

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034086.D
 Acq On : 20 Sep 2024 14:29
 Operator : JU/RC
 Sample : P3957-16
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20240911

Quant Time: Sep 20 15:05:32 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)

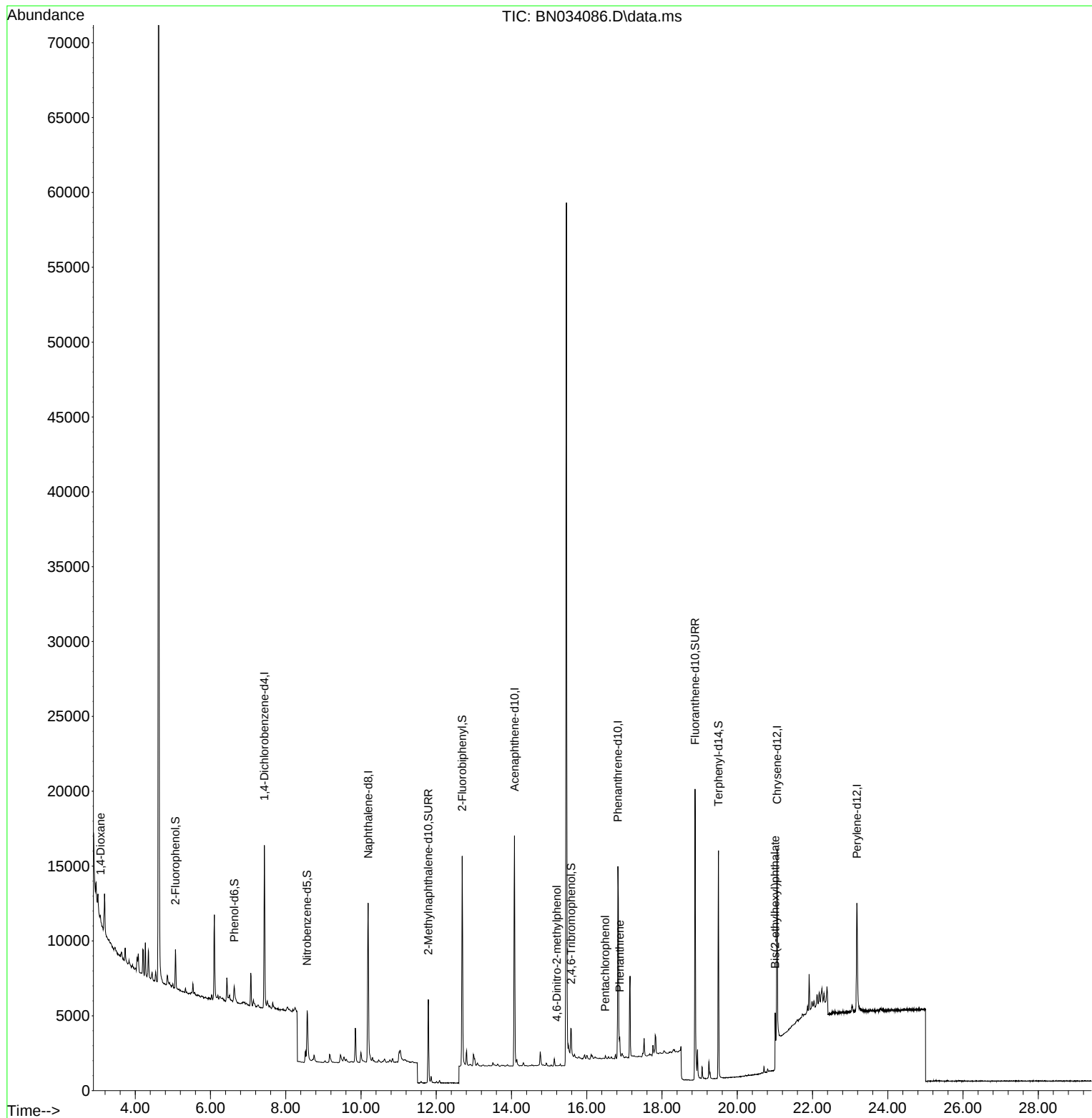
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5239	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	14777	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	8682	0.400	ng	0.00
19) Phenanthrene-d10	16.828	188	18625	0.400	ng	#-0.01
29) Chrysene-d12	21.060	240	13213	0.400	ng	# 0.00
35) Perylene-d12	23.178	264	9916	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1941	0.131	ng	0.00
5) Phenol-d6	6.629	99	1171	0.068	ng	0.00
8) Nitrobenzene-d5	8.568	82	3550	0.314	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	7823	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.586	330	1159	0.295	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	12079	0.342	ng	-0.01
27) Fluoranthene-d10	18.878	212	20952	0.446	ng	0.00
31) Terphenyl-d14	19.501	244	13801	0.523	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.083	88	201	0.031	ng	# 22
20) 4,6-Dinitro-2-methylph...	15.202	198	12	0.141	ng	# 1
24) Pentachlorophenol	16.493	266	107	0.028	ng	# 91
25) Phenanthrene	16.877	178	1296	0.024	ng	# 96
34) Bis(2-ethylhexyl)phtha...	21.006	149	2088	0.120	ng	# 91

