

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011325\
 Data File : BN035916.D
 Acq On : 13 Jan 2025 11:20
 Operator : RC/JU
 Sample : Q1040-01DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250108DL

Quant Time: Jan 13 11:52:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 02 15:39:17 2025
 Response via : Initial Calibration

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

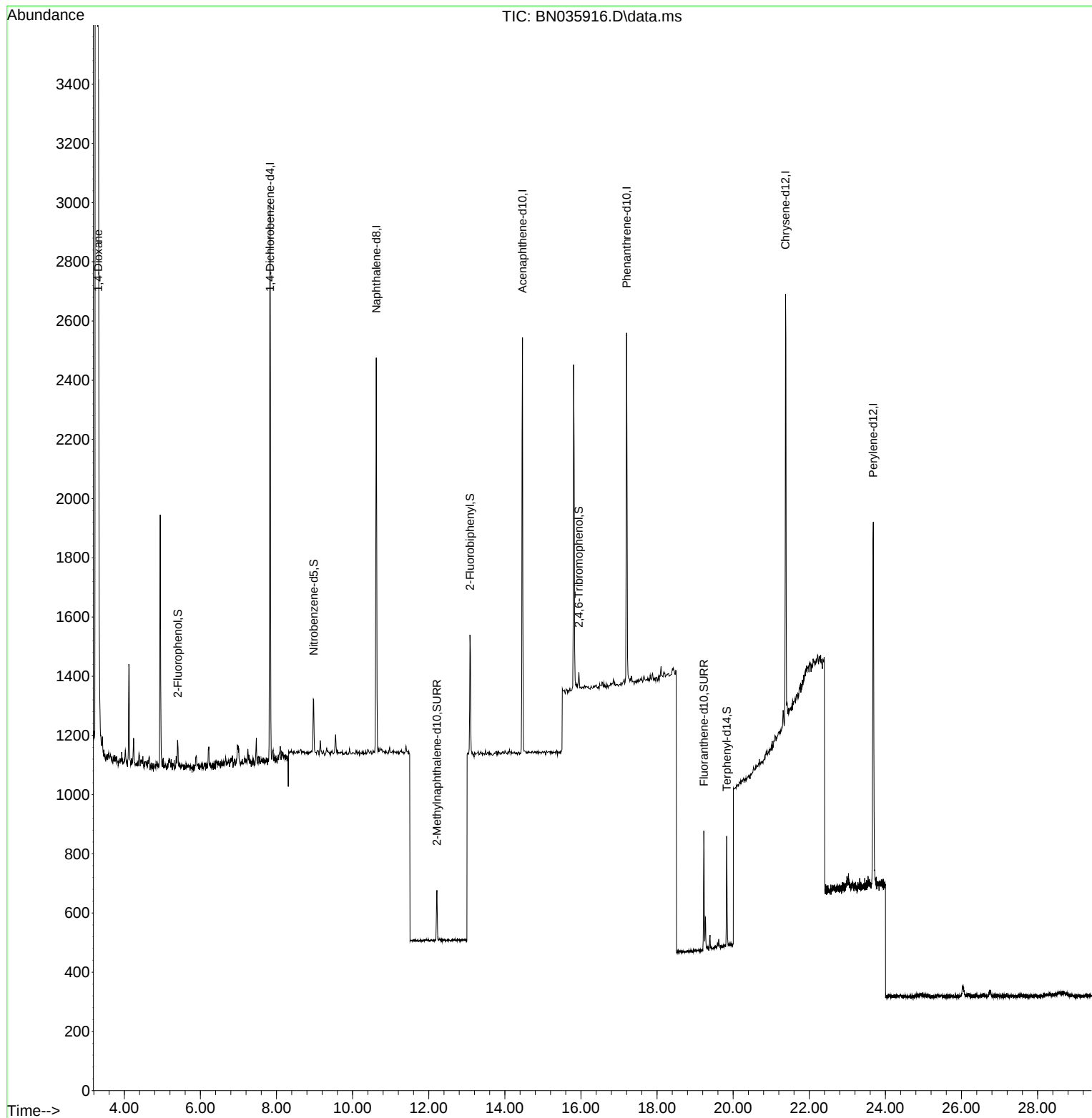
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	870	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1614	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	789	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1568	0.400	ng	#-0.01
29) Chrysene-d12	21.376	240	1407	0.400	ng	# 0.00
35) Perylene-d12	23.681	264	1618	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	74	0.035	ng	0.00
5) Phenol-d6	6.979	99	49	0.018	ng	0.00
8) Nitrobenzene-d5	8.977	82	151	0.118	ng	0.00
11) 2-Methylnaphthalene-d10	12.213	152	217	0.100	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	28	0.074	ng	-0.01
15) 2-Fluorobiphenyl	13.084	172	347	0.100	ng	0.00
27) Fluoranthene-d10	19.230	212	426	0.109	ng	0.00
31) Terphenyl-d14	19.829	244	345	0.123	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.318	88	1746	2.021	ng	Qvalue 96

