

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110424\
 Data File : BN034857.D
 Acq On : 05 Nov 2024 01:45
 Operator : RC/JU
 Sample : P4652-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-90-20241030

Quant Time: Nov 05 03:17:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 00:03:28 2024
 Response via : Initial Calibration

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

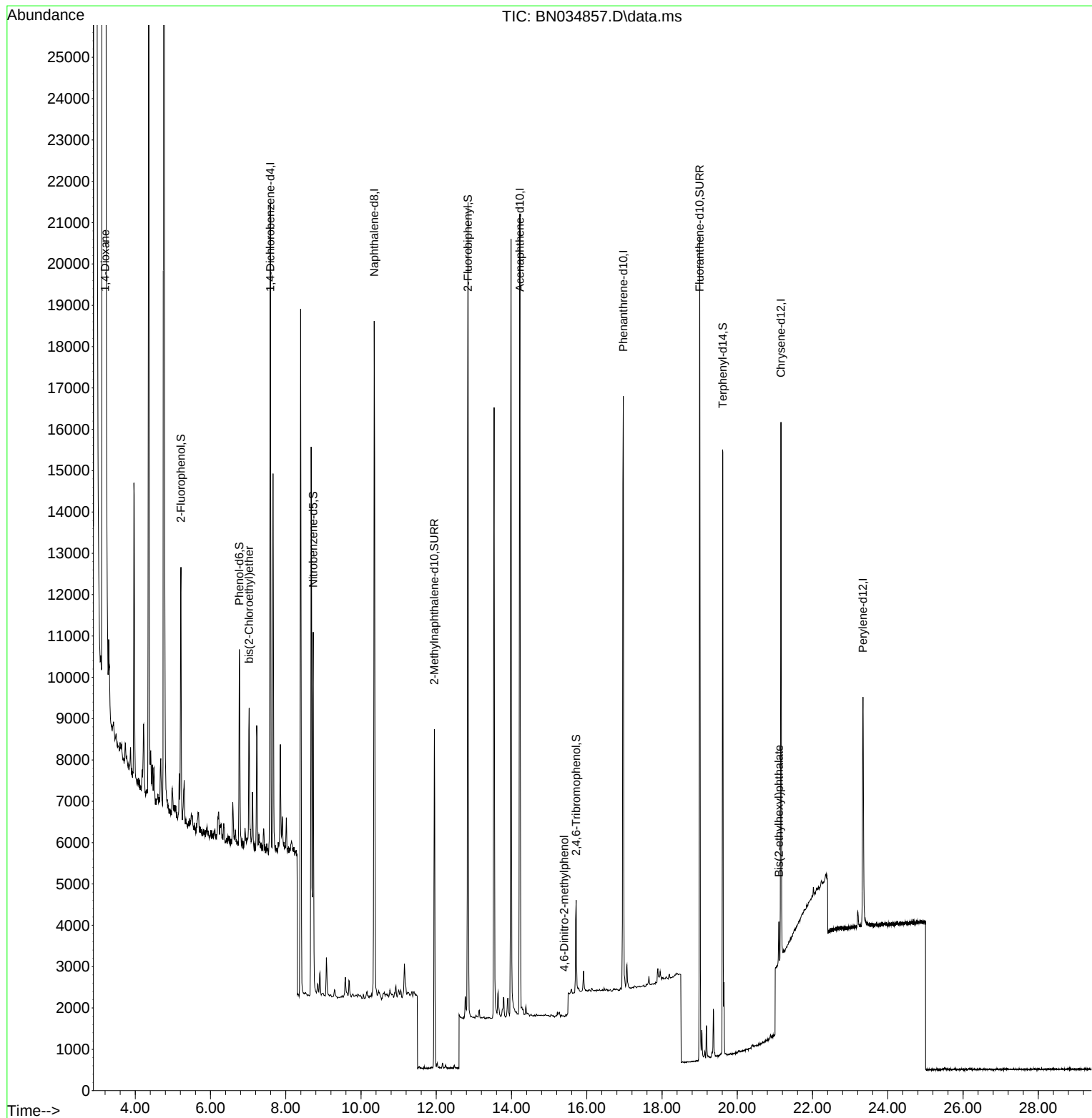
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	6734	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	20759	0.400	ng	# 0.00
13) Acenaphthene-d10	14.222	164	10518	0.400	ng	0.00
19) Phenanthrene-d10	16.970	188	19787	0.400	ng	0.00
29) Chrysene-d12	21.160	240	10095	0.400	ng	# 0.00
35) Perylene-d12	23.341	264	7238	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	4650	0.228	ng	0.00
5) Phenol-d6	6.766	99	4078	0.154	ng	0.00
8) Nitrobenzene-d5	8.728	82	6749	0.414	ng	0.00
11) 2-Methylnaphthalene-d10	11.950	152	10652	0.354	ng	0.00
14) 2,4,6-Tribromophenol	15.716	330	1234	0.238	ng	0.00
15) 2-Fluorobiphenyl	12.843	172	16339	0.394	ng	0.00
27) Fluoranthene-d10	19.001	212	19442	0.419	ng	0.00
31) Terphenyl-d14	19.615	244	11987	0.553	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.198	88	74636	10.110	ng	Qvalue 92
6) bis(2-Chloroethyl)ether	7.026	93	1582	0.082	ng	# 81
20) 4,6-Dinitro-2-methylph...	15.398	198	4	0.181	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.107	149	993	0.030	ng	# 95

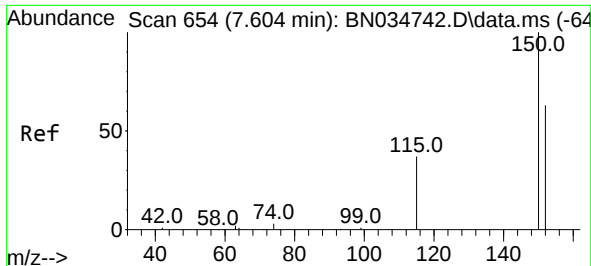
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RW5-SP100-90-20241030

