

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100924\
 Data File : BN034508.D
 Acq On : 09 Oct 2024 17:25
 Operator : RC/JU
 Sample : P4231-03
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01D-20240926

Quant Time: Oct 09 17:52:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 26 14:44:02 2024
 Response via : Initial Calibration

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

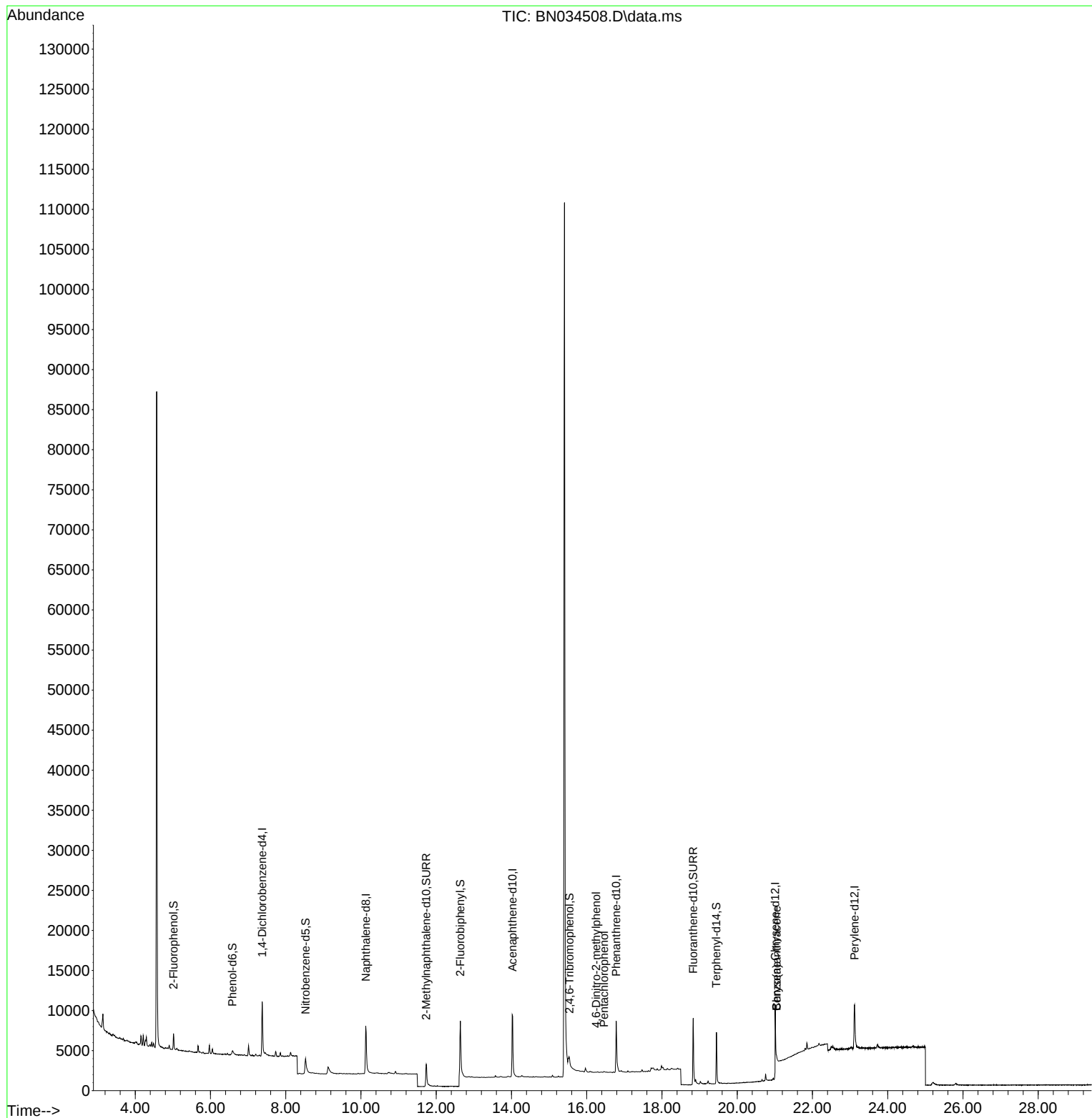
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.373	152	3869	0.400	ng	-0.02
7) Naphthalene-d8	10.127	136	10546	0.400	ng	#-0.02
13) Acenaphthene-d10	14.030	164	5751	0.400	ng	-0.02
19) Phenanthrene-d10	16.784	188	10519	0.400	ng	#-0.02
29) Chrysene-d12	21.008	240	6467	0.400	ng	0.00
35) Perylene-d12	23.119	264	8113	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.018	112	1570	0.143	ng	-0.01
5) Phenol-d6	6.585	99	782	0.061	ng	-0.01
8) Nitrobenzene-d5	8.525	82	2437	0.302	ng	-0.01
11) 2-Methylnaphthalene-d10	11.735	152	5256	0.337	ng	-0.02
14) 2,4,6-Tribromophenol	15.542	330	792	0.304	ng	0.00
15) 2-Fluorobiphenyl	12.640	172	8351	0.357	ng	-0.02
27) Fluoranthene-d10	18.829	212	10098	0.380	ng	-0.02
31) Terphenyl-d14	19.447	244	7186	0.556	ng	-0.02
Target Compounds						Qvalue
20) 4,6-Dinitro-2-methylph...	16.250	198	7	0.141	ng	# 1
24) Pentachlorophenol	16.461	266	126	0.057	ng	93
32) Benzo(a)anthracene	21.044	228	618	0.030	ng	# 66
33) Chrysene	21.044	228	867	0.036	ng	# 70

