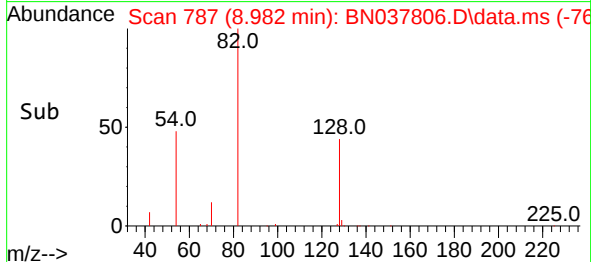
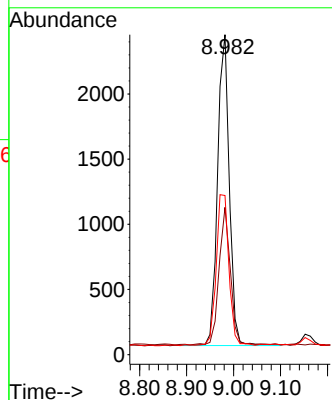
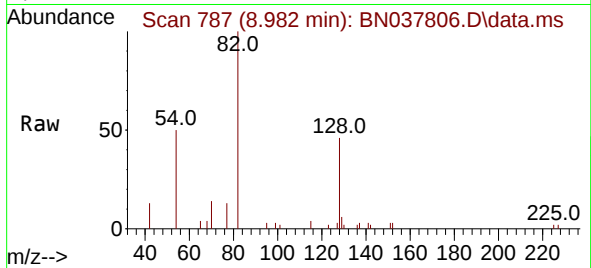




#8
 Nitrobenzene-d5
 Concen: 0.367 ng
 RT: 8.982 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BN037806.D
 Acq: 19 Sep 2025 09:25

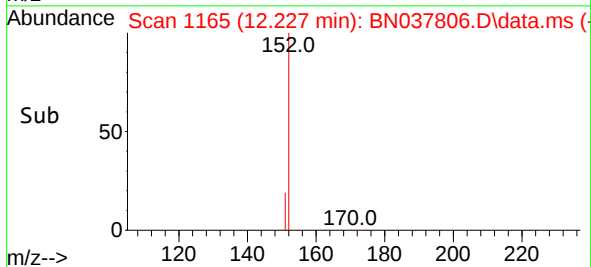
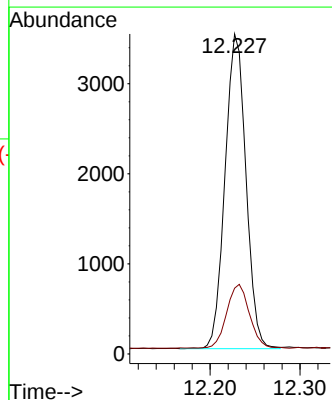
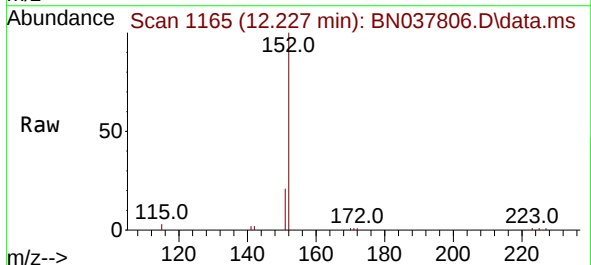
Instrument :
 BNA_N
 ClientSampleId :
 RE117D2-20250911

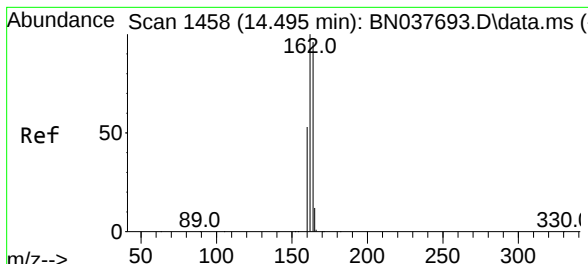
Tgt Ion: 82 Resp: 4139
 Ion Ratio Lower Upper
 82 100
 128 46.0 38.3 57.5
 54 49.7 41.4 62.2



