

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
 Data File : BN029506.D
 Acq On : 05 Feb 2024 13:57
 Operator : MA/JU
 Sample : P1325-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BR-04DR-451-013124

Quant Time: Feb 05 14:24:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 01 01:51:59 2024
 Response via : Initial Calibration

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

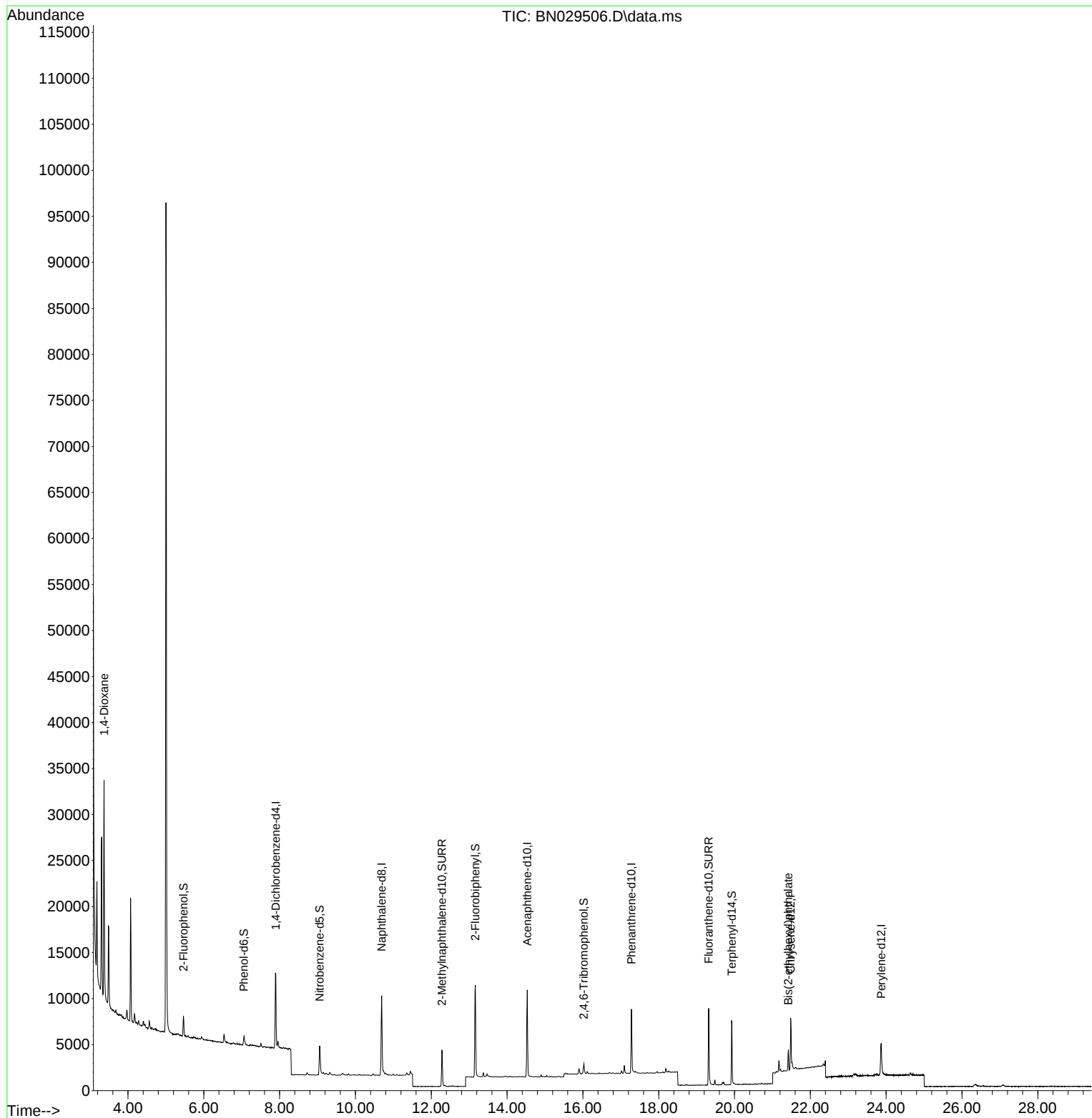
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	4323	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	11760	0.400	ng	0.00
13) Acenaphthene-d10	14.532	164	5191	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	9400	0.400	ng	0.00
29) Chrysene-d12	21.483	240	6017	0.400	ng	0.00
35) Perylene-d12	23.867	264	5652	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	1754	0.169	ng	0.00
5) Phenol-d6	7.060	99	1164	0.097	ng	0.00
8) Nitrobenzene-d5	9.056	82	3320	0.339	ng	0.00
11) 2-Methylnaphthalene-d10	12.283	152	5735	0.358	ng	0.00
14) 2,4,6-Tribromophenol	16.026	330	606	0.364	ng	0.00
15) 2-Fluorobiphenyl	13.164	172	9791	0.439	ng	0.00
27) Fluoranthene-d10	19.317	212	9290	0.408	ng	0.00
31) Terphenyl-d14	19.926	244	6838	0.458	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.369	88	14446	2.374	ng	Qvalue # 95
34) Bis(2-ethylhexyl)phtha...	21.420	149	2315	0.165	ng	# 98

