

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
 Data File : BN034841.D
 Acq On : 04 Nov 2024 16:07
 Operator : RC/JU
 Sample : P4652-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP301-303-50-20241030

Quant Time: Nov 04 17:38:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 30 13:28:24 2024
 Response via : Initial Calibration

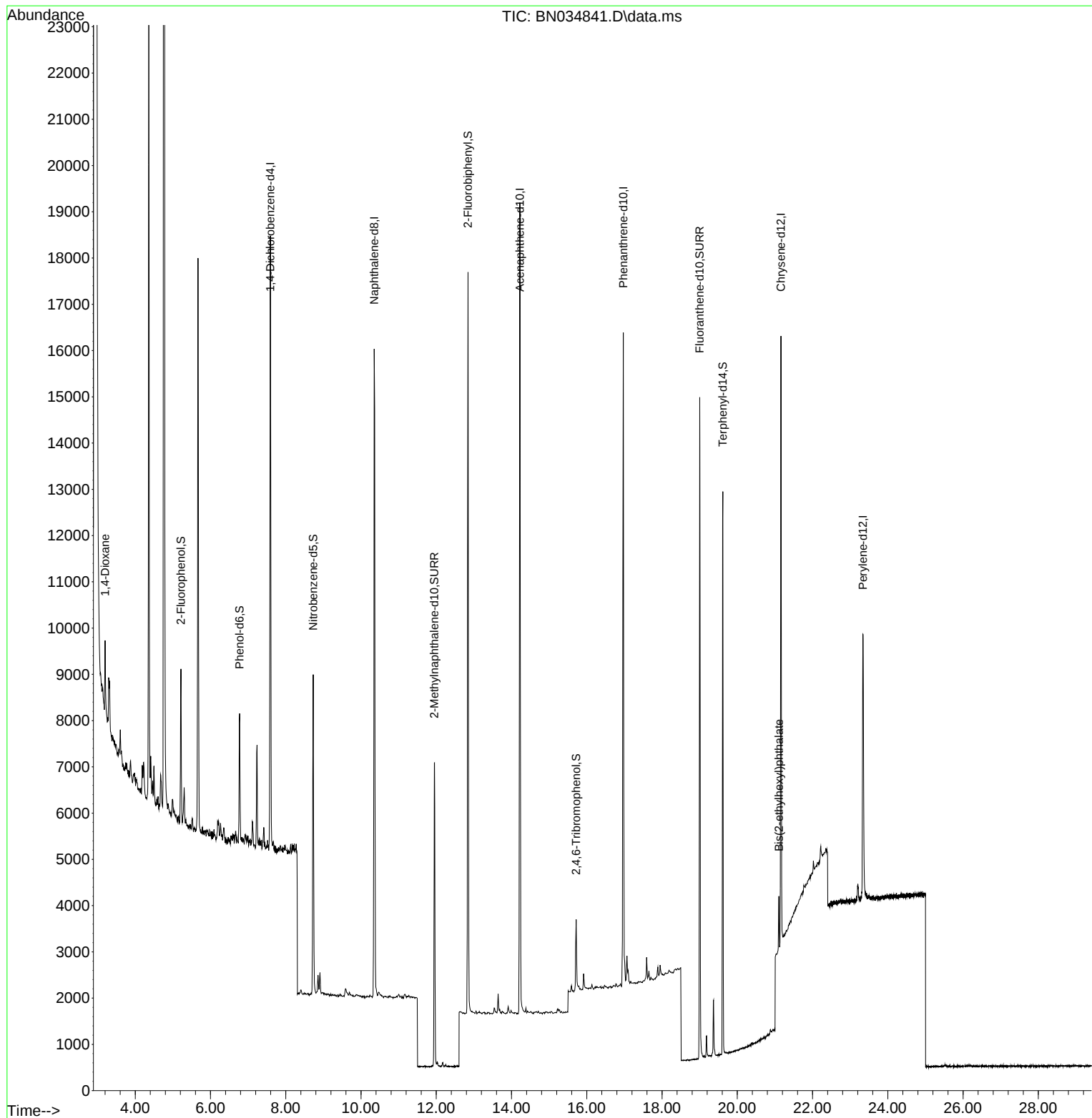
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	6316	0.400	ng	-0.01
7) Naphthalene-d8	10.351	136	18825	0.400	ng	#-0.02
13) Acenaphthene-d10	14.222	164	9344	0.400	ng	-0.01
19) Phenanthrene-d10	16.970	188	18319	0.400	ng	-0.01
29) Chrysene-d12	21.160	240	10285	0.400	ng	#-0.02
35) Perylene-d12	23.341	264	7661	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	2482	0.130	ng	0.00
5) Phenol-d6	6.773	99	2470	0.099	ng	0.00
8) Nitrobenzene-d5	8.728	82	5255	0.355	ng	-0.01
11) 2-Methylnaphthalene-d10	11.950	152	8795	0.323	ng	-0.02
14) 2,4,6-Tribromophenol	15.716	330	857	0.186	ng	-0.01
15) 2-Fluorobiphenyl	12.843	172	13585	0.369	ng	-0.02
27) Fluoranthene-d10	19.001	212	13927	0.324	ng	-0.01
31) Terphenyl-d14	19.615	244	9820	0.445	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.198	88	924	0.133	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.107	149	1219	0.036	ng	# 91

