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 Data File : BN037614.D
 Acq On : 19 Aug 2025 19:07
 Operator : RC/JU
 Sample : Q2878-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-57.5-081325

Quant Time: Aug 20 01:28:56 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

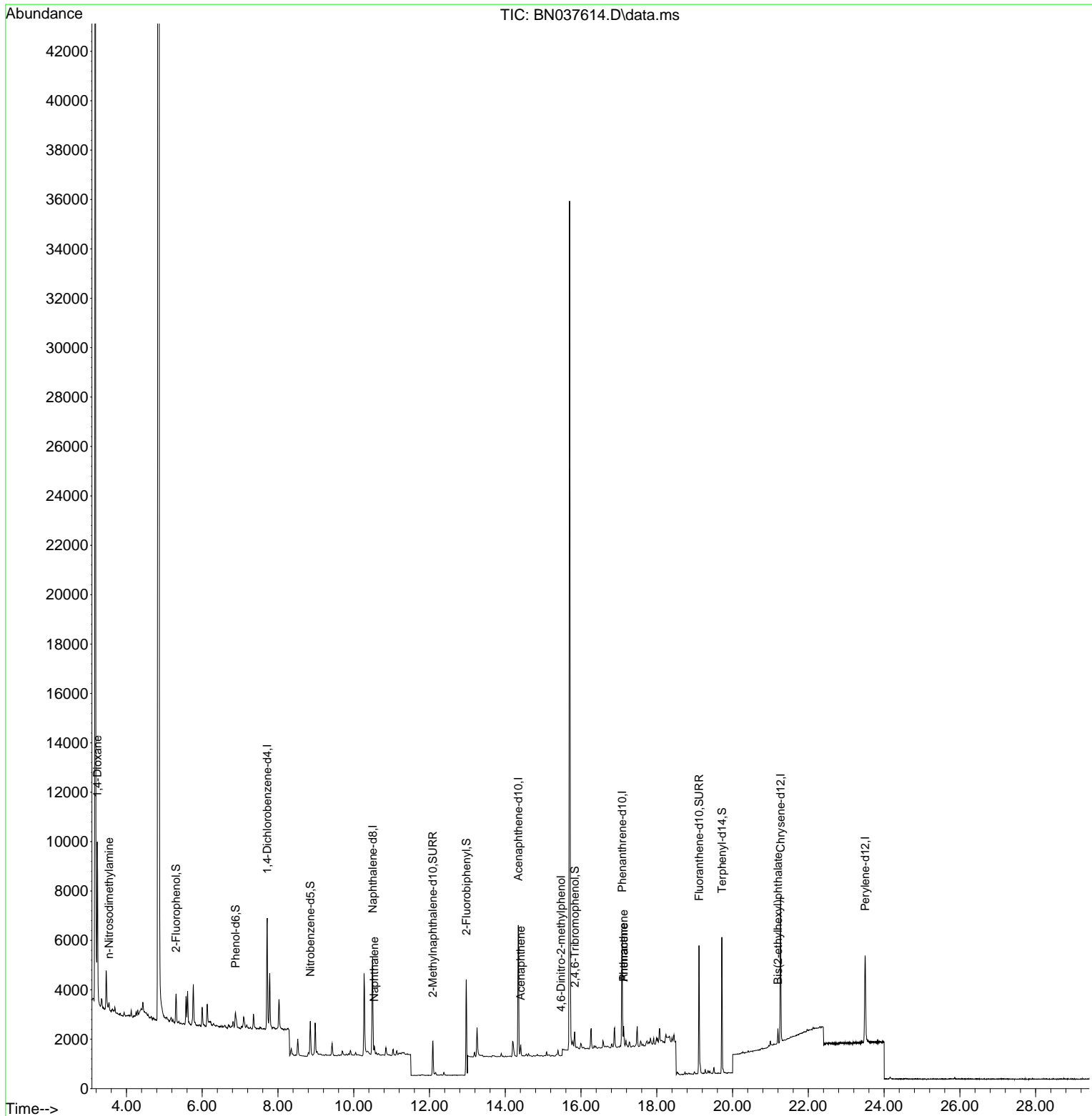
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2177	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5462	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2861	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5958	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	5314	0.400	ng	0.00
35) Perylene-d12	23.499	264	4798	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	471	0.095	ng	0.00
5) Phenol-d6	6.879	99	453	0.076	ng	0.00
8) Nitrobenzene-d5	8.854	82	1115	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	1931	0.260	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	393	0.314	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	5162	0.312	ng	0.00
27) Fluoranthene-d10	19.113	212	5575	0.356	ng	0.00
31) Terphenyl-d14	19.717	244	5126	0.469	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.232	88	3441	1.652	ng	# 87
3) n-Nitrosodimethylamine	3.543	42	76	0.029	ng	# 8
9) Naphthalene	10.541	128	416	0.029	ng	# 64
17) Acenaphthene	14.409	154	212	0.024	ng	97
20) 4,6-Dinitro-2-methylph...	15.467	198	3	0.184	ng	# 1
25) Phenanthrene	17.124	178	824	0.045	ng	99
26) Anthracene	17.124	178	798	0.050	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	557	0.076	ng	# 96

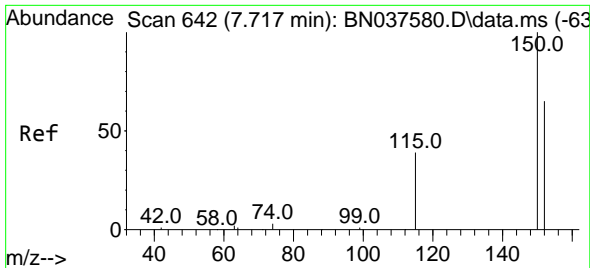
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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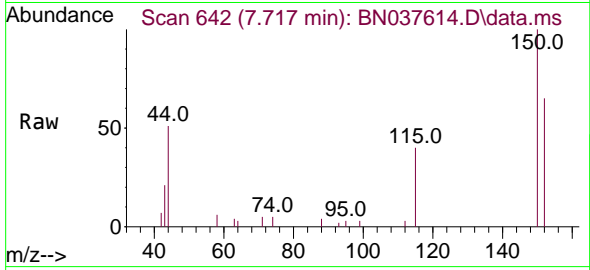
Quant Time: Aug 20 01:28:56 2025
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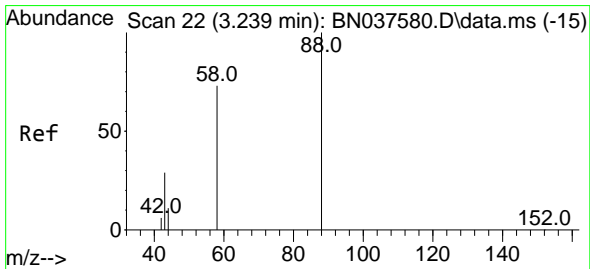
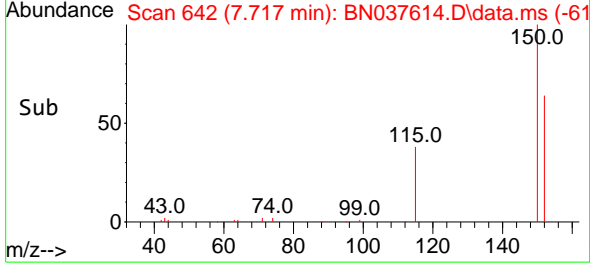
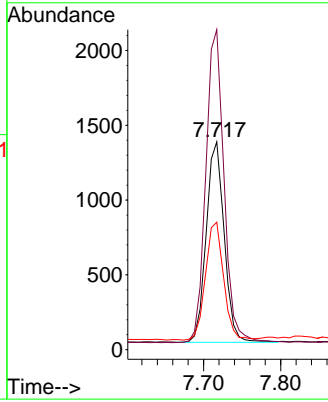