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

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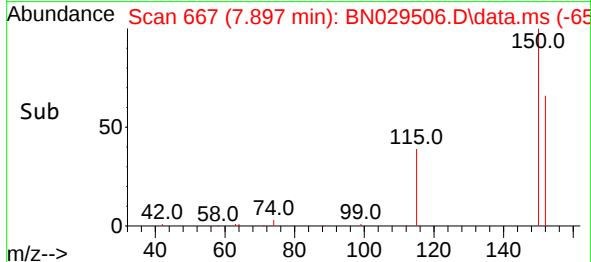
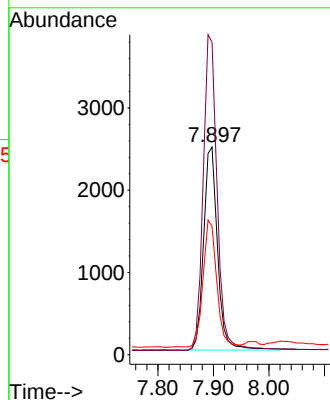
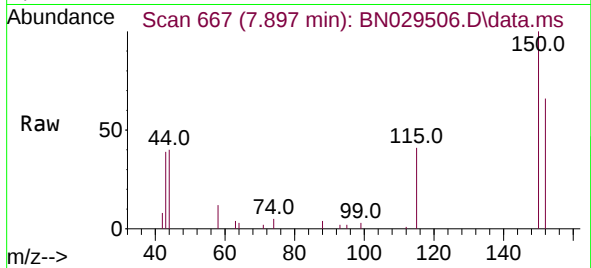




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.897 min Scan# 60
 Delta R.T. -0.001 min
 Lab File: BN029506.D
 Acq: 05 Feb 2024 13:57

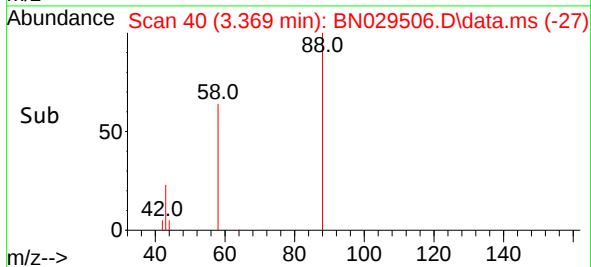
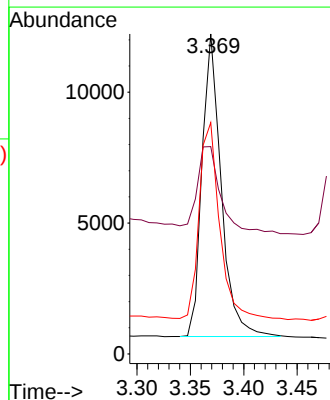
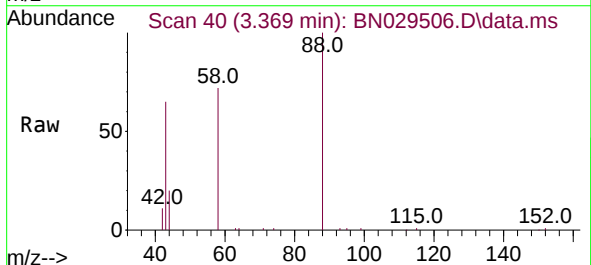
Instrument :
 BNA_N
 ClientSampleId :
 BR-04DR-451-013124

Tgt Ion:152 Resp: 4323
 Ion Ratio Lower Upper
 152 100
 150 150.6 123.0 184.4
 115 62.0 51.4 77.0



#2
 1,4-Dioxane
 Concen: 2.374 ng
 RT: 3.369 min Scan# 40
 Delta R.T. -0.008 min
 Lab File: BN029506.D
 Acq: 05 Feb 2024 13:57

Tgt Ion: 88 Resp: 14446
 Ion Ratio Lower Upper
 88 100
 43 35.7 23.3 34.9#
 58 68.4 53.8 80.6





#4

2-Fluorophenol

Concen: 0.169 ng

RT: 5.463 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN029506.D

Acq: 05 Feb 2024 13:57

Instrument :

BNA_N

ClientSampleId :

