

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034105.D
 Acq On : 21 Sep 2024 02:40
 Operator : JU/RC
 Sample : P4003-13
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20240912

Quant Time: Sep 21 04:12:21 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)

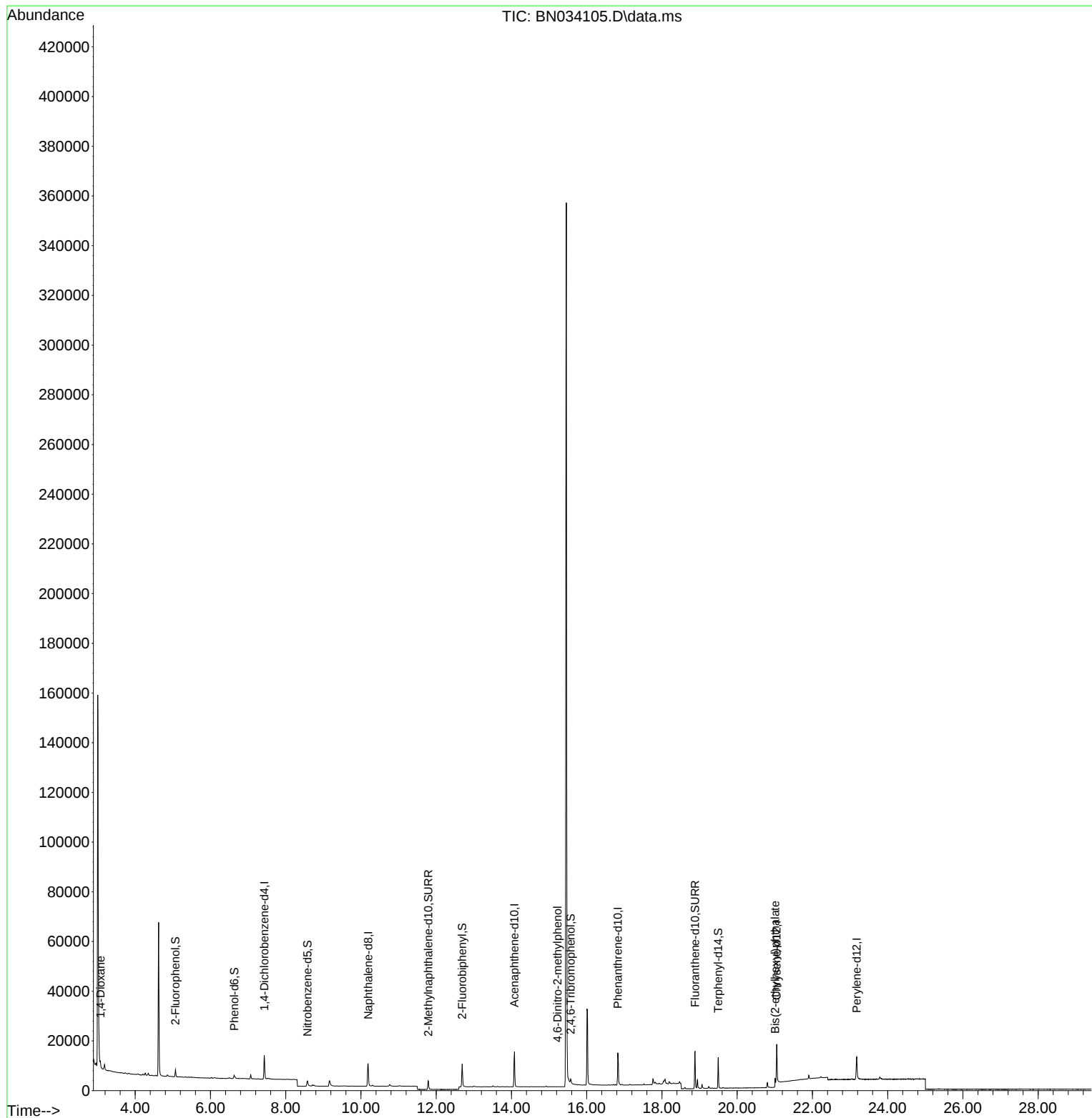
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	4566	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	13379	0.400	ng	0.00
13) Acenaphthene-d10	14.079	164	8014	0.400	ng	0.00
19) Phenanthrene-d10	16.828	188	17681	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	14431	0.400	ng	0.00
35) Perylene-d12	23.175	264	12257	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	2020	0.156	ng	0.00
5) Phenol-d6	6.629	99	1359	0.090	ng	0.00
8) Nitrobenzene-d5	8.579	82	2458	0.240	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	5122	0.259	ng	0.00
14) 2,4,6-Tribromophenol	15.574	330	909	0.250	ng	-0.01
15) 2-Fluorobiphenyl	12.690	172	8121	0.249	ng	-0.01
27) Fluoranthene-d10	18.878	212	16571	0.371	ng	0.00
31) Terphenyl-d14	19.496	244	11049	0.383	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.076	88	1034	0.181	ng	# 27
20) 4,6-Dinitro-2-methylph...	15.223	198	4	0.139	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.006	149	1940	0.102	ng	# 91

