

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061625\
 Data File : BN037288.D
 Acq On : 16 Jun 2025 12:51
 Operator : RC/JU
 Sample : Q2299-14DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP02-20250610DL

Quant Time: Jun 16 13:22:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 13 18:43:34 2025
 Response via : Initial Calibration

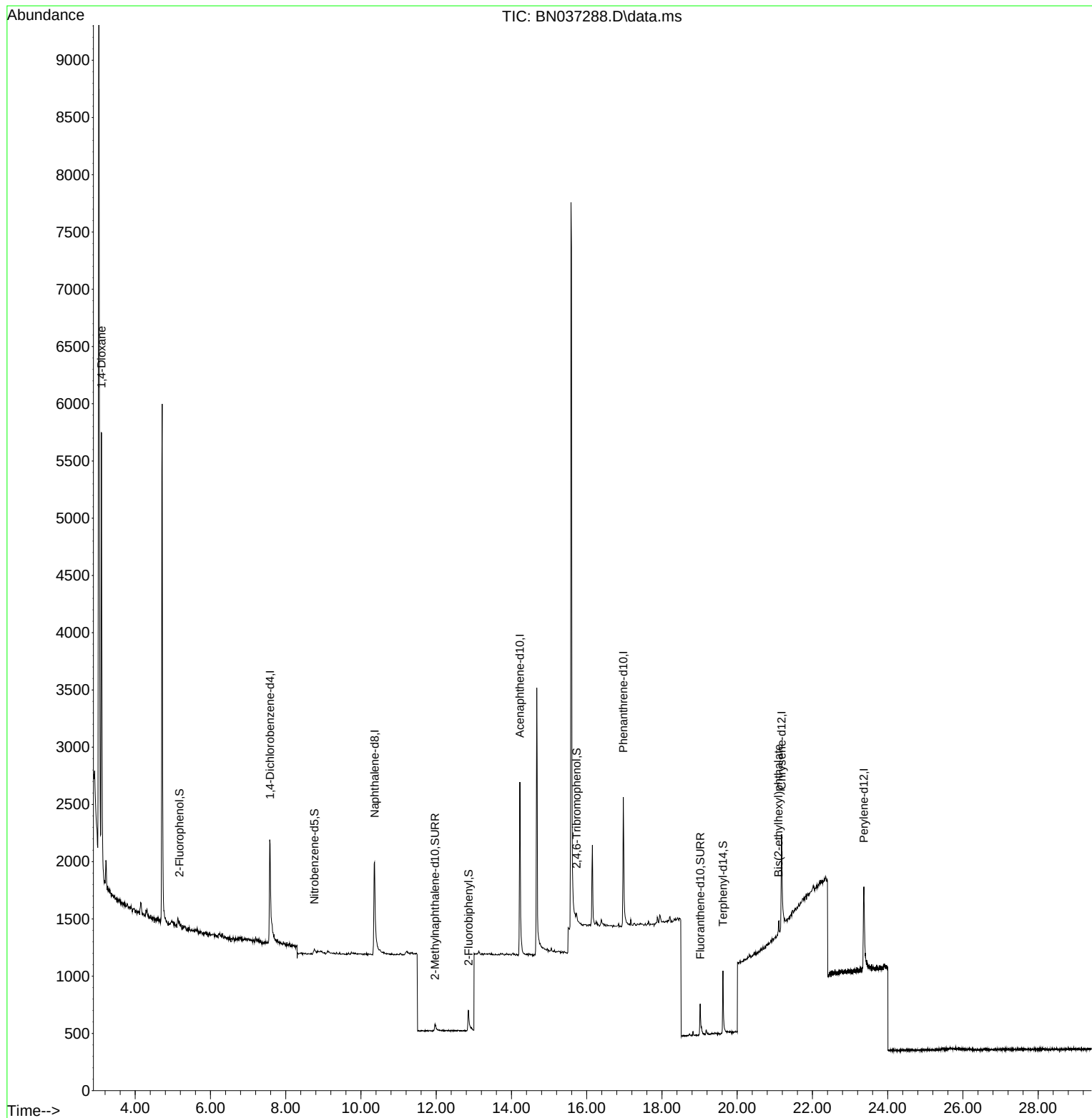
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	691	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	1765	0.400	ng	# 0.00
13) Acenaphthene-d10	14.224	164	1009	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	1902	0.400	ng	0.00
29) Chrysene-d12	21.180	240	1313	0.400	ng	# 0.00
35) Perylene-d12	23.366	264	1237	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	50	0.029	ng	0.00
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.760	82	68	0.039	ng	0.03
11) 2-Methylnaphthalene-d10	11.965	152	145	0.061	ng	0.01
14) 2,4,6-Tribromophenol	15.730	330	43	0.103	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	264	0.062	ng	0.01
27) Fluoranthene-d10	19.017	212	432	0.087	ng	0.00
31) Terphenyl-d14	19.621	244	682	0.230	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.104	88	2099	2.214	ng	94
34) Bis(2-ethylhexyl)phtha...	21.099	149	204	0.062	ng	# 84

