

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
 Data File : BN034229.D
 Acq On : 25 Sep 2024 17:45
 Operator : RC/JU
 Sample : P3970-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-HYD-20240910RE

Quant Time: Sep 25 18:11:32 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 18 16:09:28 2024
 Response via : Initial Calibration

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

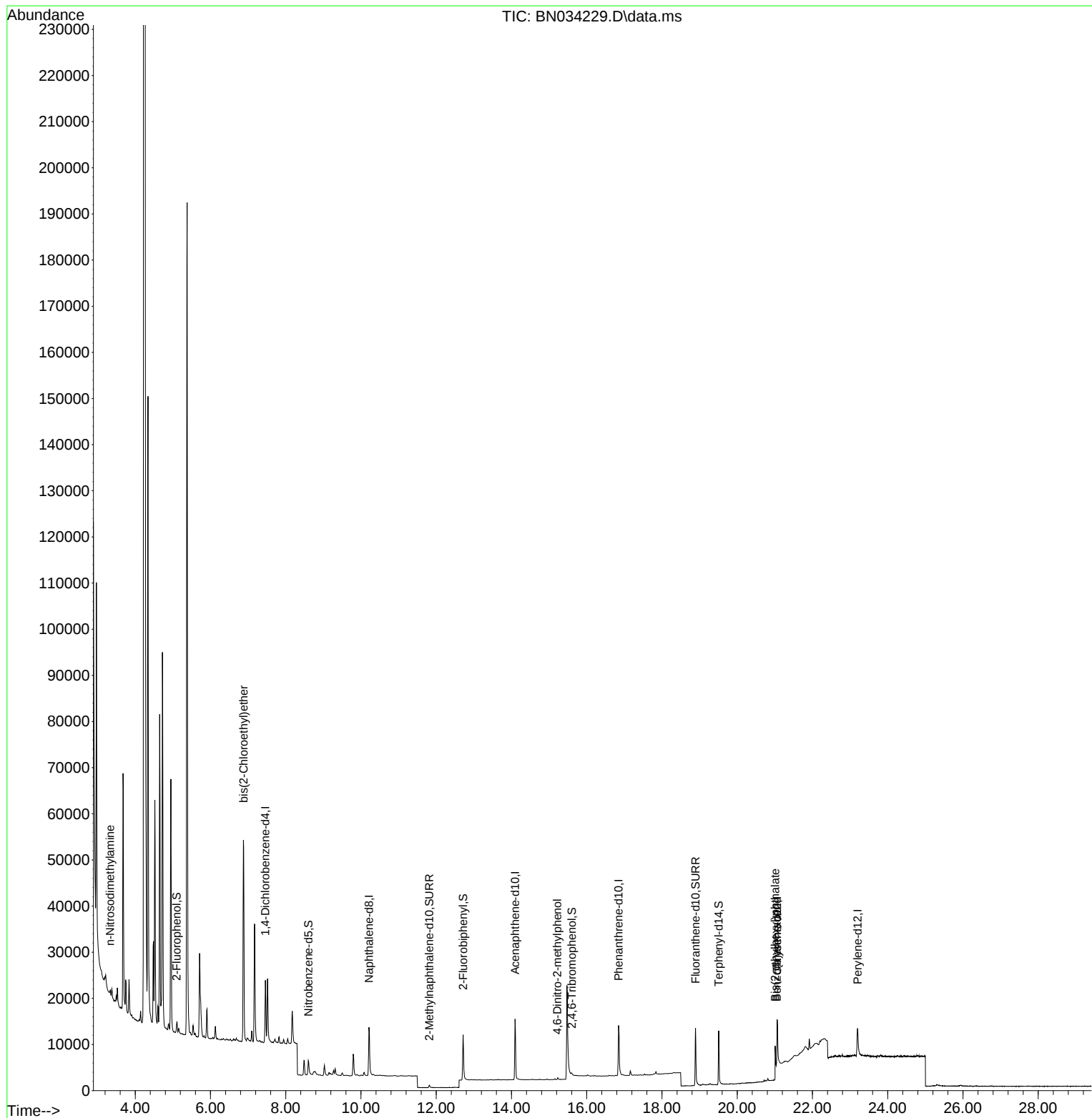
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.459	152	5981	0.400	ng	0.02
7) Naphthalene-d8	10.212	136	16458	0.400	ng	# 0.02
13) Acenaphthene-d10	14.094	164	8439	0.400	ng	0.01
19) Phenanthrene-d10	16.846	188	17941	0.400	ng	# 0.00
29) Chrysene-d12	21.062	240	13121	0.400	ng	# 0.00
35) Perylene-d12	23.198	264	10591	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.098	112	812	0.048	ng	0.02
5) Phenol-d6	6.650	99	7	0.000	ng	0.02
8) Nitrobenzene-d5	8.600	82	3541	0.281	ng	0.03
11) 2-Methylnaphthalene-d10	11.814	152	897	0.037	ng	0.02
14) 2,4,6-Tribromophenol	15.604	330	357	0.093	ng	0.02
15) 2-Fluorobiphenyl	12.715	172	10049	0.293	ng	0.01
27) Fluoranthene-d10	18.890	212	15116	0.334	ng	0.00
31) Terphenyl-d14	19.508	244	12510	0.477	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.335	42	1693	0.199	ng	# 1
6) bis(2-Chloroethyl)ether	6.882	93	31068	1.779	ng	# 38
20) 4,6-Dinitro-2-methylph...	15.216	198	8	0.140	ng	# 1
32) Benzo(a)anthracene	21.053	228	1319	0.032	ng	# 80
34) Bis(2-ethylhexyl)phtha...	21.008	149	5036	0.291	ng	# 97

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

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Sample : P3970-03RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240910RE