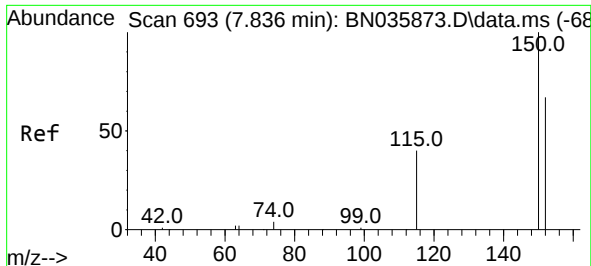
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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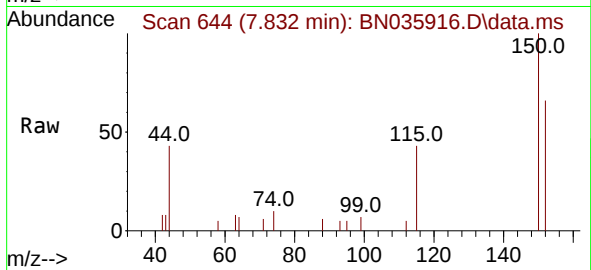
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



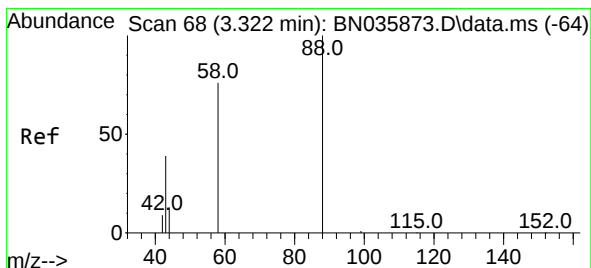
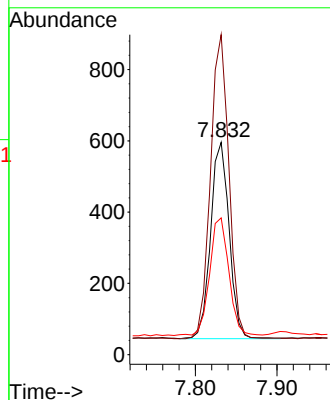
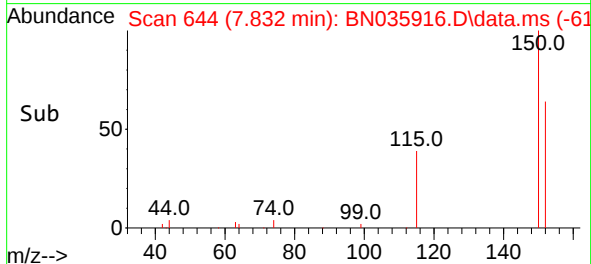


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.832 min Scan# 64
 Delta R.T. -0.004 min
 Lab File: BN035916.D
 Acq: 13 Jan 2025 11:20

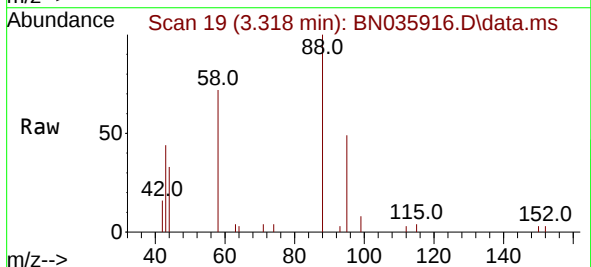
Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250108DL



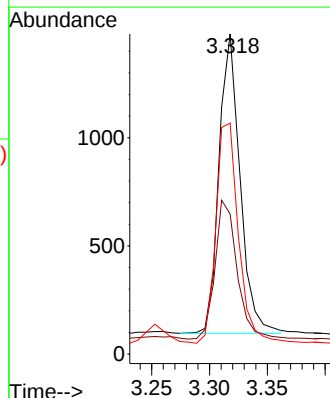
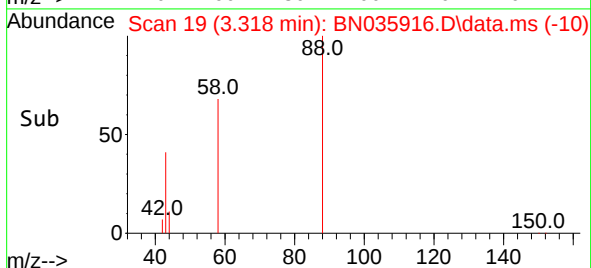
Tgt Ion:152 Resp: 870
 Ion Ratio Lower Upper
 152 100
 150 150.7 117.8 176.6
 115 64.4 51.0 76.4

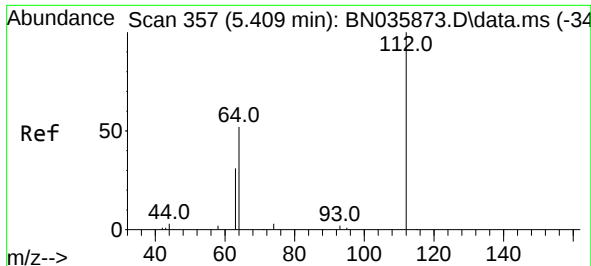


#2
 1,4-Dioxane
 Concen: 2.021 ng
 RT: 3.318 min Scan# 19
 Delta R.T. -0.004 min
 Lab File: BN035916.D
 Acq: 13 Jan 2025 11:20



