

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)

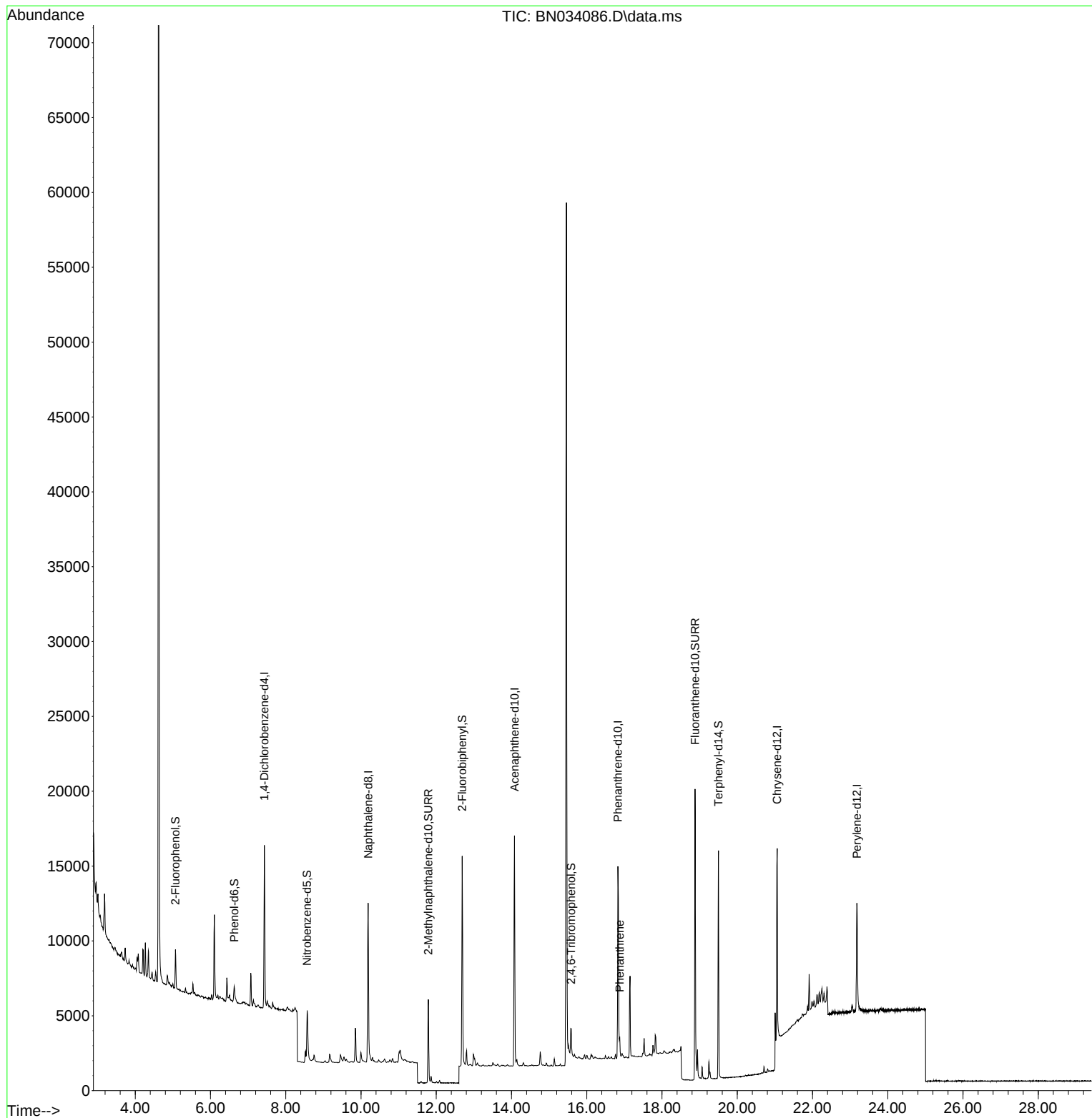
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	5239	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	14777	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	8682	0.400	ng	0.00
19) Phenanthrene-d10	16.828	188	18625	0.400	ng	#-0.01
29) Chrysene-d12	21.060	240	13213	0.400	ng	# 0.00
35) Perylene-d12	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						
25) Phenanthrene	16.877	178	1296	0.024	ng	# 96