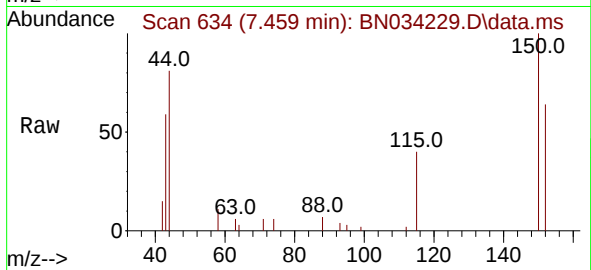
Quant Time: Sep 25 18:11:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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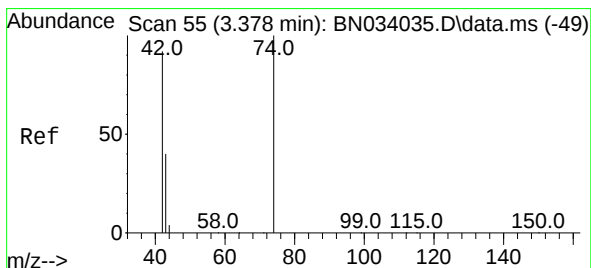
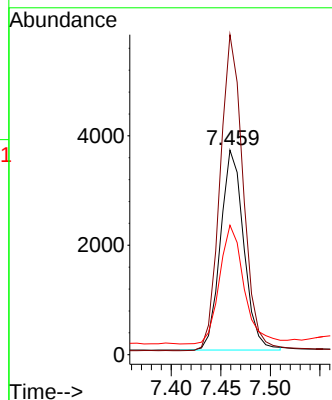
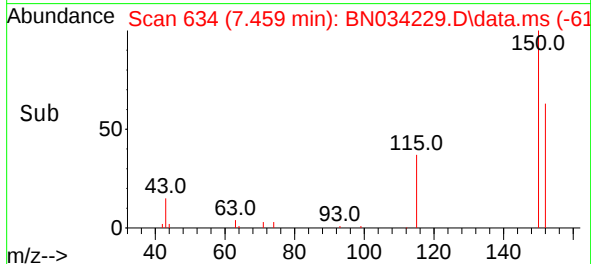


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.459 min Scan# 61
Delta R.T. 0.022 min
Lab File: BN034229.D
Acq: 25 Sep 2024 17:45

Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240910RE

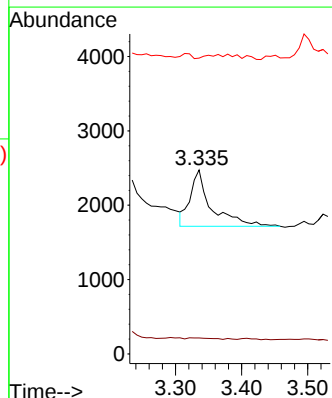
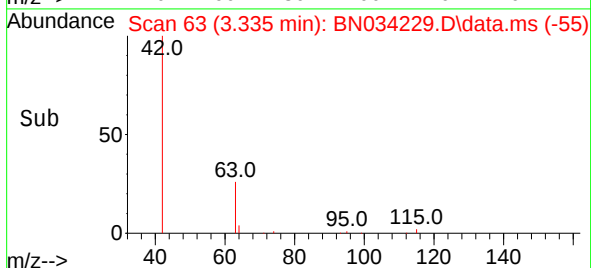
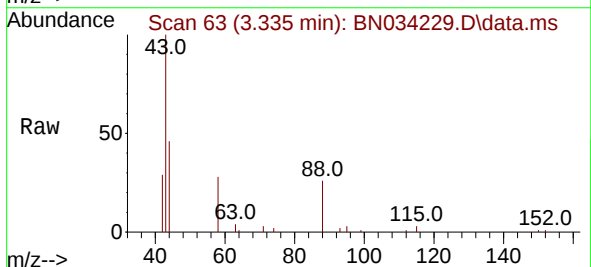


Tgt Ion:152 Resp: 5981
Ion Ratio Lower Upper
152 100
150 156.4 124.6 187.0
115 63.3 50.0 75.0



#3
n-Nitrosodimethylamine
Concen: 0.199 ng
RT: 3.335 min Scan# 63
Delta R.T. -0.042 min
Lab File: BN034229.D
Acq: 25 Sep 2024 17:45

Tgt Ion: 42 Resp: 1693
Ion Ratio Lower Upper
42 100
74 0.0 94.6 142.0#
44 2.2 12.4 18.6#

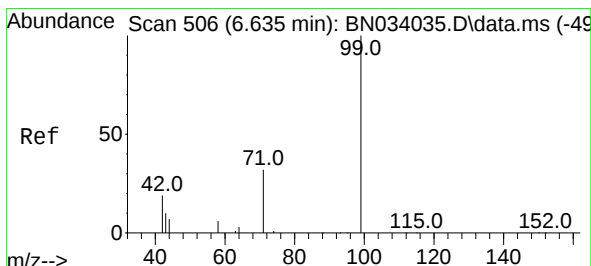
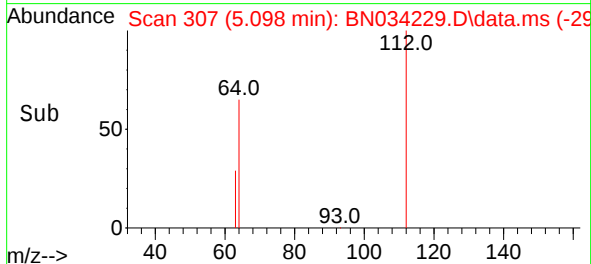
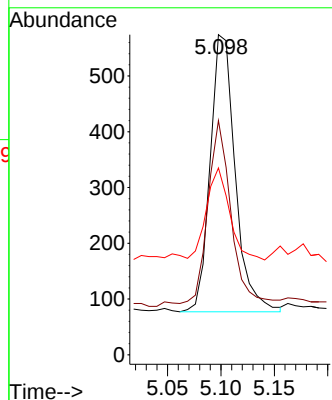
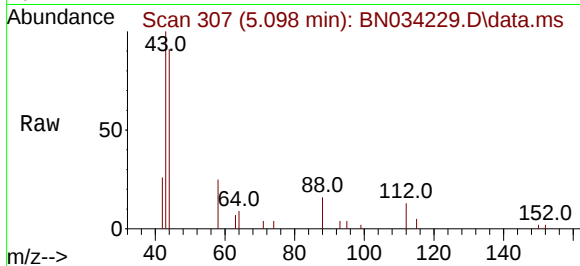




#4
2-Fluorophenol
Concen: 0.048 ng
RT: 5.098 min Scan# 30
Delta R.T. 0.023 min
Lab File: BN034229.D
Acq: 25 Sep 2024 17:45

