

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
 Data File : BN034842.D
 Acq On : 04 Nov 2024 16:43
 Operator : RC/JU
 Sample : P4652-01DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-50-20241030DL

Quant Time: Nov 04 17:45:01 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)

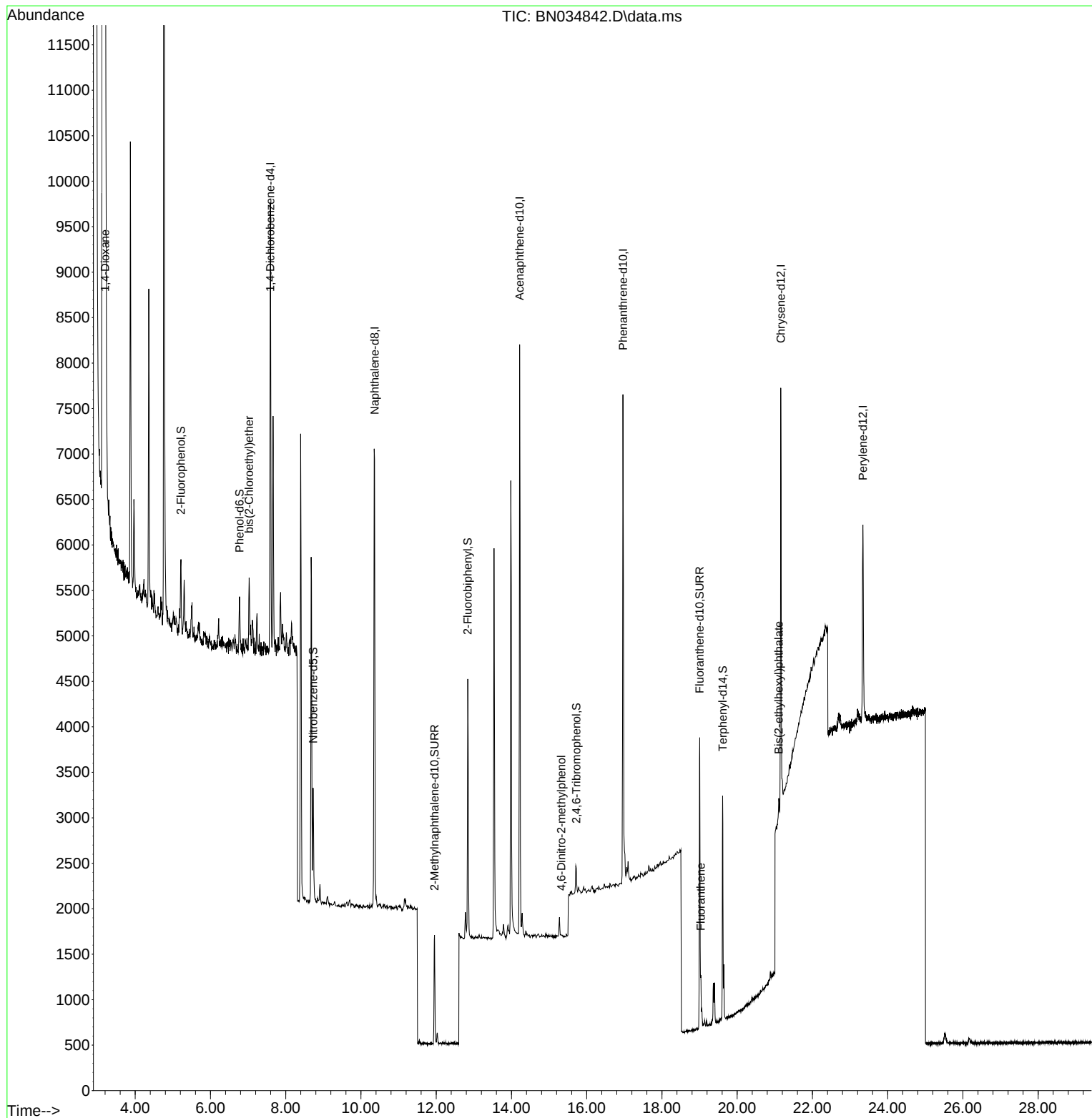
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	2324	0.400	ng	-0.01
7) Naphthalene-d8	10.362	136	7023	0.400	ng	-0.01
13) Acenaphthene-d10	14.219	164	3514	0.400	ng	-0.01
19) Phenanthrene-d10	16.964	188	7039	0.400	ng	#-0.02
29) Chrysene-d12	21.158	240	3897	0.400	ng	#-0.02
35) Perylene-d12	23.342	264	3011	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	641	0.091	ng	0.00
5) Phenol-d6	6.773	99	560	0.061	ng	0.00
8) Nitrobenzene-d5	8.728	82	983	0.178	ng	-0.01
11) 2-Methylnaphthalene-d10	11.954	152	1633	0.161	ng	-0.01
14) 2,4,6-Tribromophenol	15.723	330	202	0.116	ng	0.00
15) 2-Fluorobiphenyl	12.839	172	2495	0.180	ng	-0.02
27) Fluoranthene-d10	19.004	212	3248	0.197	ng	-0.01
31) Terphenyl-d14	19.612	244	1920	0.229	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.198	88	10305	4.045	ng	93
6) bis(2-Chloroethyl)ether	7.026	93	214	0.032	ng	# 22
20) 4,6-Dinitro-2-methylph...	15.330	198	6	0.185	ng	# 1
28) Fluoranthene	19.032	202	457	0.020	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.104	149	371	0.029	ng	# 86

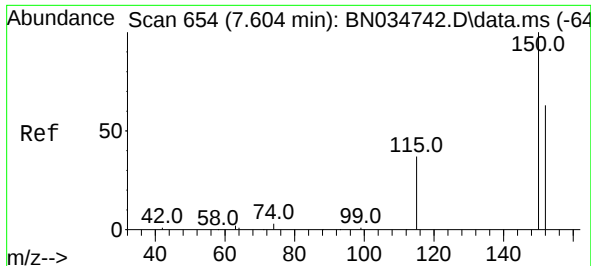
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
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RW5-SP100-50-20241030DL