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

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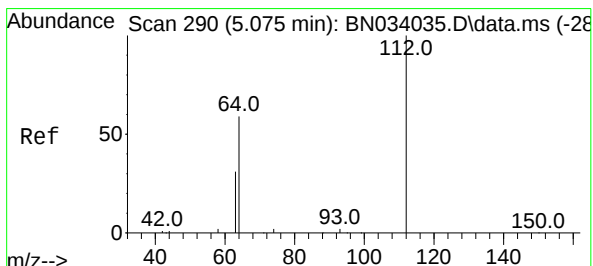
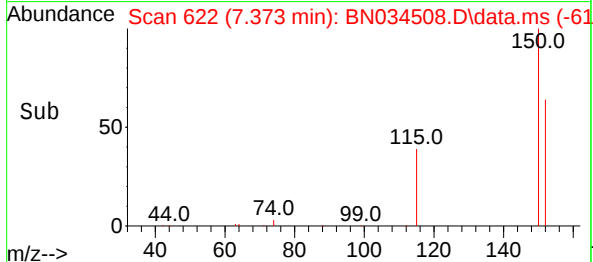
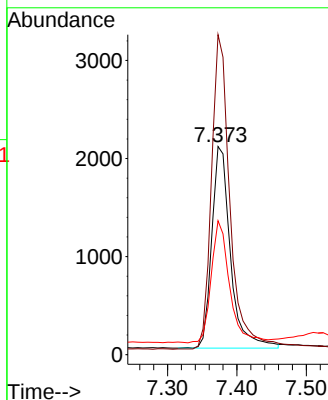
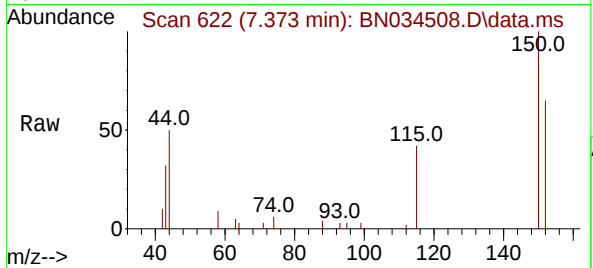




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.021 min
Lab File: BN034508.D
Acq: 09 Oct 2024 17:25

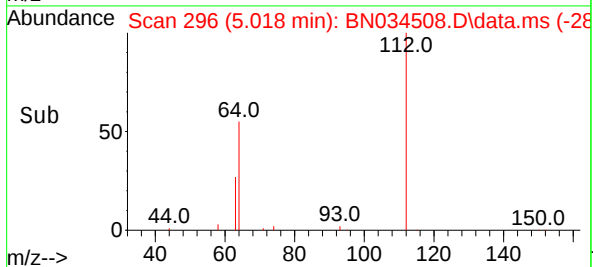
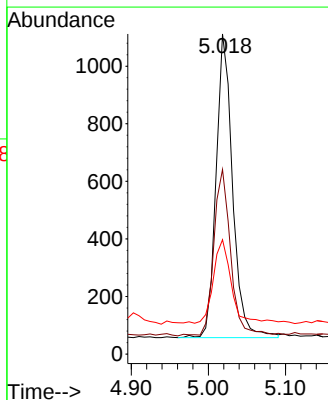
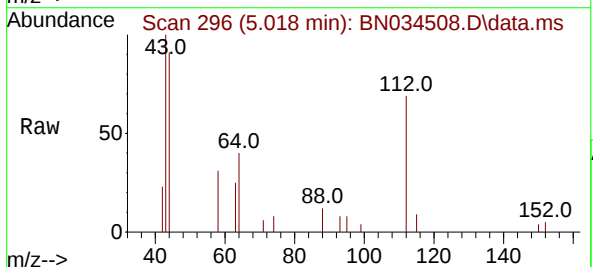
Instrument :
BNA_N
ClientSampleId :
RW10-MW01D-20240926

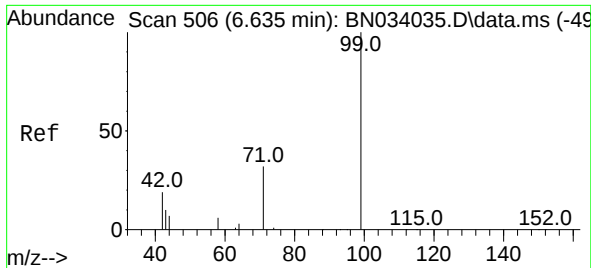
Tgt Ion:152 Resp: 3869
Ion Ratio Lower Upper
152 100
150 153.8 124.6 187.0
115 64.4 50.0 75.0



#4
2-Fluorophenol
Concen: 0.143 ng
RT: 5.018 min Scan# 296
Delta R.T. -0.014 min
Lab File: BN034508.D
Acq: 09 Oct 2024 17:25

Tgt Ion:112 Resp: 1570
Ion Ratio Lower Upper
112 100
64 56.1 48.6 72.8
63 29.7 25.6 38.4

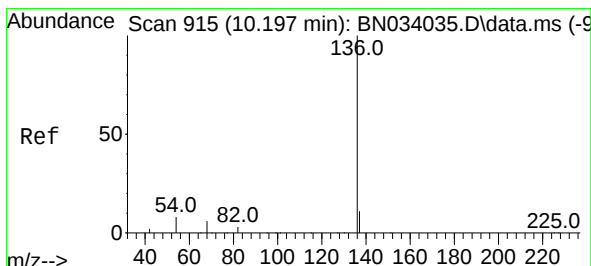
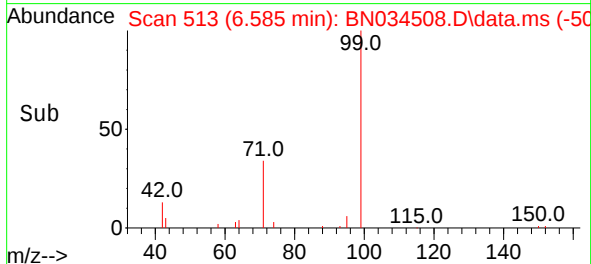
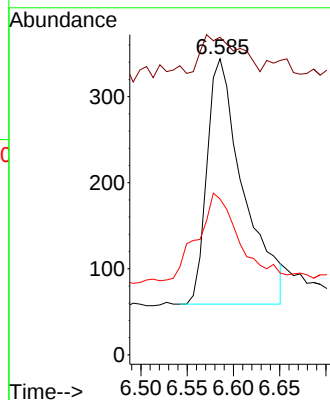
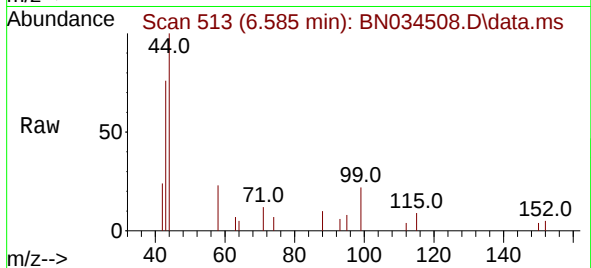