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

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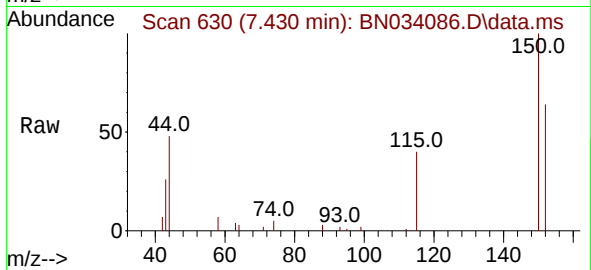
Quant Time: Sep 20 15:05:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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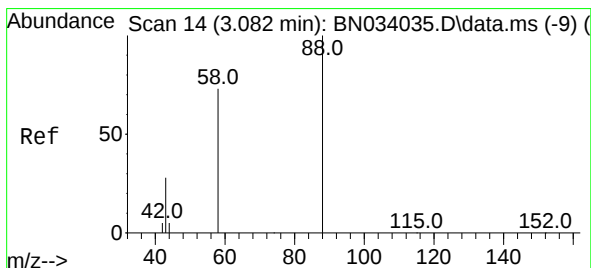
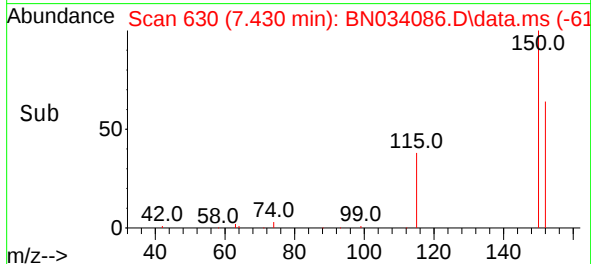
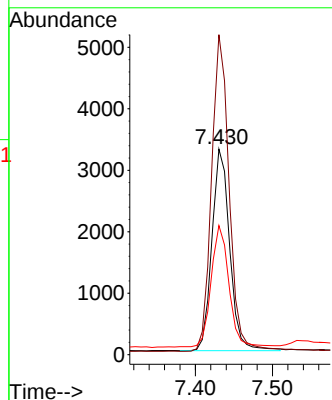


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

Instrument :
BNA_N
ClientSampleId :
RE104D3-20240911

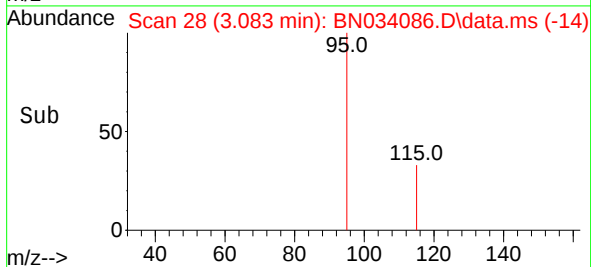
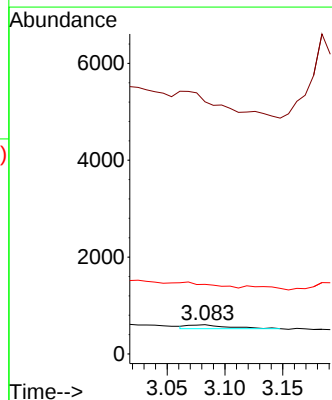
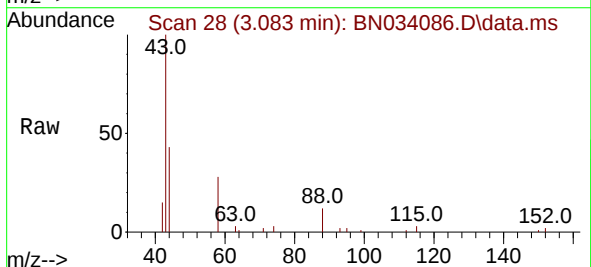


Tgt Ion:152 Resp: 5239
Ion Ratio Lower Upper
152 100
150 155.6 124.6 187.0
115 62.8 50.0 75.0



#2
1,4-Dioxane
Concen: 0.031 ng
RT: 3.083 min Scan# 28
Delta R.T. 0.001 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

Tgt Ion: 88 Resp: 201
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.8#
58 0.0 58.8 88.2#





#4

2-Fluorophenol

Concen: 0.131 ng

RT: 5.069 min Scan# 303

Delta R.T. -0.006 min

Lab File: BN034086.D

Acq: 20 Sep 2024 14:29

Instrument :

BNA_N

ClientSampleId :

RE104D3-20240911

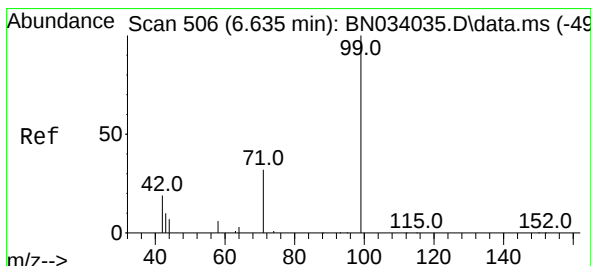
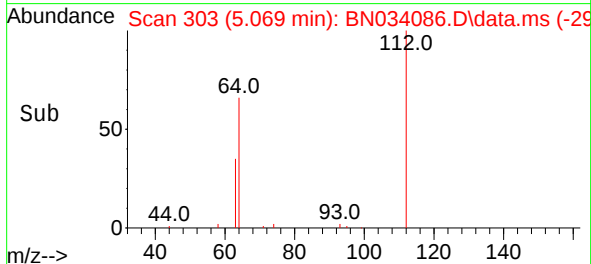
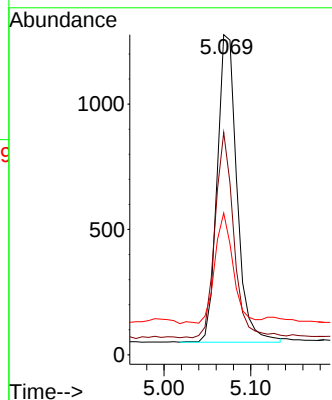
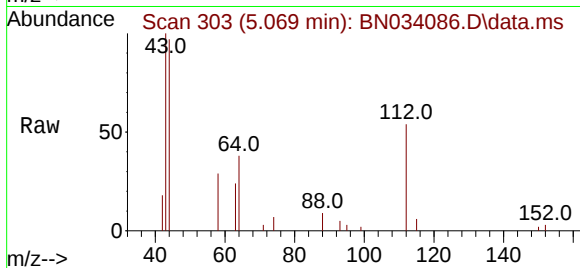
Tgt Ion:112 Resp: 1941