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

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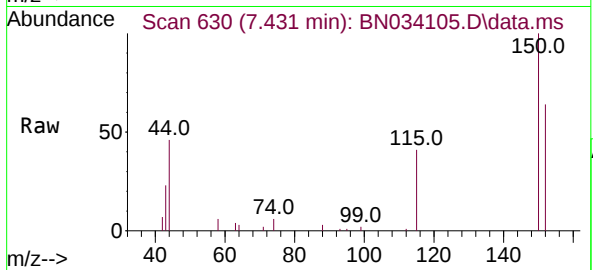
Quant Time: Sep 21 04:12:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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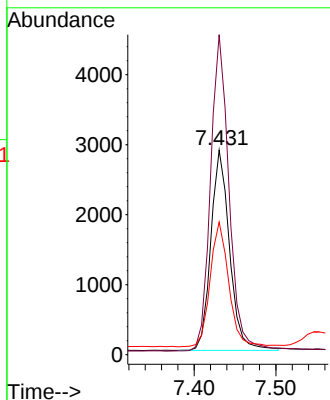
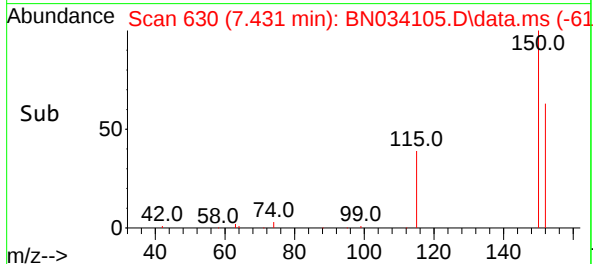


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034105.D
Acq: 21 Sep 2024 02:40

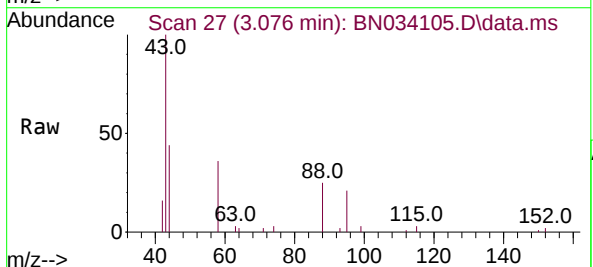
Instrument :
BNA_N
ClientSampleId :
RE103D3-20240912



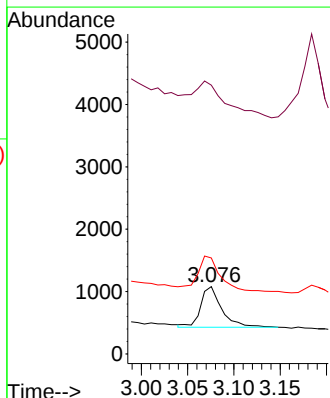
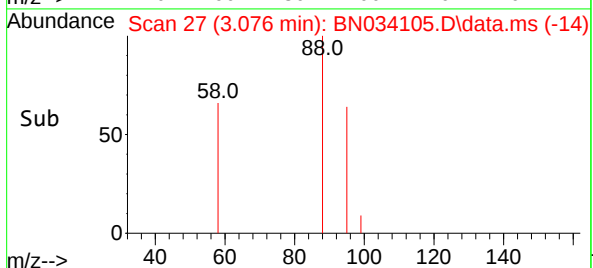
Tgt Ion:152 Resp: 4566
Ion Ratio Lower Upper
152 100
150 156.4 124.6 187.0
115 64.8 50.0 75.0

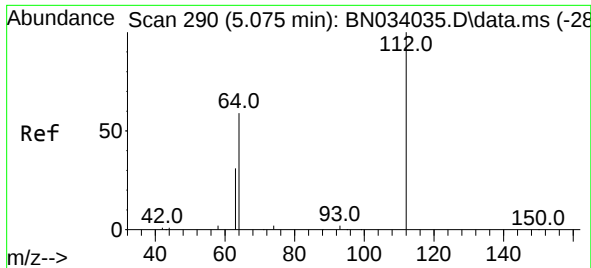


#2
1,4-Dioxane
Concen: 0.181 ng
RT: 3.076 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034105.D
Acq: 21 Sep 2024 02:40



Tgt Ion: 88 Resp: 1034
Ion Ratio Lower Upper
88 100
43 135.5 25.8 38.8#
58 94.0 58.8 88.2#

