

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
 Data File : BN034104.D
 Acq On : 21 Sep 2024 02:04
 Operator : JU/RC
 Sample : P4003-12
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D2-20240912

Quant Time: Sep 21 02:50:33 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)

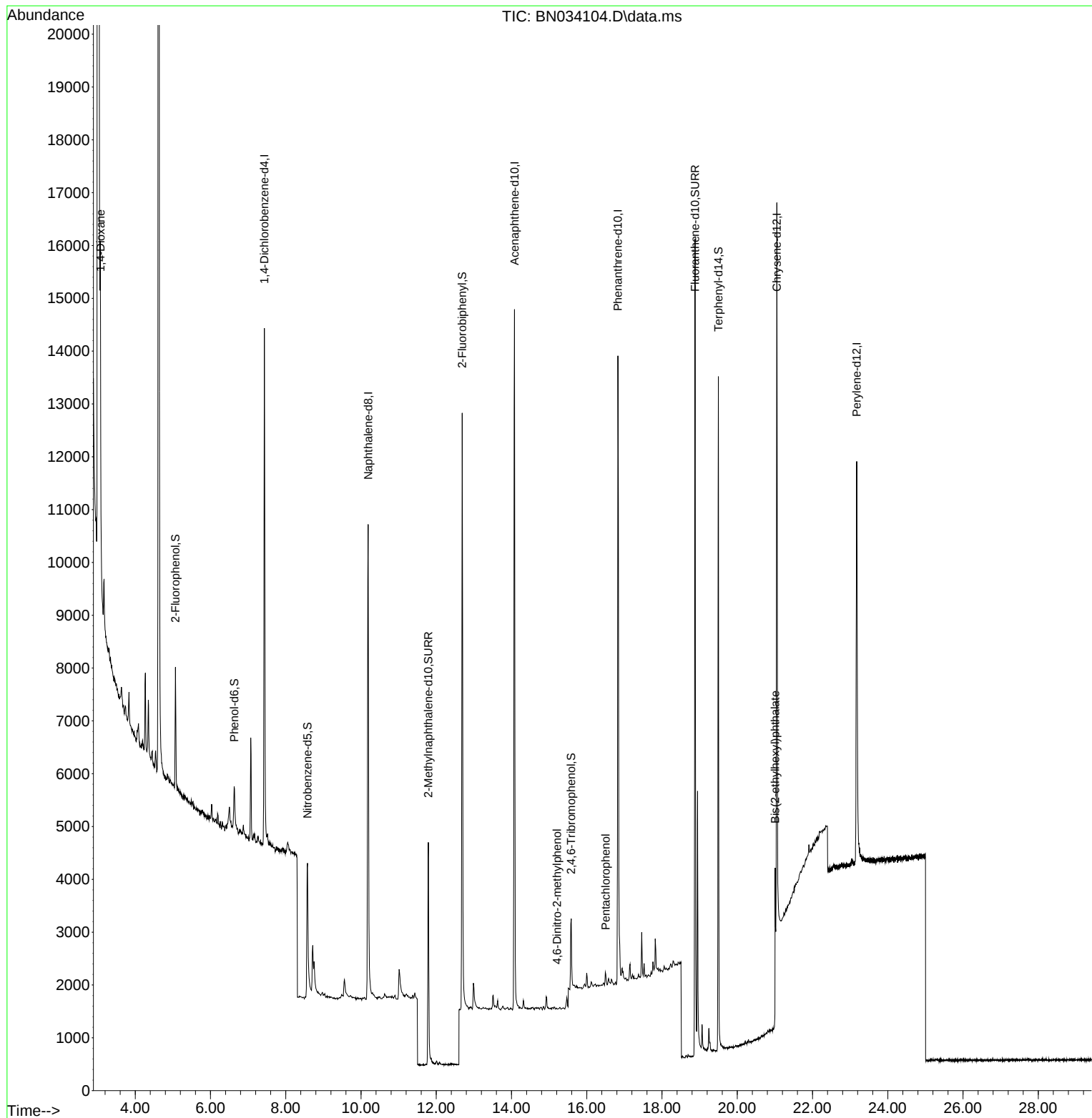
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	4726	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	13261	0.400	ng	0.00
13) Acenaphthene-d10	14.080	164	8026	0.400	ng	0.00
19) Phenanthrene-d10	16.828	188	17306	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	13481	0.400	ng	0.00
35) Perylene-d12	23.175	264	11270	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1672	0.125	ng	0.00
5) Phenol-d6	6.629	99	947	0.061	ng	0.00
8) Nitrobenzene-d5	8.579	82	2933	0.289	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	6258	0.320	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	913	0.251	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	9944	0.305	ng	-0.01
27) Fluoranthene-d10	18.878	212	17423	0.399	ng	0.00
31) Terphenyl-d14	19.496	244	11438	0.425	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.076	88	2339	0.396	ng	# 57
20) 4,6-Dinitro-2-methylph...	15.213	198	3	0.139	ng	# 1
24) Pentachlorophenol	16.505	266	170	0.047	ng	97
34) Bis(2-ethylhexyl)phtha...	21.006	149	1626	0.092	ng	# 89