Ion Ratio Lower Upper

112 100

64 63.3 48.6 72.8

63 32.0 25.6 38.4



#5

Phenol-d6

Concen: 0.068 ng

RT: 6.629 min Scan# 519

Delta R.T. -0.006 min

Lab File: BN034086.D

Acq: 20 Sep 2024 14:29

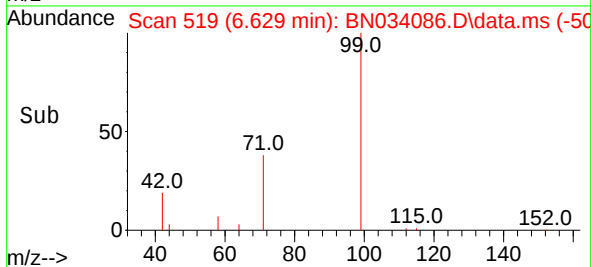
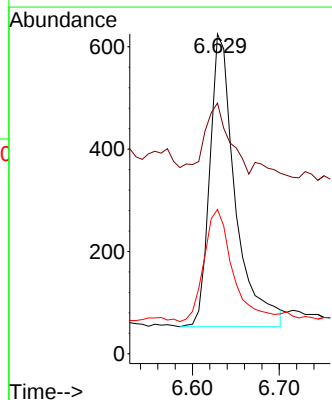
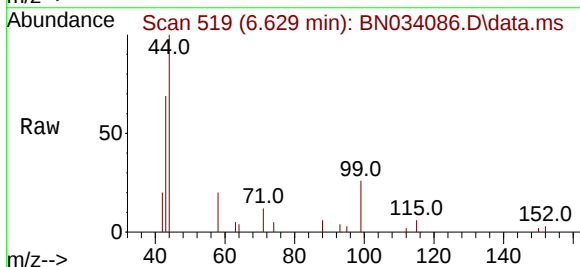
Tgt Ion: 99 Resp: 1171

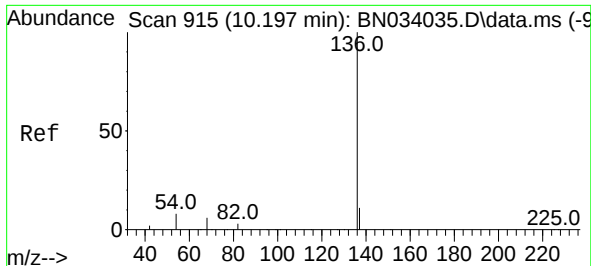
Ion Ratio Lower Upper

99 100

42 22.2 17.8 26.8

71 43.1 26.2 39.2#

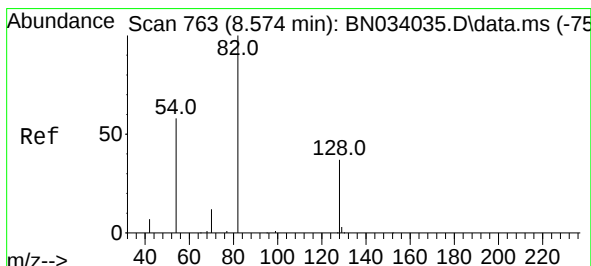
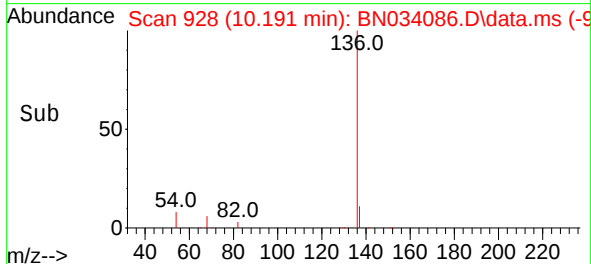
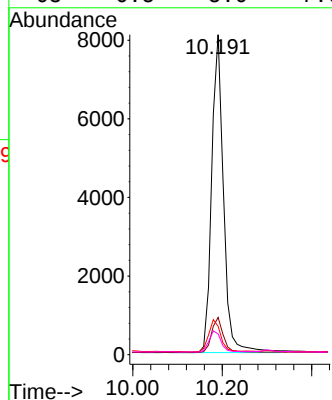
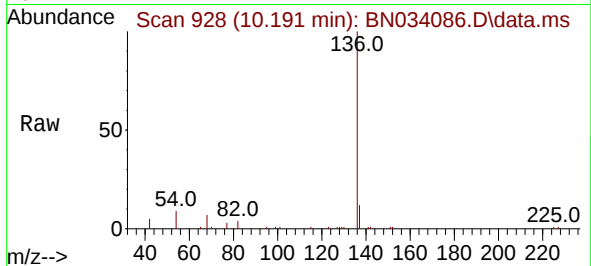




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

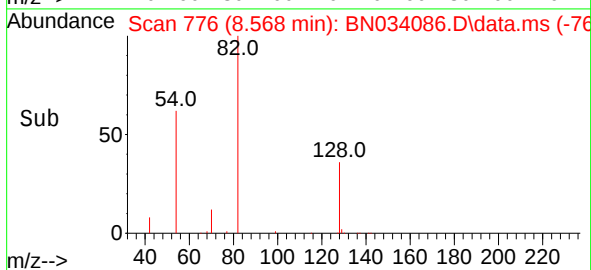
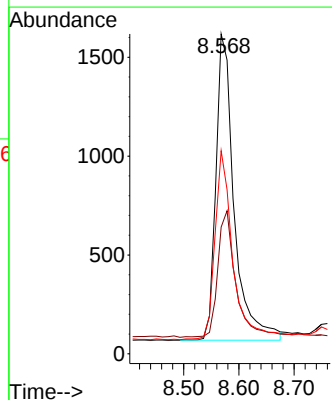
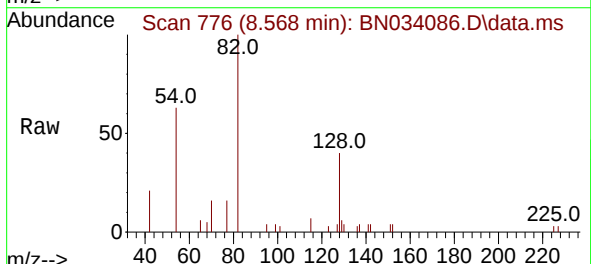
Instrument :
BNA_N
ClientSampleId :
RE104D3-20240911