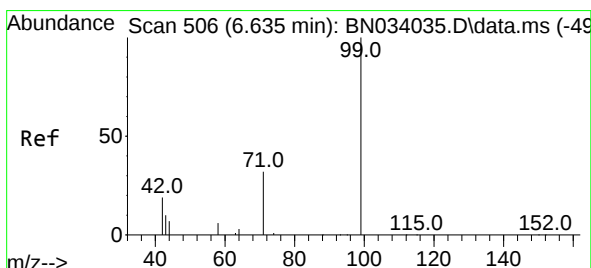
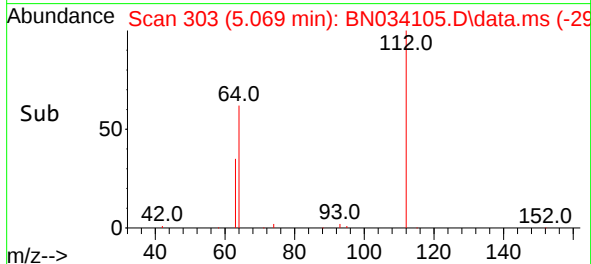
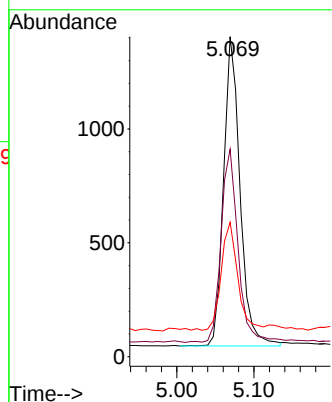
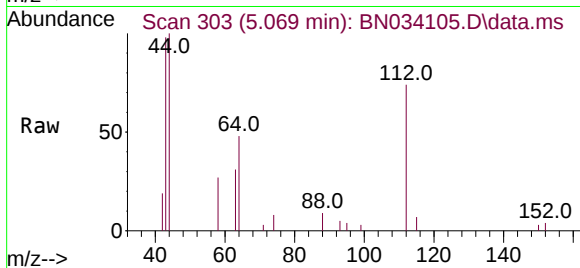




#4
2-Fluorophenol
Concen: 0.156 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034105.D
Acq: 21 Sep 2024 02:40

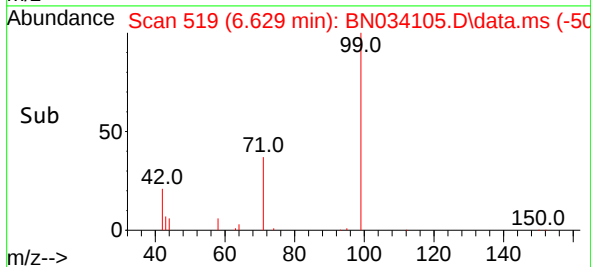
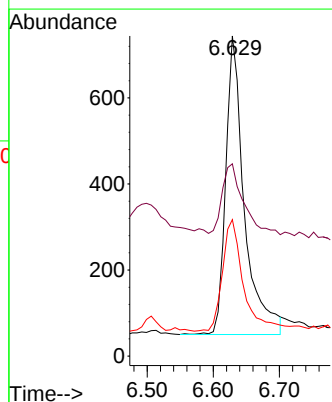
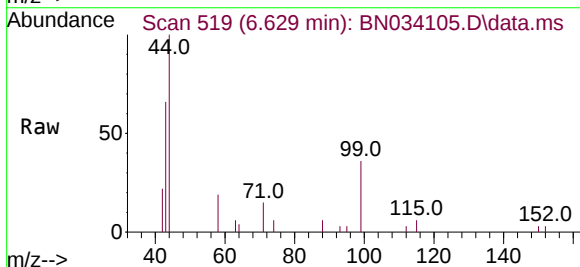
Instrument :
BNA_N
ClientSampleId :
RE103D3-20240912

Tgt Ion:112 Resp: 2020
Ion Ratio Lower Upper
112 100
64 64.5 48.6 72.8
63 34.9 25.6 38.4



#5
Phenol-d6
Concen: 0.090 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034105.D
Acq: 21 Sep 2024 02:40

Tgt Ion: 99 Resp: 1359
Ion Ratio Lower Upper
99 100
42 27.2 17.8 26.8#
71 41.6 26.2 39.2#

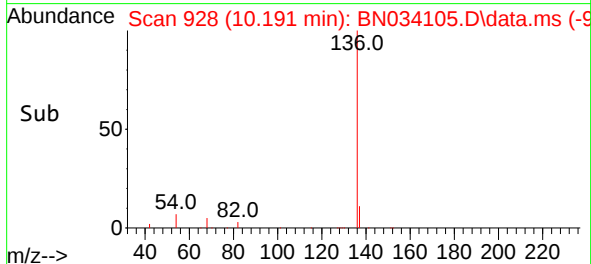
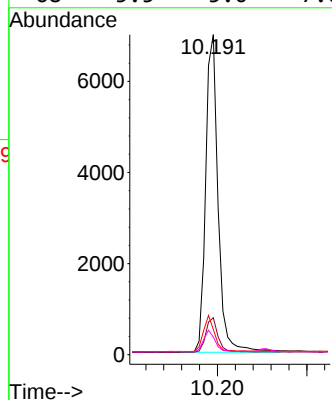
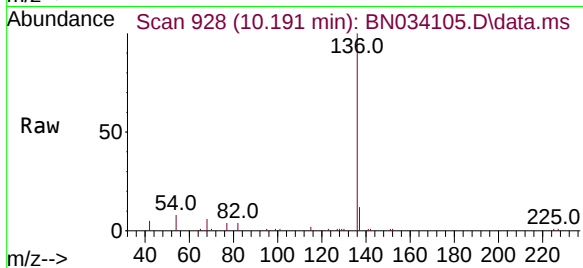




