

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
 Data File : BN037815.D
 Acq On : 19 Sep 2025 15:32
 Operator : RC/JU
 Sample : Q3095-27
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20250910

Quant Time: Sep 19 16:55:45 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)

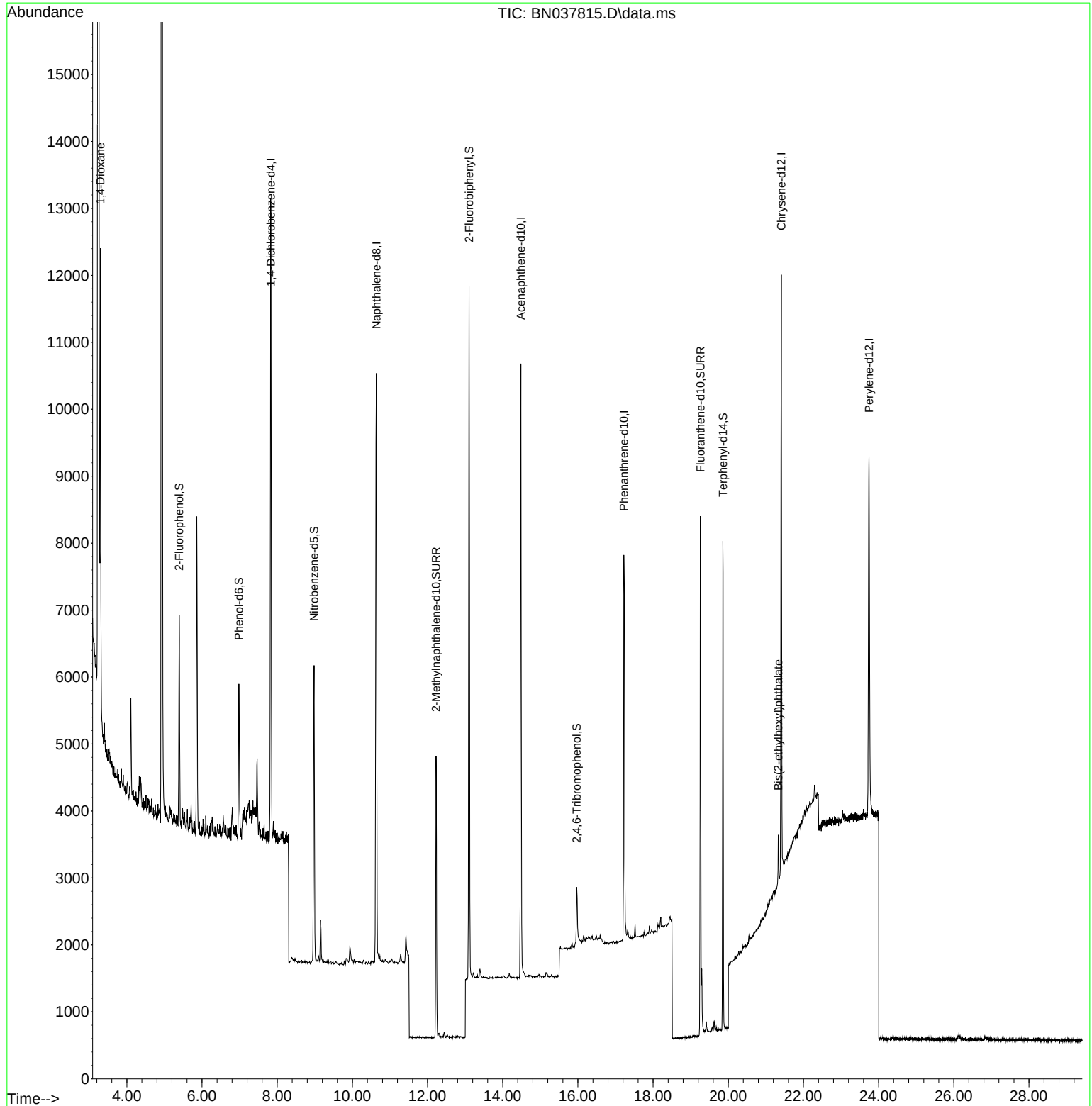
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.833	152	4745	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	12184	0.400	ng	-0.01
13) Acenaphthene-d10	14.484	164	5111	0.400	ng	-0.01
19) Phenanthrene-d10	17.223	188	8978	0.400	ng	-0.01
29) Chrysene-d12	21.411	240	8113	0.400	ng	# 0.00
35) Perylene-d12	23.744	264	7855	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.391	112	2461	0.226	ng	0.00
5) Phenol-d6	6.980	99	1910	0.135	ng	0.00
8) Nitrobenzene-d5	8.982	82	3685	0.413	ng	-0.01
11) 2-Methylnaphthalene-d10	12.227	152	5602	0.347	ng	-0.02
14) 2,4,6-Tribromophenol	15.969	330	591	0.443	ng	-0.01
15) 2-Fluorobiphenyl	13.105	172	8625	0.403	ng	-0.01
27) Fluoranthene-d10	19.262	212	8803	0.391	ng	0.00
31) Terphenyl-d14	19.856	244	6620	0.402	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.297	88	3638	0.736	ng	98
34) Bis(2-ethylhexyl)phtha...	21.331	149	723	0.086	ng	# 92