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

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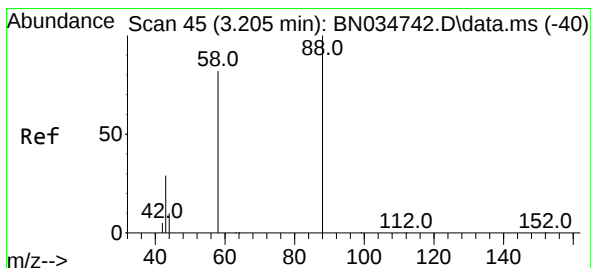
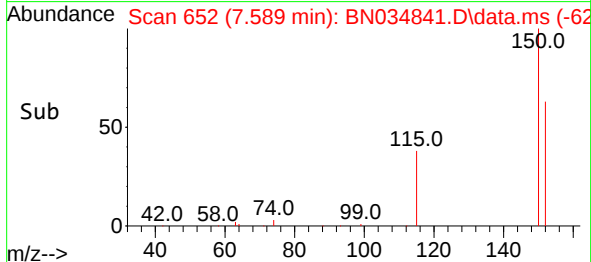
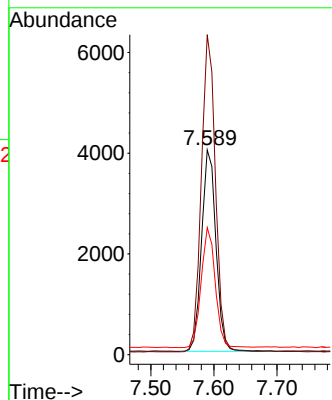
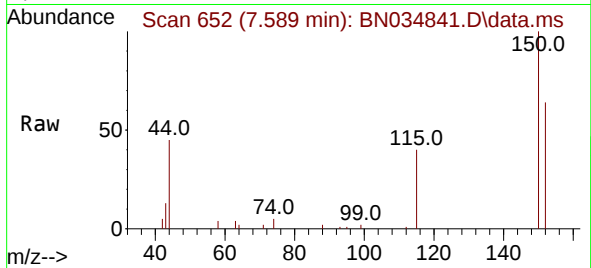




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 61
Delta R.T. -0.015 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07

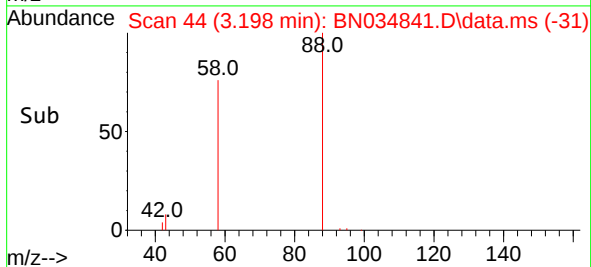
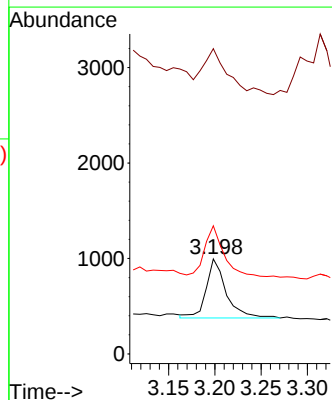
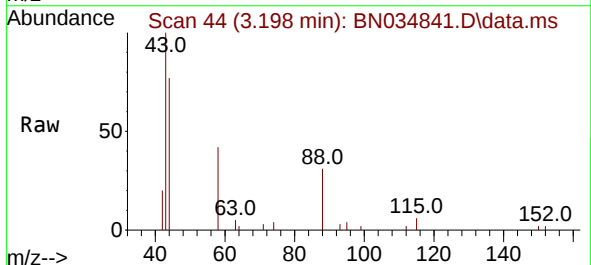
Instrument :
BNA_N
ClientSampleId :
RW5-SP301-303-50-20241030

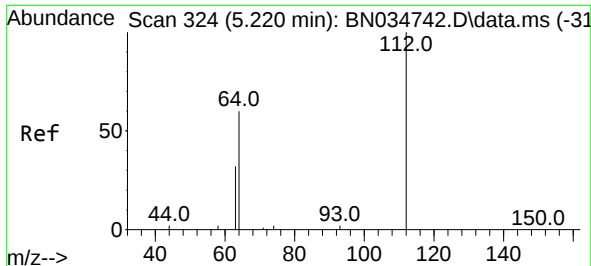
Tgt Ion:152 Resp: 6316
Ion Ratio Lower Upper
152 100
150 156.3 124.9 187.3
115 62.1 50.2 75.2



#2
1,4-Dioxane
Concen: 0.133 ng
RT: 3.198 min Scan# 44
Delta R.T. -0.007 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07

Tgt Ion: 88 Resp: 924
Ion Ratio Lower Upper
88 100
43 97.8 26.7 40.1#
58 85.3 59.3 88.9

