

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062725\
 Data File : BN037419.D
 Acq On : 27 Jun 2025 11:21
 Operator : RC/JU
 Sample : Q2345-13DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250617DL

Quant Time: Jun 27 12:17:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 26 16:06:33 2025
 Response via : Initial Calibration

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

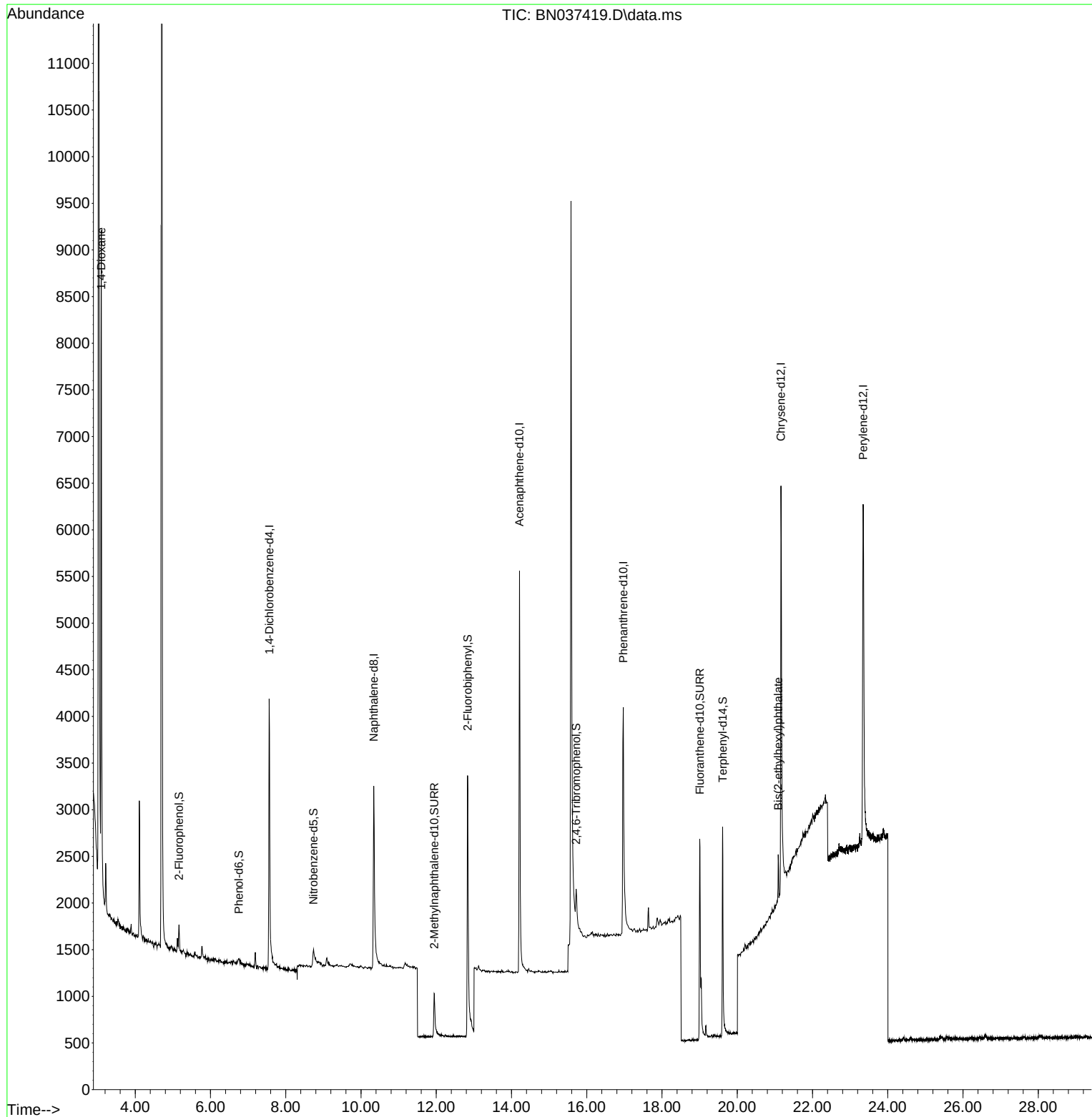
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	1828	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	3778	0.400	ng	# 0.00
13) Acenaphthene-d10	14.213	164	2817	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	5807	0.400	ng	0.01
29) Chrysene-d12	21.162	240	6103	0.400	ng	# 0.00
35) Perylene-d12	23.345	264	6394	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	246	0.070	ng	0.00
5) Phenol-d6	6.752	99	94	0.026	ng	0.00
8) Nitrobenzene-d5	8.739	82	418	0.138	ng	0.02
11) 2-Methylnaphthalene-d10	11.945	152	1042	0.178	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	346	0.209	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	3557	0.292	ng	0.00
27) Fluoranthene-d10	19.003	212	3714	0.223	ng	0.00
31) Terphenyl-d14	19.611	244	3058	0.235	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.097	88	4810	2.775	ng	96
34) Bis(2-ethylhexyl)phtha...	21.090	149	445	0.059	ng	# 93

