

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101024\
 Data File : BN034542.D
 Acq On : 11 Oct 2024 05:02
 Operator : RC/JU
 Sample : P4282-01
 Misc :
 ALS Vial : 118 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241002

Quant Time: Oct 11 05:37:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 00:21:08 2024
 Response via : Initial Calibration

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

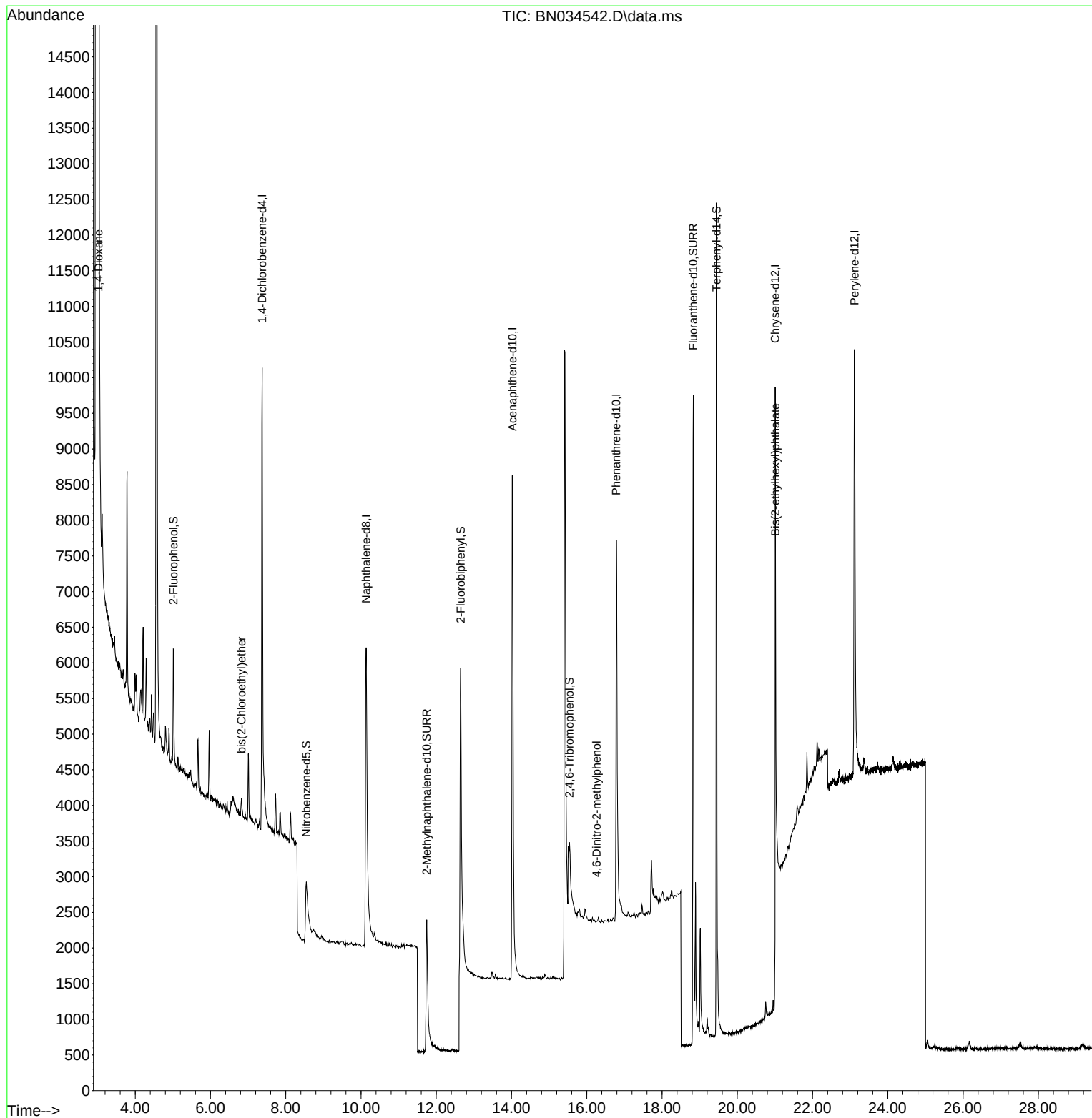
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3962	0.400	ng	0.00
7) Naphthalene-d8	10.137	136	11068	0.400	ng	0.01
13) Acenaphthene-d10	14.030	164	6379	0.400	ng	0.01
19) Phenanthrene-d10	16.784	188	11764	0.400	ng	# 0.00
29) Chrysene-d12	21.008	240	7091	0.400	ng	0.00
35) Perylene-d12	23.113	264	9839	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1457	0.130	ng	0.00
5) Phenol-d6	6.593	99	256	0.020	ng	0.02
8) Nitrobenzene-d5	8.547	82	1646	0.194	ng	0.03
11) 2-Methylnaphthalene-d10	11.746	152	4737	0.290	ng	0.02
14) 2,4,6-Tribromophenol	15.542	330	696	0.241	ng	0.00
15) 2-Fluorobiphenyl	12.651	172	7388	0.285	ng	0.01
27) Fluoranthene-d10	18.830	212	12414	0.418	ng	0.00
31) Terphenyl-d14	19.447	244	11961	0.845	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.025	88	27535	5.559	ng	98
6) bis(2-Chloroethyl)ether	6.824	93	247	0.021	ng	94
20) 4,6-Dinitro-2-methylph...	16.262	198	1	0.138	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.017	149	1049	0.112	ng	# 56

