

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
 Data File : BN037610.D
 Acq On : 19 Aug 2025 16:42
 Operator : RC/JU
 Sample : Q2869-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-081325

Quant Time: Aug 20 01:27:29 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)

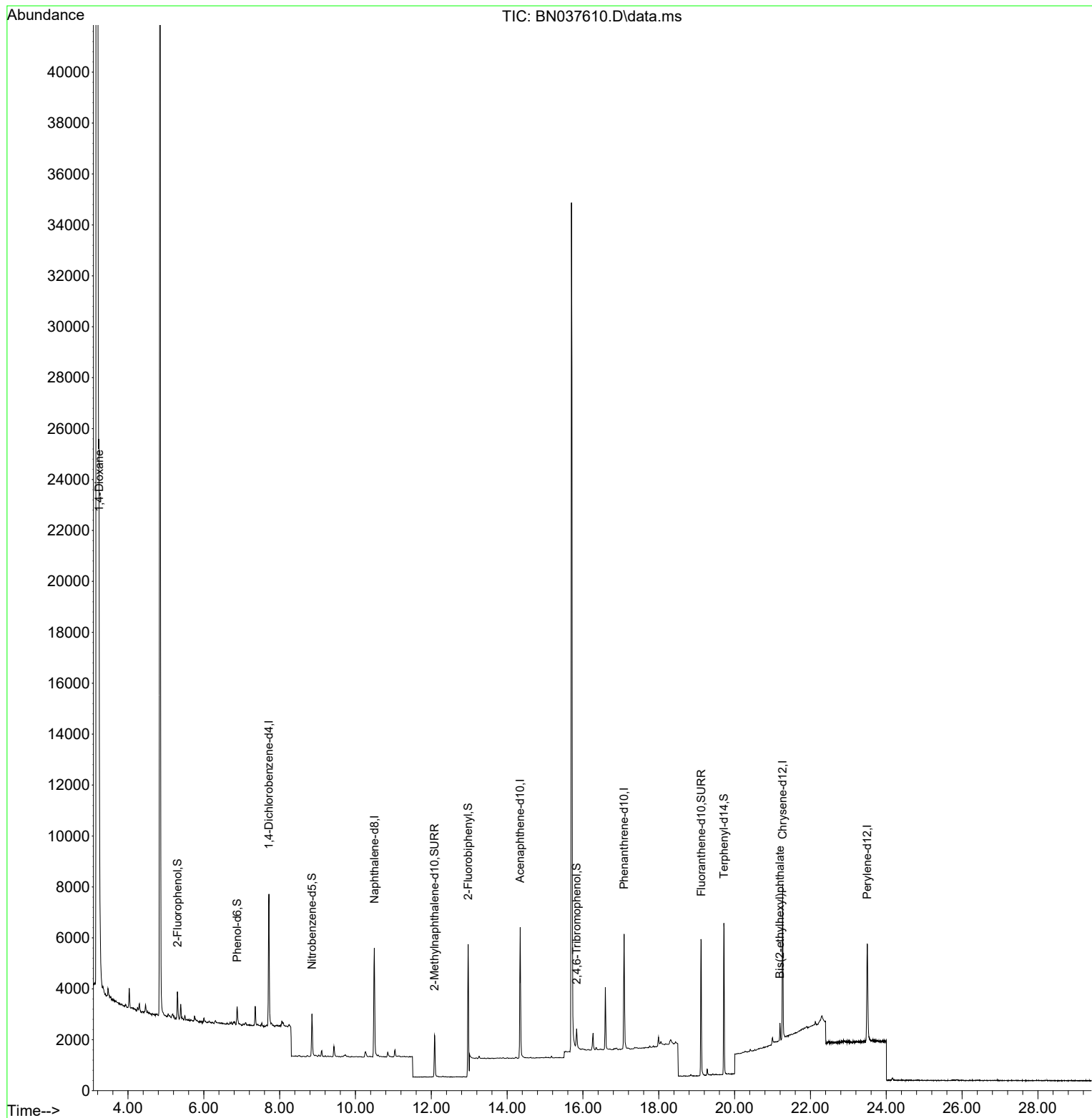
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2495	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	6050	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2961	0.400	ng	0.00
19) Phenanthrene-d10	17.087	188	6177	0.400	ng	0.00
29) Chrysene-d12	21.268	240	5539	0.400	ng	# 0.00
35) Perylene-d12	23.499	264	5233	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	830	0.147	ng	0.00
5) Phenol-d6	6.880	99	585	0.086	ng	0.00
8) Nitrobenzene-d5	8.854	82	1383	0.325	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	2376	0.289	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	497	0.384	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	6938	0.405	ng	0.00
27) Fluoranthene-d10	19.118	212	6064	0.373	ng	0.00
31) Terphenyl-d14	19.717	244	5707	0.501	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.240	88	5375	2.252	ng	Qvalue 97
34) Bis(2-ethylhexyl)phtha...	21.196	149	628	0.082	ng	# 96