#5
Phenol-d6
Concen: 0.061 ng
RT: 6.585 min Scan# 513
Delta R.T. -0.014 min
Lab File: BN034508.D
Acq: 09 Oct 2024 17:25

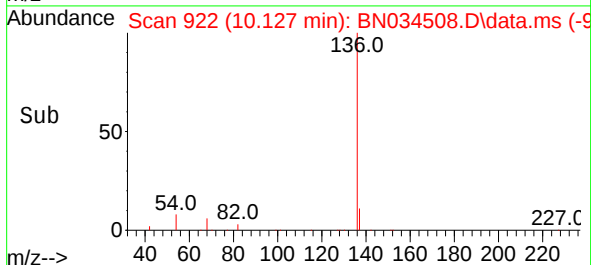
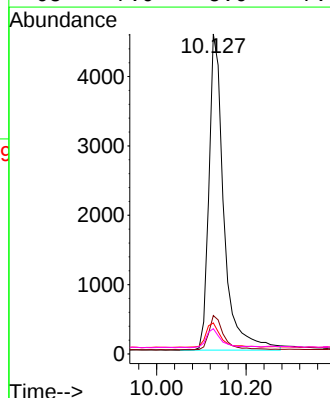
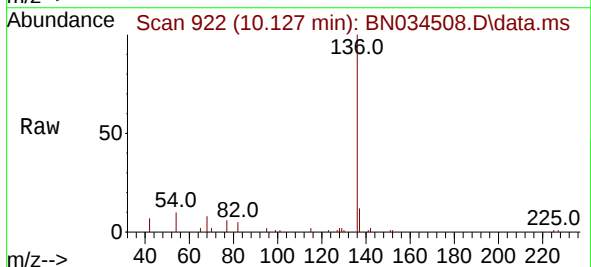
Instrument :
BNA_N
ClientSampleId :
RW10-MW01D-20240926

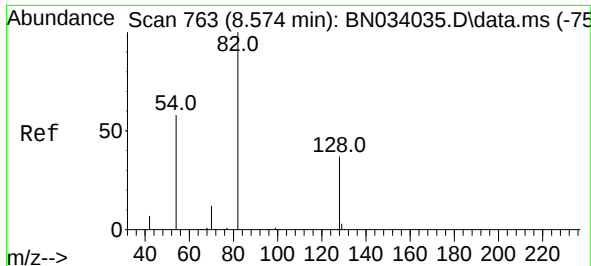
Tgt Ion: 99 Resp: 782
Ion Ratio Lower Upper
99 100
42 15.7 17.8 26.8#
71 40.4 26.2 39.2#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.127 min Scan# 922
Delta R.T. -0.021 min
Lab File: BN034508.D
Acq: 09 Oct 2024 17:25

Tgt Ion: 136 Resp: 10546
Ion Ratio Lower Upper
136 100
137 12.0 9.0 13.6
54 9.7 6.8 10.2
68 7.9 5.0 7.6#

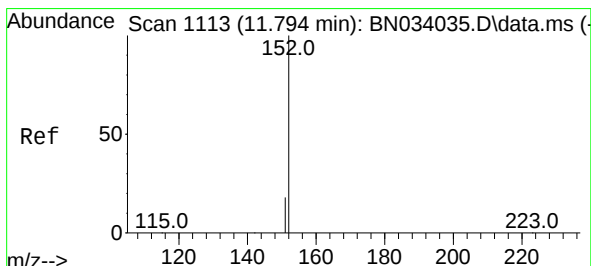
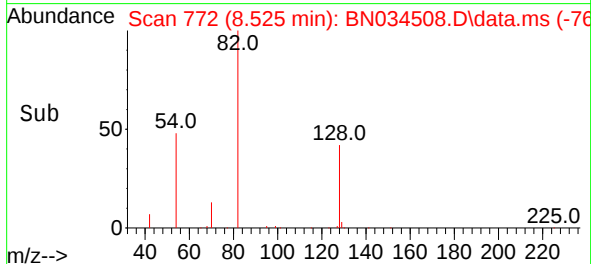
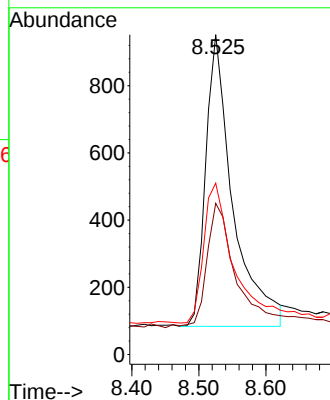
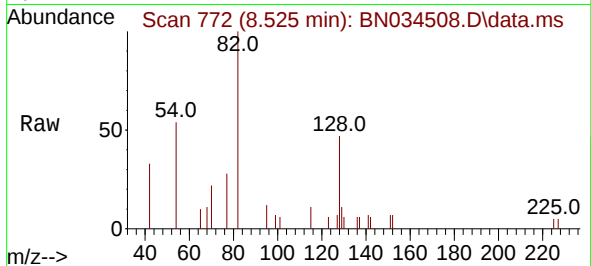




#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 8.525 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN034508.D
Acq: 09 Oct 2024 17:25