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

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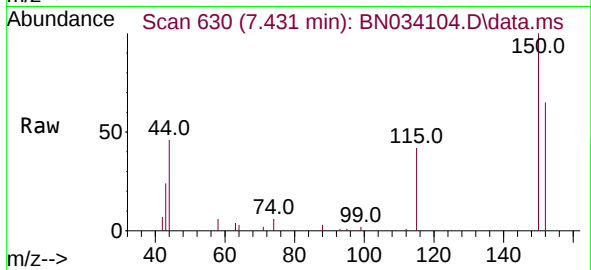
Quant Time: Sep 21 02:50:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
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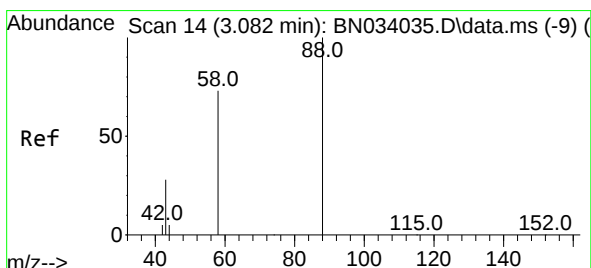
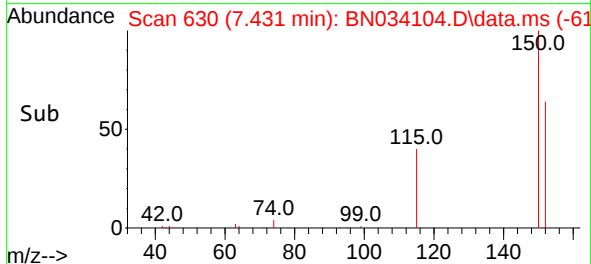
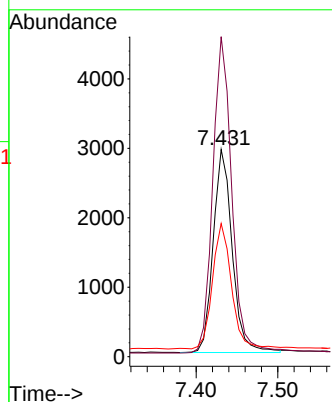


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.431 min Scan# 61
Delta R.T. -0.006 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

Instrument :
BNA_N
ClientSampleId :
RE103D2-20240912

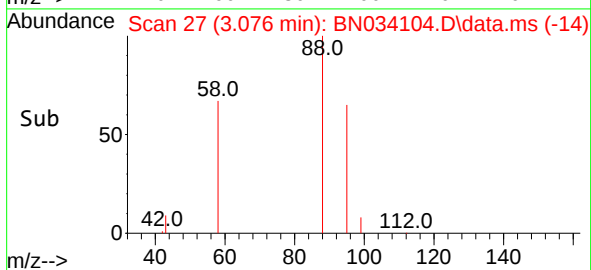
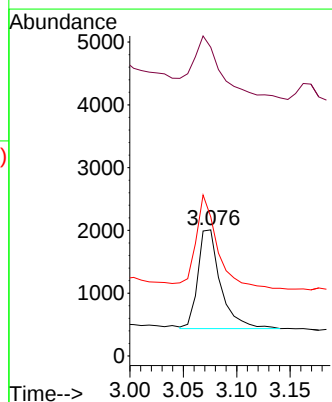
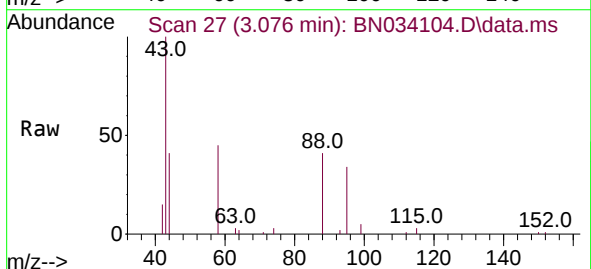


Tgt Ion:152 Resp: 4726
Ion Ratio Lower Upper
152 100
150 154.5 124.6 187.0
115 64.2 50.0 75.0



#2
1,4-Dioxane
Concen: 0.396 ng
RT: 3.076 min Scan# 27
Delta R.T. -0.006 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

Tgt Ion: 88 Resp: 2339
Ion Ratio Lower Upper
88 100
43 82.1 25.8 38.8#
58 92.3 58.8 88.2#

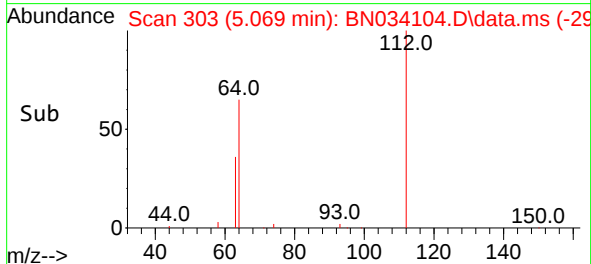
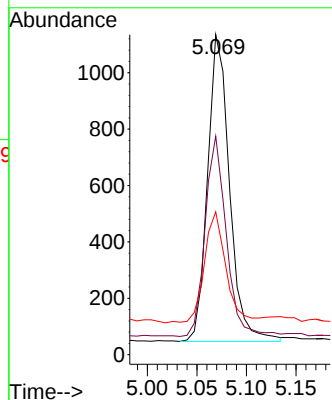
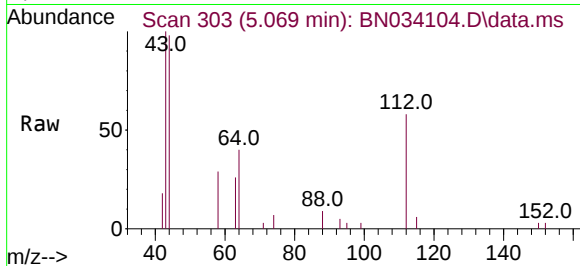