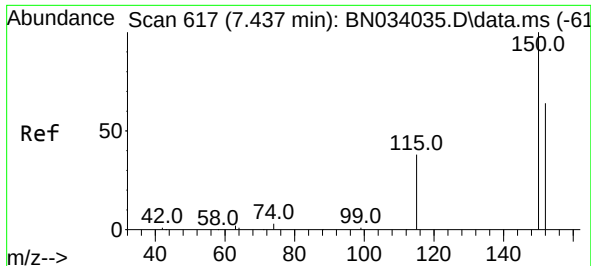
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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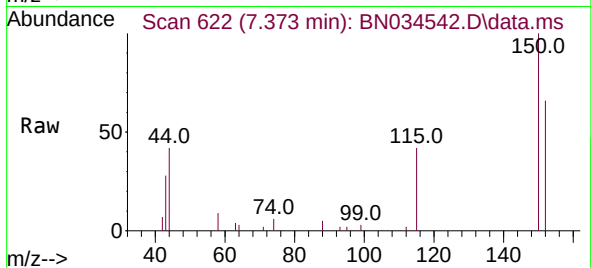
Quant Time: Oct 11 05:37:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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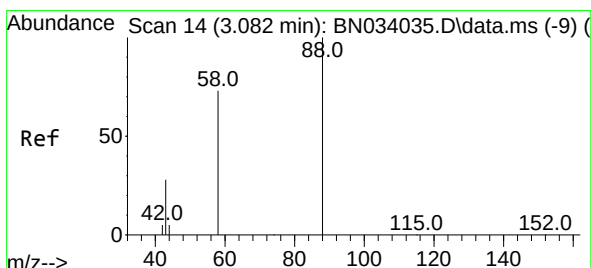
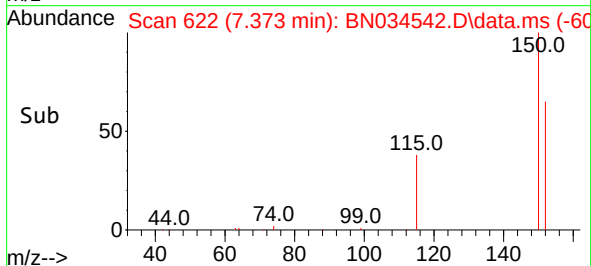
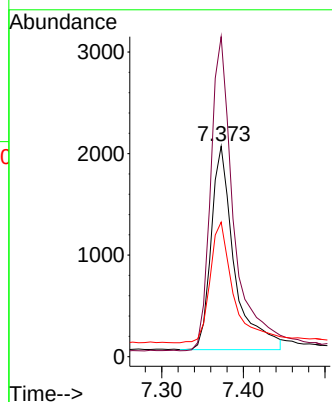


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.373 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN034542.D
 Acq: 11 Oct 2024 05:02

Instrument :
 BNA_N
 ClientSampleId :
 RW7-SP100-20241002

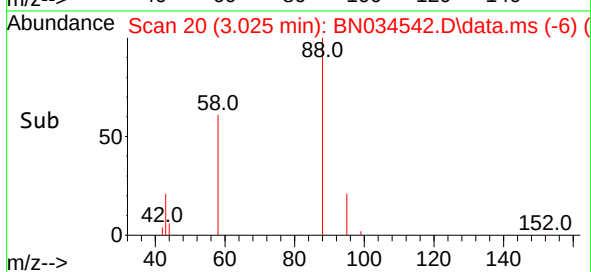
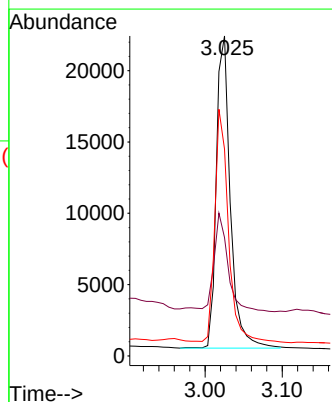
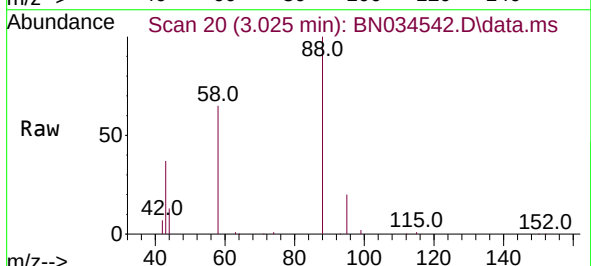


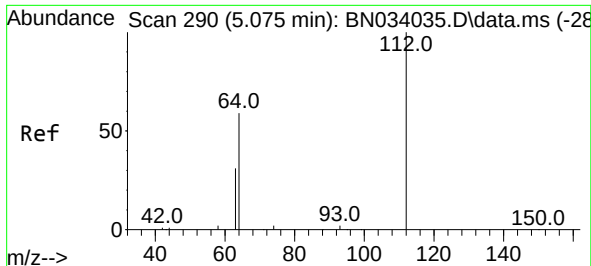
Tgt Ion:152 Resp: 3962
 Ion Ratio Lower Upper
 152 100
 150 152.1 124.6 187.0
 115 64.0 50.0 75.0



#2
 1,4-Dioxane
 Concen: 5.559 ng
 RT: 3.025 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: BN034542.D
 Acq: 11 Oct 2024 05:02

Tgt Ion: 88 Resp: 27535
 Ion Ratio Lower Upper
 88 100
 43 32.4 25.8 38.8
 58 71.7 58.8 88.2





#4

2-Fluorophenol

Concen: 0.130 ng

RT: 5.018 min Scan# 290

Delta R.T. 0.007 min

Lab File: BN034542.D

Acq: 11 Oct 2024 05:02

Instrument :

BNA_N

ClientSampleId :