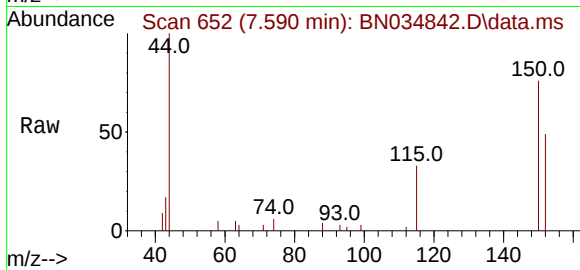
Quant Time: Nov 04 17:45:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
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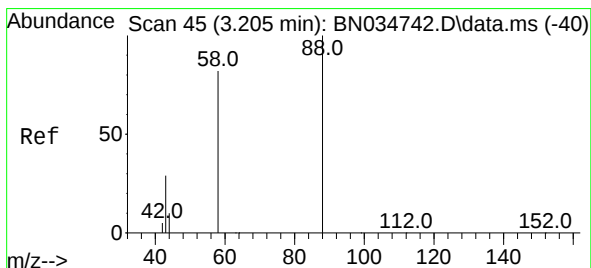
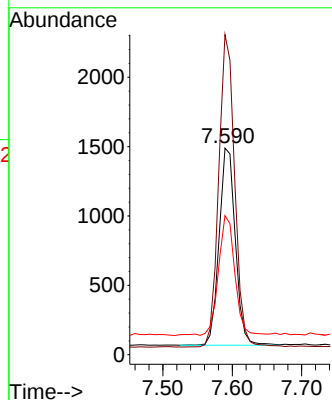
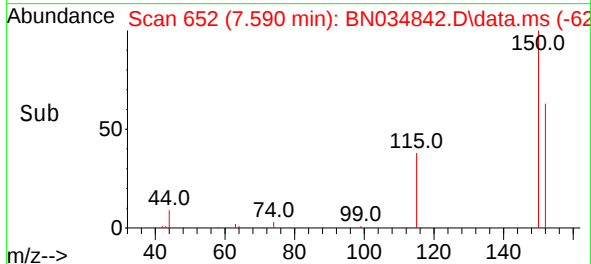


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.590 min Scan# 61
Delta R.T. -0.014 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-50-20241030DL

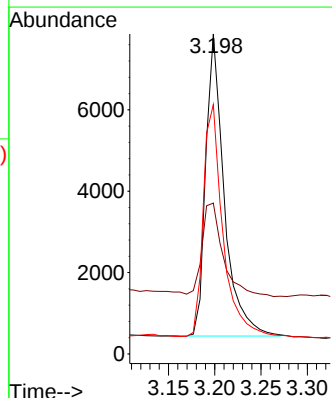
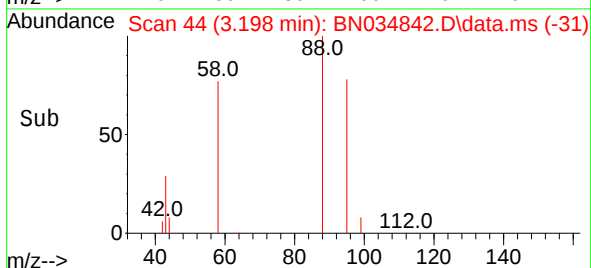
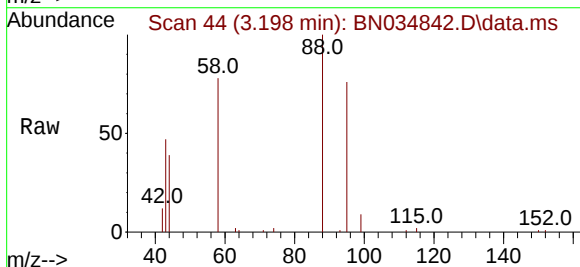


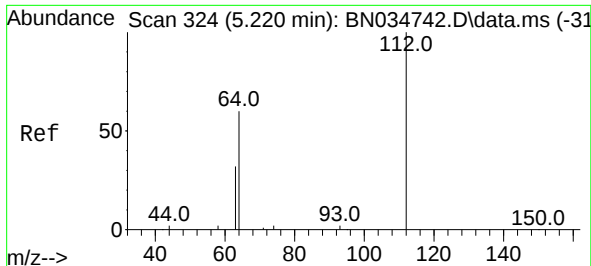
Tgt Ion:152 Resp: 2324
Ion Ratio Lower Upper
152 100
150 154.9 124.9 187.3
115 67.4 50.2 75.2



#2
1,4-Dioxane
Concen: 4.045 ng
RT: 3.198 min Scan# 44
Delta R.T. -0.007 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

Tgt Ion: 88 Resp: 10305
Ion Ratio Lower Upper
88 100
43 35.3 26.7 40.1
58 81.2 59.3 88.9





#4

2-Fluorophenol

Concen: 0.091 ng

RT: 5.213 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN034842.D

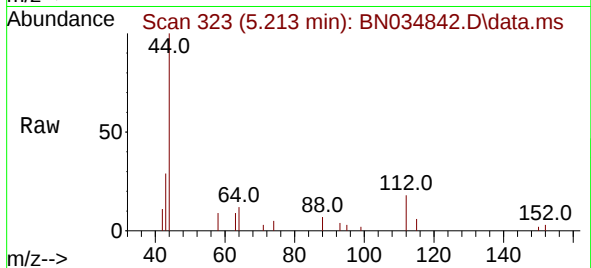
Acq: 04 Nov 2024 16:43

Instrument :

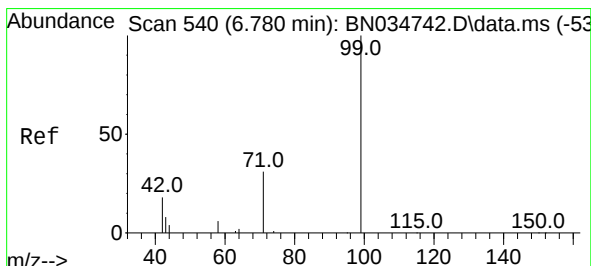
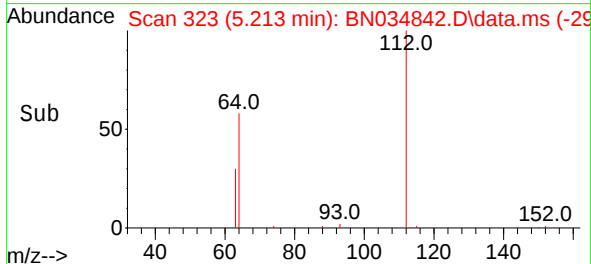
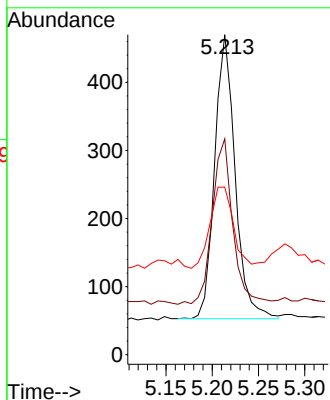
BNA_N