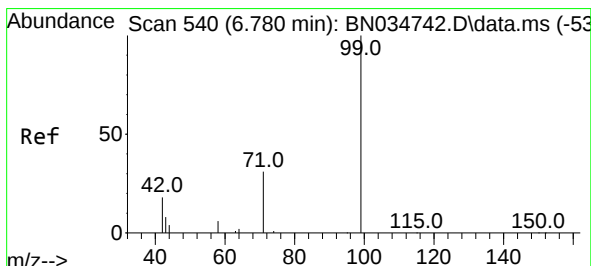
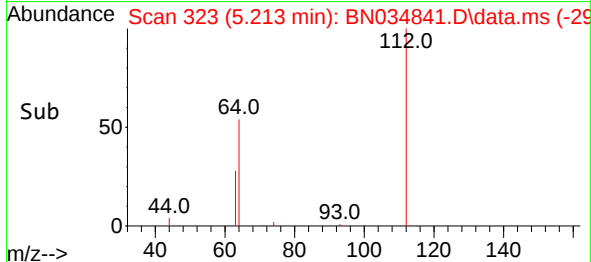
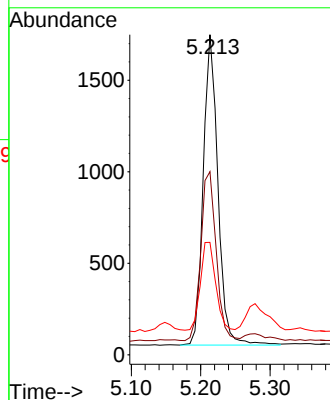
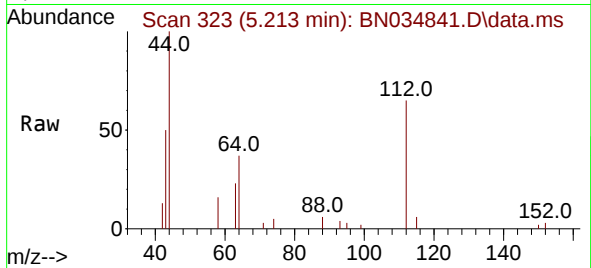




#4
2-Fluorophenol
Concen: 0.130 ng
RT: 5.213 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07

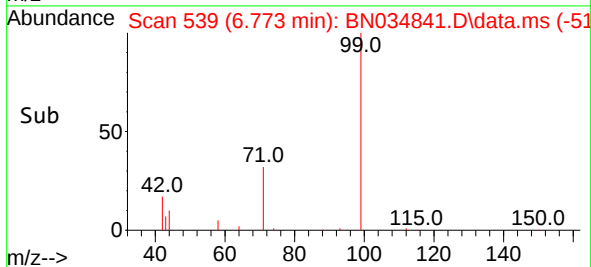
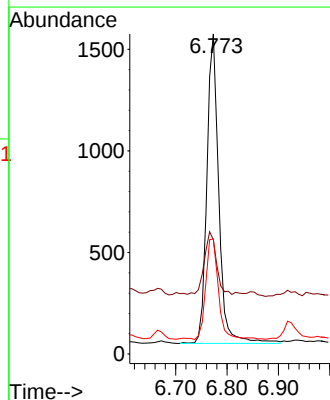
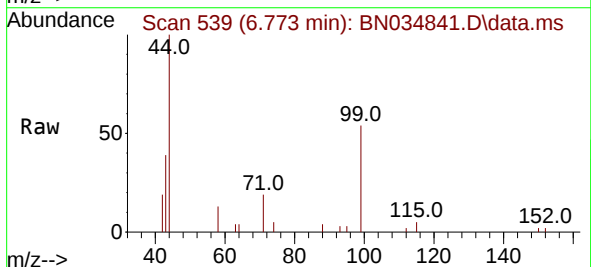
Instrument :
BNA_N
ClientSampleId :
RW5-SP301-303-50-20241030

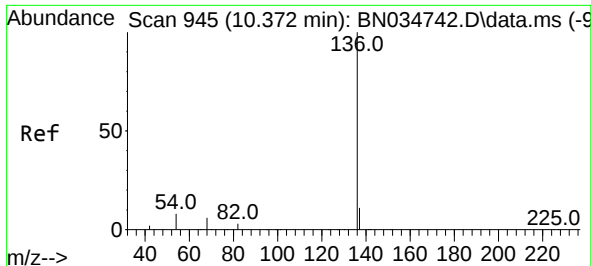
Tgt Ion:112 Resp: 2482
Ion Ratio Lower Upper
112 100
64 57.3 44.9 67.3
63 30.6 23.5 35.3



#5
Phenol-d6
Concen: 0.099 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.007 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07

Tgt Ion: 99 Resp: 2470
Ion Ratio Lower Upper
99 100
42 20.2 15.9 23.9
71 34.9 24.3 36.5