RW7-SP100-20241002

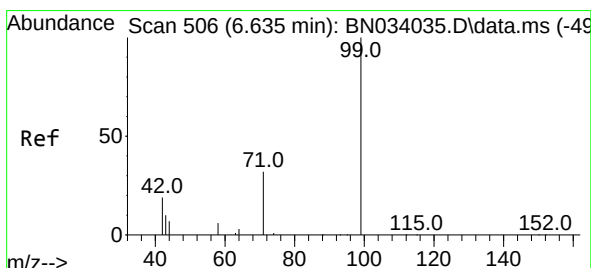
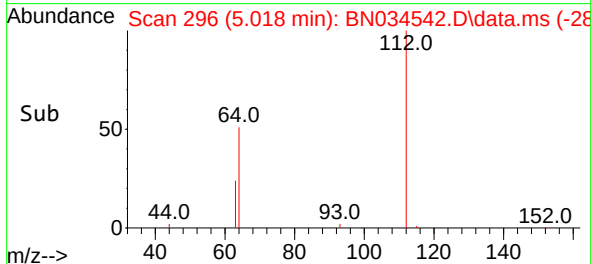
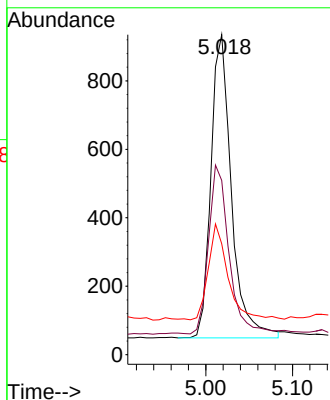
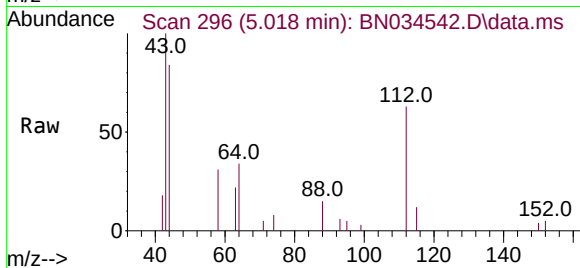
Tgt Ion:112 Resp: 1457

Ion Ratio Lower Upper

112 100

64 54.7 48.6 72.8

63 30.2 25.6 38.4



#5

Phenol-d6

Concen: 0.020 ng

RT: 6.593 min Scan# 514

Delta R.T. 0.022 min

Lab File: BN034542.D

Acq: 11 Oct 2024 05:02

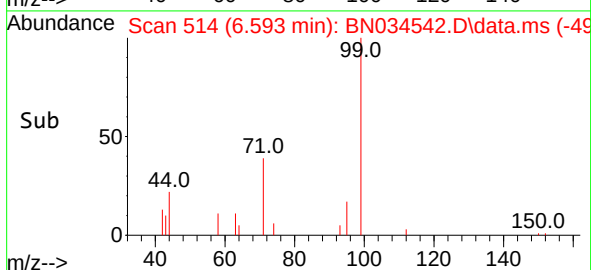
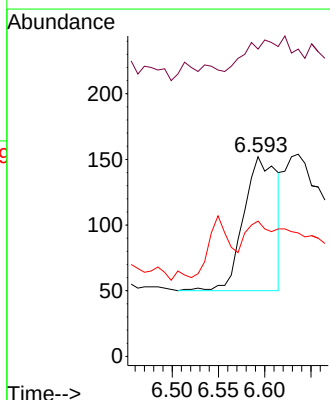
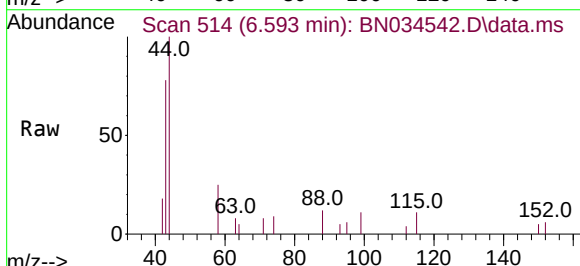
Tgt Ion: 99 Resp: 256

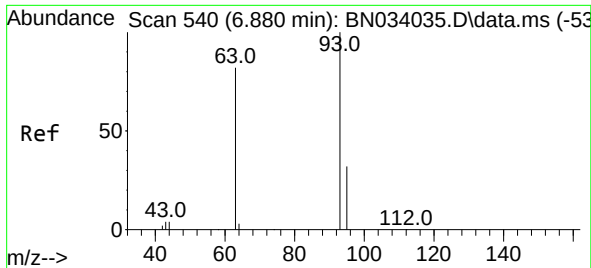
Ion Ratio Lower Upper

99 100

42 0.0 17.8 26.8#

71 16.0 26.2 39.2#

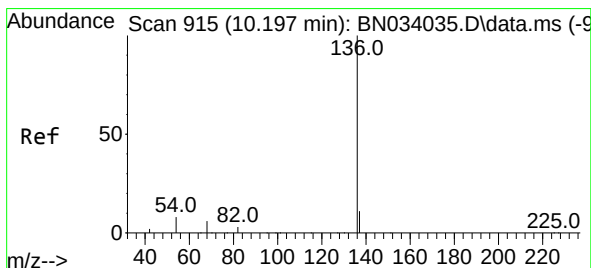
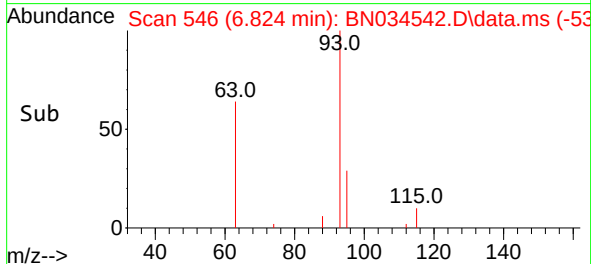
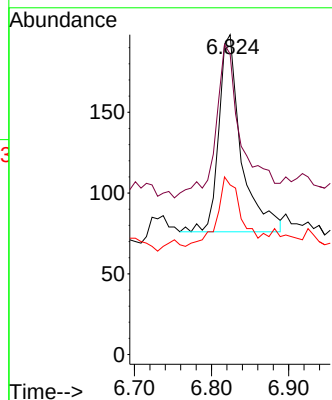
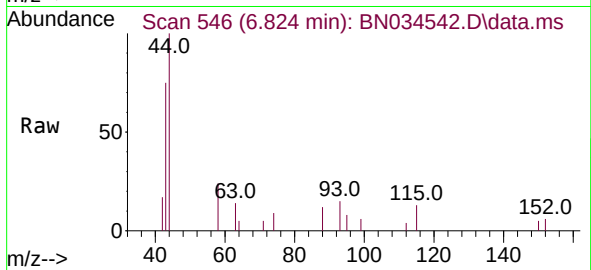




