

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
 Data File : BN024344.D
 Acq On : 17 Mar 2023 13:50
 Operator : CG/JU
 Sample : 01843-04DL 2X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20230306DL

Quant Time: Mar 17 22:42:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 17 04:37:08 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

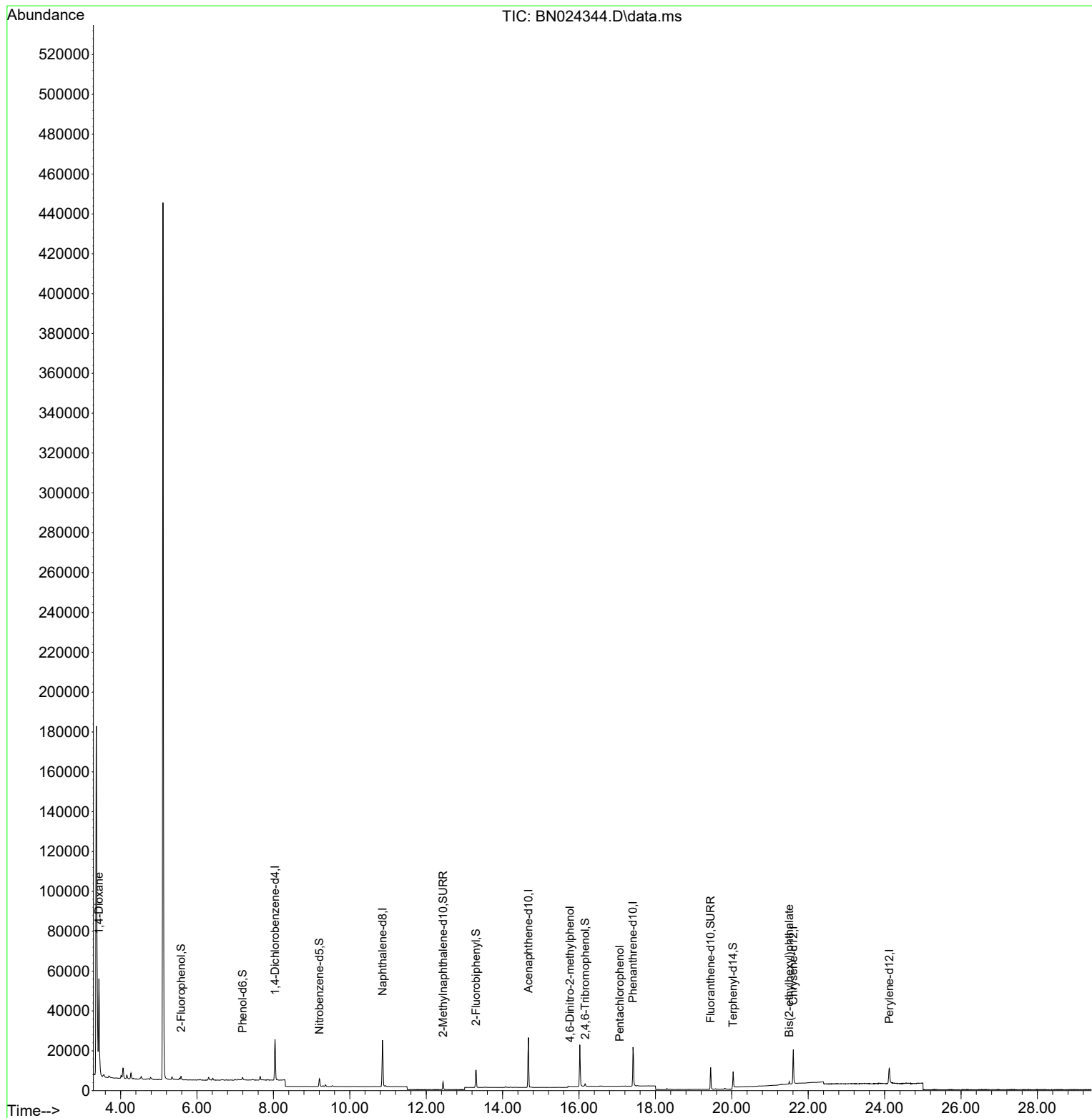
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	9639	0.400	ng	0.00
7) Naphthalene-d8	10.855	136	28928	0.400	ng	# 0.00
13) Acenaphthene-d10	14.675	164	13416	0.400	ng	0.00
19) Phenanthrene-d10	17.413	188	26623	0.400	ng	# 0.00
29) Chrysene-d12	21.610	240	16294	0.400	ng	0.00
35) Perylene-d12	24.123	264	11857	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.584	112	1428	0.067	ng	0.00
5) Phenol-d6	7.195	99	1109	0.040	ng	0.00
8) Nitrobenzene-d5	9.200	82	3435	0.178	ng	0.00
11) 2-Methylnaphthalene-d10	12.440	152	5278	0.148	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	658	0.096	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	8119	0.160	ng	0.00
27) Fluoranthene-d10	19.446	212	11066	0.196	ng	0.00
31) Terphenyl-d14	20.033	244	5848	0.213	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.432	88	29346	2.798	ng	Qvalue 96
20) 4,6-Dinitro-2-methylph...	15.762	198	3	0.179	ng	# 1
24) Pentachlorophenol	17.065	266	35	0.131	ng	# 45
34) Bis(2-ethylhexyl)phtha...	21.502	149	1346	0.053	ng	94

