

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034103.D
 Acq On : 21 Sep 2024 01:27
 Operator : JU/RC
 Sample : P4003-11
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20240912

Quant Time: Sep 21 02:00:47 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)

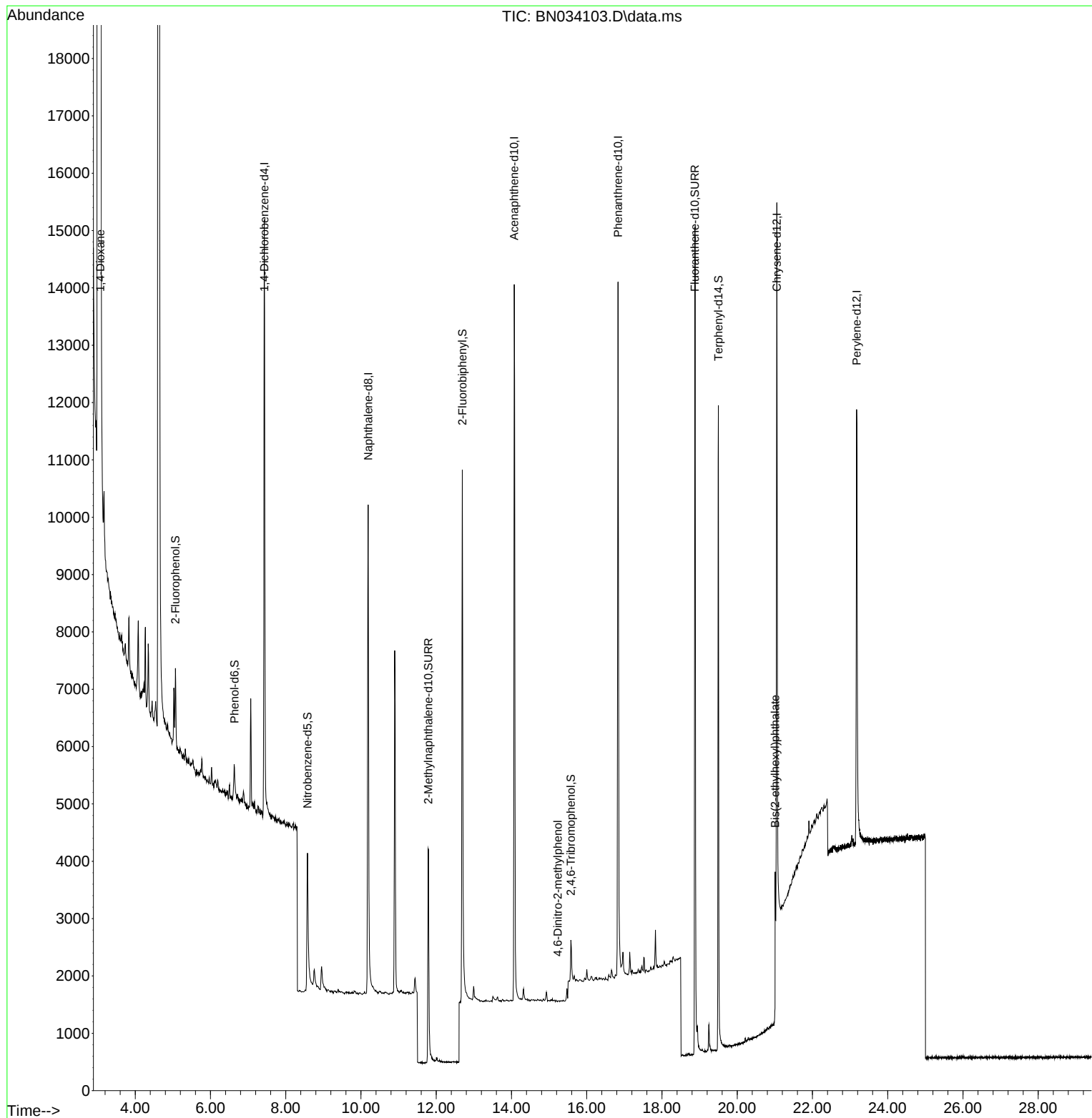
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	4791	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	12994	0.400	ng	0.00
13) Acenaphthene-d10	14.073	164	7855	0.400	ng	0.00
19) Phenanthrene-d10	16.833	188	17512	0.400	ng	# 0.00
29) Chrysene-d12	21.053	240	12813	0.400	ng	0.00
35) Perylene-d12	23.174	264	10476	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1031	0.076	ng	0.00
5) Phenol-d6	6.636	99	689	0.044	ng	0.00
8) Nitrobenzene-d5	8.579	82	2844	0.286	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	6033	0.314	ng	0.00
14) 2,4,6-Tribromophenol	15.580	330	525	0.148	ng	0.00
15) 2-Fluorobiphenyl	12.693	172	9739	0.305	ng	0.00
27) Fluoranthene-d10	18.876	212	17456	0.395	ng	-0.01
31) Terphenyl-d14	19.498	244	11001	0.430	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	32286	5.390	ng	# 87
20) 4,6-Dinitro-2-methylph...	15.227	198	3	0.139	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.008	149	1468	0.087	ng	# 80