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.717 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

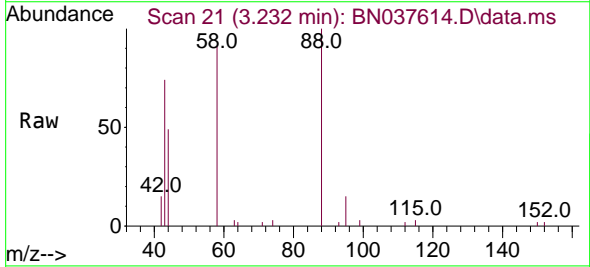
Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-57.5-081325



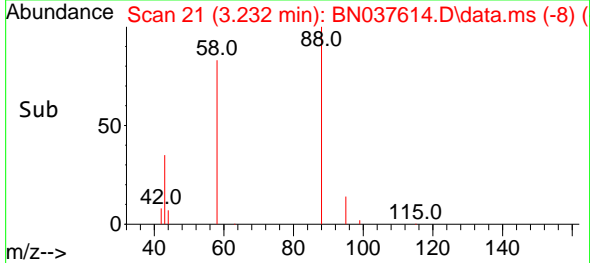
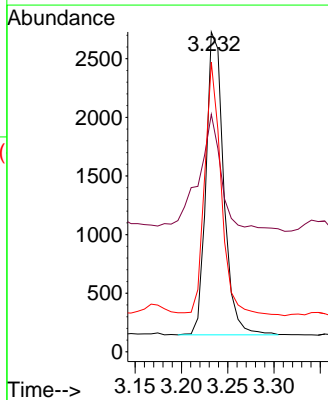
Tgt Ion:152 Resp: 2177
 Ion Ratio Lower Upper
 152 100
 150 154.1 122.2 183.4
 115 61.3 49.8 74.6

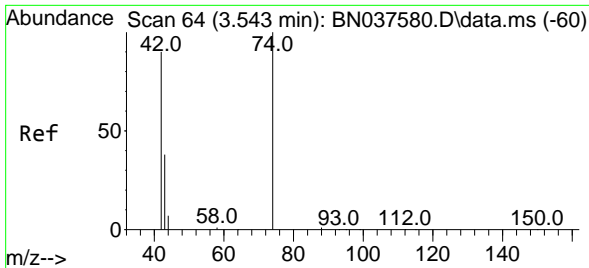


#2
 1,4-Dioxane
 Concen: 1.652 ng
 RT: 3.232 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07



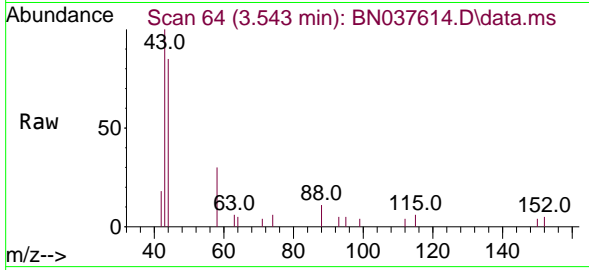
Tgt Ion: 88 Resp: 3441
 Ion Ratio Lower Upper
 88 100
 43 52.5 25.8 38.6#
 58 78.8 61.2 91.8





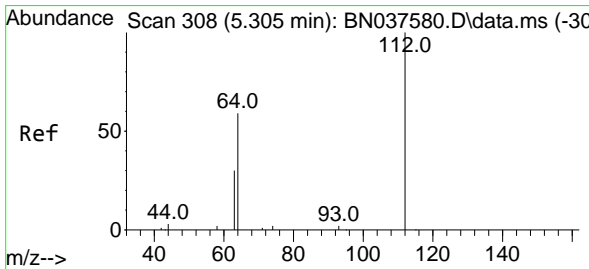
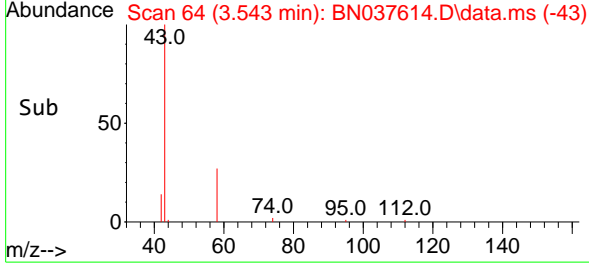
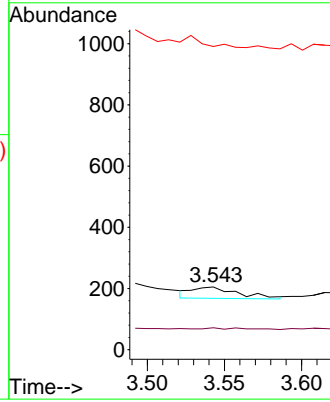
#3
 n-Nitrosodimethylamine
 Concen: 0.029 ng
 RT: 3.543 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-57.5-081325



Tgt Ion: 42 Resp: 76

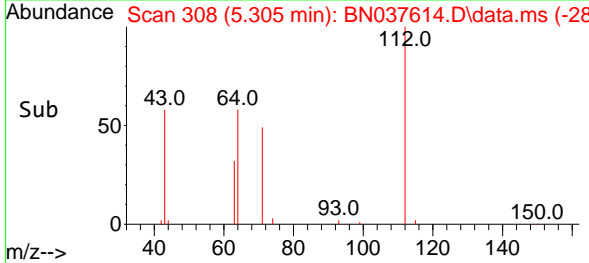
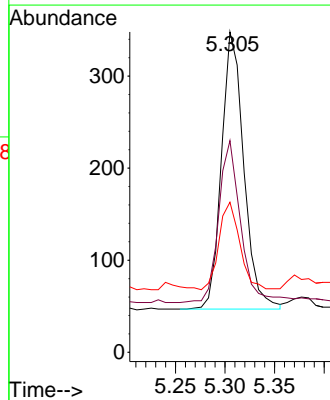
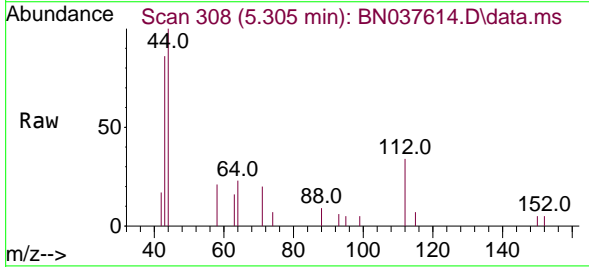
Ion	Ratio	Lower	Upper
42	100		
74	2.6	82.0	123.0#
44	0.0	7.9	11.9#