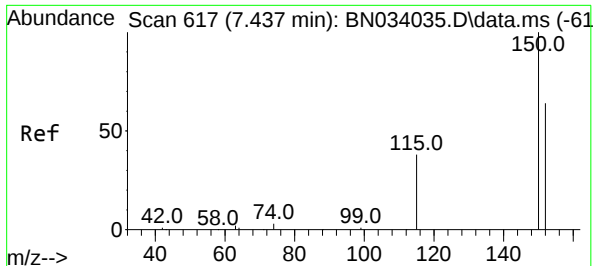
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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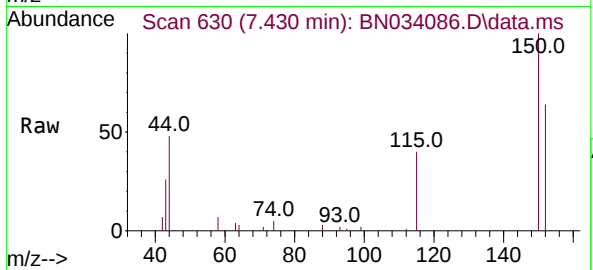
Quant Time: Sep 20 15:05:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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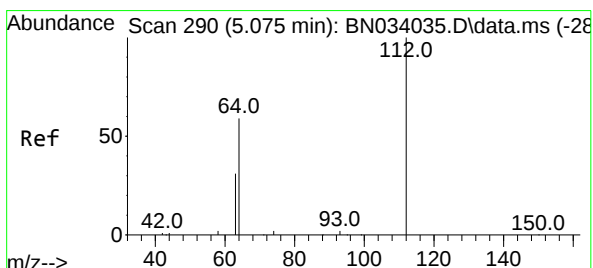
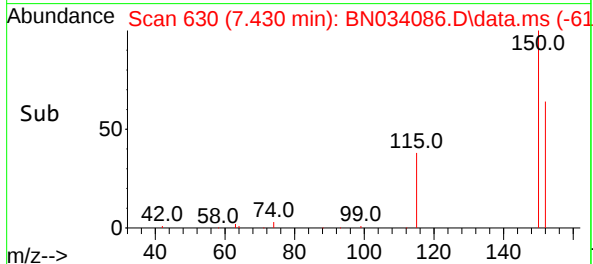
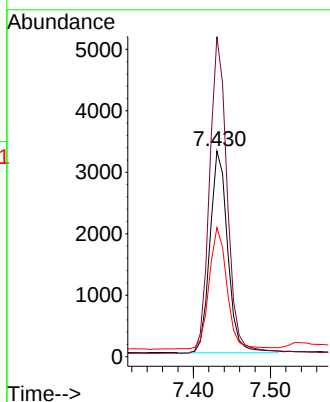


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.430 min Scan# 61
Delta R.T. -0.007 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

Instrument :
BNA_N
ClientSampleId :
RE104D3-20240911

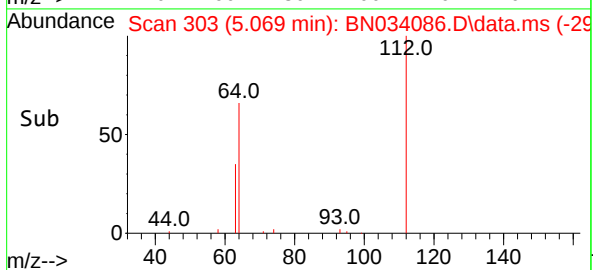
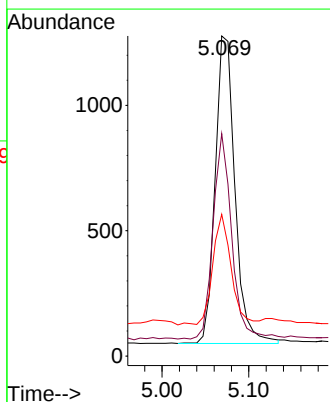
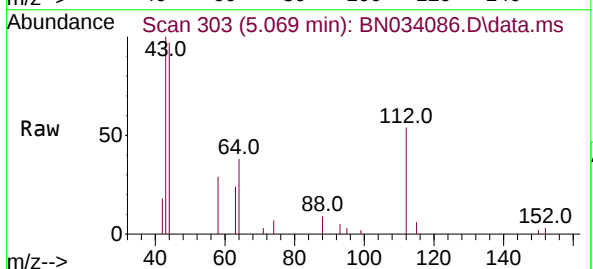


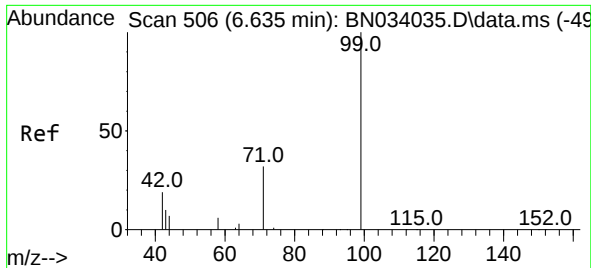
Tgt Ion:152 Resp: 5239
Ion Ratio Lower Upper
152 100
150 155.6 124.6 187.0
115 62.8 50.0 75.0