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034105.D
Acq: 21 Sep 2024 02:40

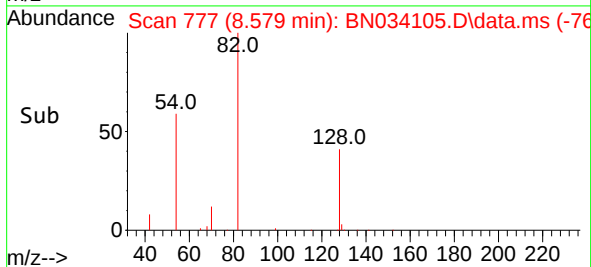
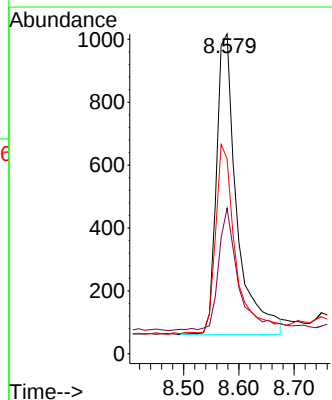
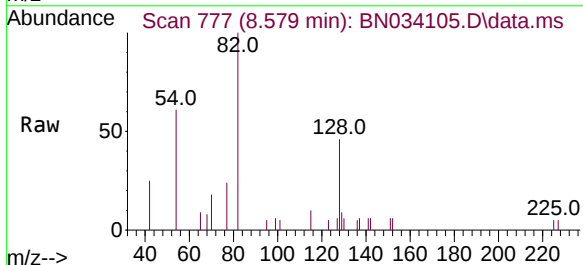
Instrument :
BNA_N
ClientSampleId :
RE103D3-20240912

Tgt Ion:136	Resp:	13379
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.0 13.6
54	7.9	6.8 10.2
68	5.5	5.0 7.6



#8
Nitrobenzene-d5
Concen: 0.240 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034105.D
Acq: 21 Sep 2024 02:40

Tgt Ion: 82	Resp:	2458
Ion Ratio	Lower	Upper
82	100	
128	45.5	31.4 47.2
54	61.0	47.4 71.0

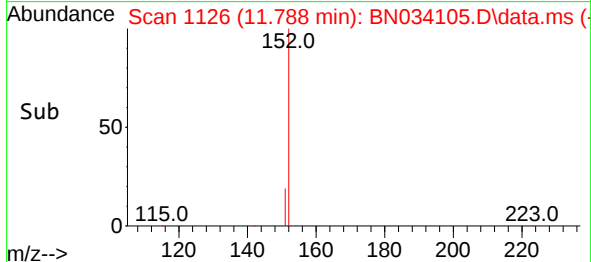
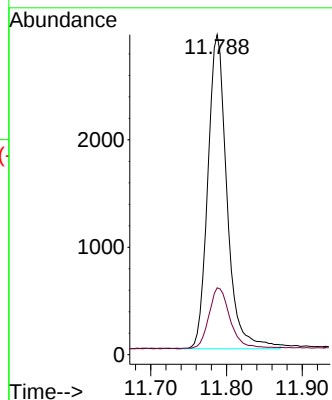
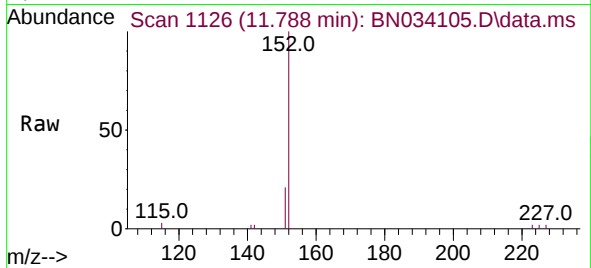




#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 11.788 min Scan# 1113
Delta R.T. -0.006 min
Lab File: BN034105.D
Acq: 21 Sep 2024 02:40

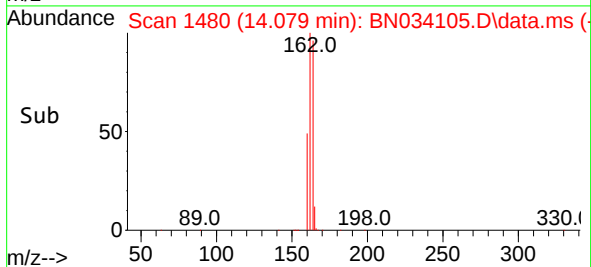
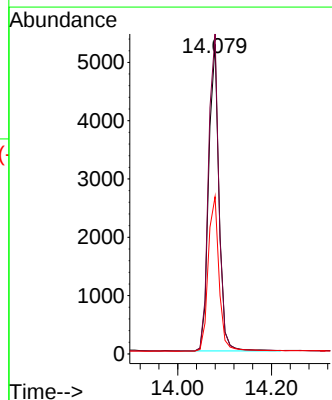
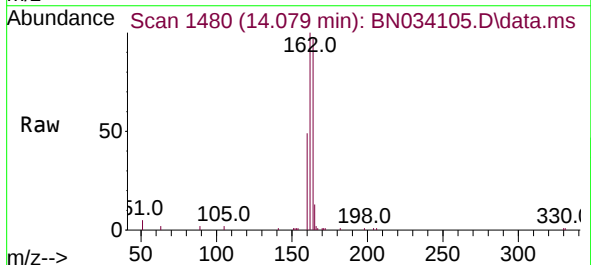
Instrument :
BNA_N
ClientSampleId :
RE103D3-20240912