#6
bis(2-Chloroethyl)ether
Concen: 0.021 ng
RT: 6.824 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

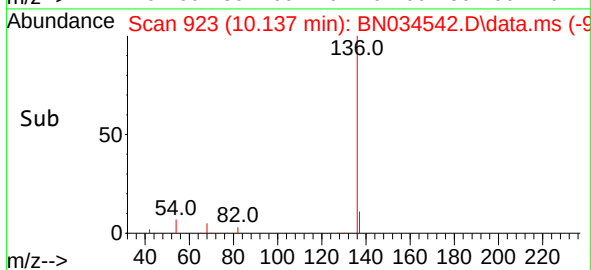
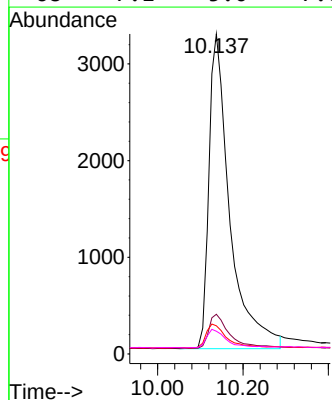
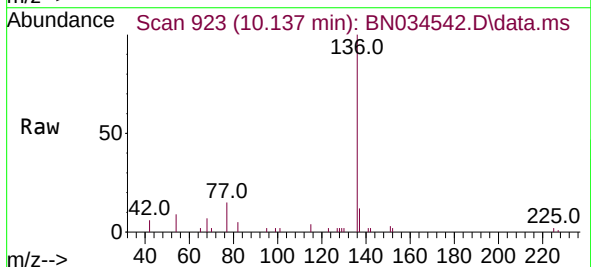
Instrument :
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ClientSampleId :
RW7-SP100-20241002

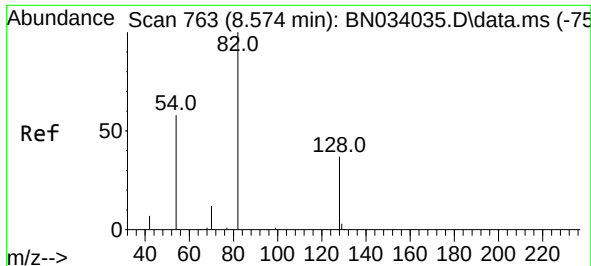
Tgt Ion: 93	Resp:	247
Ion	Ratio	Lower Upper
93	100	
63	89.1	67.3 100.9
95	38.1	26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.137 min Scan# 923
Delta R.T. 0.011 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

Tgt Ion: 136	Resp:	11068
Ion	Ratio	Lower Upper
136	100	
137	12.4	9.0 13.6
54	8.8	6.8 10.2
68	7.1	5.0 7.6

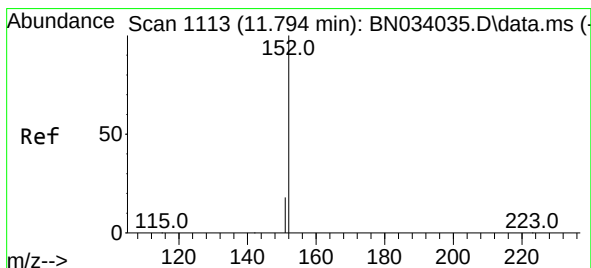
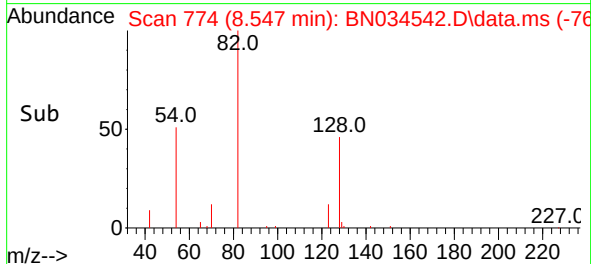
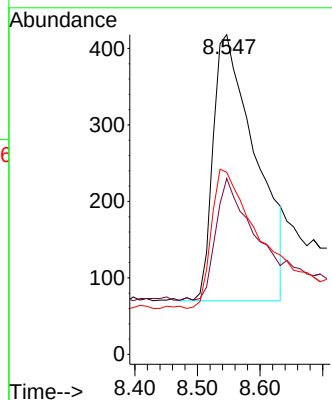
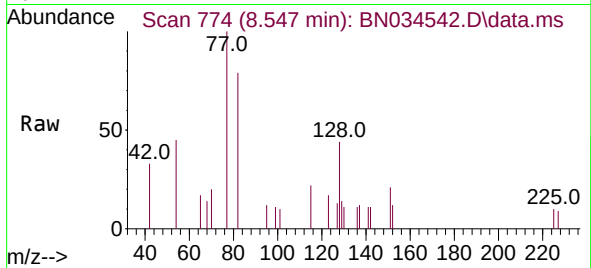




#8
 Nitrobenzene-d5
 Concen: 0.194 ng
 RT: 8.547 min Scan# 71
 Delta R.T. 0.032 min
 Lab File: BN034542.D
 Acq: 11 Oct 2024 05:02