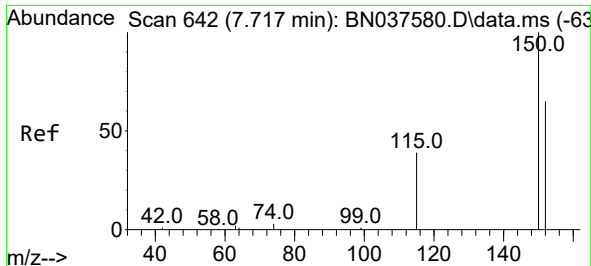
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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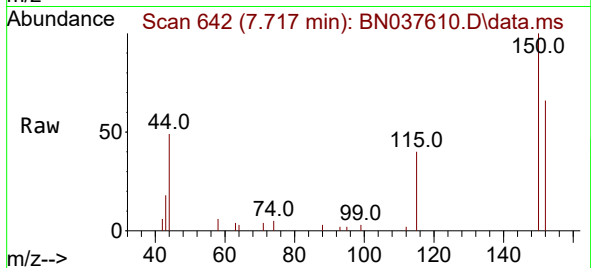
Quant Time: Aug 20 01:27:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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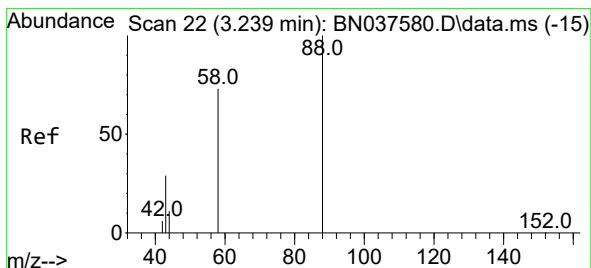
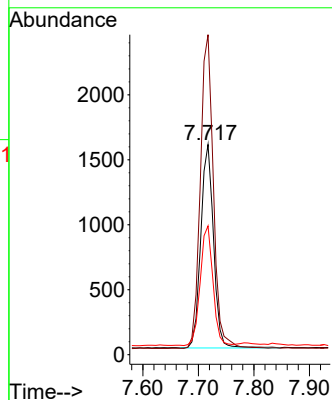
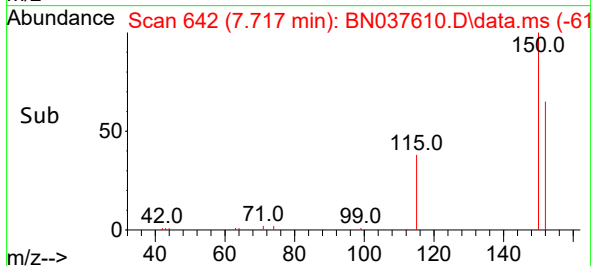


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037610.D
 Acq: 19 Aug 2025 16:42

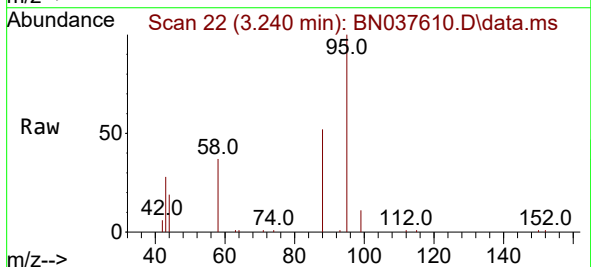
Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-081325



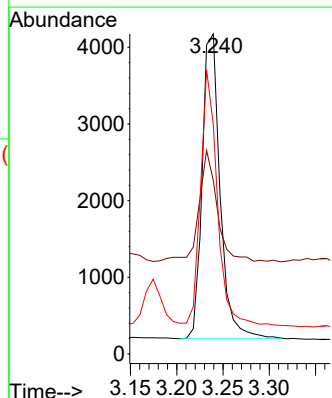
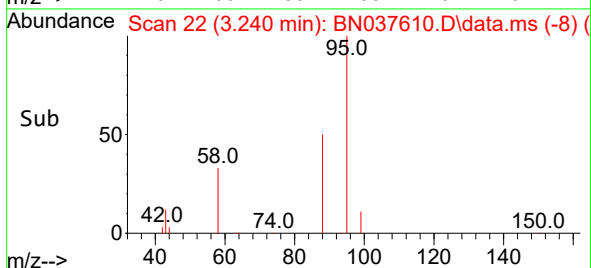
Tgt Ion:152 Resp: 2495
 Ion Ratio Lower Upper
 152 100
 150 152.2 122.2 183.4
 115 61.2 49.8 74.6

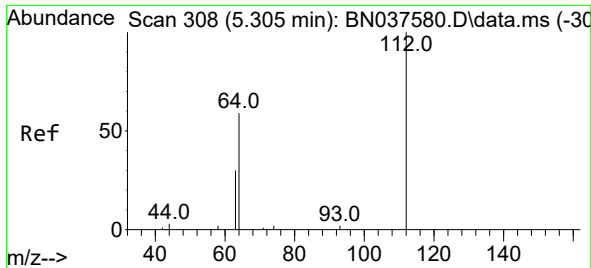


#2
 1,4-Dioxane
 Concen: 2.252 ng
 RT: 3.240 min Scan# 22
 Delta R.T. 0.000 min
 Lab File: BN037610.D
 Acq: 19 Aug 2025 16:42