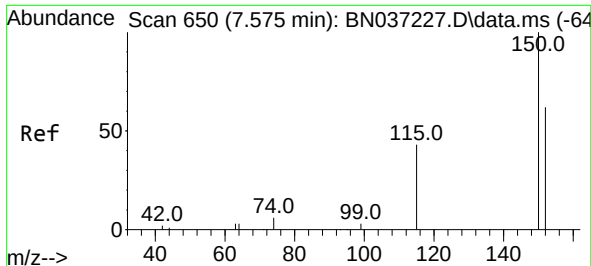
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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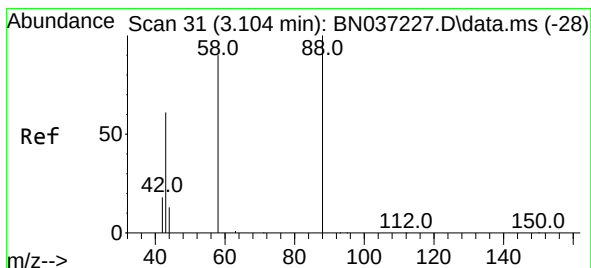
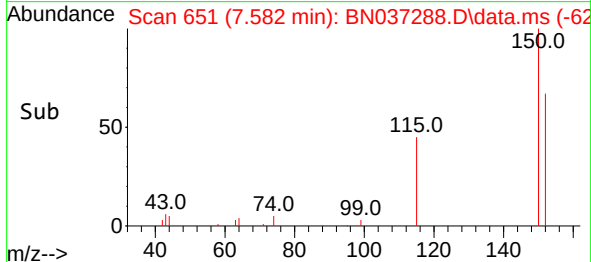
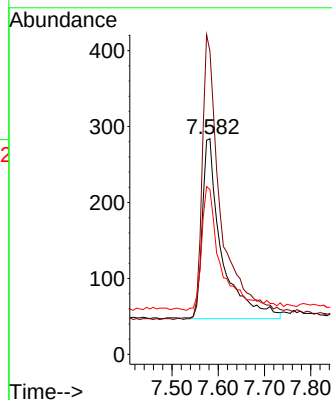
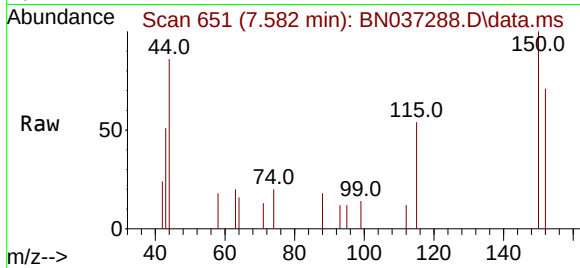




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.582 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: BN037288.D
 Acq: 16 Jun 2025 12:51

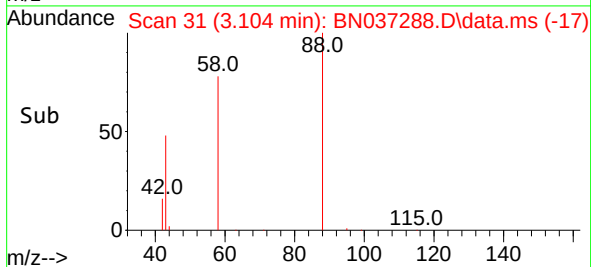
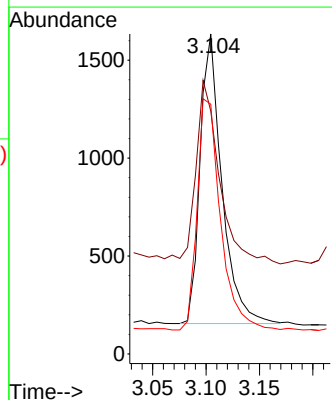
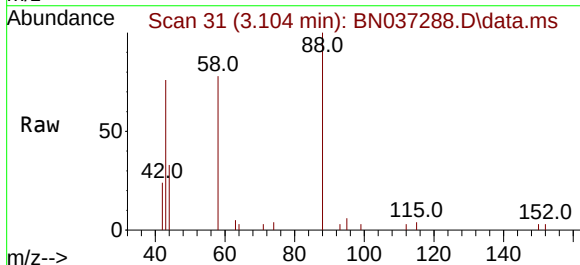
Instrument :
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 ClientSampleId :
 DUP02-20250610DL

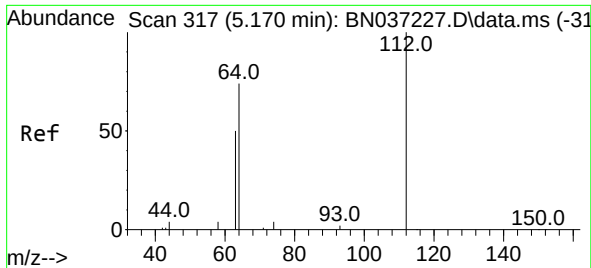
Tgt Ion: 152 Resp: 691
 Ion Ratio Lower Upper
 152 100
 150 140.5 125.2 187.8
 115 76.4 58.4 87.6



#2
 1,4-Dioxane
 Concen: 2.214 ng
 RT: 3.104 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BN037288.D
 Acq: 16 Jun 2025 12:51

