

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037615.D
 Acq On : 19 Aug 2025 19:43
 Operator : RC/JU
 Sample : Q2878-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-37.5-081425

Quant Time: Aug 20 01:29:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 13 05:00:58 2025
 Response via : Initial Calibration

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

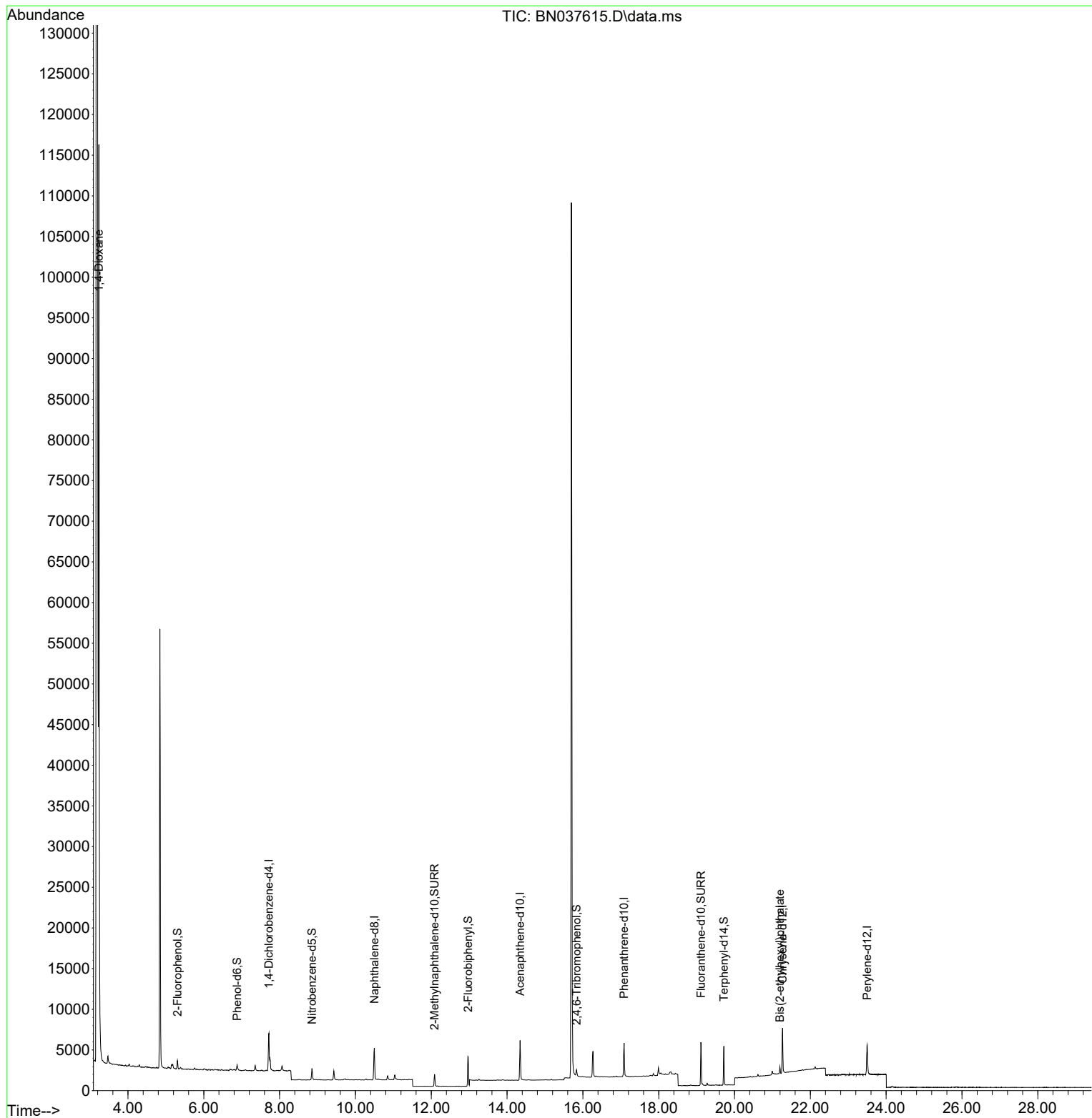
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2250	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5479	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2729	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5759	0.400	ng	0.00
29) Chrysene-d12	21.268	240	5360	0.400	ng	0.00
35) Perylene-d12	23.499	264	4886	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	751	0.147	ng	0.00
5) Phenol-d6	6.879	99	566	0.092	ng	0.00
8) Nitrobenzene-d5	8.854	82	1174	0.304	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	2019	0.271	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	463	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	4882	0.309	ng	0.00
27) Fluoranthene-d10	19.113	212	5798	0.383	ng	0.00
31) Terphenyl-d14	19.717	244	4557	0.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	52511	24.394	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	811	0.110	ng	99