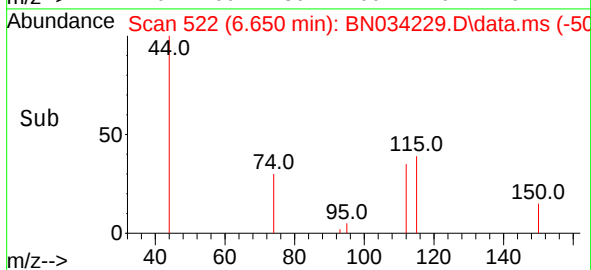
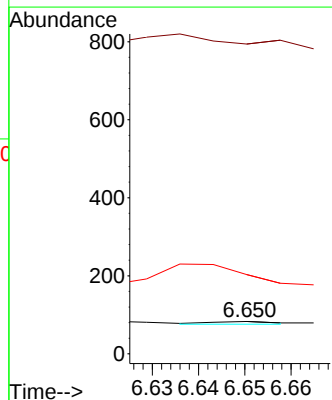
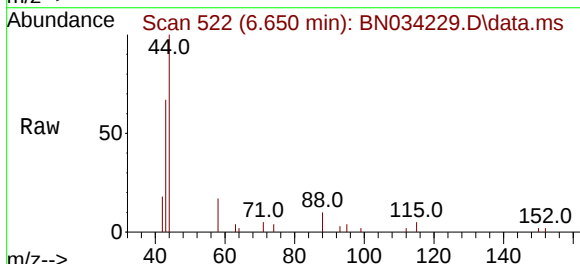
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240910RE

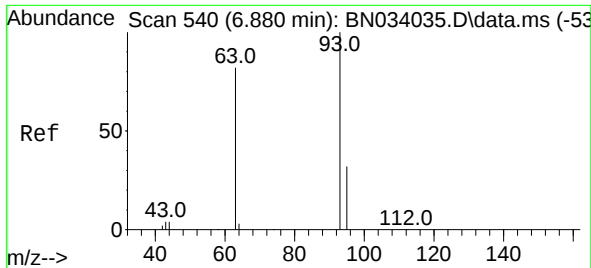
Tgt Ion:112 Resp: 812
Ion Ratio Lower Upper
112 100
64 63.7 48.6 72.8
63 30.4 25.6 38.4



#5
Phenol-d6
Concen: 0.000 ng
RT: 6.650 min Scan# 522
Delta R.T. 0.015 min
Lab File: BN034229.D
Acq: 25 Sep 2024 17:45

Tgt Ion: 99 Resp: 7
Ion Ratio Lower Upper
99 100
42 0.0 17.8 26.8#
71 1685.7 26.2 39.2#

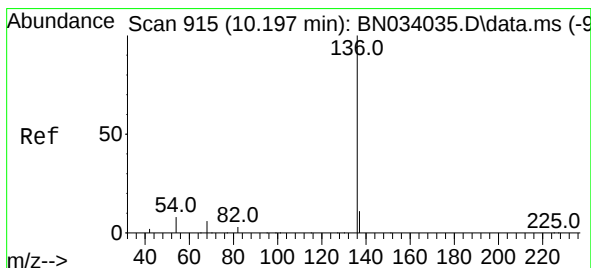
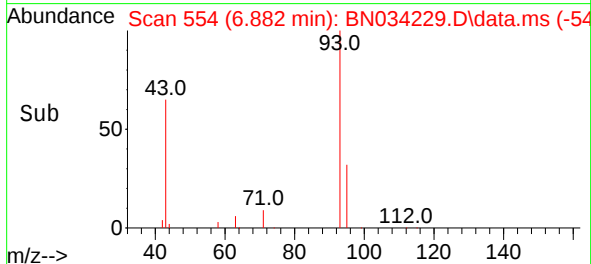
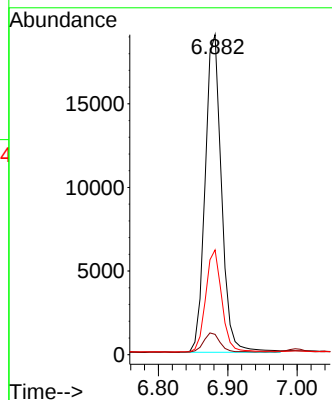
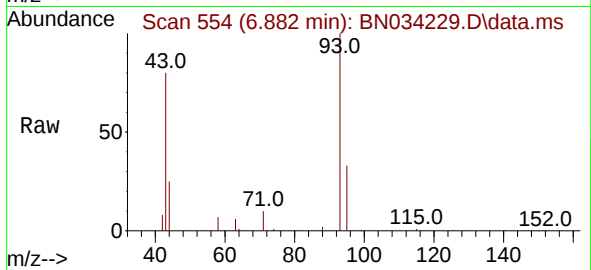




#6
bis(2-Chloroethyl)ether
Concen: 1.779 ng
RT: 6.882 min Scan# 540
Delta R.T. 0.001 min
Lab File: BN034229.D
Acq: 25 Sep 2024 17:45

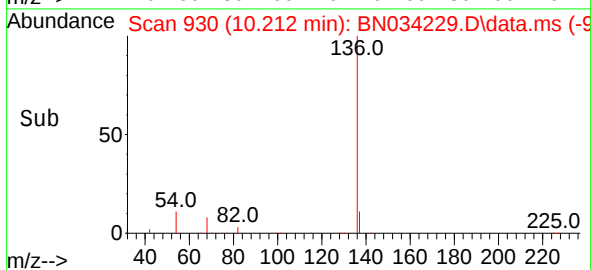
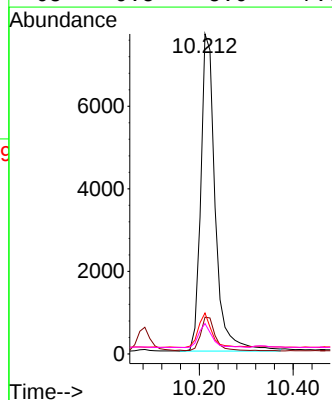
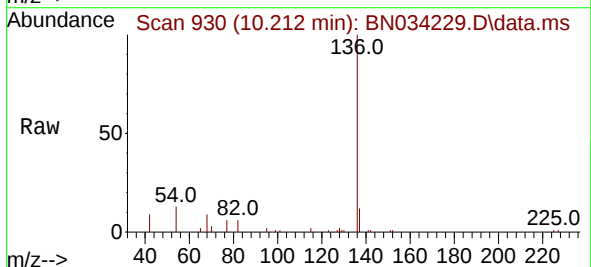
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240910RE