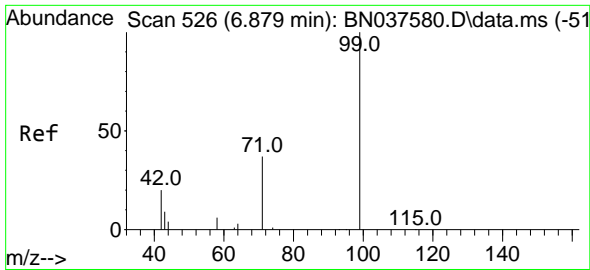


#4
 2-Fluorophenol
 Concen: 0.095 ng
 RT: 5.305 min Scan# 308
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

Tgt Ion: 112 Resp: 471

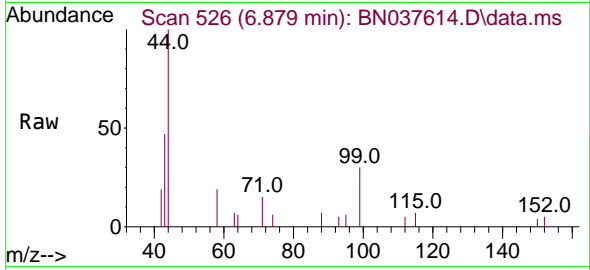
Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.9	67.3
63	31.6	23.4	35.2



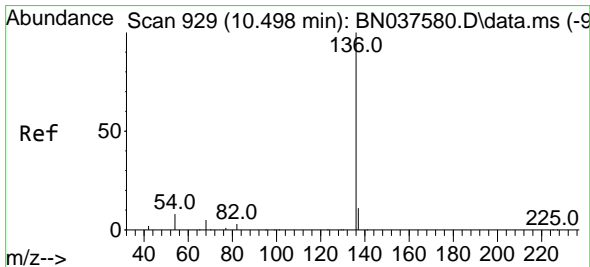
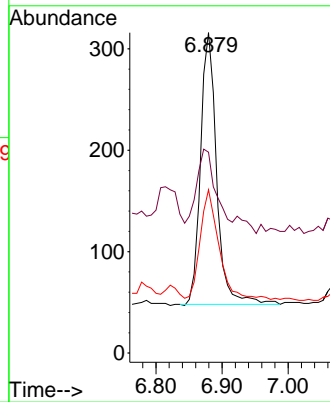
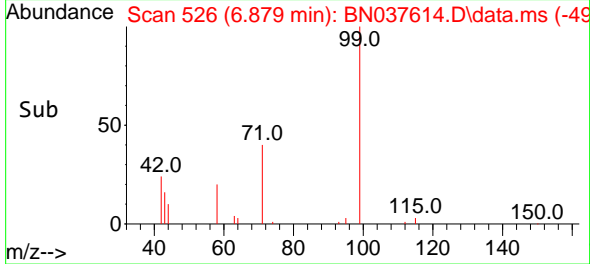


#5
 Phenol-d6
 Concen: 0.076 ng
 RT: 6.879 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

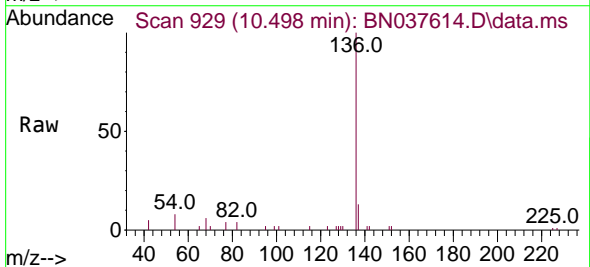
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 ClientSampleId :
 MW-18B-57.5-081325



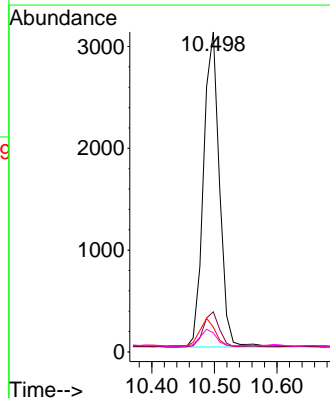
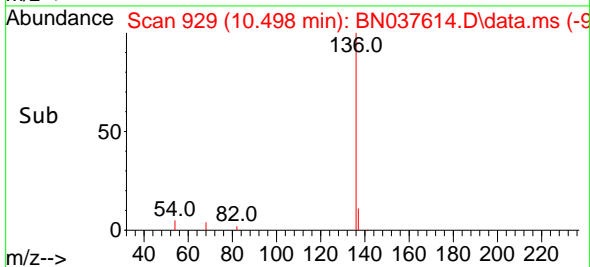
Tgt Ion: 99 Resp: 453
 Ion Ratio Lower Upper
 99 100
 42 29.4 18.5 27.7#
 71 46.8 28.6 42.8#

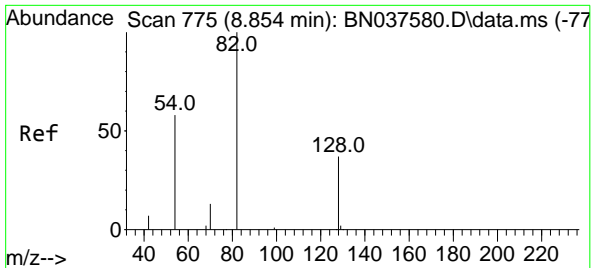


#7
 Naphthalene-d8
 Concen: 0.400 ng
 RT: 10.498 min Scan# 929
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07



Tgt Ion: 136 Resp: 5462
 Ion Ratio Lower Upper
 136 100
 137 12.5 9.5 14.3
 54 7.7 7.3 10.9
 68 5.9 5.1 7.7