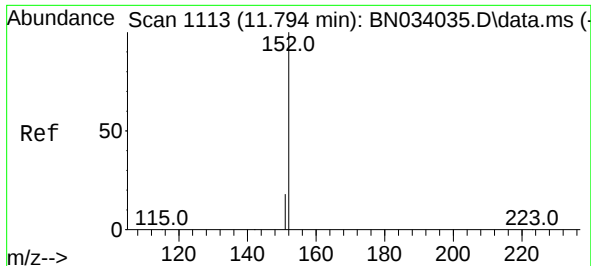
Tgt Ion:136	Resp:	14777
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.0 13.6
54	8.9	6.8 10.2
68	6.5	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.568 min Scan# 776
Delta R.T. -0.006 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

Tgt Ion: 82	Resp:	3550
Ion Ratio	Lower	Upper
82	100	
128	39.6	31.4 47.2
54	63.5	47.4 71.0

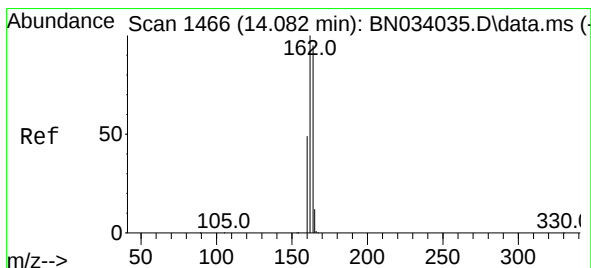
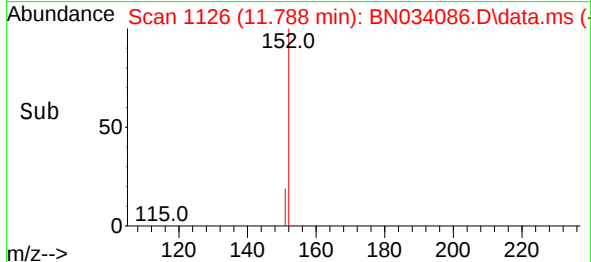
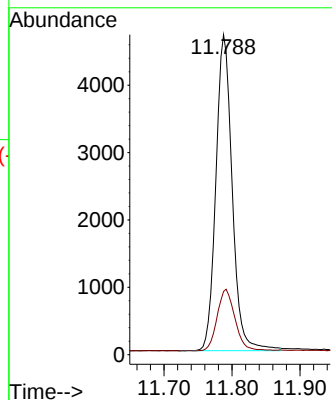
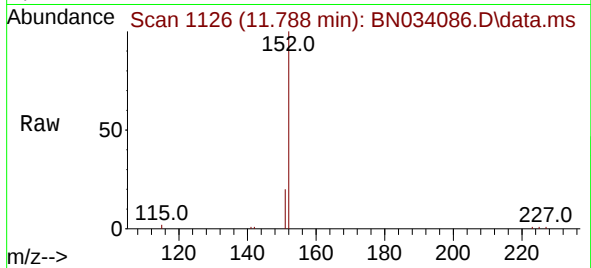




#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

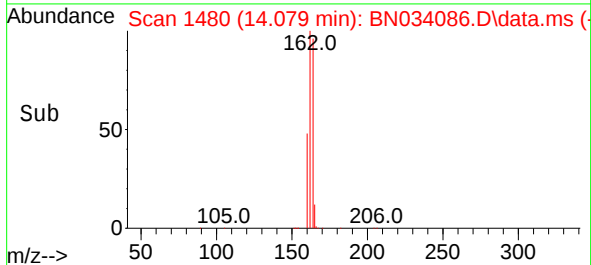
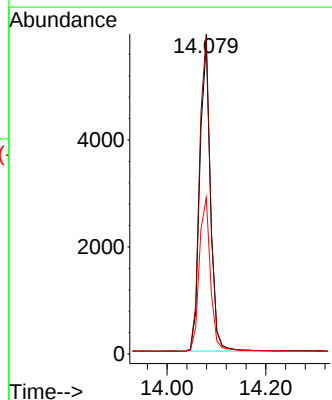
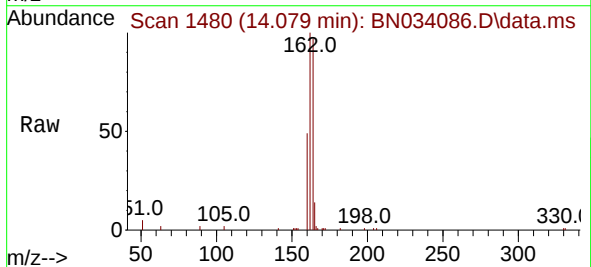
Instrument :
BNA_N
ClientSampleId :
RE104D3-20240911

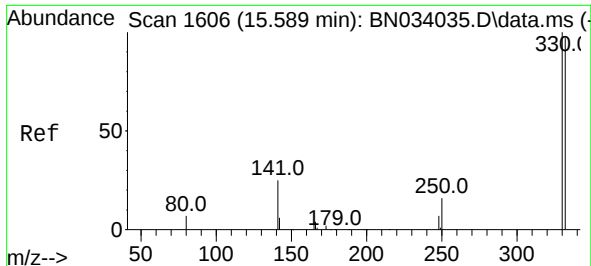
Tgt Ion:152 Resp: 7823
Ion Ratio Lower Upper
152 100
151 21.4 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.079 min Scan# 1480
Delta R.T. -0.002 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

Tgt Ion:164 Resp: 8682
Ion Ratio Lower Upper
164 100
162 103.4 84.2 126.2
160 50.4 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.295 ng

RT: 15.586 min Scan# 1

Delta R.T. -0.002 min

Lab File: BN034086.D

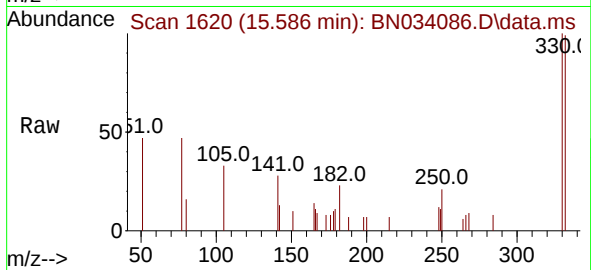
Acq: 20 Sep 2024 14:29

Instrument :