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

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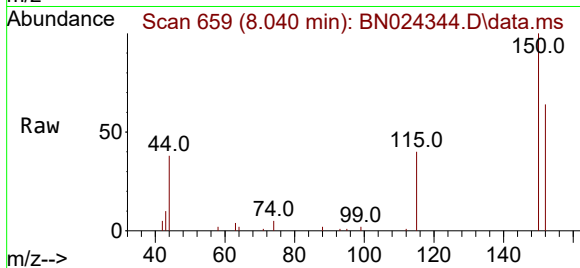
Quant Time: Mar 17 22:42:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



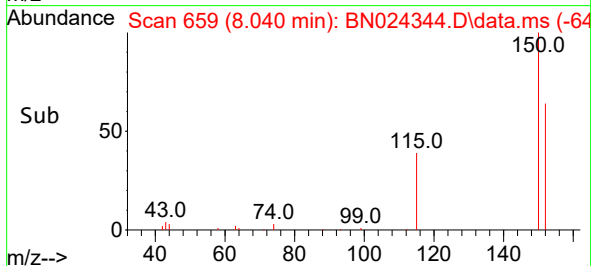
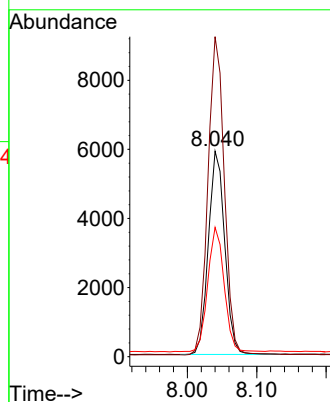


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.040 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: BN024344.D
 Acq: 17 Mar 2023 13:50

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20230306DL

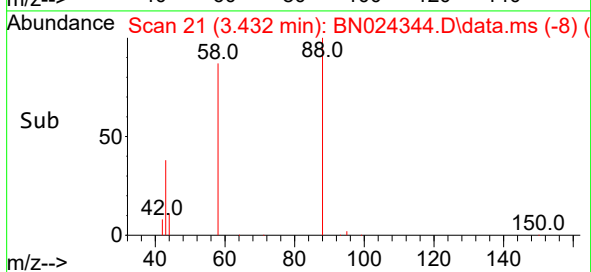
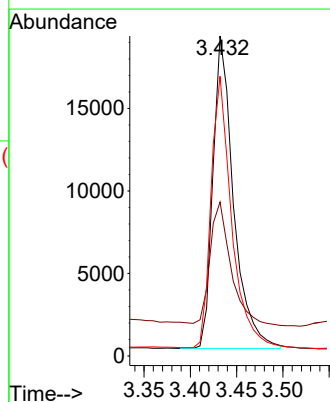
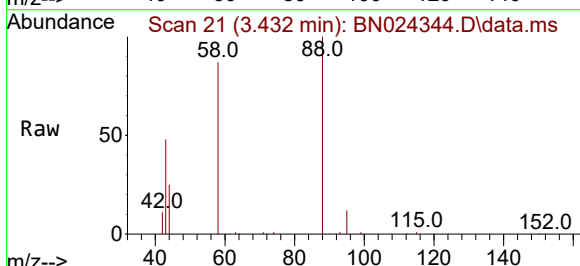


Tgt Ion:152 Resp: 9639
 Ion Ratio Lower Upper
 152 100
 150 155.8 124.7 187.1
 115 63.0 49.1 73.7



#2
 1,4-Dioxane
 Concen: 2.798 ng
 RT: 3.432 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BN024344.D
 Acq: 17 Mar 2023 13:50

Tgt Ion: 88 Resp: 29346
 Ion Ratio Lower Upper
 88 100
 43 40.0 29.0 43.4
 58 86.2 67.3 100.9





#4

2-Fluorophenol

Concen: 0.067 ng

RT: 5.584 min Scan# 319

Delta R.T. 0.007 min

Lab File: BN024344.D

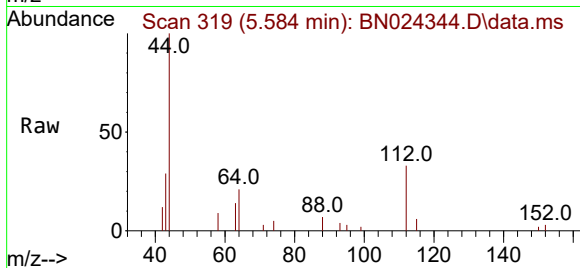
Acq: 17 Mar 2023 13:50

Instrument :