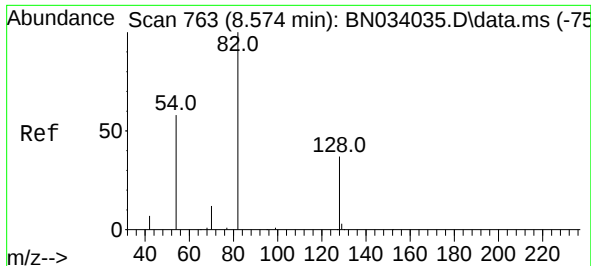
Tgt Ion: 93 Resp: 31068
Ion Ratio Lower Upper
93 100
63 6.2 67.3 100.9#
95 31.7 26.8 40.2



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.212 min Scan# 930
Delta R.T. 0.015 min
Lab File: BN034229.D
Acq: 25 Sep 2024 17:45

Tgt Ion:136 Resp: 16458
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.6
54 12.8 6.8 10.2#
68 9.5 5.0 7.6#

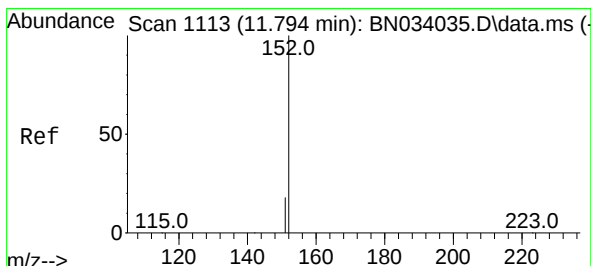
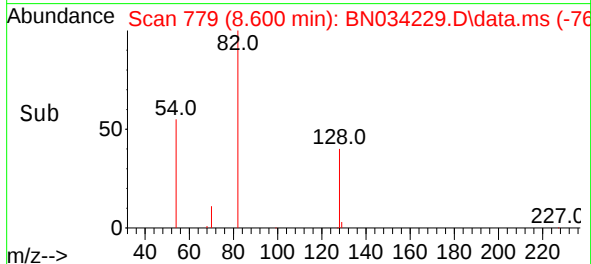
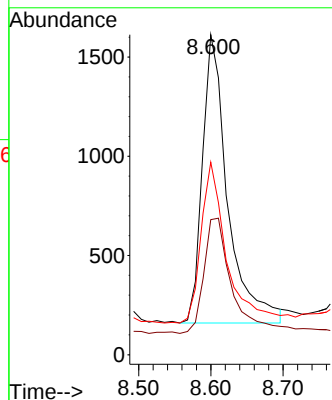
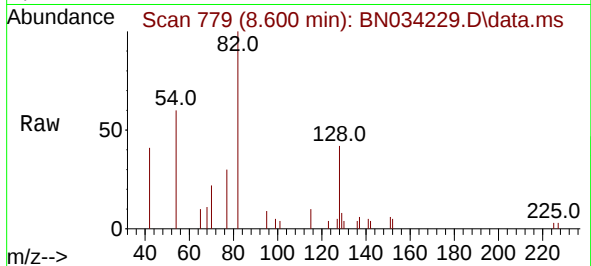




#8
 Nitrobenzene-d5
 Concen: 0.281 ng
 RT: 8.600 min Scan# 71
 Delta R.T. 0.026 min
 Lab File: BN034229.D
 Acq: 25 Sep 2024 17:45

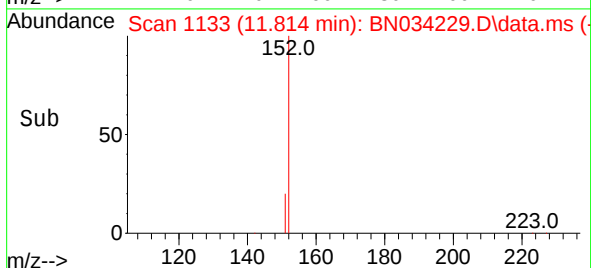
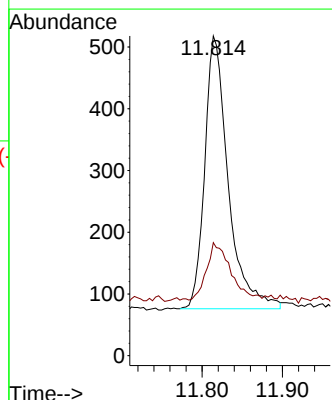
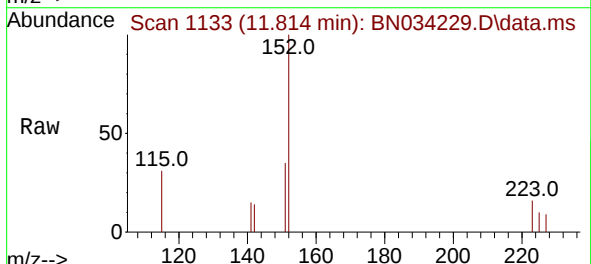
Instrument :
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 BPOW6-8-HYD-20240910RE

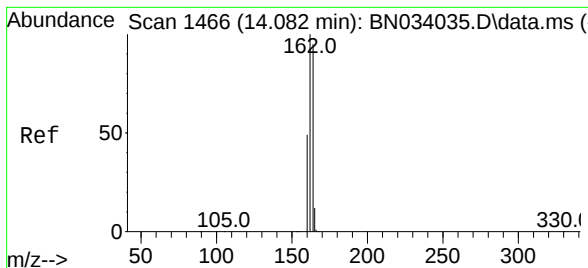
Tgt Ion: 82 Resp: 3541
 Ion Ratio Lower Upper
 82 100
 128 42.2 31.4 47.2
 54 60.1 47.4 71.0



#11
 2-Methylnaphthalene-d10
 Concen: 0.037 ng
 RT: 11.814 min Scan# 1133
 Delta R.T. 0.020 min
 Lab File: BN034229.D
 Acq: 25 Sep 2024 17:45