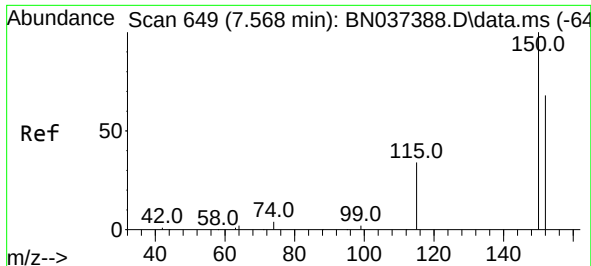
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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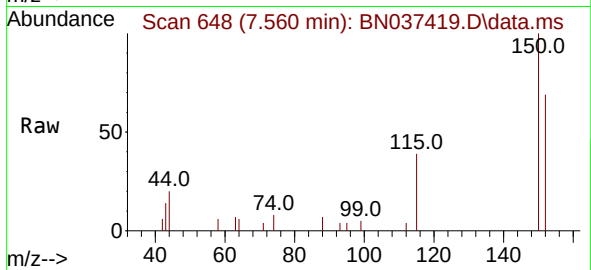
Quant Time: Jun 27 12:17:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration



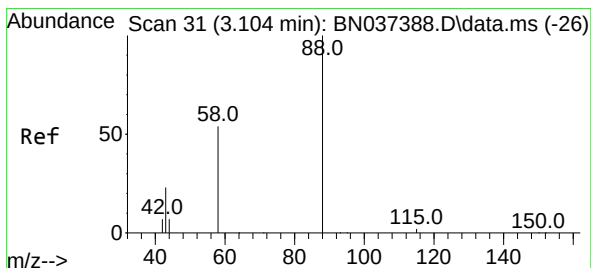
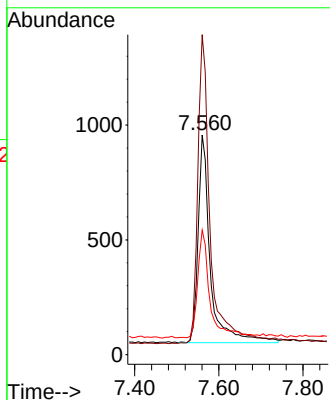
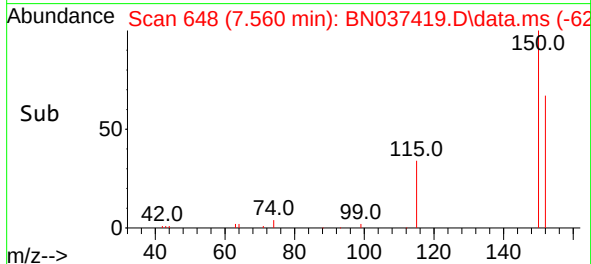


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.560 min Scan# 64
 Delta R.T. -0.008 min
 Lab File: BN037419.D
 Acq: 27 Jun 2025 11:21

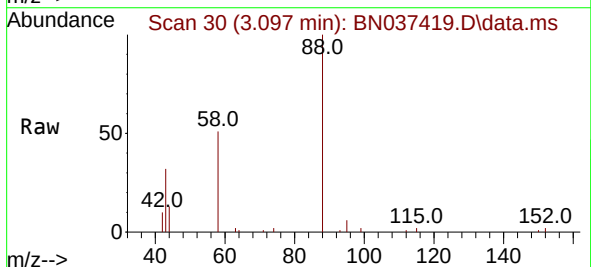
Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250617DL



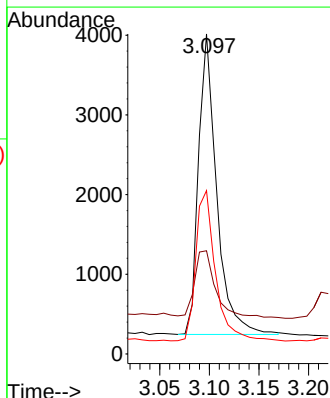
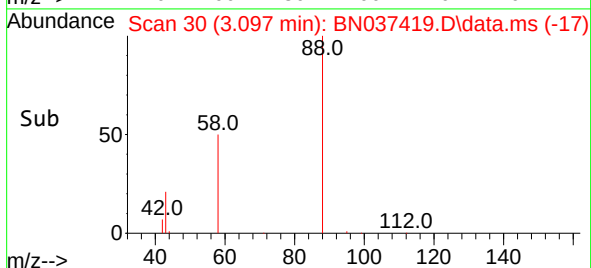
Tgt Ion:152 Resp: 1828
 Ion Ratio Lower Upper
 152 100
 150 145.7 116.2 174.2
 115 56.7 42.9 64.3

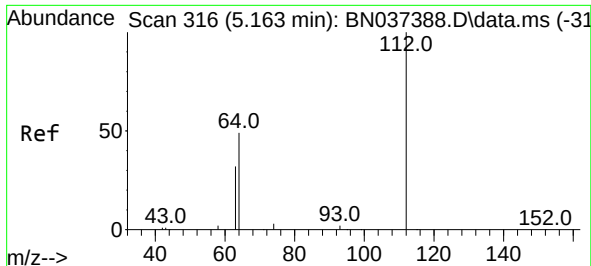


#2
 1,4-Dioxane
 Concen: 2.775 ng
 RT: 3.097 min Scan# 30
 Delta R.T. -0.007 min
 Lab File: BN037419.D
 Acq: 27 Jun 2025 11:21