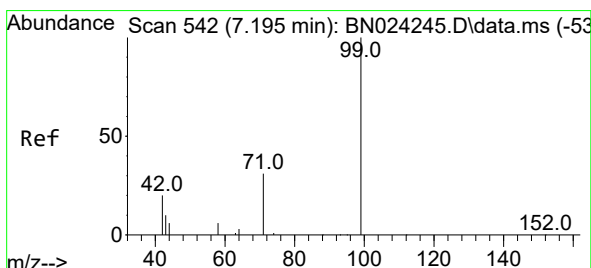
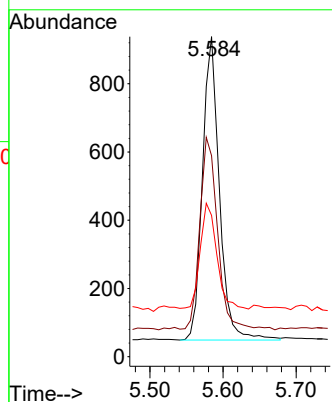
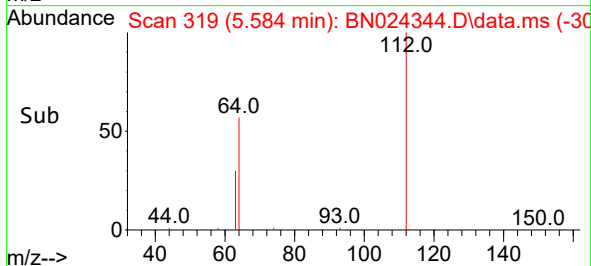
BNA_N

ClientSampleId :

RE132D4-20230306DL



Tgt Ion:	112	Resp:	1428
Ion Ratio	Lower	Upper	
112	100		
64	67.2	49.0	73.6
63	34.7	25.7	38.5



#5

Phenol-d6

Concen: 0.040 ng

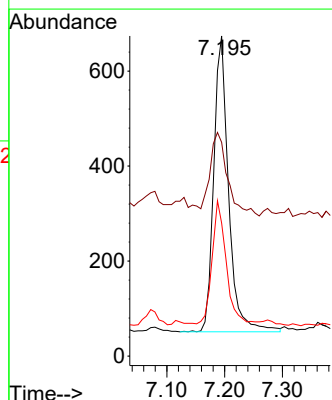
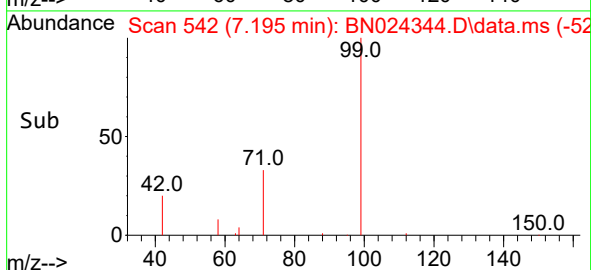
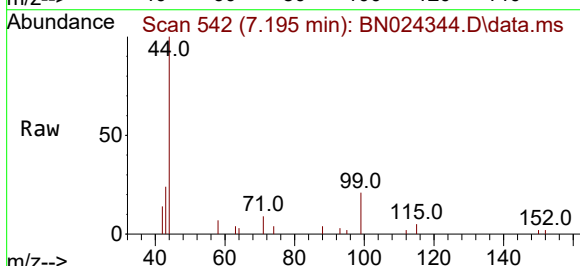
RT: 7.195 min Scan# 542

Delta R.T. 0.007 min

Lab File: BN024344.D

Acq: 17 Mar 2023 13:50

Tgt Ion:	99	Resp:	1109
Ion Ratio	Lower	Upper	
99	100		
42	33.5	20.1	30.1#
71	40.4	25.8	38.8#

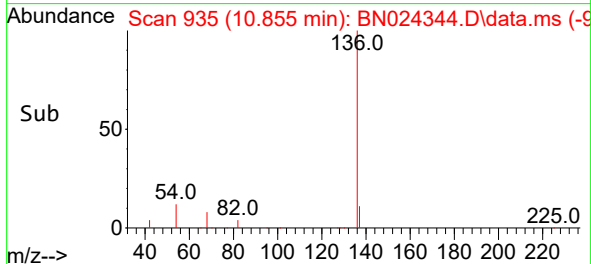
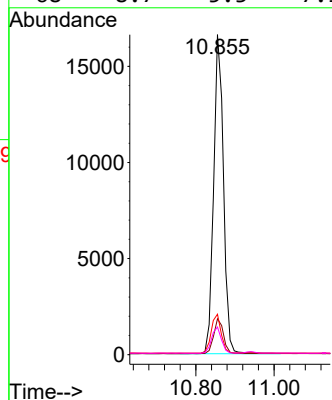
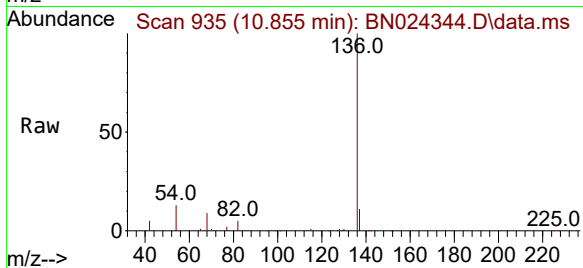




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.855 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN024344.D
Acq: 17 Mar 2023 13:50