Tgt Ion:152 Resp: 897
 Ion Ratio Lower Upper
 152 100
 151 21.6 16.8 25.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.094 min Scan# 1466

Delta R.T. 0.012 min

Lab File: BN034229.D

Acq: 25 Sep 2024 17:45

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-HYD-20240910RE

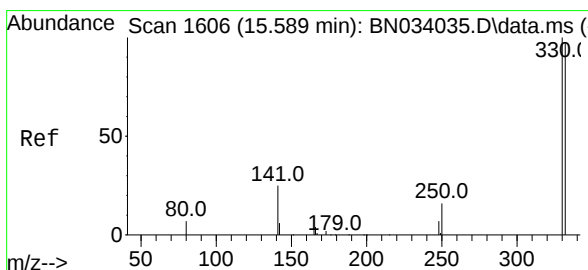
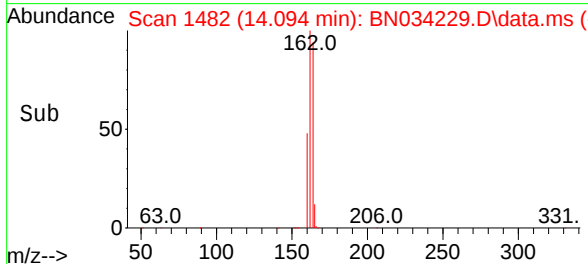
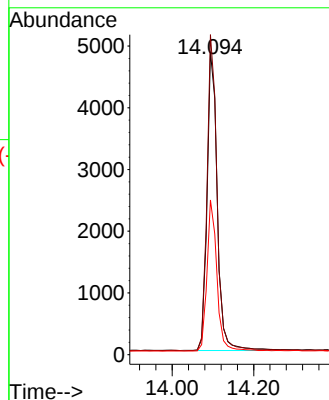
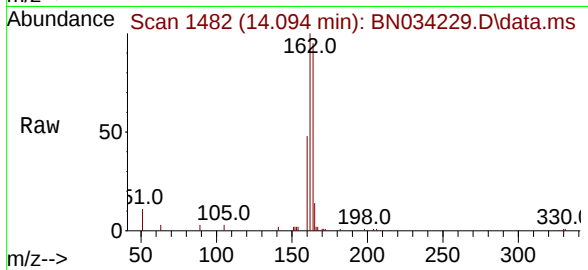
Tgt Ion:164 Resp: 8439

Ion Ratio Lower Upper

164 100

162 105.7 84.2 126.2

160 51.1 41.7 62.5



#14

2,4,6-Tribromophenol

Concen: 0.093 ng

RT: 15.604 min Scan# 1622

Delta R.T. 0.016 min

Lab File: BN034229.D

Acq: 25 Sep 2024 17:45

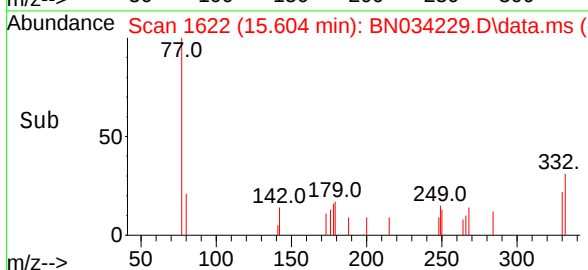
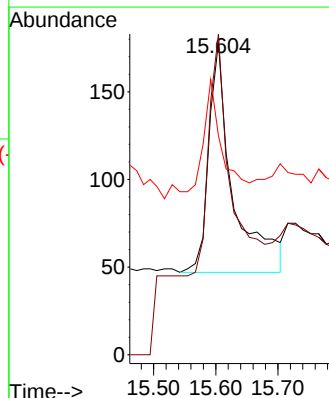
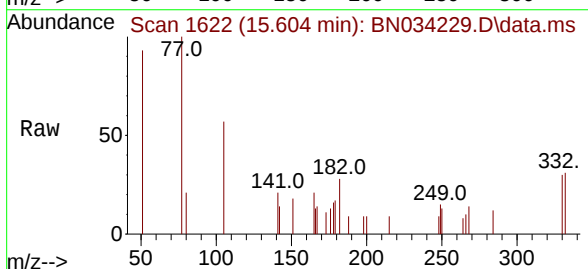
Tgt Ion:330 Resp: 357

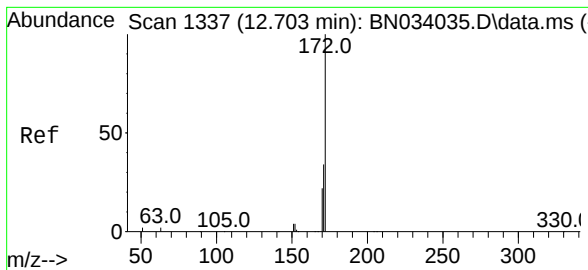
Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.0

141 34.2 35.9 53.9#

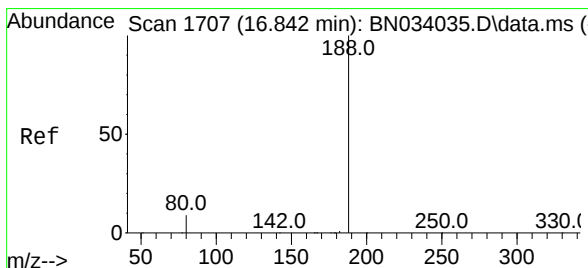
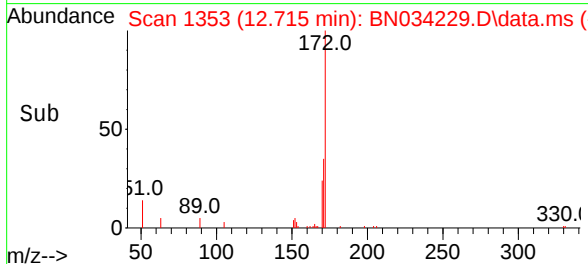
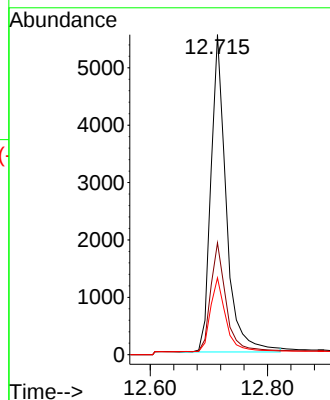
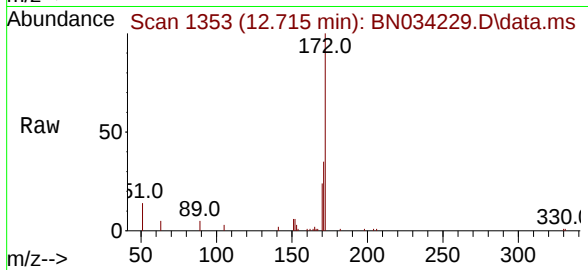