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

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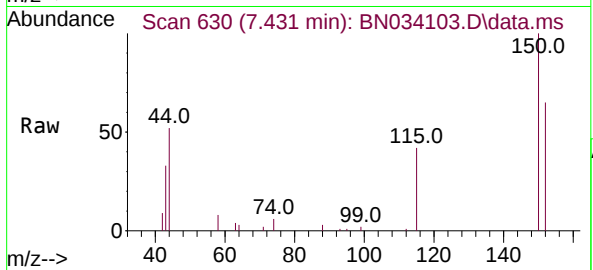
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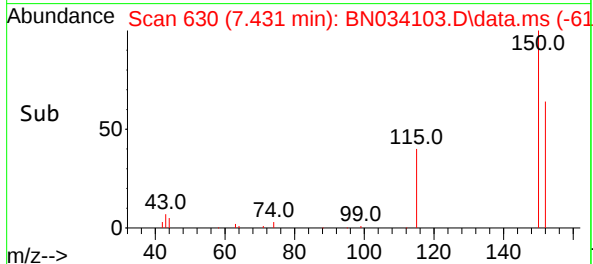
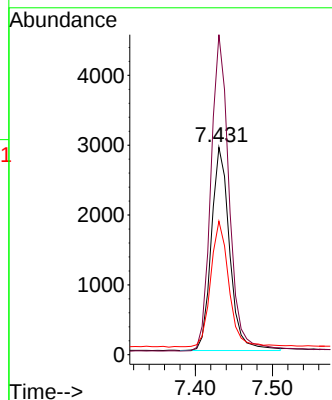


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

Instrument :
BNA_N
ClientSampleId :
RE103D1-20240912

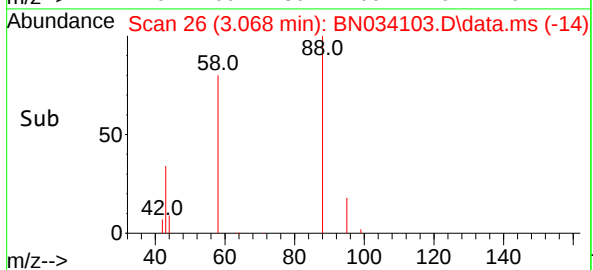
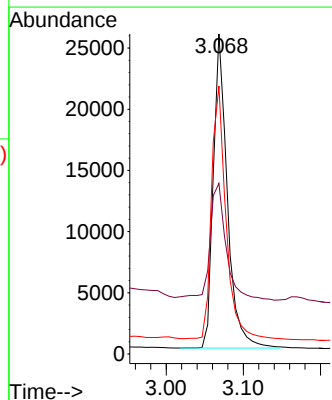
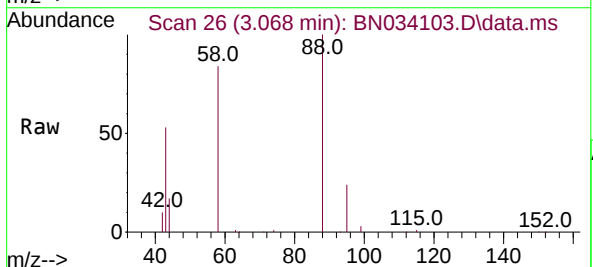


Tgt Ion:152 Resp: 4791
Ion Ratio Lower Upper
152 100
150 154.3 124.6 187.0
115 64.3 50.0 75.0



#2
1,4-Dioxane
Concen: 5.390 ng
RT: 3.068 min Scan# 26
Delta R.T. -0.013 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

Tgt Ion: 88 Resp: 32286
Ion Ratio Lower Upper
88 100
43 43.7 25.8 38.8#
58 82.3 58.8 88.2

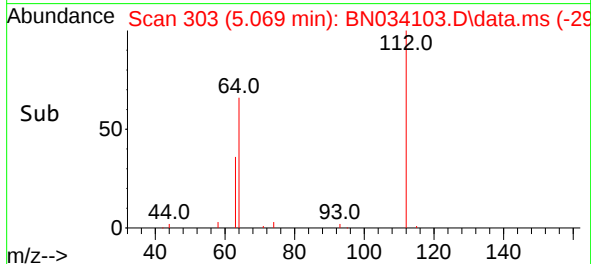
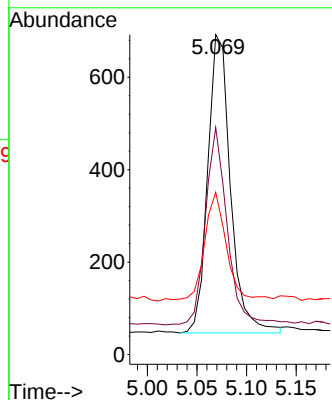
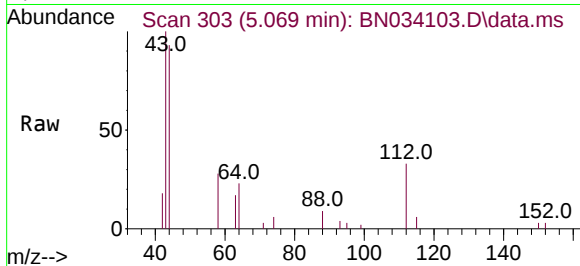