#11
 2-Methylnaphthalene-d10
 Concen: 0.277 ng
 RT: 12.227 min Scan# 1165
 Delta R.T. -0.016 min
 Lab File: BN037806.D
 Acq: 19 Sep 2025 09:25

Tgt Ion: 152 Resp: 5661
 Ion Ratio Lower Upper
 152 100
 151 22.1 17.0 25.6

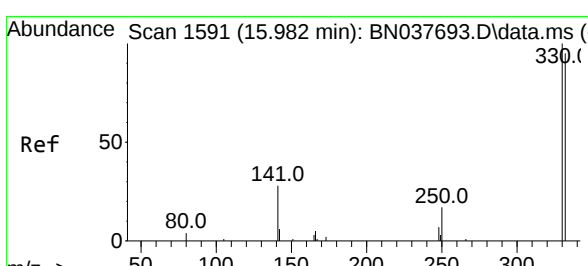
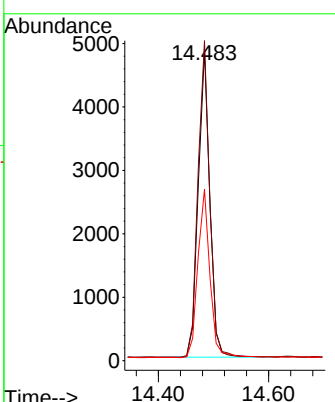
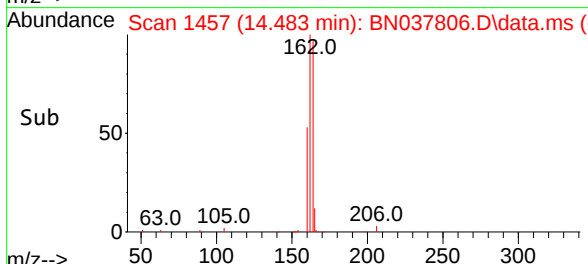
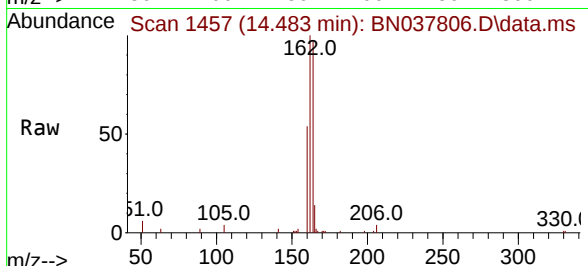




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.483 min Scan# 1457
 Delta R.T. -0.011 min
 Lab File: BN037806.D
 Acq: 19 Sep 2025 09:25

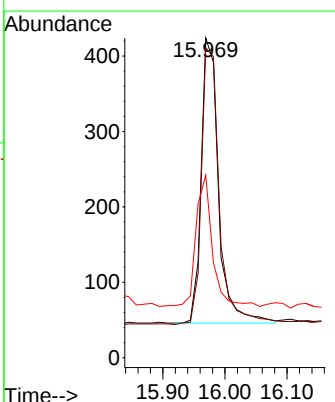
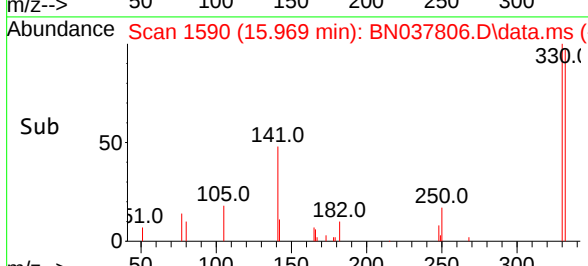
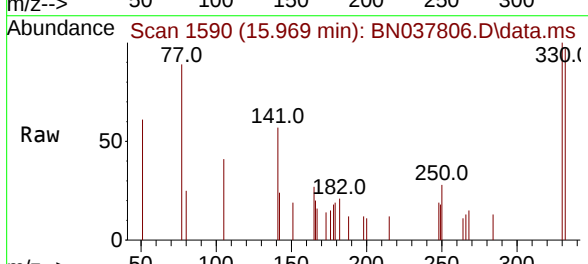
Instrument : BNA_N
 ClientSampleId : RE117D2-20250911