#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

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

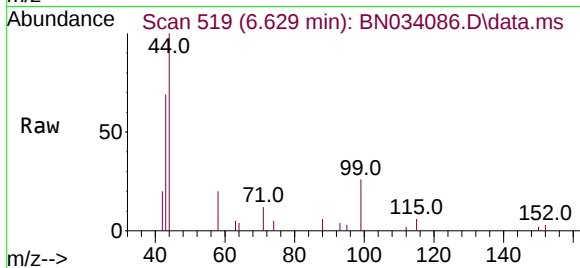
Acq: 20 Sep 2024 14:29

Instrument :

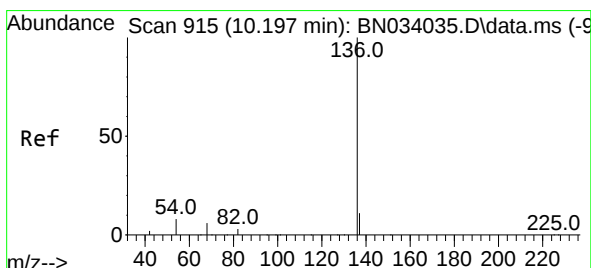
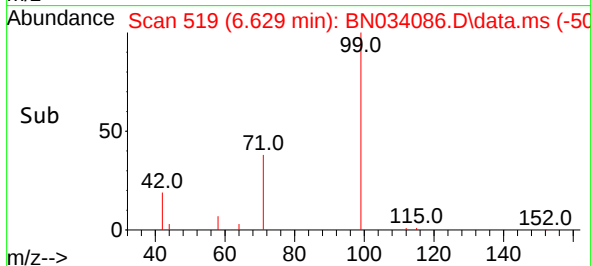
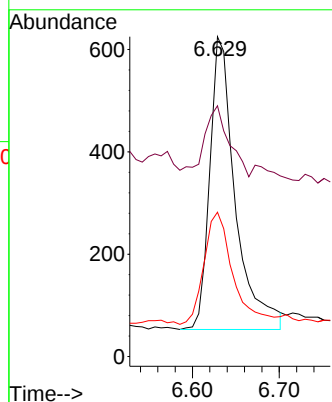
BNA_N

ClientSampleId :

RE104D3-20240911



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

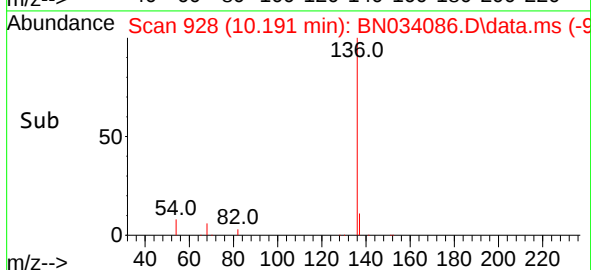
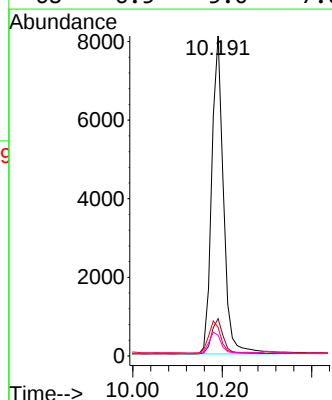
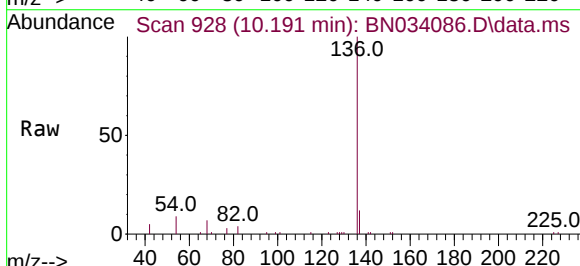
RT: 10.191 min Scan# 928