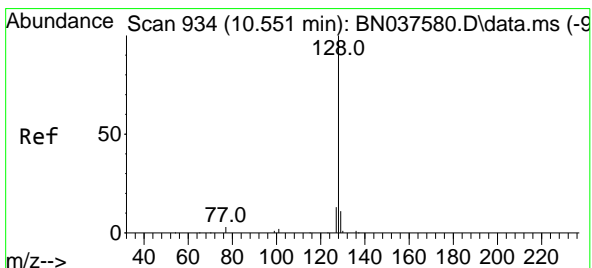
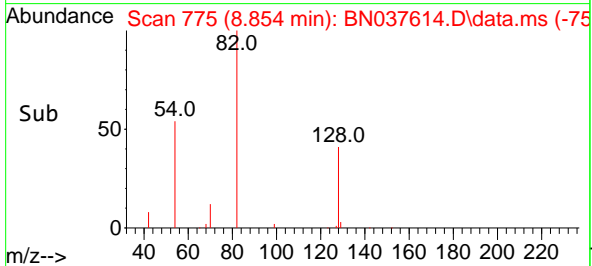
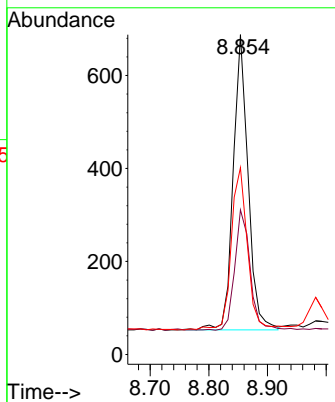
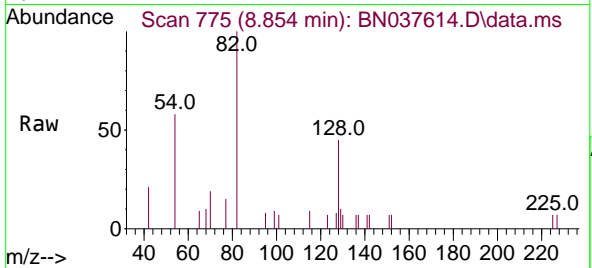




#8
 Nitrobenzene-d5
 Concen: 0.290 ng
 RT: 8.854 min Scan# 775
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

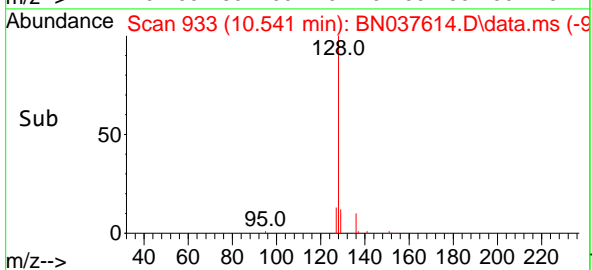
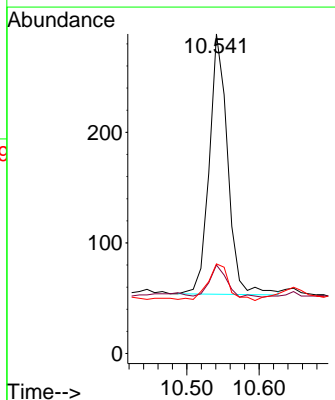
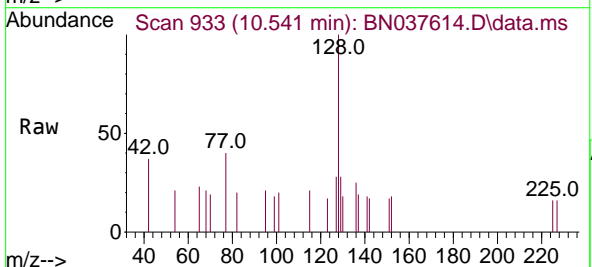
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 MW-18B-57.5-081325

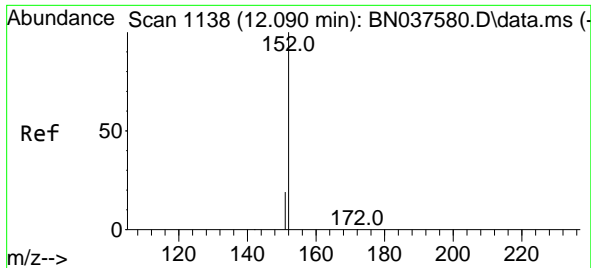
Tgt Ion	Resp	Lower	Upper
82	1115		
128	45.2	32.6	48.8
54	58.4	48.9	73.3



#9
 Naphthalene
 Concen: 0.029 ng
 RT: 10.541 min Scan# 933
 Delta R.T. -0.010 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

Tgt Ion	Resp	Lower	Upper
128	416		
129	27.7	9.8	14.6#
127	28.0	11.5	17.3#

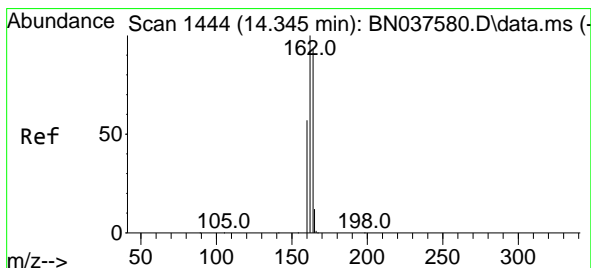
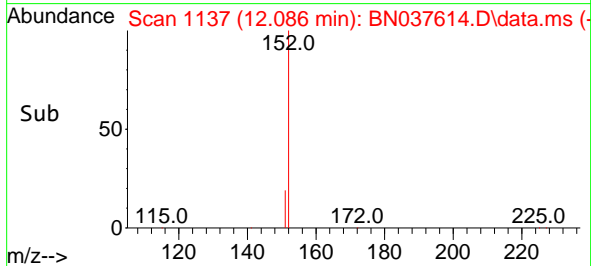
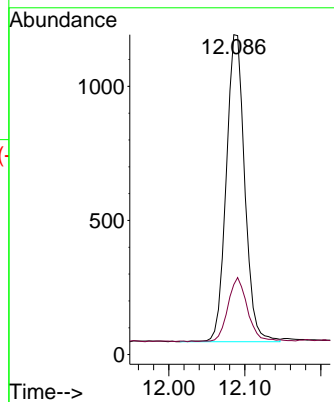
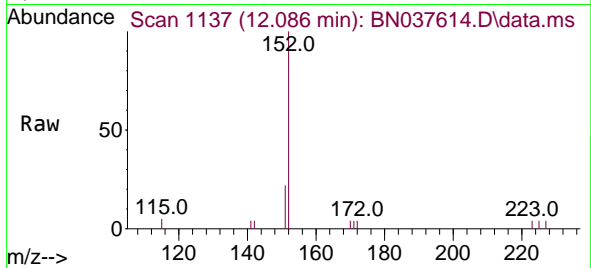




#11
 2-Methylnaphthalene-d10
 Concen: 0.260 ng
 RT: 12.086 min Scan# 1137
 Delta R.T. -0.005 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