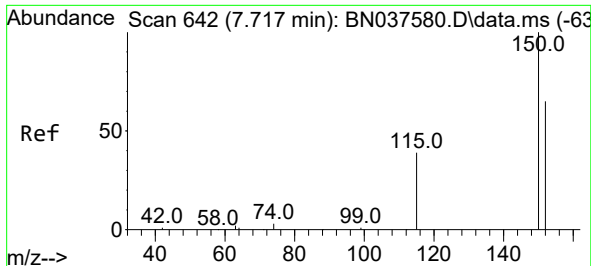
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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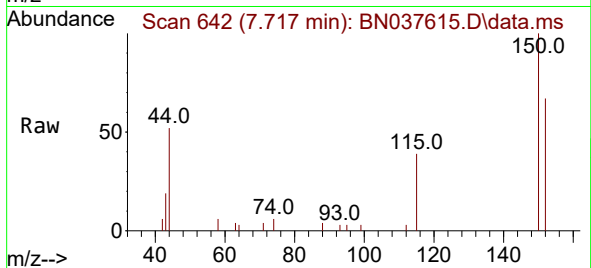
Quant Time: Aug 20 01:29:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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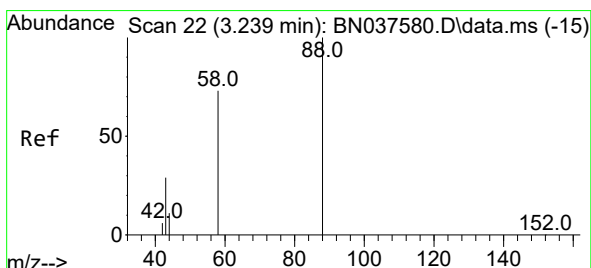
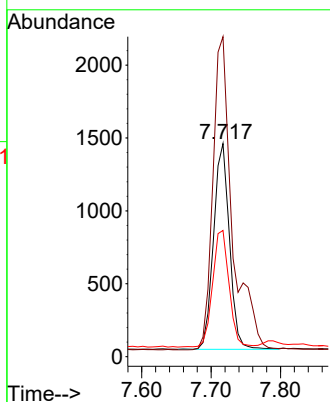
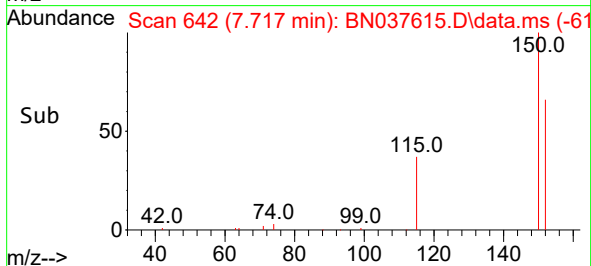


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037615.D
 Acq: 19 Aug 2025 19:43

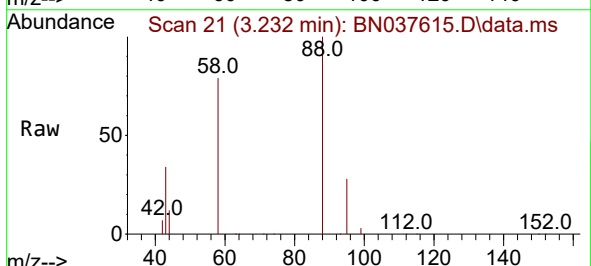
Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-37.5-081425



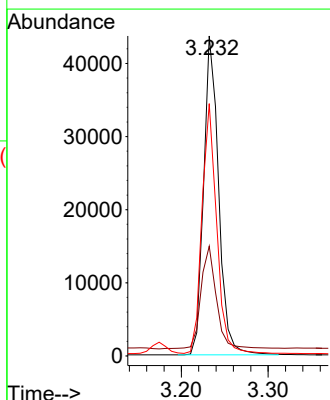
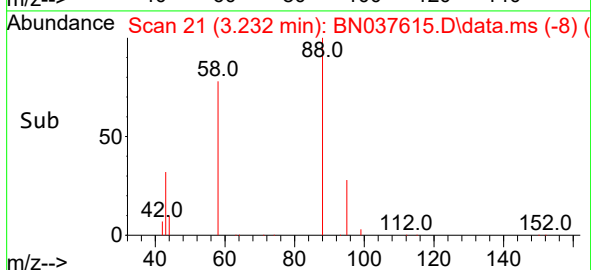
Tgt Ion:152 Resp: 2250
 Ion Ratio Lower Upper
 152 100
 150 150.1 122.2 183.4
 115 59.2 49.8 74.6

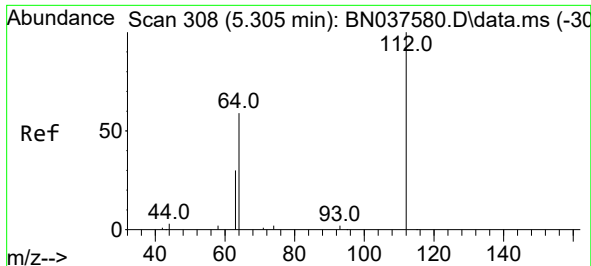


#2
 1,4-Dioxane
 Concen: 24.394 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN037615.D
 Acq: 19 Aug 2025 19:43



Tgt Ion: 88 Resp: 52511
 Ion Ratio Lower Upper
 88 100
 43 33.3 25.8 38.6
 58 76.4 61.2 91.8