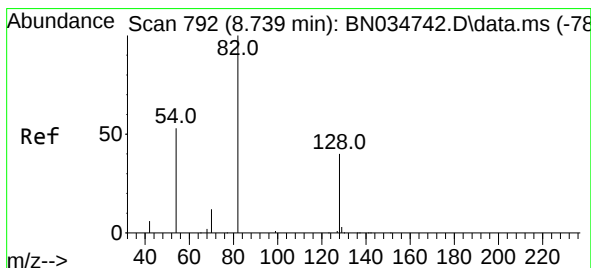
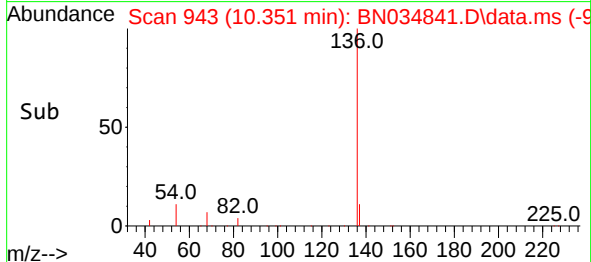
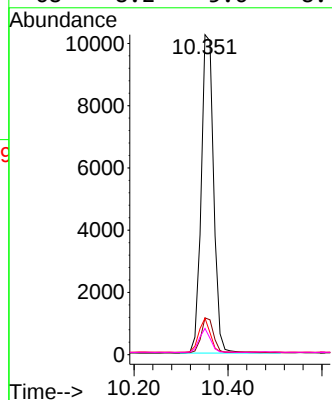
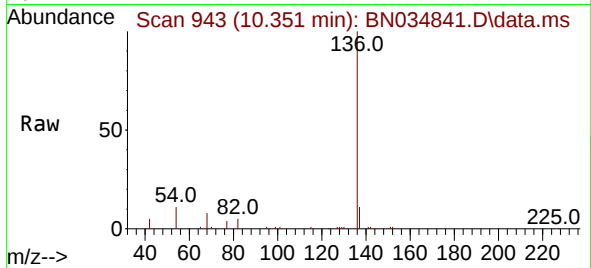




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07

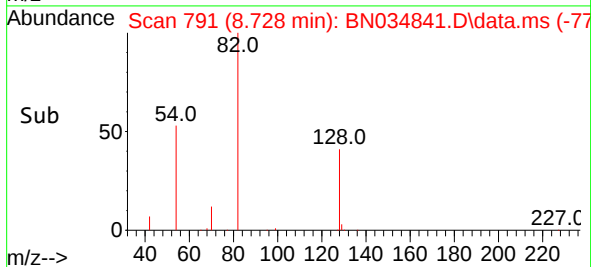
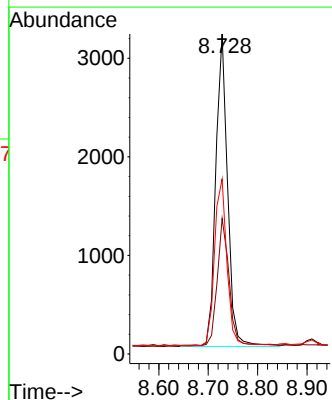
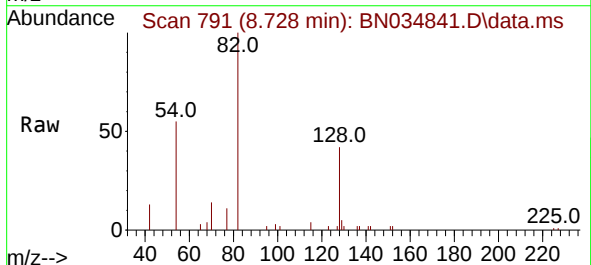
Instrument :
BNA_N
ClientSampleId :
RW5-SP301-303-50-20241030

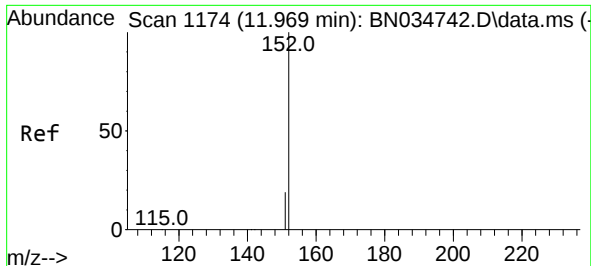
Tgt Ion:136	Resp:	18825
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.2 13.8
54	11.4	7.0 10.4
68	8.2	5.6 8.4



#8
Nitrobenzene-d5
Concen: 0.355 ng
RT: 8.728 min Scan# 791
Delta R.T. -0.011 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07

Tgt Ion: 82	Resp:	5255
Ion Ratio	Lower	Upper
82	100	
128	42.4	33.7 50.5
54	54.7	44.4 66.6

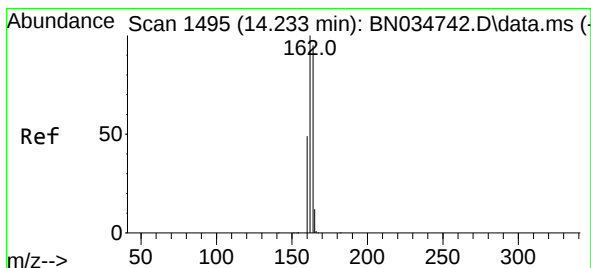
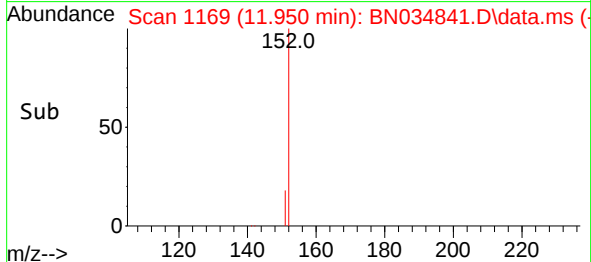
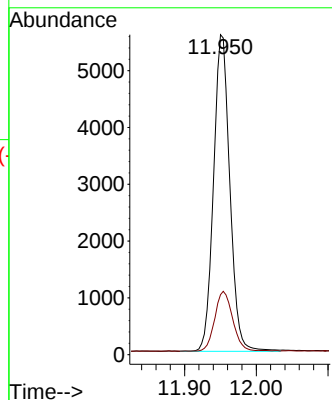
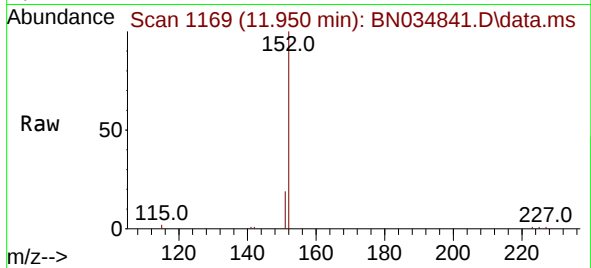