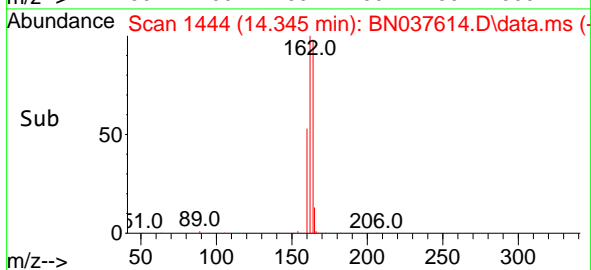
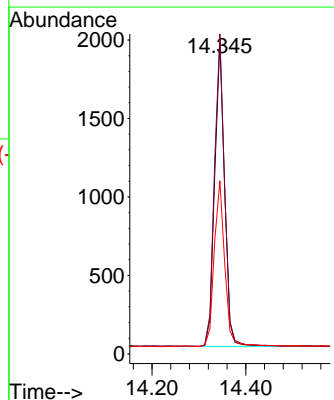
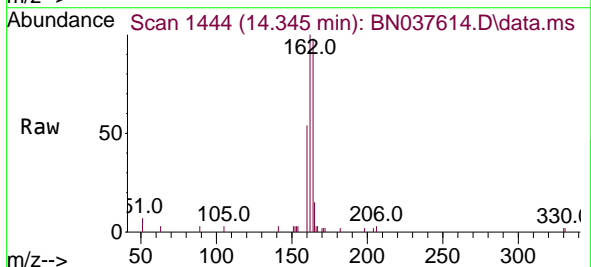
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 ClientSampleId : MW-18B-57.5-081325

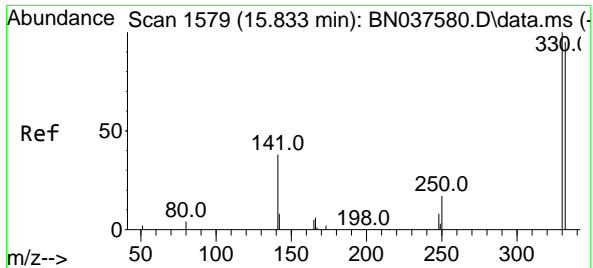
Tgt Ion:152 Resp: 1931
 Ion Ratio Lower Upper
 152 100
 151 22.6 17.3 25.9



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.345 min Scan# 1444
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

Tgt Ion:164 Resp: 2861
 Ion Ratio Lower Upper
 164 100
 162 102.1 85.5 128.3
 160 55.2 49.5 74.3

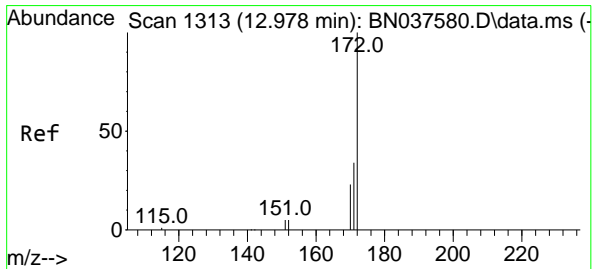
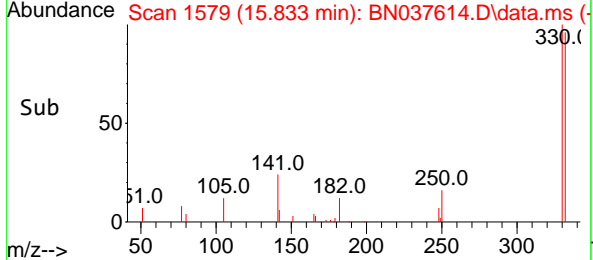
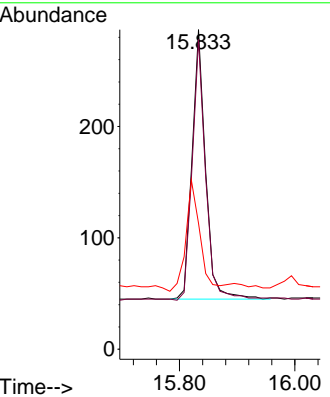
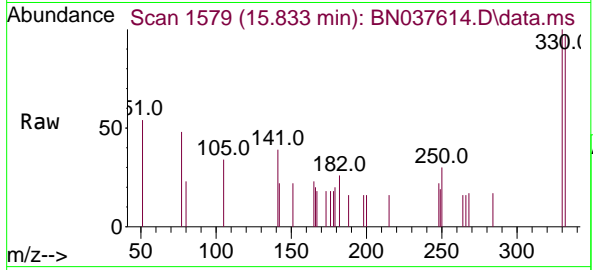




#14
 2,4,6-Tribromophenol
 Concen: 0.314 ng
 RT: 15.833 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

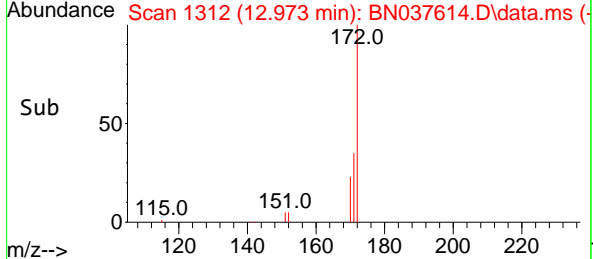
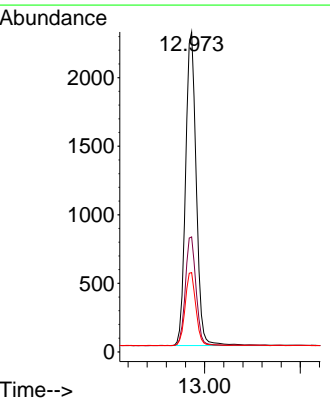
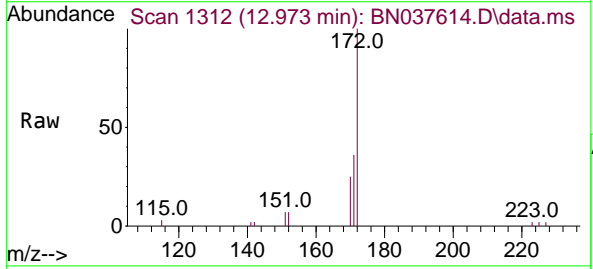
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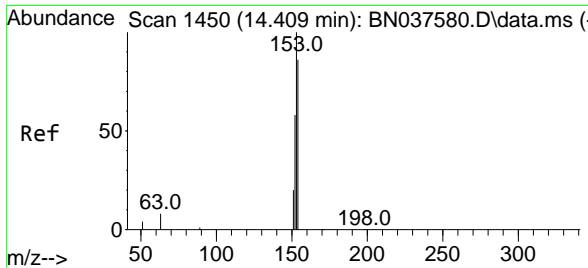
Tgt Ion	Resp	Lower	Upper
330	100		
332	94.7	77.4	116.0
141	42.7	30.9	46.3



#15
 2-Fluorobiphenyl
 Concen: 0.312 ng
 RT: 12.973 min Scan# 1312
 Delta R.T. -0.005 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	24.8	19.2	28.8