BNA_N

ClientSampleId :

RE104D3-20240911



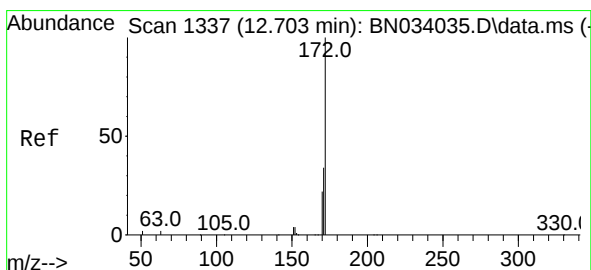
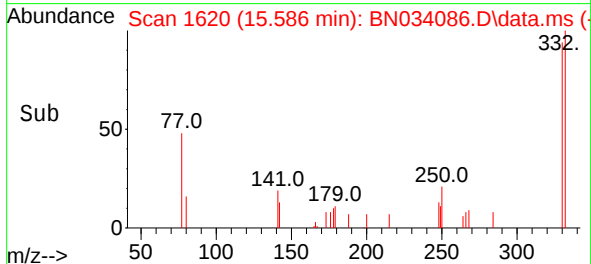
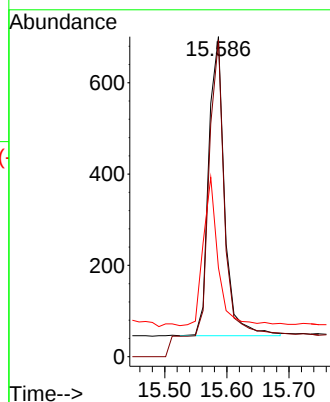
Tgt Ion:330 Resp: 1159

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.0

141 46.9 35.9 53.9



#15

2-Fluorobiphenyl

Concen: 0.342 ng

RT: 12.690 min Scan# 1350

Delta R.T. -0.013 min

Lab File: BN034086.D

Acq: 20 Sep 2024 14:29

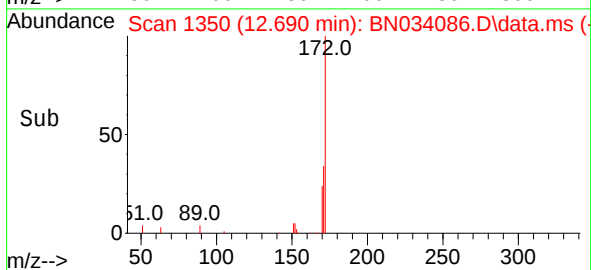
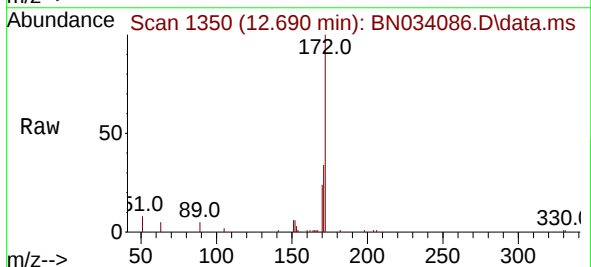
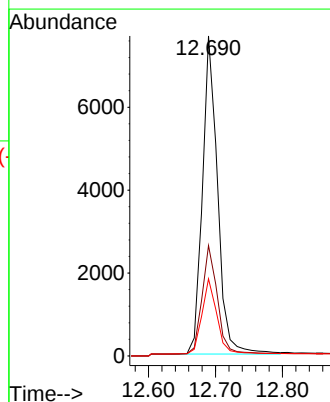
Tgt Ion:172 Resp: 12079

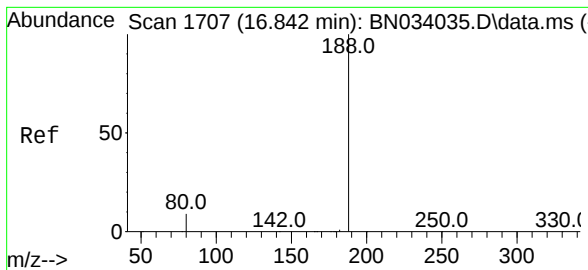
Ion Ratio Lower Upper

172 100

171 34.5 27.3 40.9

170 24.1 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.828 min Scan# 1

Delta R.T. -0.015 min

Lab File: BN034086.D

Acq: 20 Sep 2024 14:29

Instrument :

BNA_N

ClientSampleId :

RE104D3-20240911

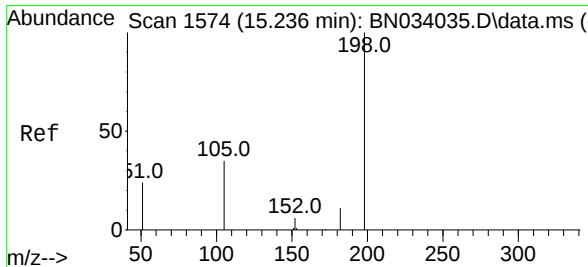
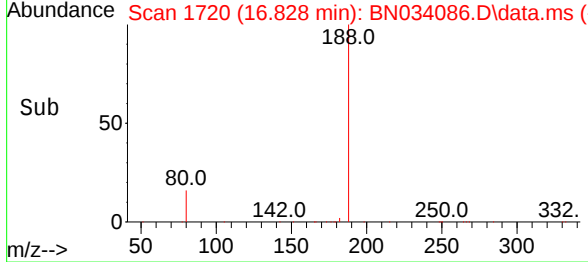
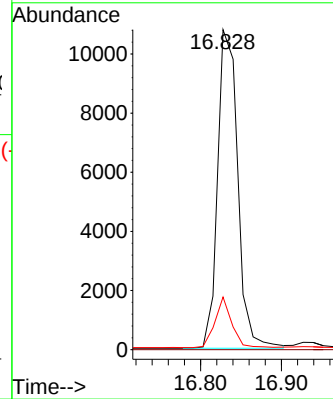
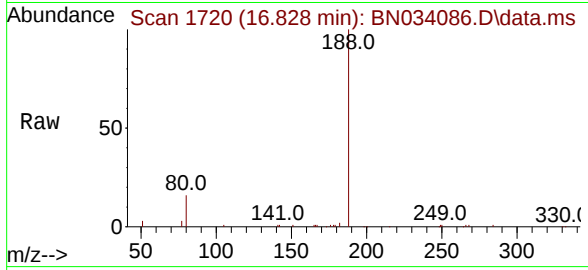
Tgt Ion:188 Resp: 18625

