

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
 Data File : BN037745.D
 Acq On : 17 Sep 2025 14:35
 Operator : RC/JU
 Sample : Q3086-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW8-SP100-20250911

Quant Time: Sep 17 15:02:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 14:20:01 2025
 Response via : Initial Calibration

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

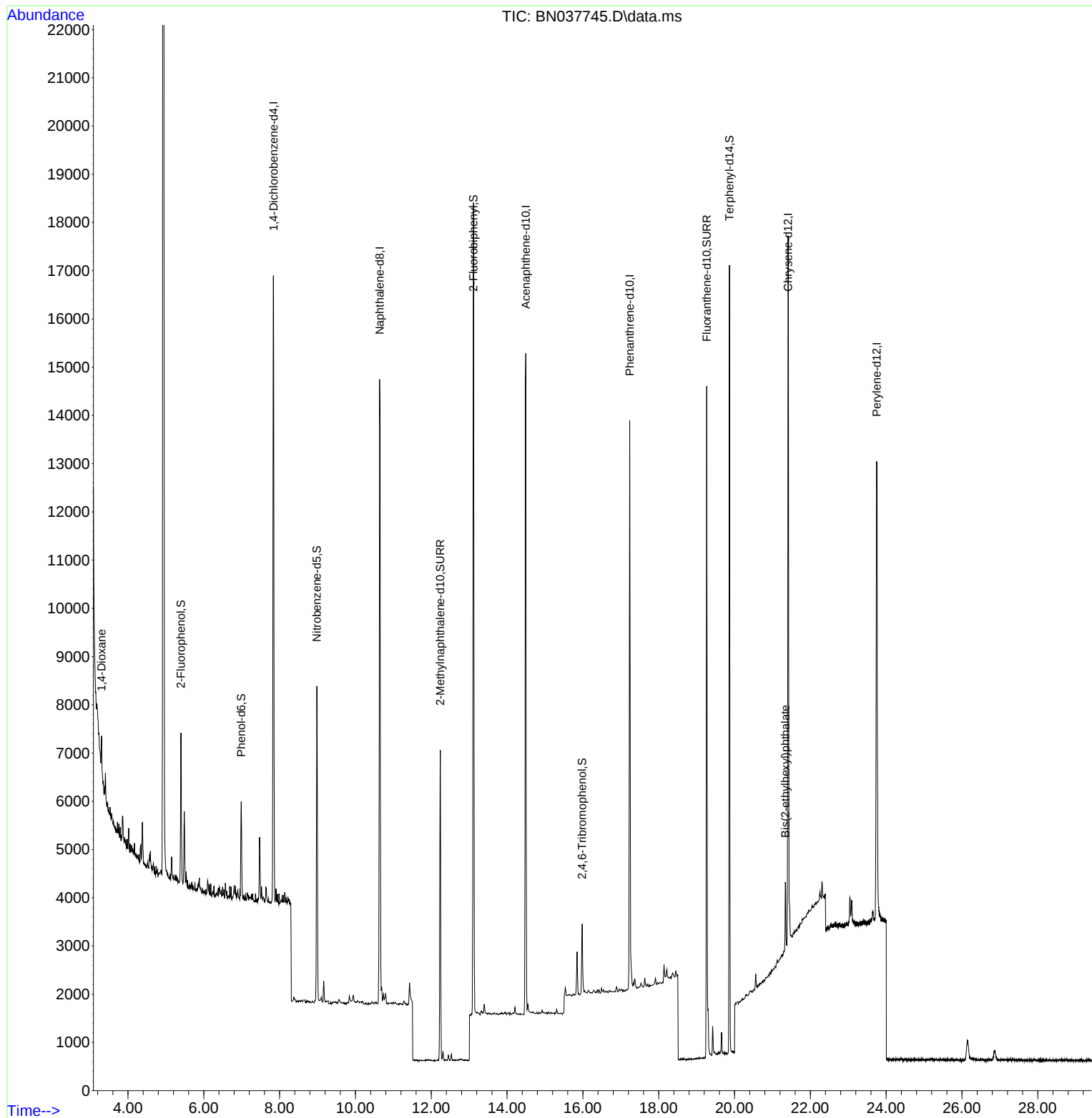
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	6573	0.400	ng	0.00
7) Naphthalene-d8	10.637	136	18040	0.400	ng	-0.01
13) Acenaphthene-d10	14.495	164	8326	0.400	ng	0.00
19) Phenanthrene-d10	17.235	188	15420	0.400	ng	0.00
29) Chrysene-d12	21.411	240	14189	0.400	ng	# 0.00
35) Perylene-d12	23.750	264	14177	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	2494	0.165	ng	0.00
5) Phenol-d6	6.988	99	1834	0.094	ng	0.00
8) Nitrobenzene-d5	8.982	82	5104	0.387	ng	-0.01
11) 2-Methylnaphthalene-d10	12.238	152	8531	0.357	ng	0.00
14) 2,4,6-Tribromophenol	15.982	330	929	0.428	ng	0.00
15) 2-Fluorobiphenyl	13.115	172	14069	0.404	ng	0.00
27) Fluoranthene-d10	19.267	212	15060	0.389	ng	0.00
31) Terphenyl-d14	19.866	244	15907	0.552	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.304	88	481	0.070	ng	# 78
34) Bis(2-ethylhexyl)phtha...	21.340	149	1443	0.098	ng	# 98