Tgt Ion:152 Resp: 5122
Ion Ratio Lower Upper
152 100
151 21.2 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: BN034105.D
Acq: 21 Sep 2024 02:40

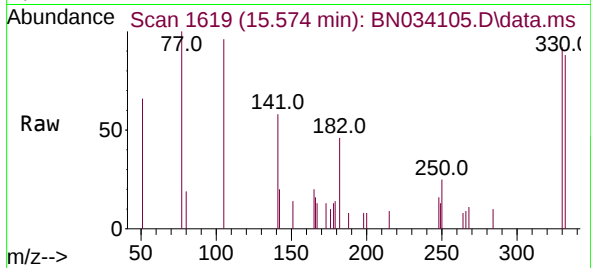
Tgt Ion:164 Resp: 8014
Ion Ratio Lower Upper
164 100
162 103.4 84.2 126.2
160 50.8 41.7 62.5



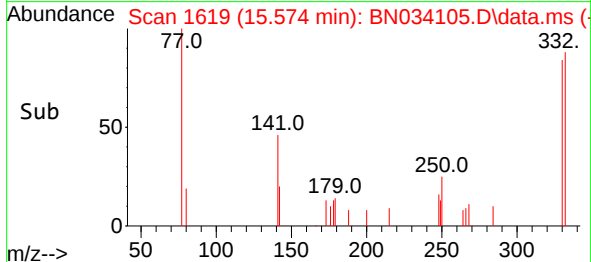
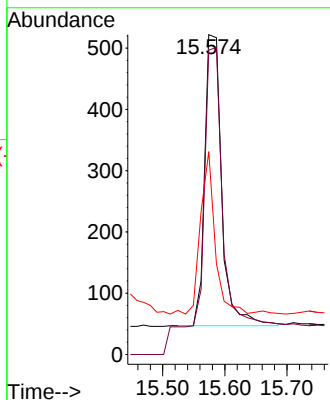


#14
2,4,6-Tribromophenol
Concen: 0.250 ng
RT: 15.574 min Scan# 1
Delta R.T. -0.015 min
Lab File: BN034105.D
Acq: 21 Sep 2024 02:40

Instrument :
BNA_N
ClientSampleId :
RE103D3-20240912

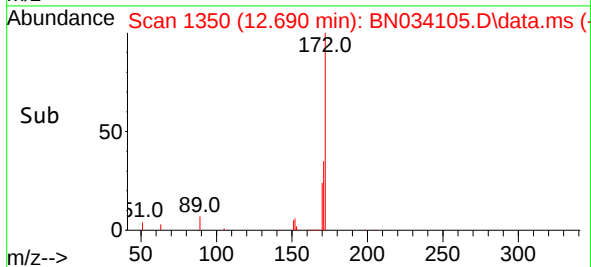
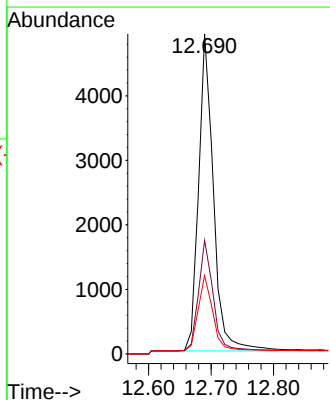
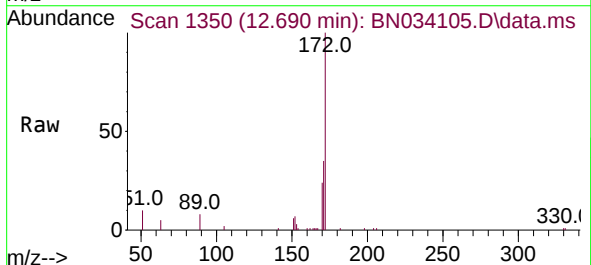


Tgt Ion:330 Resp: 909
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.0
141 47.6 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.249 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034105.D
Acq: 21 Sep 2024 02:40

Tgt Ion:172 Resp: 8121
Ion Ratio Lower Upper
172 100
171 35.5 27.3 40.9
170 24.5 18.1 27.1





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.828 min Scan# 11

Delta R.T. -0.015 min

Lab File: BN034105.D

Acq: 21 Sep 2024 02:40

Instrument :

BNA_N

ClientSampleId :