BR-04DR-451-013124

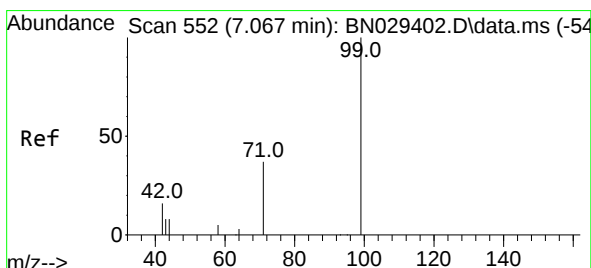
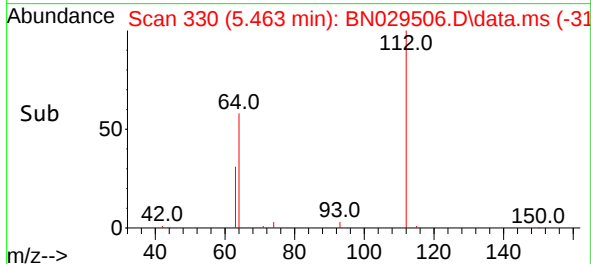
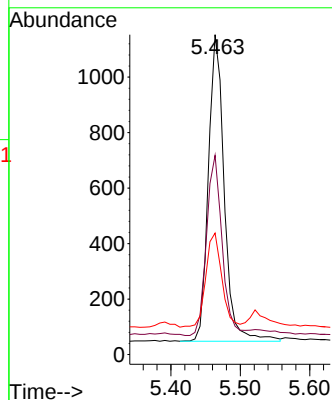
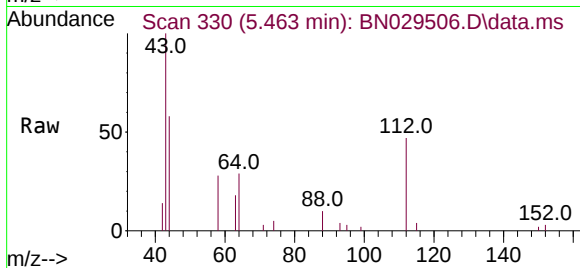
Tgt Ion:112 Resp: 1754

Ion Ratio Lower Upper

112 100

64 57.8 47.2 70.8

63 29.9 25.8 38.6



#5

Phenol-d6

Concen: 0.097 ng

RT: 7.060 min Scan# 551

Delta R.T. -0.000 min

Lab File: BN029506.D

Acq: 05 Feb 2024 13:57

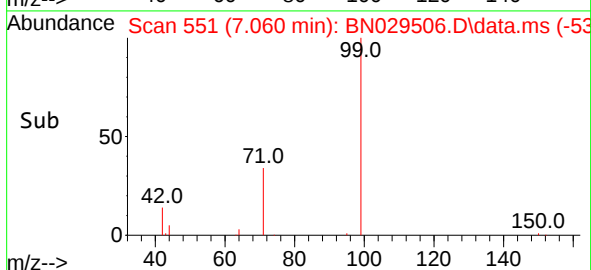
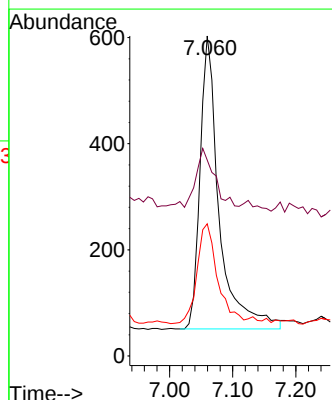
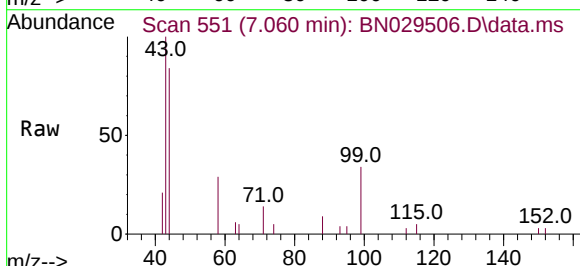
Tgt Ion: 99 Resp: 1164