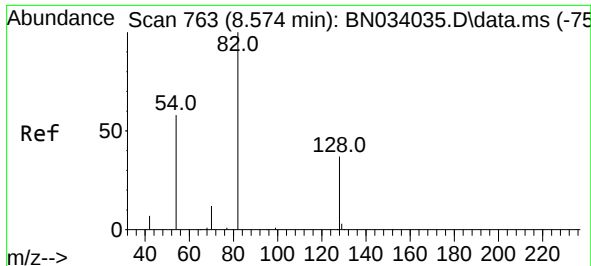
Delta R.T. -0.006 min

Lab File: BN034086.D

Acq: 20 Sep 2024 14:29

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

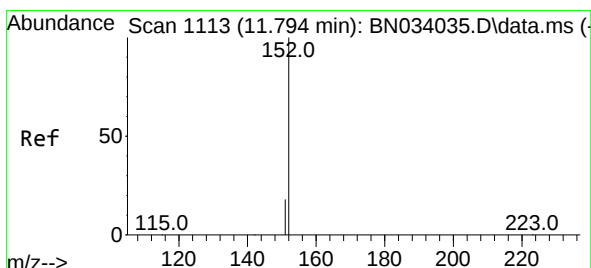
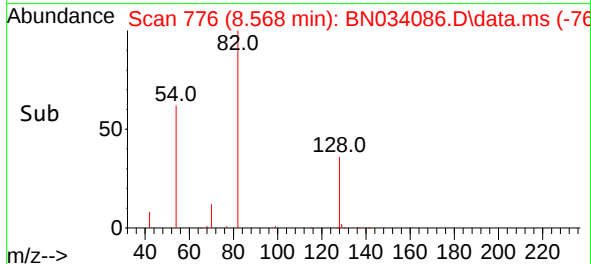
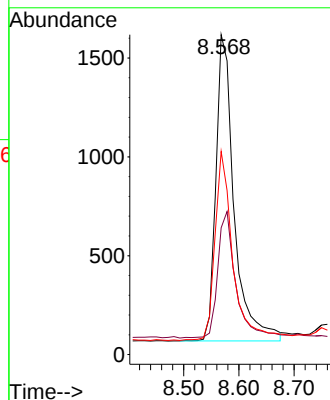
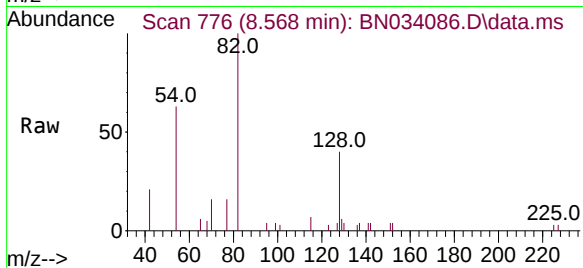




#8
Nitrobenzene-d5
Concen: 0.314 ng
RT: 8.568 min Scan# 71
Delta R.T. -0.006 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

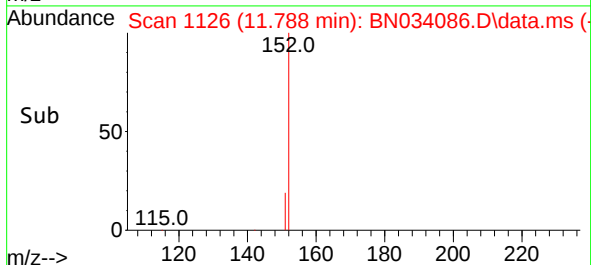
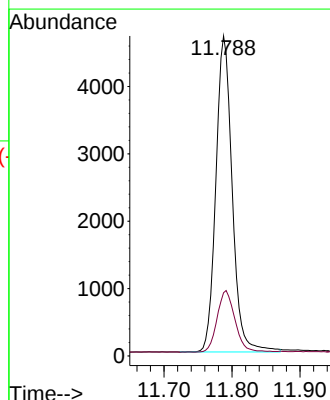
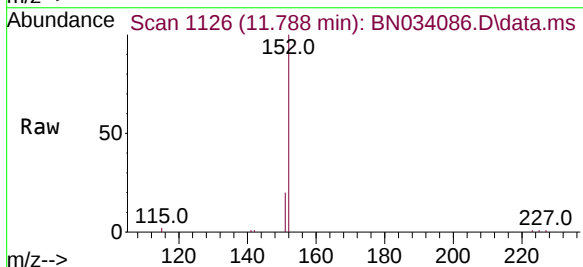
Instrument :
BNA_N
ClientSampleId :
RE104D3-20240911

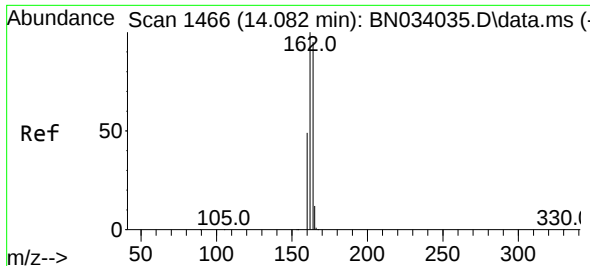
Tgt Ion: 82 Resp: 3550
Ion Ratio Lower Upper
82 100
128 39.6 31.4 47.2
54 63.5 47.4 71.0



#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 11.788 min Scan# 1126
Delta R.T. -0.006 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