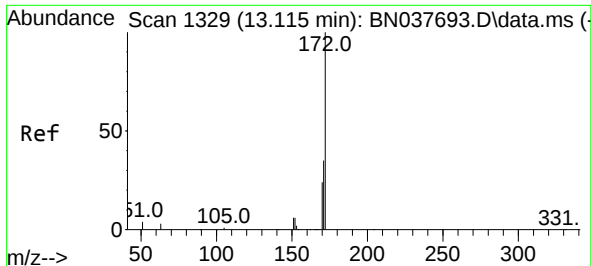
Tgt Ion:	164	Resp:	7097
Ion Ratio	Lower	Upper	
164	100		
162	103.2	83.1	124.7
160	55.3	44.3	66.5



#14
 2,4,6-Tribromophenol
 Concen: 0.397 ng
 RT: 15.969 min Scan# 1590
 Delta R.T. -0.013 min
 Lab File: BN037806.D
 Acq: 19 Sep 2025 09:25

Tgt Ion:	330	Resp:	734
Ion Ratio	Lower	Upper	
330	100		
332	102.0	75.3	112.9
141	44.8	35.0	52.4

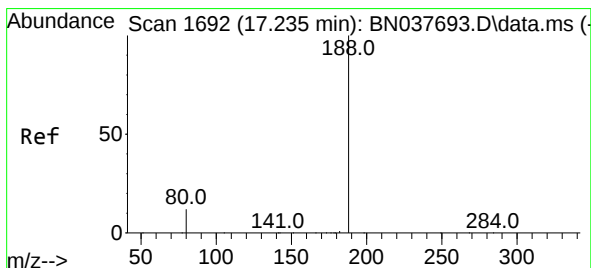
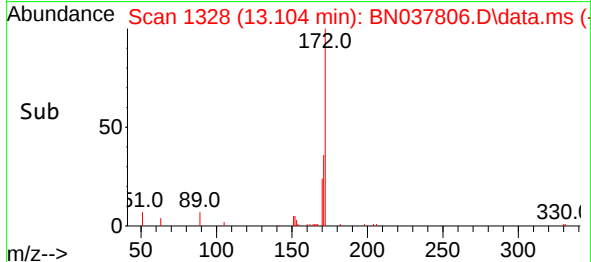
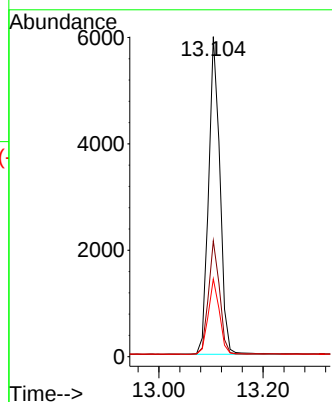
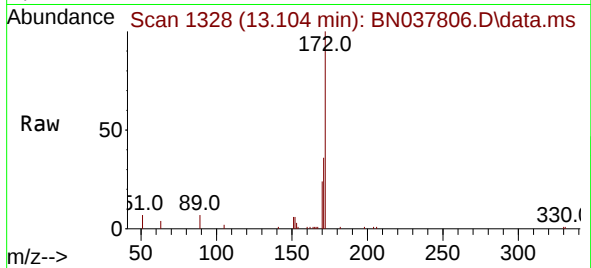




#15
2-Fluorobiphenyl
Concen: 0.302 ng
RT: 13.104 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN037806.D
Acq: 19 Sep 2025 09:25