Tgt Ion: 88 Resp: 5375
 Ion Ratio Lower Upper
 88 100
 43 37.3 25.8 38.6
 58 77.5 61.2 91.8

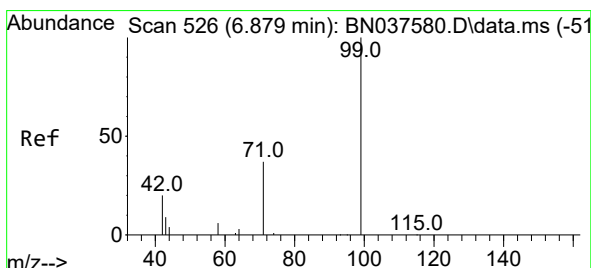
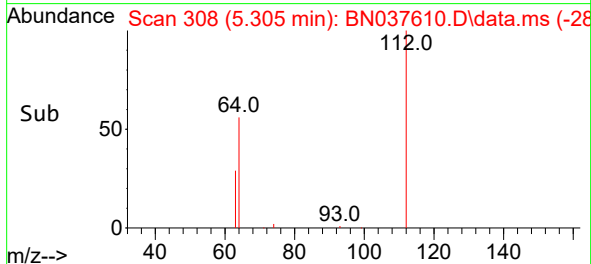
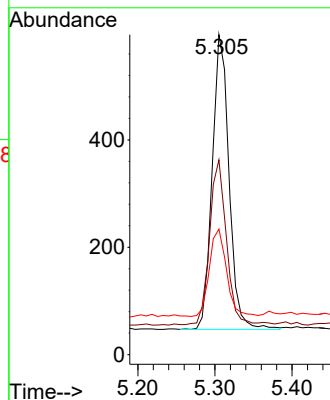
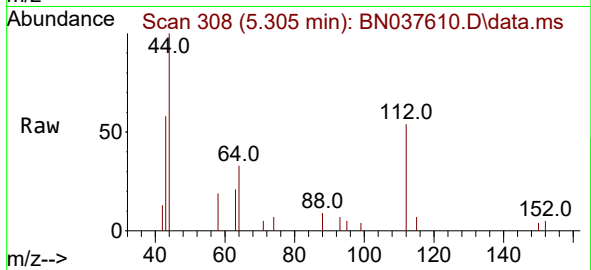




#4
2-Fluorophenol
Concen: 0.147 ng
RT: 5.305 min Scan# 308
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

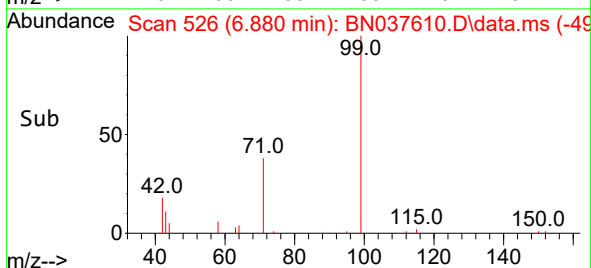
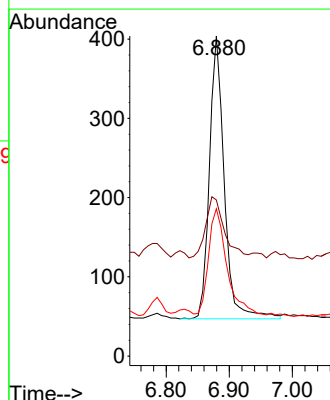
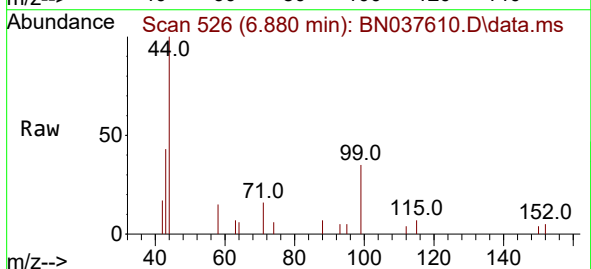
Instrument :
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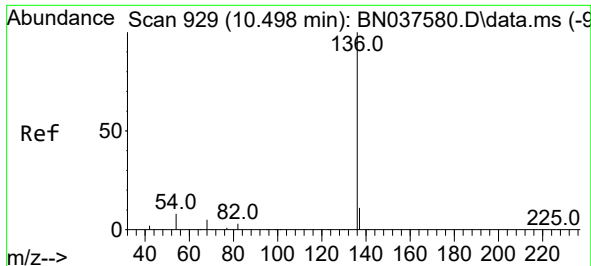
Tgt Ion:112 Resp: 830
Ion Ratio Lower Upper
112 100
64 56.7 44.9 67.3
63 30.2 23.4 35.2



#5
Phenol-d6
Concen: 0.086 ng
RT: 6.880 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion: 99 Resp: 585
Ion Ratio Lower Upper
99 100
42 26.7 18.5 27.7
71 46.0 28.6 42.8#