#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 11.950 min Scan# 1174
Delta R.T. -0.019 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07

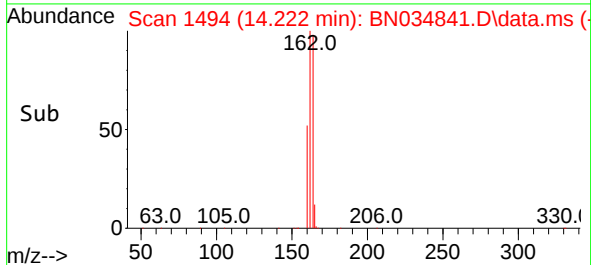
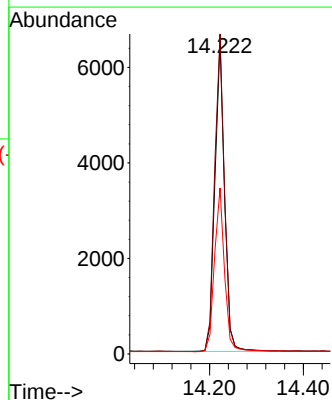
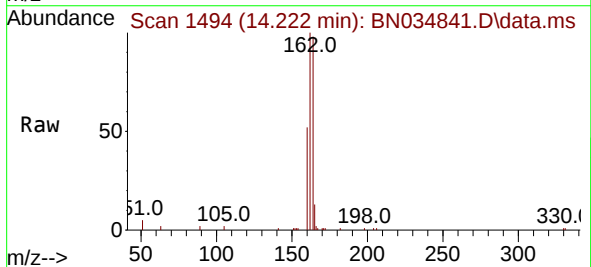
Instrument :
BNA_N
ClientSampleId :
RW5-SP301-303-50-20241030

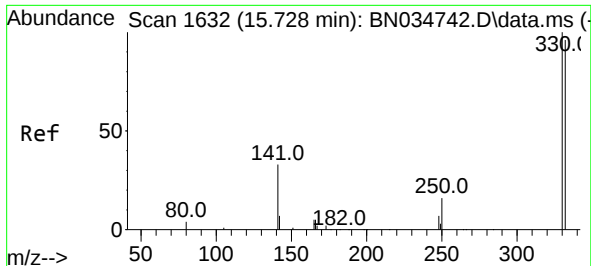
Tgt Ion:152 Resp: 8795
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.222 min Scan# 1494
Delta R.T. -0.011 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07

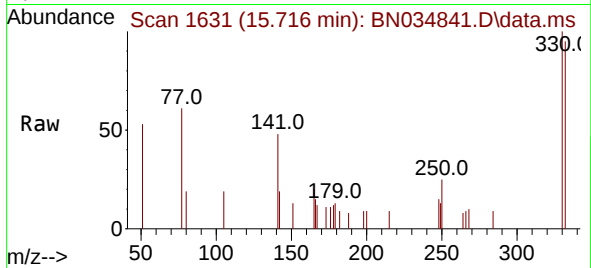
Tgt Ion:164 Resp: 9344
Ion Ratio Lower Upper
164 100
162 102.1 84.3 126.5
160 53.0 41.7 62.5



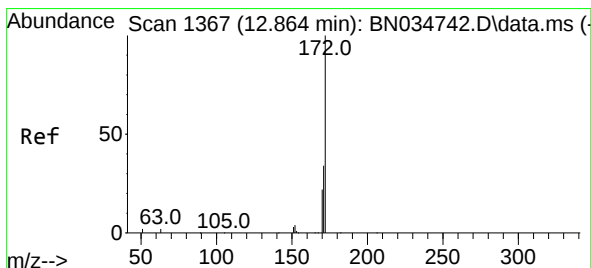
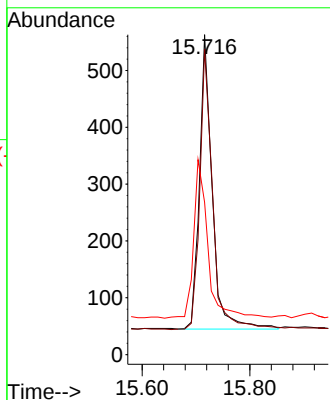
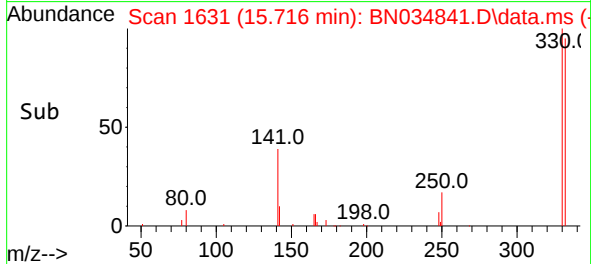