#4
2-Fluorophenol
Concen: 0.125 ng
RT: 5.069 min Scan# 30
Delta R.T. -0.006 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

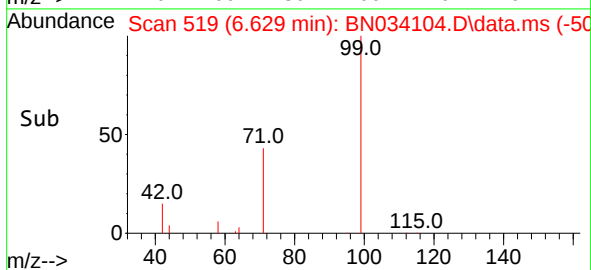
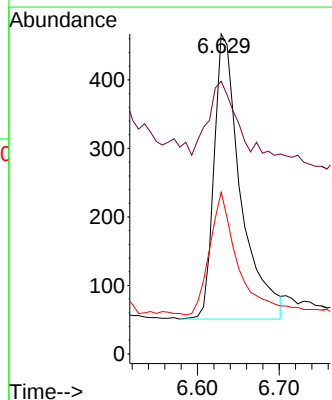
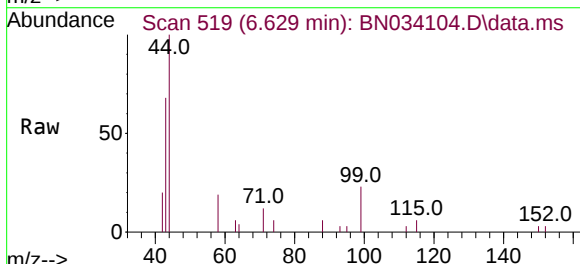
Instrument :
BNA_N
ClientSampleId :
RE103D2-20240912

Tgt Ion:112 Resp: 1672
Ion Ratio Lower Upper
112 100
64 63.1 48.6 72.8
63 35.7 25.6 38.4



#5
Phenol-d6
Concen: 0.061 ng
RT: 6.629 min Scan# 519
Delta R.T. -0.006 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

Tgt Ion: 99 Resp: 947
Ion Ratio Lower Upper
99 100
42 26.2 17.8 26.8
71 44.7 26.2 39.2#

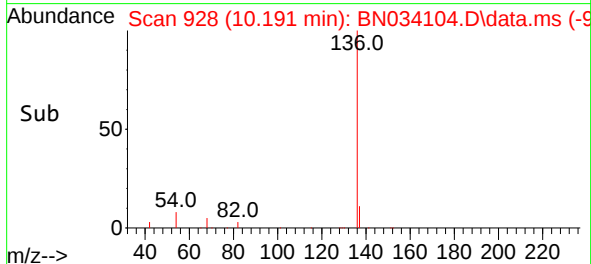
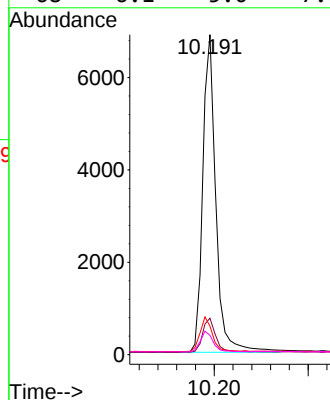
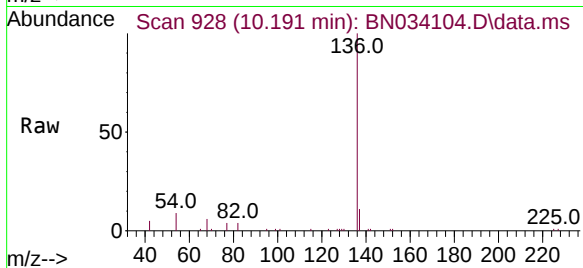




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.191 min Scan# 915
Delta R.T. -0.006 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

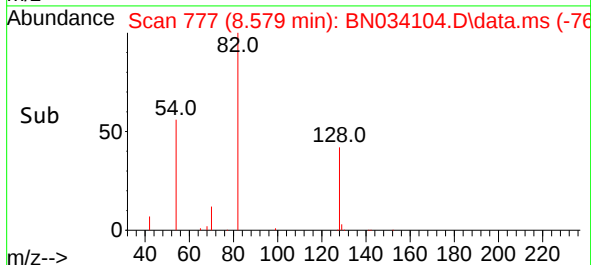
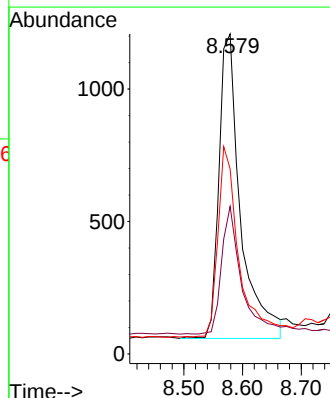
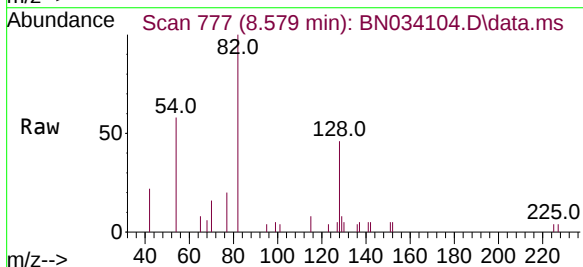
Instrument :
BNA_N
ClientSampleId :
RE103D2-20240912