#15
2-Fluorobiphenyl
Concen: 0.293 ng
RT: 12.715 min Scan# 14
Delta R.T. 0.012 min
Lab File: BN034229.D
Acq: 25 Sep 2024 17:45

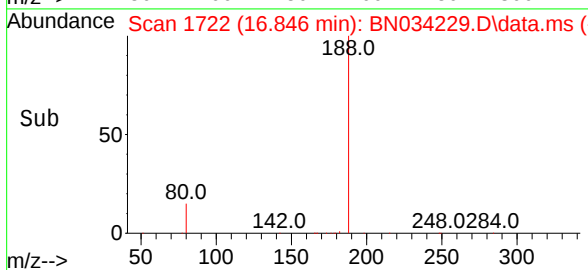
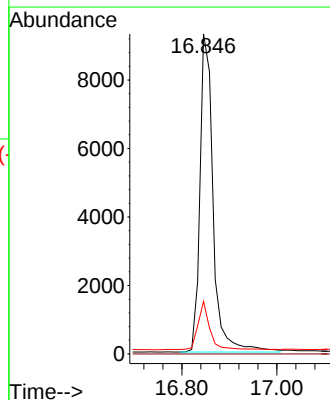
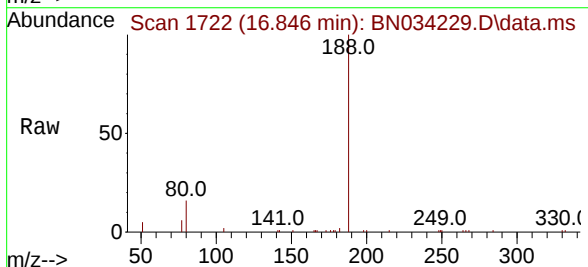
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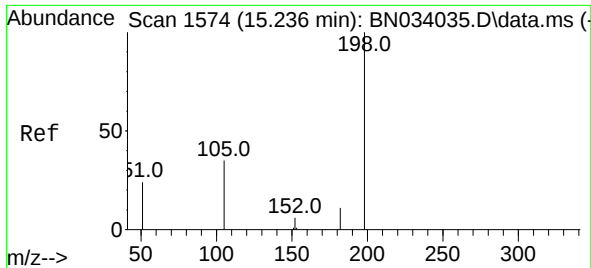
Tgt Ion:	172	Resp:	10049
Ion Ratio	Lower	Upper	
172	100		
171	35.0	27.3	40.9
170	24.0	18.1	27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.846 min Scan# 1722
Delta R.T. 0.003 min
Lab File: BN034229.D
Acq: 25 Sep 2024 17:45

Tgt Ion:	188	Resp:	17941
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	16.5	7.4	11.0#





#20

4,6-Dinitro-2-methylphenol

Concen: 0.140 ng

RT: 15.216 min Scan# 1587

Delta R.T. -0.020 min

Lab File: BN034229.D

Acq: 25 Sep 2024 17:45

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-HYD-20240910RE

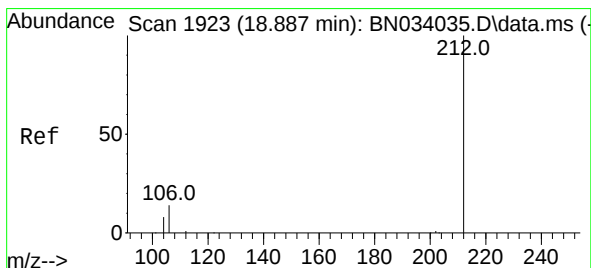
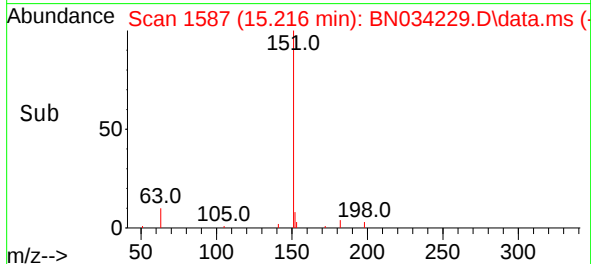
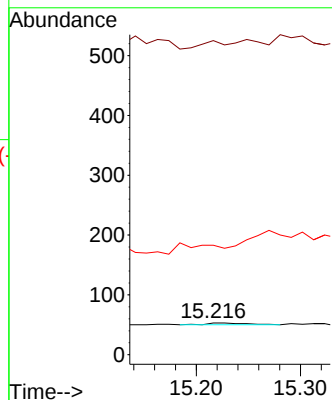
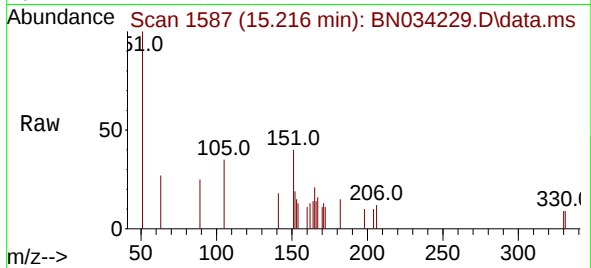
Tgt Ion:198 Resp: 8