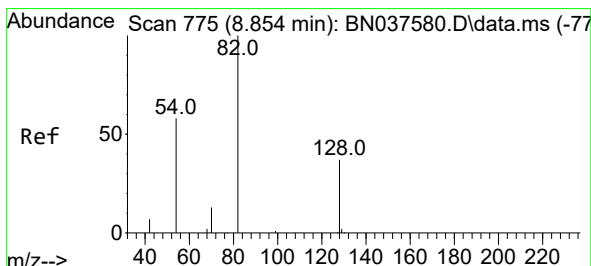
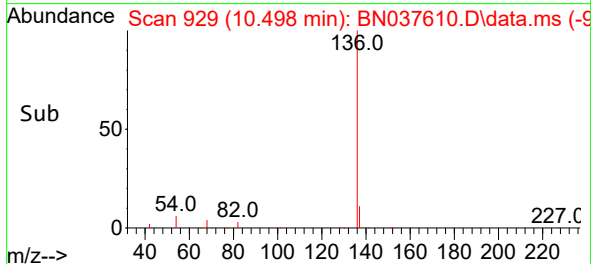
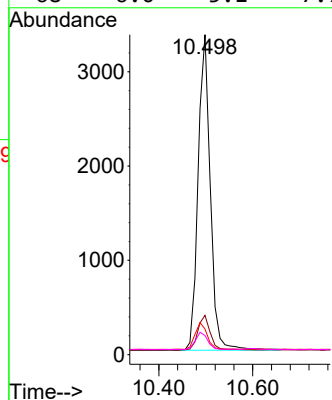
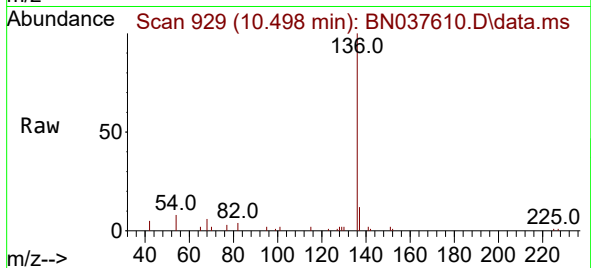




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

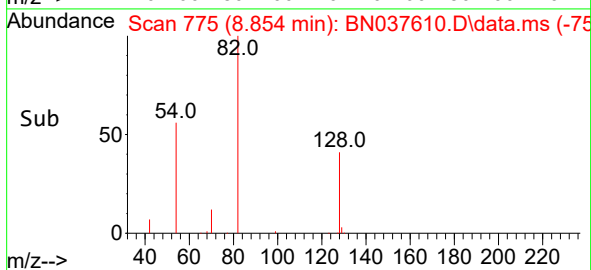
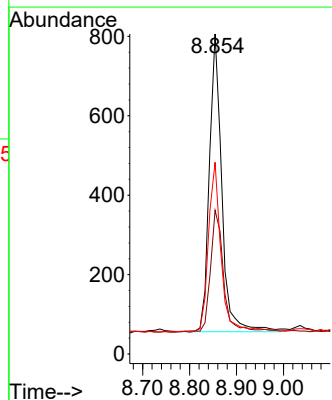
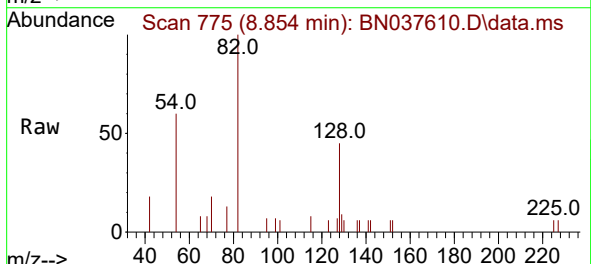
Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-081325

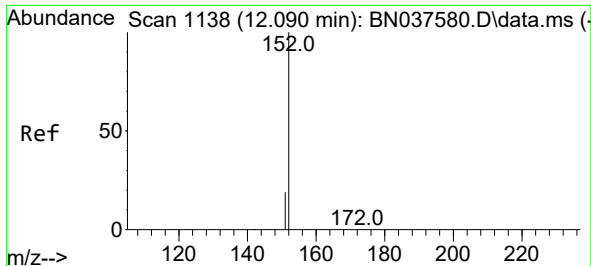
Tgt Ion:	136	Resp:	6050
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	8.0	7.3	10.9
68	6.0	5.1	7.7



#8
Nitrobenzene-d5
Concen: 0.325 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion:	82	Resp:	1383
Ion	Ratio	Lower	Upper
82	100		
128	44.9	32.6	48.8
54	59.9	48.9	73.3