#4
2-Fluorophenol
Concen: 0.076 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

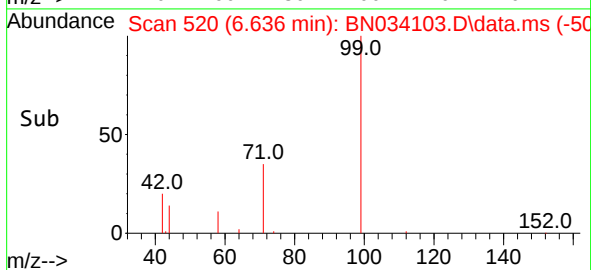
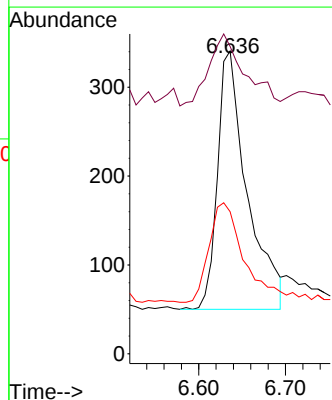
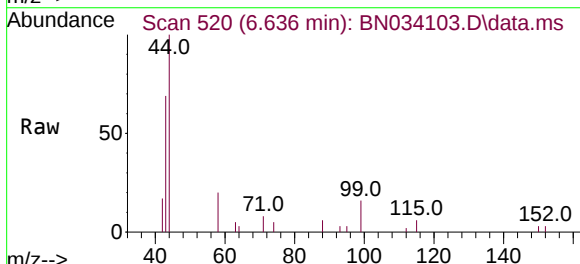
Instrument :
BNA_N
ClientSampleId :
RE103D1-20240912

Tgt Ion:112 Resp: 1031
Ion Ratio Lower Upper
112 100
64 63.3 48.6 72.8
63 35.7 25.6 38.4



#5
Phenol-d6
Concen: 0.044 ng
RT: 6.636 min Scan# 520
Delta R.T. 0.001 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

Tgt Ion: 99 Resp: 689
Ion Ratio Lower Upper
99 100
42 31.2 17.8 26.8#
71 45.3 26.2 39.2#

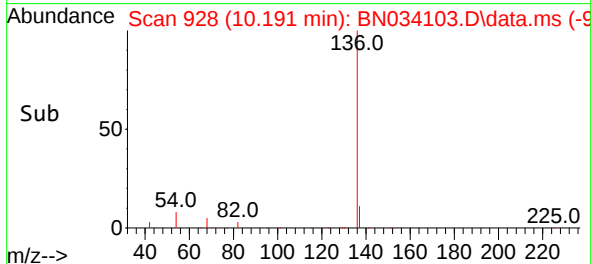
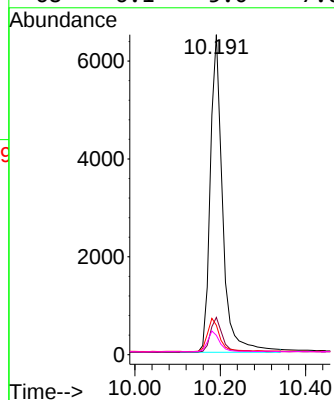
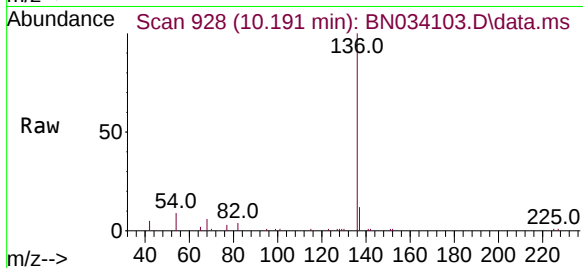