ClientSampleId :

RW5-SP100-50-20241030DL



Tgt Ion:	112	Resp:	641
Ion Ratio	Lower	Upper	
112	100		
64	58.7	44.9	67.3
63	32.4	23.5	35.3



#5

Phenol-d6

Concen: 0.061 ng

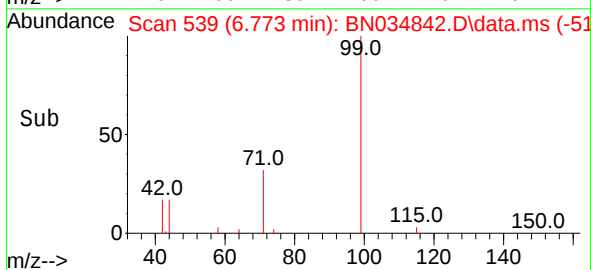
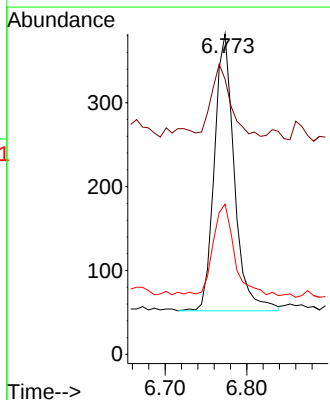
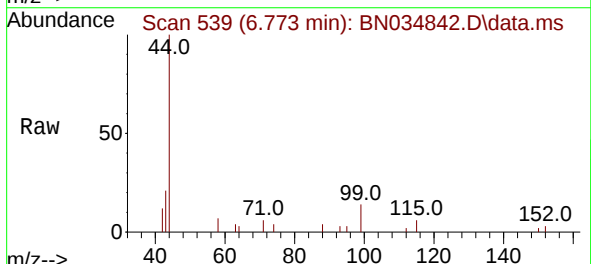
RT: 6.773 min Scan# 539

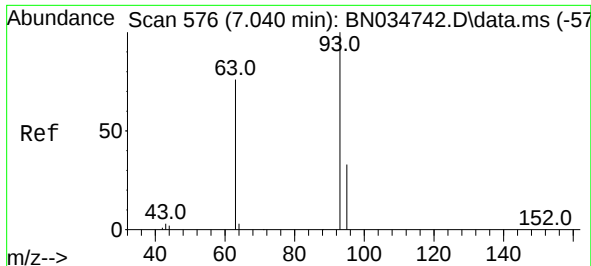
Delta R.T. -0.007 min

Lab File: BN034842.D

Acq: 04 Nov 2024 16:43

Tgt Ion:	99	Resp:	560
Ion Ratio	Lower	Upper	
99	100		
42	24.6	15.9	23.9#
71	37.7	24.3	36.5#

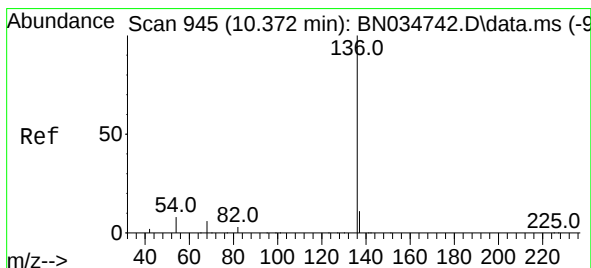
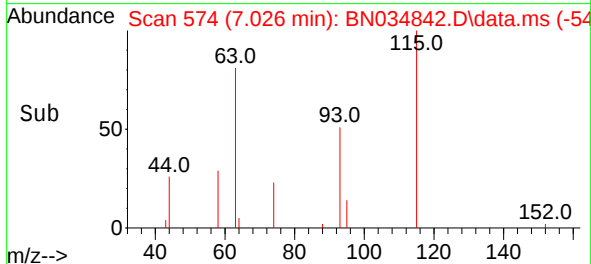
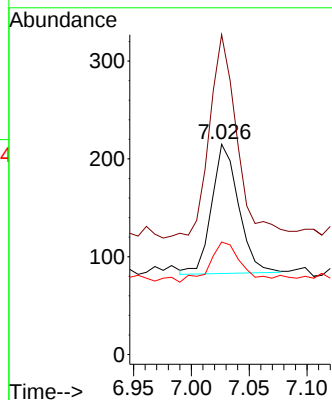
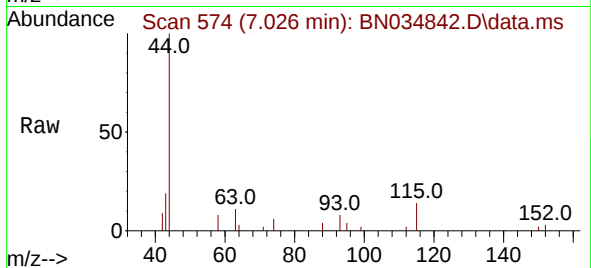




#6
bis(2-Chloroethyl)ether
Concen: 0.032 ng
RT: 7.026 min Scan# 51
Delta R.T. -0.014 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