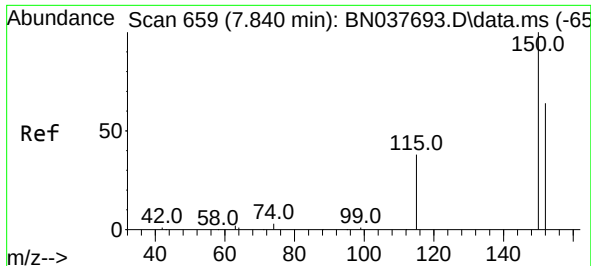
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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RE117D1-20250910

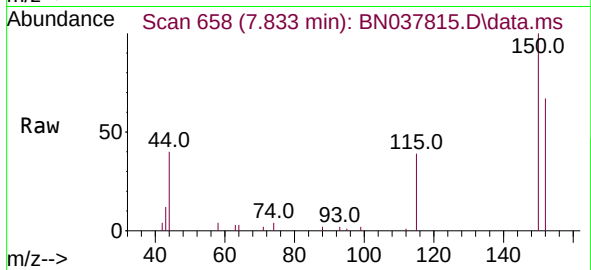
Quant Time: Sep 19 16:55:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration





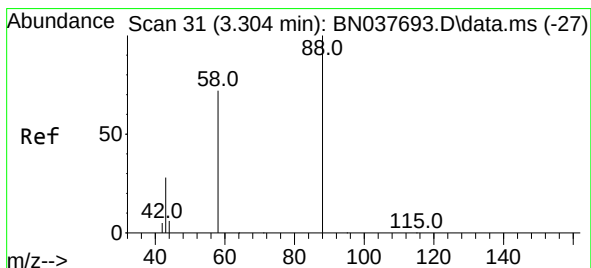
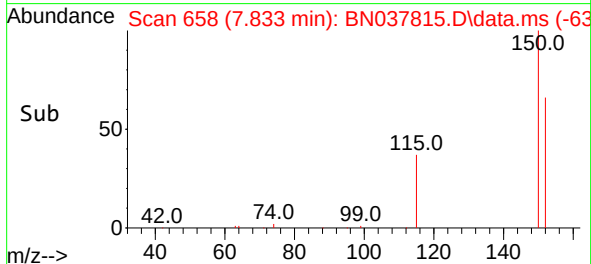
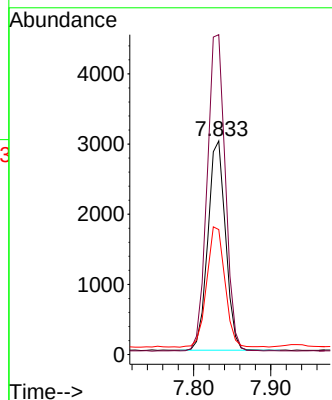
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.833 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: BN037815.D
 Acq: 19 Sep 2025 15:32

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20250910



Tgt Ion:152 Resp: 4745

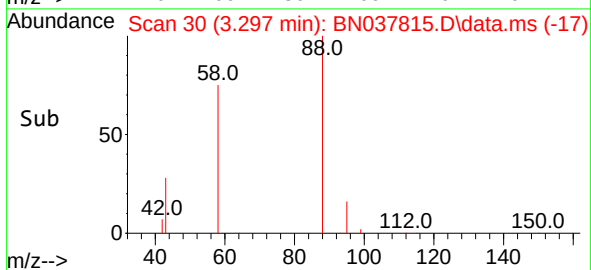
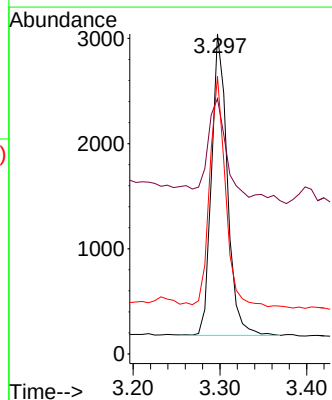
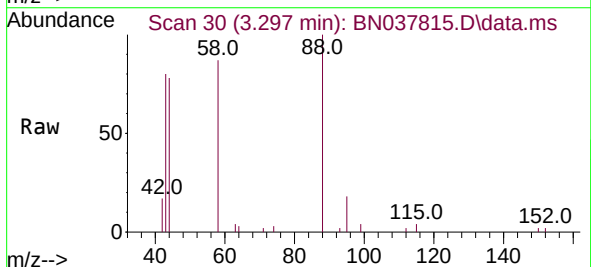
Ion	Ratio	Lower	Upper
152	100		
150	149.8	124.5	186.7
115	58.5	49.2	73.8

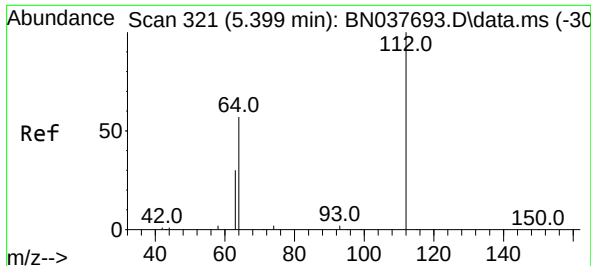


#2
 1,4-Dioxane
 Concen: 0.736 ng
 RT: 3.297 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037815.D
 Acq: 19 Sep 2025 15:32