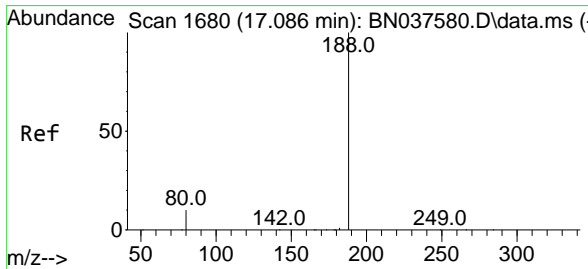
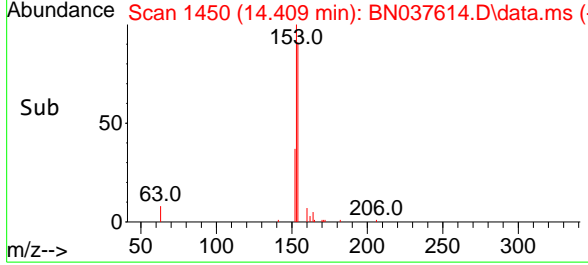
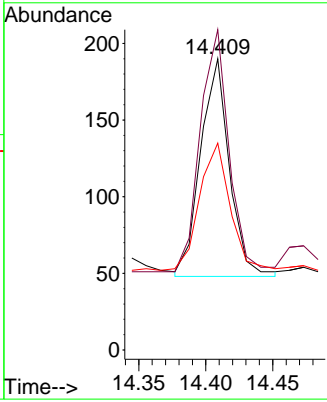
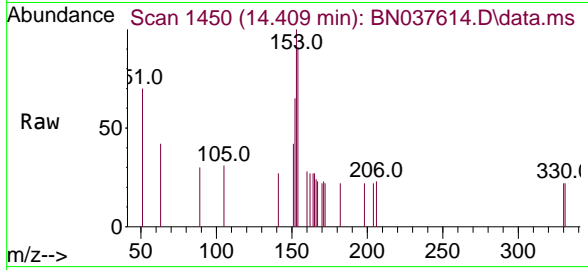


#17
 Acenaphthene
 Concen: 0.024 ng
 RT: 14.409 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-57.5-081325

Tgt Ion:154 Resp: 212

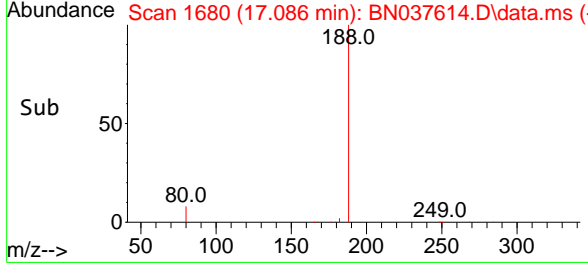
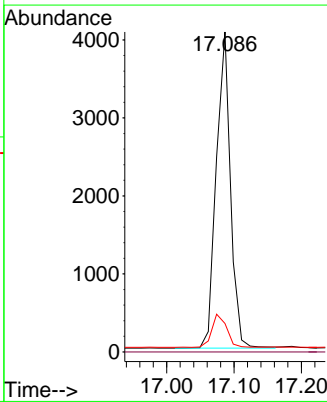
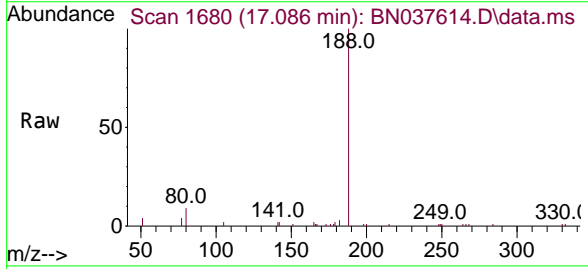
Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.6	135.8
152	61.8	54.9	82.3

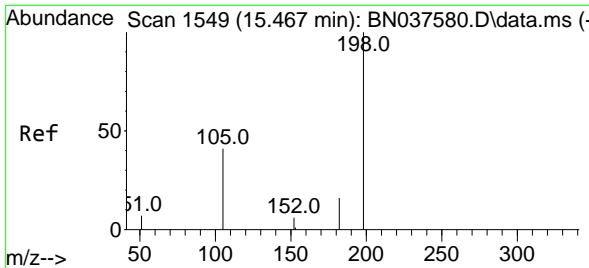


#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.086 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

Tgt Ion:188 Resp: 5958

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	9.1	13.7#

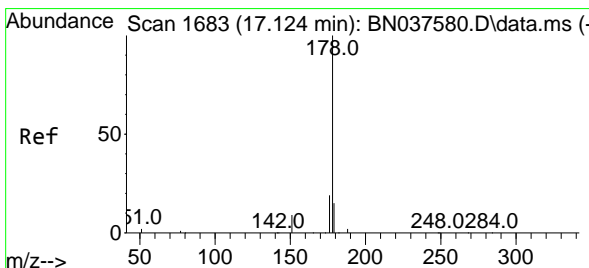
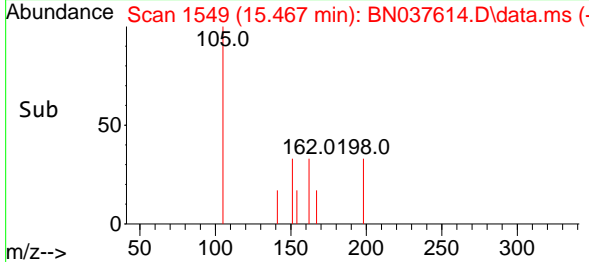
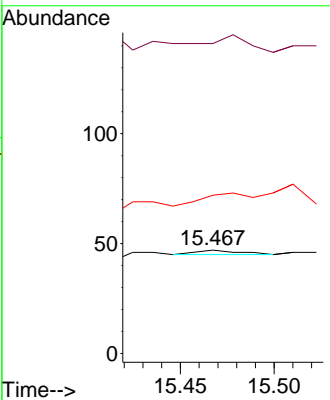
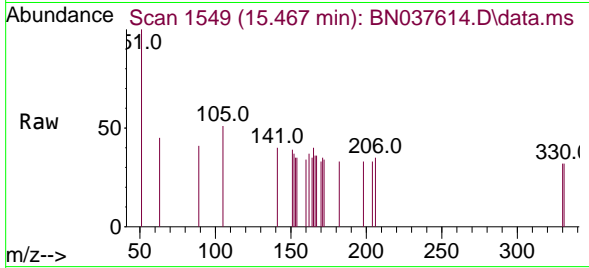




#20
 4,6-Dinitro-2-methylphenol
 Concen: 0.184 ng
 RT: 15.467 min Scan# 1549
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

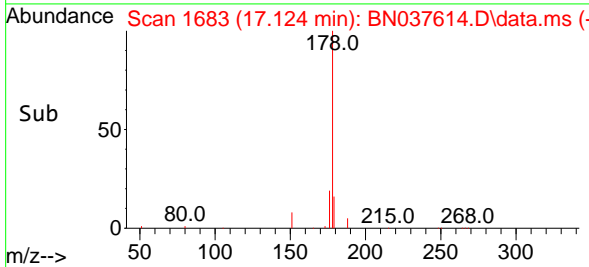
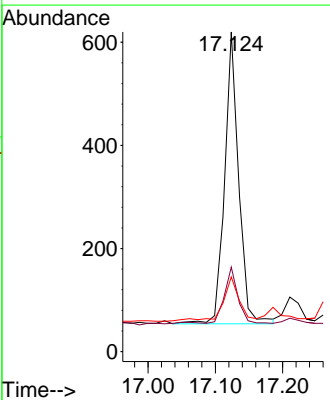
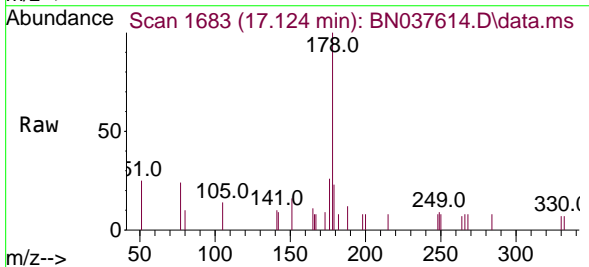
Instrument : BNA_N
 ClientSampleId : MW-18B-57.5-081325