Tgt Ion: 88 Resp: 1746
 Ion Ratio Lower Upper
 88 100
 43 48.7 32.7 49.1
 58 78.8 63.0 94.4

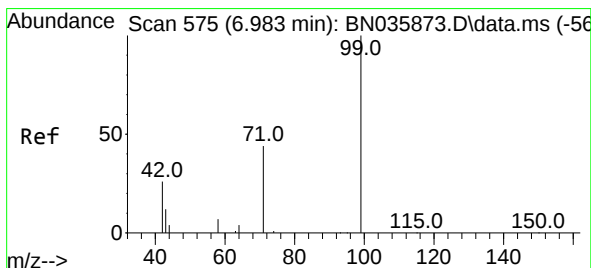
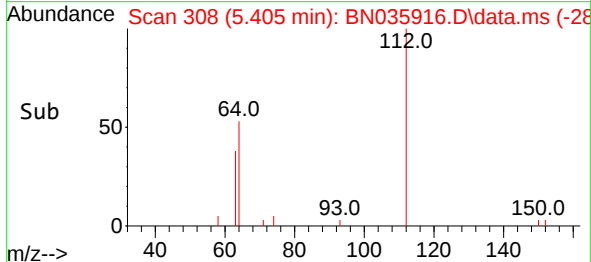
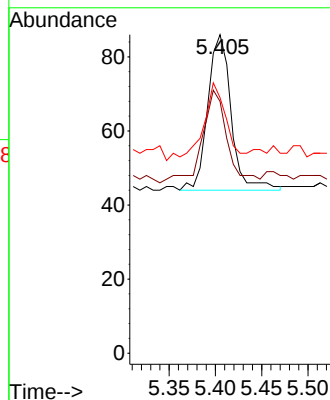
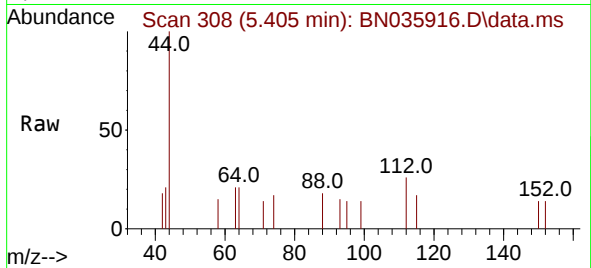




#4
2-Fluorophenol
Concen: 0.035 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

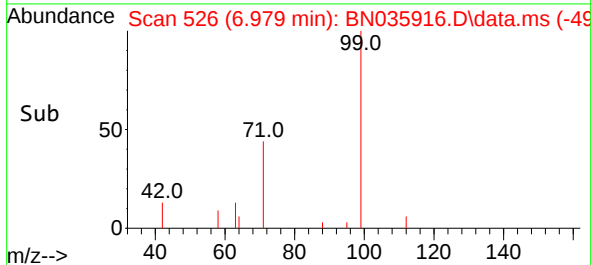
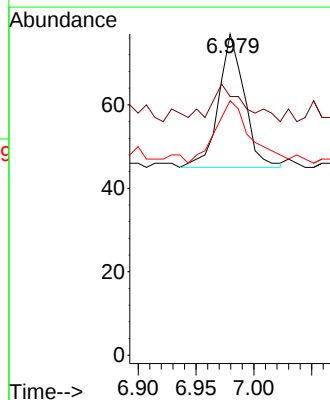
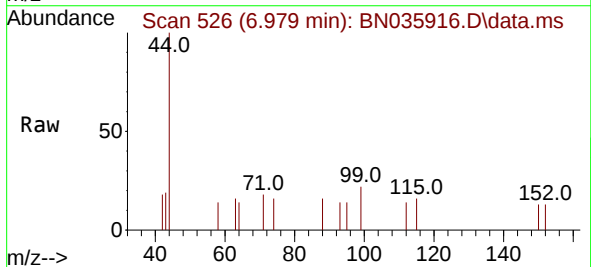
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250108DL

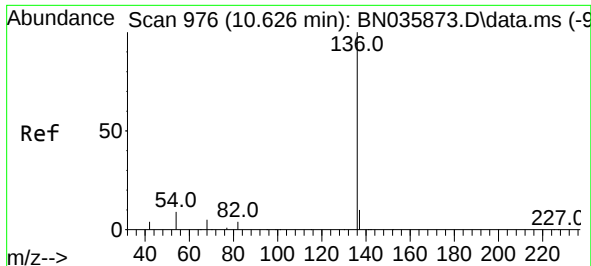
Tgt Ion:	112	Resp:	74
Ion	Ratio	Lower	Upper
112	100		
64	62.2	48.2	72.2
63	41.9	30.0	45.0