Tgt Ion: 88 Resp: 3638

Ion	Ratio	Lower	Upper
88	100		
43	34.2	26.8	40.2
58	75.1	61.9	92.9

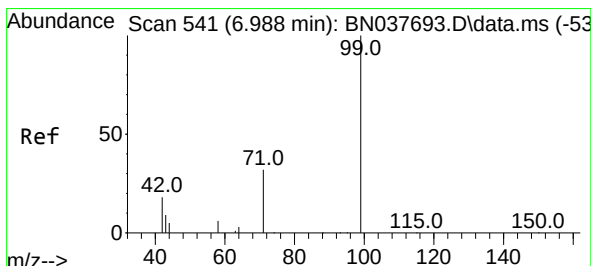
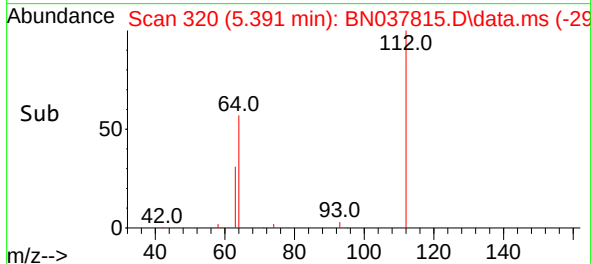
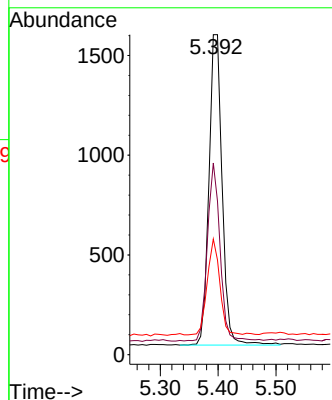
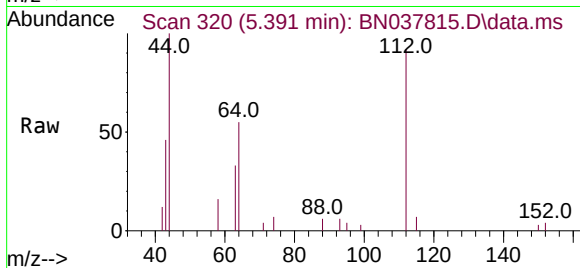




#4
2-Fluorophenol
Concen: 0.226 ng
RT: 5.391 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32

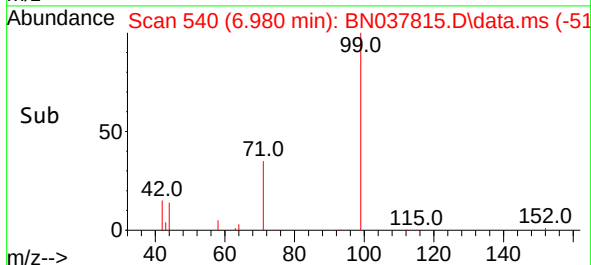
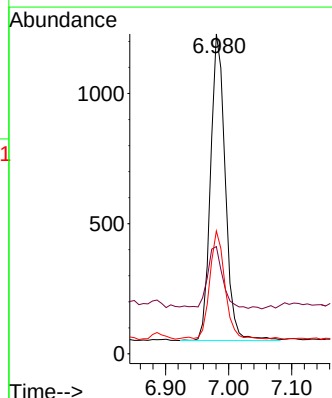
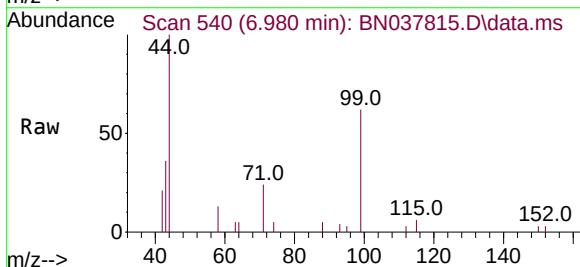
Instrument :
BNA_N
ClientSampleId :
RE117D1-20250910

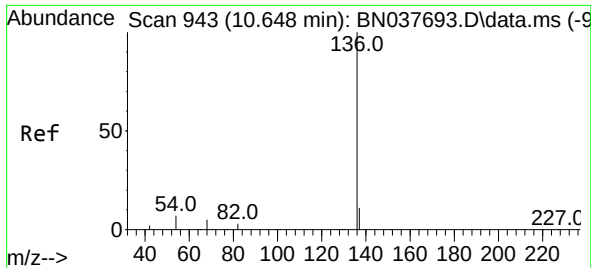
Tgt Ion:112 Resp: 2461
Ion Ratio Lower Upper
112 100
64 55.1 44.9 67.3
63 29.2 24.7 37.1



#5
Phenol-d6
Concen: 0.135 ng
RT: 6.980 min Scan# 540
Delta R.T. -0.007 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32

Tgt Ion: 99 Resp: 1910
Ion Ratio Lower Upper
99 100
42 20.6 16.6 24.8
71 36.5 26.7 40.1