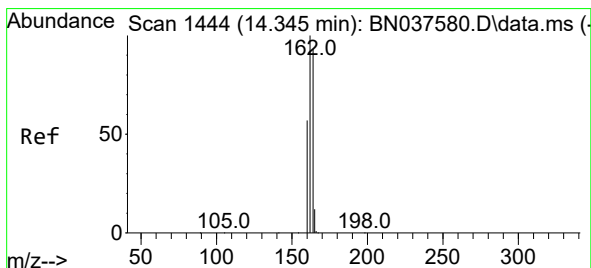
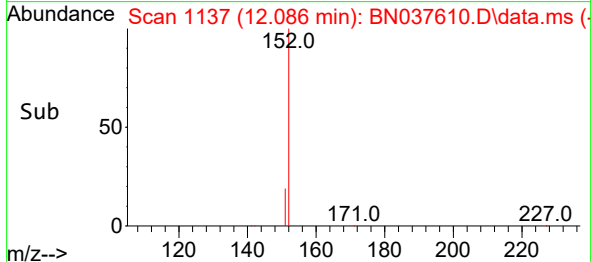
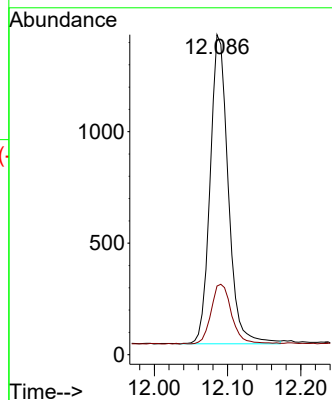
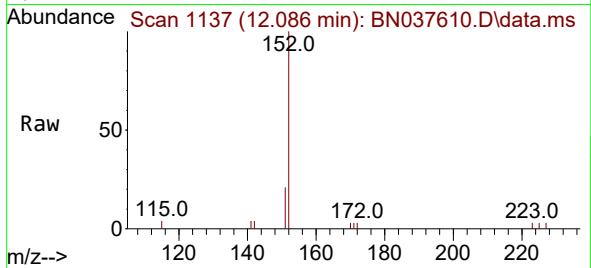




#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.086 min Scan# 1138
Delta R.T. -0.005 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

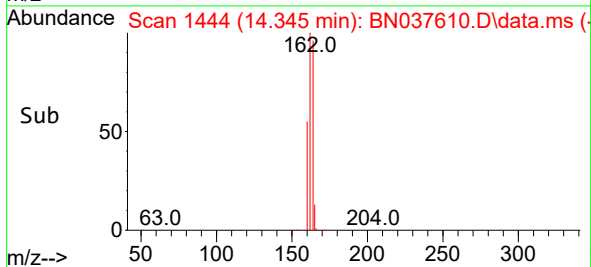
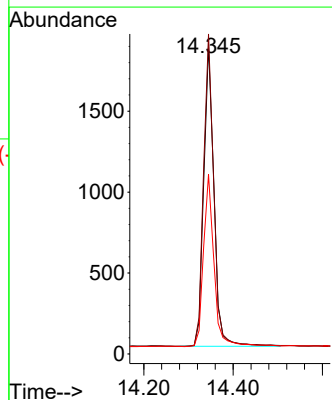
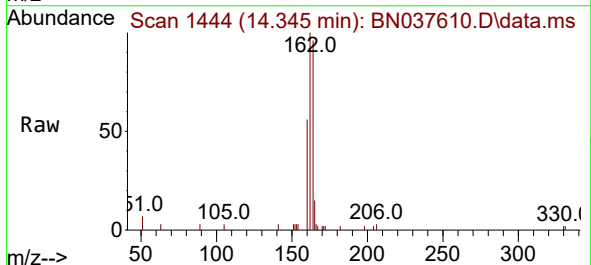
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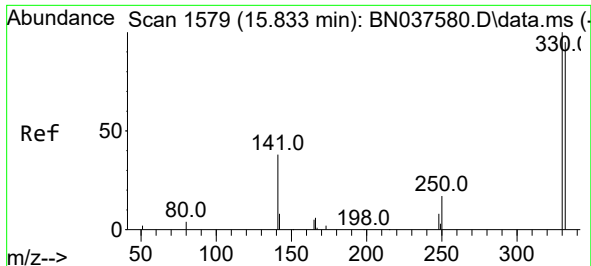
Tgt Ion:152 Resp: 2376
Ion Ratio Lower Upper
152 100
151 21.8 17.3 25.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion:164 Resp: 2961
Ion Ratio Lower Upper
164 100
162 103.7 85.5 128.3
160 58.2 49.5 74.3

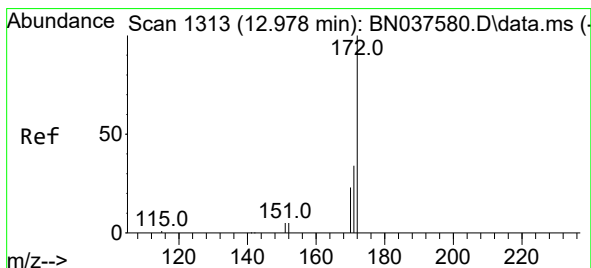
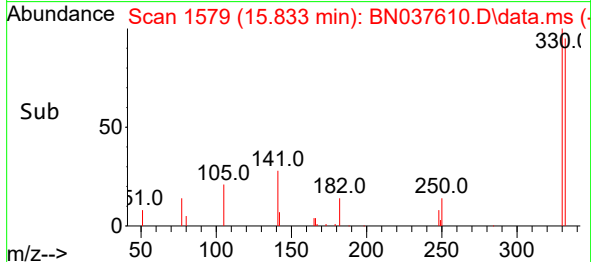
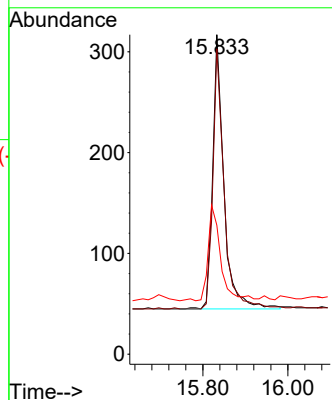
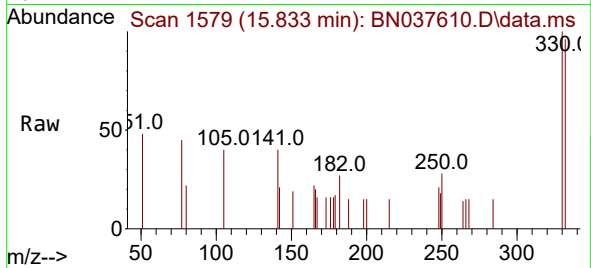