RE103D3-20240912

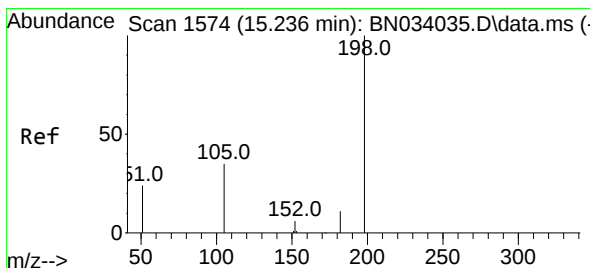
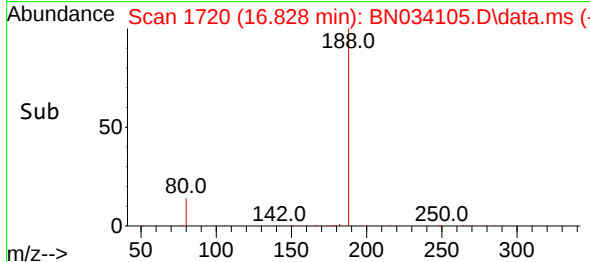
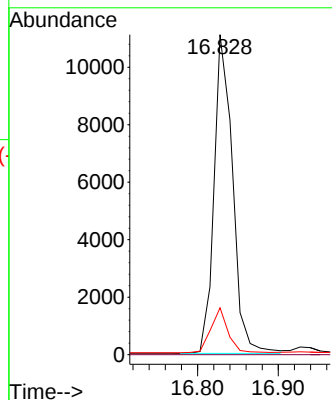
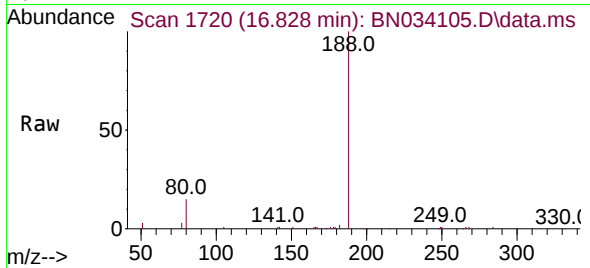
Tgt Ion:188 Resp: 17681

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.6 7.4 11.0#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.139 ng

RT: 15.223 min Scan# 1587

Delta R.T. -0.013 min

Lab File: BN034105.D

Acq: 21 Sep 2024 02:40

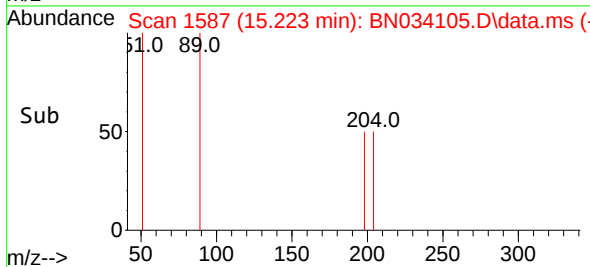
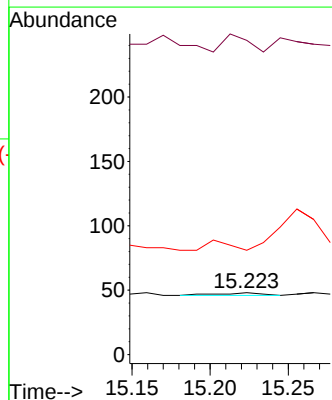
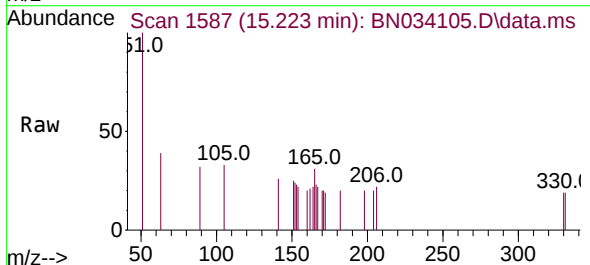
Tgt Ion:198 Resp: 4