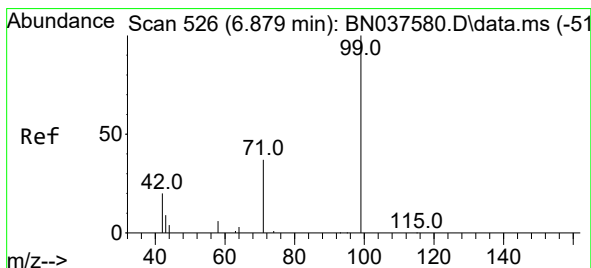
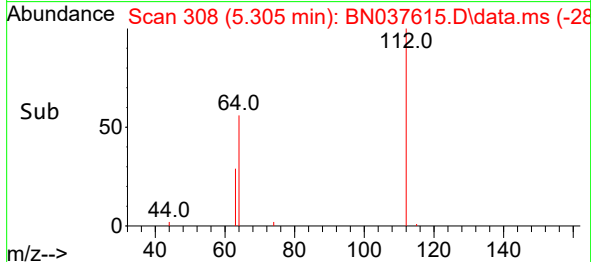
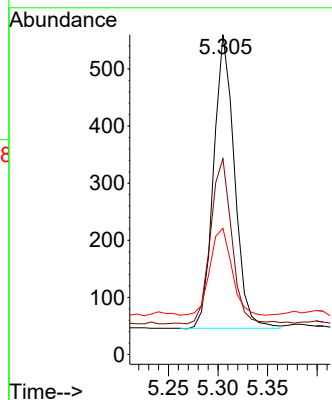
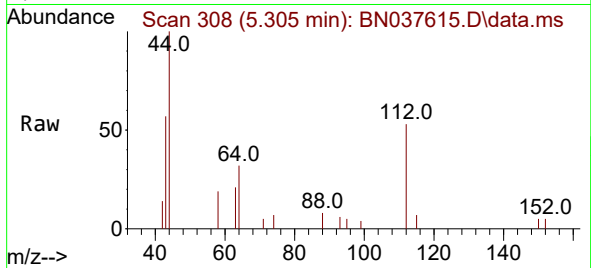




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

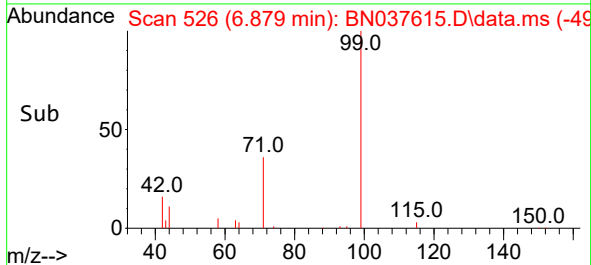
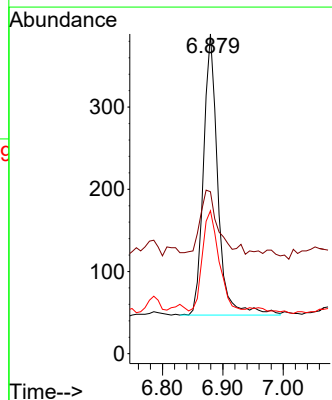
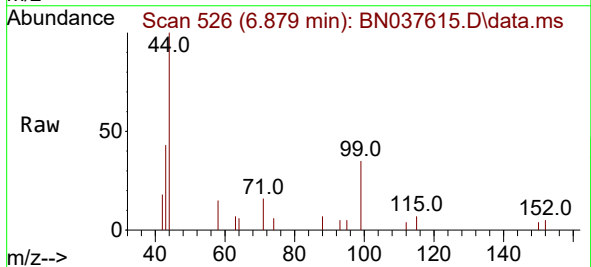
Instrument :
BNA_N
ClientSampleId :
MW-11A-37.5-081425

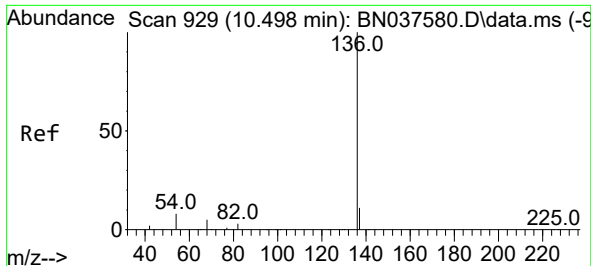
Tgt Ion:	112	Resp:	751
Ion	Ratio	Lower	Upper
112	100		
64	57.3	44.9	67.3
63	32.2	23.4	35.2



#5
Phenol-d6
Concen: 0.092 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion:	99	Resp:	566
Ion	Ratio	Lower	Upper
99	100		
42	27.6	18.5	27.7
71	43.1	28.6	42.8