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

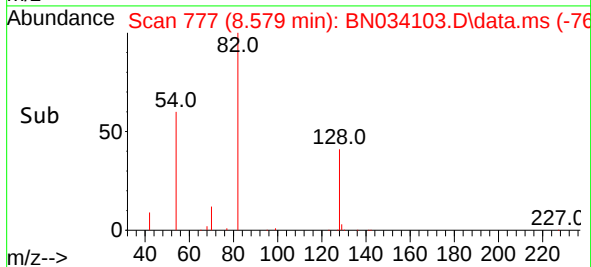
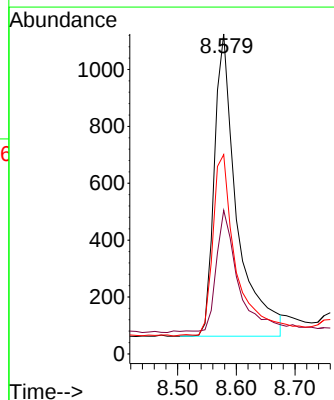
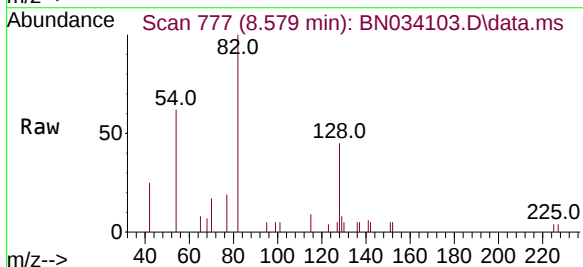
Instrument :
BNA_N
ClientSampleId :
RE103D1-20240912

Tgt Ion:	136	Resp:	12994
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	9.2	6.8	10.2
68	6.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.286 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

Tgt Ion:	82	Resp:	2844
Ion	Ratio	Lower	Upper
82	100		
128	44.9	31.4	47.2
54	62.3	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.314 ng

RT: 11.788 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BN034103.D

Acq: 21 Sep 2024 01:27

Instrument :

BNA_N

ClientSampleId :

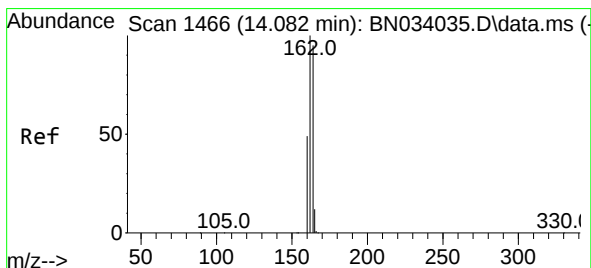
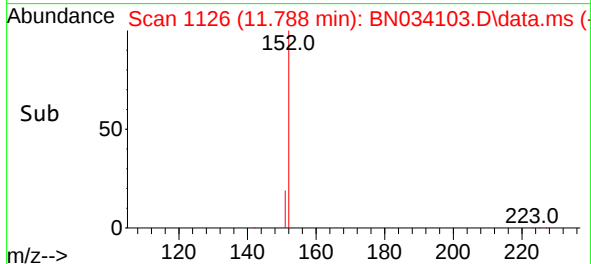
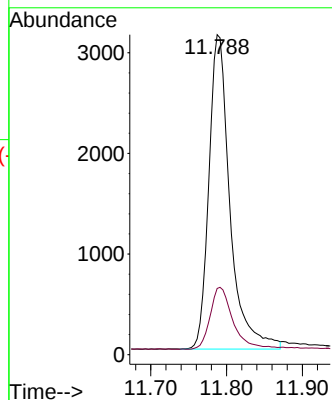
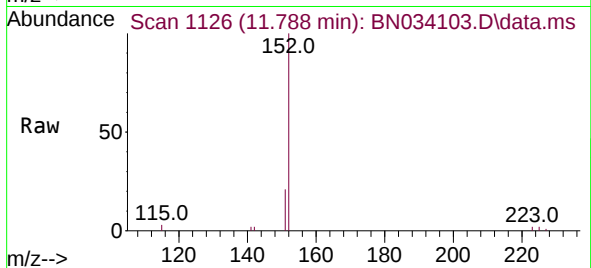
RE103D1-20240912

Tgt Ion:152 Resp: 6033

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.073 min Scan# 1480

Delta R.T. -0.009 min

Lab File: BN034103.D

Acq: 21 Sep 2024 01:27

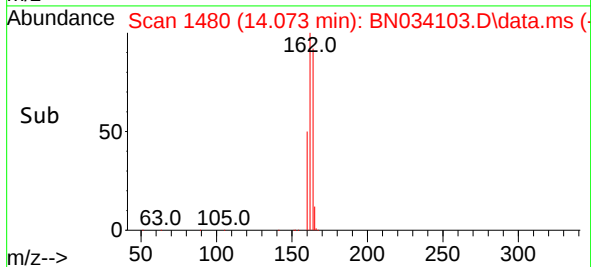
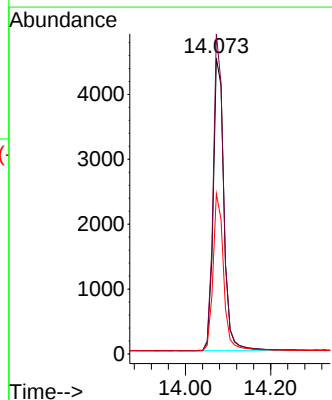
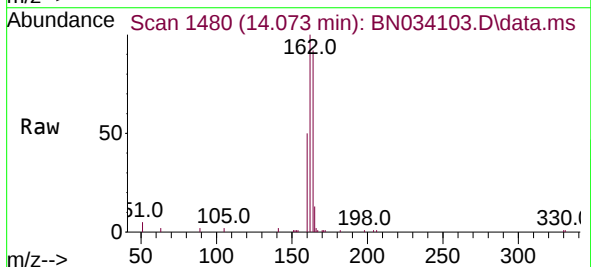
Tgt Ion:164 Resp: 7855