Tgt Ion:	136	Resp:	13261
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.6
54	8.9	6.8	10.2
68	6.1	5.0	7.6



#8
Nitrobenzene-d5
Concen: 0.289 ng
RT: 8.579 min Scan# 777
Delta R.T. 0.005 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

Tgt Ion:	82	Resp:	2933
Ion Ratio	Lower	Upper	
82	100		
128	46.1	31.4	47.2
54	57.9	47.4	71.0





#11

2-Methylnaphthalene-d10

Concen: 0.320 ng

RT: 11.788 min Scan# 1113

Delta R.T. -0.006 min

Lab File: BN034104.D

Acq: 21 Sep 2024 02:04

Instrument :

BNA_N

ClientSampleId :

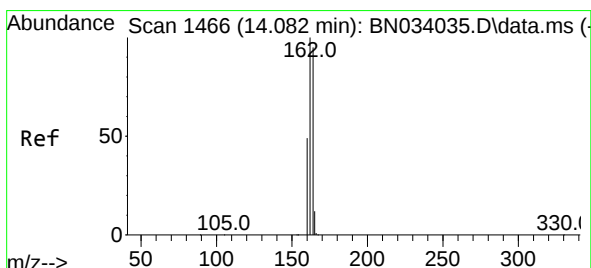
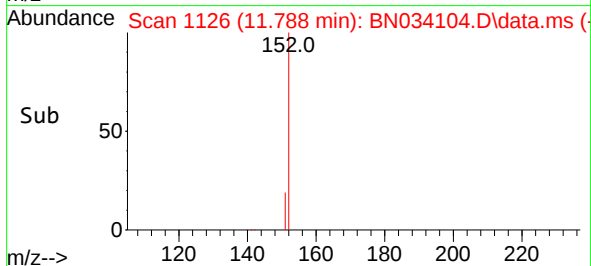
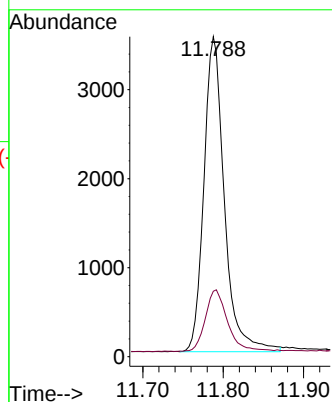
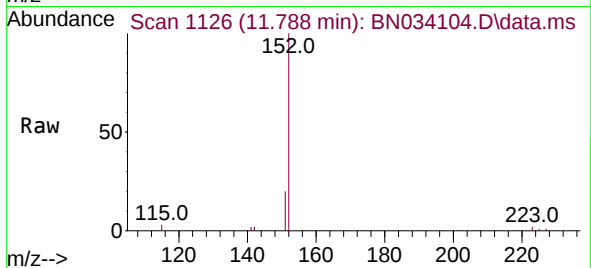
RE103D2-20240912

Tgt Ion:152 Resp: 6258

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.080 min Scan# 1480

Delta R.T. -0.002 min

Lab File: BN034104.D

Acq: 21 Sep 2024 02:04

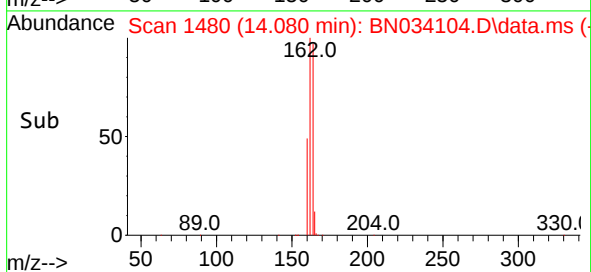
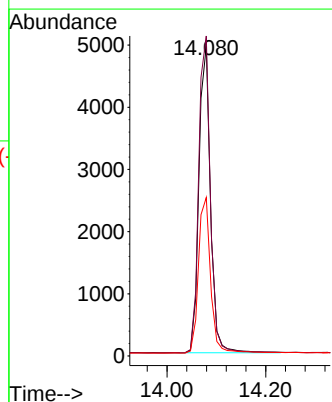
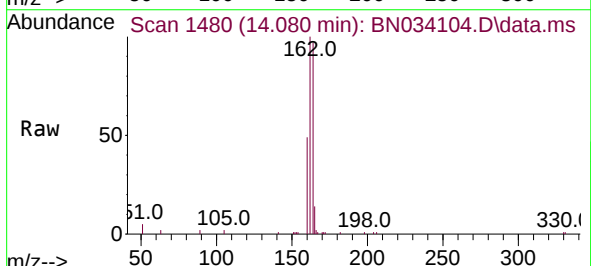
Tgt Ion:164 Resp: 8026