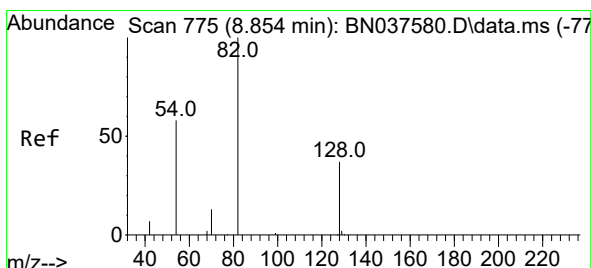
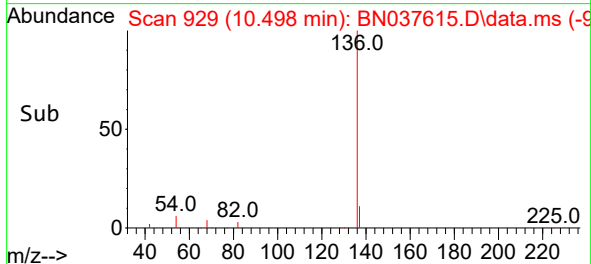
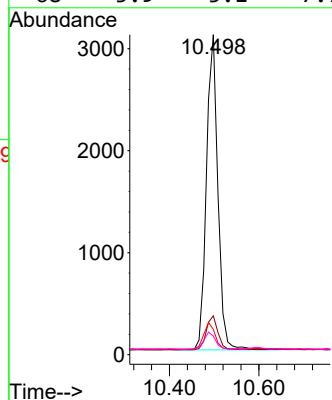
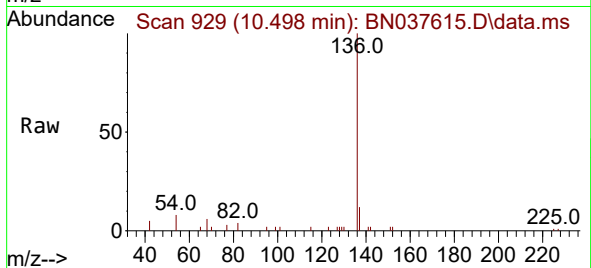




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

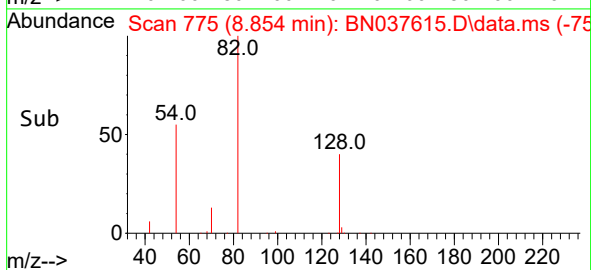
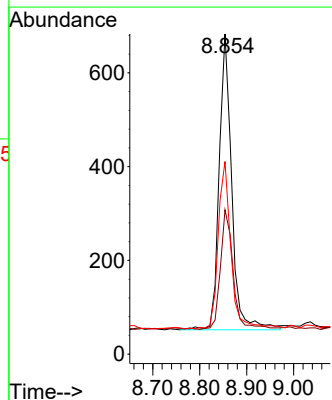
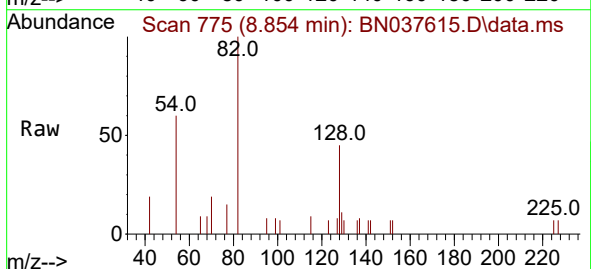
Instrument :
BNA_N
ClientSampleId :
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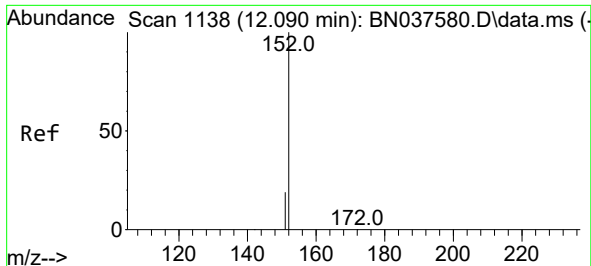
Tgt Ion:	136	Resp:	5479
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.5	14.3
54	7.9	7.3	10.9
68	5.9	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.304 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion:	82	Resp:	1174
Ion	Ratio	Lower	Upper
82	100		
128	45.1	32.6	48.8
54	60.2	48.9	73.3