Ion Ratio Lower Upper

99 100

42 20.4 16.9 25.3

71 36.8 30.0 45.0

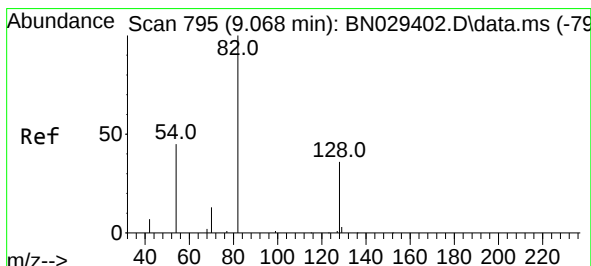
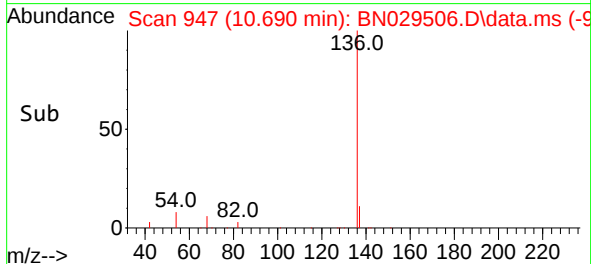
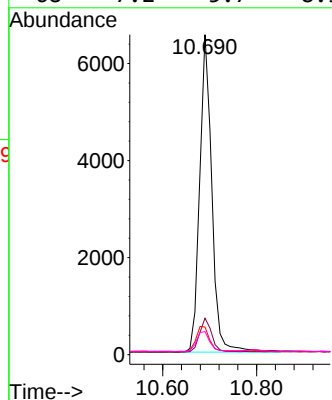
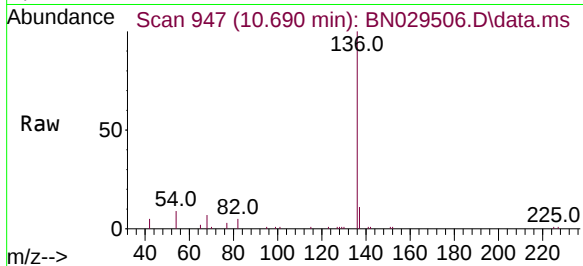




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.690 min Scan# 948
Delta R.T. -0.000 min
Lab File: BN029506.D
Acq: 05 Feb 2024 13:57

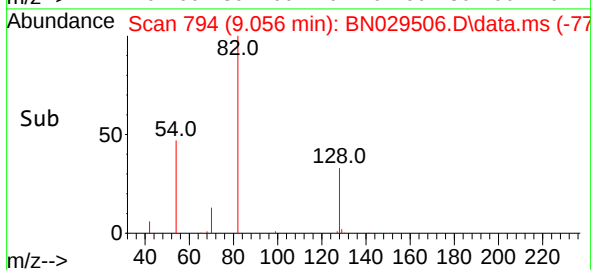
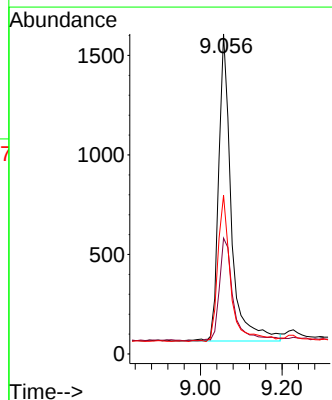
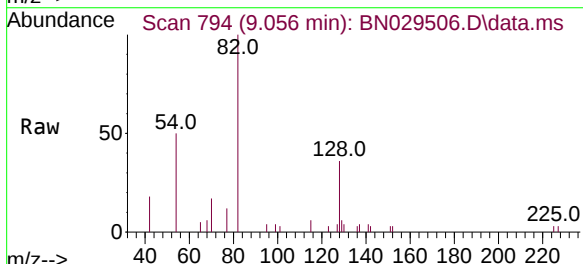
Instrument :
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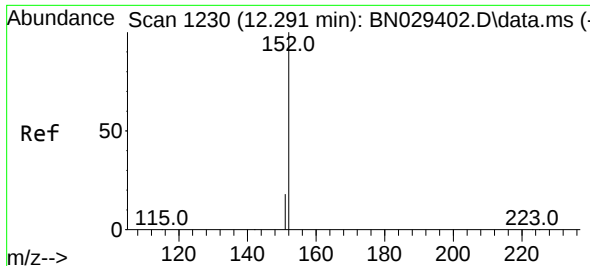
Tgt Ion:	136	Resp:	11760
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.7	14.5
54	8.6	6.6	10.0
68	7.2	5.7	8.5



#8
Nitrobenzene-d5
Concen: 0.339 ng
RT: 9.056 min Scan# 794
Delta R.T. -0.000 min
Lab File: BN029506.D
Acq: 05 Feb 2024 13:57

Tgt Ion:	82	Resp:	3320
Ion	Ratio	Lower	Upper
82	100		
128	36.2	31.6	47.4
54	49.6	38.2	57.4





#11

2-Methylnaphthalene-d10

Concen: 0.358 ng

RT: 12.283 min Scan# 11

Delta R.T. -0.004 min

Lab File: BN029506.D

Acq: 05 Feb 2024 13:57

Instrument :

BNA_N

ClientSampleId :