#14
2,4,6-Tribromophenol
Concen: 0.186 ng
RT: 15.716 min Scan# 1631
Delta R.T. -0.012 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07

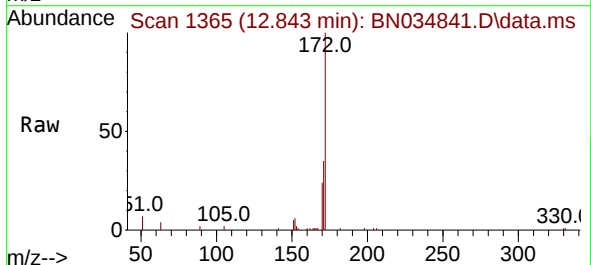
Instrument :
BNA_N
ClientSampleId :
RW5-SP301-303-50-20241030



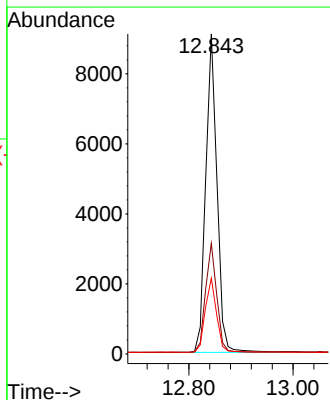
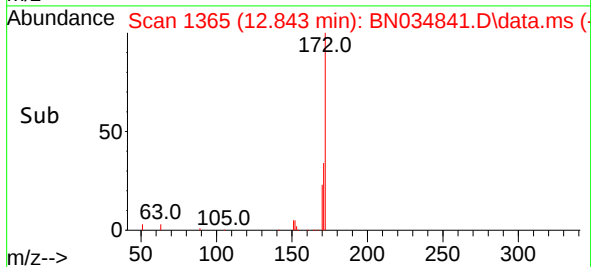
Tgt Ion: 330 Resp: 857
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.6
141 60.1 41.0 61.4

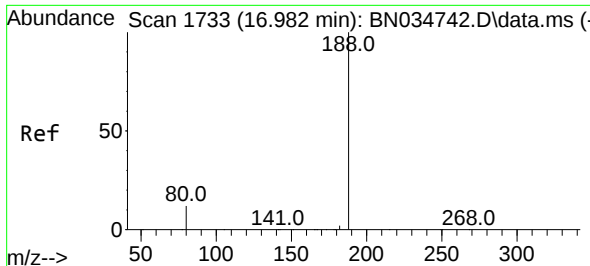


#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.843 min Scan# 1365
Delta R.T. -0.021 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07



Tgt Ion: 172 Resp: 13585
Ion Ratio Lower Upper
172 100
171 34.6 27.2 40.8
170 23.6 18.0 27.0

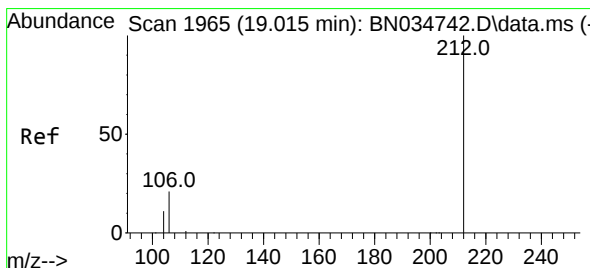
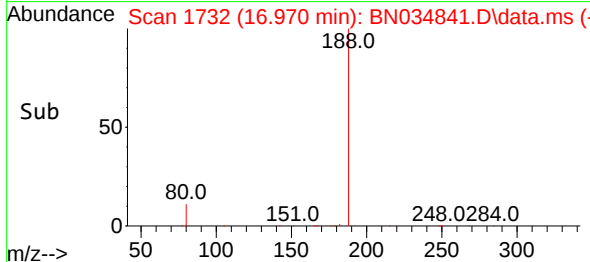
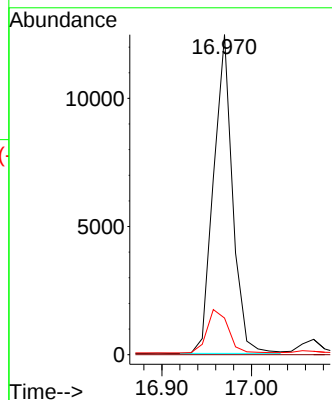
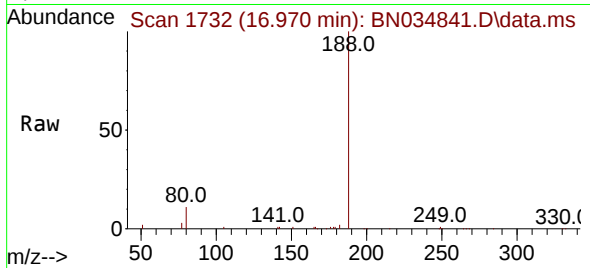