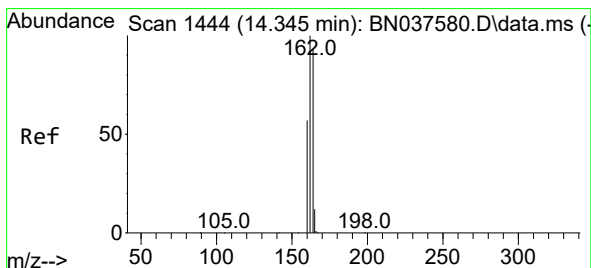
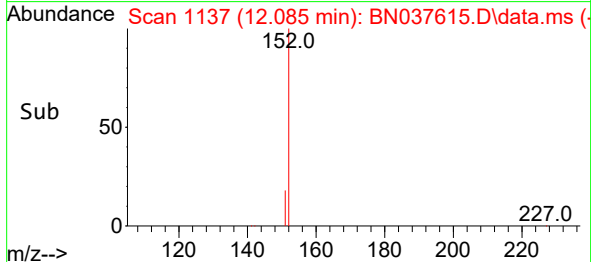
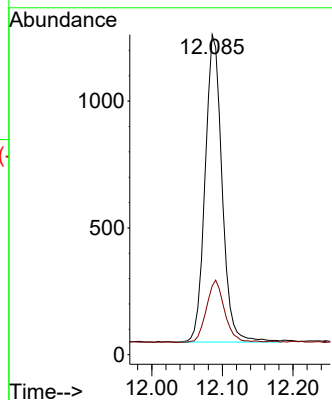
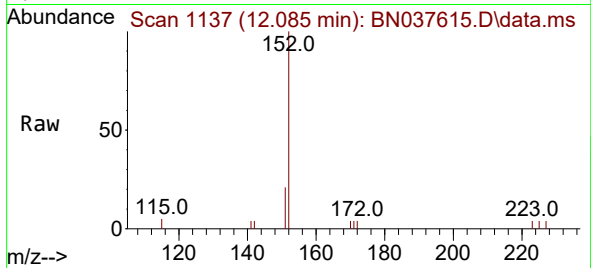




#11
2-Methylnaphthalene-d10
Concen: 0.271 ng
RT: 12.085 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

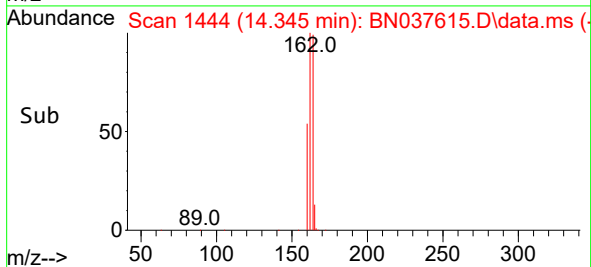
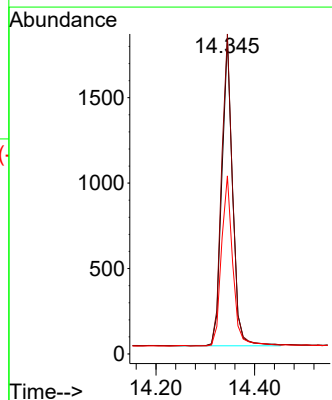
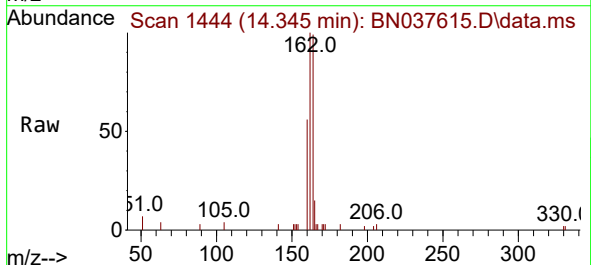
Instrument :
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ClientSampleId :
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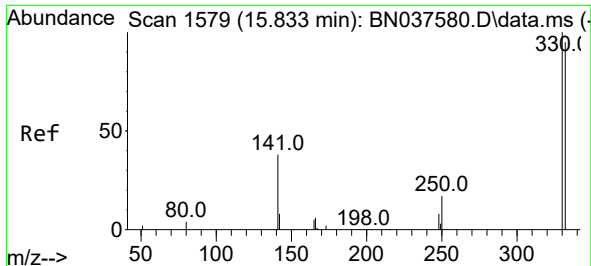
Tgt Ion:152 Resp: 2019
Ion Ratio Lower Upper
152 100
151 21.6 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion:164 Resp: 2729
Ion Ratio Lower Upper
164 100
162 101.3 85.5 128.3
160 56.4 49.5 74.3

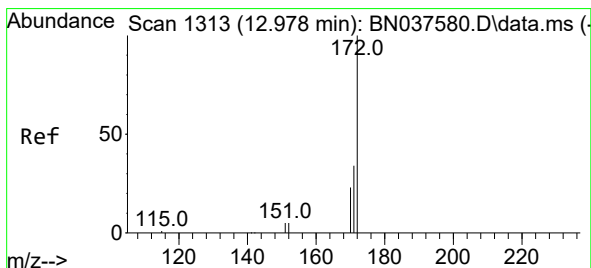
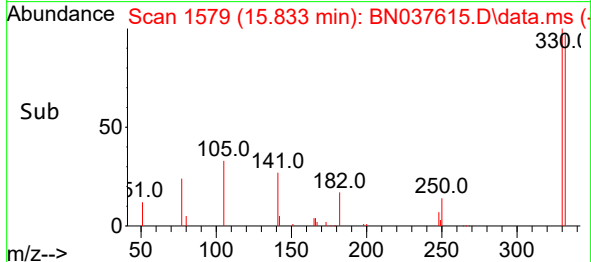
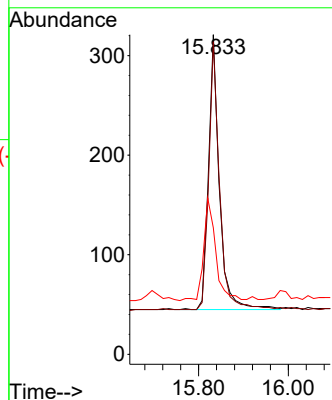
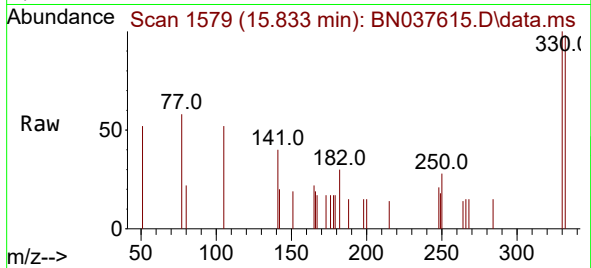