Tgt Ion: 88 Resp: 4810
 Ion Ratio Lower Upper
 88 100
 43 25.5 21.6 32.4
 58 53.7 45.9 68.9

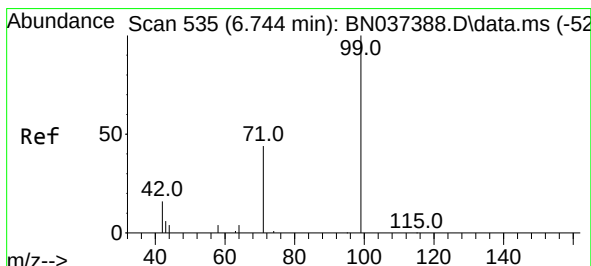
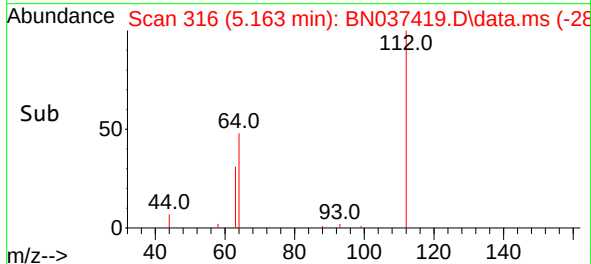
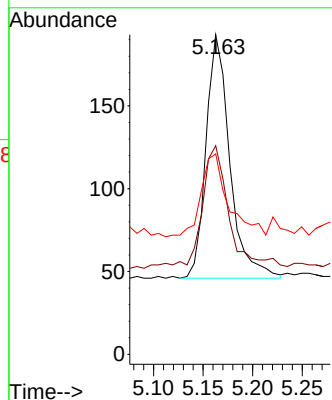
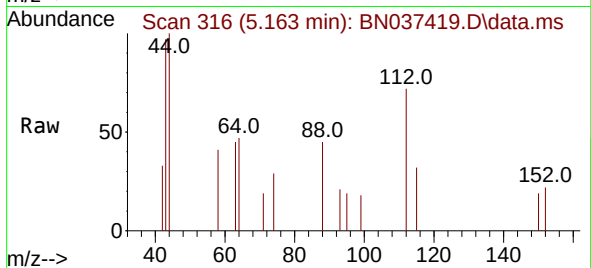




#4
2-Fluorophenol
Concen: 0.070 ng
RT: 5.163 min Scan# 316
Delta R.T. -0.000 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

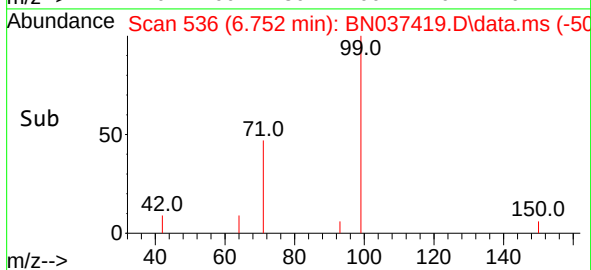
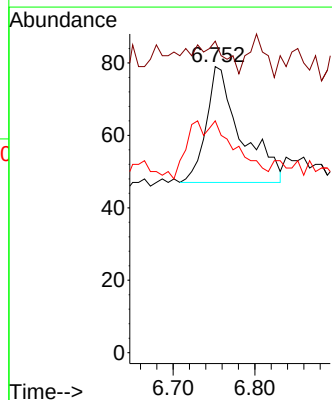
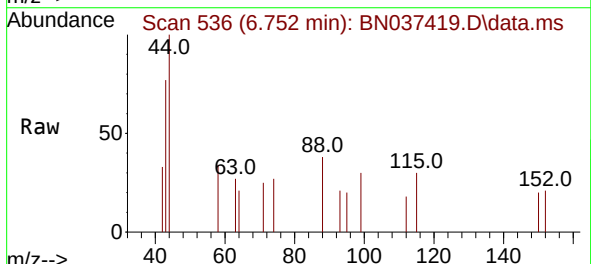
Instrument :
BNA_N
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TT189D2-20250617DL

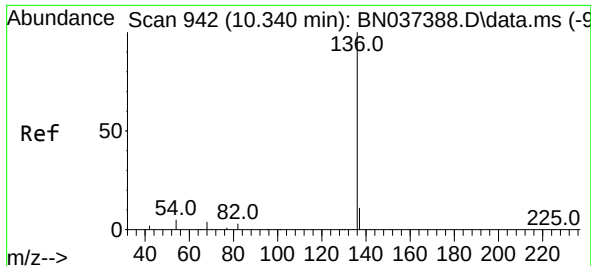
Tgt Ion:112 Resp: 246
Ion Ratio Lower Upper
112 100
64 57.7 40.3 60.5
63 39.0 26.1 39.1



#5
Phenol-d6
Concen: 0.026 ng
RT: 6.752 min Scan# 536
Delta R.T. 0.007 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

Tgt Ion: 99 Resp: 94
Ion Ratio Lower Upper
99 100
42 0.0 15.6 23.4#
71 0.0 35.8 53.8#