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 1732
Delta R.T. -0.012 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07

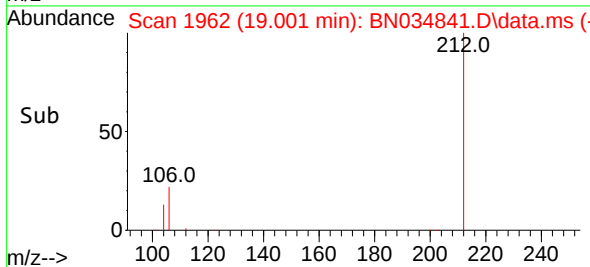
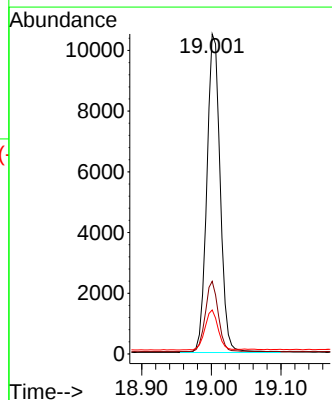
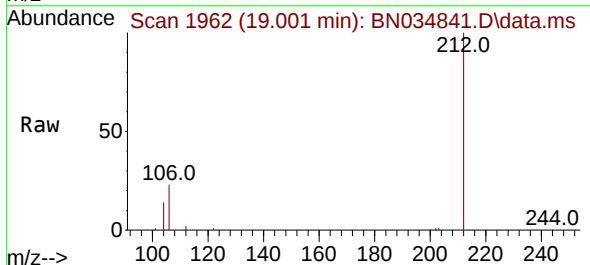
Instrument :
BNA_N
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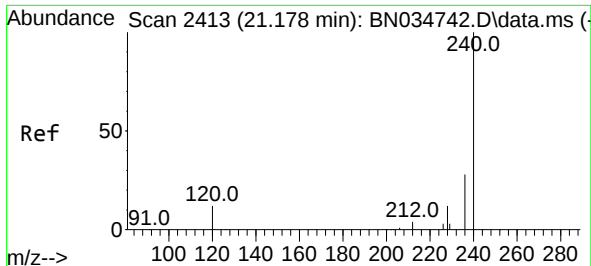
Tgt Ion:188 Resp: 18319
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.5 9.8 14.6



#27
Fluoranthene-d10
Concen: 0.324 ng
RT: 19.001 min Scan# 1962
Delta R.T. -0.014 min
Lab File: BN034841.D
Acq: 04 Nov 2024 16:07

Tgt Ion:212 Resp: 13927
Ion Ratio Lower Upper
212 100
106 21.6 16.1 24.1
104 12.4 9.2 13.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.160 min Scan# 2413

Delta R.T. -0.018 min

Lab File: BN034841.D

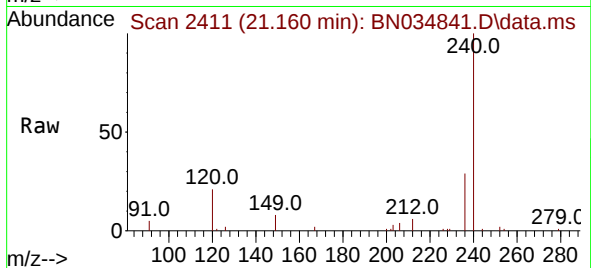
Acq: 04 Nov 2024 16:07

Instrument :

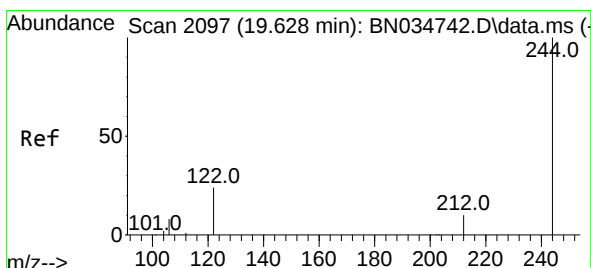
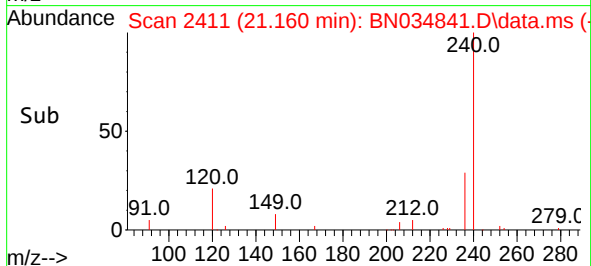
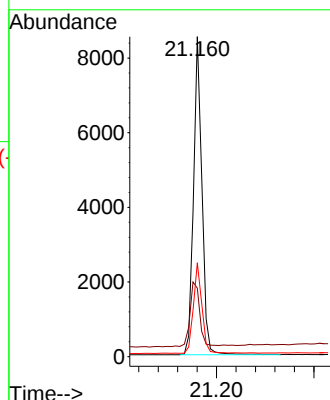
BNA_N

ClientSampleId :

RW5-SP301-303-50-20241030



Tgt Ion:	240	Resp:	10285
Ion Ratio	Lower	Upper	
240	100		
120	21.4	11.5	17.3#
236	29.3	23.2	34.8