Ion Ratio Lower Upper

198 100

51 990.6 106.4 159.6#

105 345.3 38.5 57.7#



#27

Fluoranthene-d10

Concen: 0.334 ng

RT: 18.890 min Scan# 1938

Delta R.T. 0.003 min

Lab File: BN034229.D

Acq: 25 Sep 2024 17:45

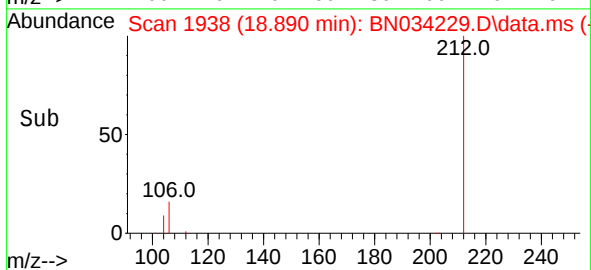
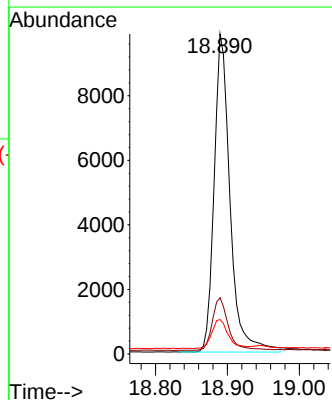
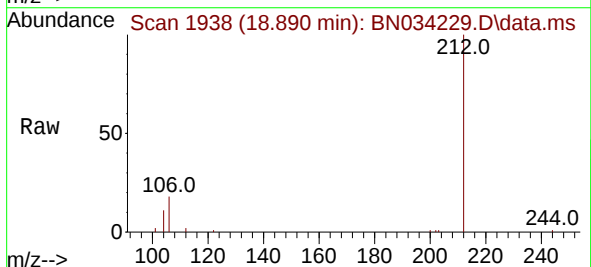
Tgt Ion:212 Resp: 15116

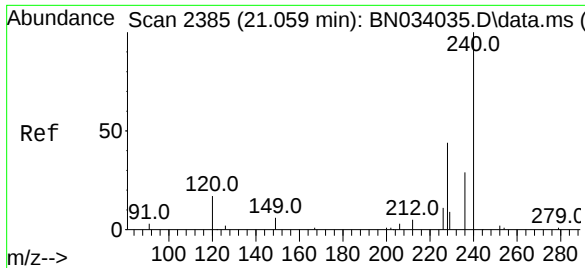
Ion Ratio Lower Upper

212 100

106 16.6 13.4 20.2

104 9.3 7.8 11.6

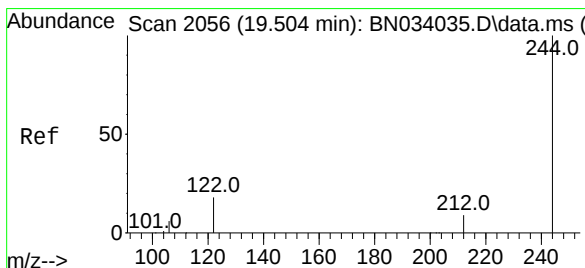
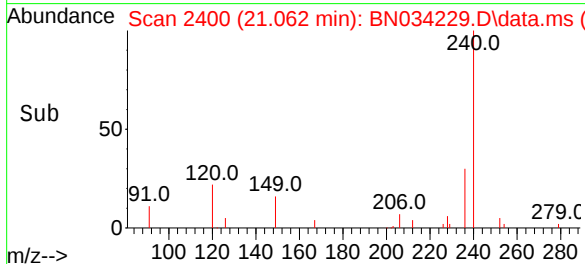
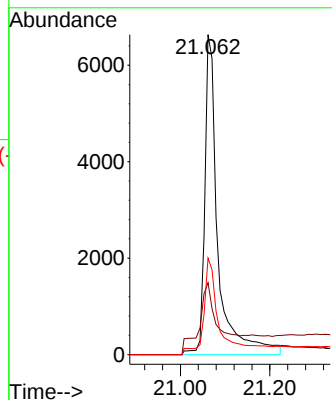
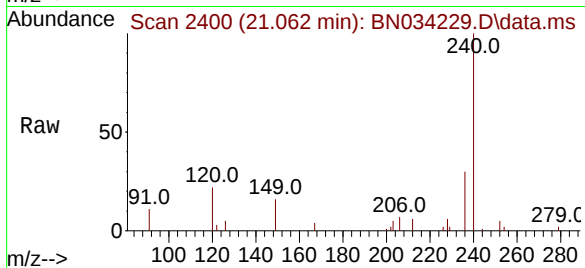




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.062 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BN034229.D
Acq: 25 Sep 2024 17:45

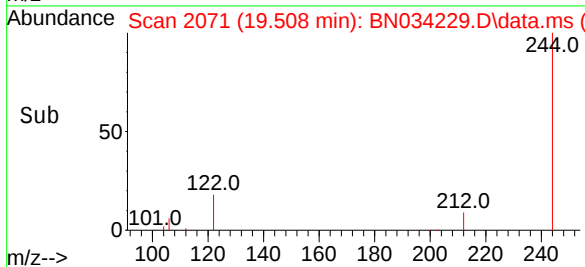
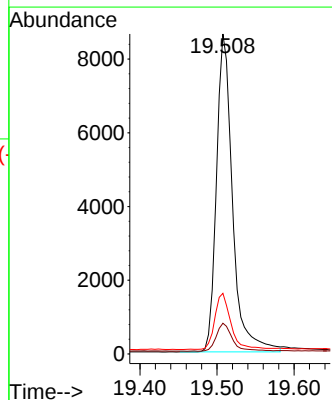
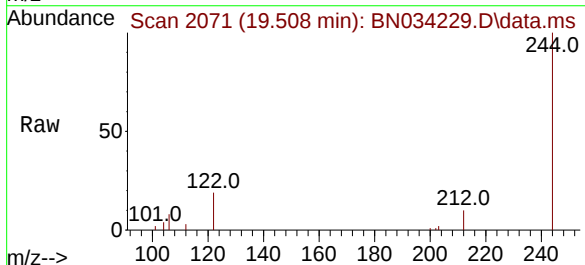
Instrument :
BNA_N
ClientSampleId :
BPOW6-8-HYD-20240910RE