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 16.4 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.141 ng

RT: 15.202 min Scan# 1585

Delta R.T. -0.034 min

Lab File: BN034086.D

Acq: 20 Sep 2024 14:29

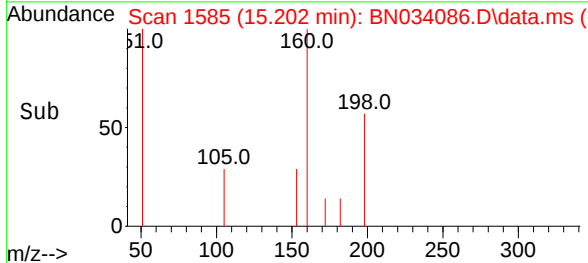
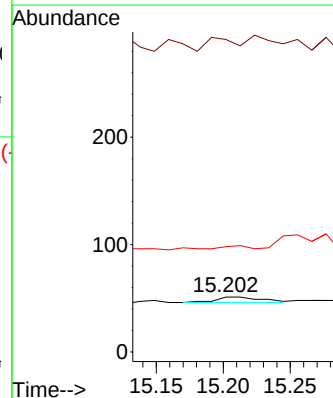
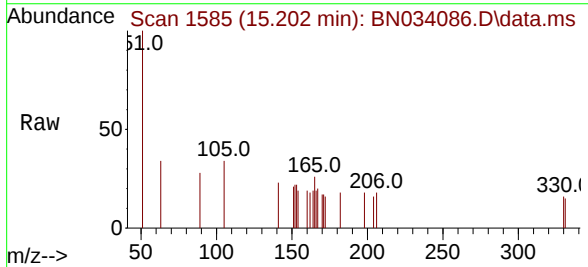
Tgt Ion:198 Resp: 12

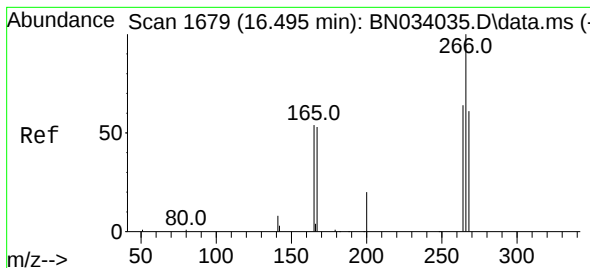
Ion Ratio Lower Upper

198 100

51 570.6 106.4 159.6#

105 192.2 38.5 57.7#





#24

Pentachlorophenol

Concen: 0.028 ng

RT: 16.493 min Scan# 1

Delta R.T. -0.002 min

Lab File: BN034086.D

Acq: 20 Sep 2024 14:29

Instrument :

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RE104D3-20240911

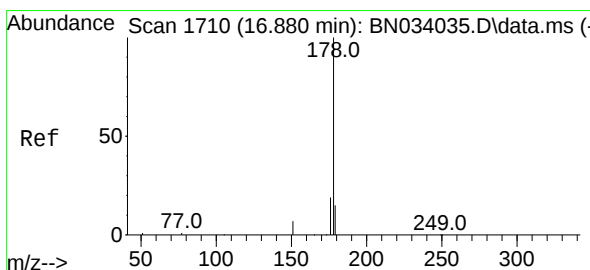
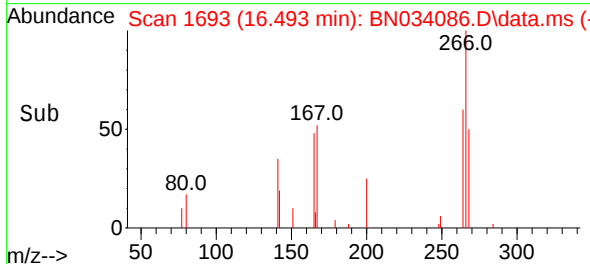
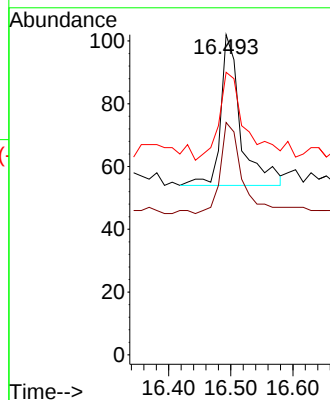
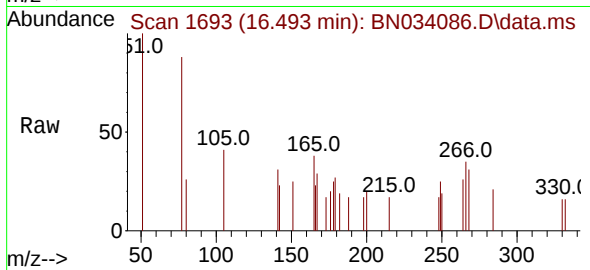
Tgt Ion:266 Resp: 107