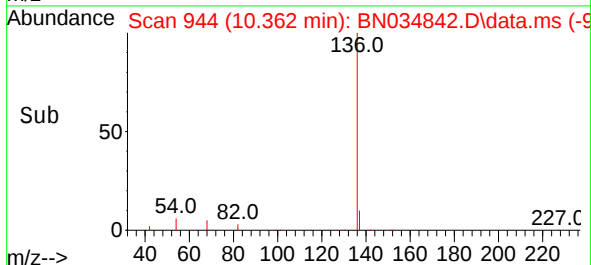
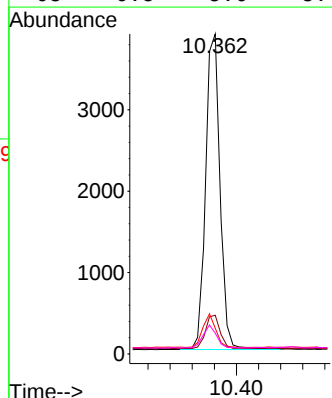
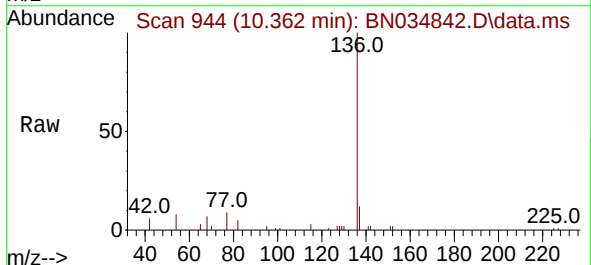
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-50-20241030DL

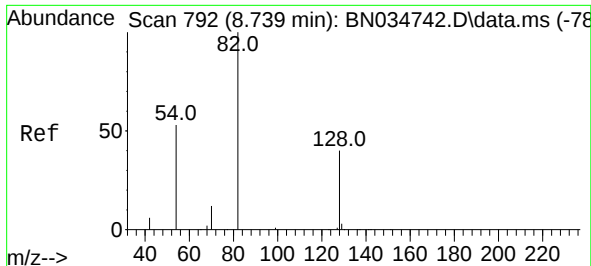
Tgt Ion: 93 Resp: 214
Ion Ratio Lower Upper
93 100
63 169.2 61.2 91.8#
95 36.0 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. -0.010 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

Tgt Ion: 136 Resp: 7023
Ion Ratio Lower Upper
136 100
137 12.1 9.2 13.8
54 8.0 7.0 10.4
68 6.5 5.6 8.4

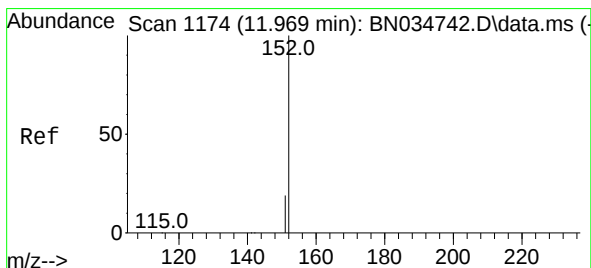
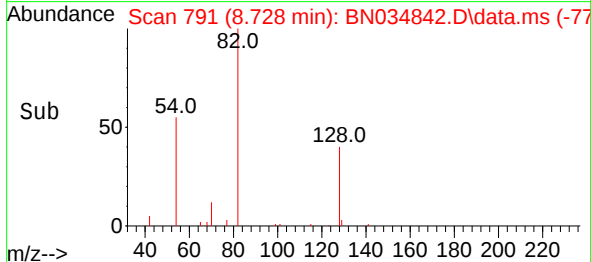
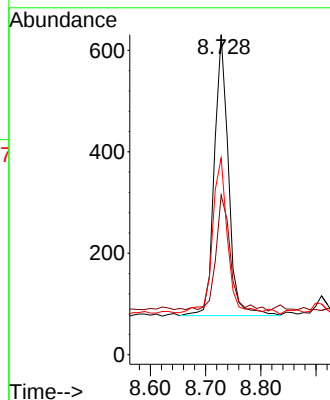
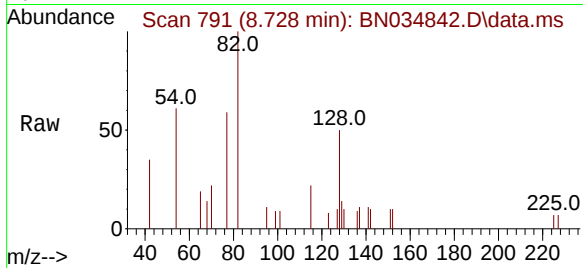




#8
Nitrobenzene-d5
Concen: 0.178 ng
RT: 8.728 min Scan# 791
Delta R.T. -0.010 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

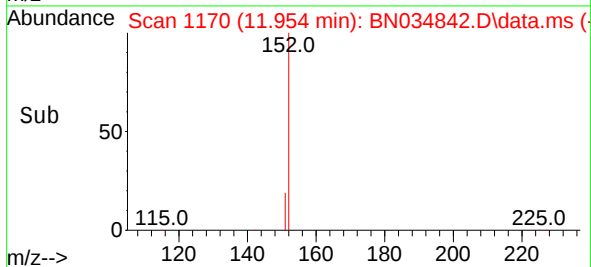
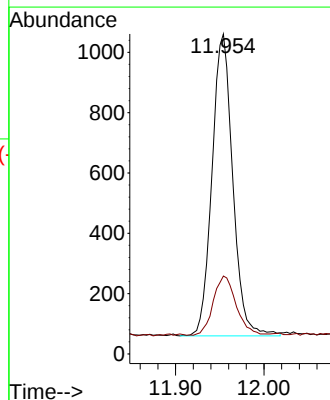
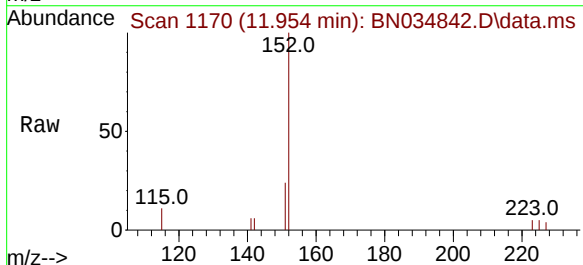
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-50-20241030DL

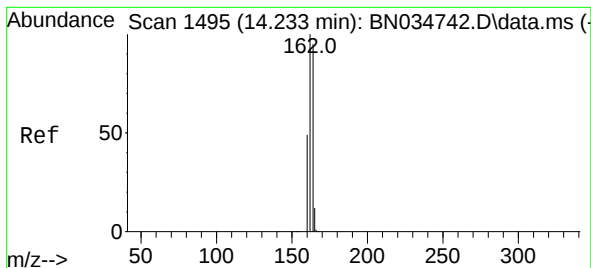
Tgt Ion: 82 Resp: 983
Ion Ratio Lower Upper
82 100
128 49.9 33.7 50.5
54 61.5 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.161 ng
RT: 11.954 min Scan# 1170
Delta R.T. -0.015 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