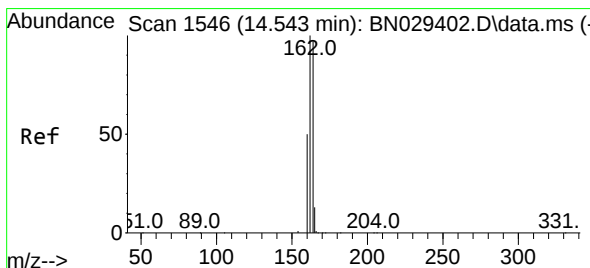
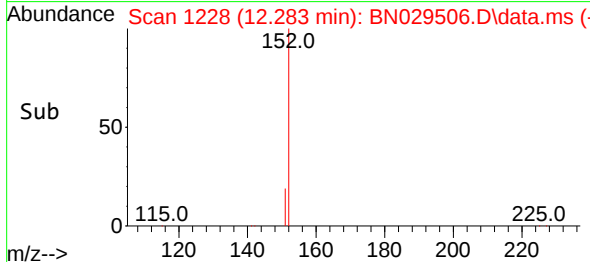
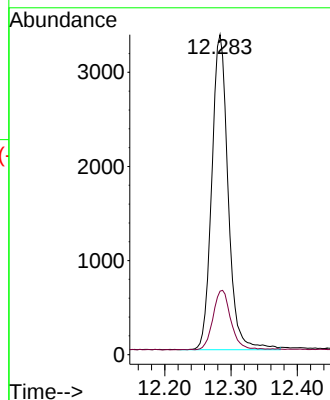
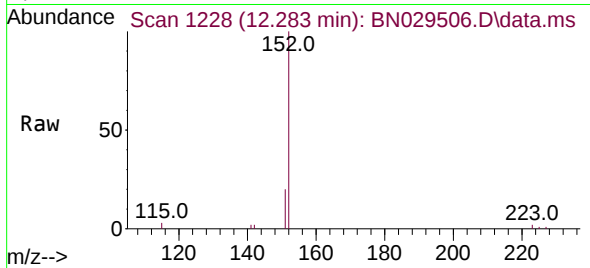
BR-04DR-451-013124

Tgt Ion:152 Resp: 5735

Ion Ratio Lower Upper

152 100

151 20.6 17.1 25.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.532 min Scan# 1545

Delta R.T. -0.000 min

Lab File: BN029506.D

Acq: 05 Feb 2024 13:57

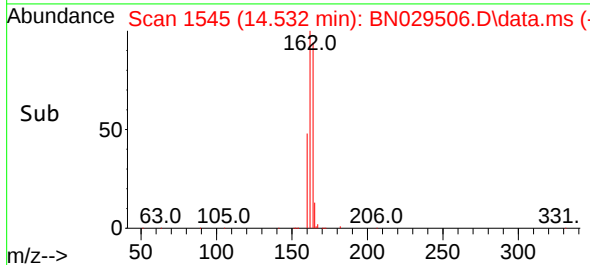
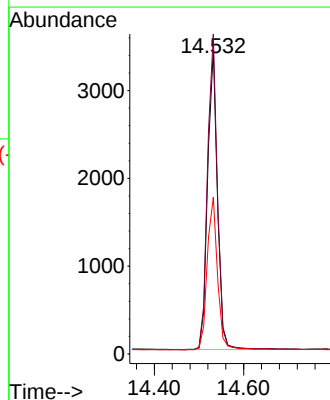
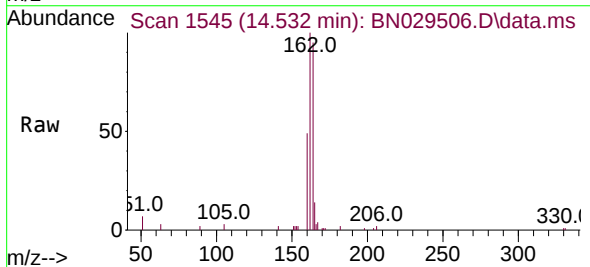
Tgt Ion:164 Resp: 5191

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

160 51.5 41.5 62.3

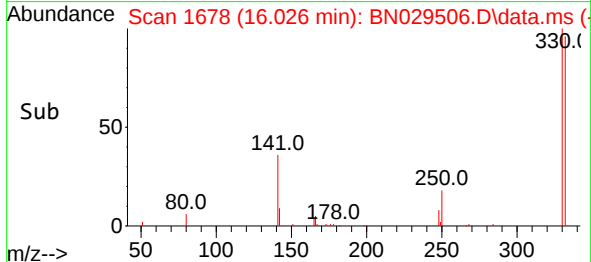
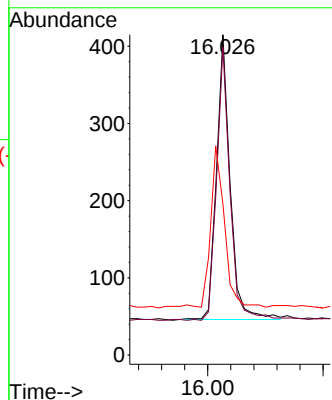
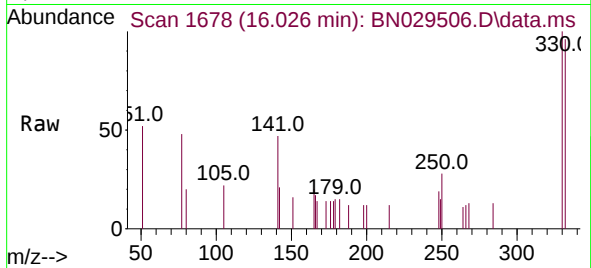