Ion Ratio Lower Upper

266 100

264 64.5 50.2 75.2

268 76.6 51.0 76.4#



#25

Phenanthrene

Concen: 0.024 ng

RT: 16.877 min Scan# 1724

Delta R.T. -0.002 min

Lab File: BN034086.D

Acq: 20 Sep 2024 14:29

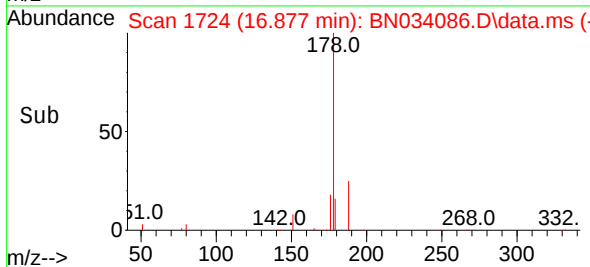
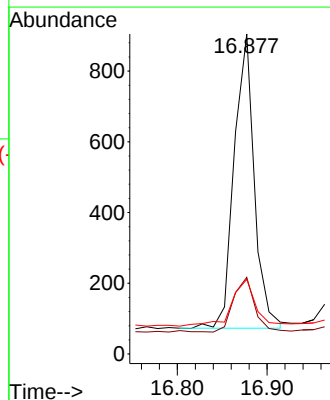
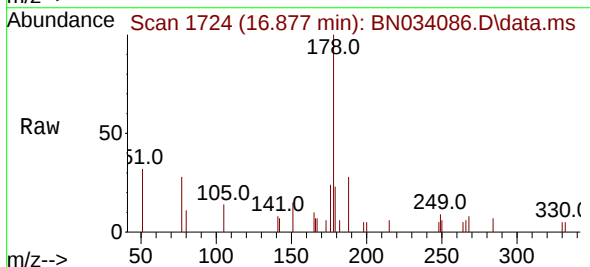
Tgt Ion:178 Resp: 1296

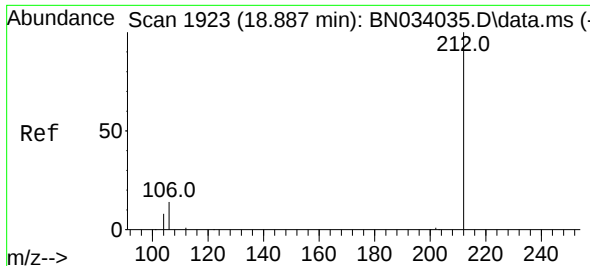
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 18.4 12.1 18.1#

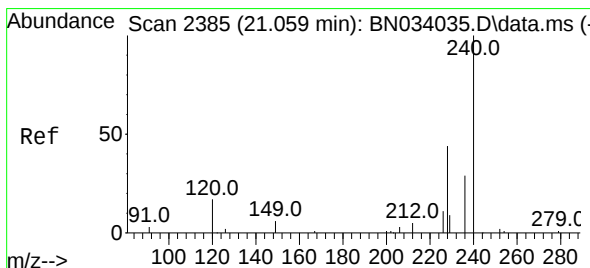
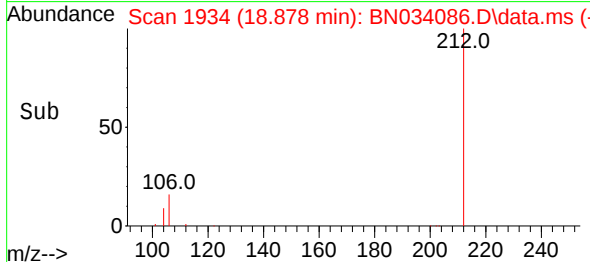
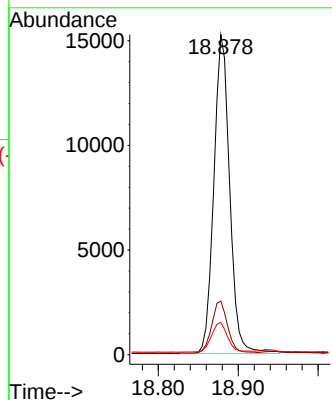
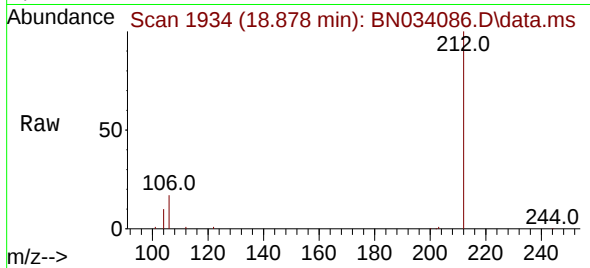




#27
Fluoranthene-d10
Concen: 0.446 ng
RT: 18.878 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

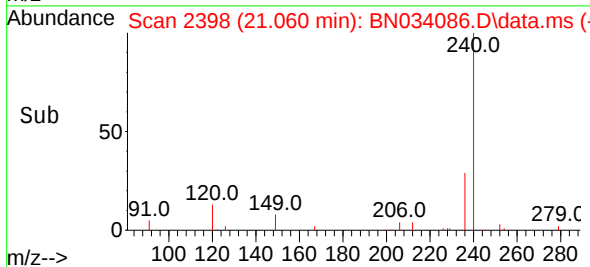
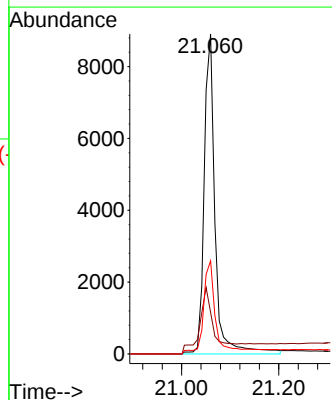
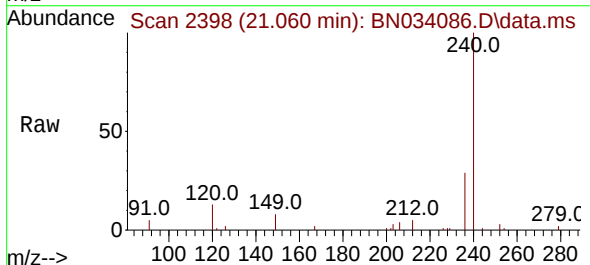
Instrument :
BNA_N
ClientSampleId :
RE104D3-20240911

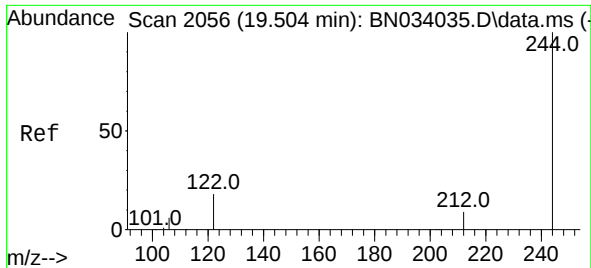
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.3	13.4	20.2
104	9.6	7.8	11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.060 min Scan# 2398
Delta R.T. 0.001 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.0	13.5	20.3#
236	29.1	23.4	35.0