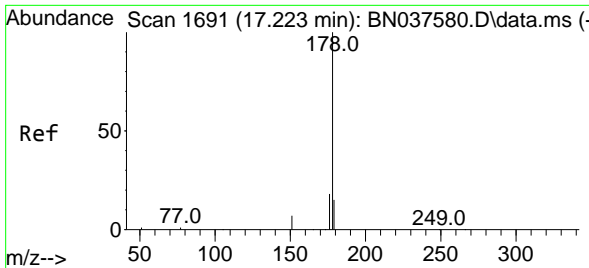
Tgt Ion	Resp	Lower	Upper
198	100		
51	300.0	81.0	121.6#
105	153.2	52.5	78.7#



#25
 Phenanthrene
 Concen: 0.045 ng
 RT: 17.124 min Scan# 1683
 Delta R.T. 0.000 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

Tgt Ion	Resp	Lower	Upper
178	100		
176	19.2	15.0	22.6
179	15.2	12.3	18.5



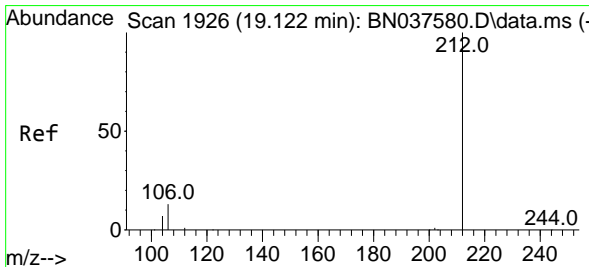
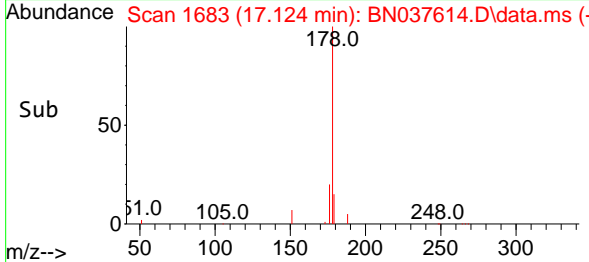
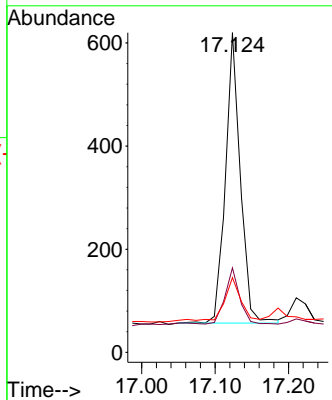
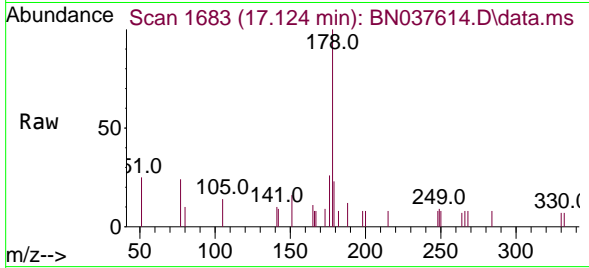


#26
 Anthracene
 Concen: 0.050 ng
 RT: 17.124 min Scan# 1683
 Delta R.T. -0.099 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-57.5-081325

Tgt Ion:178 Resp: 798

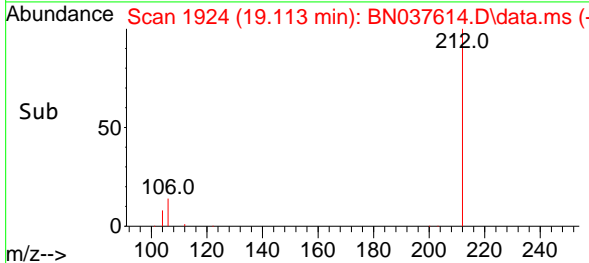
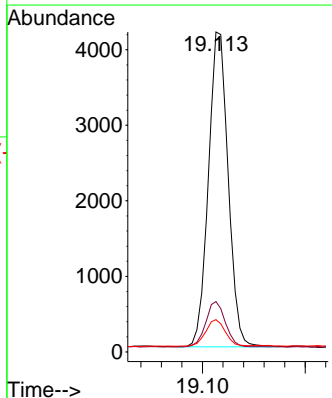
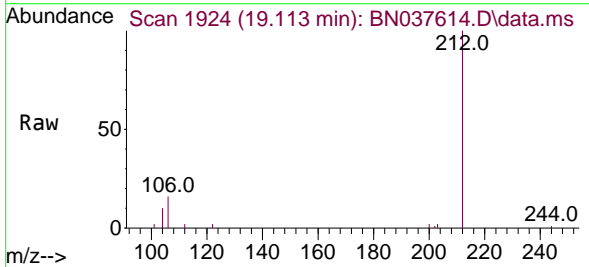
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.0	12.3	18.5

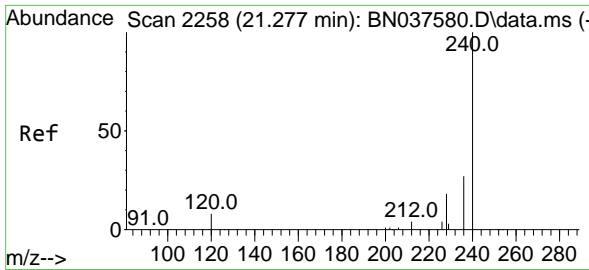


#27
 Fluoranthene-d10
 Concen: 0.356 ng
 RT: 19.113 min Scan# 1924
 Delta R.T. -0.009 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