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

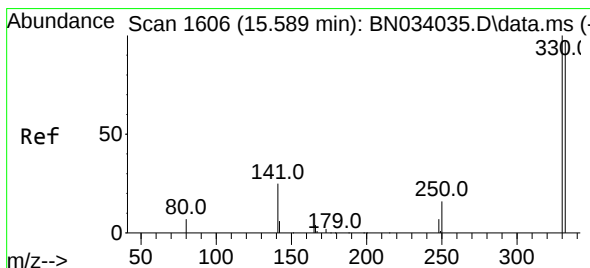
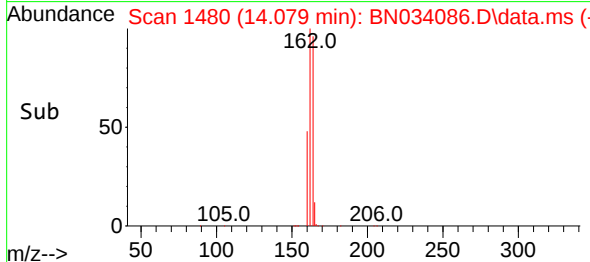
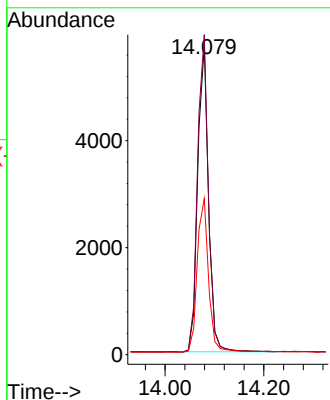
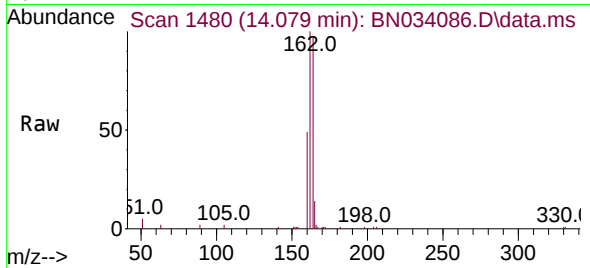




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.079 min Scan# 14
Delta R.T. -0.002 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

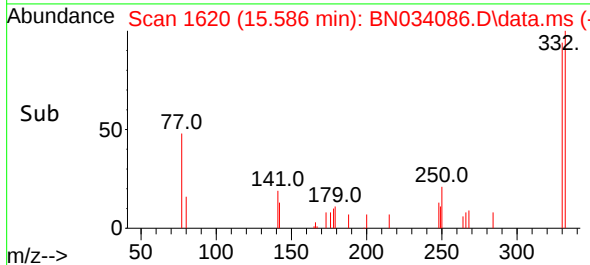
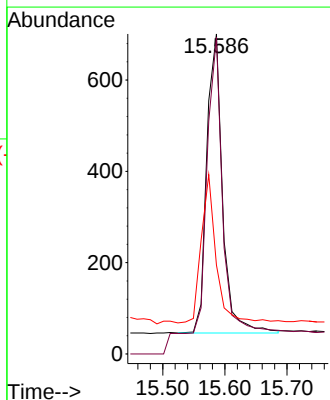
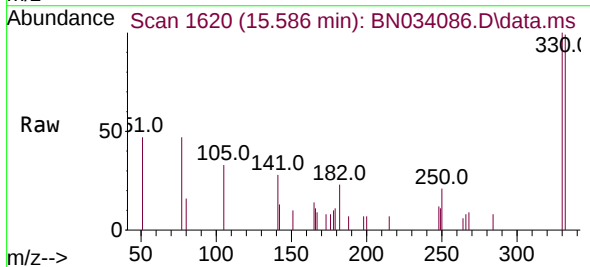
Instrument :
BNA_N
ClientSampleId :
RE104D3-20240911

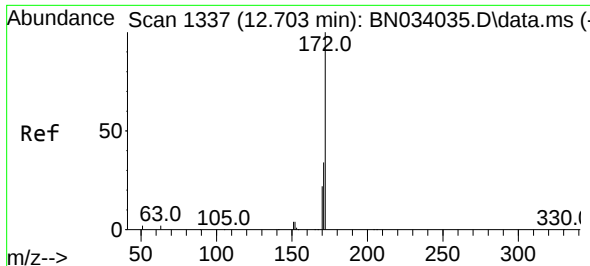
Tgt Ion:164 Resp: 8682
Ion Ratio Lower Upper
164 100
162 103.4 84.2 126.2
160 50.4 41.7 62.5



#14
2,4,6-Tribromophenol
Concen: 0.295 ng
RT: 15.586 min Scan# 1620
Delta R.T. -0.002 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