Ion Ratio Lower Upper

164 100

162 108.2 84.2 126.2

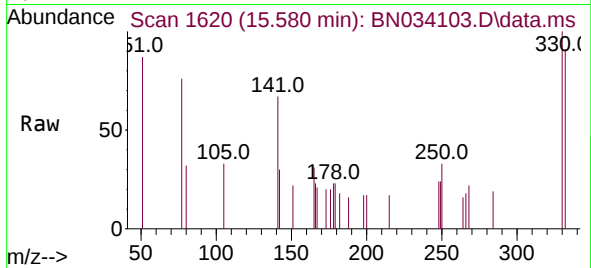
160 54.2 41.7 62.5



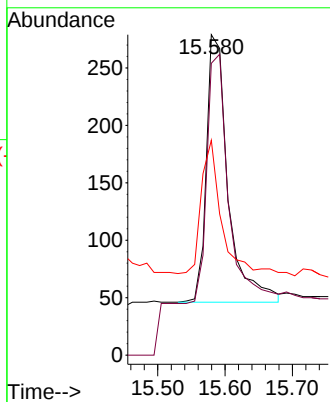
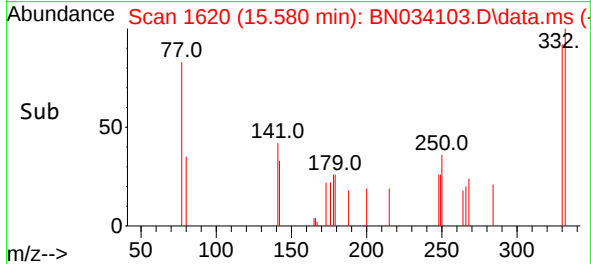


#14
2,4,6-Tribromophenol
Concen: 0.148 ng
RT: 15.580 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

Instrument :
BNA_N
ClientSampleId :
RE103D1-20240912

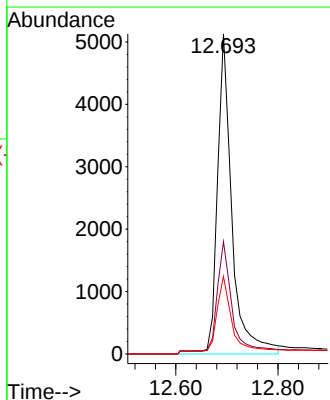
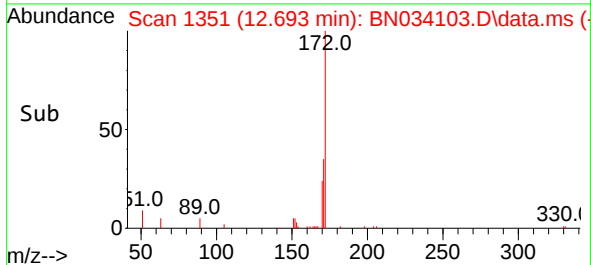
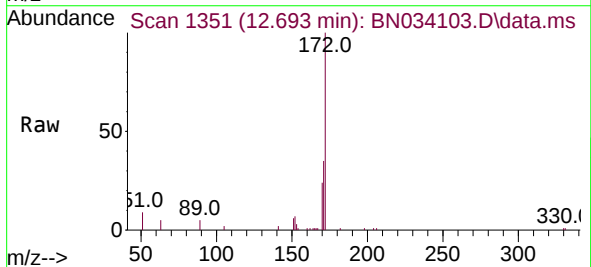


Tgt Ion:330 Resp: 525
Ion Ratio Lower Upper
330 100
332 94.1 77.4 116.0
141 45.0 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 12.693 min Scan# 1351
Delta R.T. -0.009 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

Tgt Ion:172 Resp: 9739
Ion Ratio Lower Upper
172 100
171 35.1 27.3 40.9
170 24.3 18.1 27.1