#14
2,4,6-Tribromophenol
Concen: 0.384 ng
RT: 15.833 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

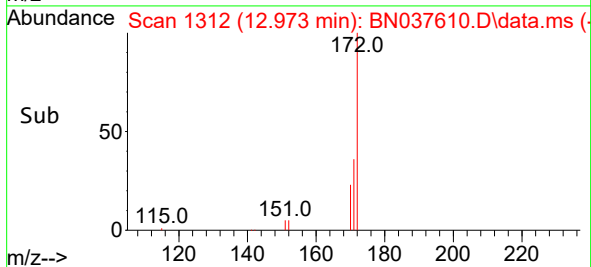
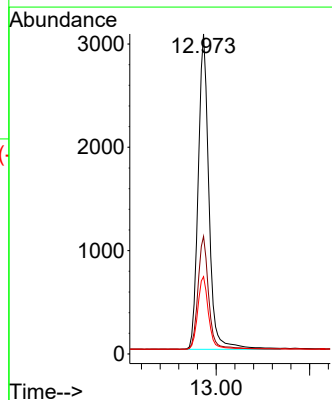
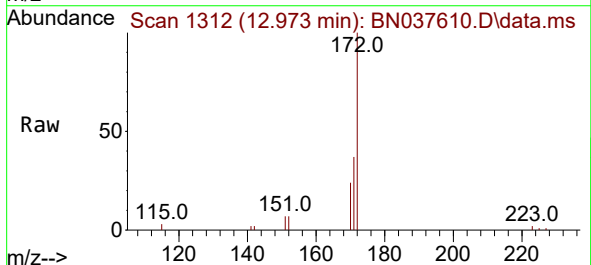
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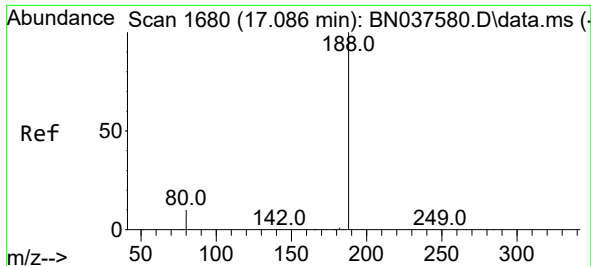
Tgt Ion:330 Resp: 497
Ion Ratio Lower Upper
330 100
332 94.6 77.4 116.0
141 39.6 30.9 46.3



#15
2-Fluorobiphenyl
Concen: 0.405 ng
RT: 12.973 min Scan# 1312
Delta R.T. -0.005 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion:172 Resp: 6938
Ion Ratio Lower Upper
172 100
171 36.7 28.2 42.4
170 24.2 19.2 28.8

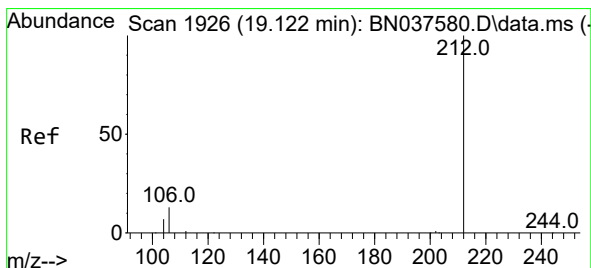
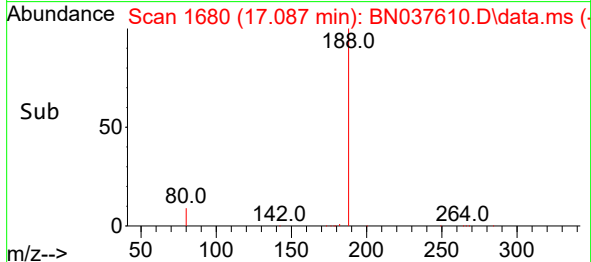
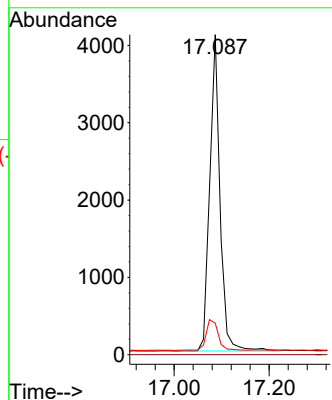
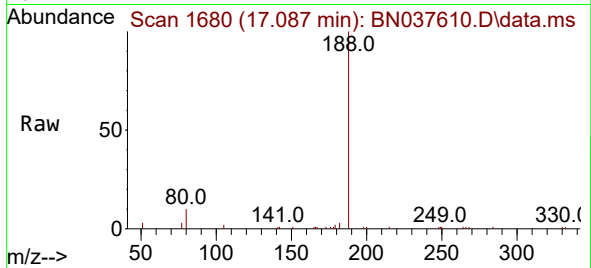