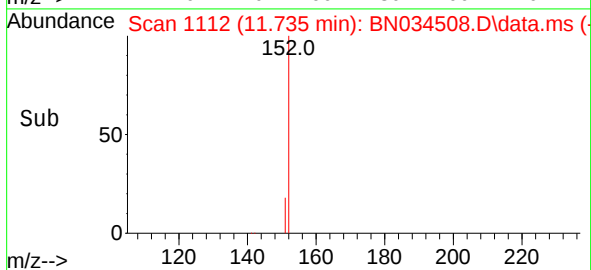
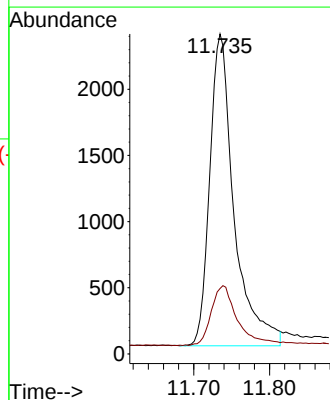
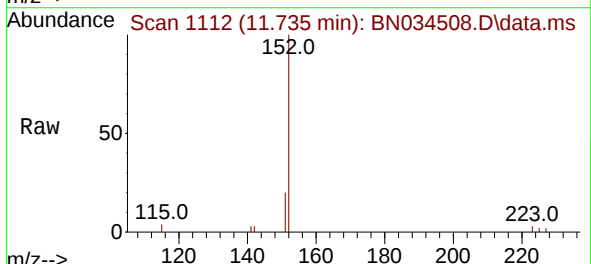
Instrument :
BNA_N
ClientSampleId :
RW10-MW01D-20240926

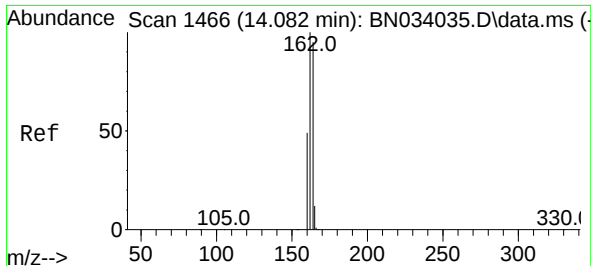
Tgt Ion: 82 Resp: 2437
Ion Ratio Lower Upper
82 100
128 47.3 31.4 47.2#
54 53.6 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.337 ng
RT: 11.735 min Scan# 1112
Delta R.T. -0.019 min
Lab File: BN034508.D
Acq: 09 Oct 2024 17:25

Tgt Ion:152 Resp: 5256
Ion Ratio Lower Upper
152 100
151 20.7 16.8 25.2

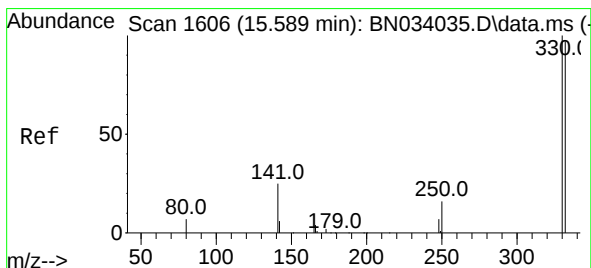
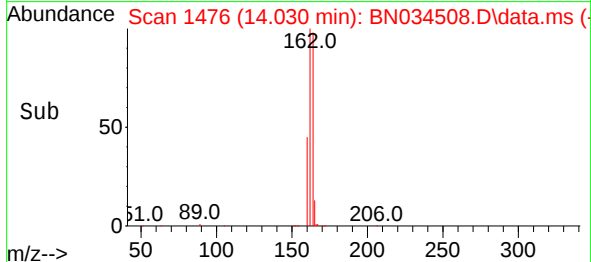
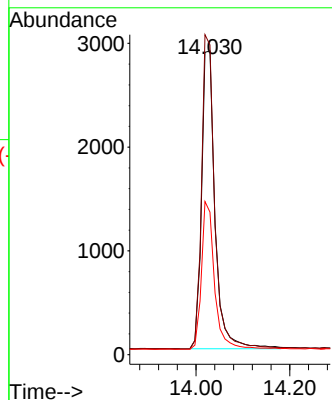
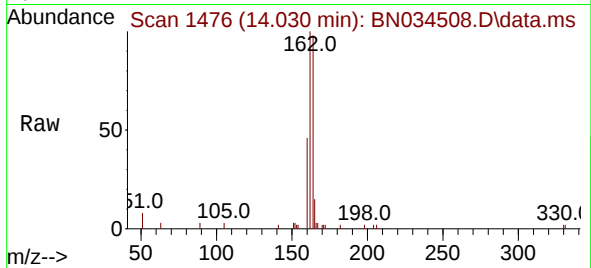




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.030 min Scan# 1466
Delta R.T. -0.017 min
Lab File: BN034508.D
Acq: 09 Oct 2024 17:25

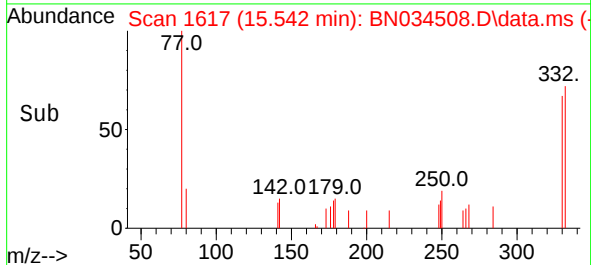
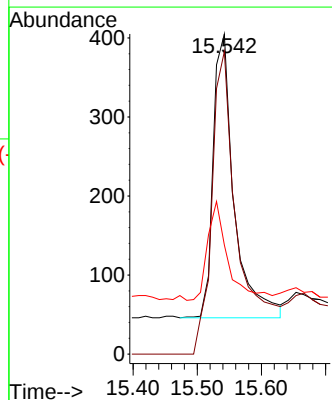
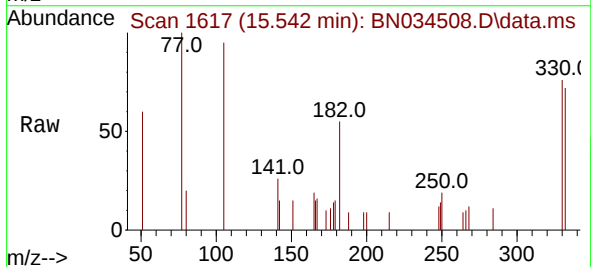
Instrument :
BNA_N
ClientSampleId :
RW10-MW01D-20240926