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

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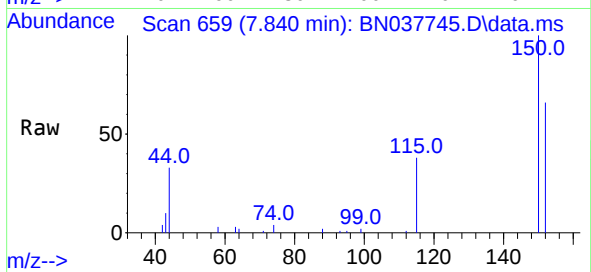
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration



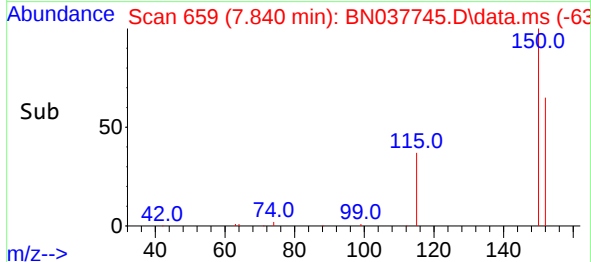
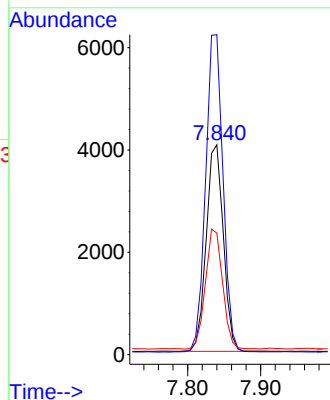


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.840 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250911

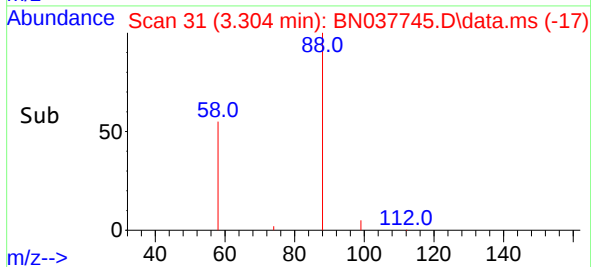
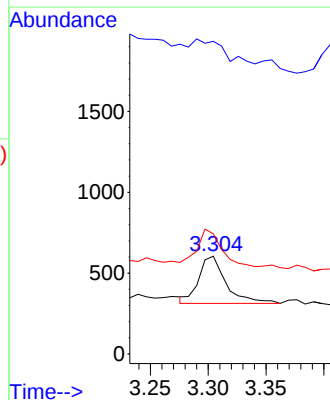
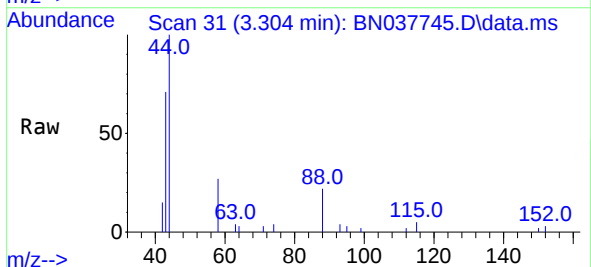


Tgt Ion:152 Resp: 6573
Ion Ratio Lower Upper
152 100
150 152.4 124.5 186.7
115 57.9 49.2 73.8



#2
1,4-Dioxane
Concen: 0.070 ng
RT: 3.304 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

Tgt Ion: 88 Resp: 481
Ion Ratio Lower Upper
88 100
43 0.0 26.8 40.2#
58 82.3 61.9 92.9