#5
Phenol-d6
Concen: 0.018 ng
RT: 6.979 min Scan# 526
Delta R.T. -0.004 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

Tgt Ion:	99	Resp:	49
Ion	Ratio	Lower	Upper
99	100		
42	40.8	23.5	35.3#
71	67.3	35.5	53.3#

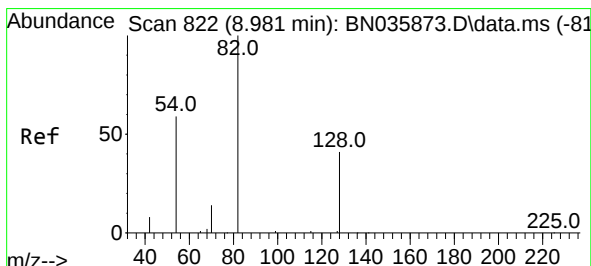
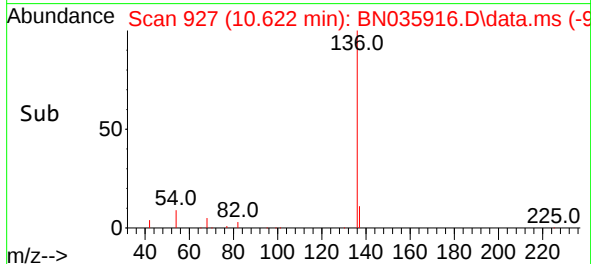
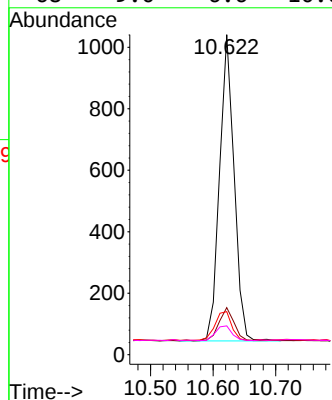
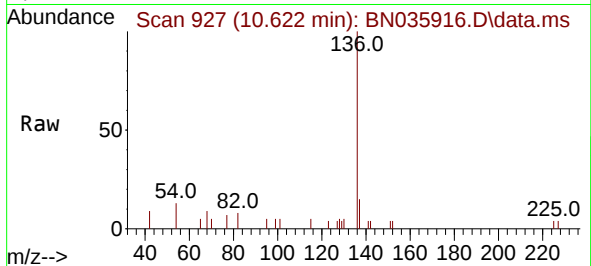




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 91
Delta R.T. -0.004 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

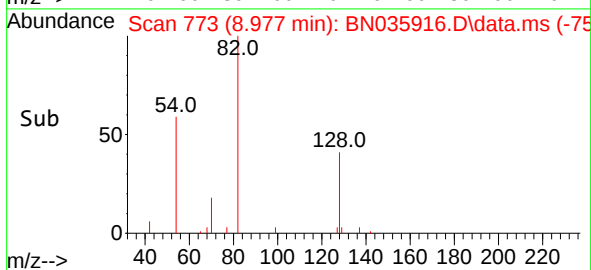
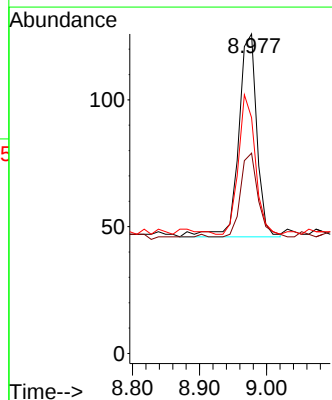
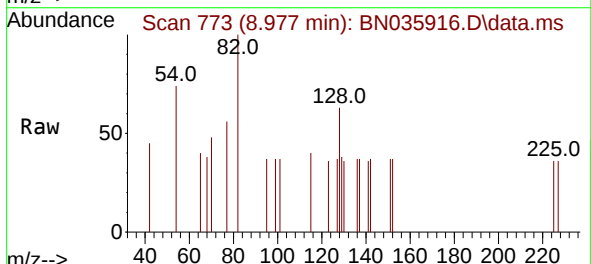
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250108DL

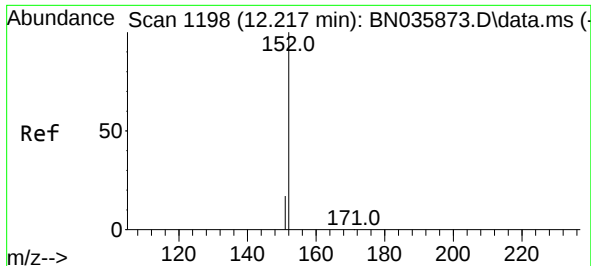
Tgt Ion:136	Resp:	1614
Ion Ratio	Lower	Upper
136	100	
137	14.7	10.6 15.8
54	13.4	9.8 14.6
68	9.0	6.6 10.0



#8
Nitrobenzene-d5
Concen: 0.118 ng
RT: 8.977 min Scan# 773
Delta R.T. -0.004 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