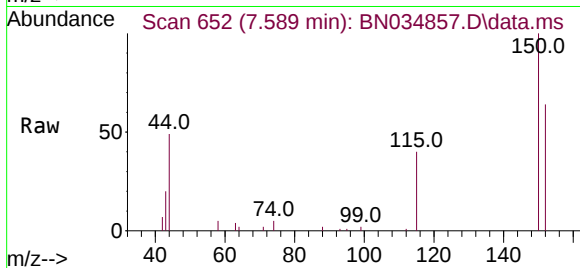
Quant Time: Nov 05 03:17:30 2024
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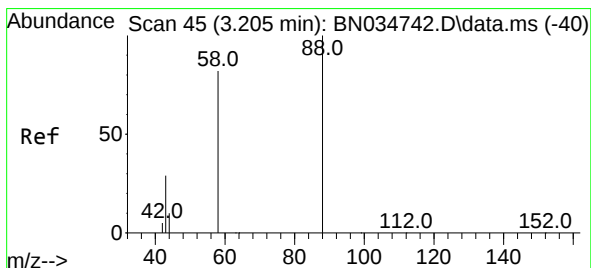
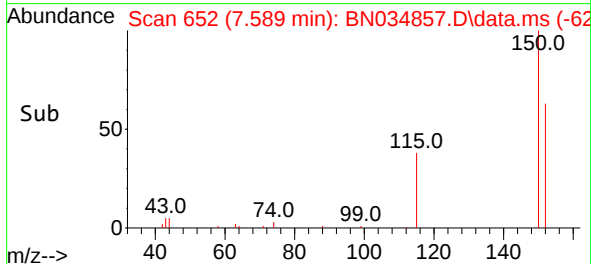
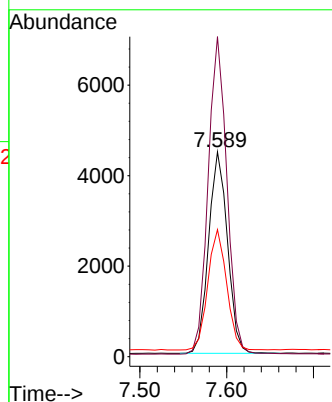
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.589 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: BN034857.D
 Acq: 05 Nov 2024 01:45

Instrument :
 BNA_N
 ClientSampleId :
 RW5-SP100-90-20241030



Tgt Ion:152 Resp: 6734

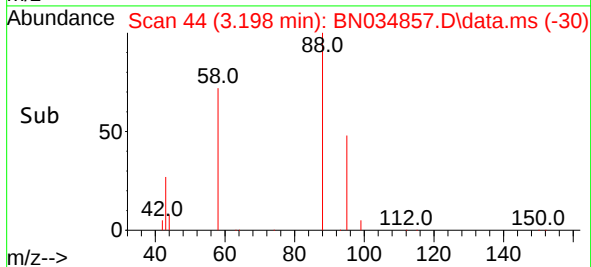
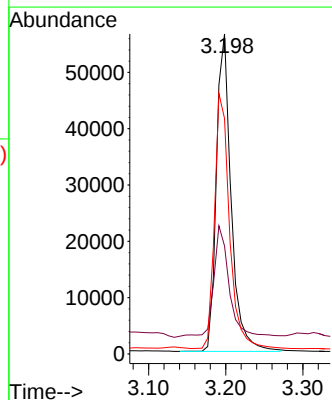
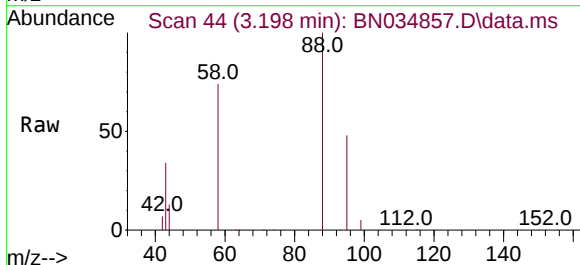
Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.9	187.3
115	62.0	50.2	75.2

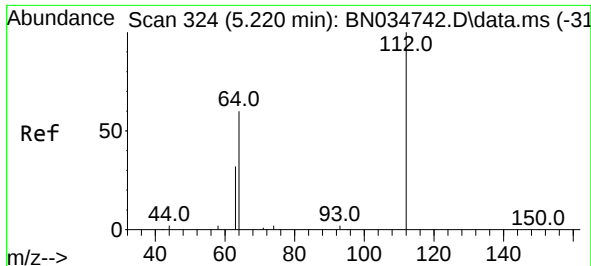


#2
 1,4-Dioxane
 Concen: 10.110 ng
 RT: 3.198 min Scan# 44
 Delta R.T. 0.000 min
 Lab File: BN034857.D
 Acq: 05 Nov 2024 01:45