Tgt Ion: 88 Resp: 2099
 Ion Ratio Lower Upper
 88 100
 43 69.2 52.6 79.0
 58 85.7 73.5 110.3

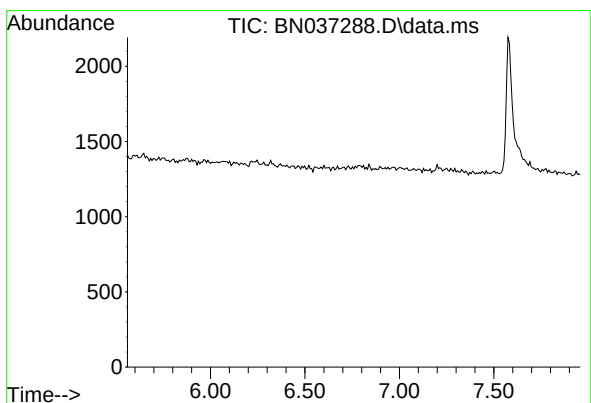
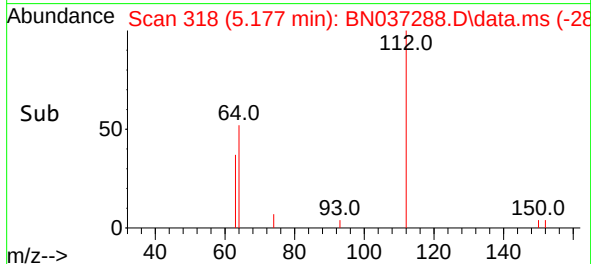
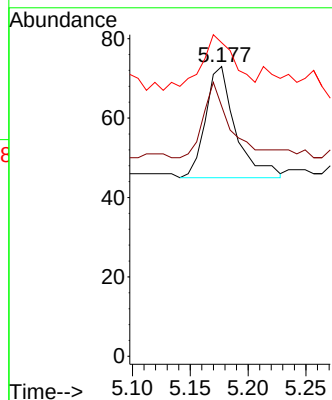
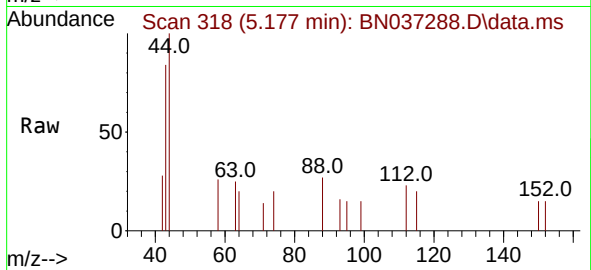




#4
2-Fluorophenol
Concen: 0.029 ng
RT: 5.177 min Scan# 31
Delta R.T. 0.007 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

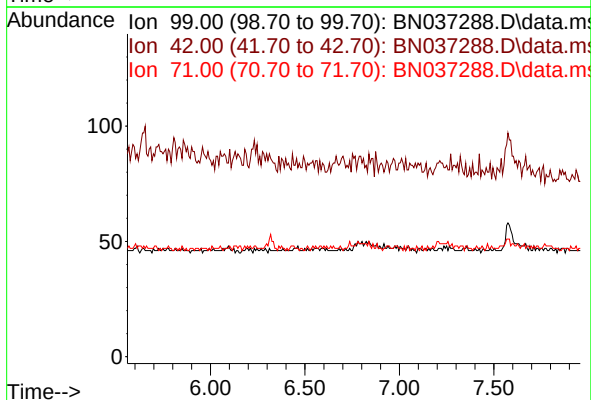
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BNA_N
ClientSampleId :
DUP02-20250610DL

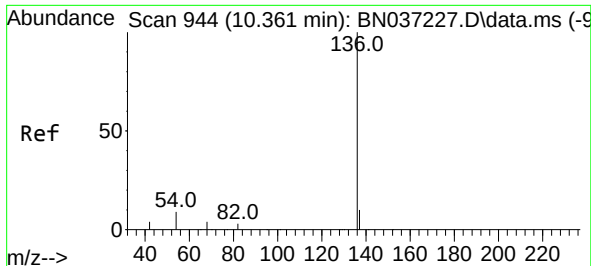
Tgt Ion:112 Resp: 50
Ion Ratio Lower Upper
112 100
64 74.0 57.2 85.8
63 56.0 39.8 59.6



#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.76 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