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

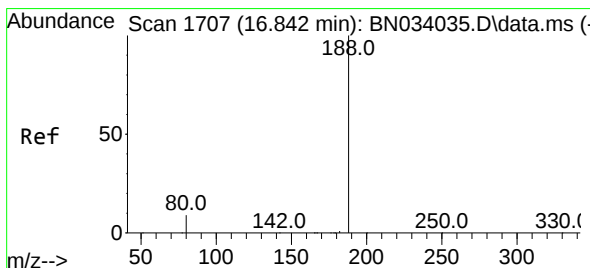
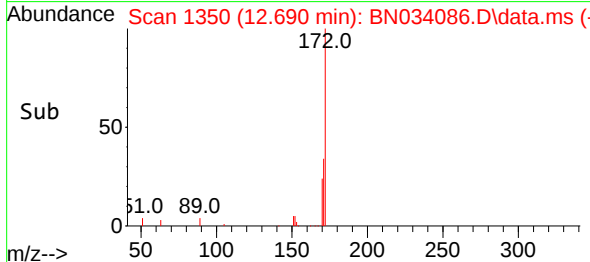
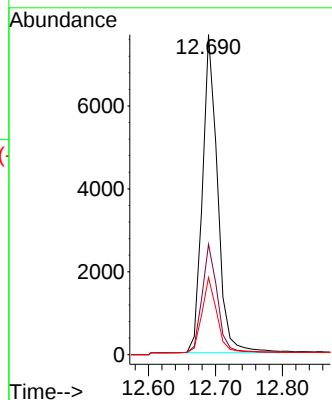
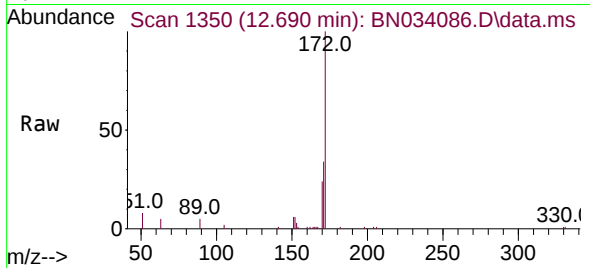




#15
2-Fluorobiphenyl
Concen: 0.342 ng
RT: 12.690 min Scan# 11
Delta R.T. -0.013 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

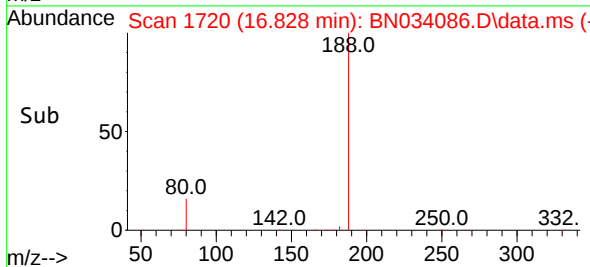
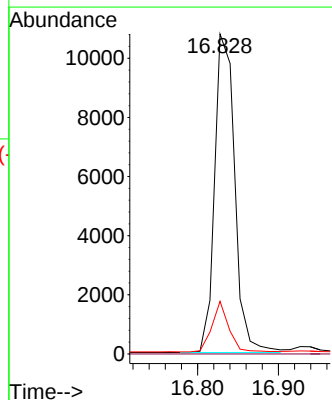
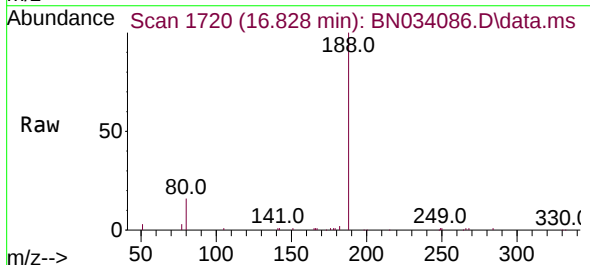
Instrument :
BNA_N
ClientSampleId :
RE104D3-20240911

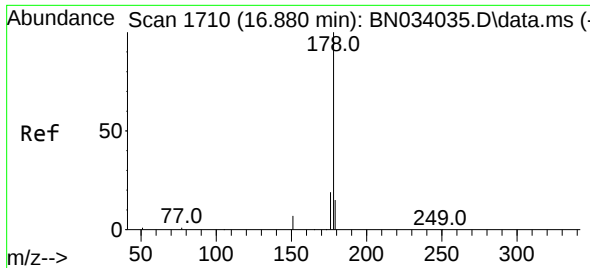
Tgt Ion:172 Resp: 12079
Ion Ratio Lower Upper
172 100
171 34.5 27.3 40.9
170 24.1 18.1 27.1