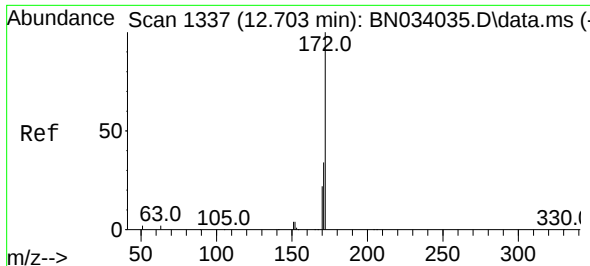
Tgt Ion:164 Resp: 5751
Ion Ratio Lower Upper
164 100
162 102.0 84.2 126.2
160 46.9 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.542 min Scan# 1617
Delta R.T. -0.007 min
Lab File: BN034508.D
Acq: 09 Oct 2024 17:25

Tgt Ion:330 Resp: 792
Ion Ratio Lower Upper
330 100
332 140.4 77.4 116.0#
141 34.1 35.9 53.9#

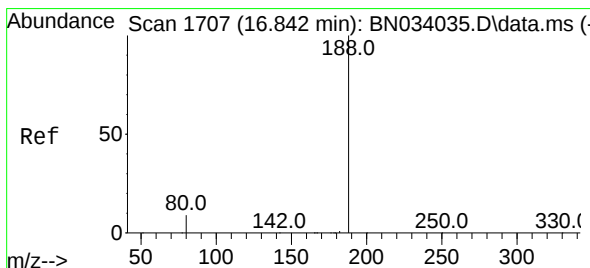
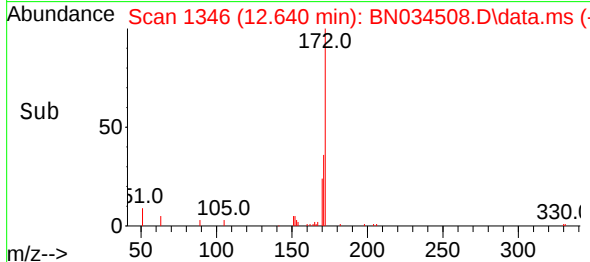
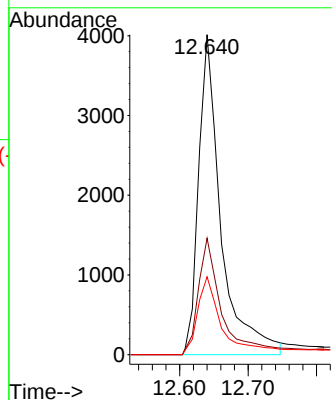
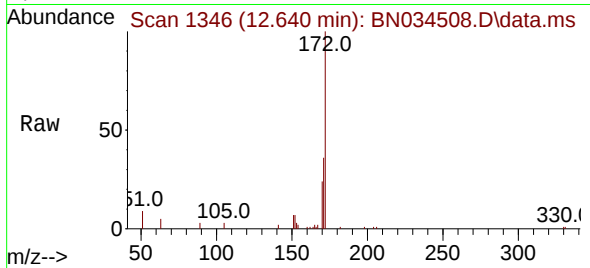




#15
2-Fluorobiphenyl
Concen: 0.357 ng
RT: 12.640 min Scan# 1337
Delta R.T. -0.017 min
Lab File: BN034508.D
Acq: 09 Oct 2024 17:25

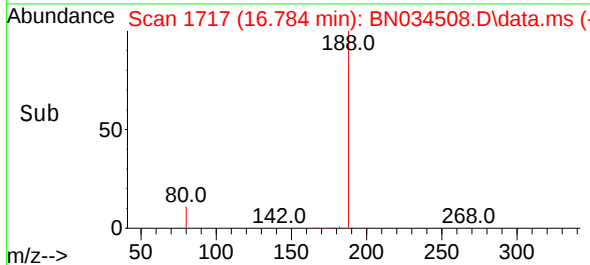
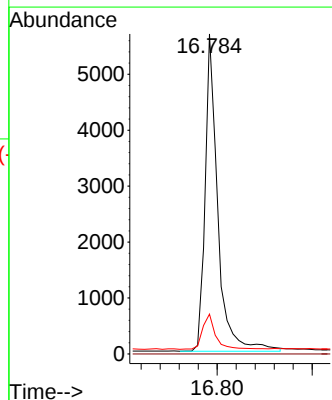
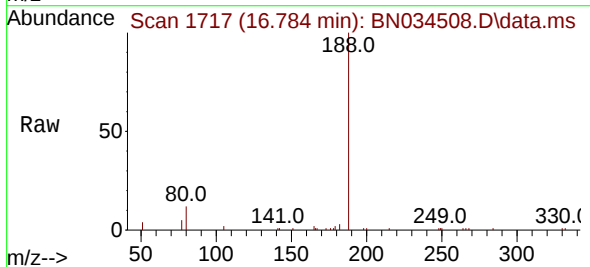
Instrument :
BNA_N
ClientSampleId :
RW10-MW01D-20240926

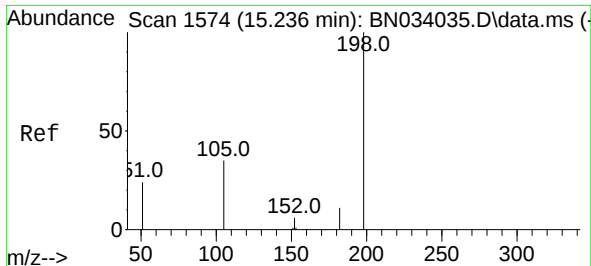
Tgt Ion:172	Resp:	8351
Ion Ratio	Lower	Upper
172	100	
171	36.4	27.3 40.9
170	24.3	18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.784 min Scan# 1717
Delta R.T. -0.019 min
Lab File: BN034508.D
Acq: 09 Oct 2024 17:25