Ion Ratio Lower Upper

164 100

162 103.4 84.2 126.2

160 51.2 41.7 62.5

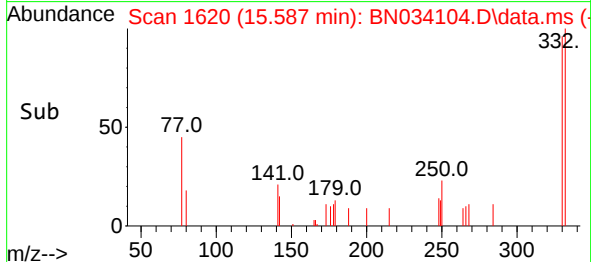
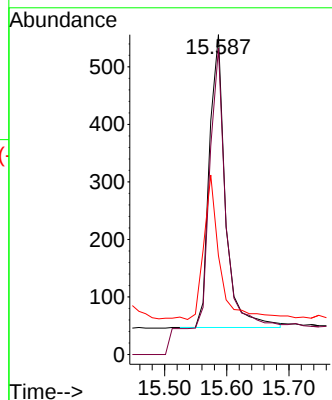
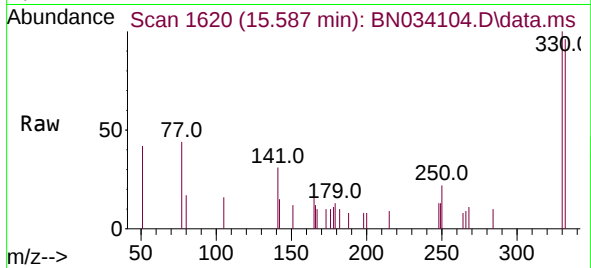




#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.587 min Scan# 1606
Delta R.T. -0.002 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

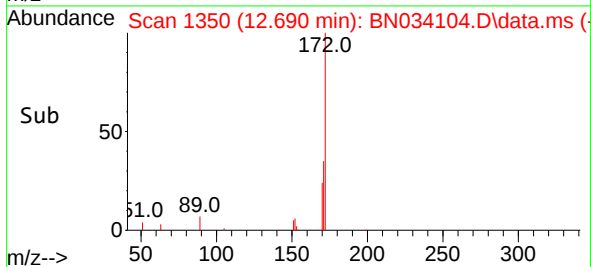
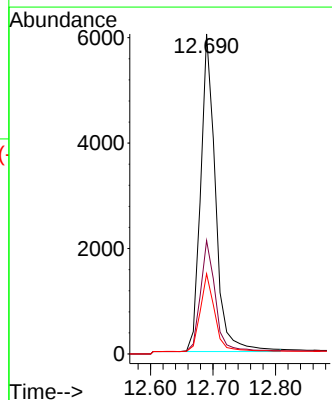
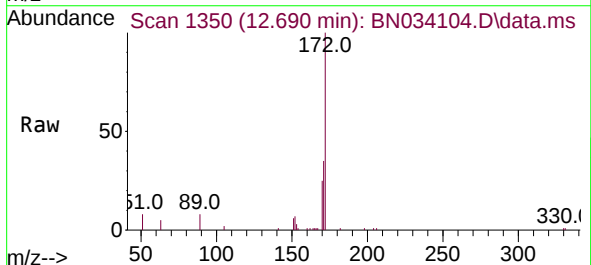
Instrument :
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ClientSampleId :
RE103D2-20240912

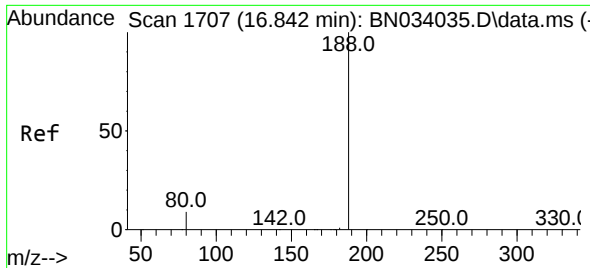
Tgt Ion: 330 Resp: 913
Ion Ratio Lower Upper
330 100
332 95.1 77.4 116.0
141 46.9 35.9 53.9



#15
2-Fluorobiphenyl
Concen: 0.305 ng
RT: 12.690 min Scan# 1350
Delta R.T. -0.013 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

Tgt Ion: 172 Resp: 9944
Ion Ratio Lower Upper
172 100
171 35.4 27.3 40.9
170 25.1 18.1 27.1