#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

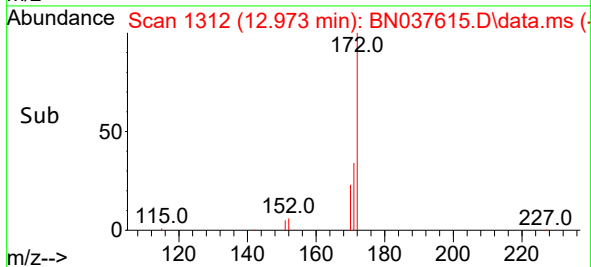
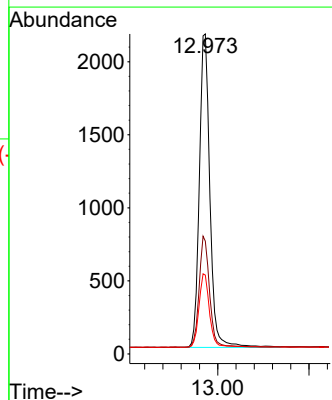
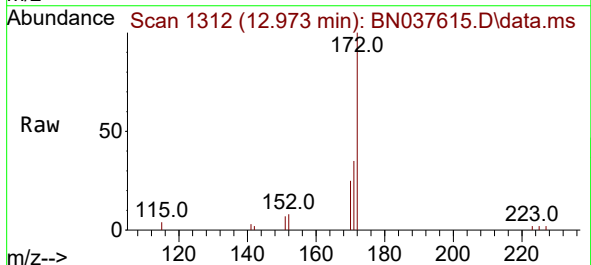
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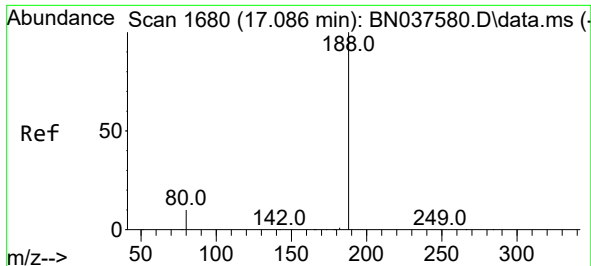
Tgt Ion:330 Resp: 463
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 41.0 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.309 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion:172 Resp: 4882
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 24.7 19.2 28.8

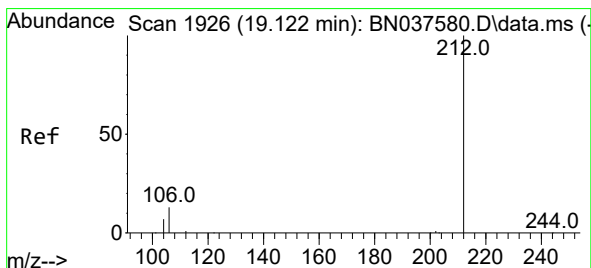
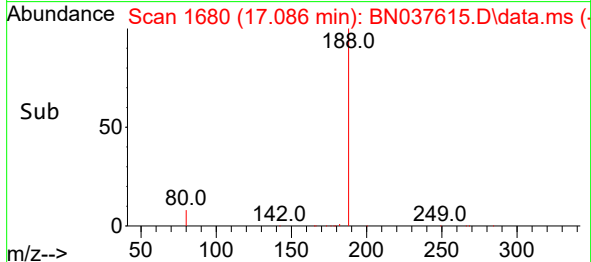
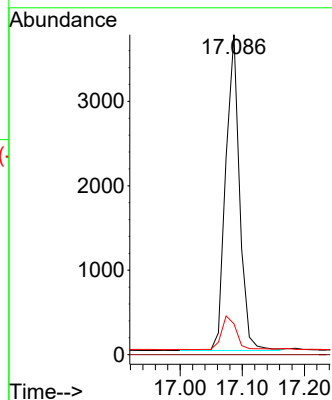
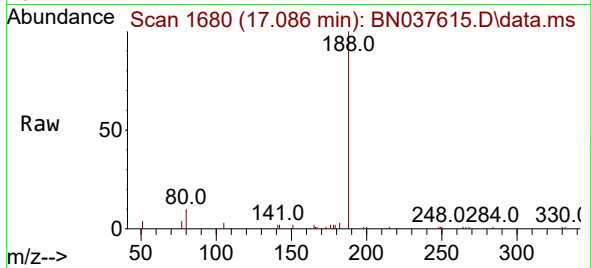