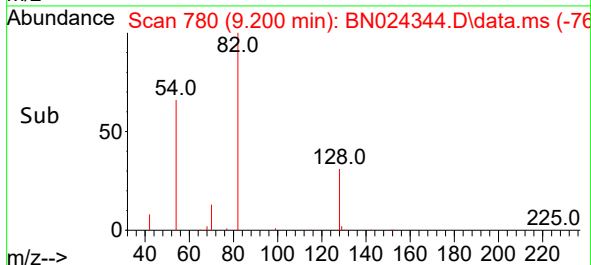
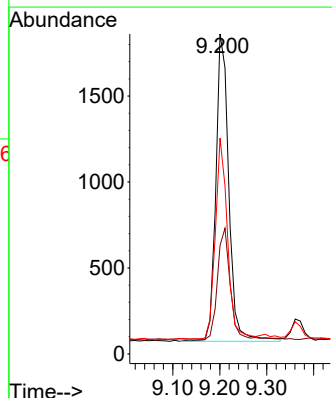
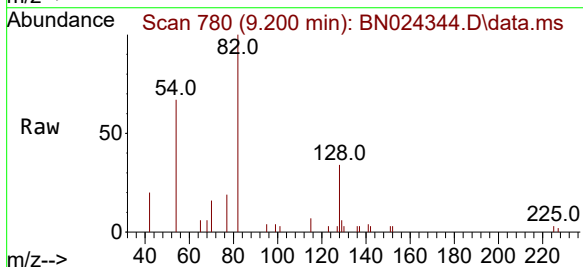
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230306DL

Tgt Ion:	136	Resp:	28928
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	12.7	7.1	10.7#
68	8.7	5.3	7.9#



#8
Nitrobenzene-d5
Concen: 0.178 ng
RT: 9.200 min Scan# 780
Delta R.T. -0.000 min
Lab File: BN024344.D
Acq: 17 Mar 2023 13:50

Tgt Ion:	82	Resp:	3435
Ion Ratio	Lower	Upper	
82	100		
128	33.9	32.4	48.6
54	67.4	45.2	67.8

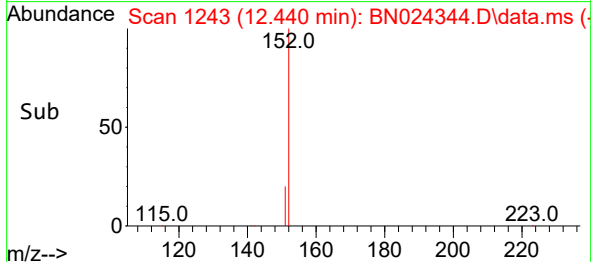
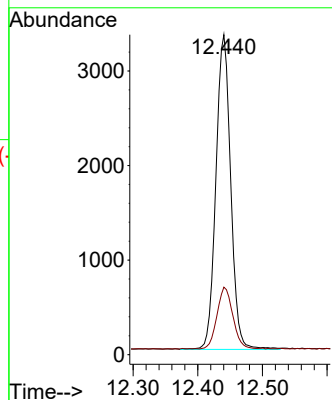
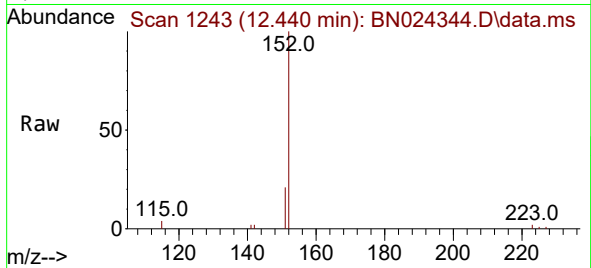




#11
2-Methylnaphthalene-d10
Concen: 0.148 ng
RT: 12.440 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN024344.D
Acq: 17 Mar 2023 13:50

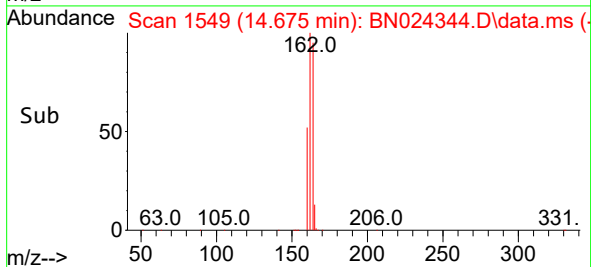
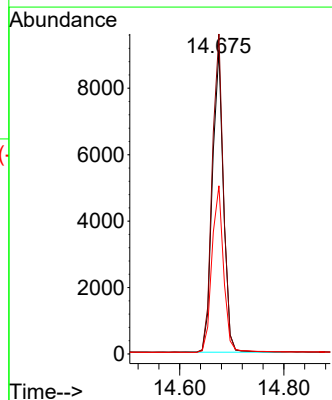
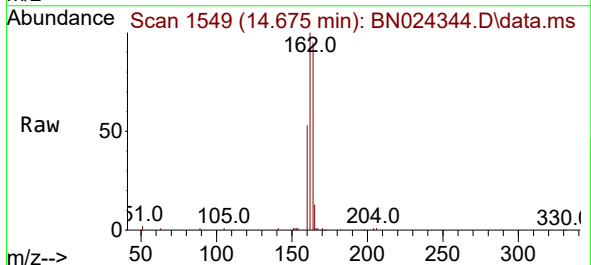
Instrument :
BNA_N
ClientSampleId :
RE132D4-20230306DL

Tgt Ion:152 Resp: 5278
Ion Ratio Lower Upper
152 100
151 21.0 16.8 25.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.675 min Scan# 1549
Delta R.T. -0.000 min
Lab File: BN024344.D
Acq: 17 Mar 2023 13:50

Tgt Ion:164 Resp: 13416
Ion Ratio Lower Upper
164 100
162 105.5 84.7 127.1
160 55.4 44.6 66.8