Tgt Ion:188	Resp:	10519
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	12.4	7.4 11.0#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.141 ng

RT: 16.250 min Scan# 1

Delta R.T. -0.056 min

Lab File: BN034508.D

Acq: 09 Oct 2024 17:25

Instrument :

BNA_N

ClientSampleId :

RW10-MW01D-20240926

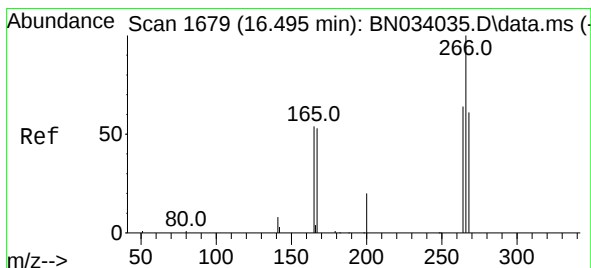
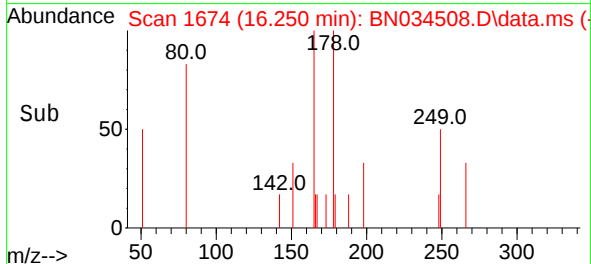
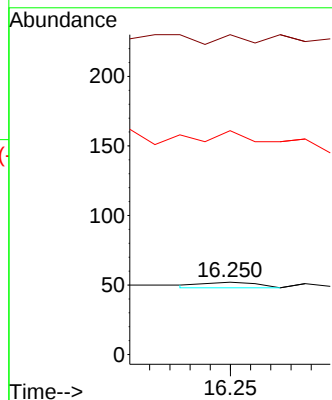
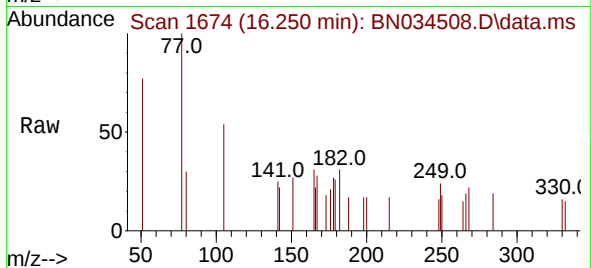
Tgt Ion:198 Resp: 7

Ion Ratio Lower Upper

198 100

51 442.3 106.4 159.6#

105 309.6 38.5 57.7#



#24

Pentachlorophenol

Concen: 0.057 ng

RT: 16.461 min Scan# 1691

Delta R.T. -0.007 min

Lab File: BN034508.D

Acq: 09 Oct 2024 17:25

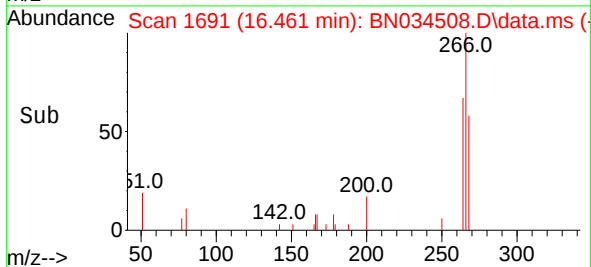
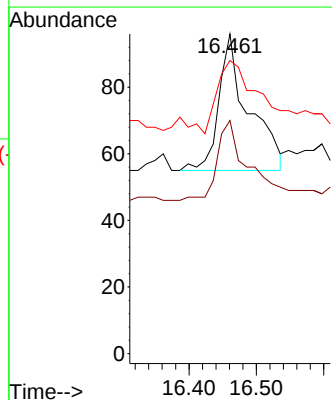
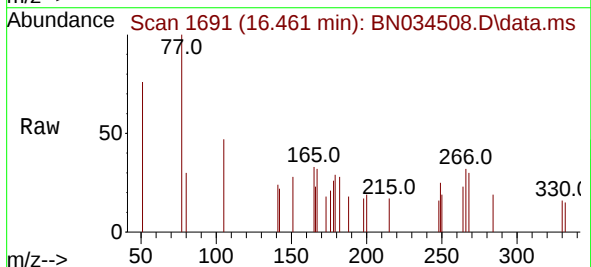
Tgt Ion:266 Resp: 126

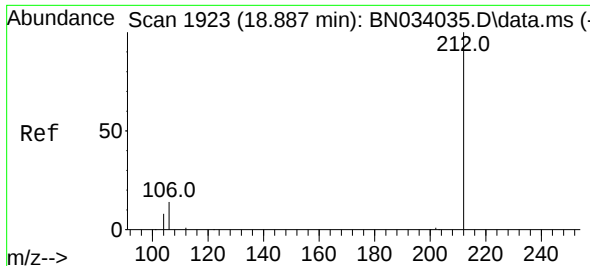
Ion Ratio Lower Upper

266 100

264 61.1 50.2 75.2

268 72.2 51.0 76.4





#27

Fluoranthene-d10

Concen: 0.380 ng

RT: 18.829 min Scan# 1925

Delta R.T. -0.016 min

Lab File: BN034508.D

Acq: 09 Oct 2024 17:25

Instrument :

BNA_N

ClientSampleId :