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

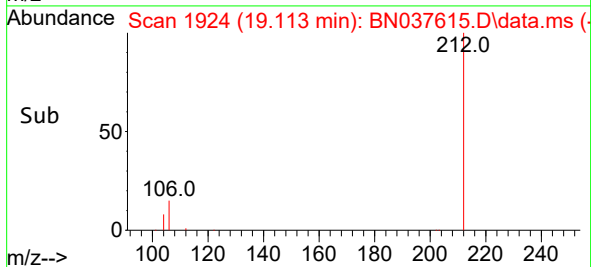
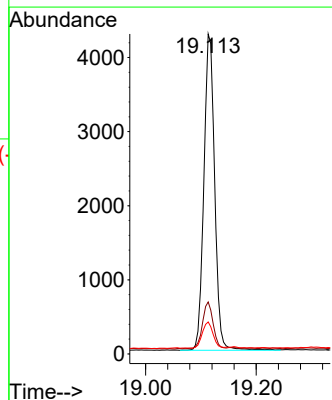
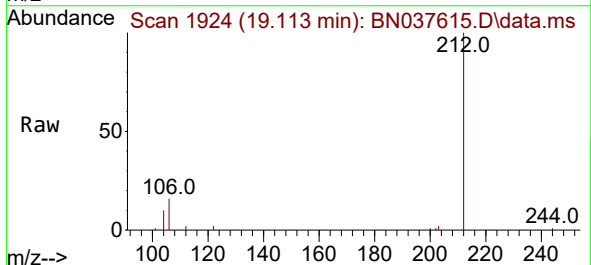
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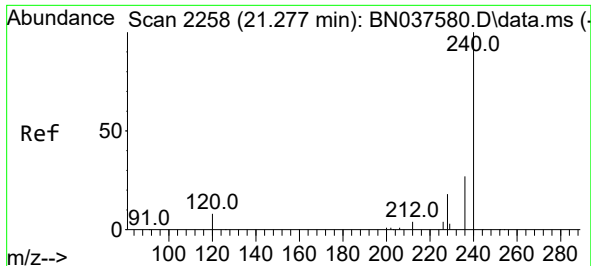
Tgt Ion:188 Resp: 5759
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 9.1 13.7



#27
Fluoranthene-d10
Concen: 0.383 ng
RT: 19.113 min Scan# 1924
Delta R.T. -0.009 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion:212 Resp: 5798
Ion Ratio Lower Upper
212 100
106 14.5 11.5 17.3
104 8.2 6.6 9.8

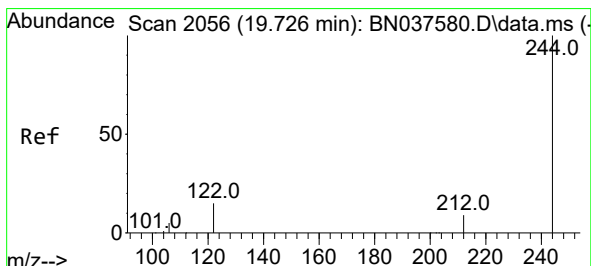
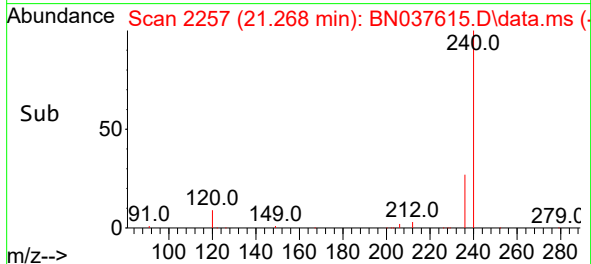
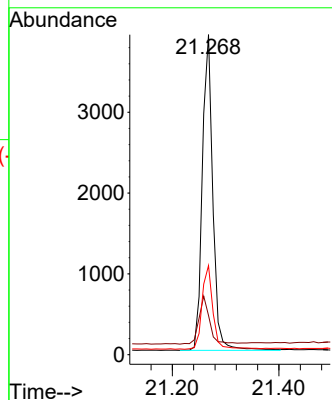
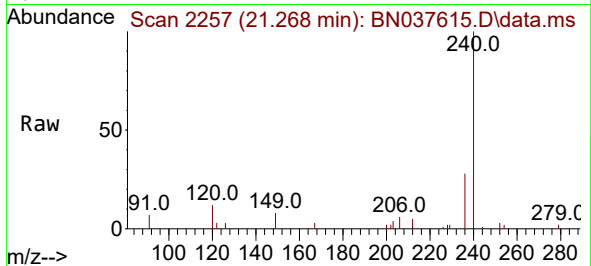