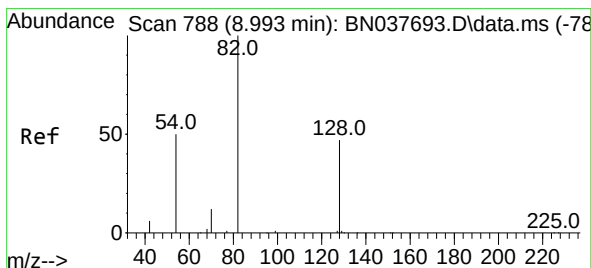
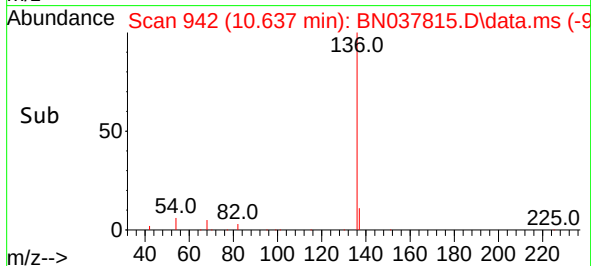
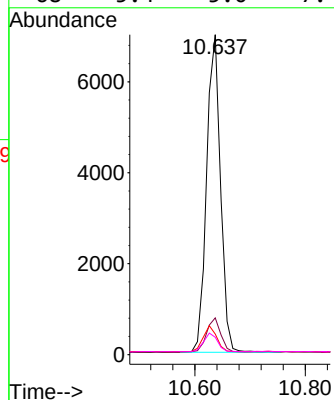
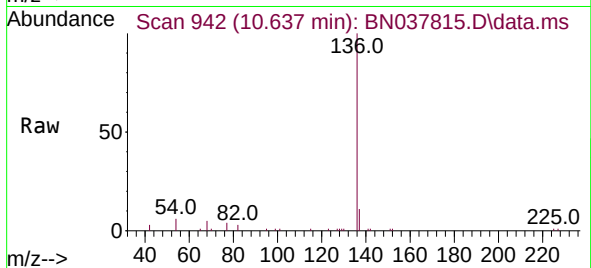




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32

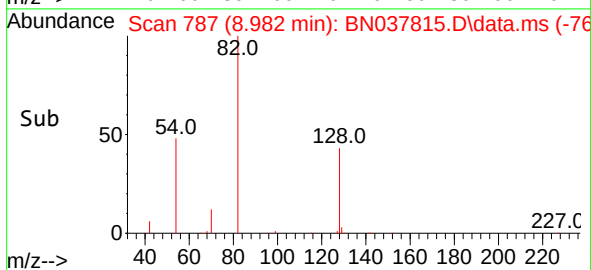
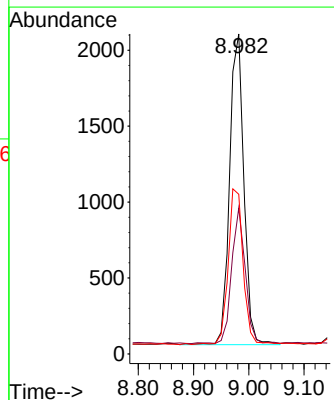
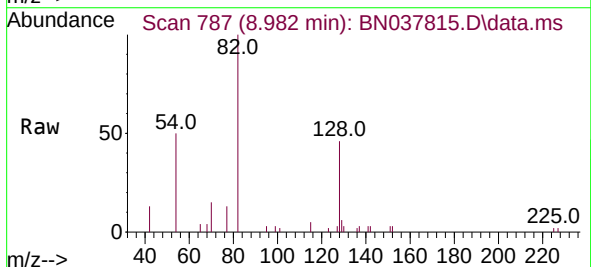
Instrument :
BNA_N
ClientSampleId :
RE117D1-20250910

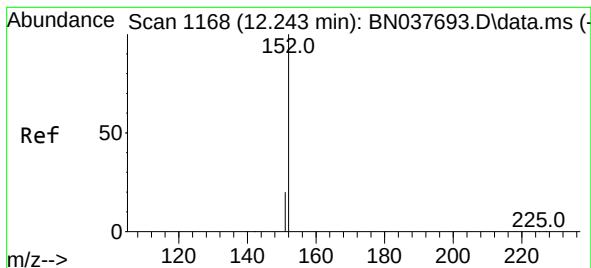
Tgt Ion:	136	Resp:	12184
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.4	6.3	9.5
68	5.4	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.413 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32

Tgt Ion:	82	Resp:	3685
Ion	Ratio	Lower	Upper
82	100		
128	45.6	38.3	57.5
54	49.9	41.4	62.2