Tgt Ion: 88 Resp: 74636

Ion	Ratio	Lower	Upper
88	100		
43	37.6	26.7	40.1
58	81.2	59.3	88.9





#4

2-Fluorophenol

Concen: 0.228 ng

RT: 5.213 min Scan# 31

Delta R.T. 0.000 min

Lab File: BN034857.D

Acq: 05 Nov 2024 01:45

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-90-20241030

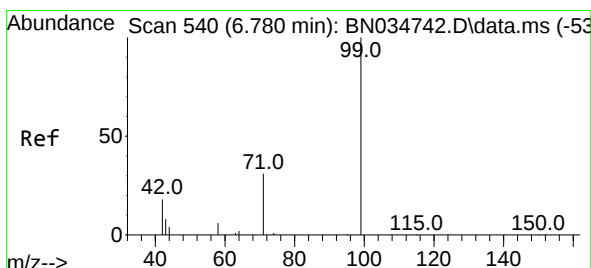
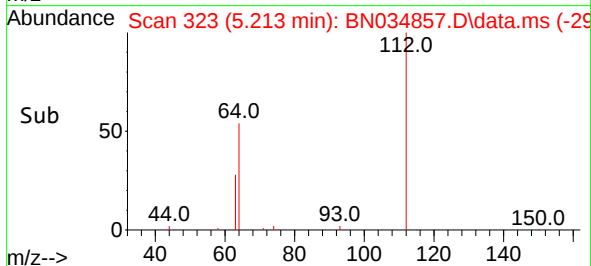
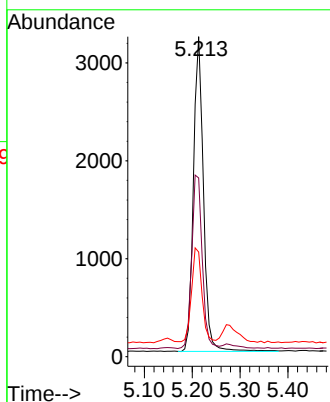
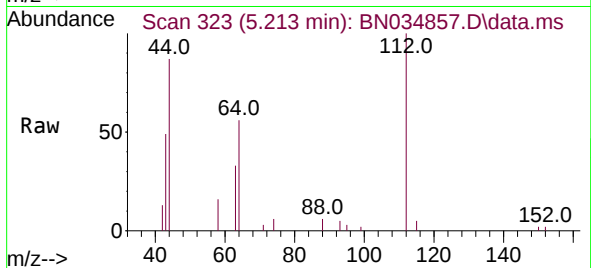
Tgt Ion:112 Resp: 4650

Ion Ratio Lower Upper

112 100

64 57.9 44.9 67.3

63 31.3 23.5 35.3



#5

Phenol-d6

Concen: 0.154 ng

RT: 6.766 min Scan# 538

Delta R.T. 0.000 min

Lab File: BN034857.D

Acq: 05 Nov 2024 01:45

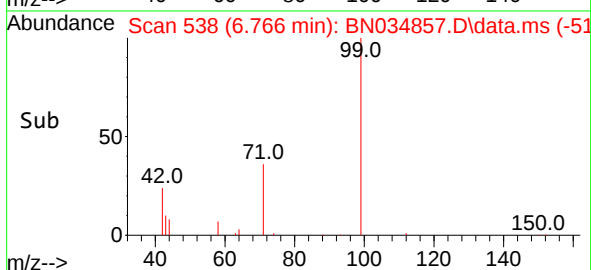
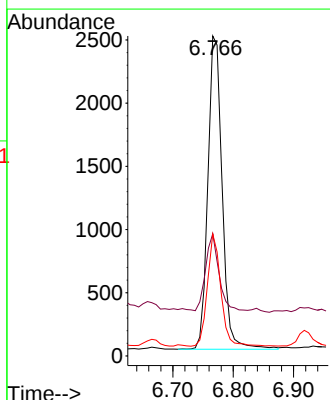
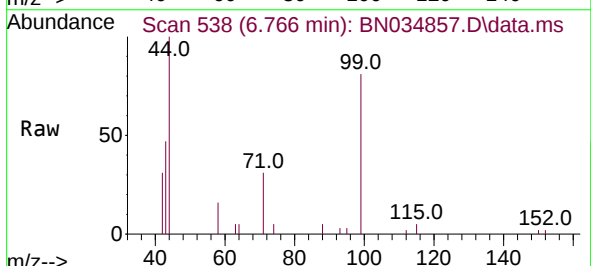
Tgt Ion: 99 Resp: 4078

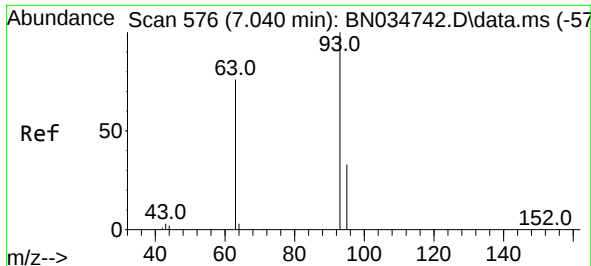
Ion Ratio Lower Upper

99 100

42 23.0 15.9 23.9

71 33.8 24.3 36.5

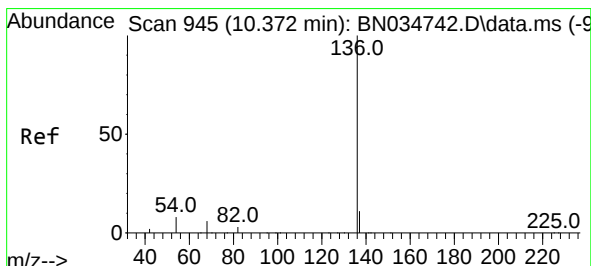
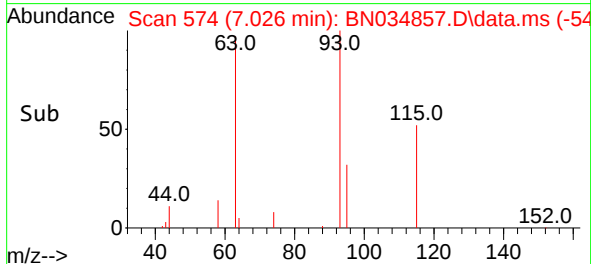
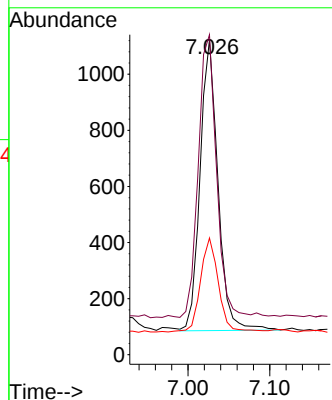
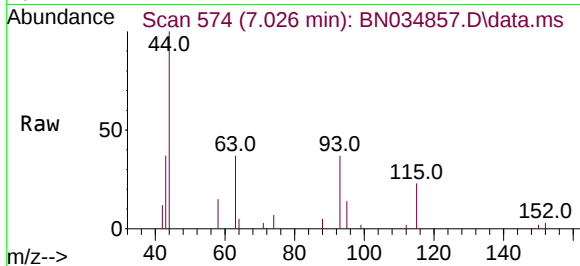