Tgt Ion: 99
Sig Exp Ratio
99 100
42 45.3
71 53.0

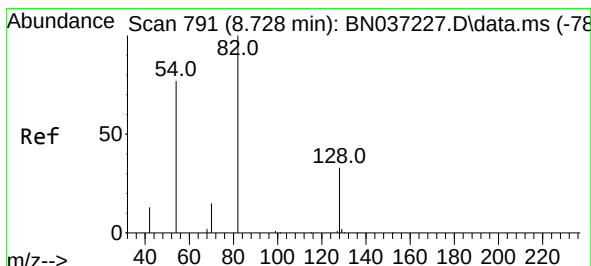
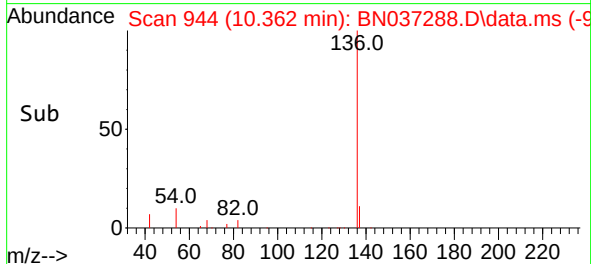
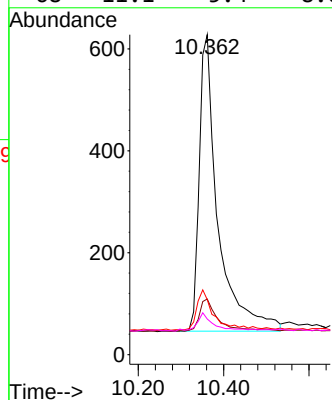
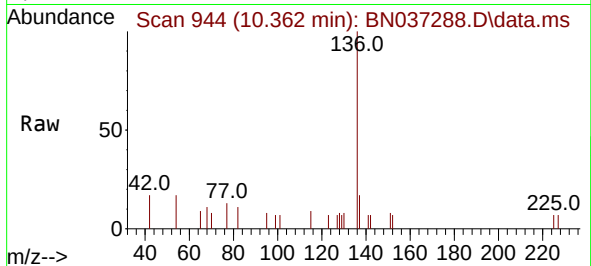




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. 0.000 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

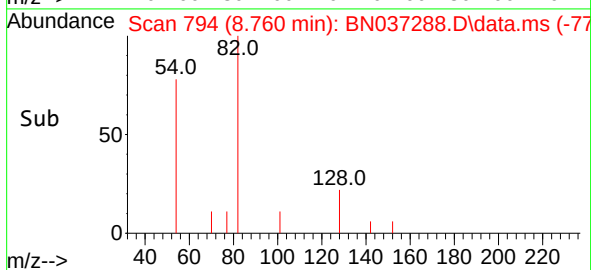
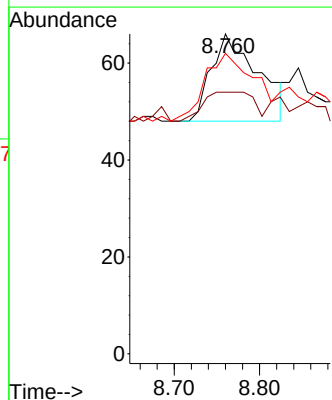
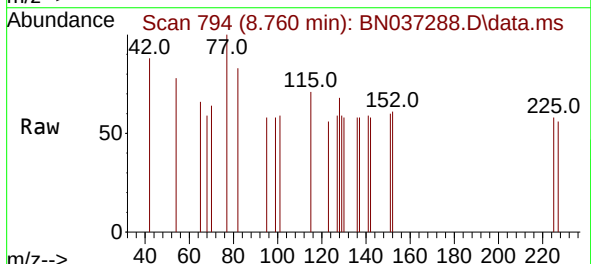
Instrument :
BNA_N
ClientSampleId :
DUP02-20250610DL

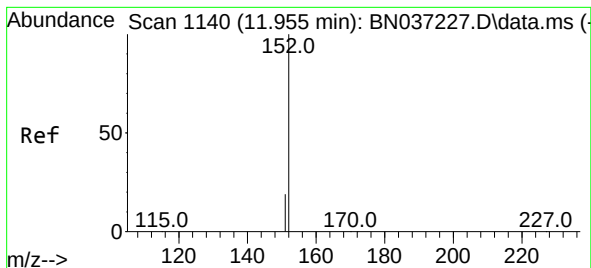
Tgt Ion:	136	Resp:	1765
Ion	Ratio	Lower	Upper
136	100		
137	17.4	10.6	15.8#
54	17.2	9.2	13.8#
68	11.1	5.4	8.0#



#8
Nitrobenzene-d5
Concen: 0.039 ng
RT: 8.760 min Scan# 794
Delta R.T. 0.032 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

Tgt Ion:	82	Resp:	68
Ion	Ratio	Lower	Upper
82	100		
128	81.8	31.2	46.8#
54	93.9	63.3	94.9

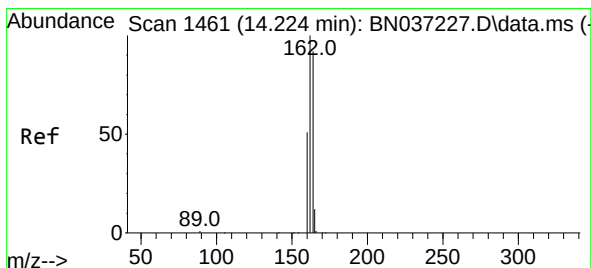
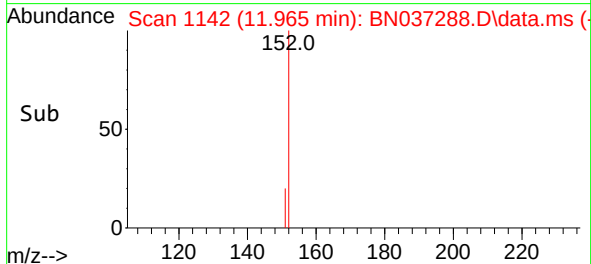
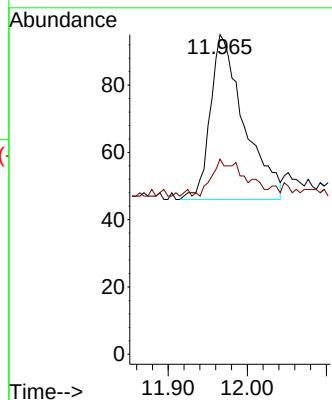
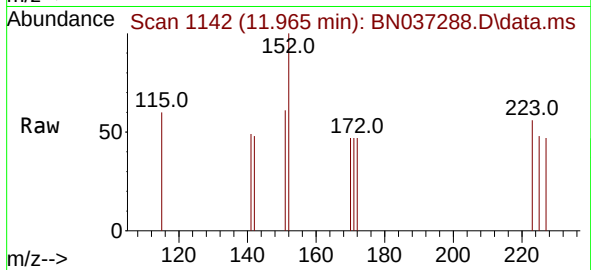