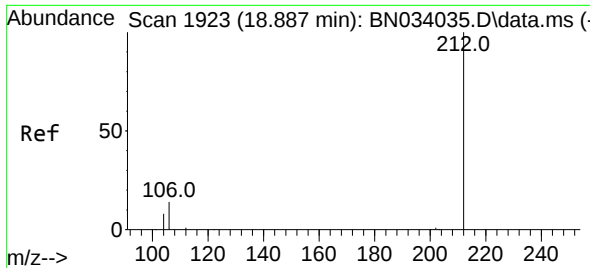
Ion Ratio Lower Upper

198 100

51 508.3 106.4 159.6#

105 168.8 38.5 57.7#

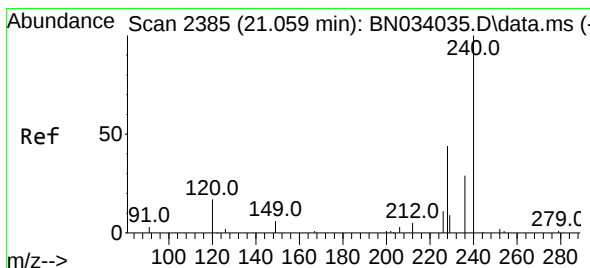
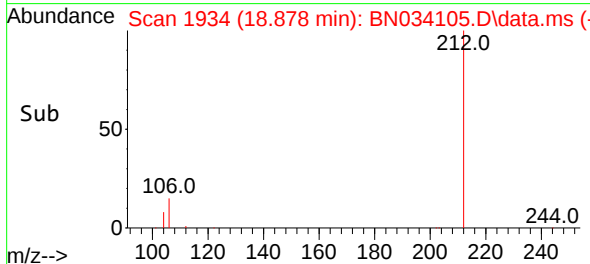
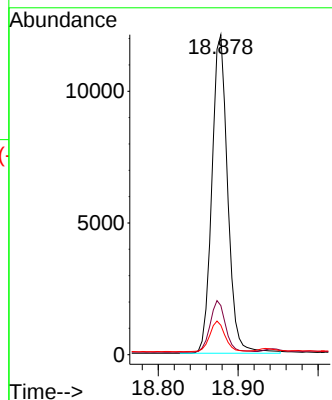
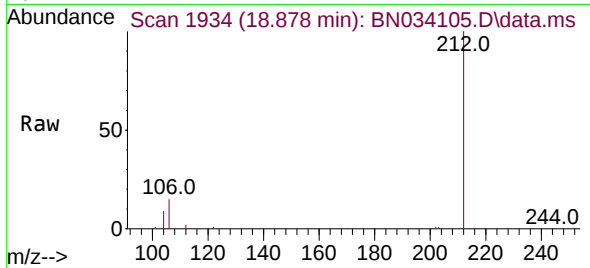




#27
Fluoranthene-d10
Concen: 0.371 ng
RT: 18.878 min Scan# 1934
Delta R.T. -0.008 min
Lab File: BN034105.D
Acq: 21 Sep 2024 02:40

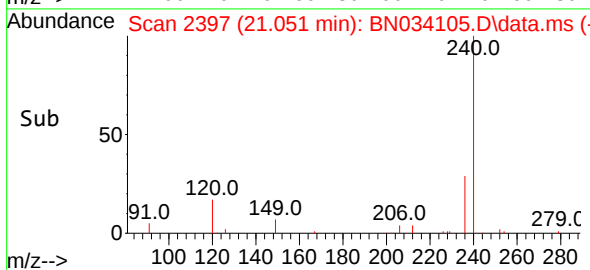
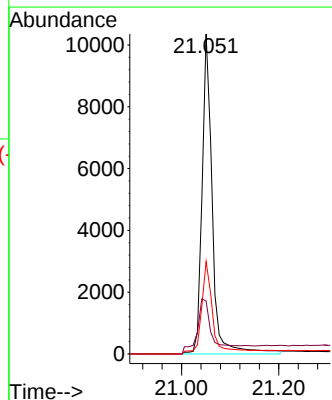
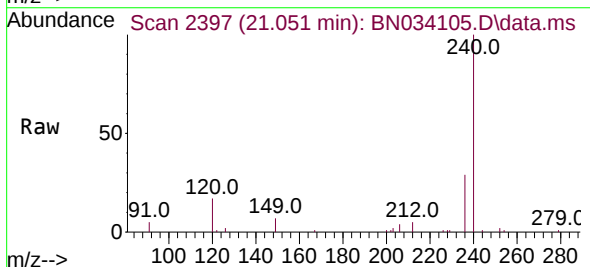
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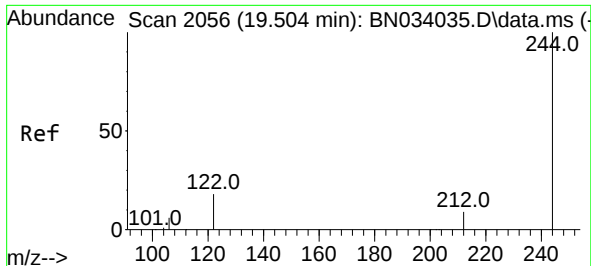
Tgt Ion:212 Resp: 16571
Ion Ratio Lower Upper
212 100
106 16.0 13.4 20.2
104 9.3 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.051 min Scan# 2397
Delta R.T. -0.008 min
Lab File: BN034105.D
Acq: 21 Sep 2024 02:40

Tgt Ion:240 Resp: 14431
Ion Ratio Lower Upper
240 100
120 16.5 13.5 20.3
236 28.9 23.4 35.0