#14
2,4,6-Tribromophenol
Concen: 0.364 ng
RT: 16.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029506.D
Acq: 05 Feb 2024 13:57

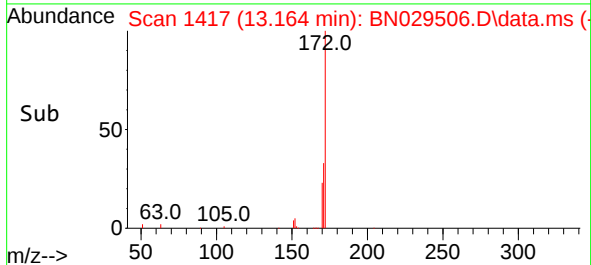
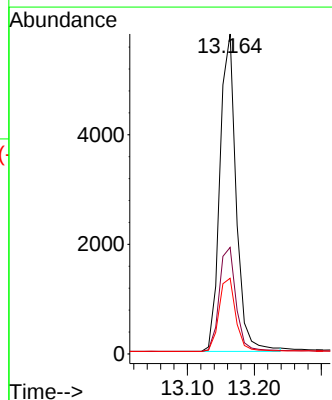
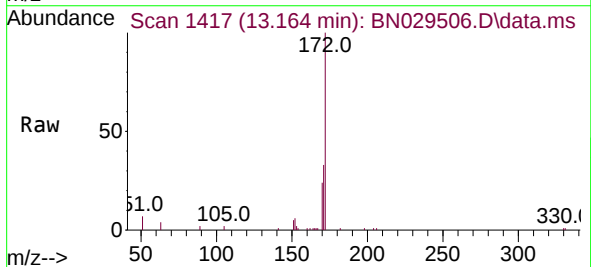
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-013124

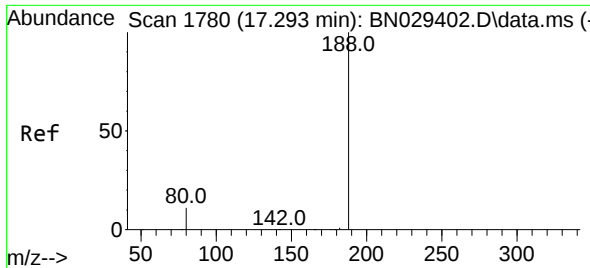
Tgt Ion:330 Resp: 606
Ion Ratio Lower Upper
330 100
332 93.6 76.0 114.0
141 56.6 43.4 65.2



#15
2-Fluorobiphenyl
Concen: 0.439 ng
RT: 13.164 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BN029506.D
Acq: 05 Feb 2024 13:57

Tgt Ion:172 Resp: 9791
Ion Ratio Lower Upper
172 100
171 33.3 28.0 42.0
170 23.6 18.7 28.1

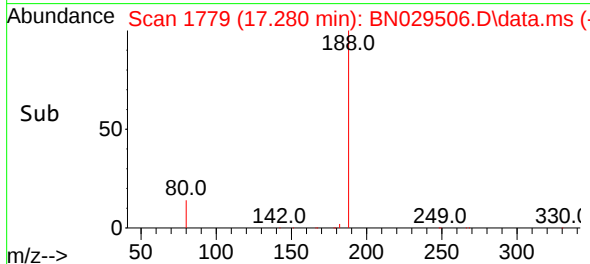
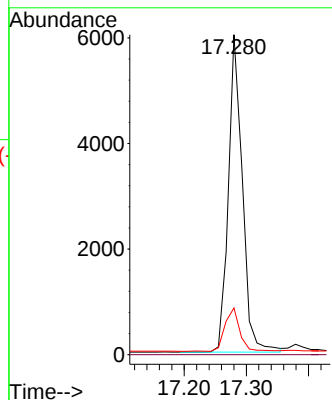
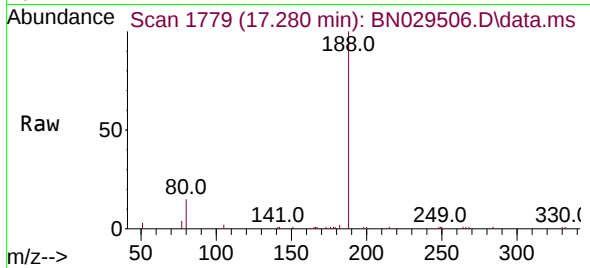




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.280 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN029506.D
Acq: 05 Feb 2024 13:57