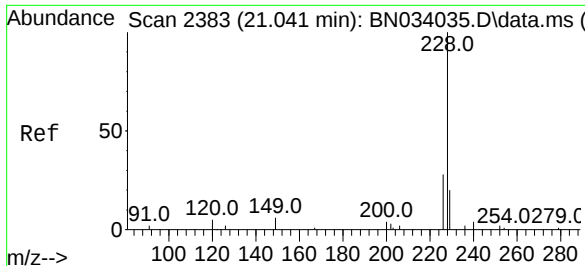
Tgt Ion:240 Resp: 13121
Ion Ratio Lower Upper
240 100
120 22.5 13.5 20.3#
236 30.1 23.4 35.0



#31
Terphenyl-d14
Concen: 0.477 ng
RT: 19.508 min Scan# 2071
Delta R.T. 0.003 min
Lab File: BN034229.D
Acq: 25 Sep 2024 17:45

Tgt Ion:244 Resp: 12510
Ion Ratio Lower Upper
244 100
212 9.6 7.8 11.6
122 18.9 14.8 22.2





#32

Benzo(a)anthracene

Concen: 0.032 ng

RT: 21.053 min Scan# 24

Delta R.T. 0.012 min

Lab File: BN034229.D

Acq: 25 Sep 2024 17:45

Instrument :

BNA_N

ClientSampleId :

BPOW6-8-HYD-20240910RE

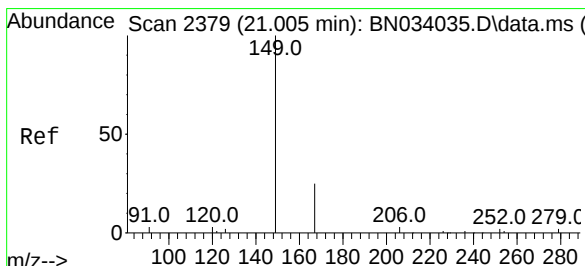
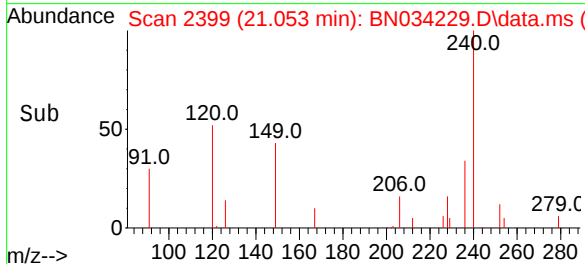
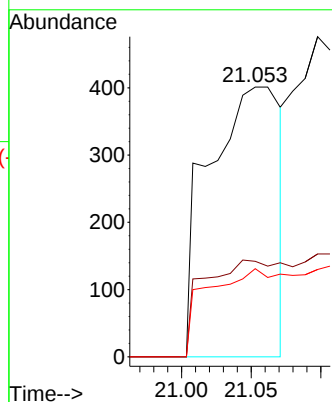
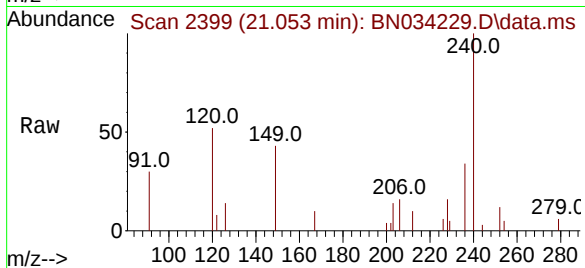
Tgt Ion:228 Resp: 1319

Ion Ratio Lower Upper

228 100

226 35.4 22.3 33.5#

229 32.7 15.7 23.5#



#34

Bis(2-ethylhexyl)phthalate

Concen: 0.291 ng

RT: 21.008 min Scan# 2394

Delta R.T. 0.003 min

Lab File: BN034229.D

Acq: 25 Sep 2024 17:45

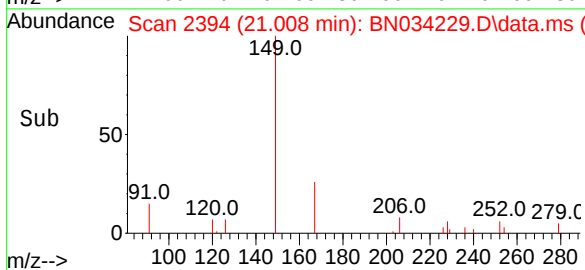
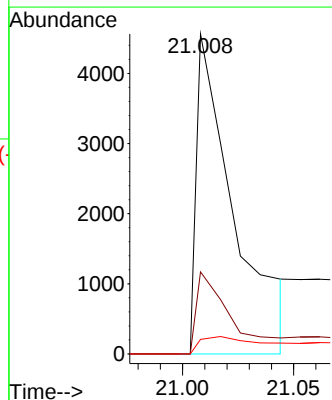
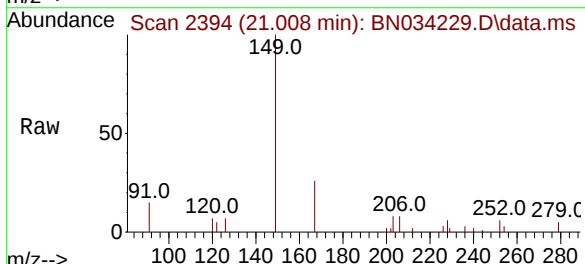
Tgt Ion:149 Resp: 5036

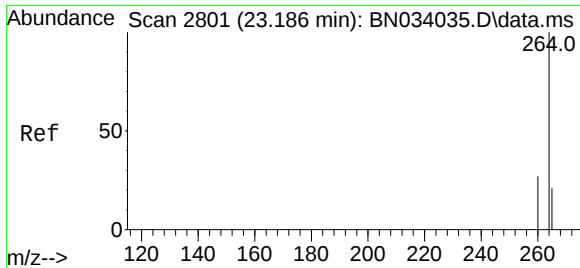
Ion Ratio Lower Upper

149 100

167 24.3 19.9 29.9

279 8.6 4.6 6.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.198 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BN034229.D
 Acq: 25 Sep 2024 17:45

Instrument :
 BNA_N
 ClientSampleId :
 BPOW6-8-HYD-20240910RE

Tgt Ion:	264	Resp:	10591
Ion Ratio	Lower	Upper	
264	100		
260	26.6	21.7	32.5
265	123.7	52.1	78.1#