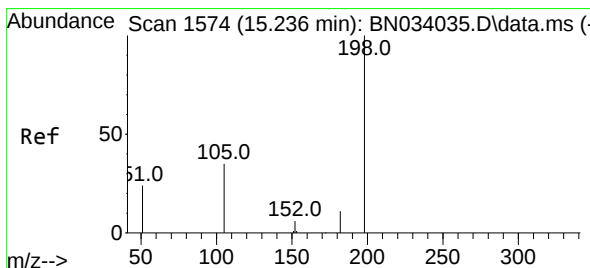
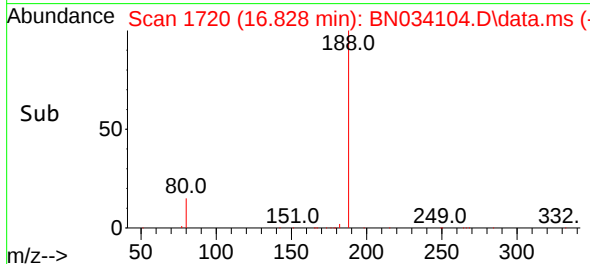
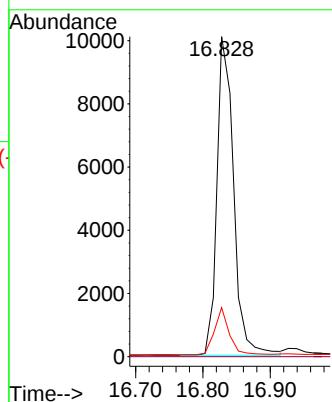
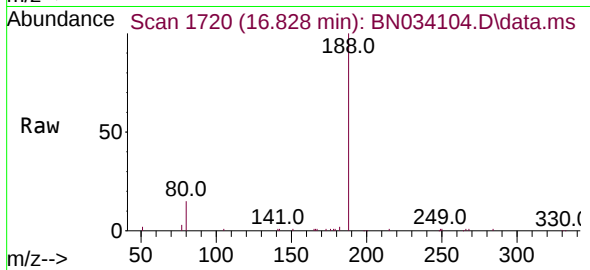




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.828 min Scan# 17306
Delta R.T. -0.015 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

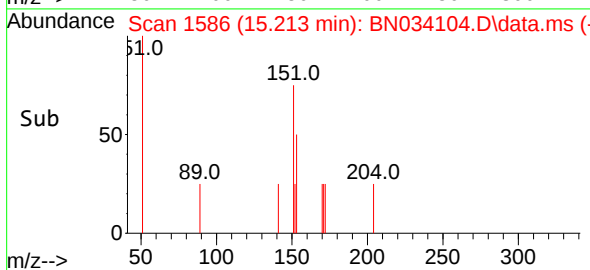
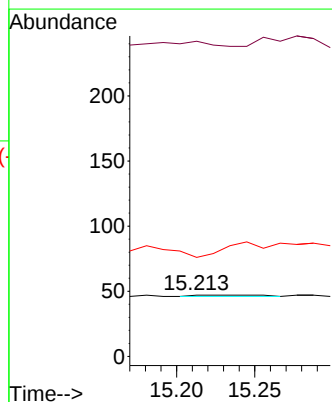
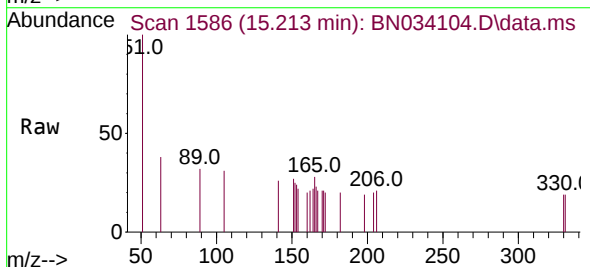
Instrument :
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ClientSampleId :
RE103D2-20240912

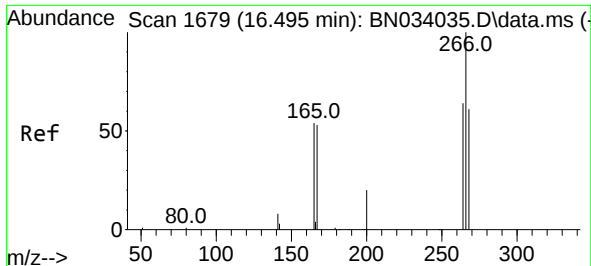
Tgt Ion:188 Resp: 17306
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 15.4 7.4 11.0#



#20
4,6-Dinitro-2-methylphenol
Concen: 0.139 ng
RT: 15.213 min Scan# 1586
Delta R.T. -0.023 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 514.9 106.4 159.6#
105 161.7 38.5 57.7#

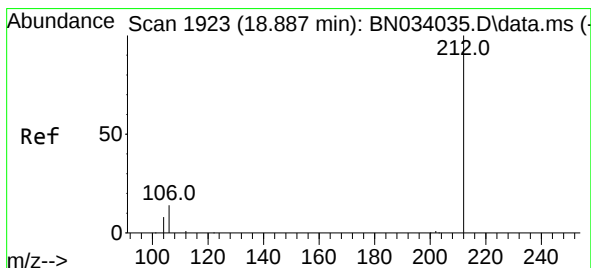
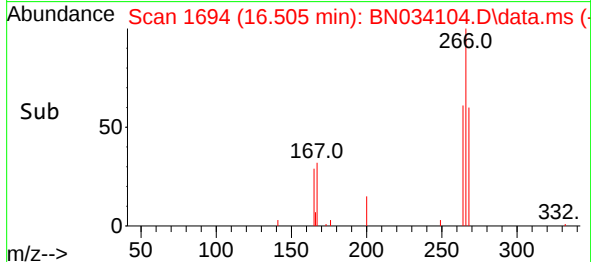
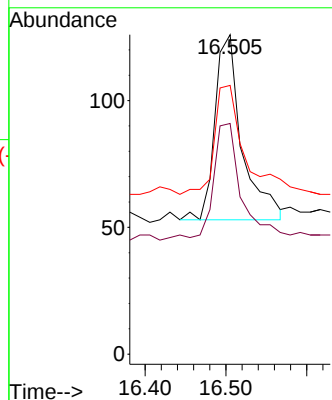
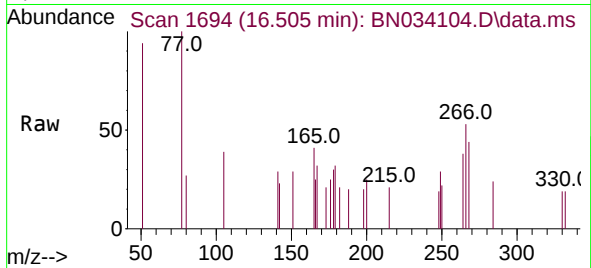