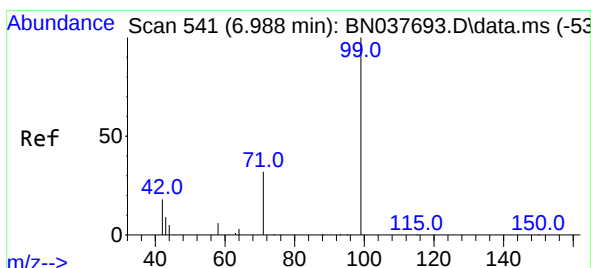
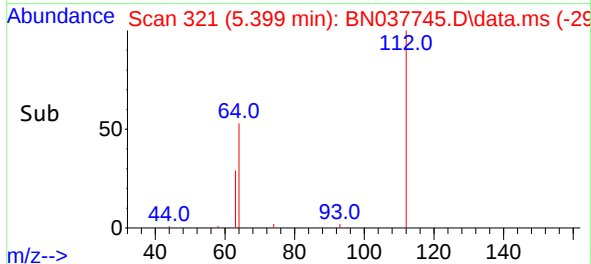
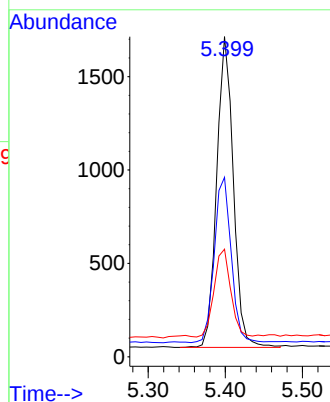
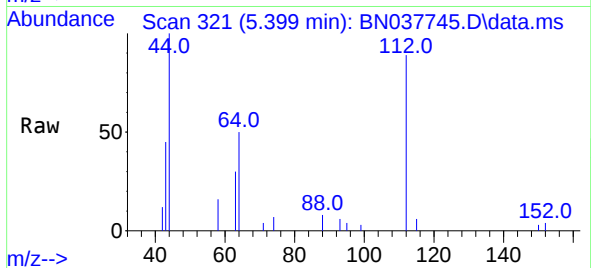




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.399 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

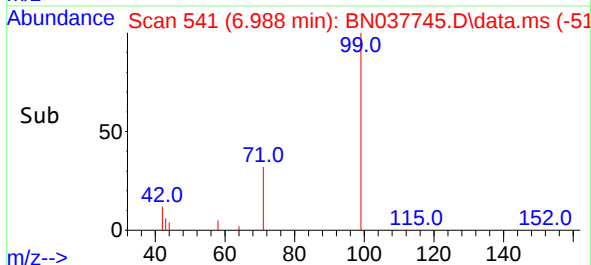
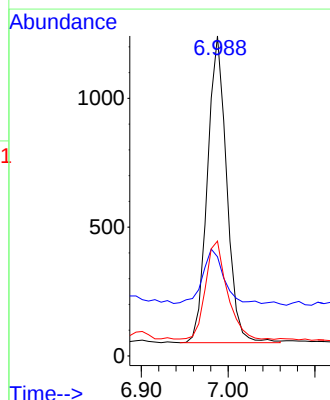
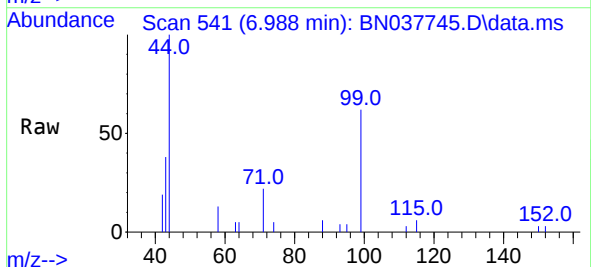
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250911

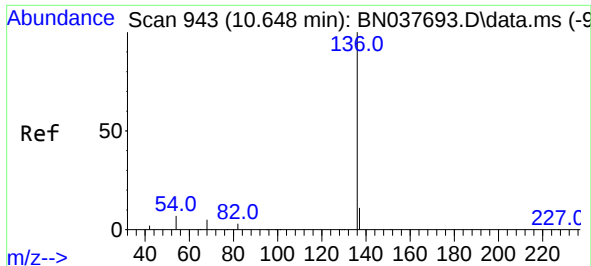
Tgt Ion:112 Resp: 2494
Ion Ratio Lower Upper
112 100
64 54.0 44.9 67.3
63 28.3 24.7 37.1



#5
Phenol-d6
Concen: 0.094 ng
RT: 6.988 min Scan# 541
Delta R.T. -0.000 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