#11
2-Methylnaphthalene-d10
Concen: 0.061 ng
RT: 11.965 min Scan# 1142
Delta R.T. 0.010 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

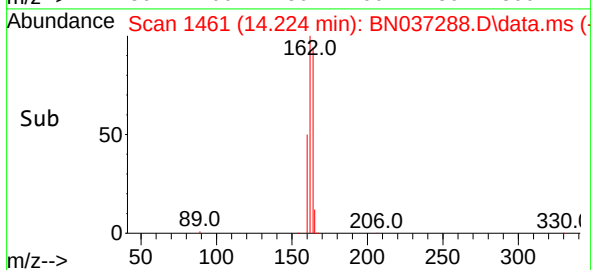
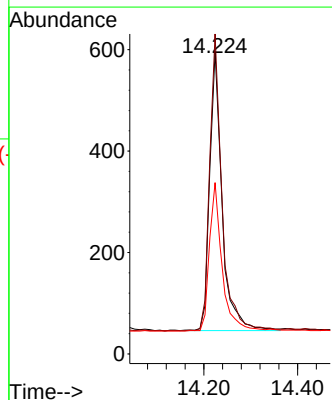
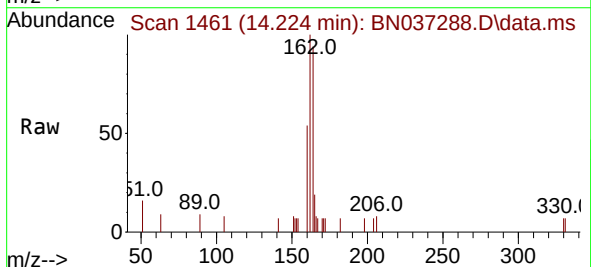
Instrument :
BNA_N
ClientSampleId :
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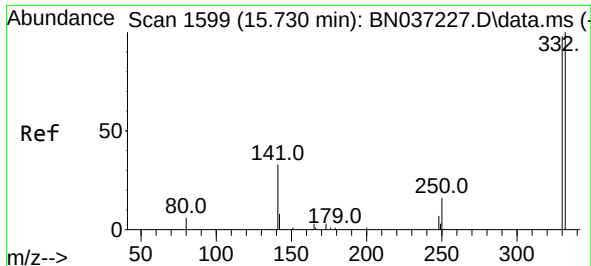
Tgt Ion:152 Resp: 145
Ion Ratio Lower Upper
152 100
151 22.1 17.9 26.9



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.224 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

Tgt Ion:164 Resp: 1009
Ion Ratio Lower Upper
164 100
162 105.9 86.7 130.1
160 56.7 45.8 68.6

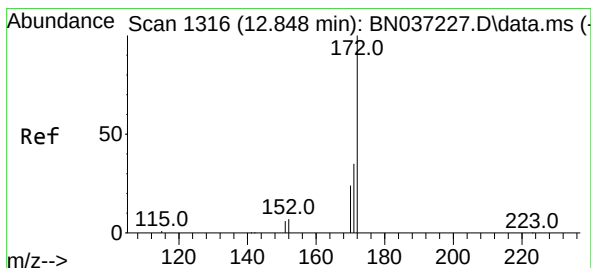
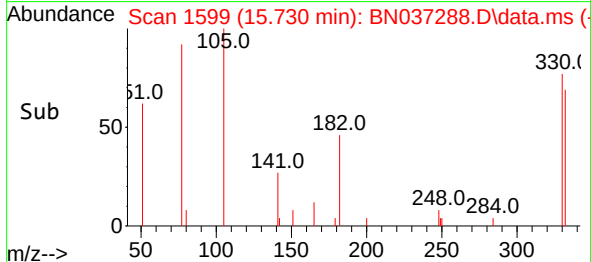
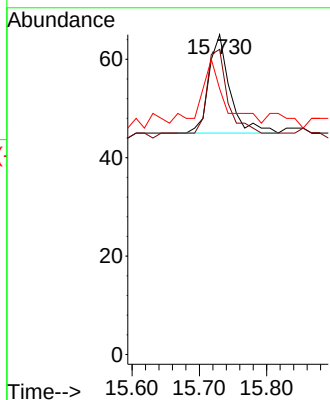
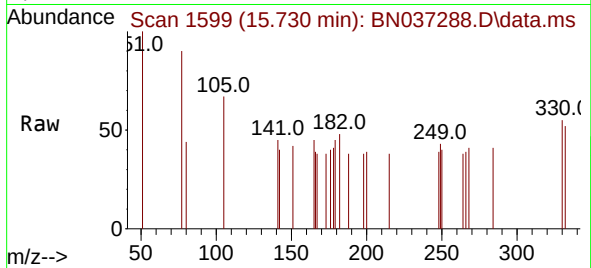