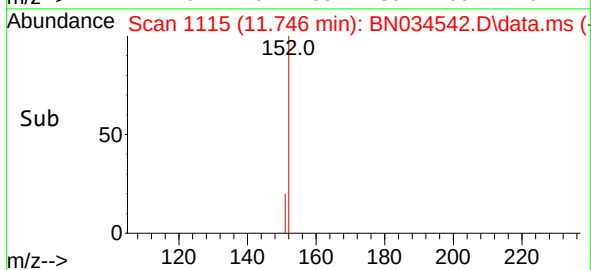
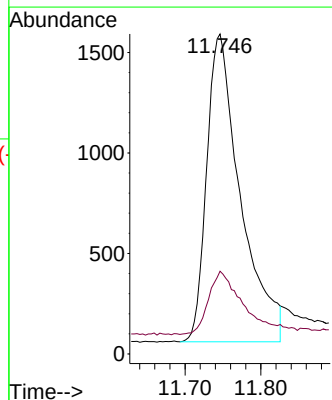
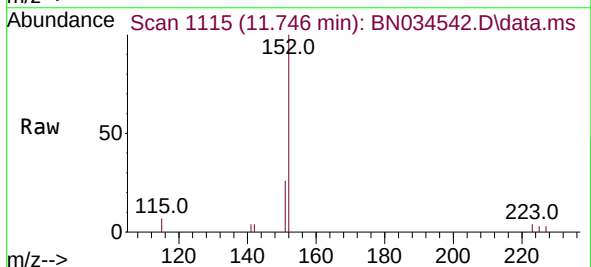
Instrument :
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 ClientSampleId :
 RW7-SP100-20241002

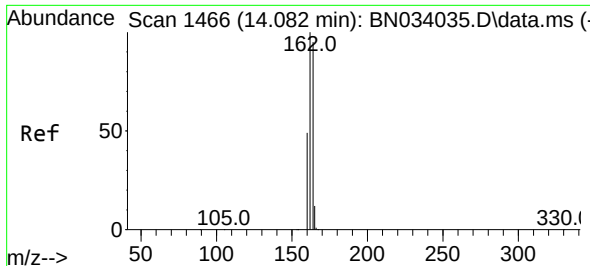
Tgt Ion: 82 Resp: 1646
 Ion Ratio Lower Upper
 82 100
 128 55.0 31.4 47.2#
 54 56.9 47.4 71.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.290 ng
 RT: 11.746 min Scan# 1115
 Delta R.T. 0.019 min
 Lab File: BN034542.D
 Acq: 11 Oct 2024 05:02

Tgt Ion:152 Resp: 4737
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2

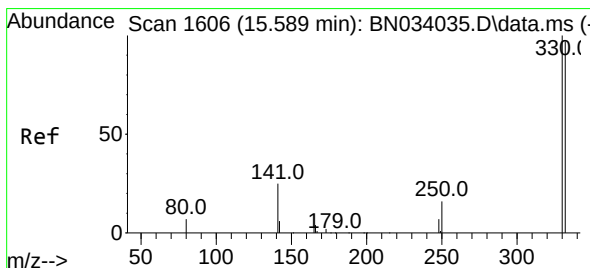
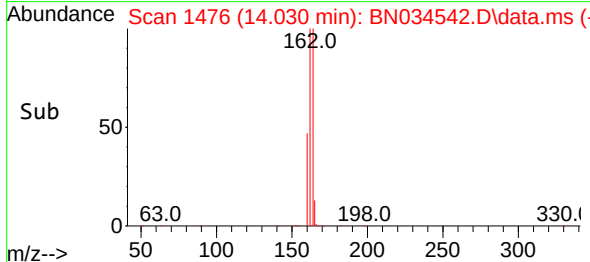
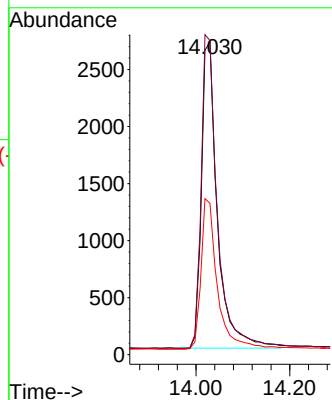
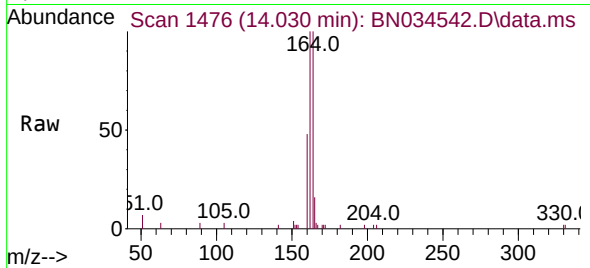




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.030 min Scan# 14
Delta R.T. 0.015 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

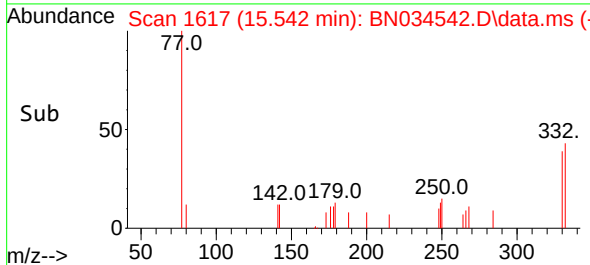
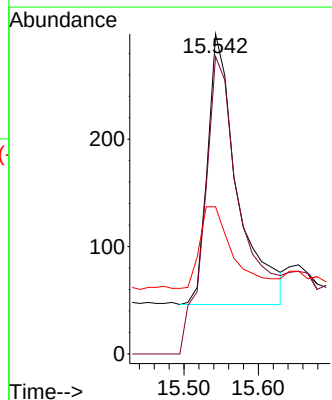
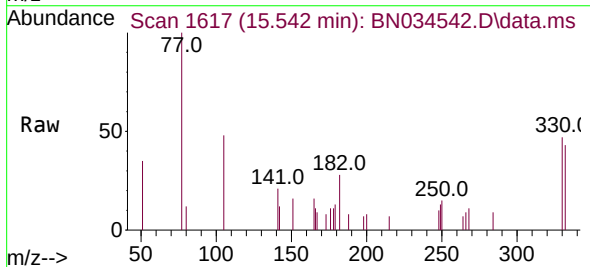
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BNA_N
ClientSampleId :
RW7-SP100-20241002