#24
Pentachlorophenol
Concen: 0.047 ng
RT: 16.505 min Scan# 1694
Delta R.T. 0.010 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

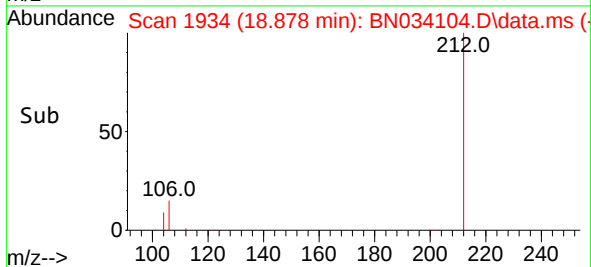
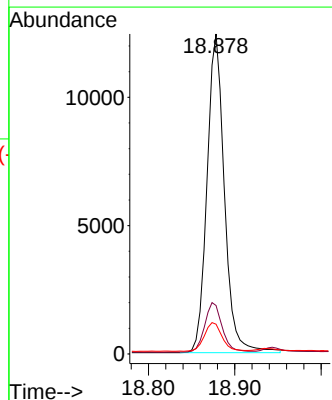
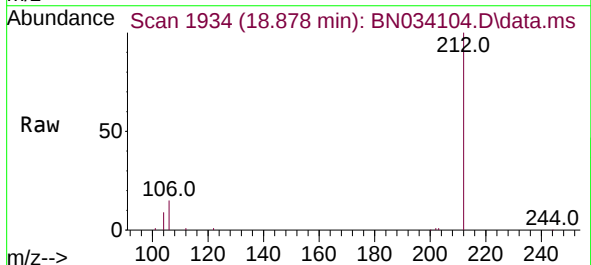
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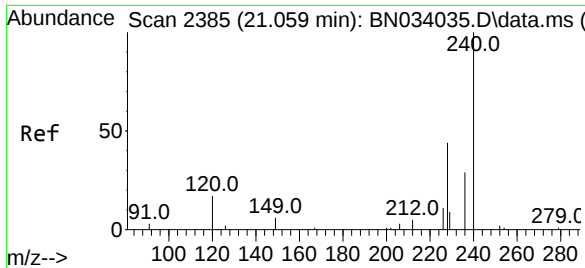
Tgt Ion:266 Resp: 170
Ion Ratio Lower Upper
266 100
264 67.1 50.2 75.2
268 64.7 51.0 76.4



#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 18.878 min Scan# 1934
Delta R.T. -0.008 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

Tgt Ion:212 Resp: 17423
Ion Ratio Lower Upper
212 100
106 15.7 13.4 20.2
104 9.0 7.8 11.6





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.051 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN034104.D

Acq: 21 Sep 2024 02:04

Instrument :

BNA_N

ClientSampleId :

RE103D2-20240912

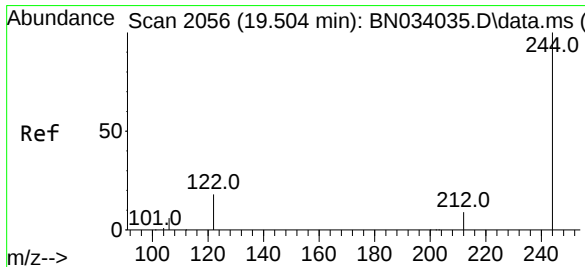
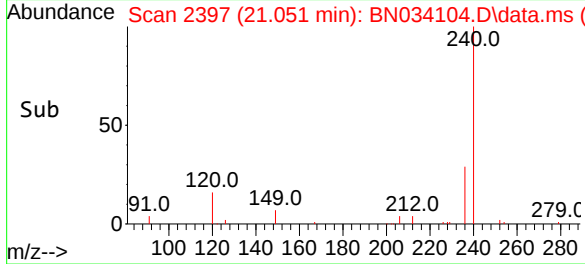
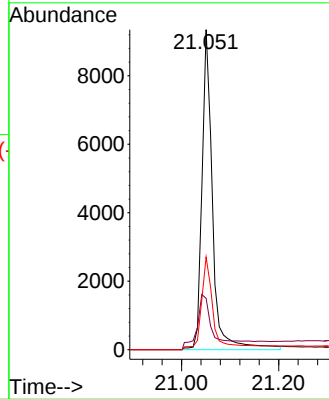
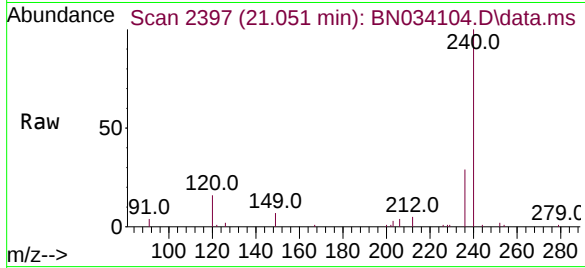
Tgt Ion:240 Resp: 13481