#14
2,4,6-Tribromophenol
Concen: 0.103 ng
RT: 15.730 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

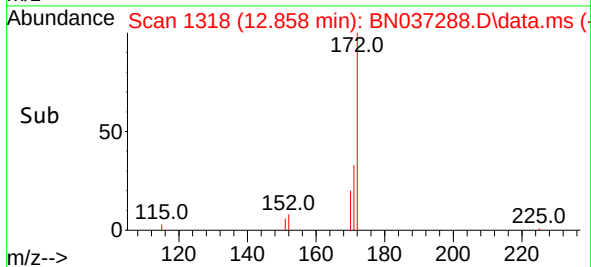
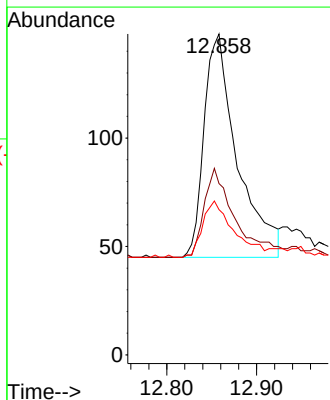
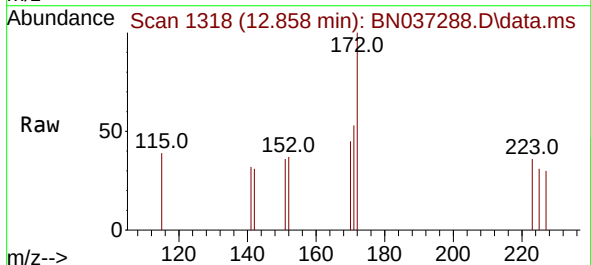
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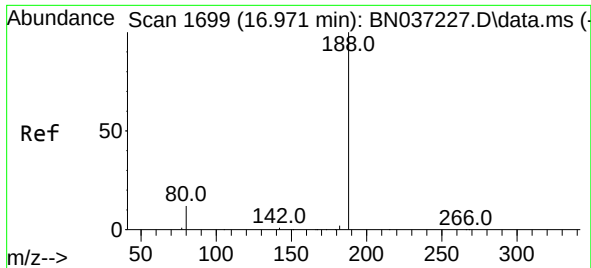
Tgt Ion:330 Resp: 43
Ion Ratio Lower Upper
330 100
332 90.7 74.9 112.3
141 76.7 45.1 67.7#



#15
2-Fluorobiphenyl
Concen: 0.062 ng
RT: 12.858 min Scan# 1318
Delta R.T. 0.010 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

Tgt Ion:172 Resp: 264
Ion Ratio Lower Upper
172 100
171 53.4 29.8 44.8#
170 45.3 21.1 31.7#

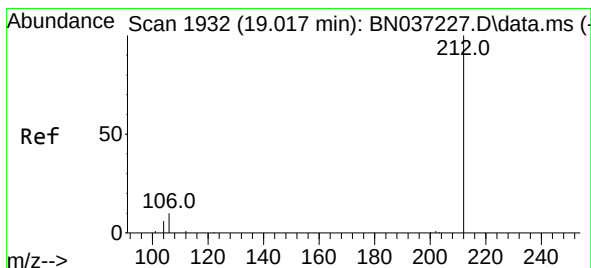
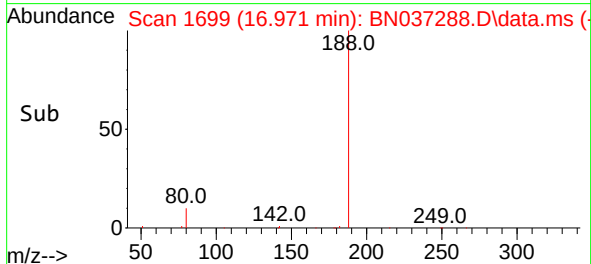
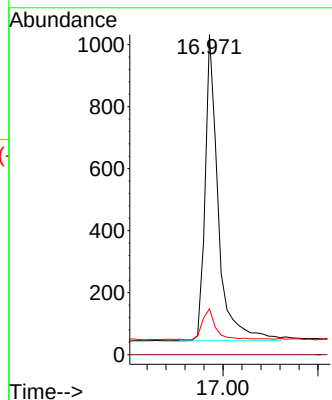
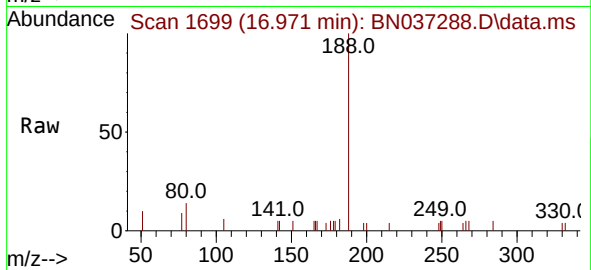