#6
bis(2-Chloroethyl)ether
Concen: 0.082 ng
RT: 7.026 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

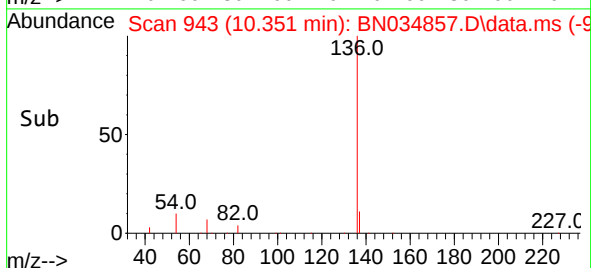
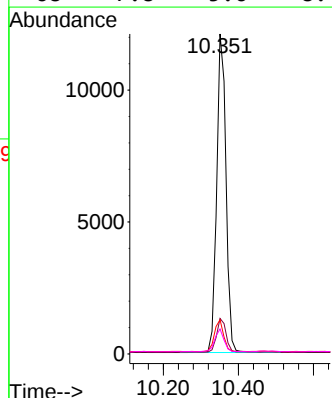
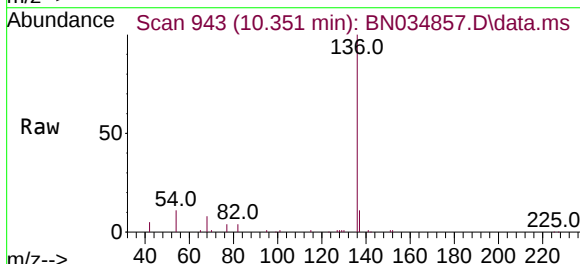
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-90-20241030

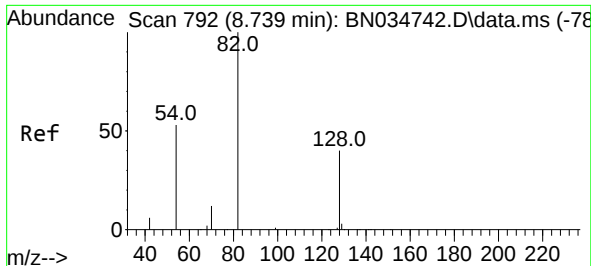
Tgt Ion: 93 Resp: 1582
Ion Ratio Lower Upper
93 100
63 99.9 61.2 91.8#
95 32.9 25.8 38.8



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.351 min Scan# 943
Delta R.T. 0.000 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

Tgt Ion:136 Resp: 20759
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 10.7 7.0 10.4#
68 7.8 5.6 8.4

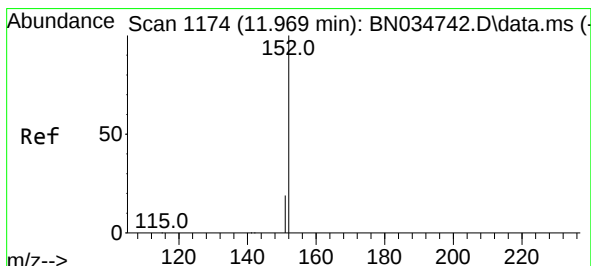
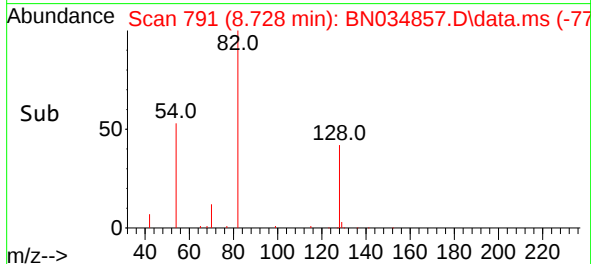
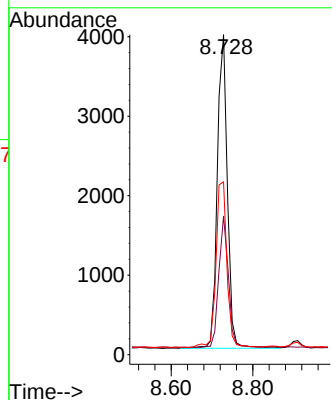
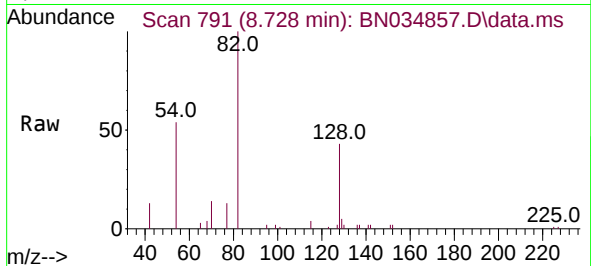




#8
Nitrobenzene-d5
Concen: 0.414 ng
RT: 8.728 min Scan# 791
Delta R.T. 0.000 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