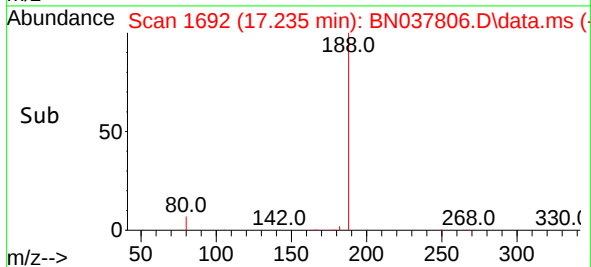
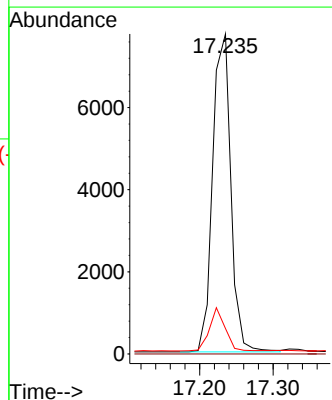
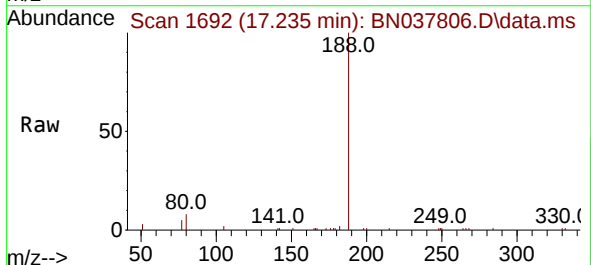
Instrument :
BNA_N
ClientSampleId :
RE117D2-20250911

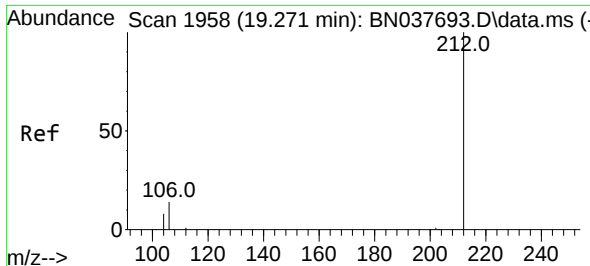
Tgt Ion:172 Resp: 8973
Ion Ratio Lower Upper
172 100
171 36.2 28.6 43.0
170 24.3 19.8 29.8



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 1692
Delta R.T. -0.000 min
Lab File: BN037806.D
Acq: 19 Sep 2025 09:25

Tgt Ion:188 Resp: 13316
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 10.6 15.8#

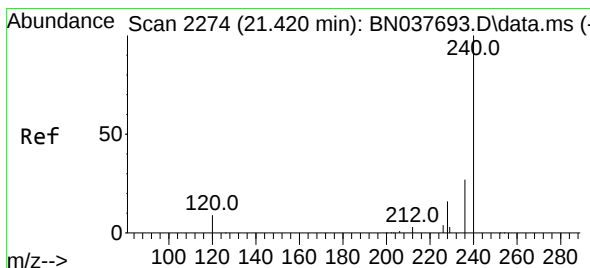
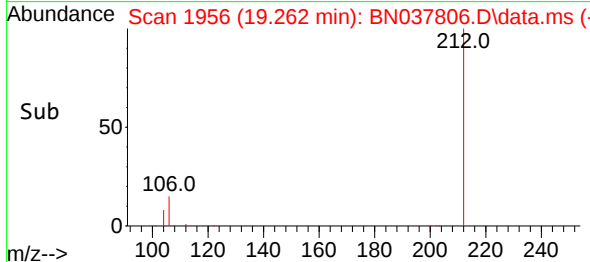
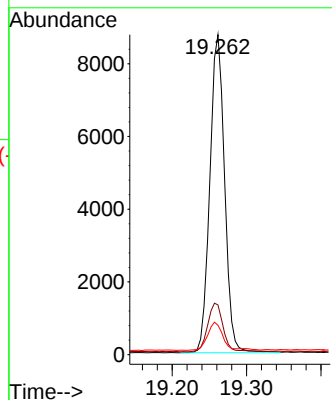
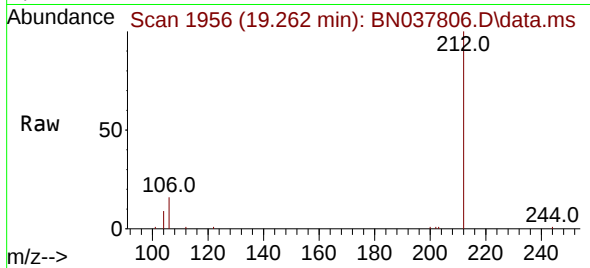




#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.010 min
Lab File: BN037806.D
Acq: 19 Sep 2025 09:25