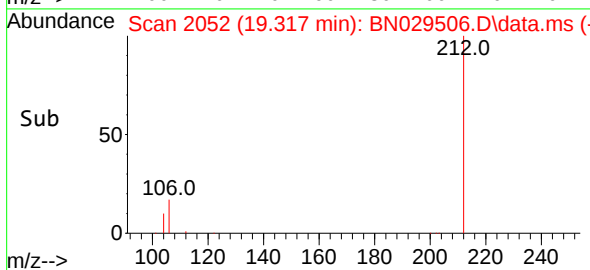
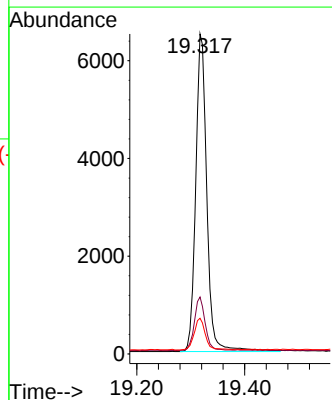
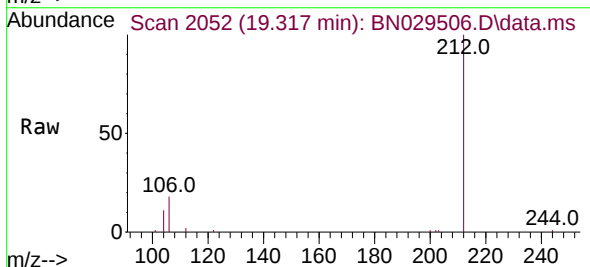
Instrument :
BNA_N
ClientSampleId :
BR-04DR-451-013124

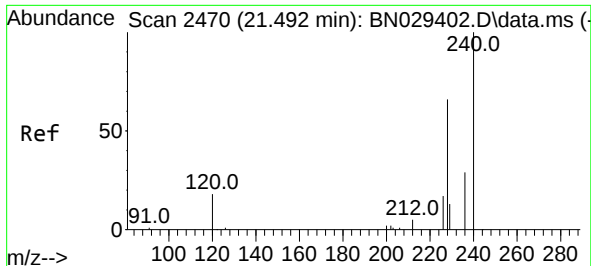
Tgt Ion:188 Resp: 9400
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.6 10.0 15.0



#27
Fluoranthene-d10
Concen: 0.408 ng
RT: 19.317 min Scan# 2052
Delta R.T. -0.005 min
Lab File: BN029506.D
Acq: 05 Feb 2024 13:57

Tgt Ion:212 Resp: 9290
Ion Ratio Lower Upper
212 100
106 16.6 13.2 19.8
104 10.0 7.7 11.5





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.483 min Scan# 2469

Delta R.T. -0.009 min

Lab File: BN029506.D

Acq: 05 Feb 2024 13:57

Instrument :

BNA_N

ClientSampleId :

BR-04DR-451-013124

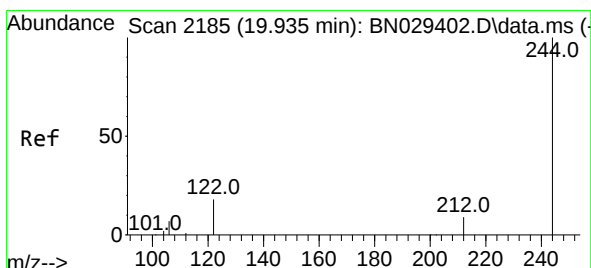
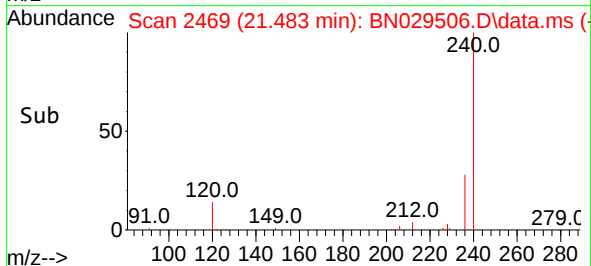
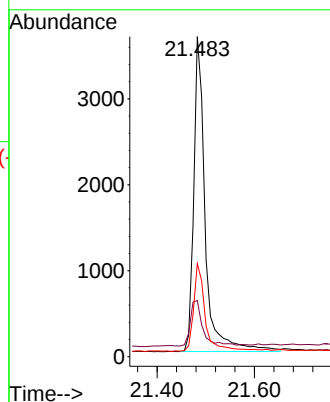
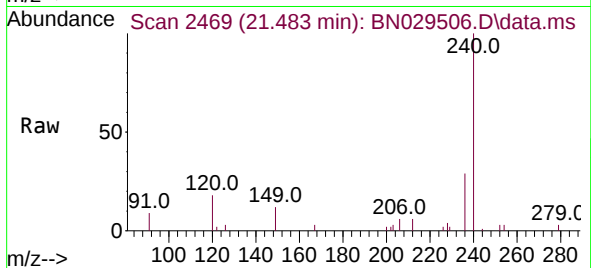
Tgt Ion:240 Resp: 6017