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.087 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

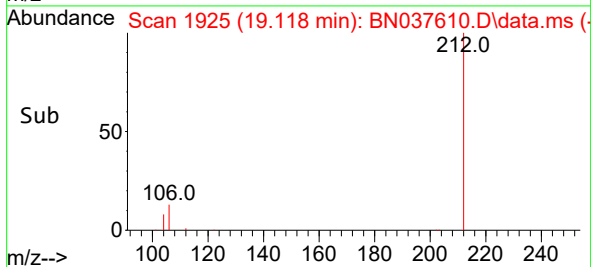
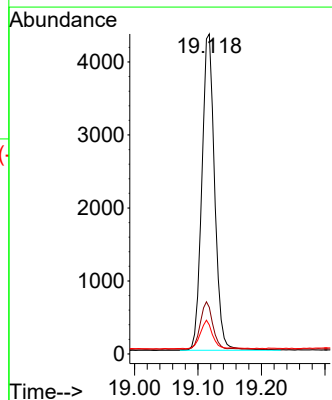
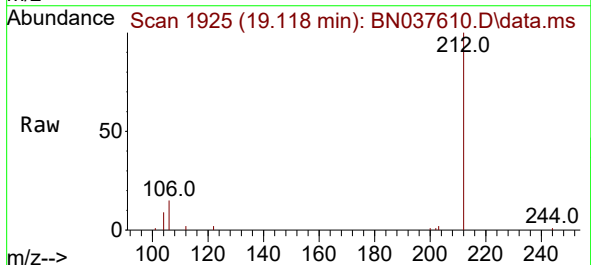
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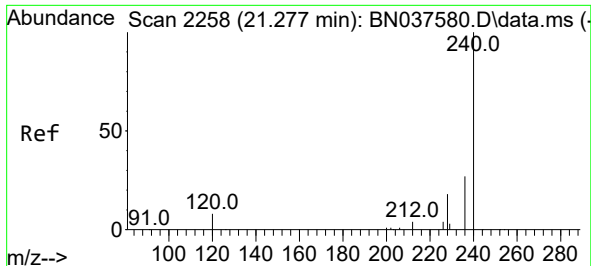
Tgt Ion:188 Resp: 6177
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.8 9.1 13.7



#27
Fluoranthene-d10
Concen: 0.373 ng
RT: 19.118 min Scan# 1925
Delta R.T. -0.004 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion:212 Resp: 6064
Ion Ratio Lower Upper
212 100
106 14.7 11.5 17.3
104 8.5 6.6 9.8

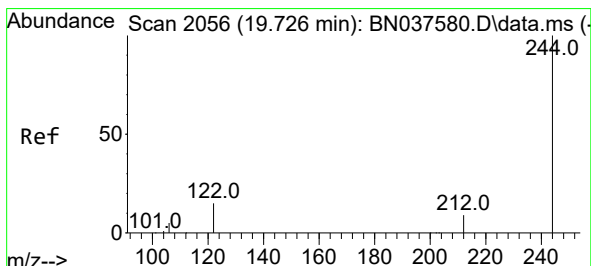
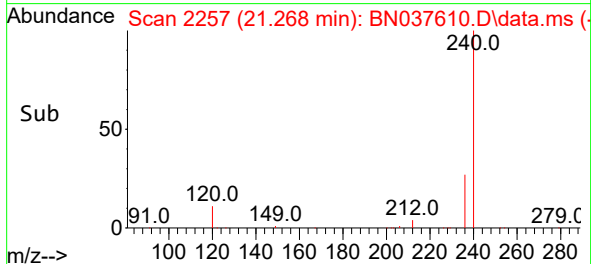
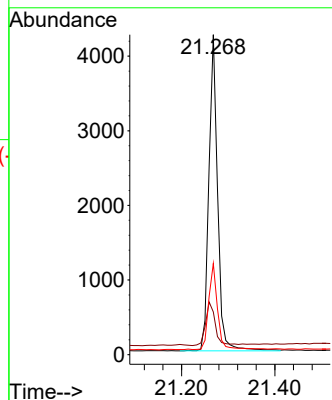
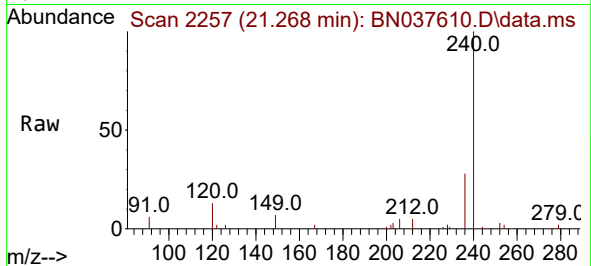