Tgt Ion: 152 Resp: 1633
Ion Ratio Lower Upper
152 100
151 21.6 16.6 24.8





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.219 min Scan# 1493

Delta R.T. -0.014 min

Lab File: BN034842.D

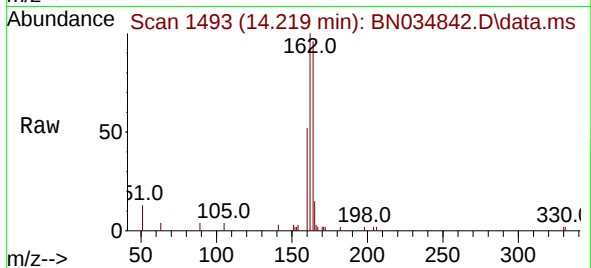
Acq: 04 Nov 2024 16:43

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-50-20241030DL



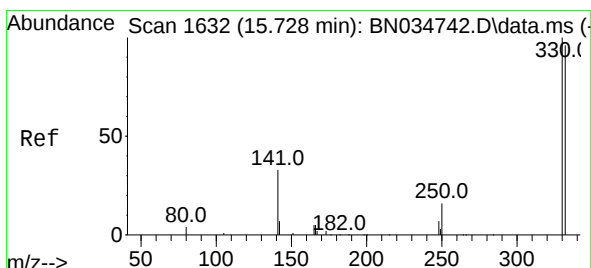
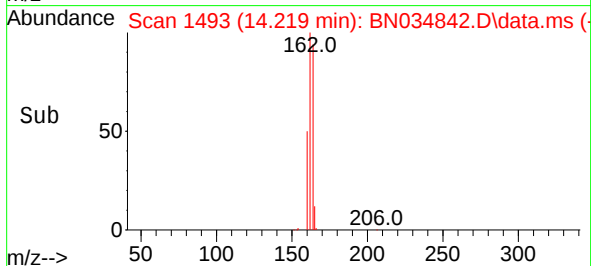
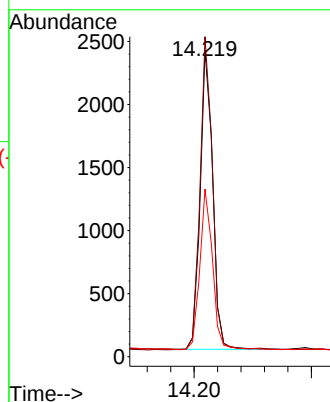
Tgt Ion:164 Resp: 3514

Ion Ratio Lower Upper

164 100

162 104.4 84.3 126.5

160 54.7 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.116 ng

RT: 15.723 min Scan# 1631

Delta R.T. -0.005 min

Lab File: BN034842.D

Acq: 04 Nov 2024 16:43

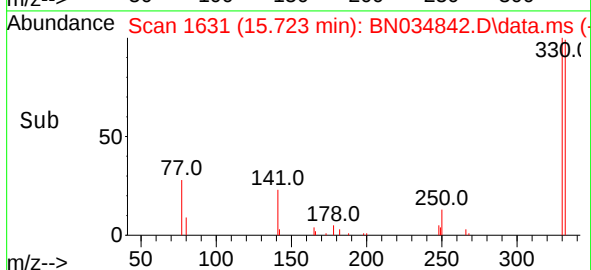
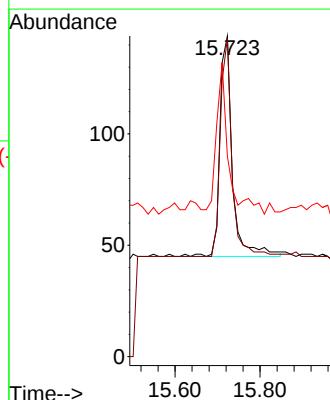
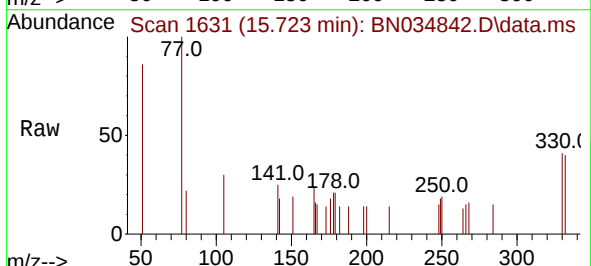
Tgt Ion:330 Resp: 202

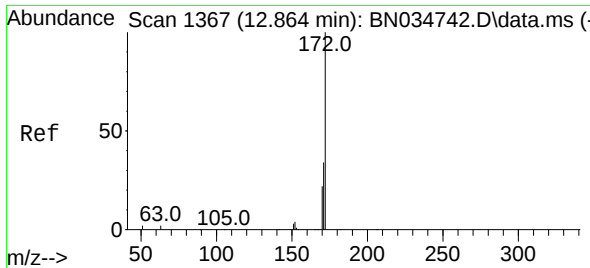
Ion Ratio Lower Upper

330 100

332 91.6 77.8 116.6

141 54.5 41.0 61.4

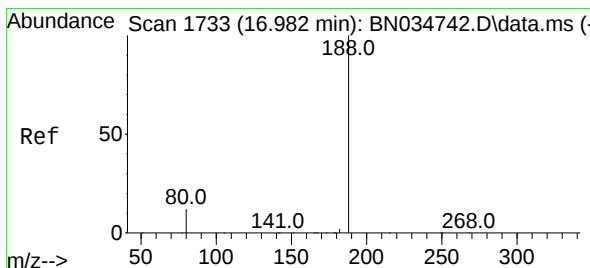
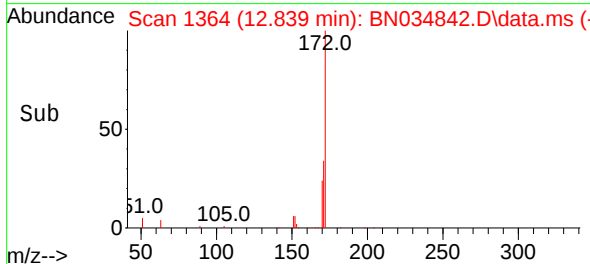
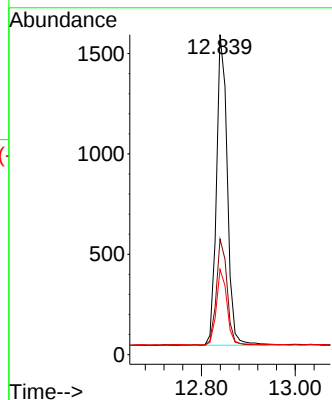
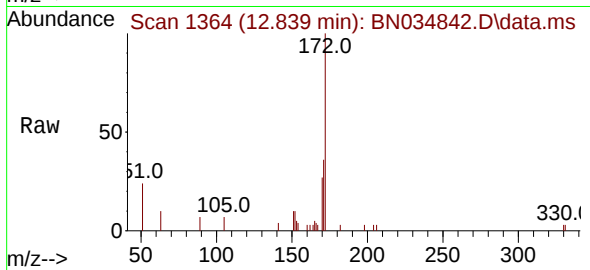