Ion Ratio Lower Upper

240 100

120 16.1 13.5 20.3

236 29.0 23.4 35.0



#31

Terphenyl-d14

Concen: 0.425 ng

RT: 19.496 min Scan# 2067

Delta R.T. -0.008 min

Lab File: BN034104.D

Acq: 21 Sep 2024 02:04

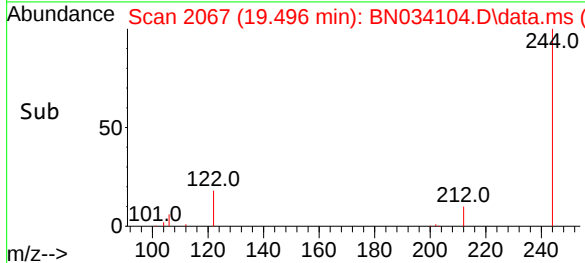
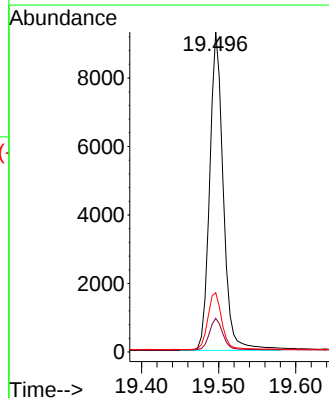
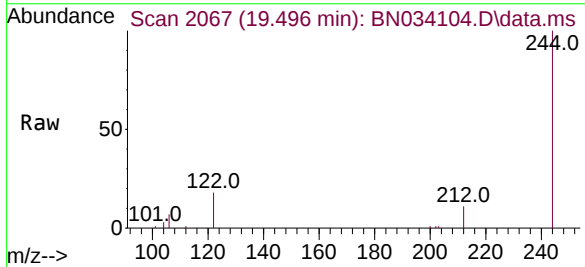
Tgt Ion:244 Resp: 11438

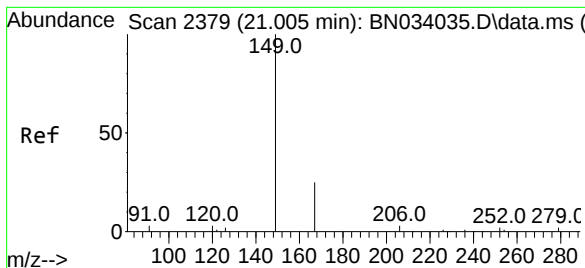
Ion Ratio Lower Upper

244 100

212 10.5 7.8 11.6

122 18.5 14.8 22.2

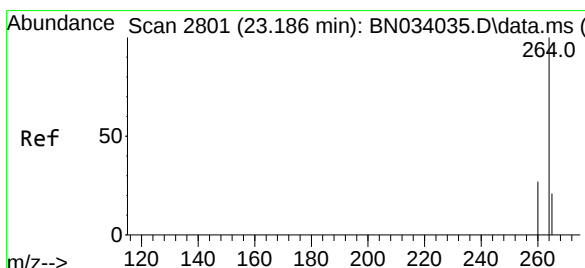
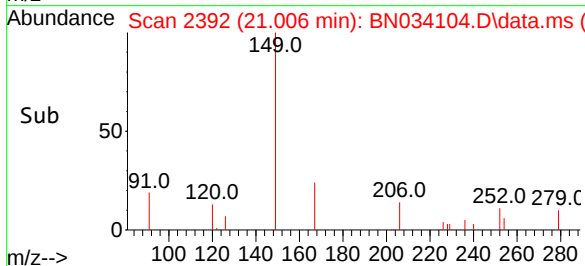
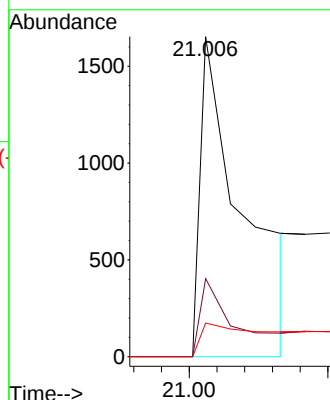
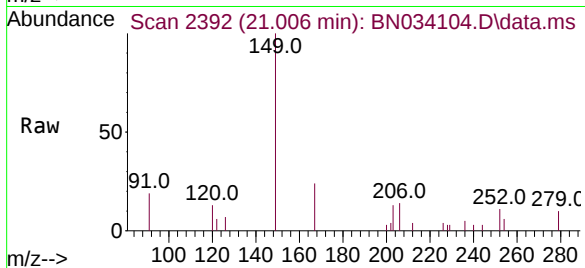




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.092 ng
RT: 21.006 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

Instrument :
BNA_N
ClientSampleId :
RE103D2-20240912

Tgt Ion:149 Resp: 1626
Ion Ratio Lower Upper
149 100
167 21.5 19.9 29.9
279 15.3 4.6 6.8#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.175 min Scan# 2812
Delta R.T. -0.011 min
Lab File: BN034104.D
Acq: 21 Sep 2024 02:04

Tgt Ion:264 Resp: 11270
Ion Ratio Lower Upper
264 100
260 26.6 21.7 32.5
265 69.6 52.1 78.1