Tgt Ion: 82	Resp:	151
Ion Ratio	Lower	Upper
82	100	
128	62.7	36.9 55.3#
54	73.8	50.4 75.6

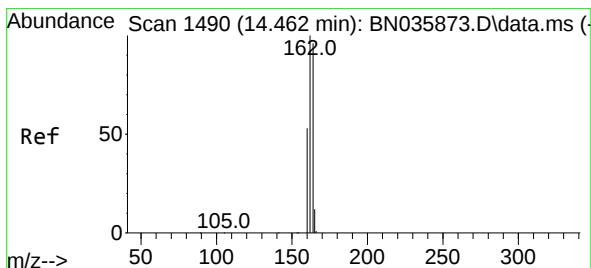
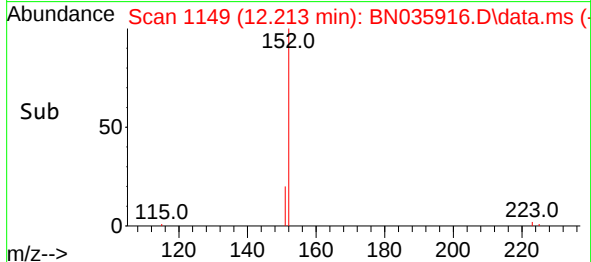
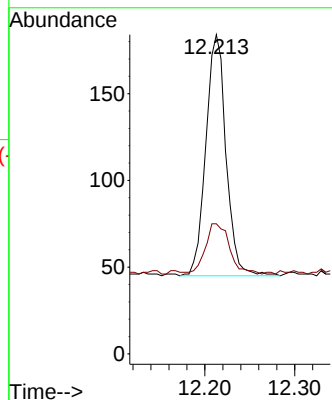
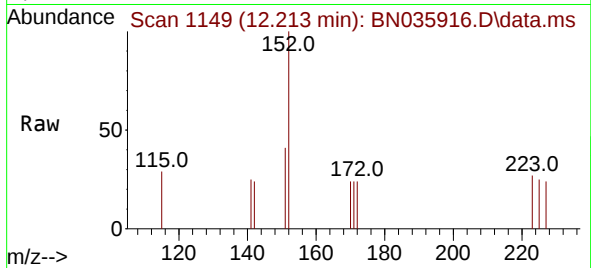




#11
2-Methylnaphthalene-d10
Concen: 0.100 ng
RT: 12.213 min Scan# 1198
Delta R.T. -0.004 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

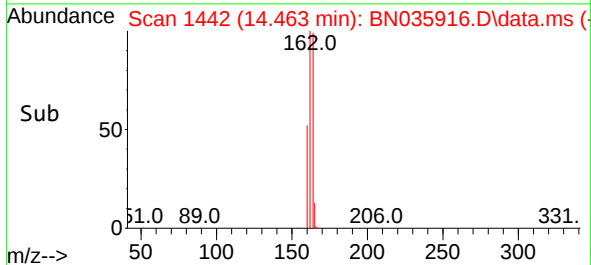
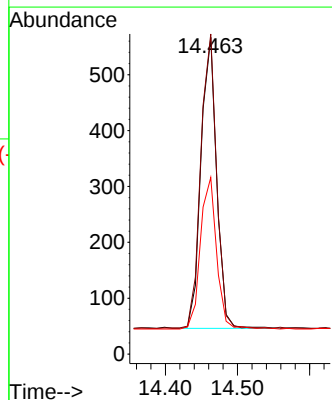
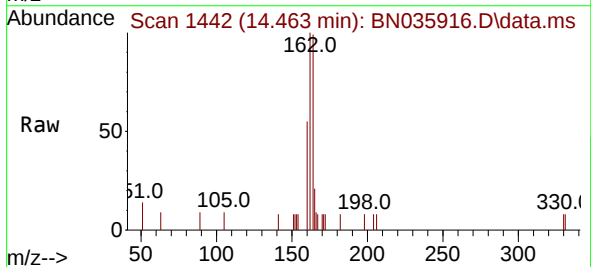
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250108DL

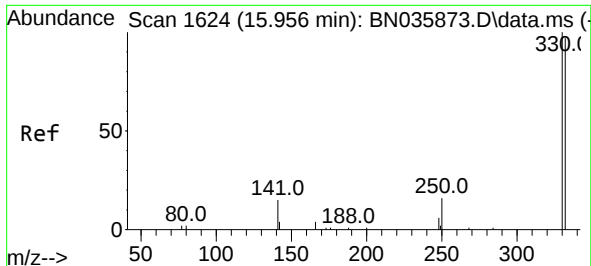
Tgt Ion:152 Resp: 217
Ion Ratio Lower Upper
152 100
151 24.9 17.0 25.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 1442
Delta R.T. 0.001 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