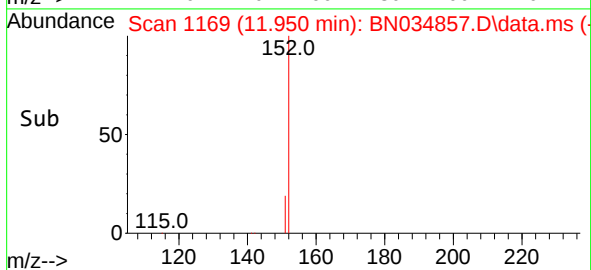
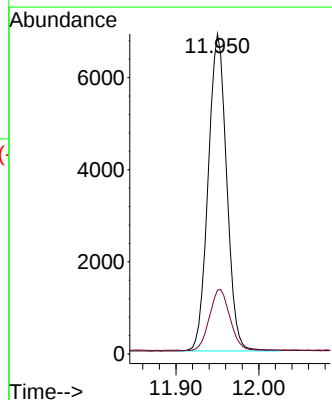
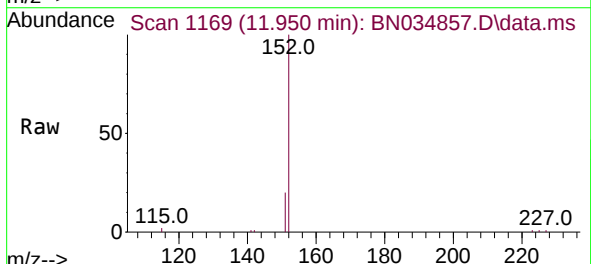
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-90-20241030

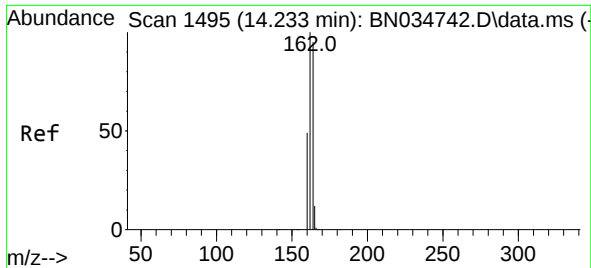
Tgt Ion: 82 Resp: 6749
Ion Ratio Lower Upper
82 100
128 43.4 33.7 50.5
54 54.0 44.4 66.6



#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 11.950 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

Tgt Ion: 152 Resp: 10652
Ion Ratio Lower Upper
152 100
151 21.3 16.6 24.8

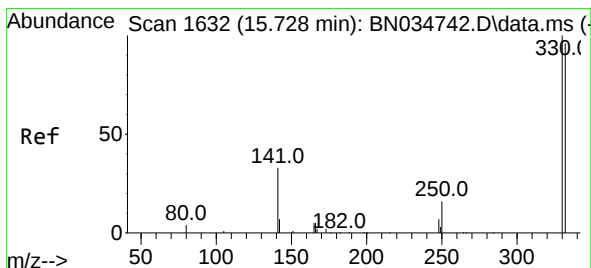
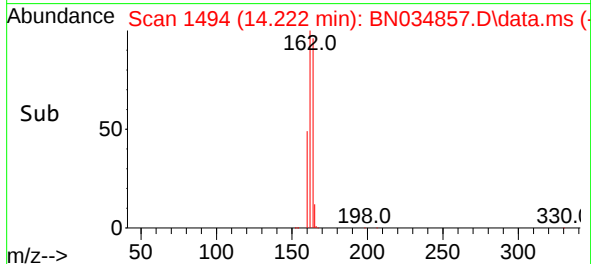
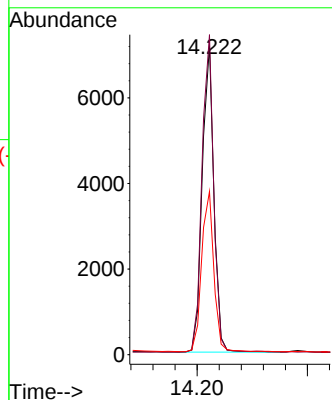
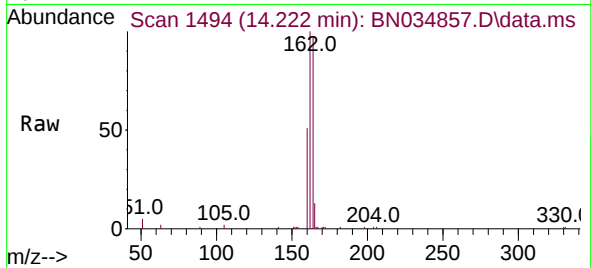




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.222 min Scan# 1494
Delta R.T. 0.000 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

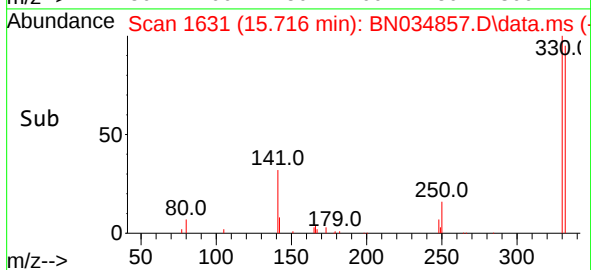
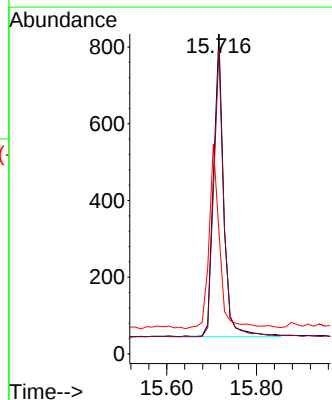
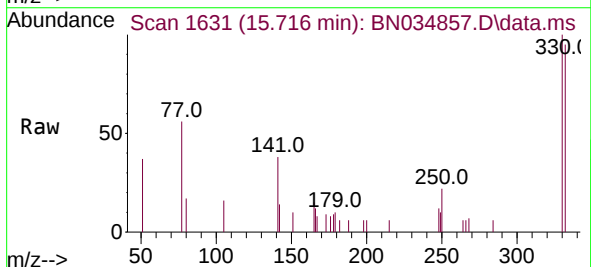
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ClientSampleId :
RW5-SP100-90-20241030