Tgt Ion: 99 Resp: 1834
Ion Ratio Lower Upper
99 100
42 22.1 16.6 24.8
71 36.2 26.7 40.1

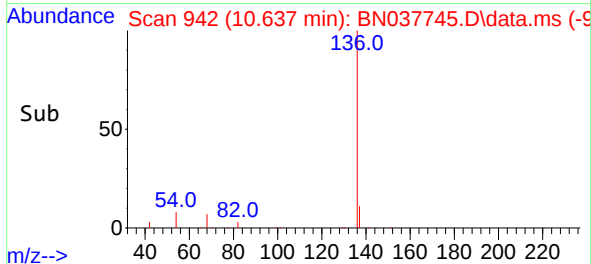
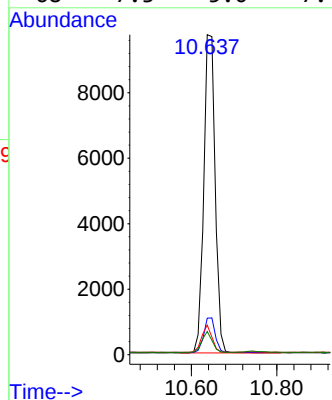
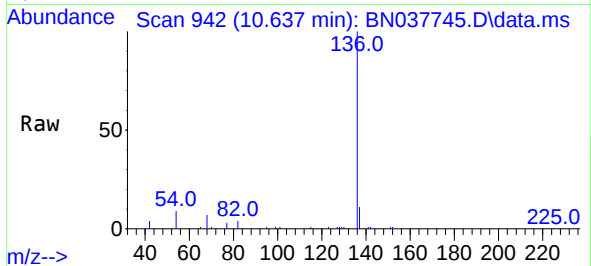




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.637 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

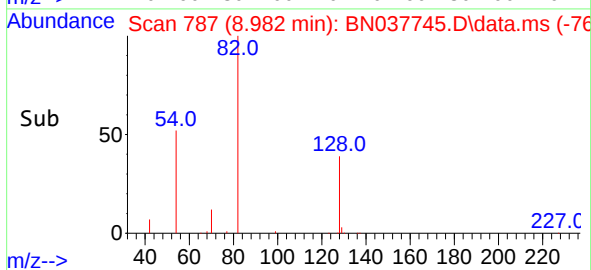
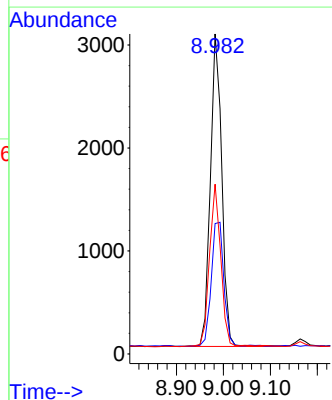
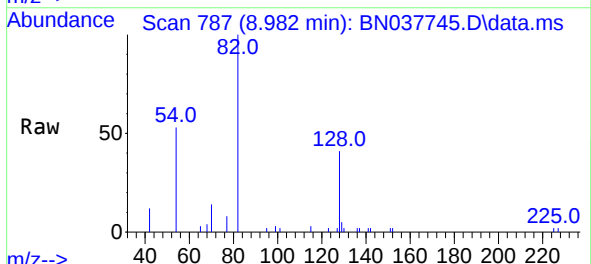
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250911

Tgt Ion:	136	Resp:	18040
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.2	6.3	9.5
68	7.3	5.0	7.4



#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.982 min Scan# 787
Delta R.T. -0.011 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

Tgt Ion:	82	Resp:	5104
Ion	Ratio	Lower	Upper
82	100		
128	40.8	38.3	57.5
54	53.1	41.4	62.2