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.828 min Scan# 1720
Delta R.T. -0.015 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

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#

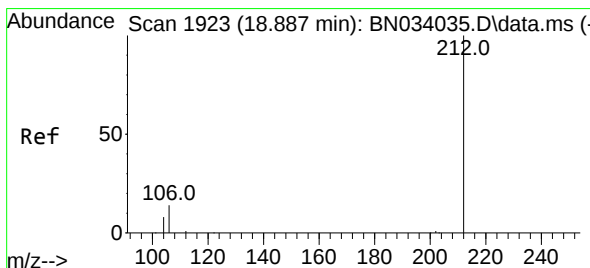
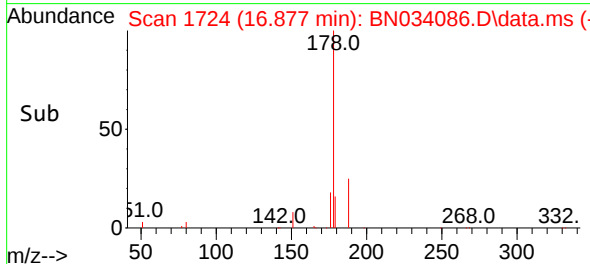
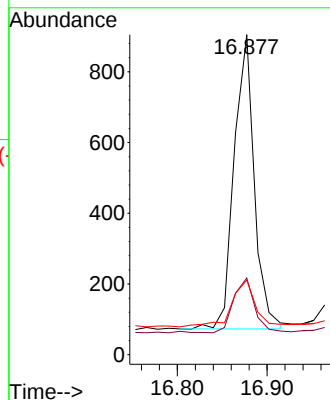
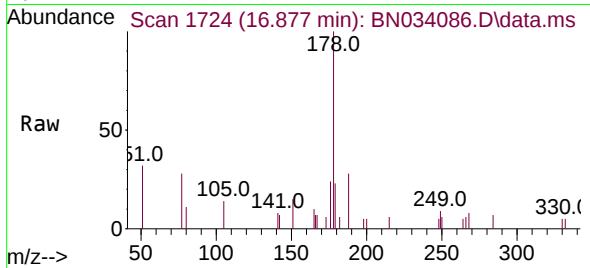




#25
Phenanthrene
Concen: 0.024 ng
RT: 16.877 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BN034086.D
Acq: 20 Sep 2024 14:29

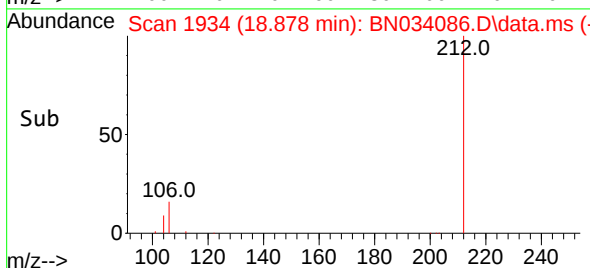
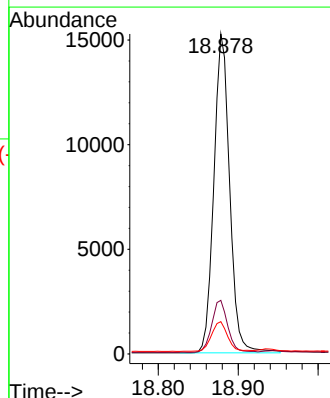
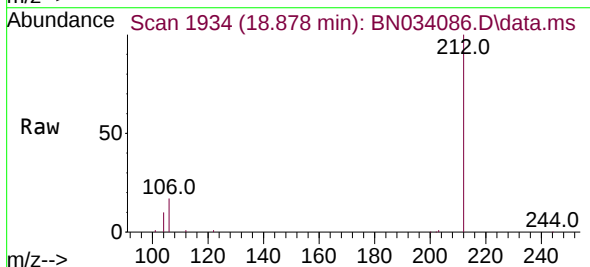
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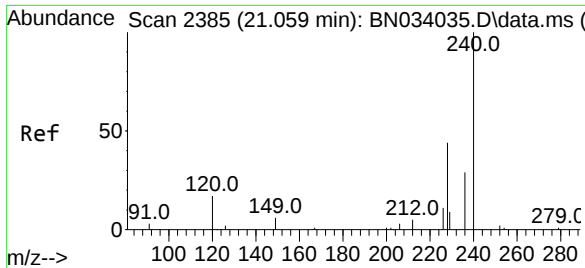
Tgt Ion:178 Resp: 1296
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 18.4 12.1 18.1#



#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

Tgt Ion:212 Resp: 20952
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# 21