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.971 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

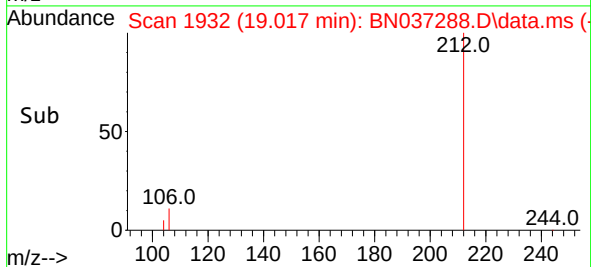
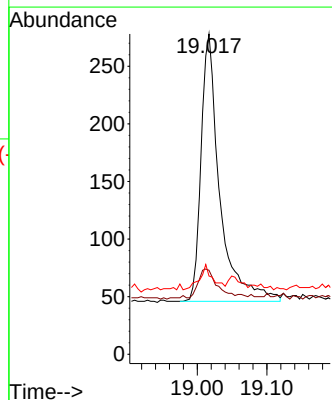
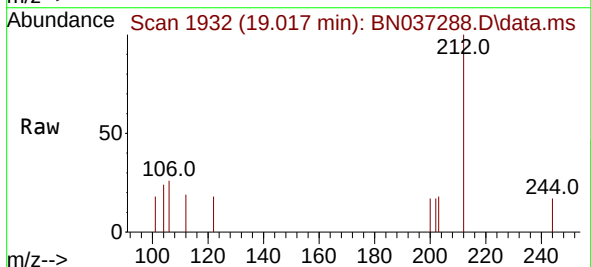
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DUP02-20250610DL

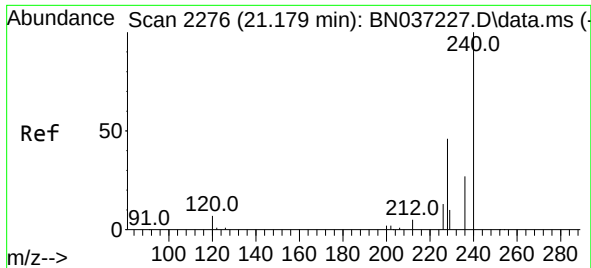
Tgt Ion:188 Resp: 1902
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 12.2 18.4



#27
Fluoranthene-d10
Concen: 0.087 ng
RT: 19.017 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

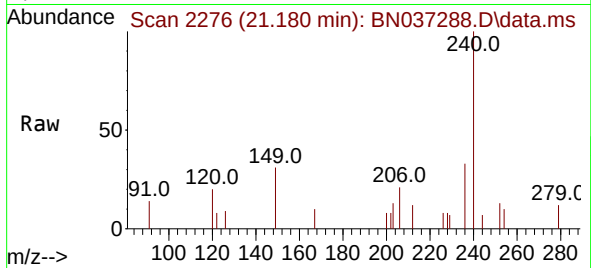
Tgt Ion:212 Resp: 432
Ion Ratio Lower Upper
212 100
106 11.1 9.3 13.9
104 5.8 5.7 8.5



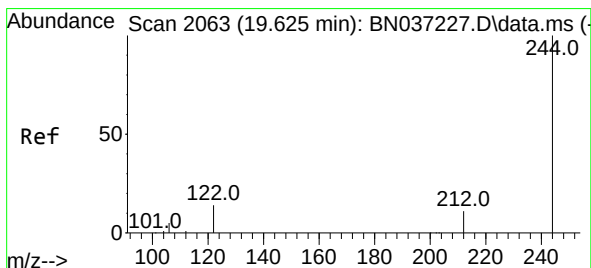
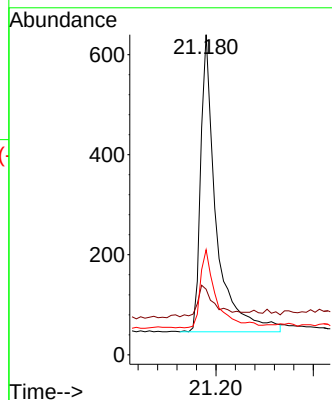
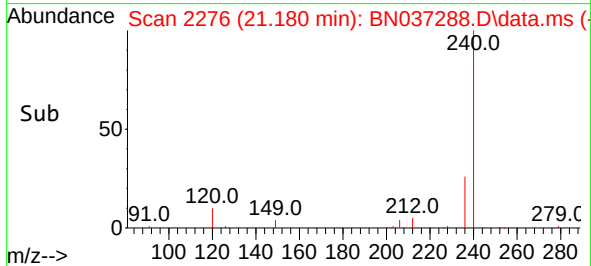


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 211
Delta R.T. 0.000 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