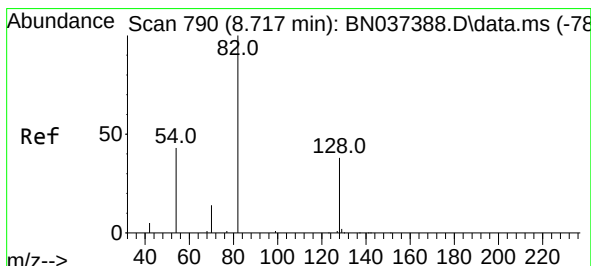
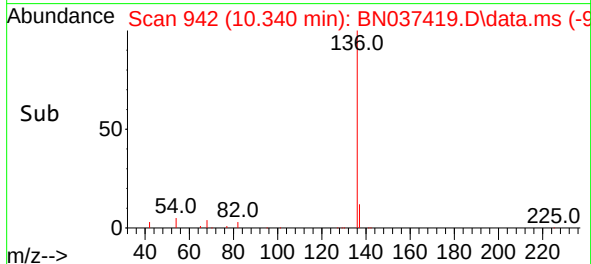
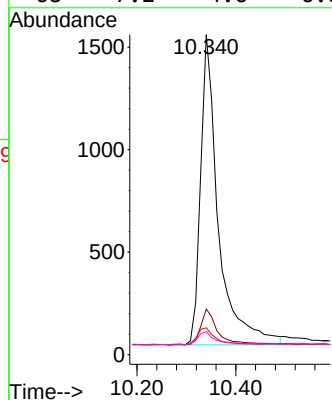
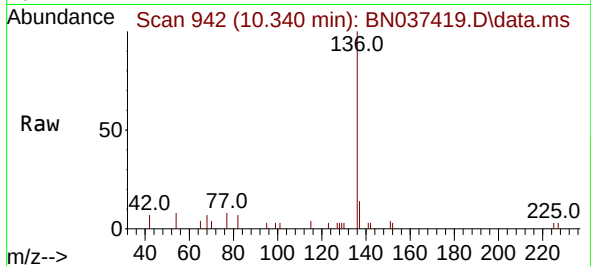




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.340 min Scan# 942
Delta R.T. -0.000 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

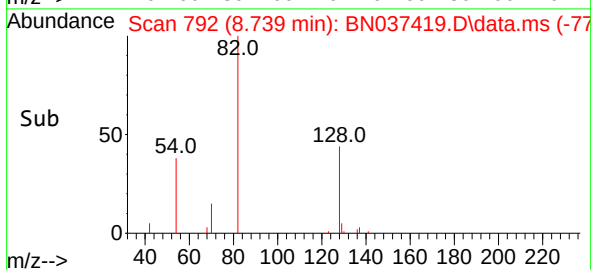
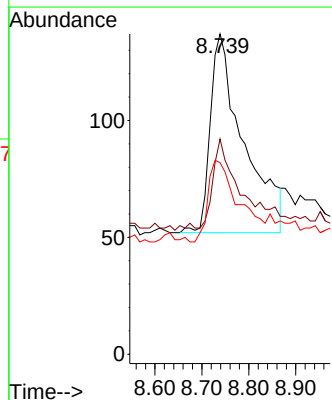
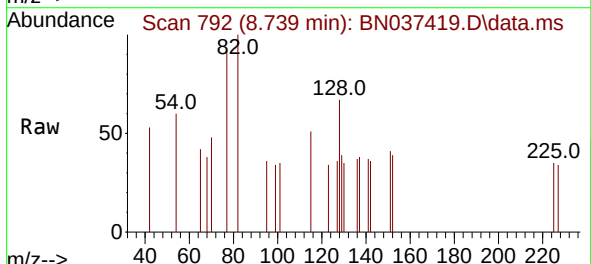
Instrument :
BNA_N
ClientSampleId :
TT189D2-20250617DL

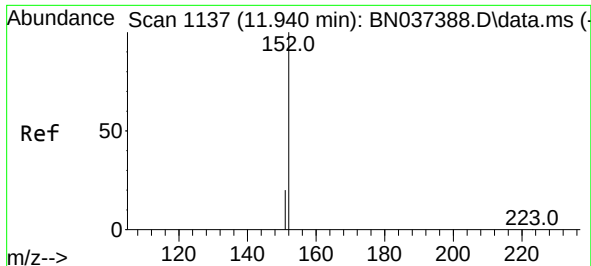
Tgt Ion:136	Resp:	3778
Ion	Ratio	Lower Upper
136	100	
137	14.2	10.4 15.6
54	8.4	5.6 8.4
68	7.2	4.6 6.8



#8
Nitrobenzene-d5
Concen: 0.138 ng
RT: 8.739 min Scan# 792
Delta R.T. 0.021 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

Tgt Ion: 82	Resp:	418
Ion	Ratio	Lower Upper
82	100	
128	67.2	34.0 51.0
54	59.9	37.7 56.5