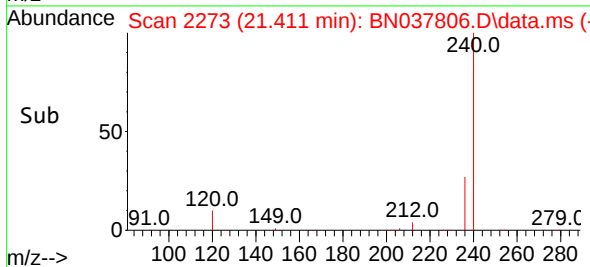
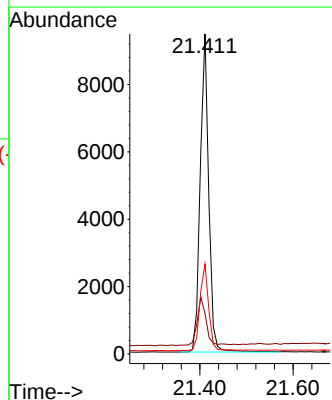
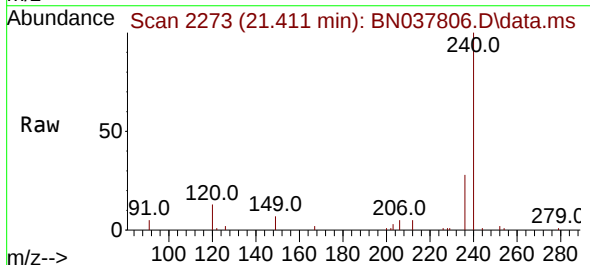
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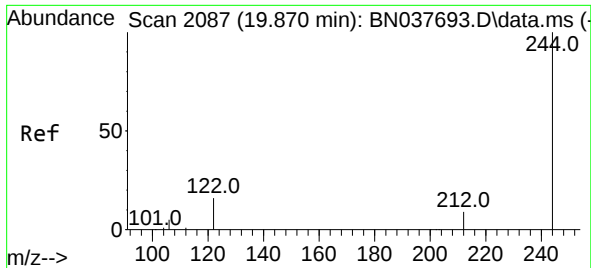
Tgt Ion:212 Resp: 12036
Ion Ratio Lower Upper
212 100
106 16.0 12.2 18.2
104 8.7 6.9 10.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 2273
Delta R.T. -0.009 min
Lab File: BN037806.D
Acq: 19 Sep 2025 09:25

Tgt Ion:240 Resp: 11984
Ion Ratio Lower Upper
240 100
120 12.7 9.2 13.8
236 28.2 22.6 33.8

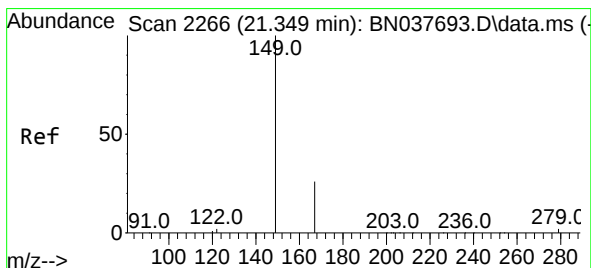
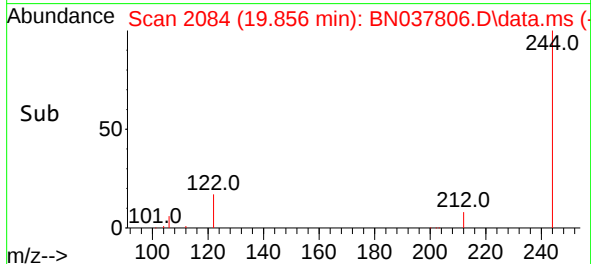
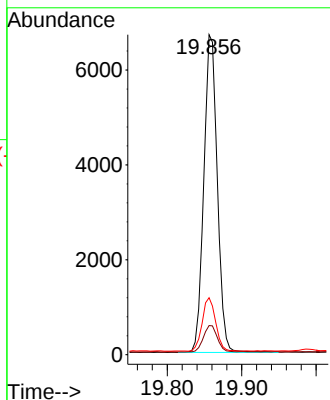
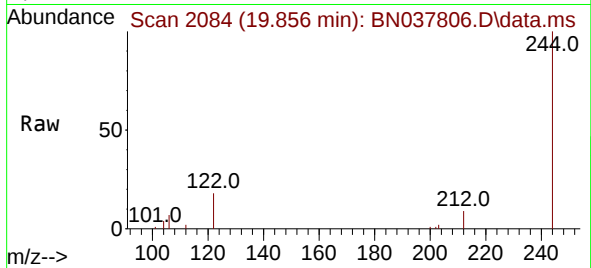