Instrument :
BNA_N
ClientSampleId :
DUP02-20250610DL

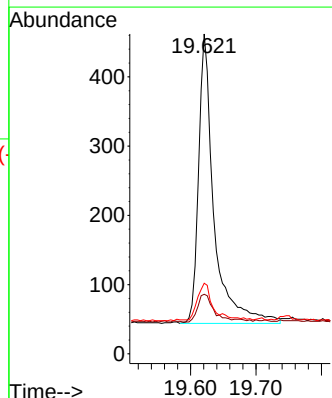
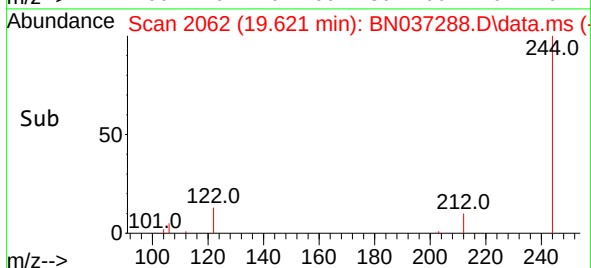
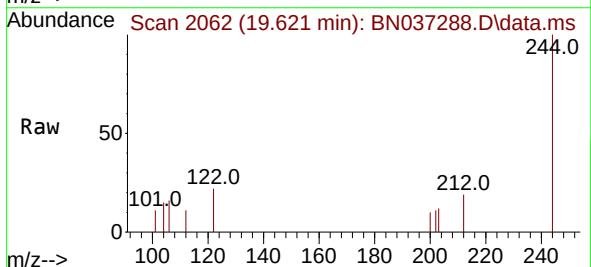


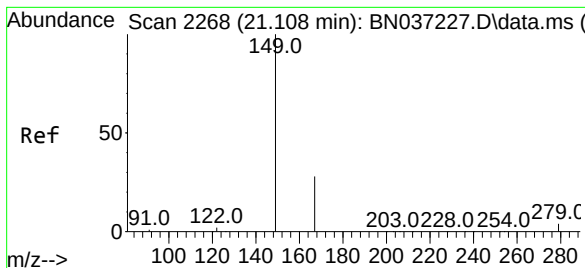
Tgt Ion:240 Resp: 1313
Ion Ratio Lower Upper
240 100
120 20.5 11.3 16.9#
236 32.8 24.4 36.6



#31
Terphenyl-d14
Concen: 0.230 ng
RT: 19.621 min Scan# 2062
Delta R.T. -0.005 min
Lab File: BN037288.D
Acq: 16 Jun 2025 12:51

Tgt Ion:244 Resp: 682
Ion Ratio Lower Upper
244 100
212 18.6 12.2 18.2#
122 22.1 14.3 21.5#

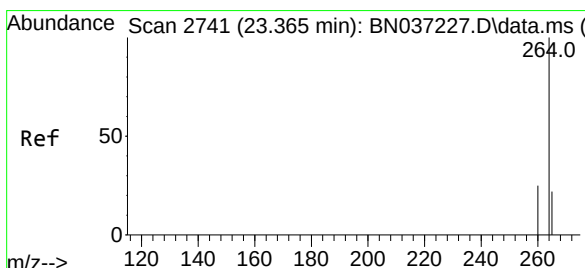
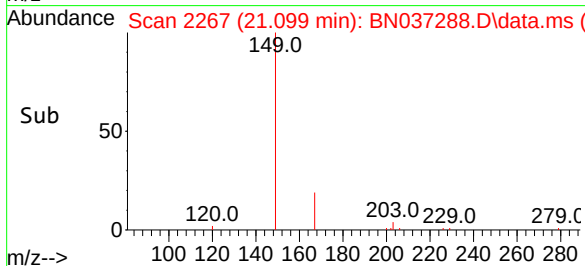
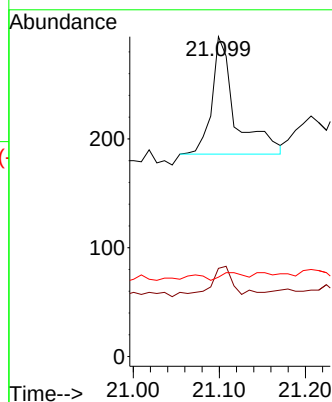
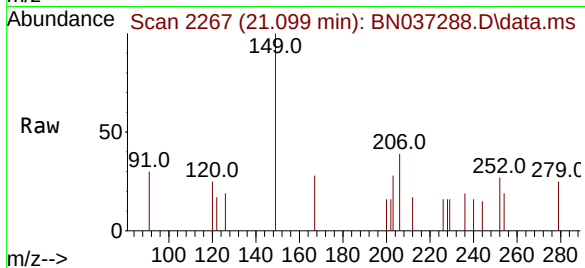




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.062 ng
 RT: 21.099 min Scan# 2109
 Delta R.T. -0.009 min
 Lab File: BN037288.D
 Acq: 16 Jun 2025 12:51

Instrument :
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Tgt Ion:149 Resp: 204
 Ion Ratio Lower Upper
 149 100
 167 17.6 21.3 31.9#
 279 6.4 3.3 4.9#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.366 min Scan# 2741
 Delta R.T. 0.000 min
 Lab File: BN037288.D
 Acq: 16 Jun 2025 12:51

Tgt Ion:264 Resp: 1237
 Ion Ratio Lower Upper
 264 100
 260 30.6 22.8 34.2
 265 116.1 66.4 99.6#