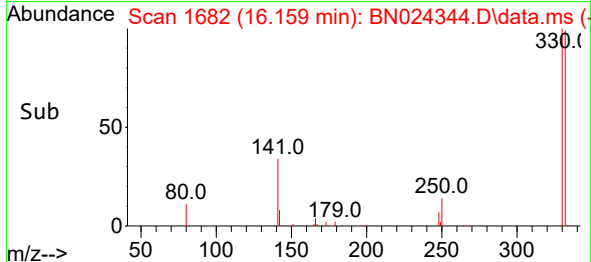
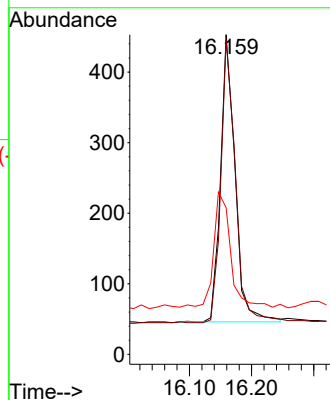
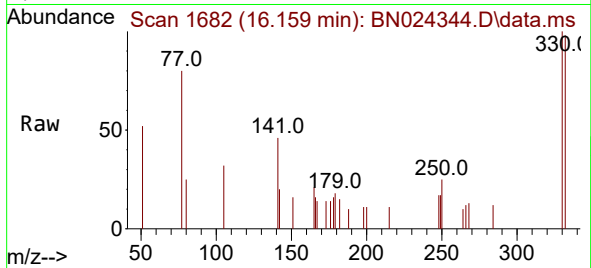




#14
2,4,6-Tribromophenol
Concen: 0.096 ng
RT: 16.159 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BN024344.D
Acq: 17 Mar 2023 13:50

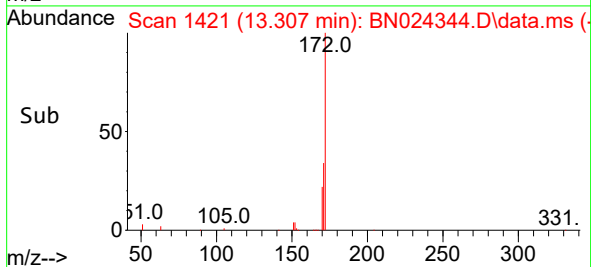
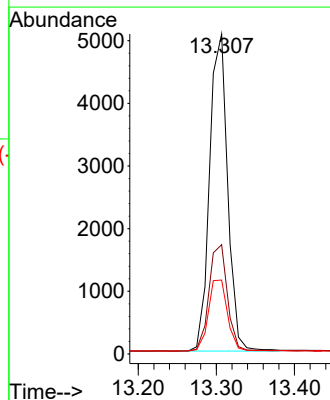
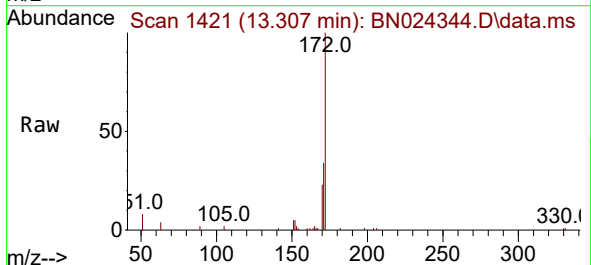
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BNA_N
ClientSampleId :
RE132D4-20230306DL

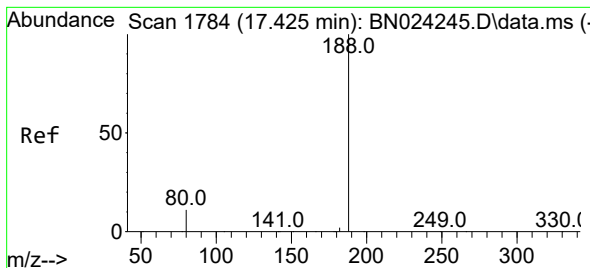
Tgt Ion: 330 Resp: 658
Ion Ratio Lower Upper
330 100
332 99.1 78.0 117.0
141 47.9 30.8 46.2#



#15
2-Fluorobiphenyl
Concen: 0.160 ng
RT: 13.307 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BN024344.D
Acq: 17 Mar 2023 13:50

Tgt Ion: 172 Resp: 8119
Ion Ratio Lower Upper
172 100
171 34.2 27.8 41.8
170 23.1 19.0 28.6





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.413 min Scan# 1

Delta R.T. -0.000 min

Lab File: BN024344.D

Acq: 17 Mar 2023 13:50

Instrument :

BNA_N

ClientSampleId :