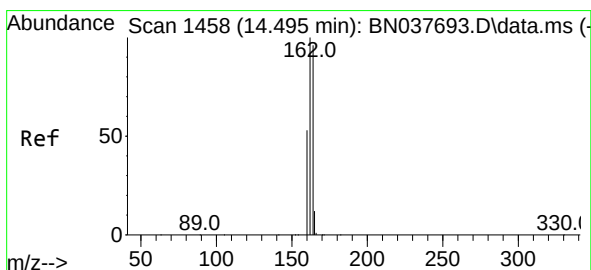
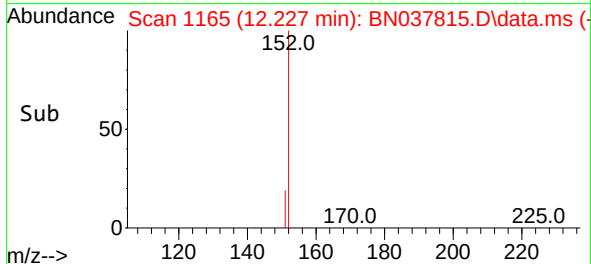
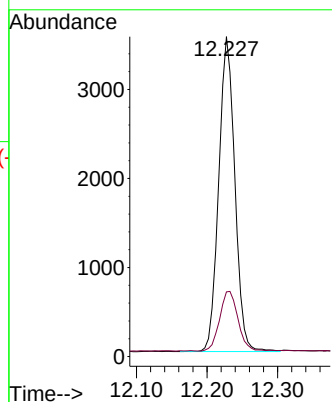
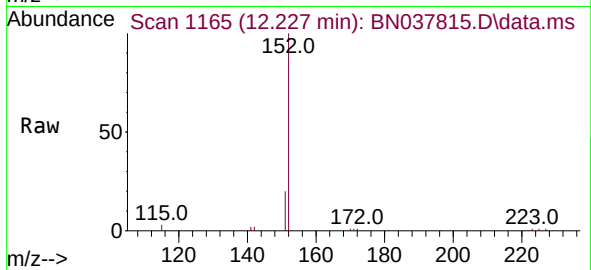




#11
2-Methylnaphthalene-d10
Concen: 0.347 ng
RT: 12.227 min Scan# 1165
Delta R.T. -0.015 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32

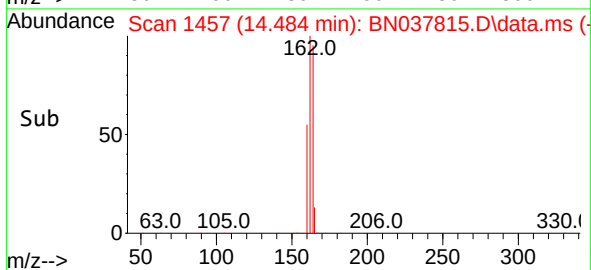
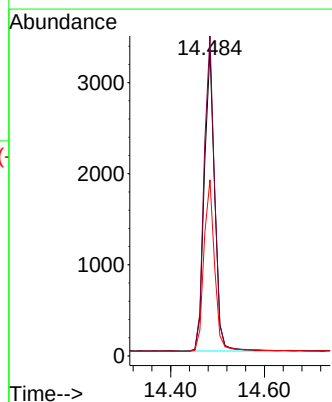
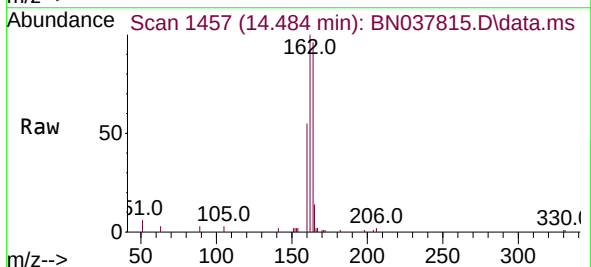
Instrument :
BNA_N
ClientSampleId :
RE117D1-20250910

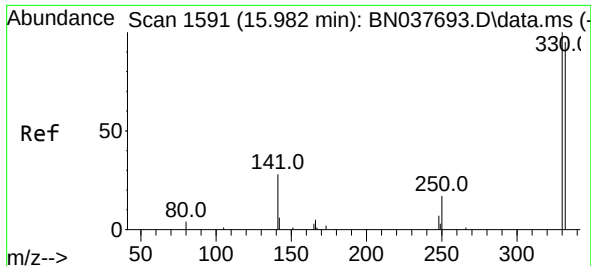
Tgt Ion:152 Resp: 5602
Ion Ratio Lower Upper
152 100
151 21.6 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.484 min Scan# 1457
Delta R.T. -0.011 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32

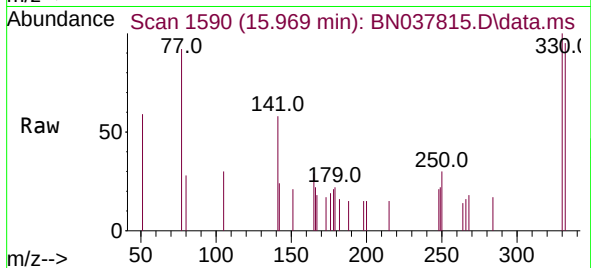
Tgt Ion:164 Resp: 5111
Ion Ratio Lower Upper
164 100
162 104.7 83.1 124.7
160 57.6 44.3 66.5