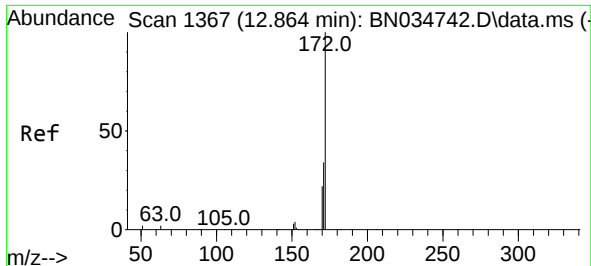
Tgt Ion:164 Resp: 10518
Ion Ratio Lower Upper
164 100
162 103.5 84.3 126.5
160 52.8 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.238 ng
RT: 15.716 min Scan# 1631
Delta R.T. 0.000 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

Tgt Ion:330 Resp: 1234
Ion Ratio Lower Upper
330 100
332 94.7 77.8 116.6
141 63.9 41.0 61.4#

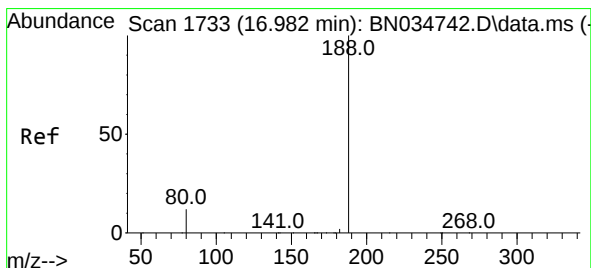
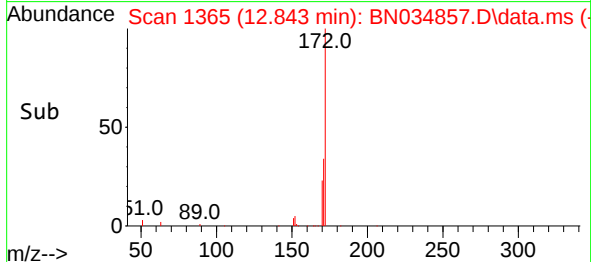
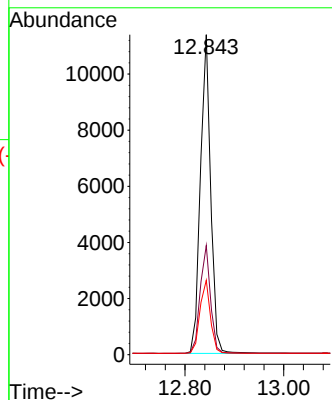
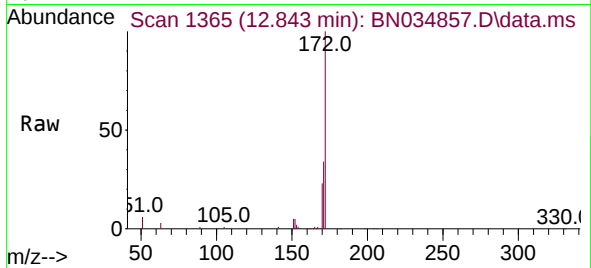




#15
2-Fluorobiphenyl
Concen: 0.394 ng
RT: 12.843 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

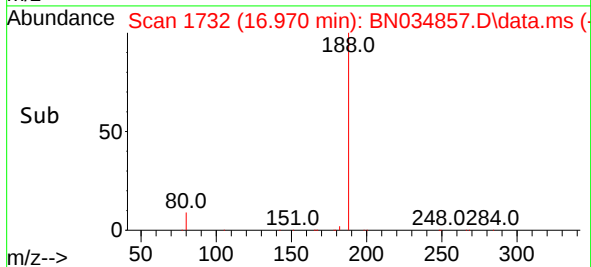
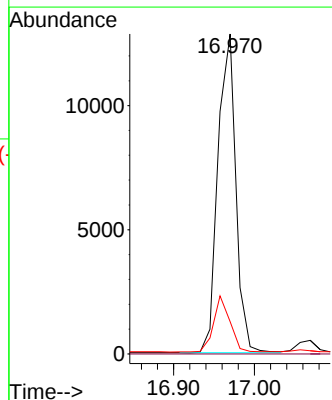
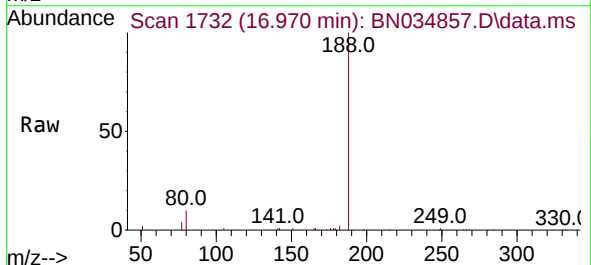
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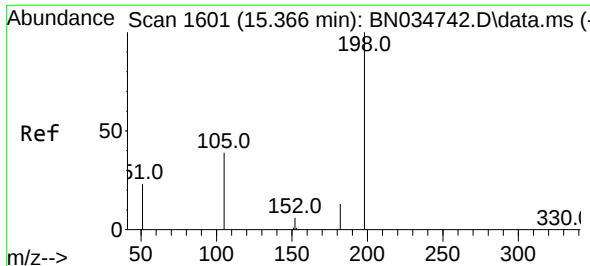
Tgt Ion:172 Resp: 16339
Ion Ratio Lower Upper
172 100
171 34.1 27.2 40.8
170 23.2 18.0 27.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.970 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

Tgt Ion:188 Resp: 19787
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 10.1 9.8 14.6