RE132D4-20230306DL

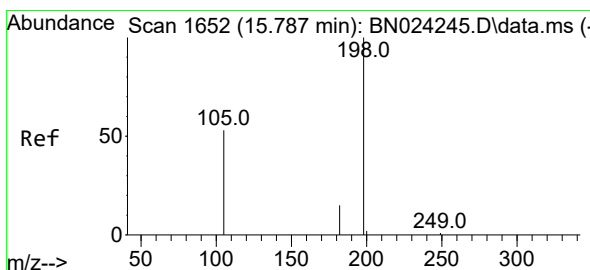
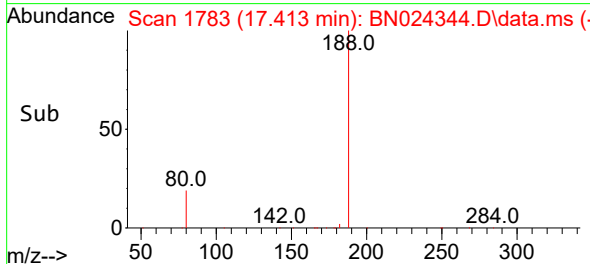
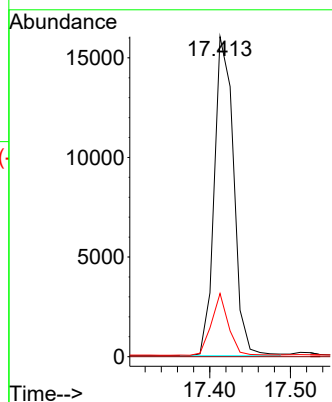
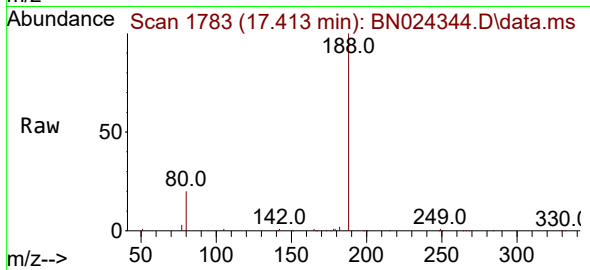
Tgt Ion:188 Resp: 26623

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 19.7 8.9 13.3#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.179 ng

RT: 15.762 min Scan# 1650

Delta R.T. -0.025 min

Lab File: BN024344.D

Acq: 17 Mar 2023 13:50

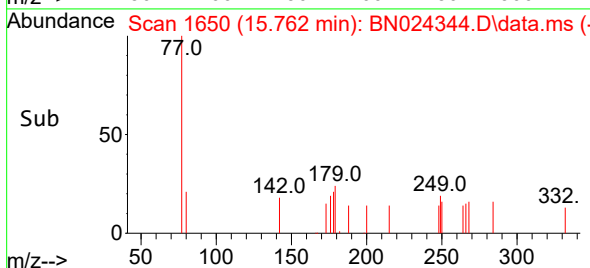
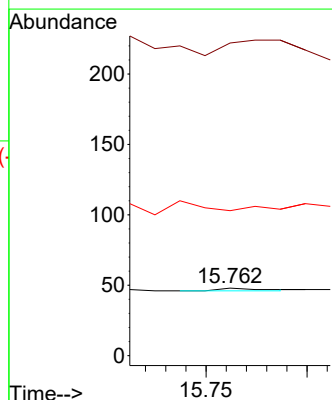
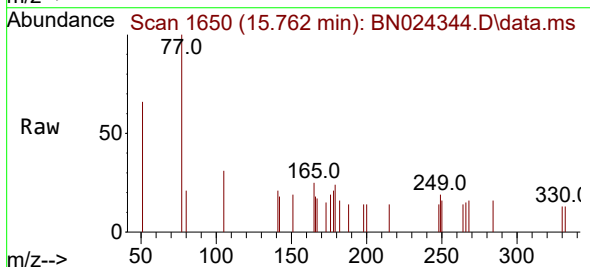
Tgt Ion:198 Resp: 3

Ion Ratio Lower Upper

198 100

51 462.5 68.2 102.2#

105 214.6 51.6 77.4#





#24

Pentachlorophenol

Concen: 0.131 ng

RT: 17.065 min Scan# 1755

Delta R.T. -0.000 min

Lab File: BN024344.D

Acq: 17 Mar 2023 13:50

Instrument :

BNA_N

ClientSampleId :

RE132D4-20230306DL

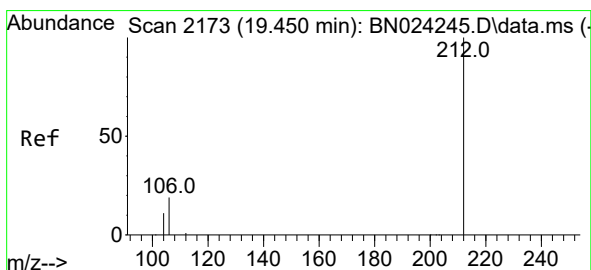
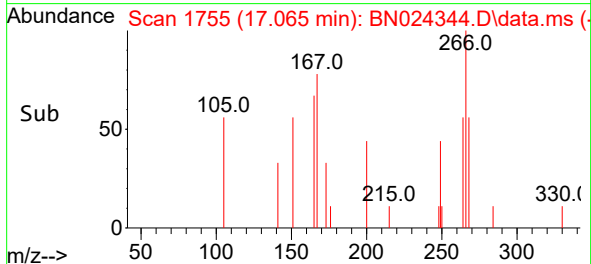
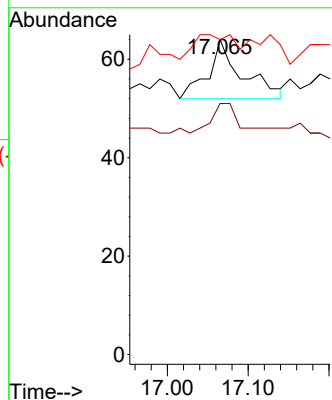
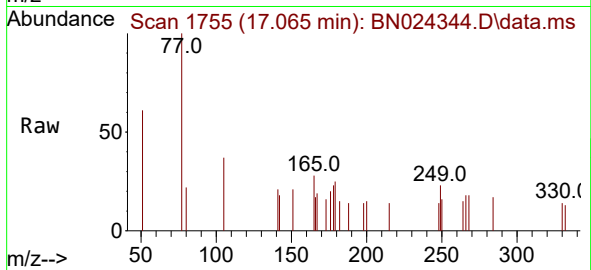
Tgt Ion:266 Resp: 35