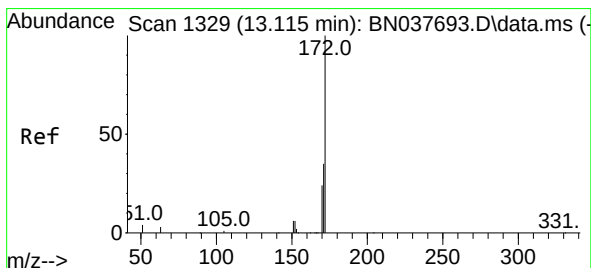
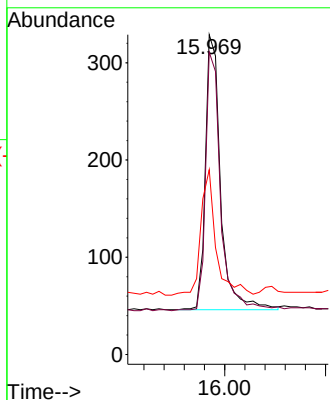
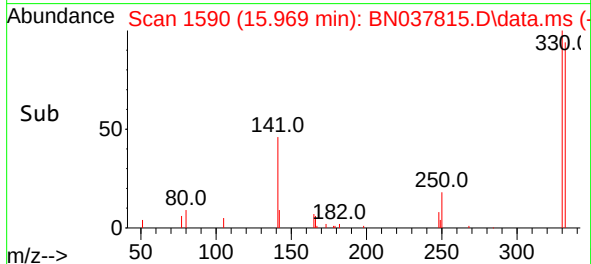


#14
2,4,6-Tribromophenol
Concen: 0.443 ng
RT: 15.969 min Scan# 1590
Delta R.T. -0.013 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32

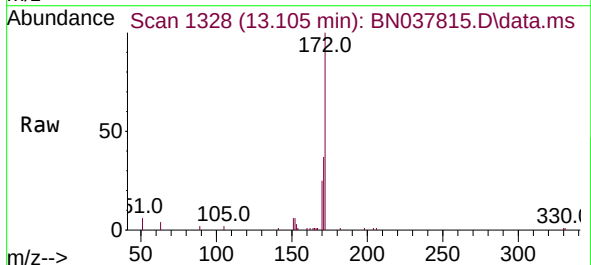
Instrument :
BNA_N
ClientSampleId :
RE117D1-20250910



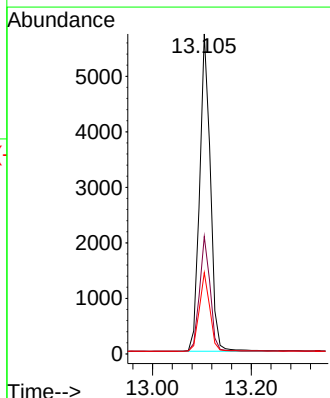
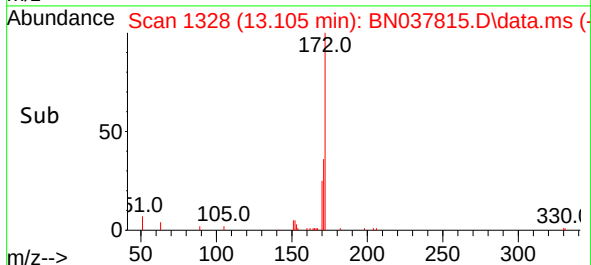
Tgt Ion: 330 Resp: 591
Ion Ratio Lower Upper
330 100
332 93.9 75.3 112.9
141 45.2 35.0 52.4

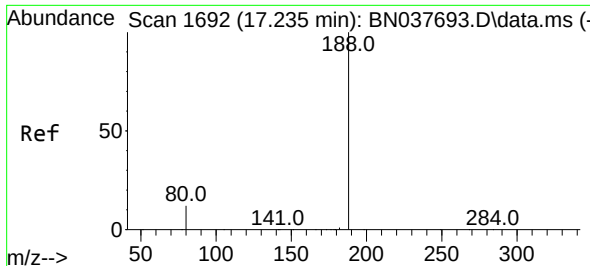


#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 13.105 min Scan# 1328
Delta R.T. -0.011 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32



Tgt Ion: 172 Resp: 8625
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 25.4 19.8 29.8

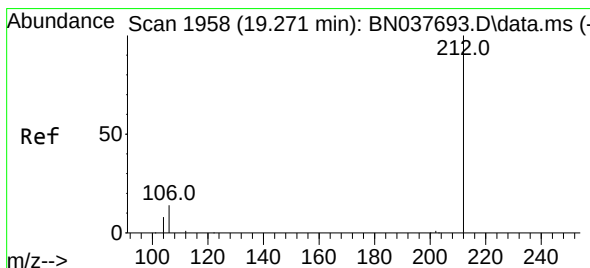
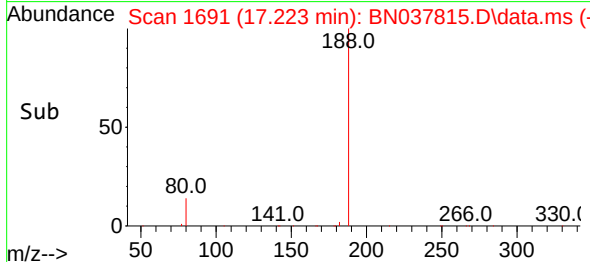
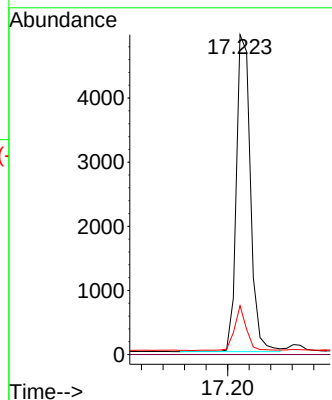
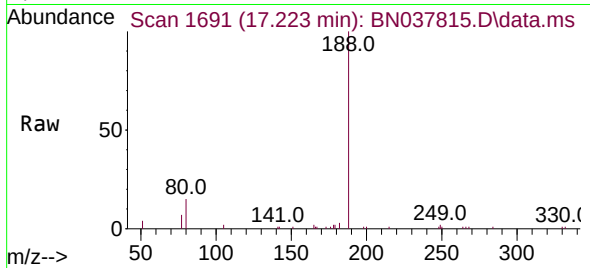