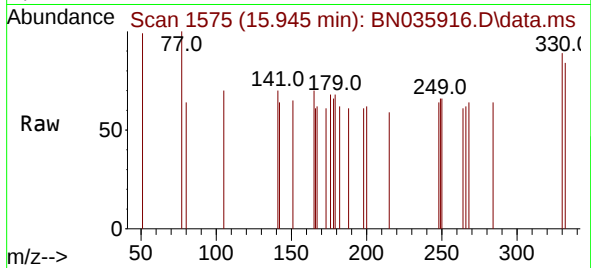
Tgt Ion:164 Resp: 789
Ion Ratio Lower Upper
164 100
162 101.1 83.1 124.7
160 55.7 46.0 69.0



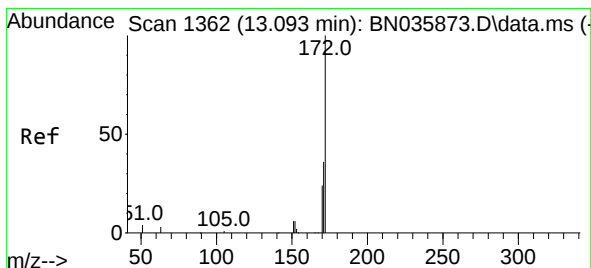
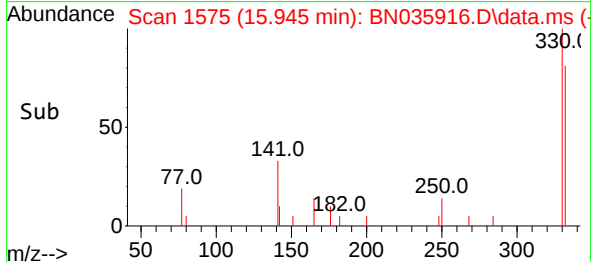
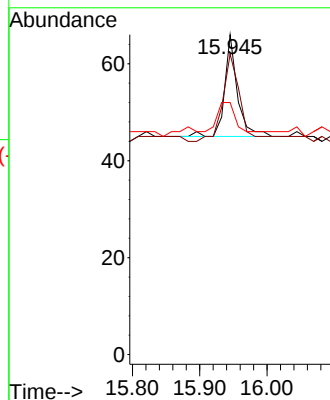


#14
2,4,6-Tribromophenol
Concen: 0.074 ng
RT: 15.945 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250108DL

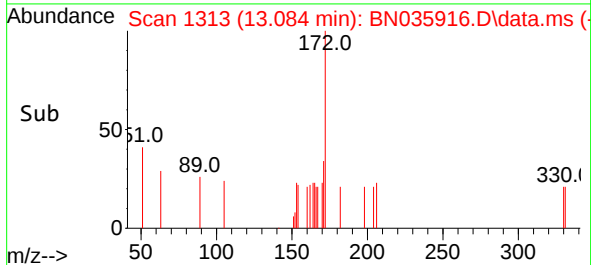
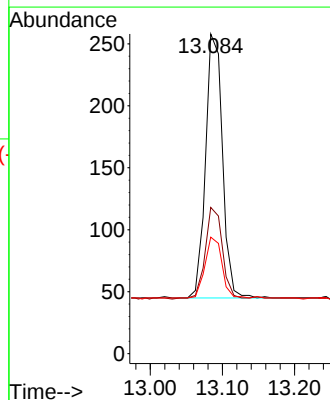
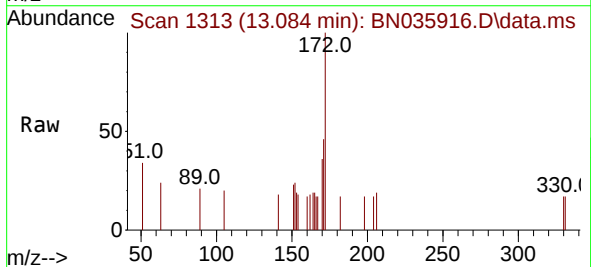


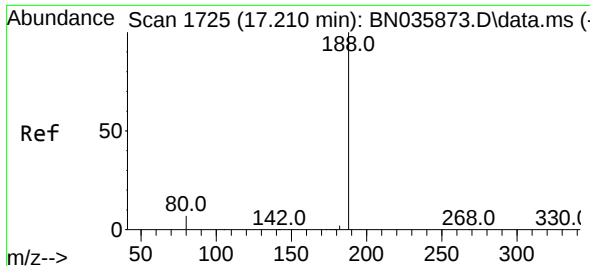
Tgt Ion:330 Resp: 28
Ion Ratio Lower Upper
330 100
332 110.7 77.2 115.8
141 46.4 31.6 47.4



#15
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 13.084 min Scan# 1313
Delta R.T. -0.010 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

Tgt Ion:172 Resp: 347
Ion Ratio Lower Upper
172 100
171 45.7 30.5 45.7#
170 36.4 20.8 31.2#