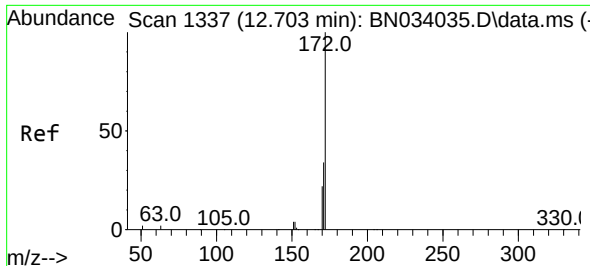
Tgt Ion:164 Resp: 6379
Ion Ratio Lower Upper
164 100
162 100.4 84.2 126.2
160 48.4 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.241 ng
RT: 15.542 min Scan# 1617
Delta R.T. 0.006 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

Tgt Ion:330 Resp: 696
Ion Ratio Lower Upper
330 100
332 146.0 77.4 116.0#
141 32.9 35.9 53.9#

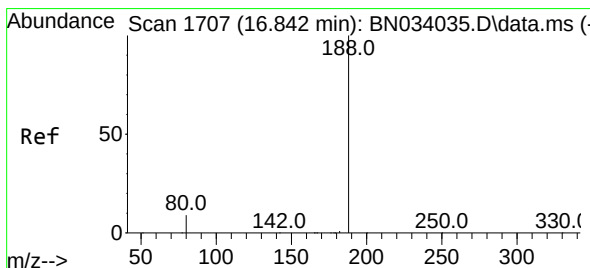
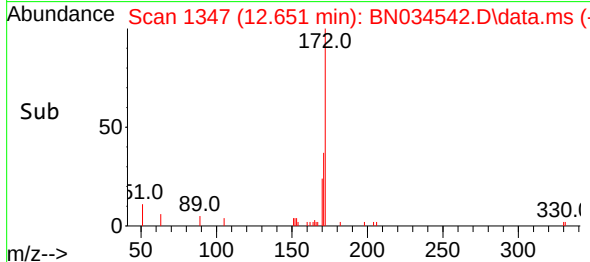
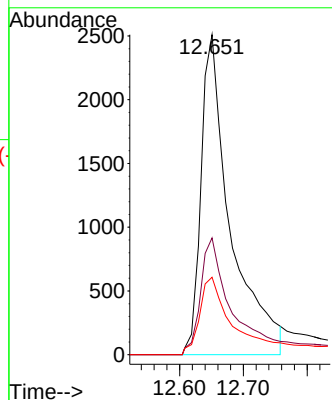
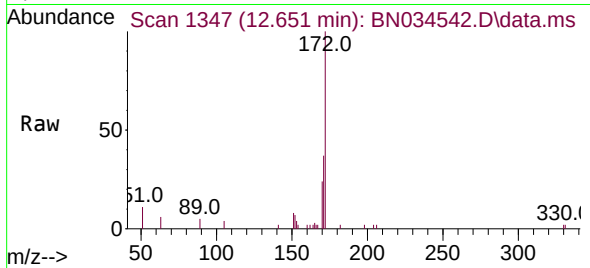




#15
2-Fluorobiphenyl
Concen: 0.285 ng
RT: 12.651 min Scan# 11
Delta R.T. 0.015 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

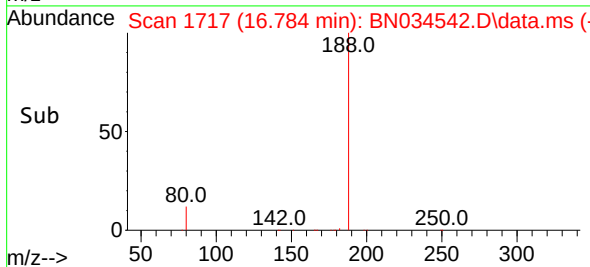
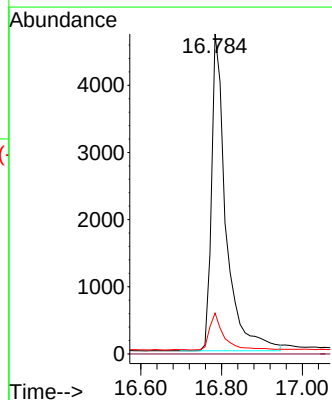
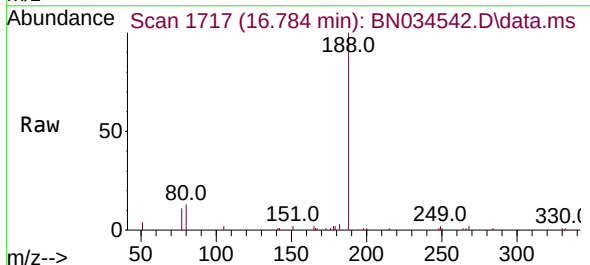
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002

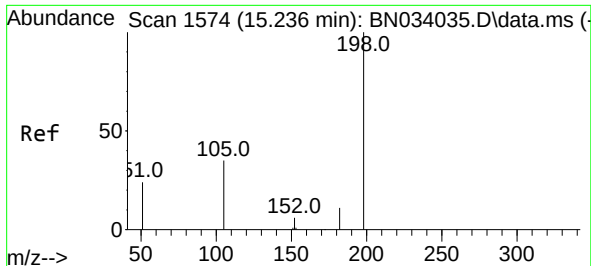
Tgt Ion:172 Resp: 7388
Ion Ratio Lower Upper
172 100
171 36.5 27.3 40.9
170 24.2 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.784 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

Tgt Ion:188 Resp: 11764
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.7 7.4 11.0#