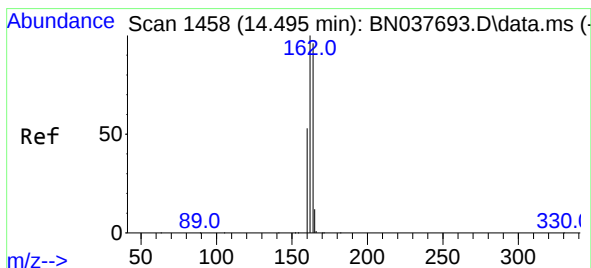
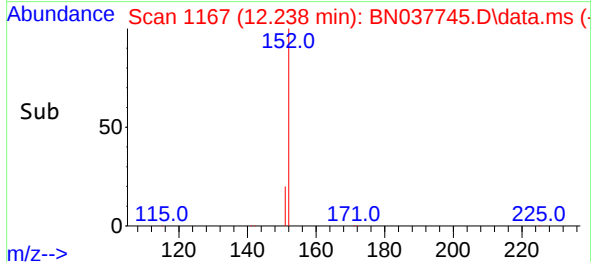
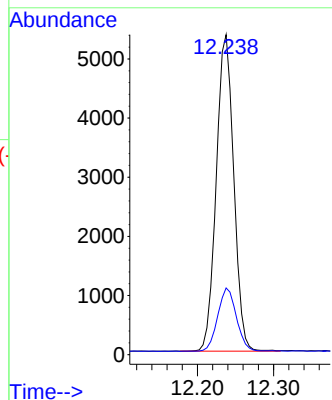
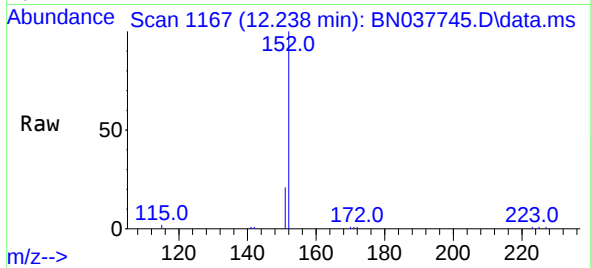




#11
2-Methylnaphthalene-d10
Concen: 0.357 ng
RT: 12.238 min Scan# 1167
Delta R.T. -0.005 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

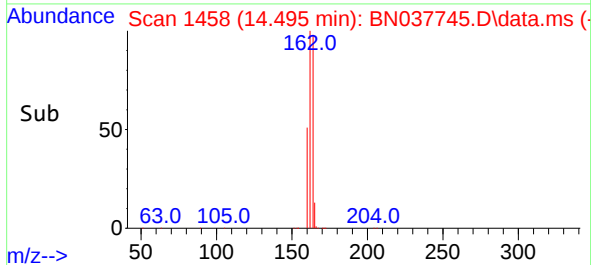
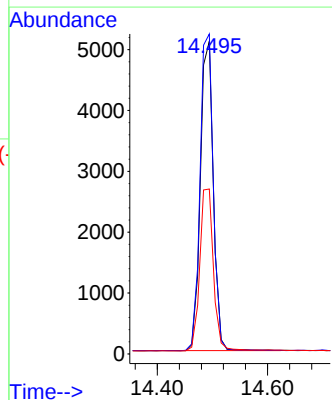
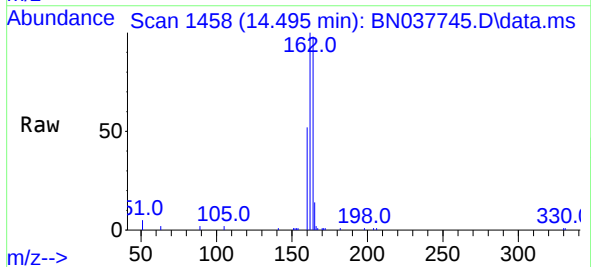
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250911

Tgt Ion:152 Resp: 8531
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.495 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

Tgt Ion:164 Resp: 8326
Ion Ratio Lower Upper
164 100
162 102.3 83.1 124.7
160 52.8 44.3 66.5

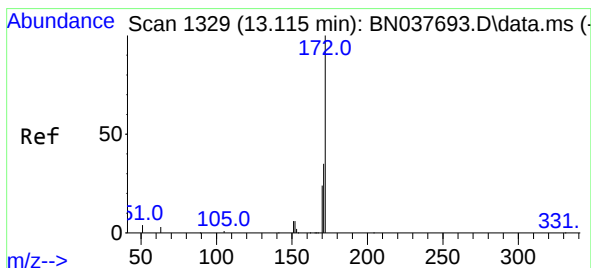
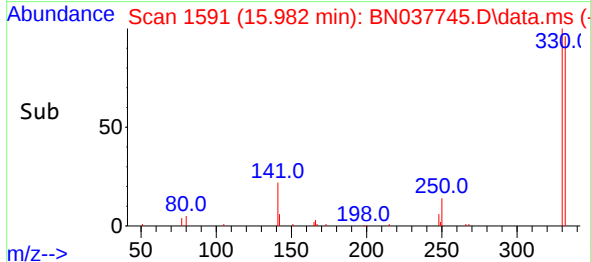
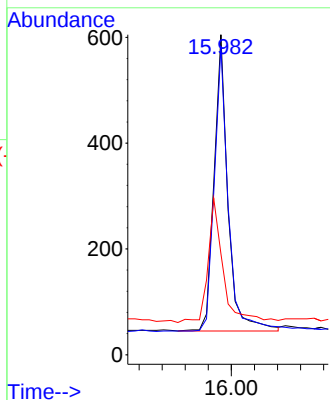
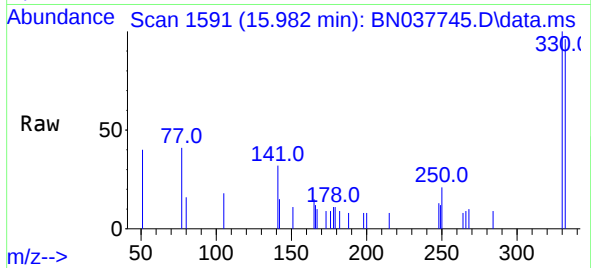