Ion Ratio Lower Upper

266 100

264 42.9 51.1 76.7#

268 0.0 52.2 78.4#



#27

Fluoranthene-d10

Concen: 0.196 ng

RT: 19.446 min Scan# 2172

Delta R.T. -0.000 min

Lab File: BN024344.D

Acq: 17 Mar 2023 13:50

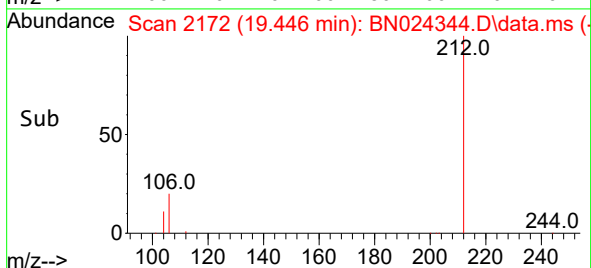
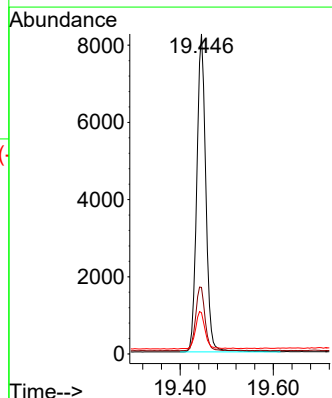
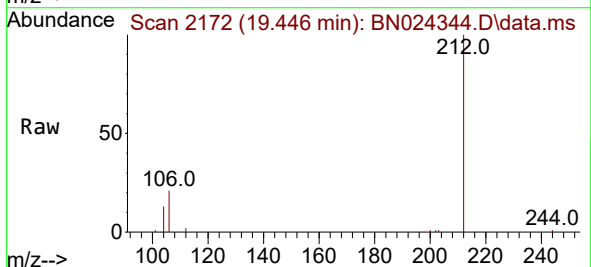
Tgt Ion:212 Resp: 11066

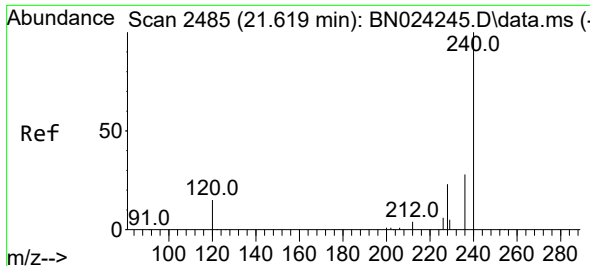
Ion Ratio Lower Upper

212 100

106 20.7 15.4 23.2

104 12.1 8.6 13.0

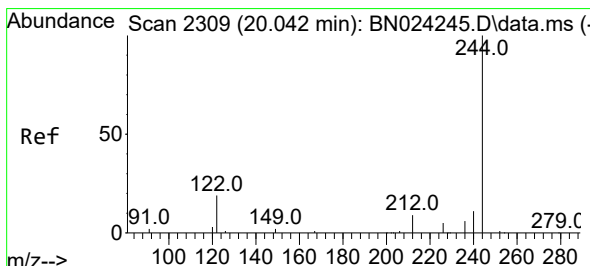
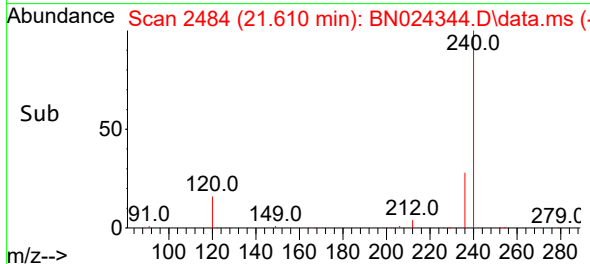
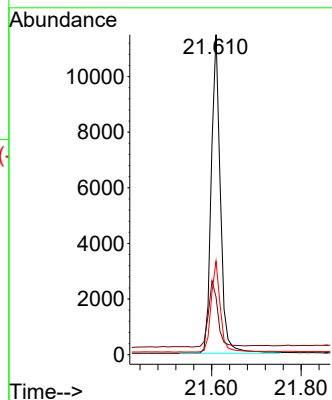
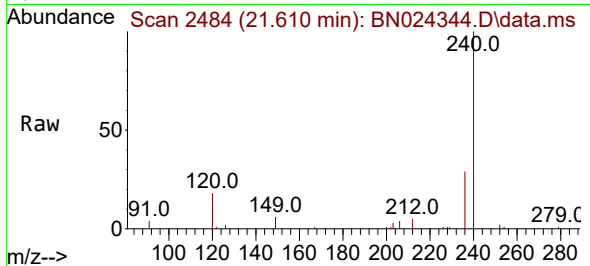




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.610 min Scan# 2484
Delta R.T. 0.009 min
Lab File: BN024344.D
Acq: 17 Mar 2023 13:50