Delta R.T. 0.001 min

Lab File: BN034086.D

Acq: 20 Sep 2024 14:29

Instrument :

BNA_N

ClientSampleId :

RE104D3-20240911

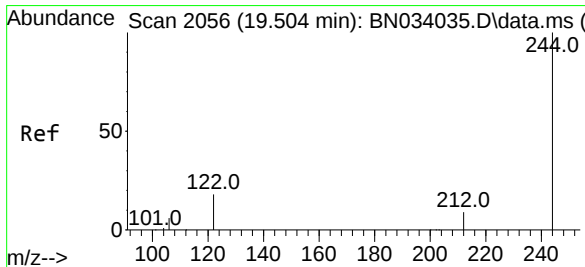
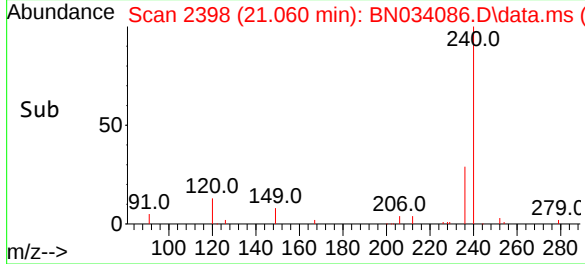
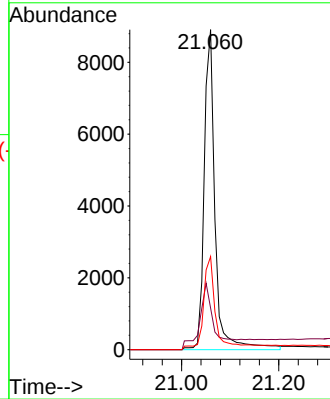
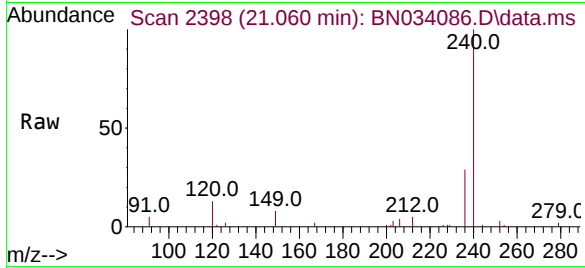
Tgt Ion:240 Resp: 13213

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# 2068

Delta R.T. -0.004 min

Lab File: BN034086.D

Acq: 20 Sep 2024 14:29

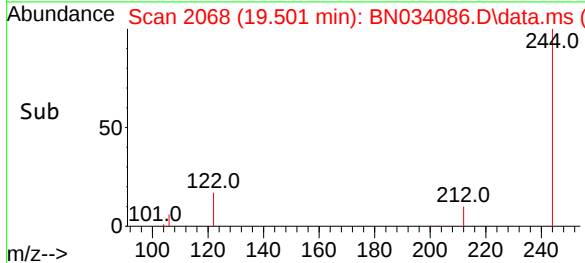
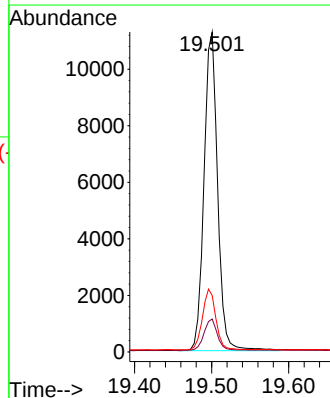
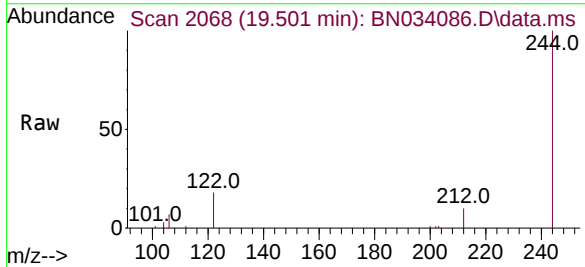
Tgt Ion:244 Resp: 13801

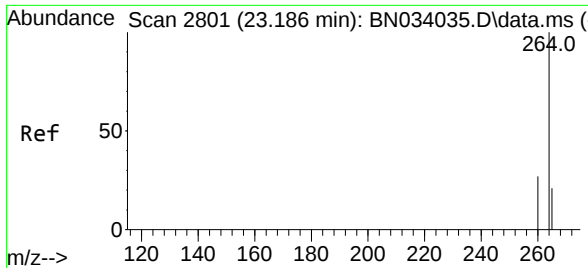
Ion Ratio Lower Upper

244 100

212 10.3 7.8 11.6

122 17.6 14.8 22.2





#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 :
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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#