RW10-MW01D-20240926

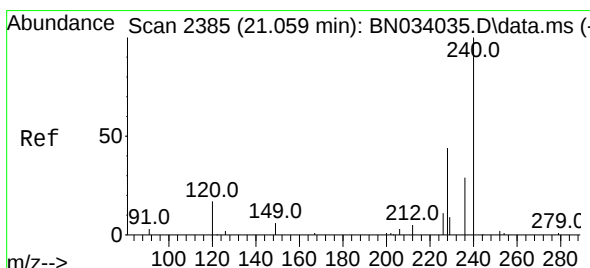
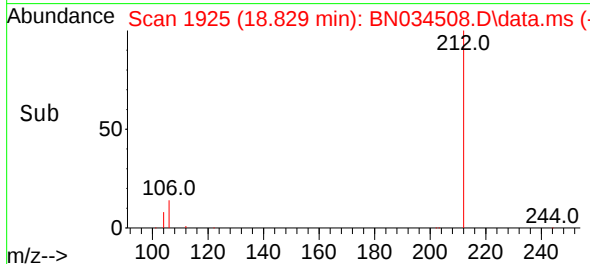
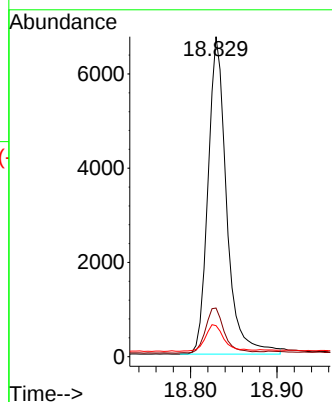
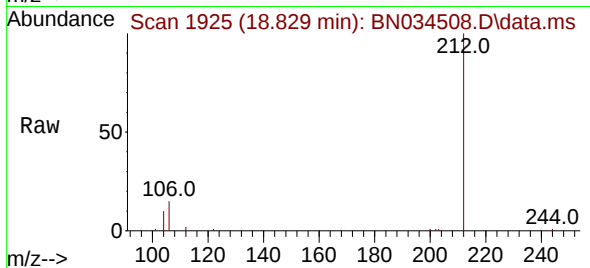
Tgt Ion:212 Resp: 10098

Ion Ratio Lower Upper

212 100

106 14.4 13.4 20.2

104 8.4 7.8 11.6



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.008 min Scan# 2394

Delta R.T. -0.006 min

Lab File: BN034508.D

Acq: 09 Oct 2024 17:25

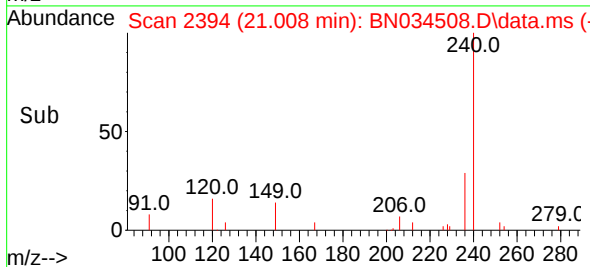
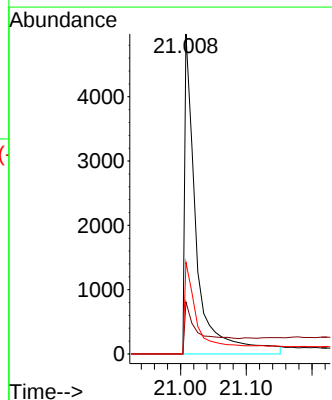
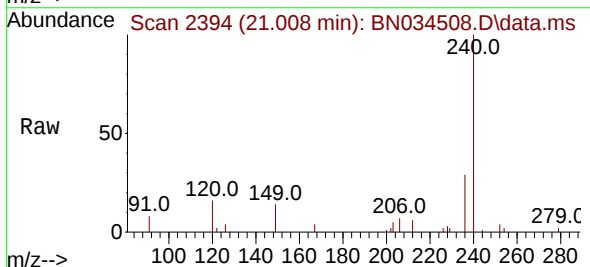
Tgt Ion:240 Resp: 6467

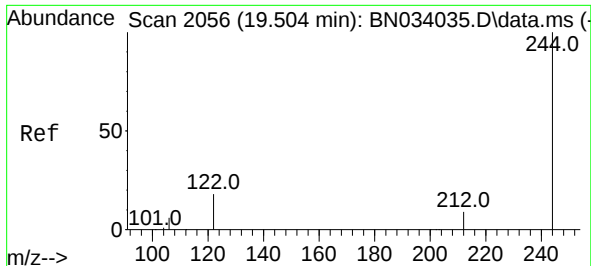
Ion Ratio Lower Upper

240 100

120 16.2 13.5 20.3

236 28.7 23.4 35.0

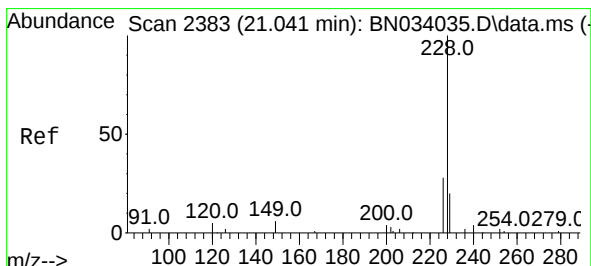
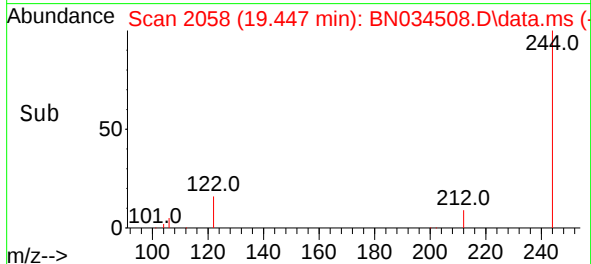
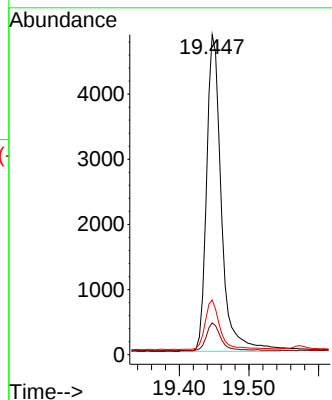
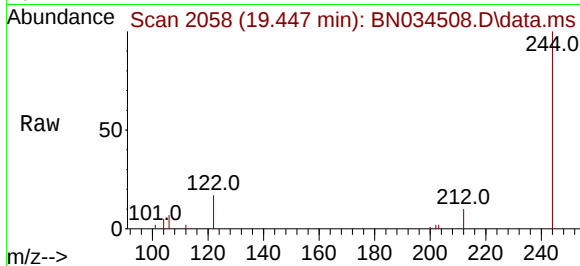