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.223 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32

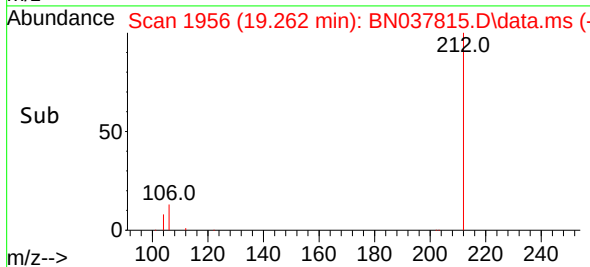
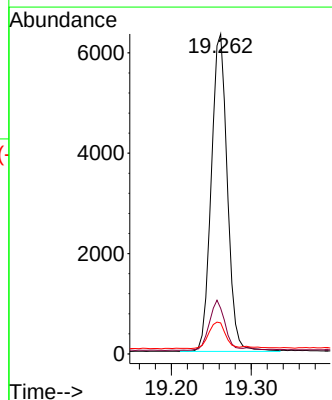
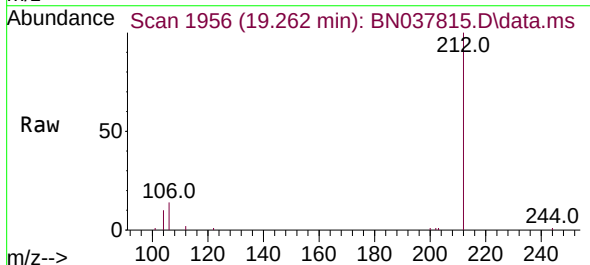
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BNA_N
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RE117D1-20250910

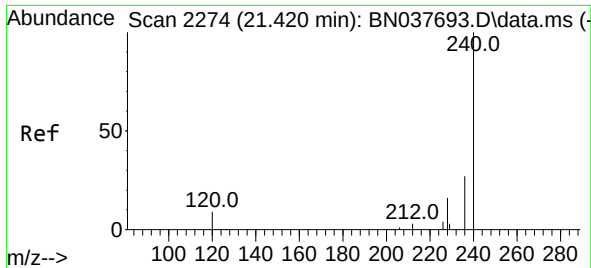
Tgt Ion:188 Resp: 8978
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.3 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.262 min Scan# 1956
Delta R.T. -0.009 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32

Tgt Ion:212 Resp: 8803
Ion Ratio Lower Upper
212 100
106 15.3 12.2 18.2
104 8.7 6.9 10.3

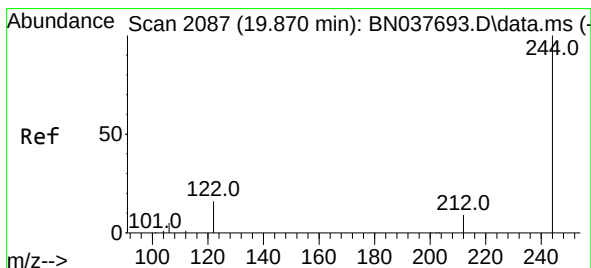
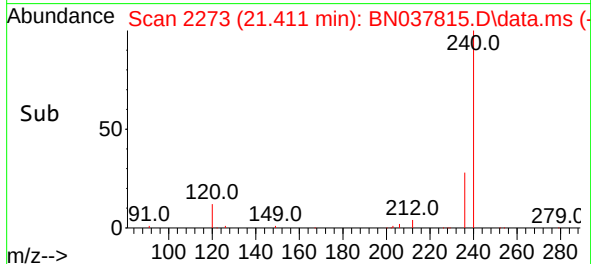
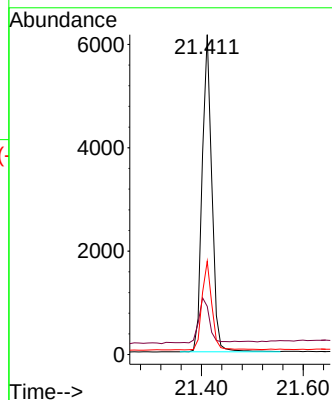
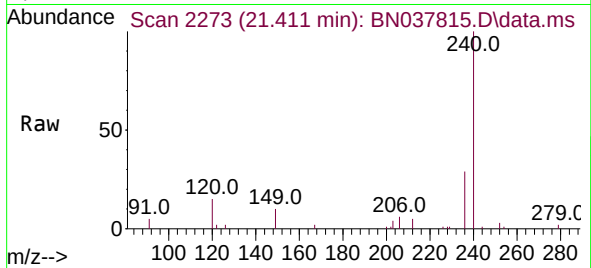