#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 15.982 min Scan# 1591
Delta R.T. -0.000 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

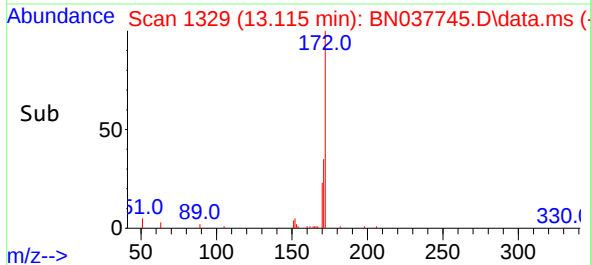
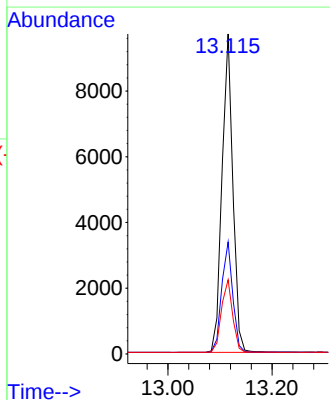
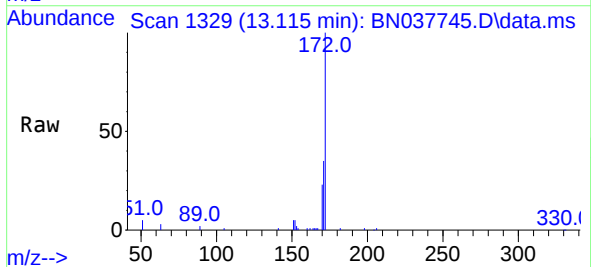
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250911

Tgt Ion:330 Resp: 929
Ion Ratio Lower Upper
330 100
332 98.5 75.3 112.9
141 45.6 35.0 52.4



#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 13.115 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

Tgt Ion:172 Resp: 14069
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.2 19.8 29.8

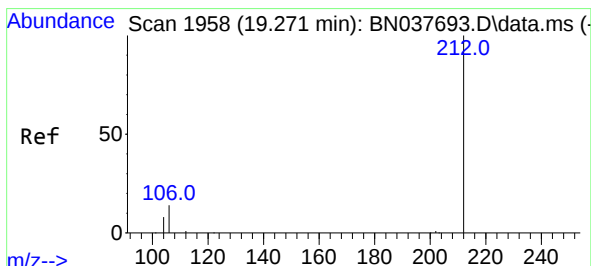
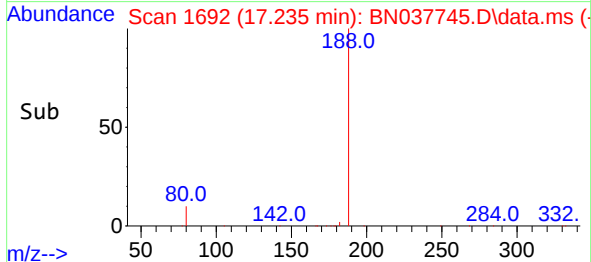
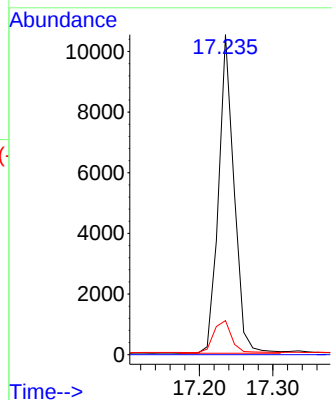
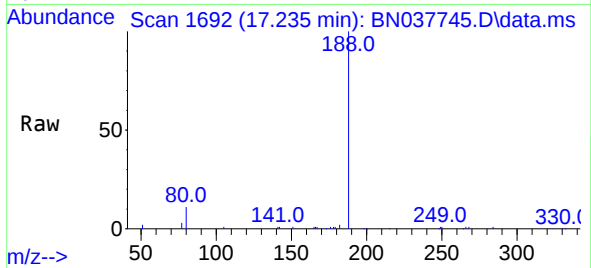