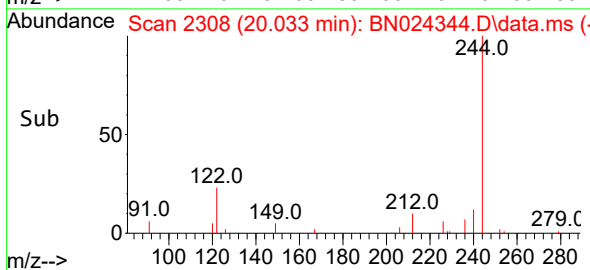
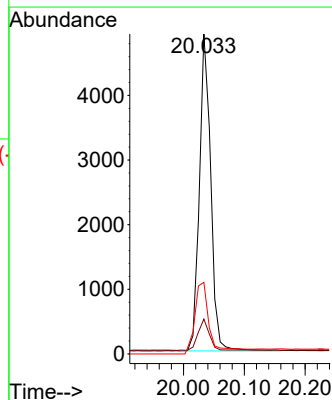
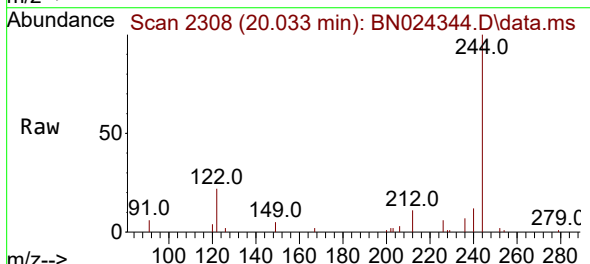
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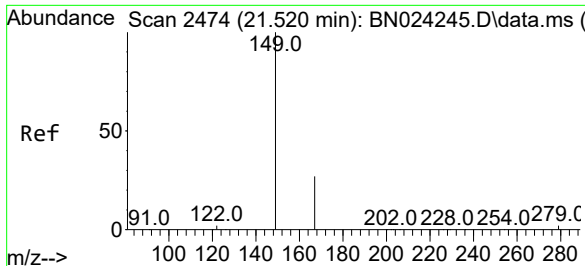
Tgt Ion:240 Resp: 16294
Ion Ratio Lower Upper
240 100
120 18.0 12.8 19.2
236 29.2 22.5 33.7



#31
Terphenyl-d14
Concen: 0.213 ng
RT: 20.033 min Scan# 2308
Delta R.T. -0.000 min
Lab File: BN024344.D
Acq: 17 Mar 2023 13:50

Tgt Ion:244 Resp: 5848
Ion Ratio Lower Upper
244 100
212 10.9 7.6 11.4
122 22.4 15.1 22.7

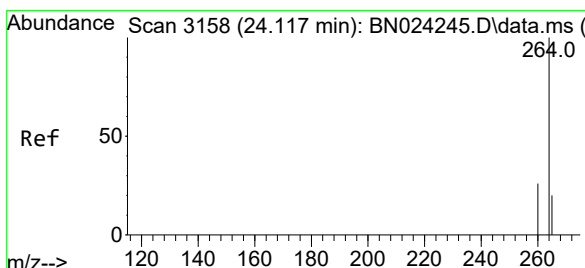
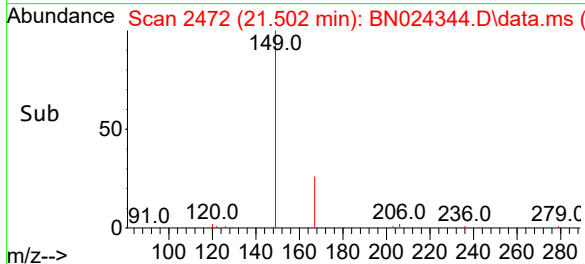
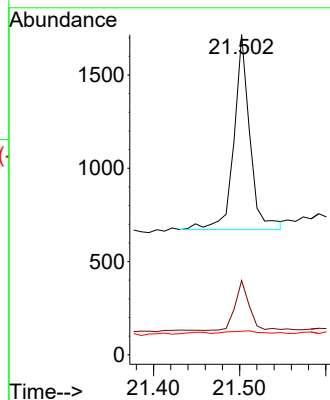
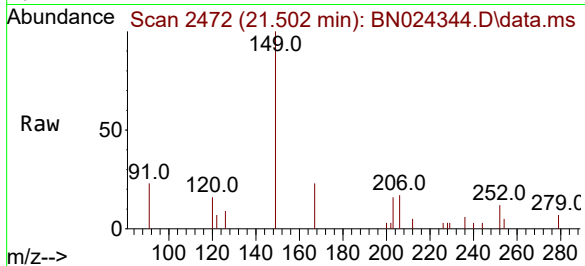




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.053 ng
 RT: 21.502 min Scan# 2474
 Delta R.T. -0.000 min
 Lab File: BN024344.D
 Acq: 17 Mar 2023 13:50

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20230306DL

Tgt Ion:149 Resp: 1346
 Ion Ratio Lower Upper
 149 100
 167 23.0 21.2 31.8
 279 2.5 1.8 2.8



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.123 min Scan# 3160
 Delta R.T. 0.009 min
 Lab File: BN024344.D
 Acq: 17 Mar 2023 13:50

Tgt Ion:264 Resp: 11857
 Ion Ratio Lower Upper
 264 100
 260 27.7 21.4 32.2
 265 61.6 35.7 53.5#