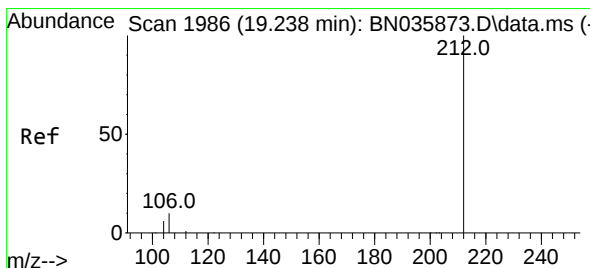
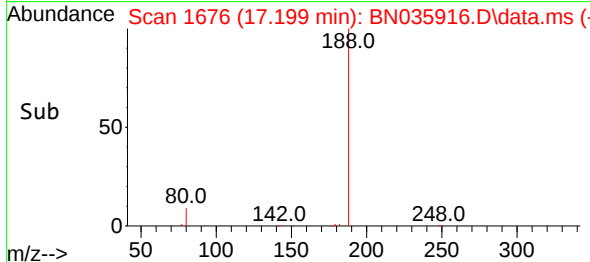
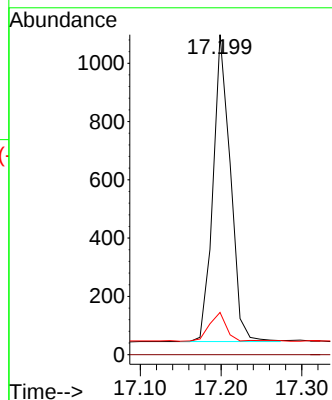
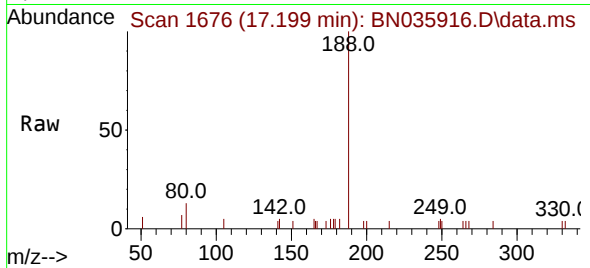




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.199 min Scan# 11
Delta R.T. -0.011 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

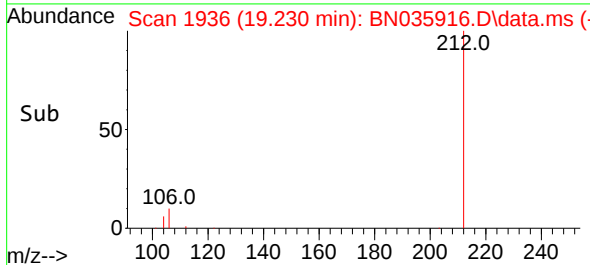
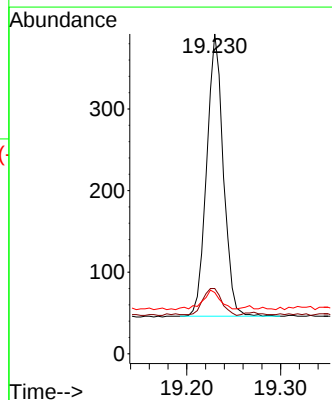
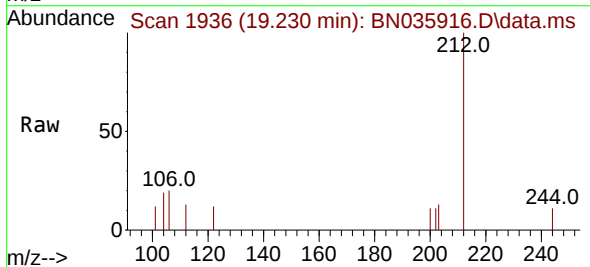
Instrument :
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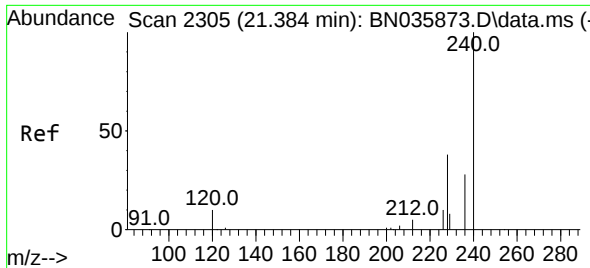
Tgt Ion:188 Resp: 1568
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.2 7.3 10.9#



#27
Fluoranthene-d10
Concen: 0.109 ng
RT: 19.230 min Scan# 1936
Delta R.T. -0.008 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

Tgt Ion:212 Resp: 426
Ion Ratio Lower Upper
212 100
106 10.8 9.0 13.6
104 7.3 5.4 8.2