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

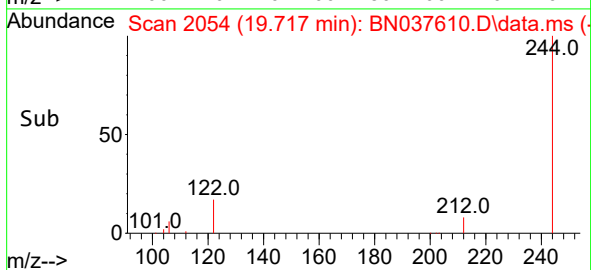
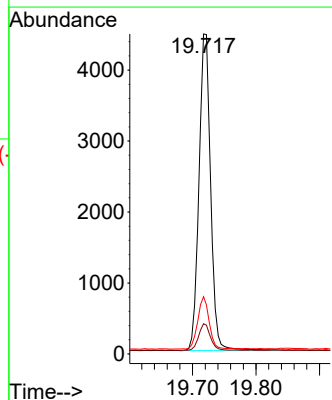
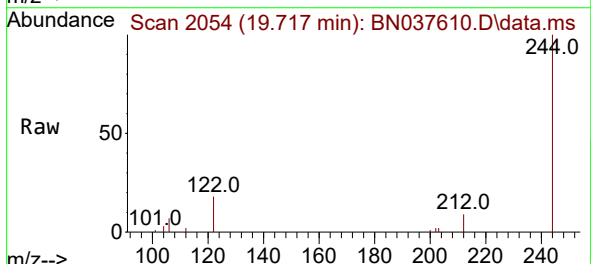
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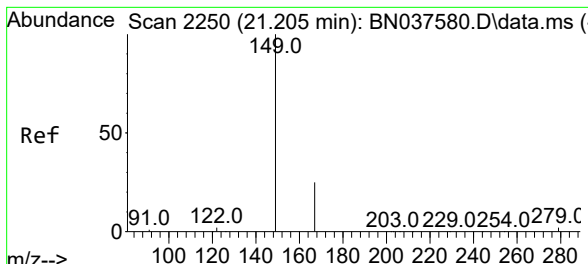
Tgt Ion:240 Resp: 5539
Ion Ratio Lower Upper
240 100
120 13.4 8.9 13.3#
236 28.5 22.6 33.8



#31
Terphenyl-d14
Concen: 0.501 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.009 min
Lab File: BN037610.D
Acq: 19 Aug 2025 16:42

Tgt Ion:244 Resp: 5707
Ion Ratio Lower Upper
244 100
212 9.4 8.2 12.2
122 17.9 13.2 19.8

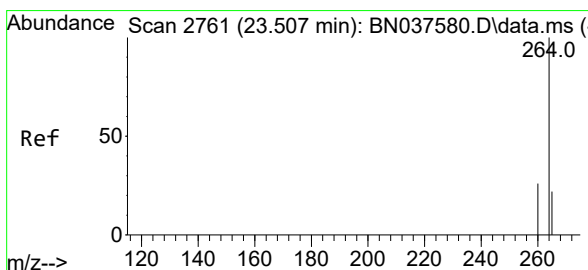
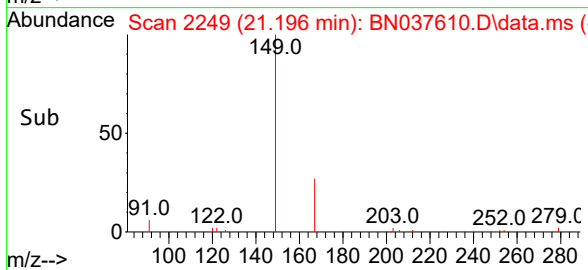
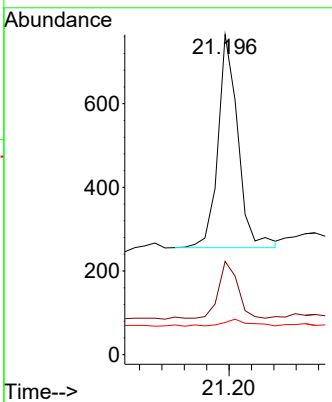
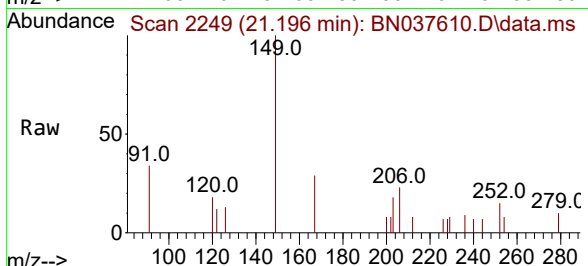




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.082 ng
 RT: 21.196 min Scan# 2119
 Delta R.T. -0.009 min
 Lab File: BN037610.D
 Acq: 19 Aug 2025 16:42

Instrument :
 BNA_N
 ClientSampleId :
 MW-11A-13.5-081325

Tgt Ion:	149	Resp:	628
Ion Ratio	Lower	Upper	
149	100		
167	27.4	20.5	30.7
279	4.5	2.6	4.0



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.499 min Scan# 2758
 Delta R.T. -0.008 min
 Lab File: BN037610.D
 Acq: 19 Aug 2025 16:42

Tgt Ion:	264	Resp:	5233
Ion Ratio	Lower	Upper	
264	100		
260	26.9	21.6	32.4
265	62.2	48.2	72.4