#15
2-Fluorobiphenyl
Concen: 0.180 ng
RT: 12.839 min Scan# 1364
Delta R.T. -0.025 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

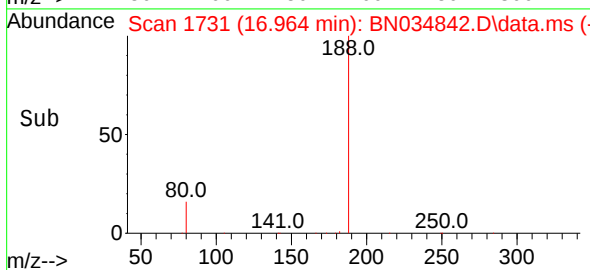
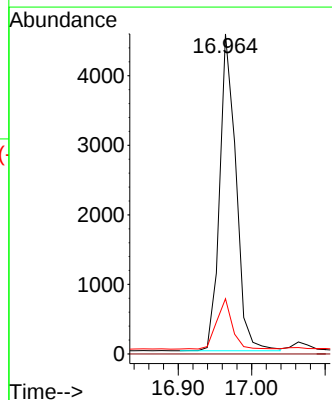
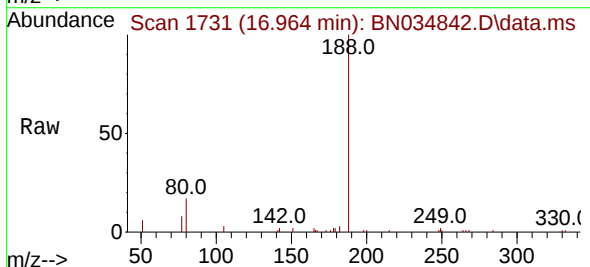
Instrument :
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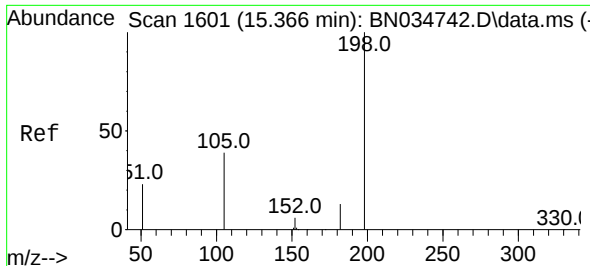
Tgt Ion:	172	Resp:	2495
Ion Ratio	Lower	Upper	
172	100		
171	36.1	27.2	40.8
170	26.7	18.0	27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.964 min Scan# 1731
Delta R.T. -0.018 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

Tgt Ion:	188	Resp:	7039
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	17.3	9.8	14.6

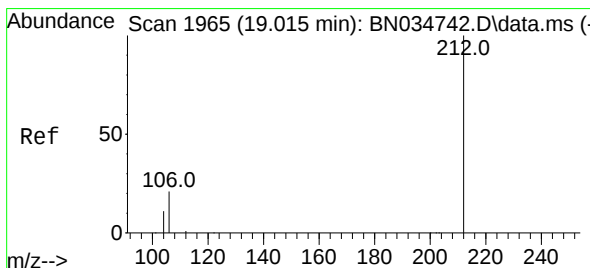
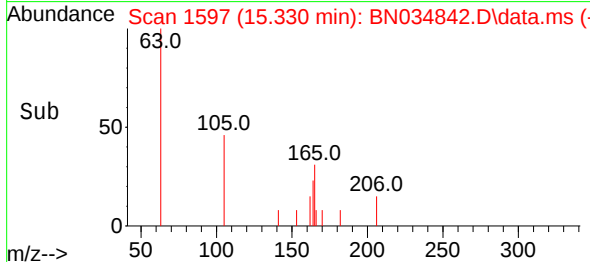
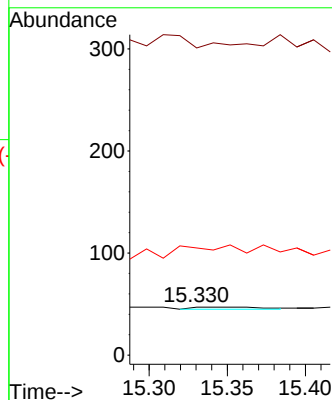
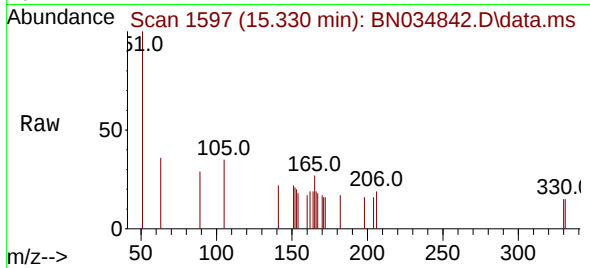




#20
4,6-Dinitro-2-methylphenol
Concen: 0.185 ng
RT: 15.330 min Scan# 1597
Delta R.T. -0.036 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