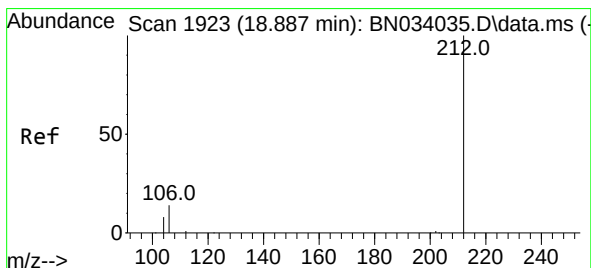
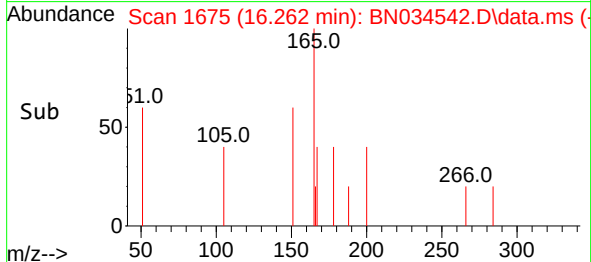
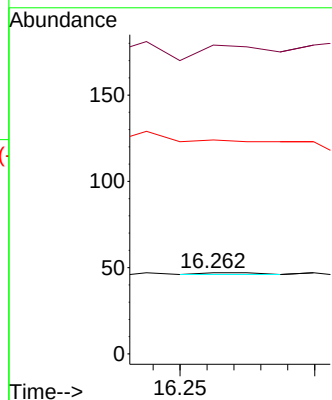
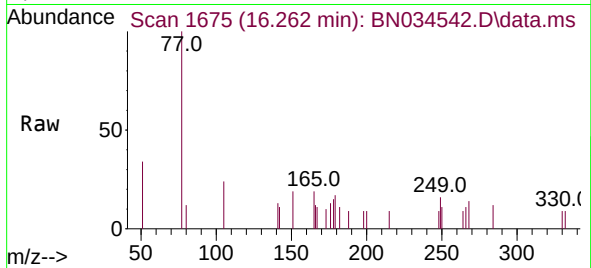




#20
4,6-Dinitro-2-methylphenol
Concen: 0.138 ng
RT: 16.262 min Scan# 1
Delta R.T. -0.019 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

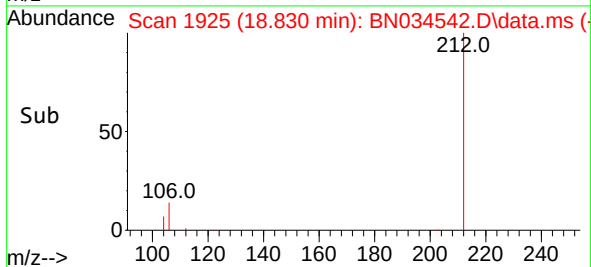
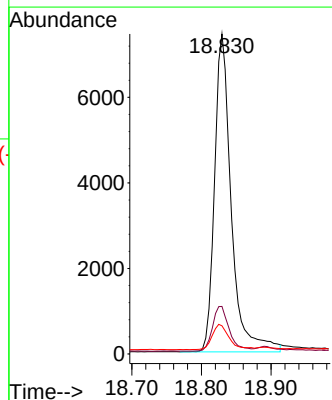
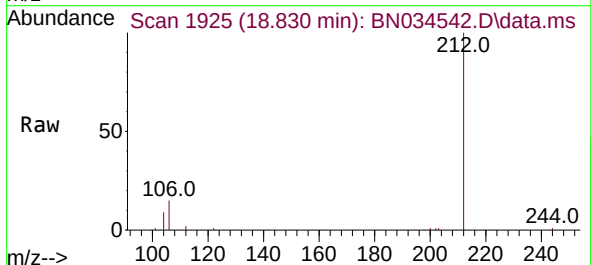
Instrument :
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RW7-SP100-20241002

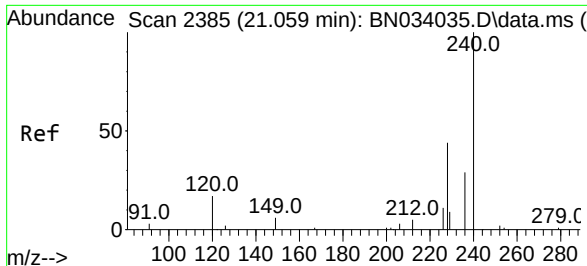
Tgt Ion:198 Resp: 1
Ion Ratio Lower Upper
198 100
51 380.9 106.4 159.6#
105 263.8 38.5 57.7#



#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 18.830 min Scan# 1925
Delta R.T. 0.002 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

Tgt Ion:212 Resp: 12414
Ion Ratio Lower Upper
212 100
106 14.0 13.4 20.2
104 8.0 7.8 11.6

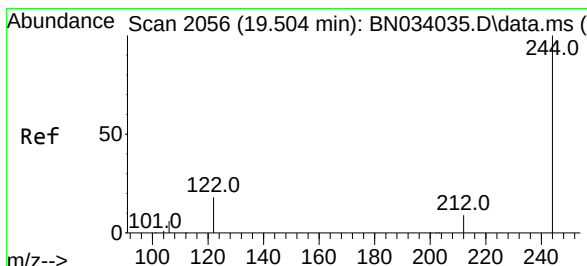
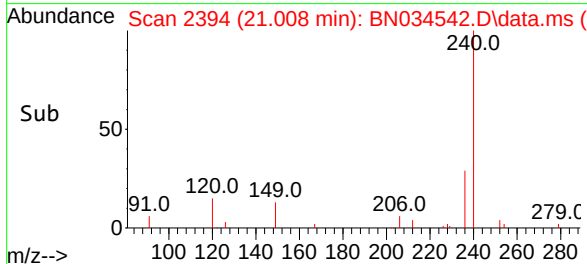
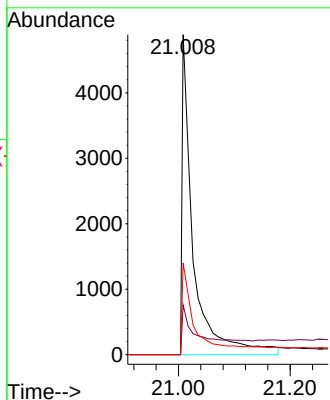
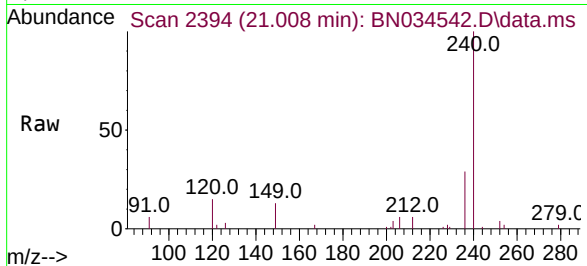