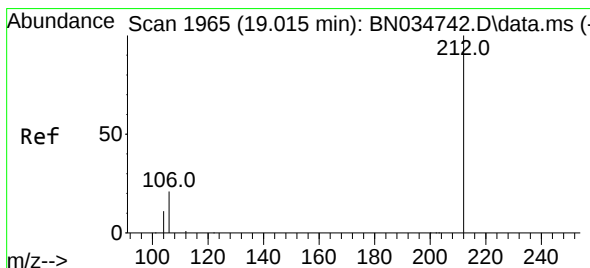
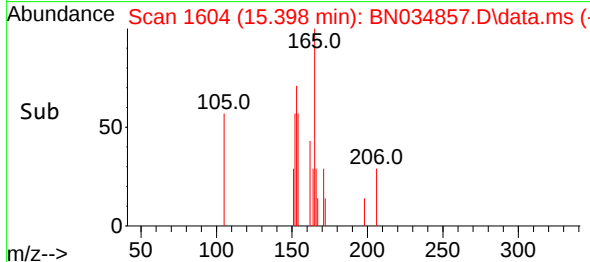
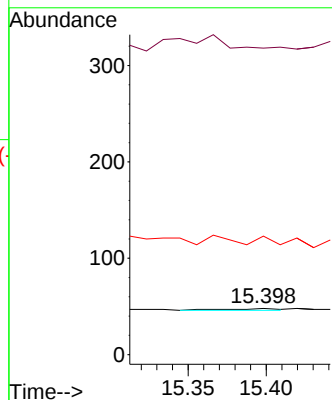
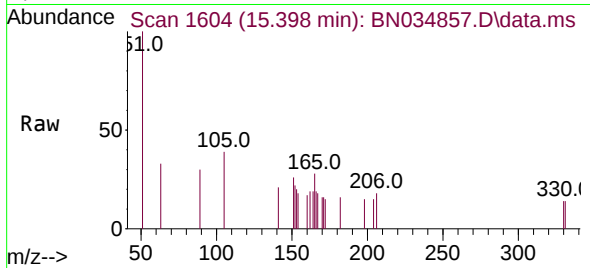




#20
4,6-Dinitro-2-methylphenol
Concen: 0.181 ng
RT: 15.398 min Scan# 1604
Delta R.T. 0.043 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

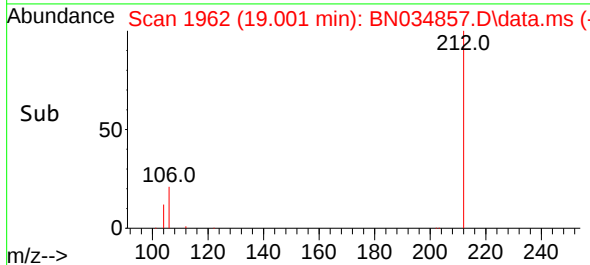
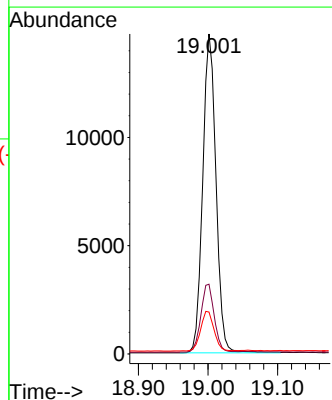
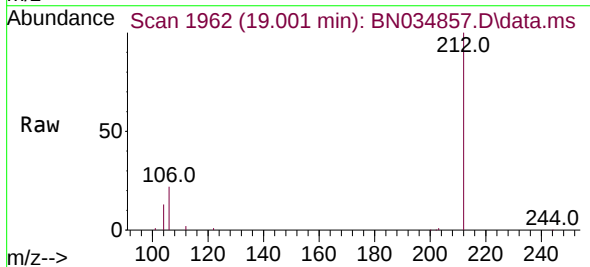
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RW5-SP100-90-20241030

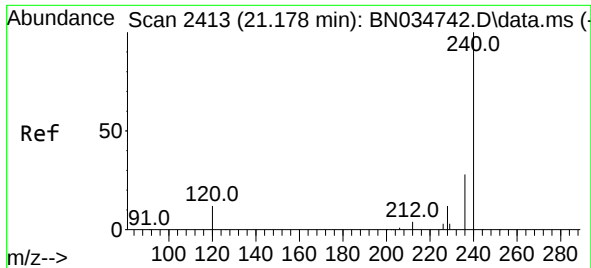
Tgt Ion:198 Resp: 4
Ion Ratio Lower Upper
198 100
51 662.5 58.0 87.0#
105 256.3 49.1 73.7#



#27
Fluoranthene-d10
Concen: 0.419 ng
RT: 19.001 min Scan# 1962
Delta R.T. 0.000 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

Tgt Ion:212 Resp: 19442
Ion Ratio Lower Upper
212 100
106 21.4 16.1 24.1
104 12.6 9.2 13.8

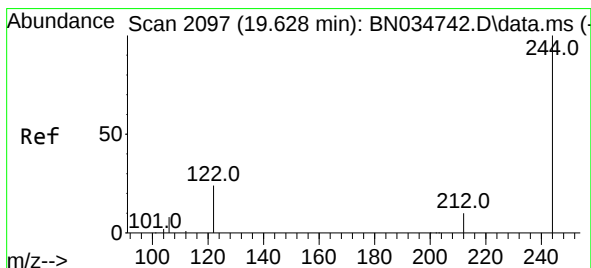
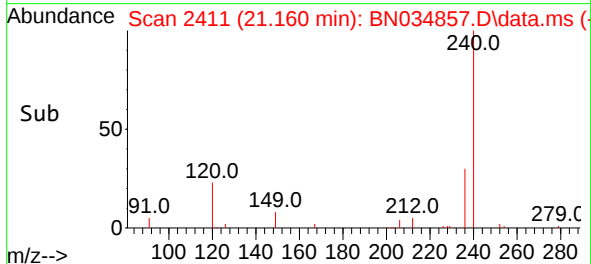
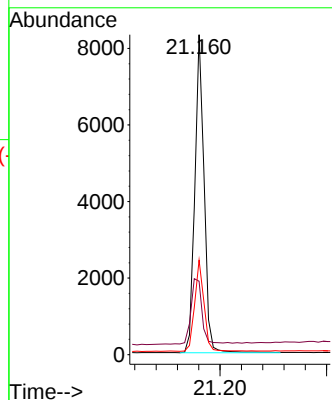
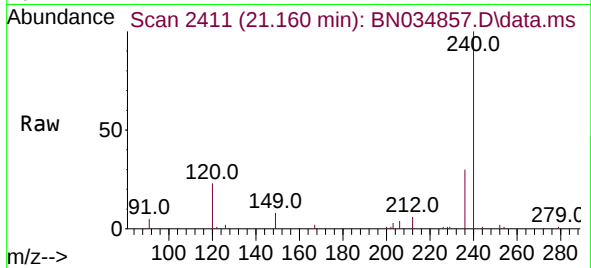