#31
 Terphenyl-d14
 Concen: 0.346 ng
 RT: 19.856 min Scan# 2084
 Delta R.T. -0.014 min
 Lab File: BN037806.D
 Acq: 19 Sep 2025 09:25

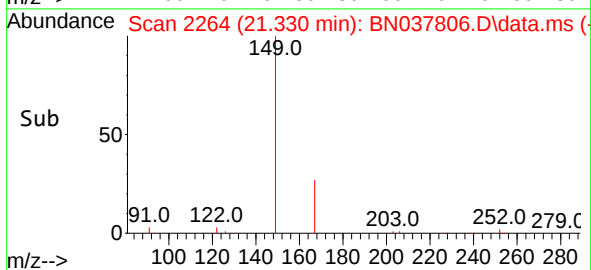
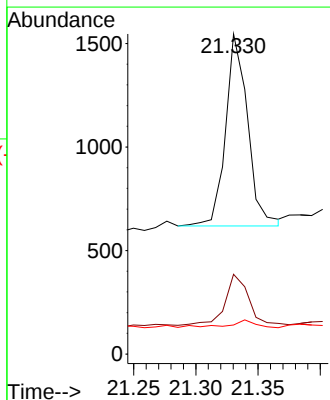
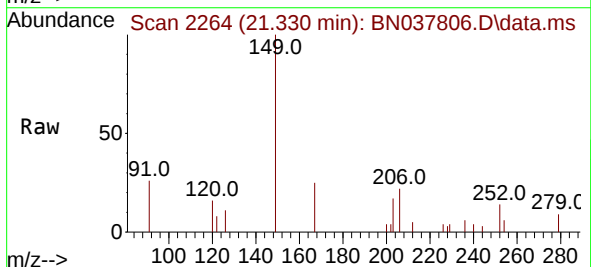
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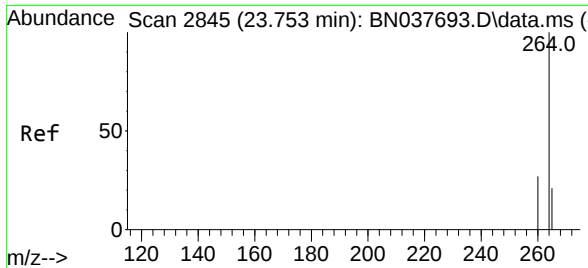
Tgt Ion:244 Resp: 8422
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.5 11.3
 122 17.8 13.2 19.8



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.092 ng
 RT: 21.330 min Scan# 2264
 Delta R.T. -0.018 min
 Lab File: BN037806.D
 Acq: 19 Sep 2025 09:25

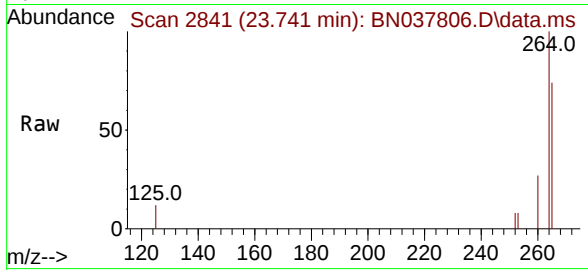
Tgt Ion:149 Resp: 1143
 Ion Ratio Lower Upper
 149 100
 167 28.1 20.8 31.2
 279 5.0 3.3 4.9#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.741 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN037806.D
Acq: 19 Sep 2025 09:25

Instrument :
BNA_N
ClientSampleId :
RE117D2-20250911



Tgt Ion:264 Resp: 11150
Ion Ratio Lower Upper
264 100
260 27.2 21.8 32.8
265 74.1 39.4 59.2#