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.235 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

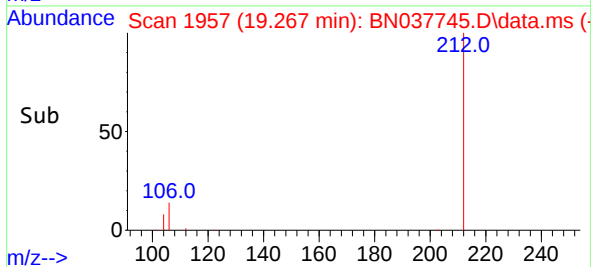
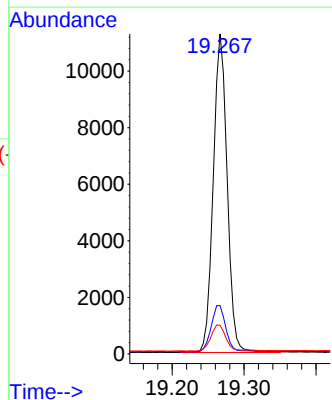
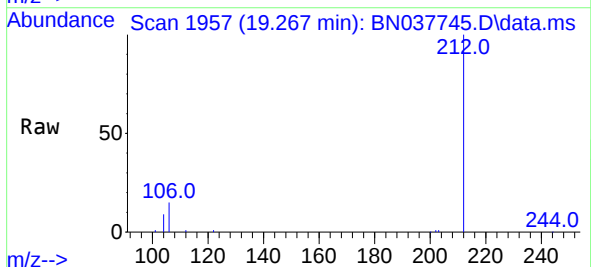
Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250911

Tgt Ion:188 Resp: 15420
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.6 10.6 15.8



#27
Fluoranthene-d10
Concen: 0.389 ng
RT: 19.267 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

Tgt Ion:212 Resp: 15060
Ion Ratio Lower Upper
212 100
106 15.3 12.2 18.2
104 8.8 6.9 10.3

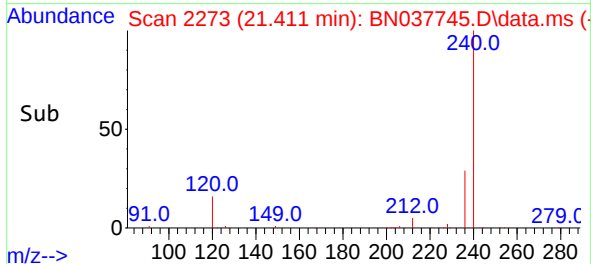
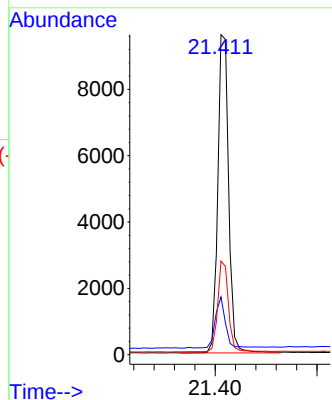
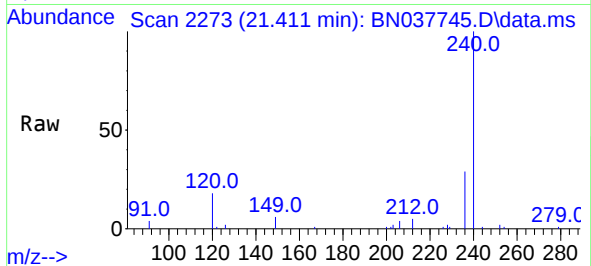




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.411 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