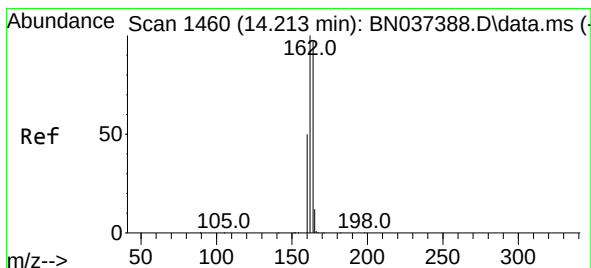
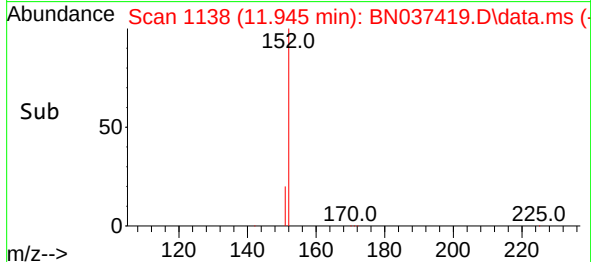
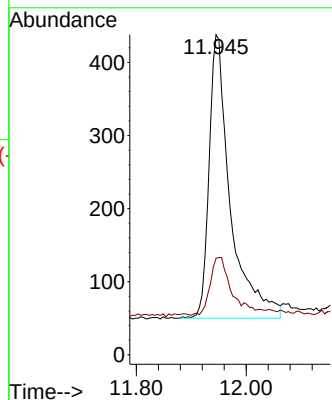
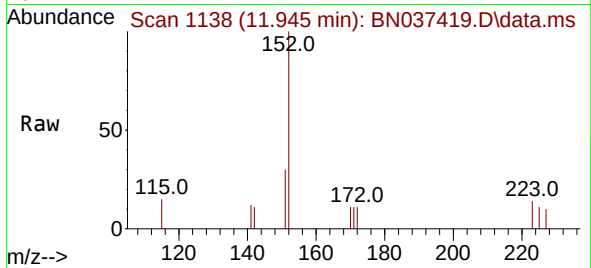




#11
2-Methylnaphthalene-d10
Concen: 0.178 ng
RT: 11.945 min Scan# 1137
Delta R.T. 0.005 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

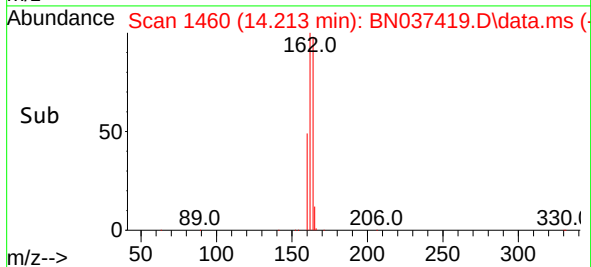
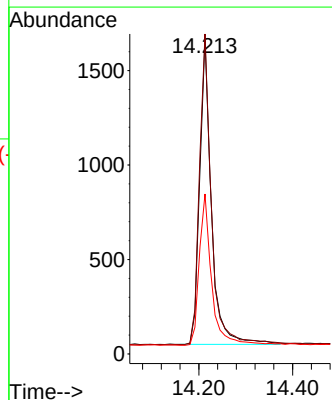
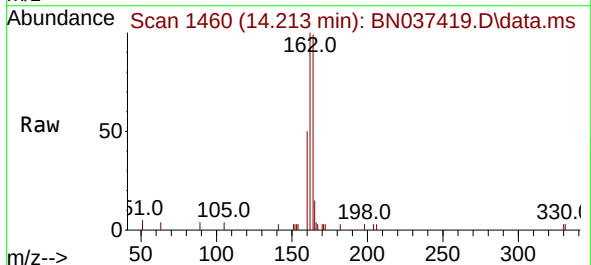
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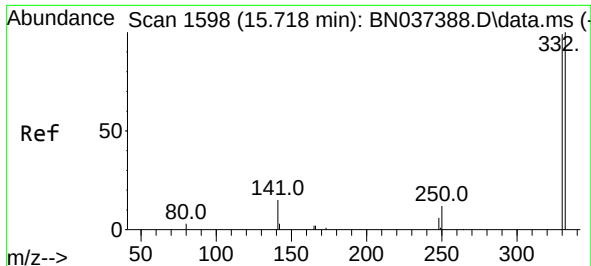
Tgt Ion:152 Resp: 1042
Ion Ratio Lower Upper
152 100
151 21.2 18.4 27.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.213 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

Tgt Ion:164 Resp: 2817
Ion Ratio Lower Upper
164 100
162 101.3 82.6 123.8
160 50.7 42.2 63.2

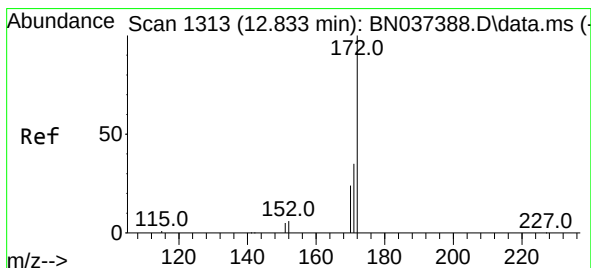
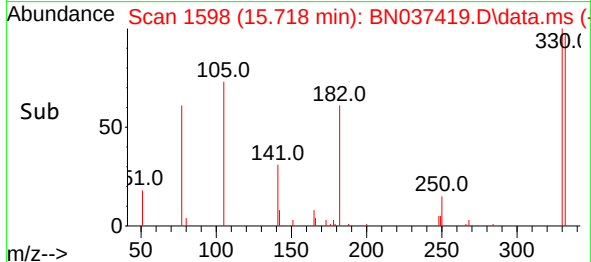
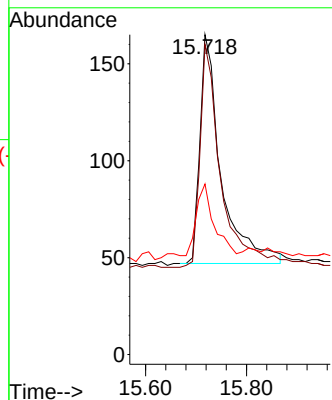
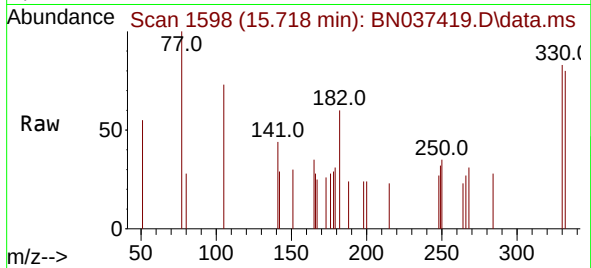