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32

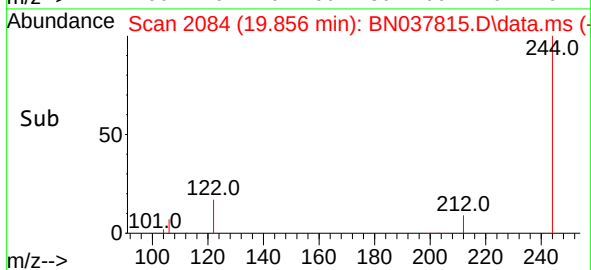
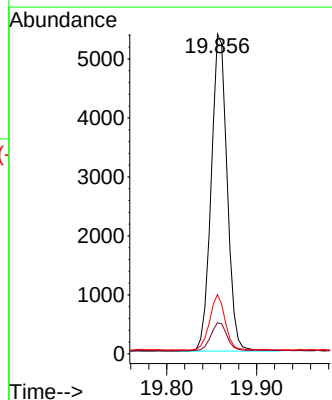
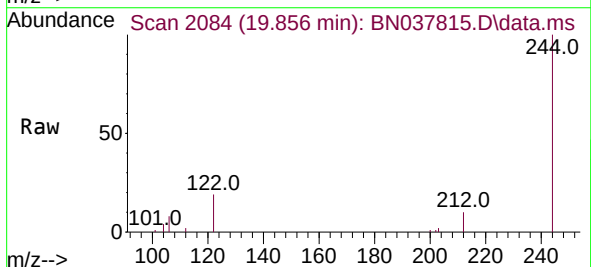
Instrument :
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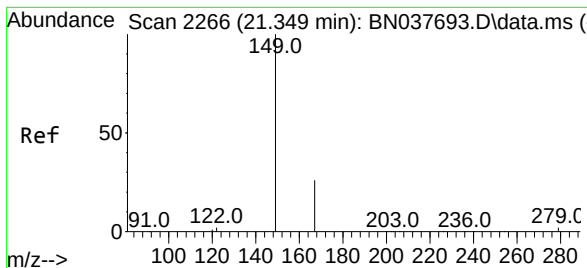
Tgt Ion:240 Resp: 8113
Ion Ratio Lower Upper
240 100
120 15.1 9.2 13.8#
236 29.2 22.6 33.8



#31
Terphenyl-d14
Concen: 0.402 ng
RT: 19.856 min Scan# 2084
Delta R.T. -0.014 min
Lab File: BN037815.D
Acq: 19 Sep 2025 15:32

Tgt Ion:244 Resp: 6620
Ion Ratio Lower Upper
244 100
212 9.7 7.5 11.3
122 18.5 13.2 19.8

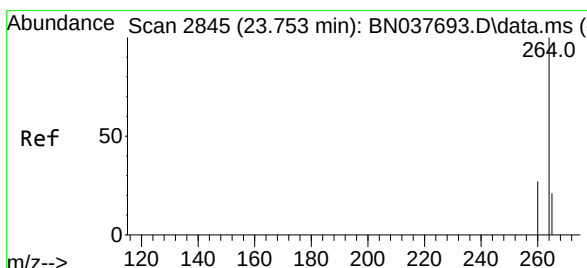
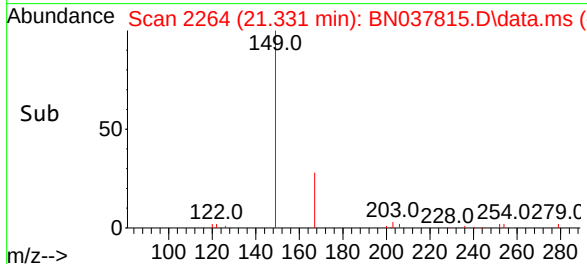
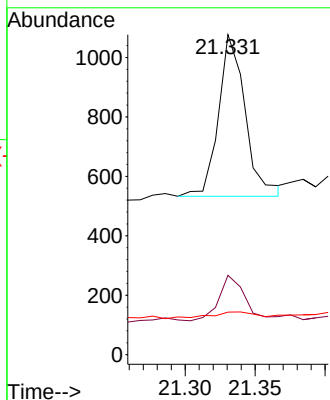
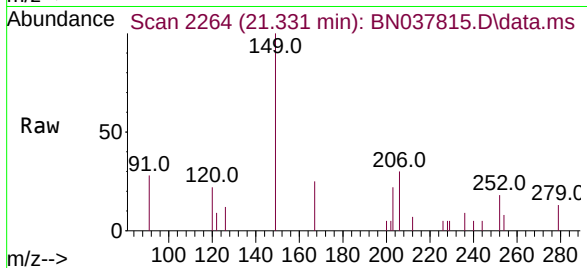




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.086 ng
 RT: 21.331 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BN037815.D
 Acq: 19 Sep 2025 15:32

Instrument :
 BNA_N
 ClientSampleId :
 RE117D1-20250910

Tgt Ion:149 Resp: 723
 Ion Ratio Lower Upper
 149 100
 167 29.7 20.8 31.2
 279 7.3 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.744 min Scan# 2842
 Delta R.T. -0.009 min
 Lab File: BN037815.D
 Acq: 19 Sep 2025 15:32

Tgt Ion:264 Resp: 7855
 Ion Ratio Lower Upper
 264 100
 260 28.0 21.8 32.8
 265 88.8 39.4 59.2#