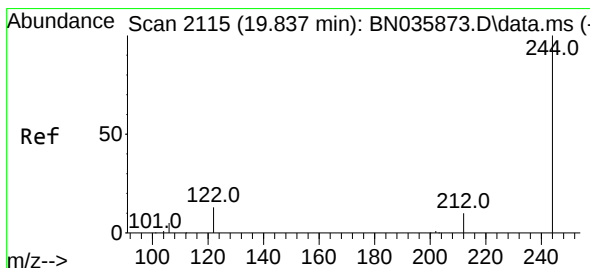
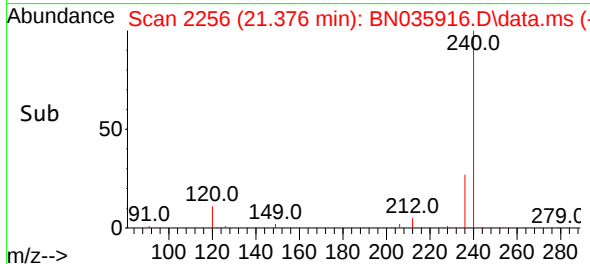
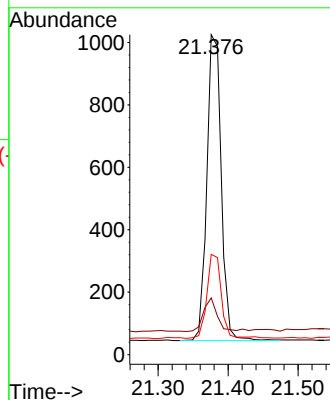
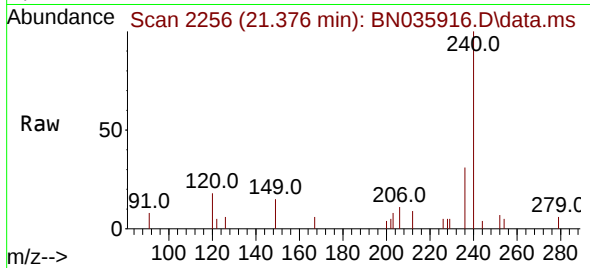




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2137
Delta R.T. -0.008 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

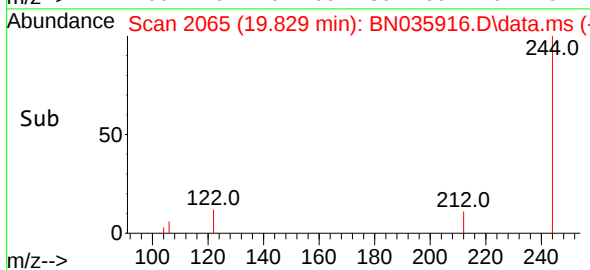
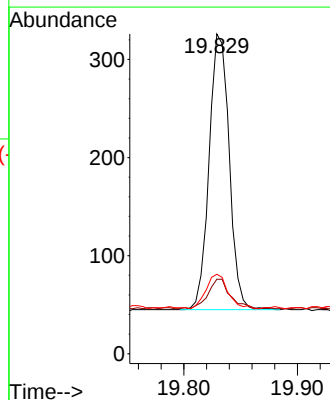
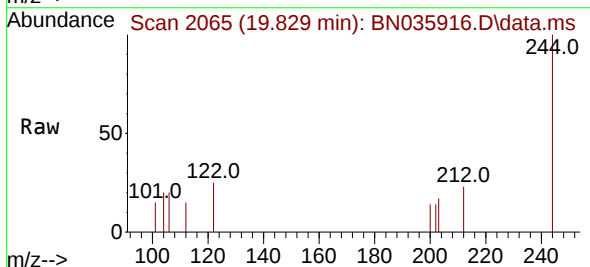
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-20250108DL

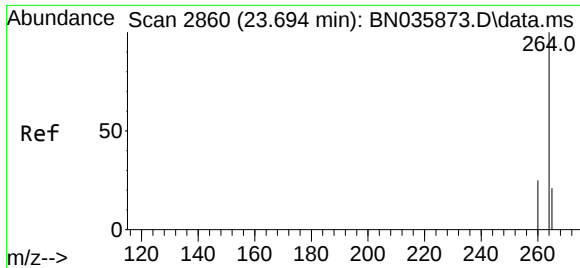
Tgt Ion:240 Resp: 1407
Ion Ratio Lower Upper
240 100
120 17.8 11.1 16.7#
236 31.3 24.6 36.8



#31
Terphenyl-d14
Concen: 0.123 ng
RT: 19.829 min Scan# 2065
Delta R.T. -0.008 min
Lab File: BN035916.D
Acq: 13 Jan 2025 11:20

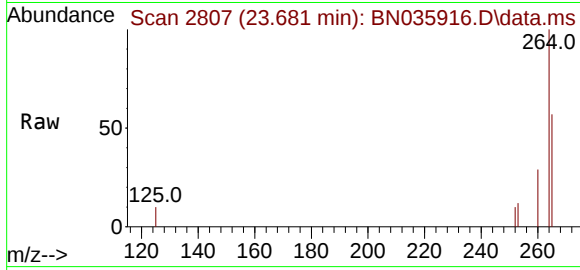
Tgt Ion:244 Resp: 345
Ion Ratio Lower Upper
244 100
212 23.3 10.1 15.1#
122 24.8 12.2 18.4#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.681 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BN035916.D
 Acq: 13 Jan 2025 11:20

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-20250108DL



Tgt Ion:264 Resp: 1618

Ion	Ratio	Lower	Upper
264	100		
260	29.2	21.7	32.5
265	57.5	33.9	50.9