#14
2,4,6-Tribromophenol
Concen: 0.209 ng
RT: 15.718 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

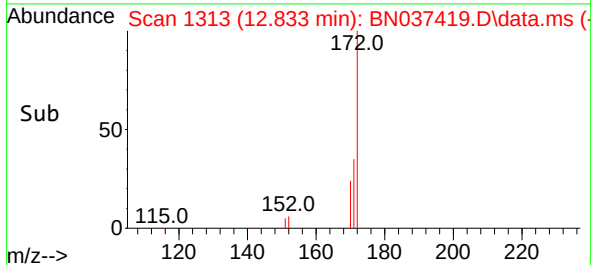
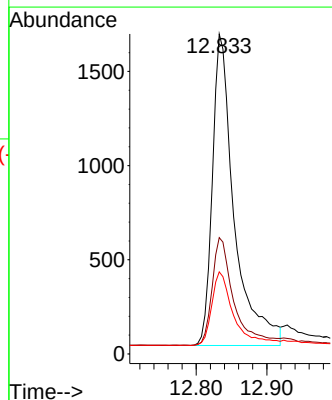
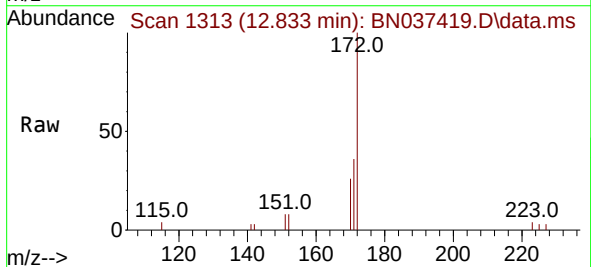
Instrument :
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ClientSampleId :
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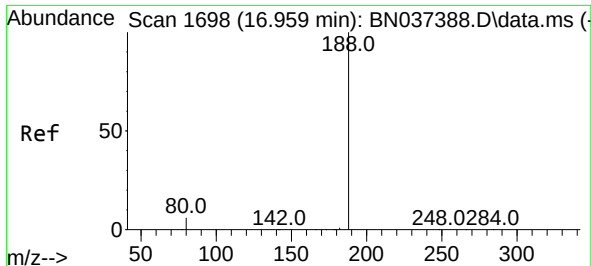
Tgt Ion:330 Resp: 346
Ion Ratio Lower Upper
330 100
332 96.0 77.8 116.8
141 31.8 24.0 36.0



#15
2-Fluorobiphenyl
Concen: 0.292 ng
RT: 12.833 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

Tgt Ion:172 Resp: 3557
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 25.7 20.3 30.5

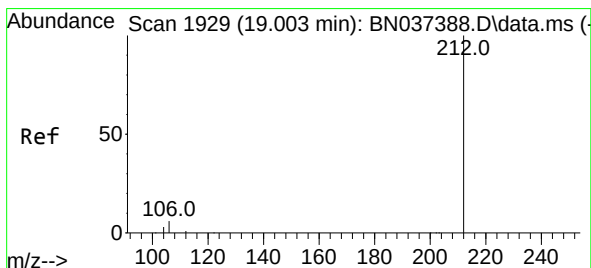
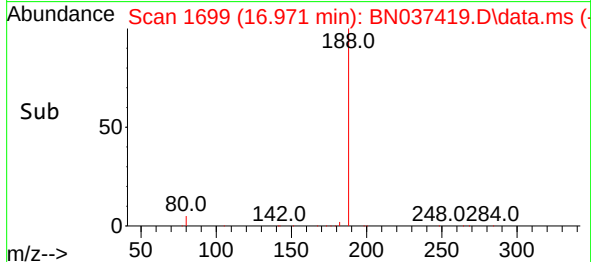
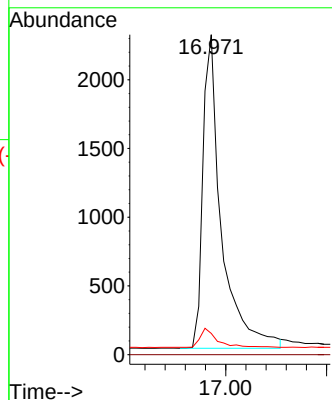
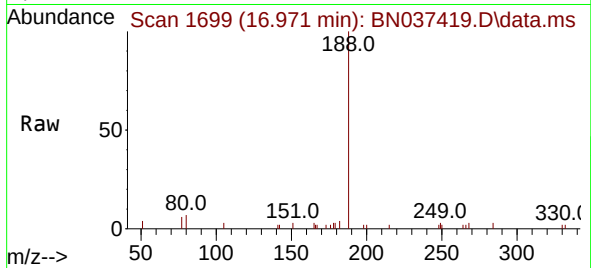