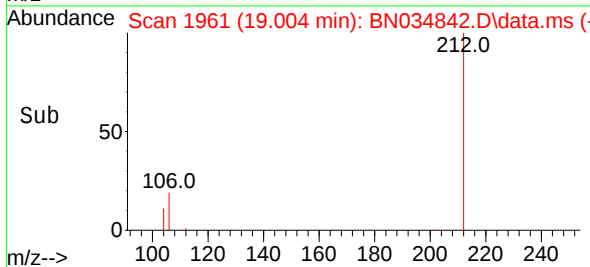
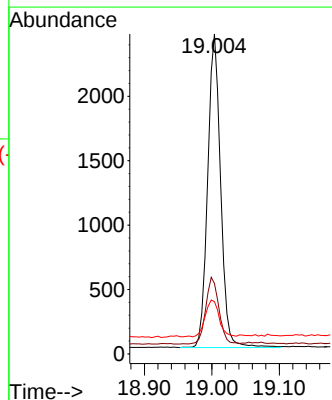
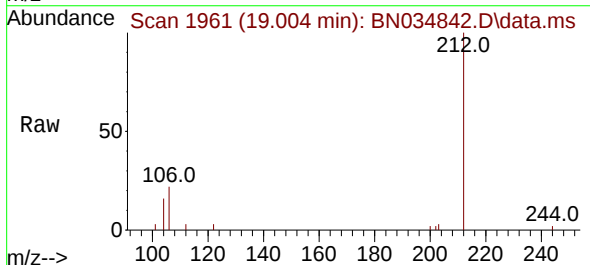
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RW5-SP100-50-20241030DL

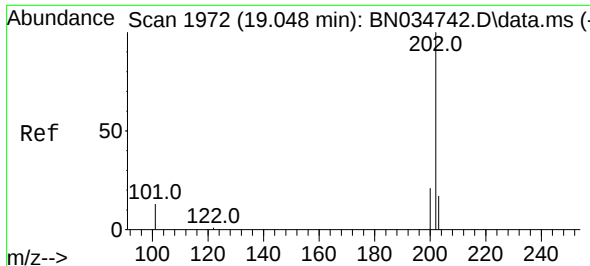
Tgt Ion:198 Resp: 6
Ion Ratio Lower Upper
198 100
51 640.4 58.0 87.0#
105 223.4 49.1 73.7#



#27
Fluoranthene-d10
Concen: 0.197 ng
RT: 19.004 min Scan# 1961
Delta R.T. -0.011 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

Tgt Ion:212 Resp: 3248
Ion Ratio Lower Upper
212 100
106 21.4 16.1 24.1
104 12.9 9.2 13.8

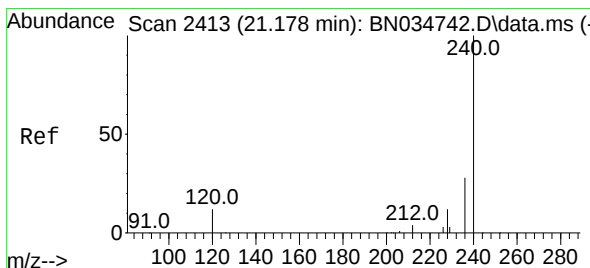
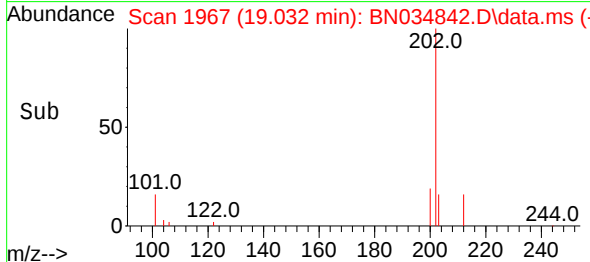
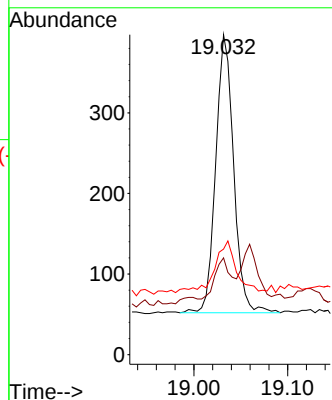
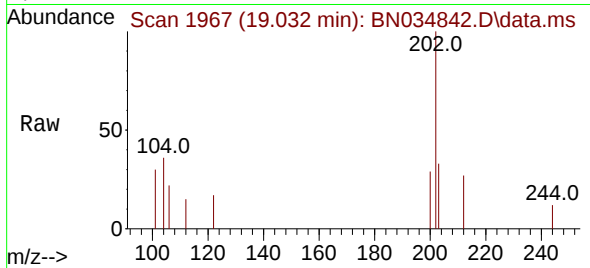




#28
Fluoranthene
Concen: 0.020 ng
RT: 19.032 min Scan# 11
Delta R.T. -0.016 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

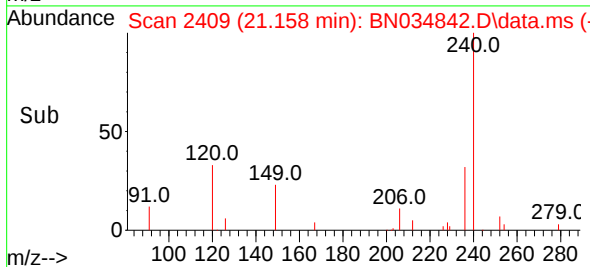
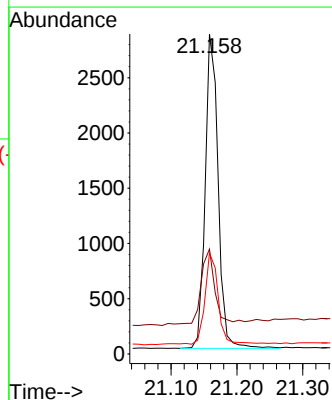
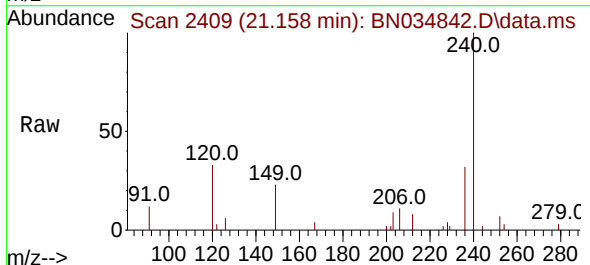
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-50-20241030DL