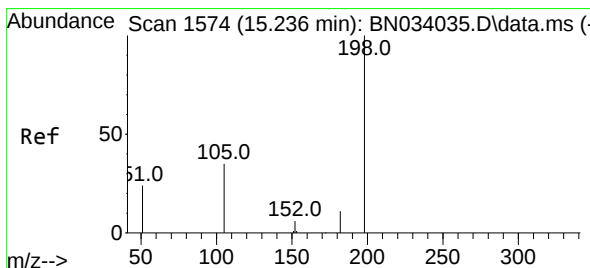
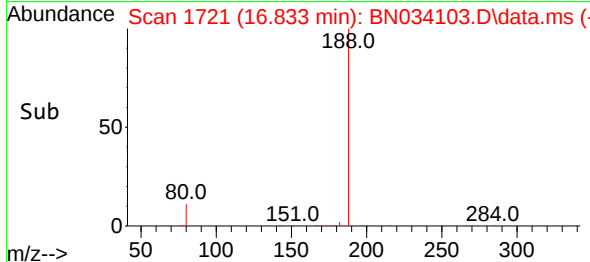
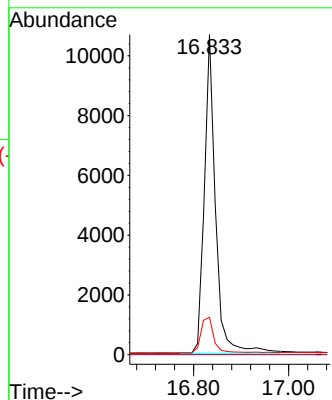
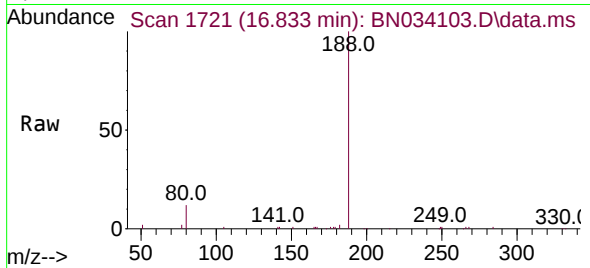




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.833 min Scan# 11
Delta R.T. -0.009 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

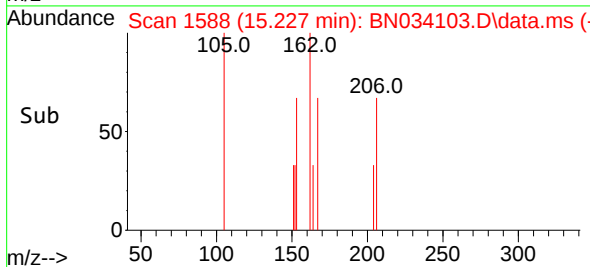
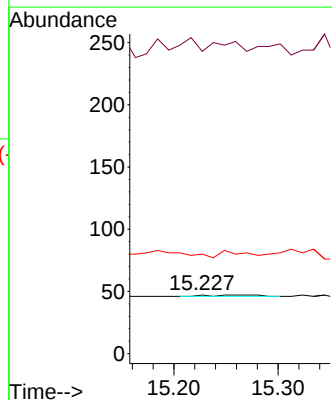
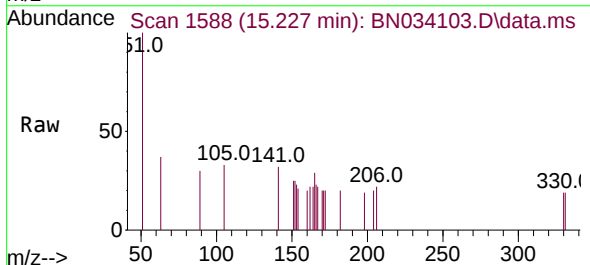
Instrument :
BNA_N
ClientSampleId :
RE103D1-20240912

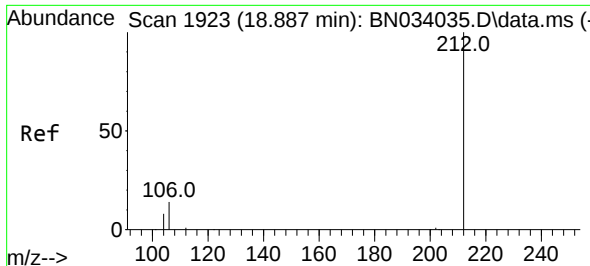
Tgt Ion:188 Resp: 17512
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 7.4 11.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.227 min Scan# 1588
Delta R.T. -0.009 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

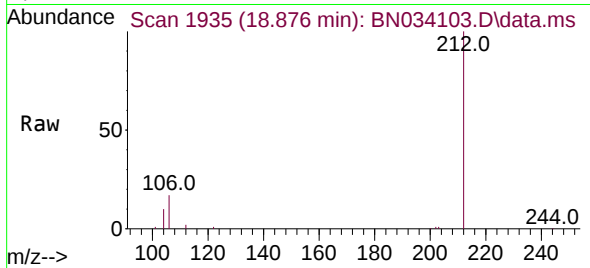
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 517.0 106.4 159.6#
105 170.2 38.5 57.7#