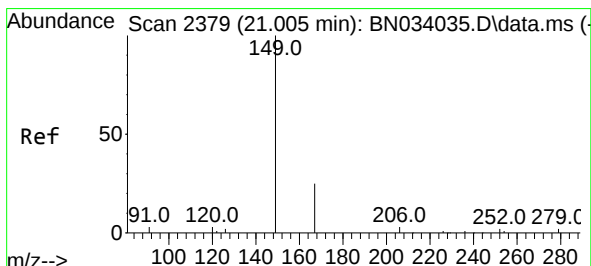
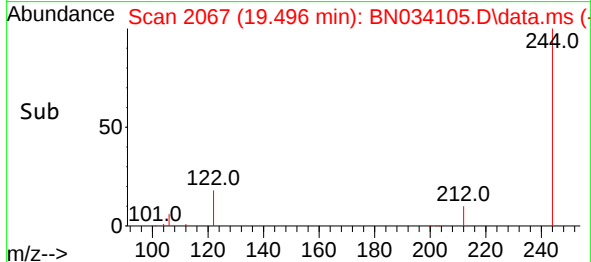
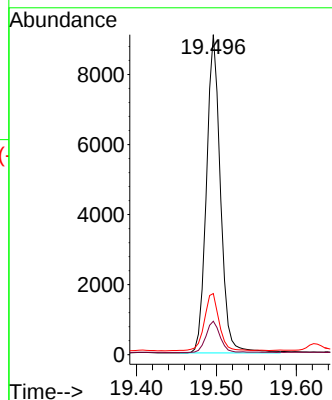
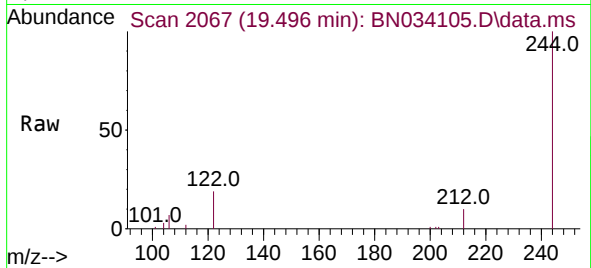




#31
 Terphenyl-d14
 Concen: 0.383 ng
 RT: 19.496 min Scan# 2056
 Delta R.T. -0.008 min
 Lab File: BN034105.D
 Acq: 21 Sep 2024 02:40

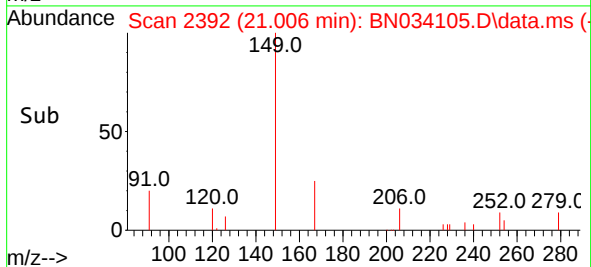
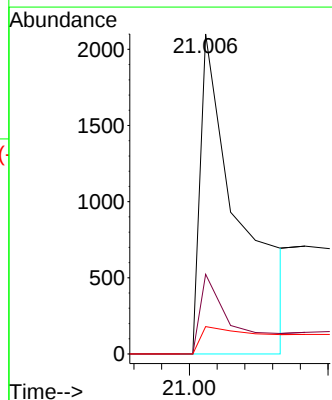
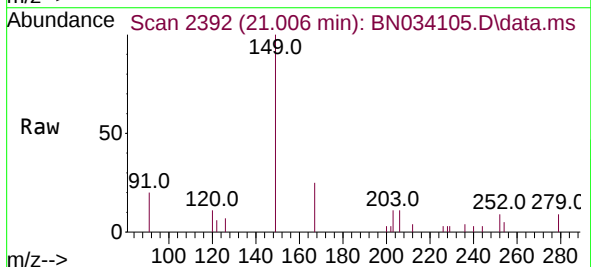
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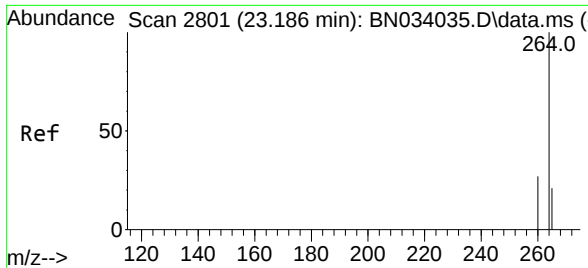
Tgt Ion:244 Resp: 11049
 Ion Ratio Lower Upper
 244 100
 212 10.4 7.8 11.6
 122 19.1 14.8 22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.006 min Scan# 2392
 Delta R.T. 0.001 min
 Lab File: BN034105.D
 Acq: 21 Sep 2024 02:40

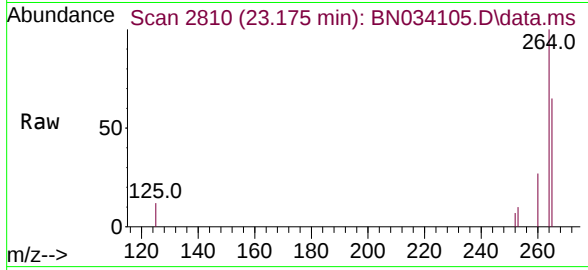
Tgt Ion:149 Resp: 1940
 Ion Ratio Lower Upper
 149 100
 167 22.1 19.9 29.9
 279 13.2 4.6 6.8#





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.175 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BN034105.D
 Acq: 21 Sep 2024 02:40

Instrument :
 BNA_N
 ClientSampleId :
 RE103D3-20240912



Tgt Ion:264 Resp: 12257

Ion	Ratio	Lower	Upper
264	100		
260	26.9	21.7	32.5
265	65.4	52.1	78.1