#31

Terphenyl-d14

Concen: 0.445 ng

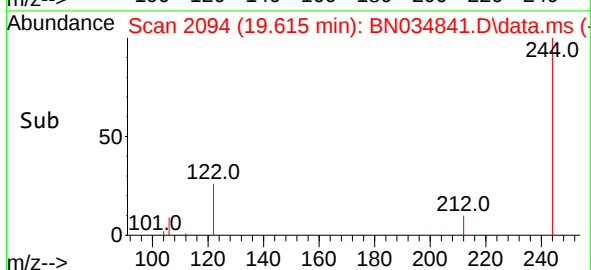
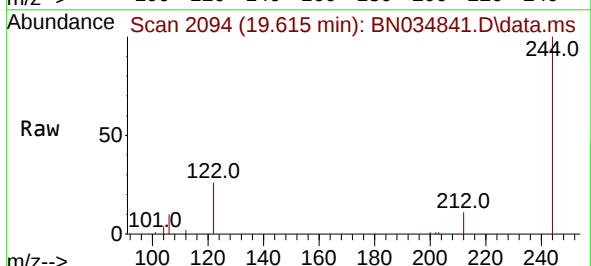
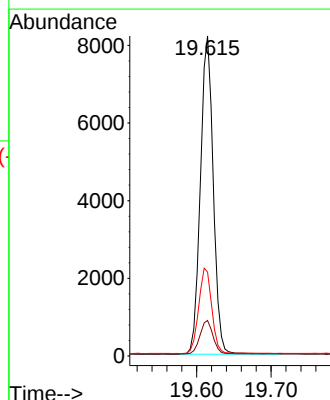
RT: 19.615 min Scan# 2094

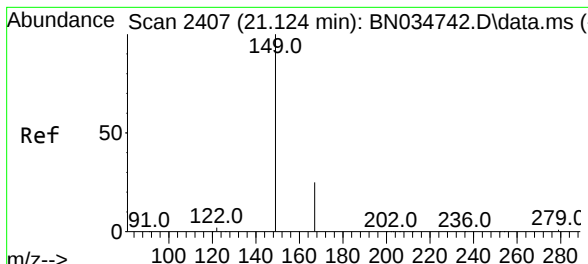
Delta R.T. -0.014 min

Lab File: BN034841.D

Acq: 04 Nov 2024 16:07

Tgt Ion:	244	Resp:	9820
Ion Ratio	Lower	Upper	
244	100		
212	11.1	8.2	12.4
122	26.2	19.8	29.6

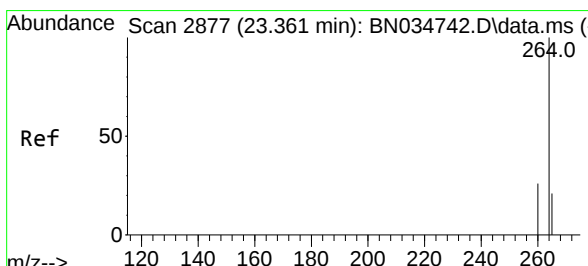
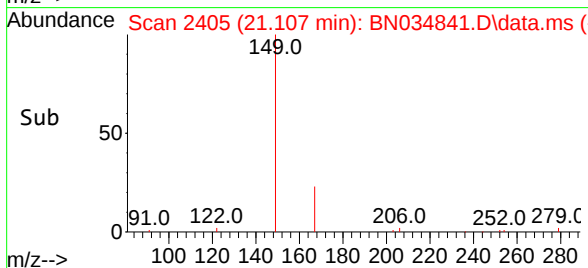
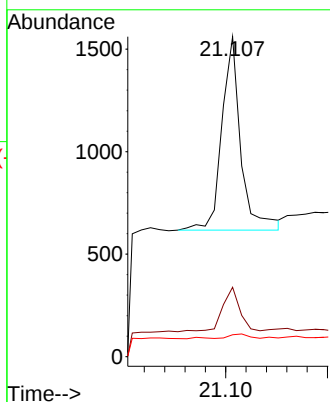
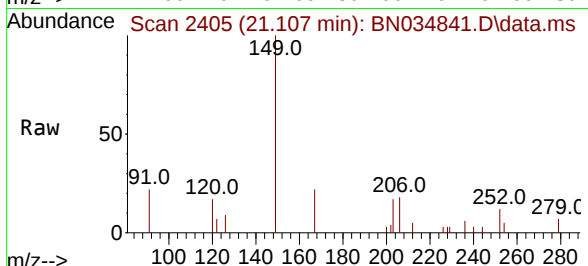




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.036 ng
 RT: 21.107 min Scan# 2405
 Delta R.T. -0.018 min
 Lab File: BN034841.D
 Acq: 04 Nov 2024 16:07

Instrument : BNA_N
 ClientSampleId : RW5-SP301-303-50-20241030

Tgt Ion:	149	Resp:	1219
Ion Ratio	Lower	Upper	
149	100		
167	21.0	20.6	30.8
279	2.3	1.5	2.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.341 min Scan# 2870
 Delta R.T. -0.020 min
 Lab File: BN034841.D
 Acq: 04 Nov 2024 16:07

Tgt Ion:	264	Resp:	7661
Ion Ratio	Lower	Upper	
264	100		
260	28.1	21.5	32.3
265	81.7	47.5	71.3#