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

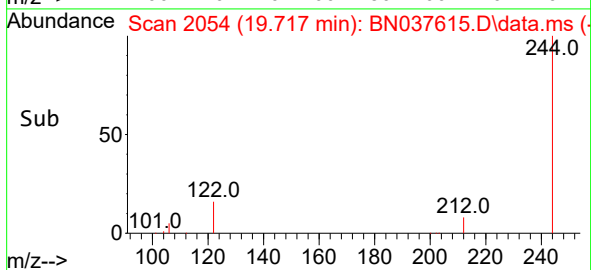
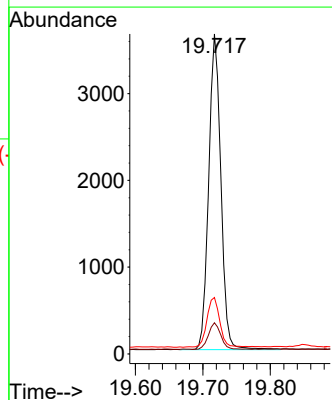
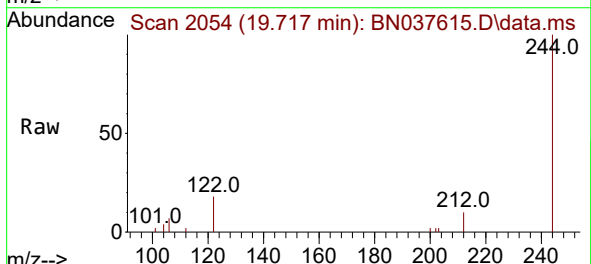
Instrument :
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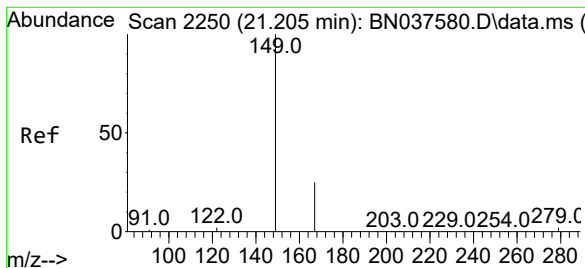
Tgt Ion:240 Resp: 5360
Ion Ratio Lower Upper
240 100
120 12.3 8.9 13.3
236 27.8 22.6 33.8



#31
Terphenyl-d14
Concen: 0.413 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN037615.D
Acq: 19 Aug 2025 19:43

Tgt Ion:244 Resp: 4557
Ion Ratio Lower Upper
244 100
212 9.8 8.2 12.2
122 17.7 13.2 19.8

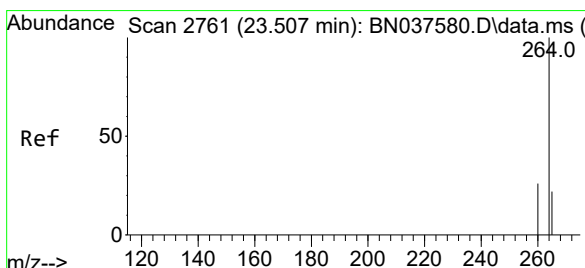
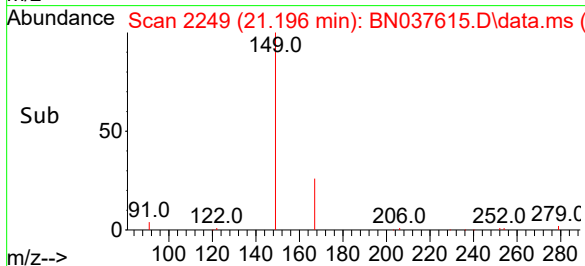
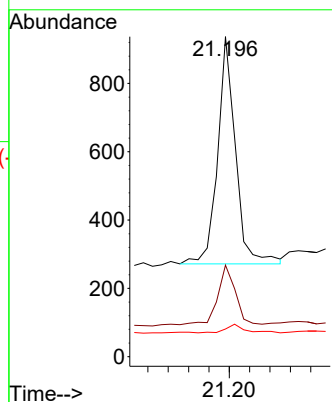
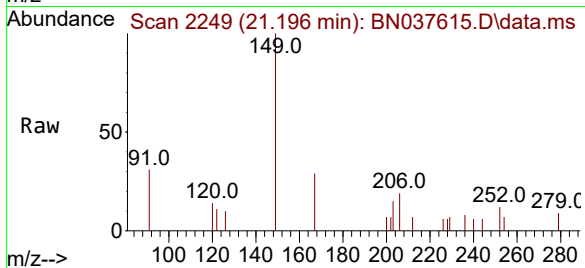




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.110 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.009 min
 Lab File: BN037615.D
 Acq: 19 Aug 2025 19:43

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-37.5-081425

Tgt Ion:	149	Resp:	811
Ion Ratio	Lower	Upper	
149	100		
167	25.4	20.5	30.7
279	3.9	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.499 min Scan# 2758
 Delta R.T. -0.009 min
 Lab File: BN037615.D
 Acq: 19 Aug 2025 19:43

Tgt Ion:	264	Resp:	4886
Ion Ratio	Lower	Upper	
264	100		
260	27.4	21.6	32.4
265	66.6	48.2	72.4