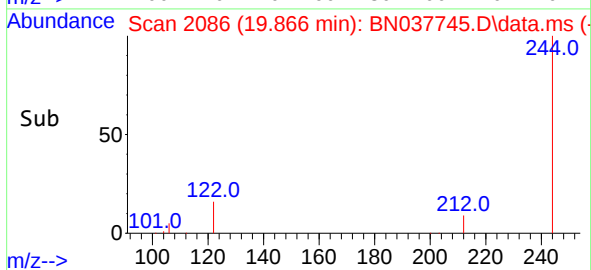
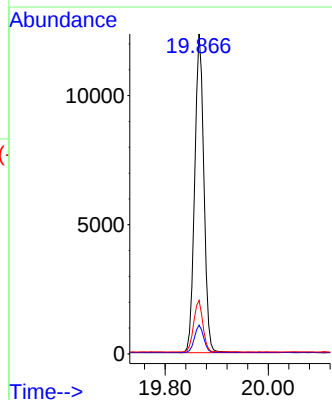
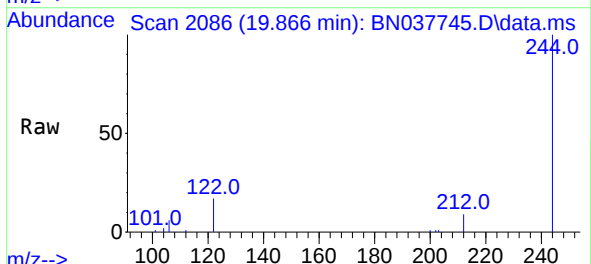
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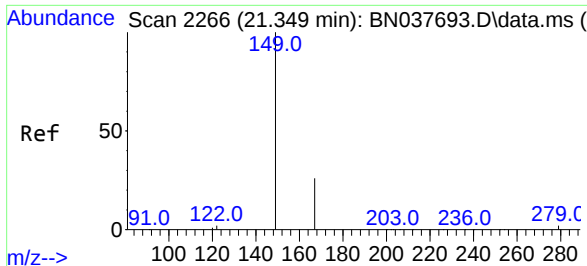
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Ion Ratio Lower Upper
240 100
120 18.0 9.2 13.8#
236 29.2 22.6 33.8



#31
Terphenyl-d14
Concen: 0.552 ng
RT: 19.866 min Scan# 2086
Delta R.T. -0.005 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

Tgt Ion:244 Resp: 15907
Ion Ratio Lower Upper
244 100
212 9.0 7.5 11.3
122 16.7 13.2 19.8

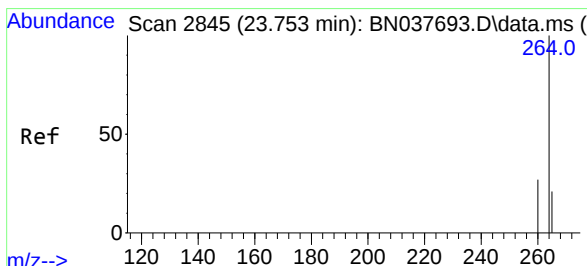
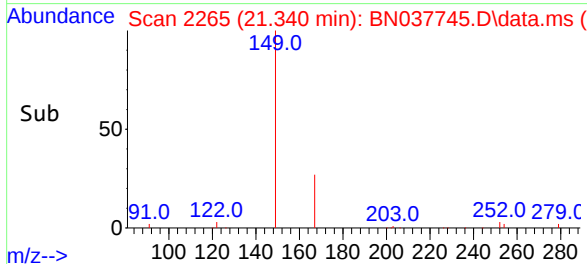
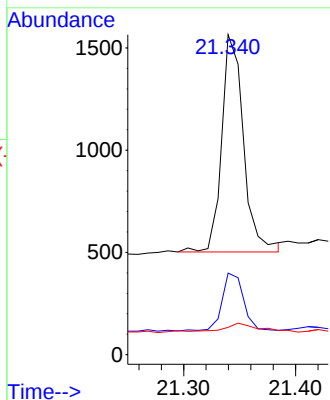
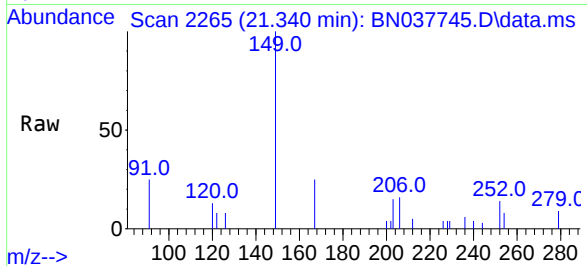




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.098 ng
RT: 21.340 min Scan# 2134
Delta R.T. -0.009 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

Instrument :
BNA_N
ClientSampleId :
RW8-SP100-20250911

Tgt Ion:149 Resp: 1443
Ion Ratio Lower Upper
149 100
167 26.3 20.8 31.2
279 6.9 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.750 min Scan# 2844
Delta R.T. -0.003 min
Lab File: BN037745.D
Acq: 17 Sep 2025 14:35

Tgt Ion:264 Resp: 14177
Ion Ratio Lower Upper
264 100
260 26.5 21.8 32.8
265 54.4 39.4 59.2