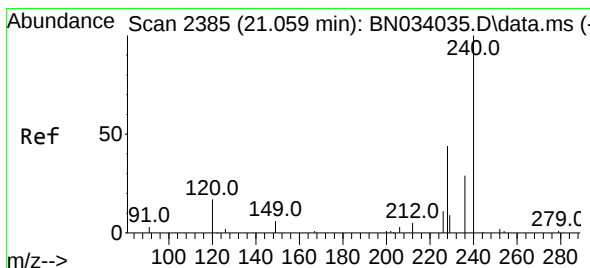
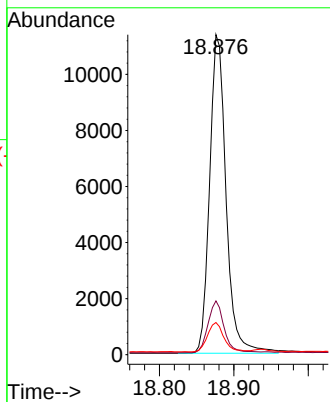
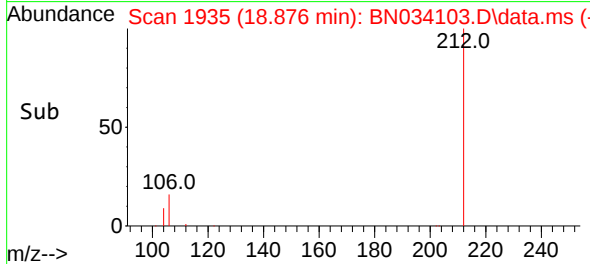


#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 18.876 min Scan# 1935
Delta R.T. -0.011 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

Instrument :
BNA_N
ClientSampleId :
RE103D1-20240912

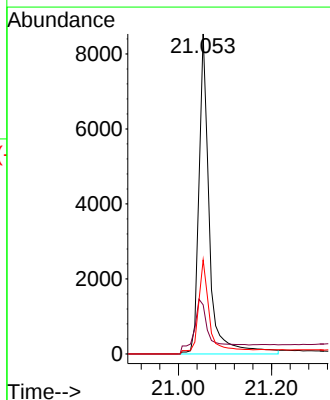
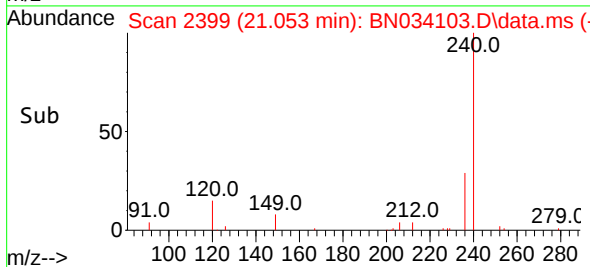
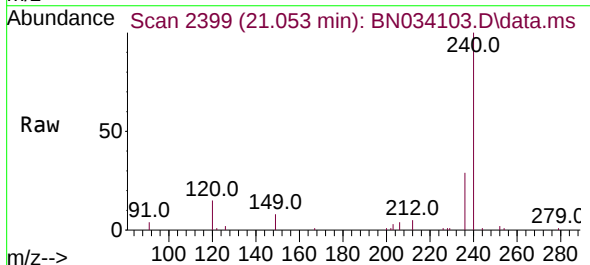


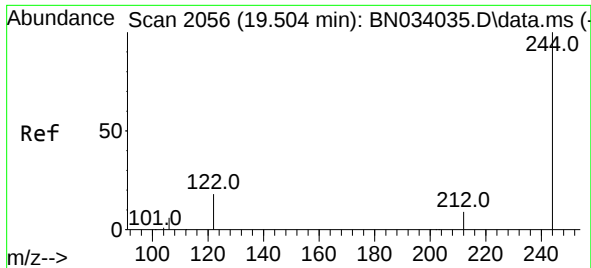
Tgt Ion:212 Resp: 17456
Ion Ratio Lower Upper
212 100
106 15.9 13.4 20.2
104 9.2 7.8 11.6



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.053 min Scan# 2399
Delta R.T. -0.006 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

Tgt Ion:240 Resp: 12813
Ion Ratio Lower Upper
240 100
120 15.3 13.5 20.3
236 29.4 23.4 35.0