Tgt Ion:212 Resp: 5575

Ion	Ratio	Lower	Upper
212	100		
106	14.7	11.5	17.3
104	8.4	6.6	9.8

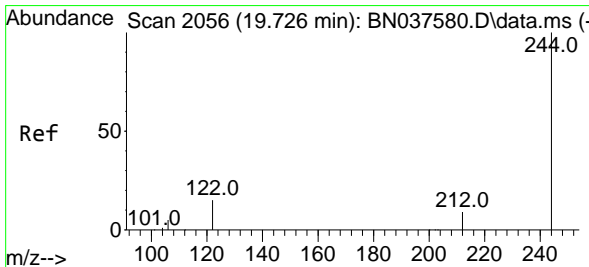
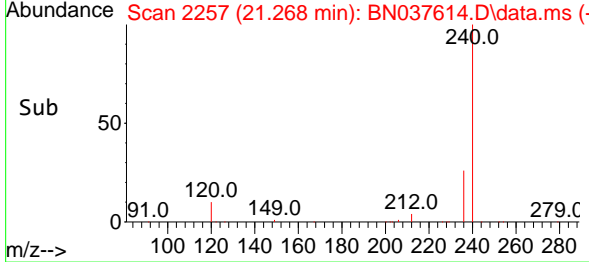
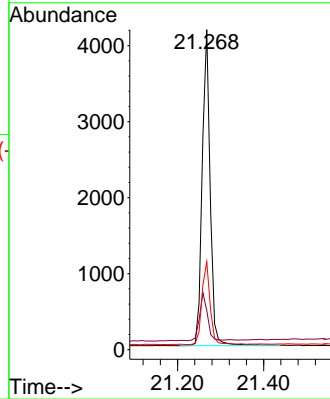
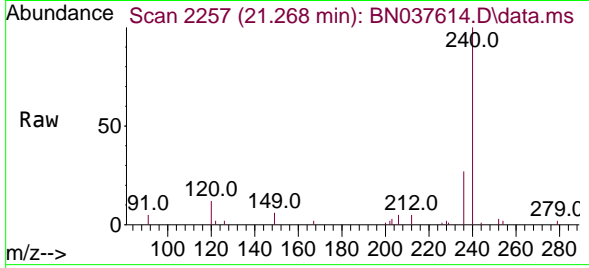




#29
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.268 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

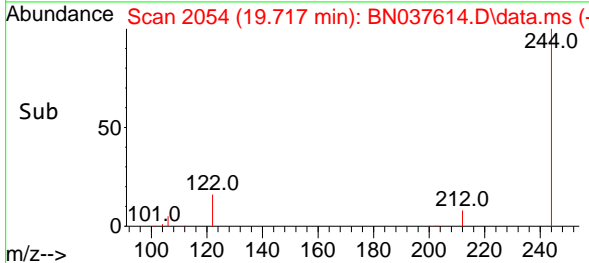
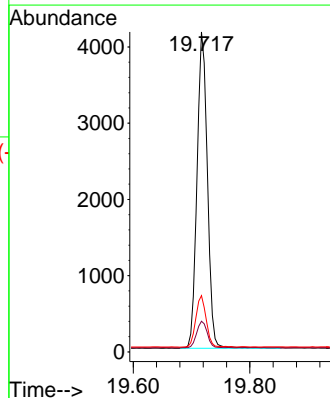
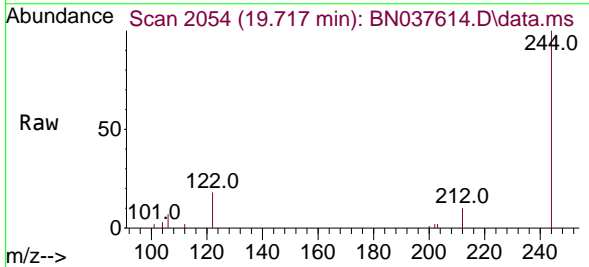
Instrument :
 BNA_N
 ClientSampleId :
 MW-18B-57.5-081325

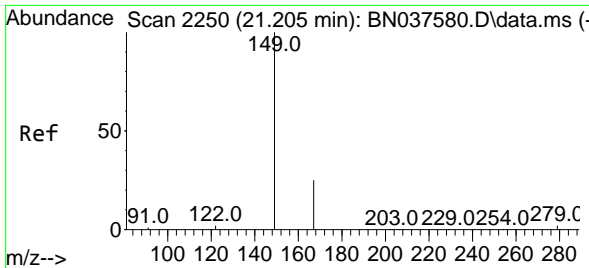
Tgt Ion	Resp	Ion Ratio	Lower	Upper
240	5314	100		
120		12.3	8.9	13.3
236		27.5	22.6	33.8



#31
 Terphenyl-d14
 Concen: 0.469 ng
 RT: 19.717 min Scan# 2054
 Delta R.T. -0.009 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

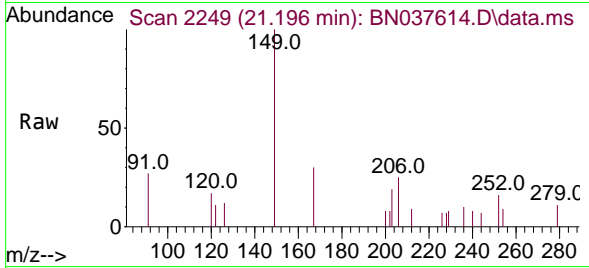
Tgt Ion	Resp	Ion Ratio	Lower	Upper
244	5126	100		
212		9.6	8.2	12.2
122		17.6	13.2	19.8





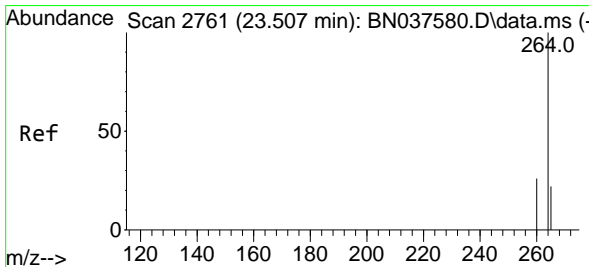
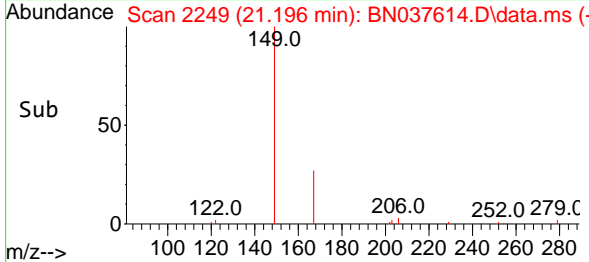
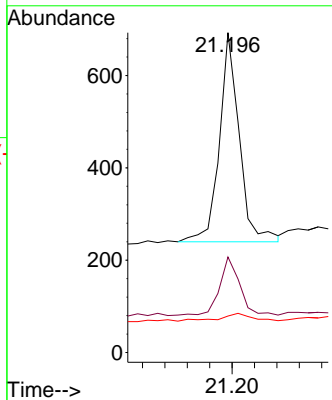
#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.076 ng
 RT: 21.196 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN037614.D
 Acq: 19 Aug 2025 19:07

Instrument : BNA_N
 ClientSampleId : MW-18B-57.5-081325



Tgt Ion: 149 Resp: 557

Ion	Ratio	Lower	Upper
149	100		
167	27.6	20.5	30.7
279	5.9	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: BN037614.D
 Acq: 19 Aug 2025 19:07

Tgt Ion: 264 Resp: 4798

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.6	32.4
265	65.5	48.2	72.4