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.012 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

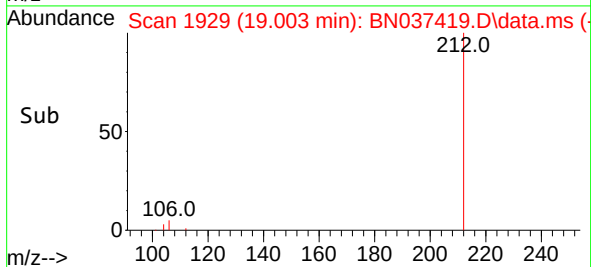
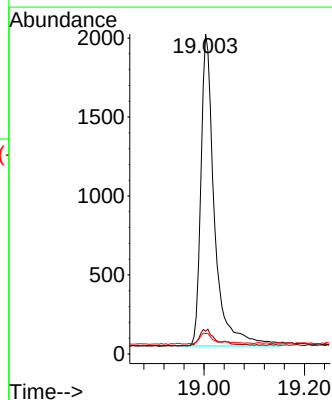
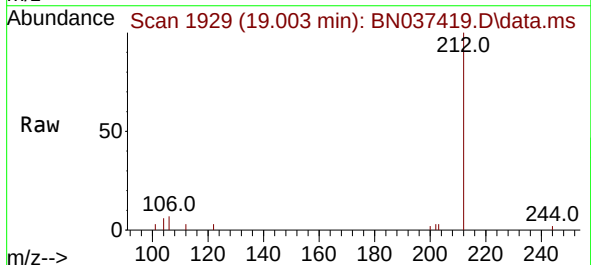
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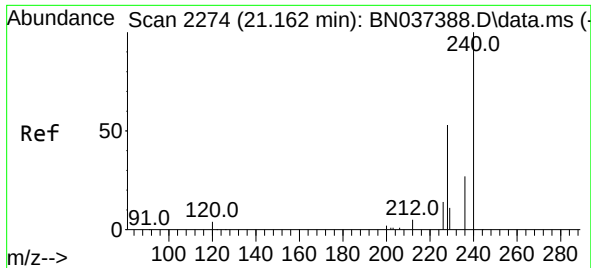
Tgt Ion:188 Resp: 5807
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 6.7 6.2 9.4



#27
Fluoranthene-d10
Concen: 0.223 ng
RT: 19.003 min Scan# 1929
Delta R.T. -0.000 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

Tgt Ion:212 Resp: 3714
Ion Ratio Lower Upper
212 100
106 5.2 4.5 6.7
104 3.4 2.7 4.1

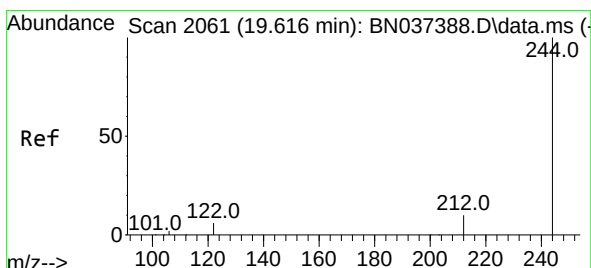
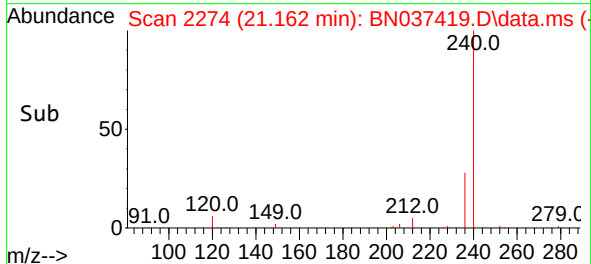
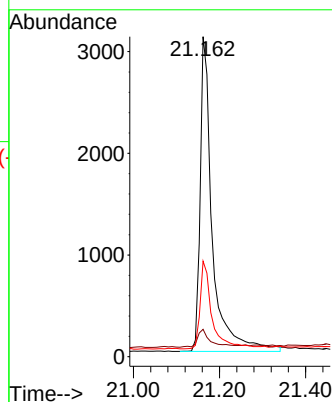
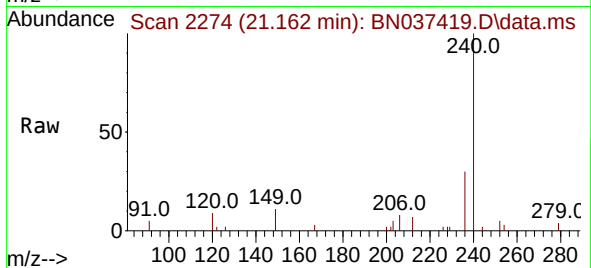




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.162 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