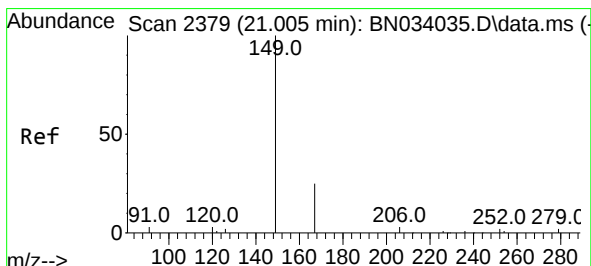
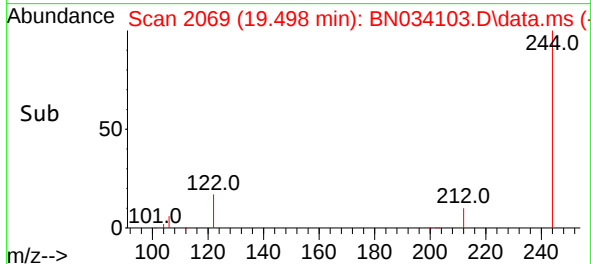
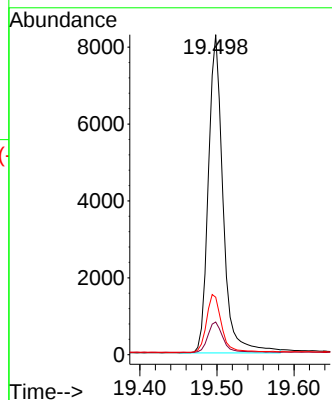
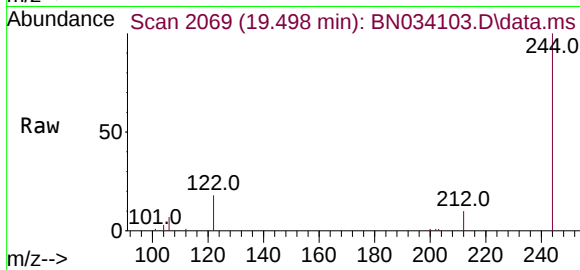




#31
 Terphenyl-d14
 Concen: 0.430 ng
 RT: 19.498 min Scan# 2056
 Delta R.T. -0.006 min
 Lab File: BN034103.D
 Acq: 21 Sep 2024 01:27

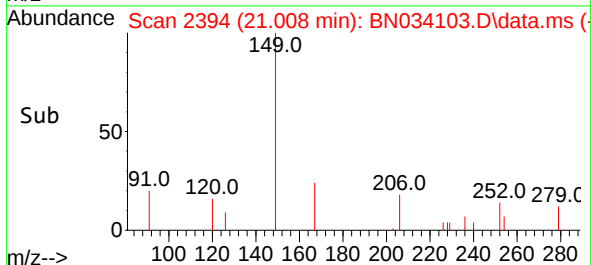
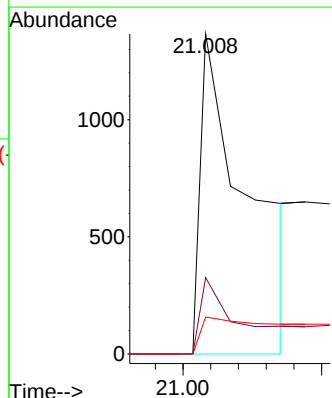
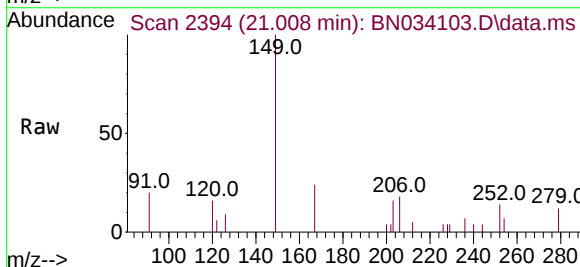
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20240912

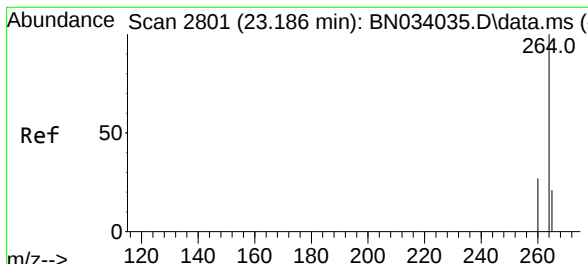
Tgt Ion:244 Resp: 11001
 Ion Ratio Lower Upper
 244 100
 212 10.2 7.8 11.6
 122 17.9 14.8 22.2



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.087 ng
 RT: 21.008 min Scan# 2394
 Delta R.T. 0.003 min
 Lab File: BN034103.D
 Acq: 21 Sep 2024 01:27

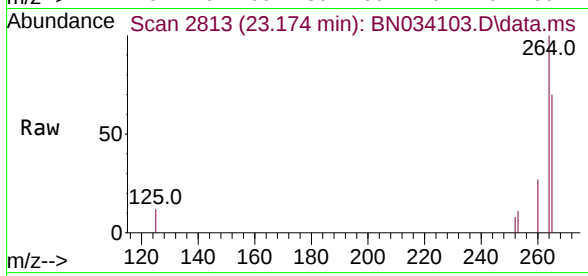
Tgt Ion:149 Resp: 1468
 Ion Ratio Lower Upper
 149 100
 167 16.1 19.9 29.9#
 279 16.4 4.6 6.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.174 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN034103.D
Acq: 21 Sep 2024 01:27

Instrument :
BNA_N
ClientSampleId :
RE103D1-20240912



Tgt Ion:264 Resp: 10476

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.7	32.5
265	69.8	52.1	78.1