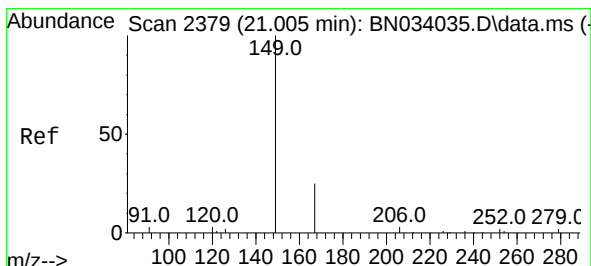
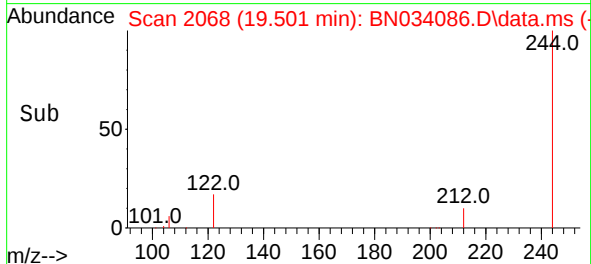
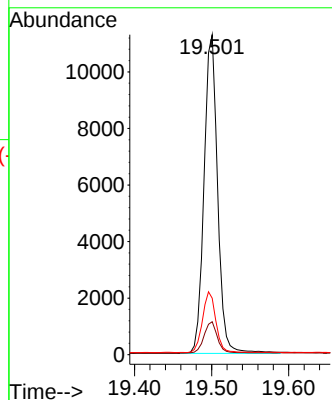
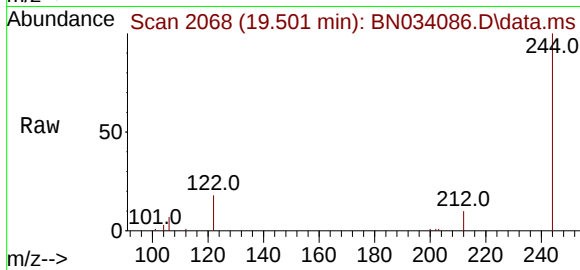




#31
 Terphenyl-d14
 Concen: 0.523 ng
 RT: 19.501 min Scan# 2056
 Delta R.T. -0.004 min
 Lab File: BN034086.D
 Acq: 20 Sep 2024 14:29

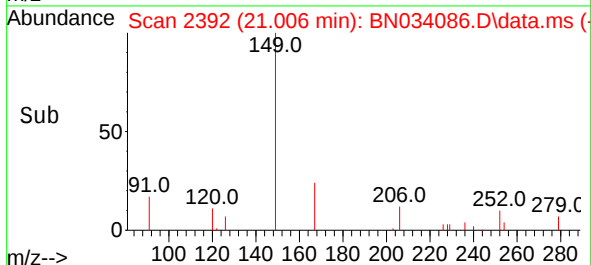
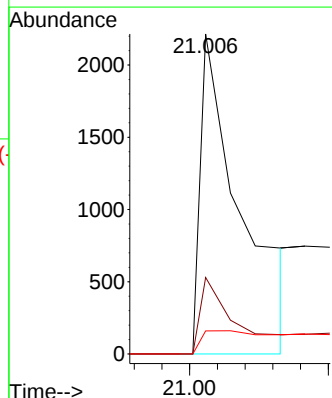
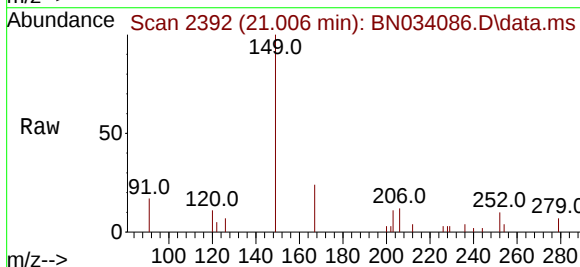
Instrument :
 BNA_N
 ClientSampleId :
 RE104D3-20240911

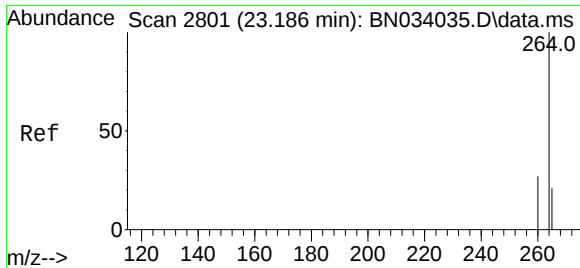
Tgt Ion:244 Resp: 13801
 Ion Ratio Lower Upper
 244 100
 212 10.3 7.8 11.6
 122 17.6 14.8 22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.120 ng
 RT: 21.006 min Scan# 2392
 Delta R.T. 0.001 min
 Lab File: BN034086.D
 Acq: 20 Sep 2024 14:29

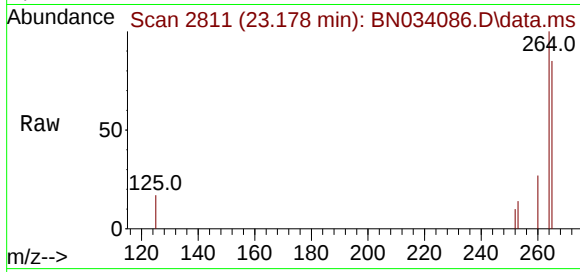
Tgt Ion:149 Resp: 2088
 Ion Ratio Lower Upper
 149 100
 167 21.6 19.9 29.9
 279 12.2 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.178 min Scan# 21
Delta R.T. -0.008 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

Instrument :
BNA_N
ClientSampleId :
RE104D3-20240911



Tgt Ion:264 Resp: 9916
Ion Ratio Lower Upper
264 100
260 27.2 21.7 32.5
265 84.8 52.1 78.1#