#31
 Terphenyl-d14
 Concen: 0.556 ng
 RT: 19.447 min Scan# 2056
 Delta R.T. -0.021 min
 Lab File: BN034508.D
 Acq: 09 Oct 2024 17:25

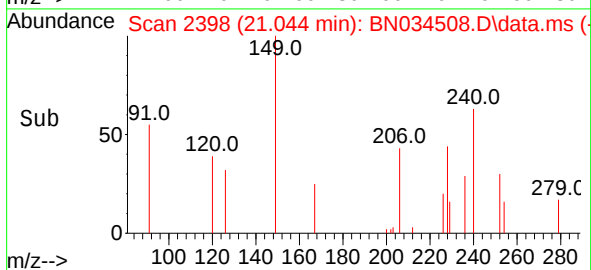
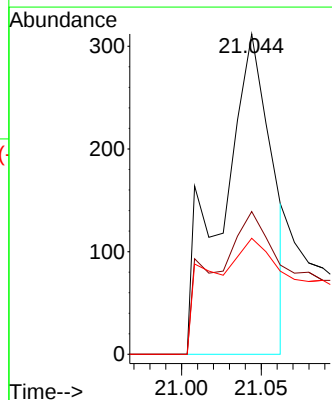
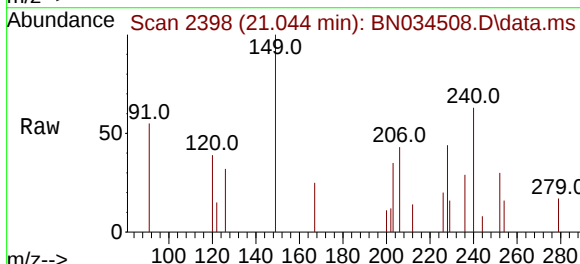
Instrument :
 BNA_N
 ClientSampleId :
 RW10-MW01D-20240926

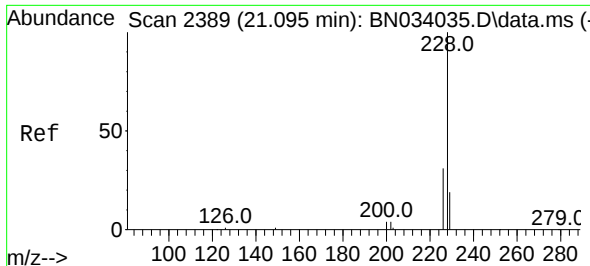
Tgt Ion:244 Resp: 7186
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.8 11.6
 122 17.1 14.8 22.2



#32
 Benzo(a)anthracene
 Concen: 0.030 ng
 RT: 21.044 min Scan# 2398
 Delta R.T. 0.038 min
 Lab File: BN034508.D
 Acq: 09 Oct 2024 17:25

Tgt Ion:228 Resp: 618
 Ion Ratio Lower Upper
 228 100
 226 44.6 22.3 33.5#
 229 36.2 15.7 23.5#





#33

Chrysene

Concen: 0.036 ng

RT: 21.044 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN034508.D

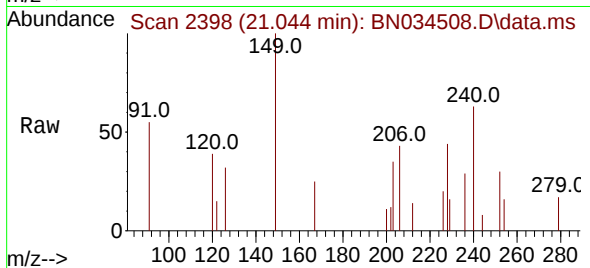
Acq: 09 Oct 2024 17:25

Instrument :

BNA_N

ClientSampleId :

RW10-MW01D-20240926



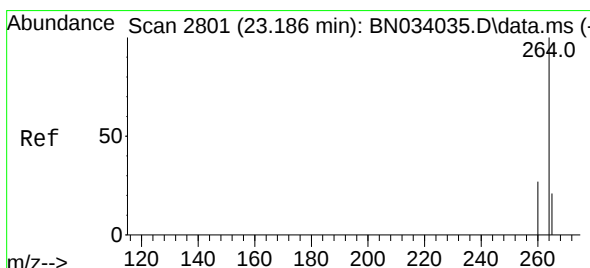
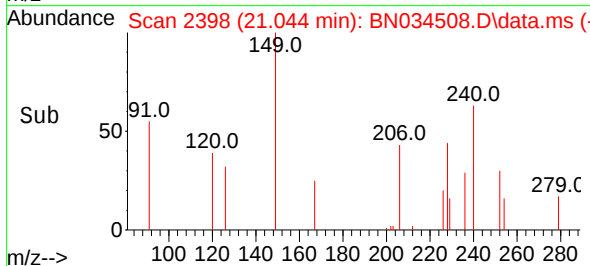
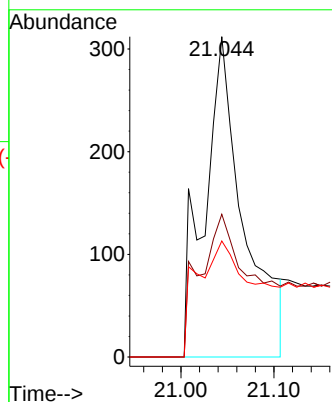
Tgt Ion:228 Resp: 867

Ion Ratio Lower Upper

228 100

226 44.6 24.6 37.0#

229 36.2 15.5 23.3#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.119 min Scan# 2794

Delta R.T. -0.009 min

Lab File: BN034508.D

Acq: 09 Oct 2024 17:25

Tgt Ion:264 Resp: 8113

Ion Ratio Lower Upper

264 100

260 25.9 21.7 32.5

265 106.8 52.1 78.1#