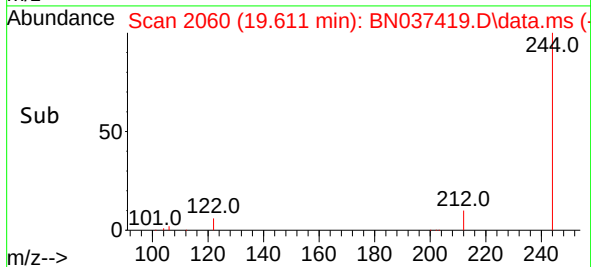
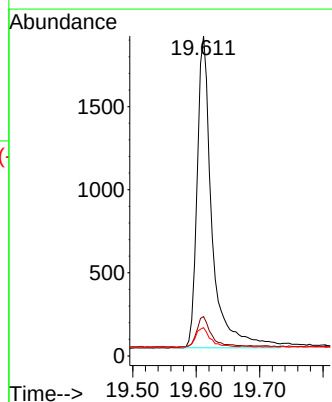
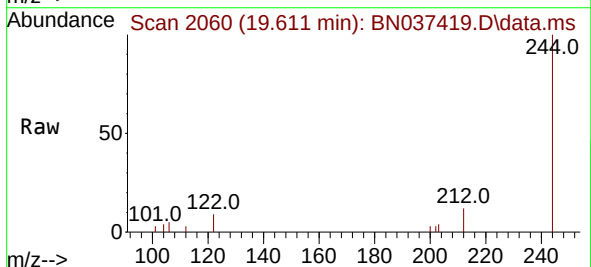
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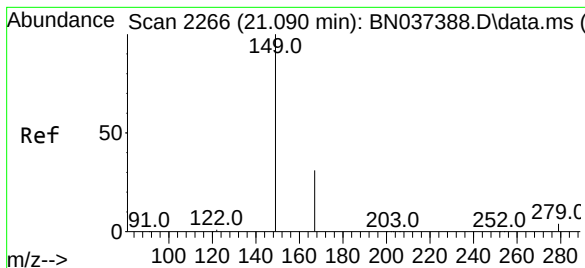
Tgt Ion:240 Resp: 6103
Ion Ratio Lower Upper
240 100
120 8.5 5.3 7.9#
236 29.9 22.7 34.1



#31
Terphenyl-d14
Concen: 0.235 ng
RT: 19.611 min Scan# 2060
Delta R.T. -0.005 min
Lab File: BN037419.D
Acq: 27 Jun 2025 11:21

Tgt Ion:244 Resp: 3058
Ion Ratio Lower Upper
244 100
212 12.3 9.1 13.7
122 8.8 6.3 9.5

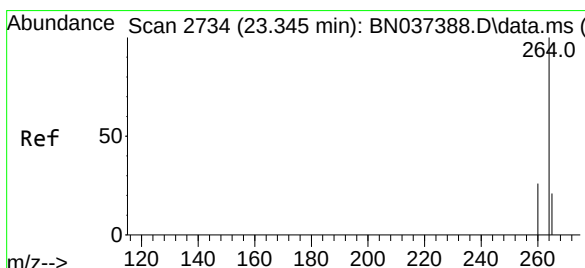
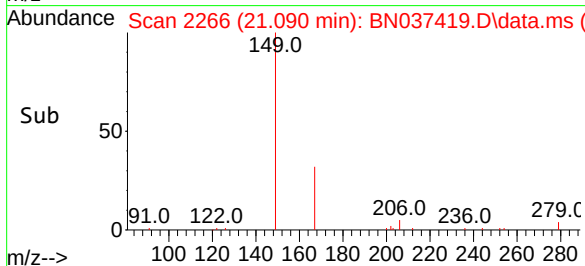
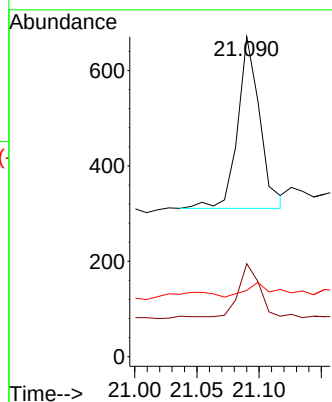
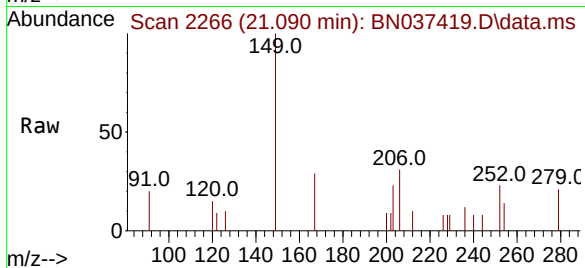




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.090 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN037419.D
 Acq: 27 Jun 2025 11:21

Instrument :
 BNA_N
 ClientSampleId :
 TT189D2-20250617DL

Tgt Ion:149 Resp: 445
 Ion Ratio Lower Upper
 149 100
 167 28.8 24.8 37.2
 279 12.8 5.0 7.6#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.345 min Scan# 2734
 Delta R.T. -0.000 min
 Lab File: BN037419.D
 Acq: 27 Jun 2025 11:21

Tgt Ion:264 Resp: 6394
 Ion Ratio Lower Upper
 264 100
 260 27.5 21.4 32.0
 265 82.0 56.2 84.4