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.008 min Scan# 21
Delta R.T. 0.002 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

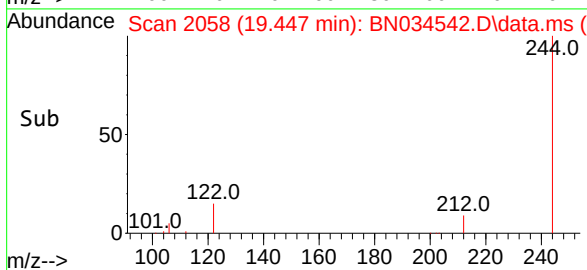
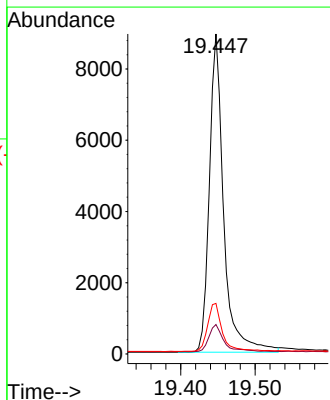
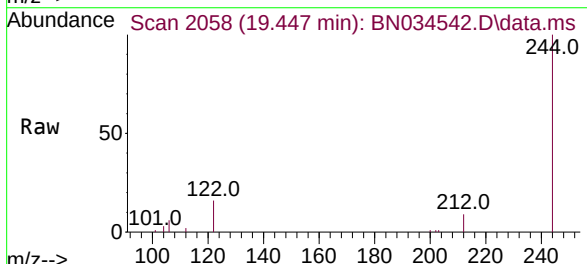
Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002

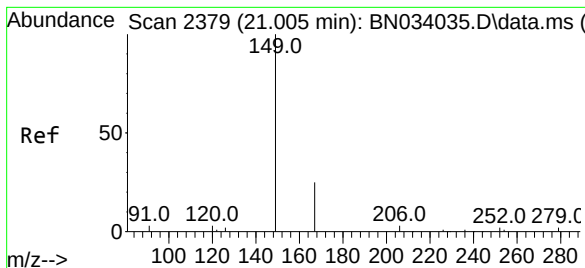
Tgt Ion:240 Resp: 7091
Ion Ratio Lower Upper
240 100
120 15.5 13.5 20.3
236 28.6 23.4 35.0



#31
Terphenyl-d14
Concen: 0.845 ng
RT: 19.447 min Scan# 2058
Delta R.T. -0.002 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

Tgt Ion:244 Resp: 11961
Ion Ratio Lower Upper
244 100
212 9.2 7.8 11.6
122 15.8 14.8 22.2

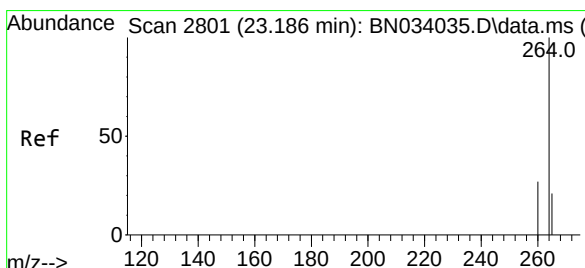
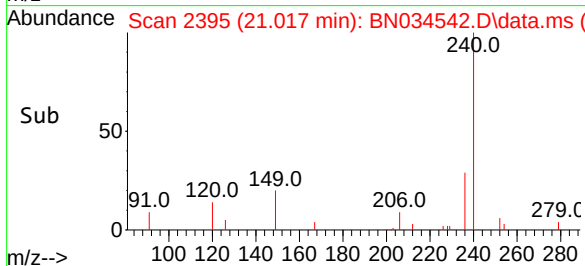
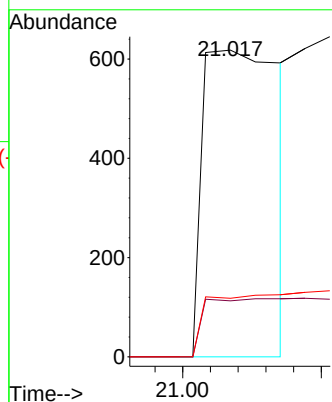
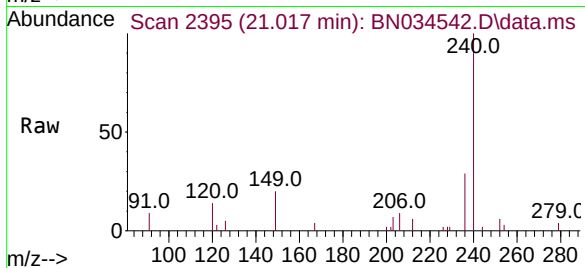




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.112 ng
RT: 21.017 min Scan# 2104
Delta R.T. 0.012 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

Instrument :
BNA_N
ClientSampleId :
RW7-SP100-20241002

Tgt Ion:149 Resp: 1049
Ion Ratio Lower Upper
149 100
167 0.0 19.9 29.9#
279 0.0 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.113 min Scan# 2792
Delta R.T. -0.001 min
Lab File: BN034542.D
Acq: 11 Oct 2024 05:02

Tgt Ion:264 Resp: 9839
Ion Ratio Lower Upper
264 100
260 26.6 21.7 32.5
265 89.5 52.1 78.1#