Ion Ratio Lower Upper

240 100

120 17.6 16.7 25.1

236 29.1 23.9 35.9



#31

Terphenyl-d14

Concen: 0.458 ng

RT: 19.926 min Scan# 2183

Delta R.T. -0.005 min

Lab File: BN029506.D

Acq: 05 Feb 2024 13:57

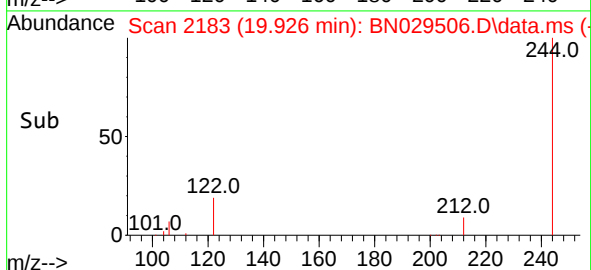
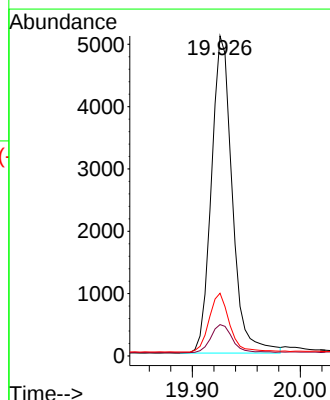
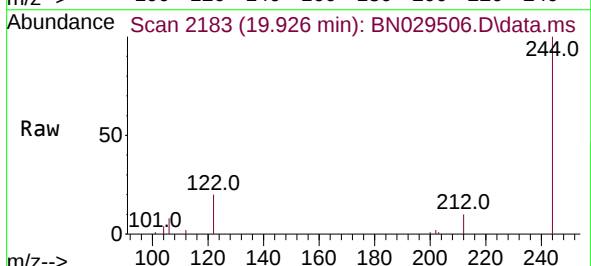
Tgt Ion:244 Resp: 6838

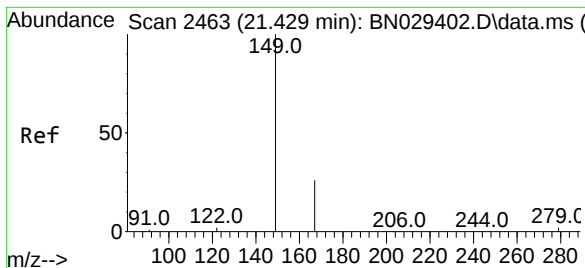
Ion Ratio Lower Upper

244 100

212 9.8 8.2 12.4

122 19.6 15.6 23.4





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.165 ng

RT: 21.420 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BN029506.D

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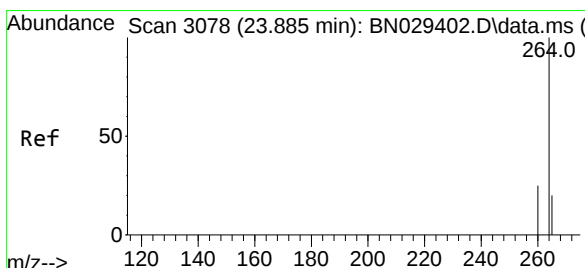
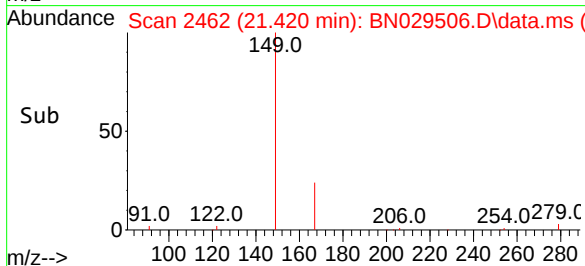
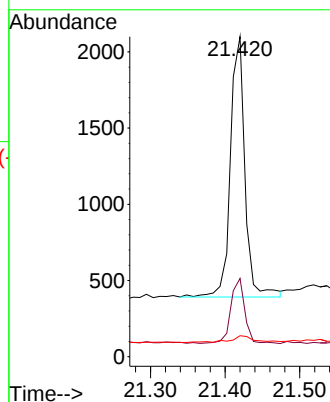
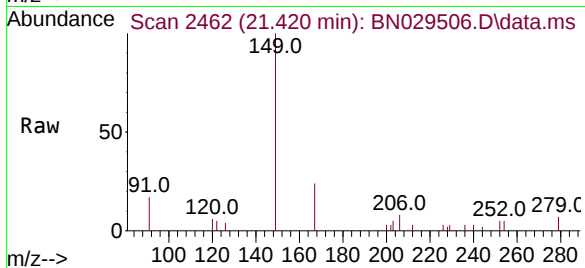
Tgt Ion:149 Resp: 2315

Ion Ratio Lower Upper

149 100

167 24.1 20.1 30.1

279 4.1 2.5 3.7#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.867 min Scan# 3072

Delta R.T. -0.003 min

Lab File: BN029506.D

Acq: 05 Feb 2024 13:57

Tgt Ion:264 Resp: 5652

Ion Ratio Lower Upper

264 100

260 27.7 21.2 31.8

265 51.9 41.5 62.3