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.160 min Scan# 2413
Delta R.T. 0.000 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

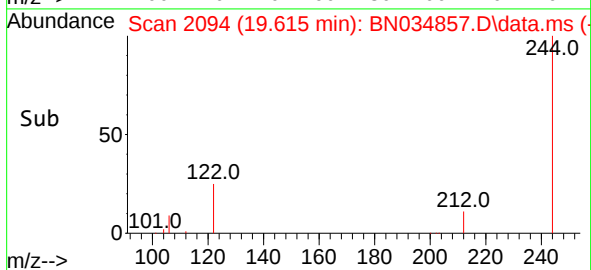
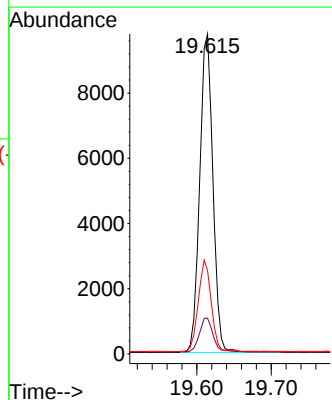
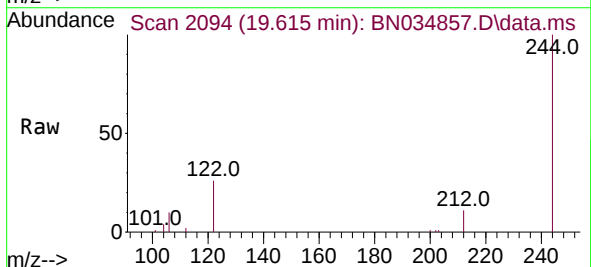
Instrument :
BNA_N
ClientSampleId :
RW5-SP100-90-20241030

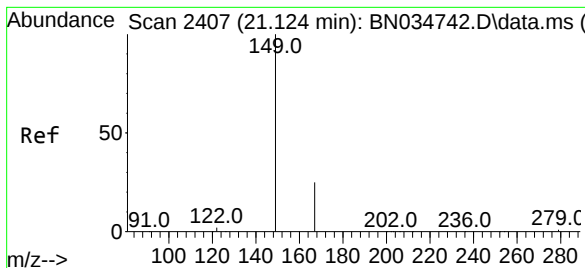
Tgt Ion:240 Resp: 10095
Ion Ratio Lower Upper
240 100
120 23.0 11.5 17.3#
236 29.5 23.2 34.8



#31
Terphenyl-d14
Concen: 0.553 ng
RT: 19.615 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BN034857.D
Acq: 05 Nov 2024 01:45

Tgt Ion:244 Resp: 11987
Ion Ratio Lower Upper
244 100
212 11.2 8.2 12.4
122 26.1 19.8 29.6





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.030 ng

RT: 21.107 min Scan# 2405

Delta R.T. 0.000 min

Lab File: BN034857.D

Acq: 05 Nov 2024 01:45

Instrument :

BNA_N

ClientSampleId :

RW5-SP100-90-20241030

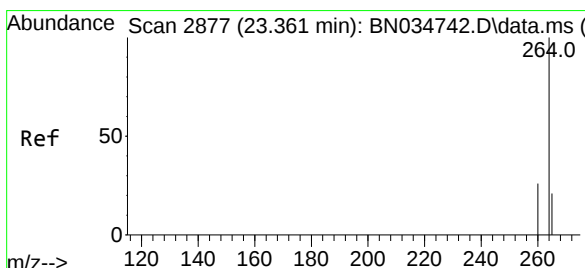
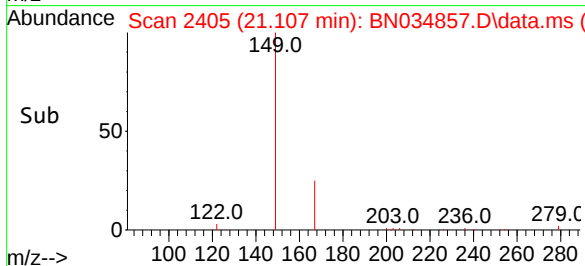
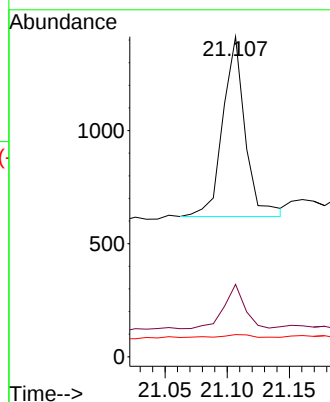
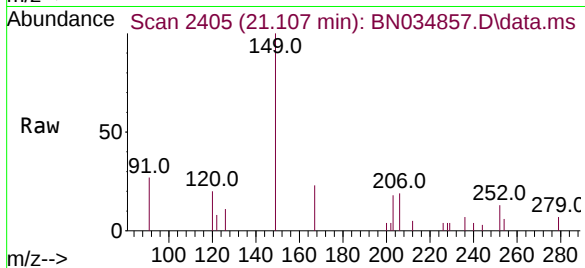
Tgt Ion:149 Resp: 993

Ion Ratio Lower Upper

149 100

167 23.0 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. 0.006 min

Lab File: BN034857.D

Acq: 05 Nov 2024 01:45

Tgt Ion:264 Resp: 7238

Ion Ratio Lower Upper

264 100

260 27.8 21.5 32.3

265 81.2 47.5 71.3#