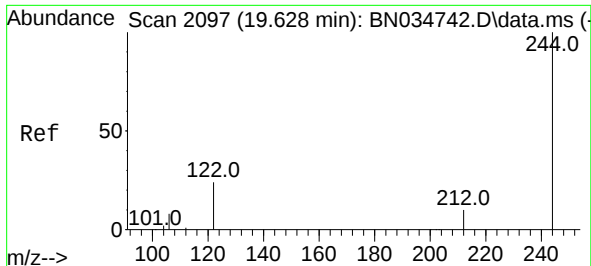
Tgt Ion:202 Resp: 457
Ion Ratio Lower Upper
202 100
101 15.8 11.4 17.0
203 23.4 13.7 20.5#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.158 min Scan# 2409
Delta R.T. -0.020 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

Tgt Ion:240 Resp: 3897
Ion Ratio Lower Upper
240 100
120 32.8 11.5 17.3#
236 31.6 23.2 34.8

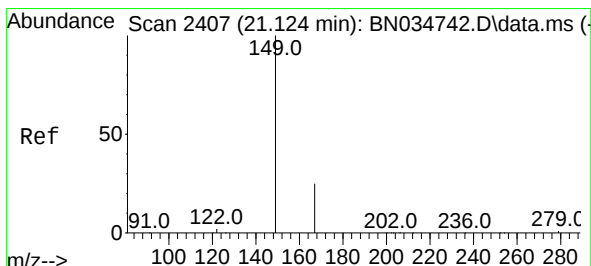
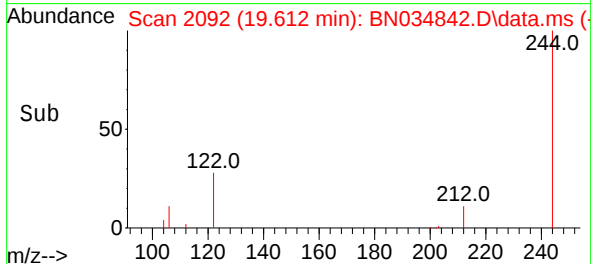
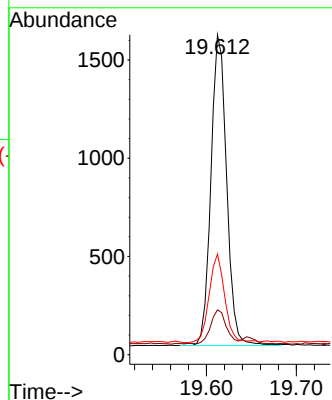
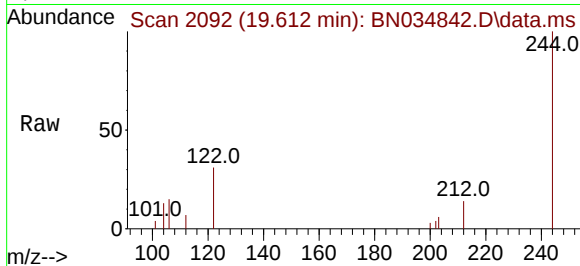




#31
Terphenyl-d14
Concen: 0.229 ng
RT: 19.612 min Scan# 2097
Delta R.T. -0.016 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

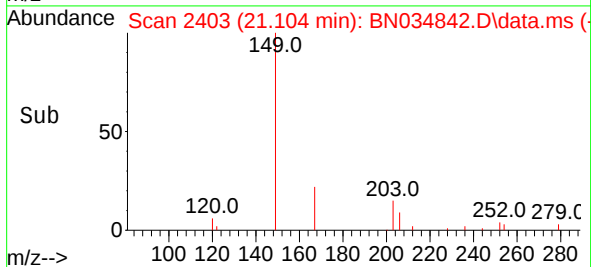
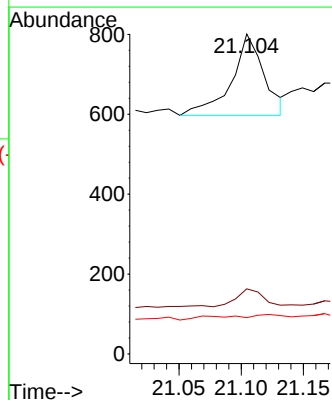
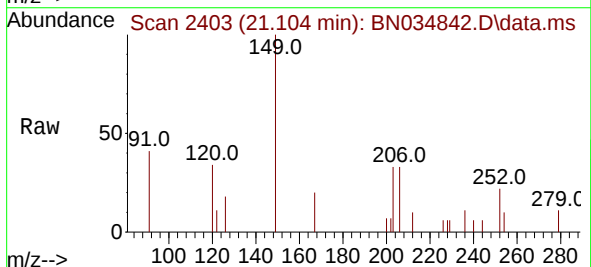
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-50-20241030DL

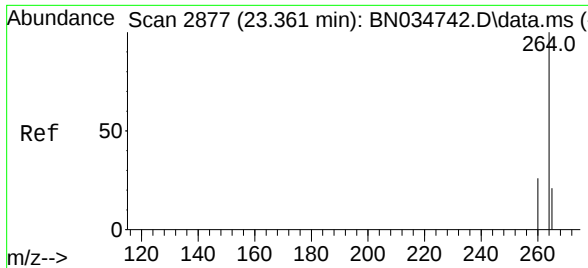
Tgt Ion:244 Resp: 1920
Ion Ratio Lower Upper
244 100
212 14.0 8.2 12.4#
122 31.4 19.8 29.6#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.029 ng
RT: 21.104 min Scan# 2403
Delta R.T. -0.020 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

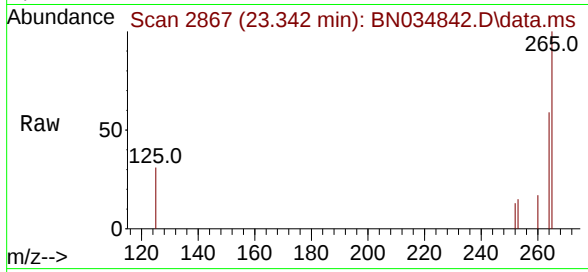
Tgt Ion:149 Resp: 371
Ion Ratio Lower Upper
149 100
167 18.3 20.6 30.8#
279 3.2 1.5 2.3#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.342 min Scan# 21
Delta R.T. -0.019 min
Lab File: BN034842.D
Acq: 04 Nov 2024 16:43

Instrument :
BNA_N
ClientSampleId :
RW5-SP100-50-20241030DL



Tgt Ion:264 Resp: 3011

Ion	Ratio	Lower	Upper
264	100		
260	29.1	21.5	32.3
265	169.1	47.5	71.3#

