

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027288.D
 Acq On : 31 Aug 2023 00:14
 Operator : MA/JU
 Sample : 04051-20DL 2X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D1-20230816DL

Quant Time: Aug 31 04:30:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 05:37:30 2023
 Response via : Initial Calibration

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

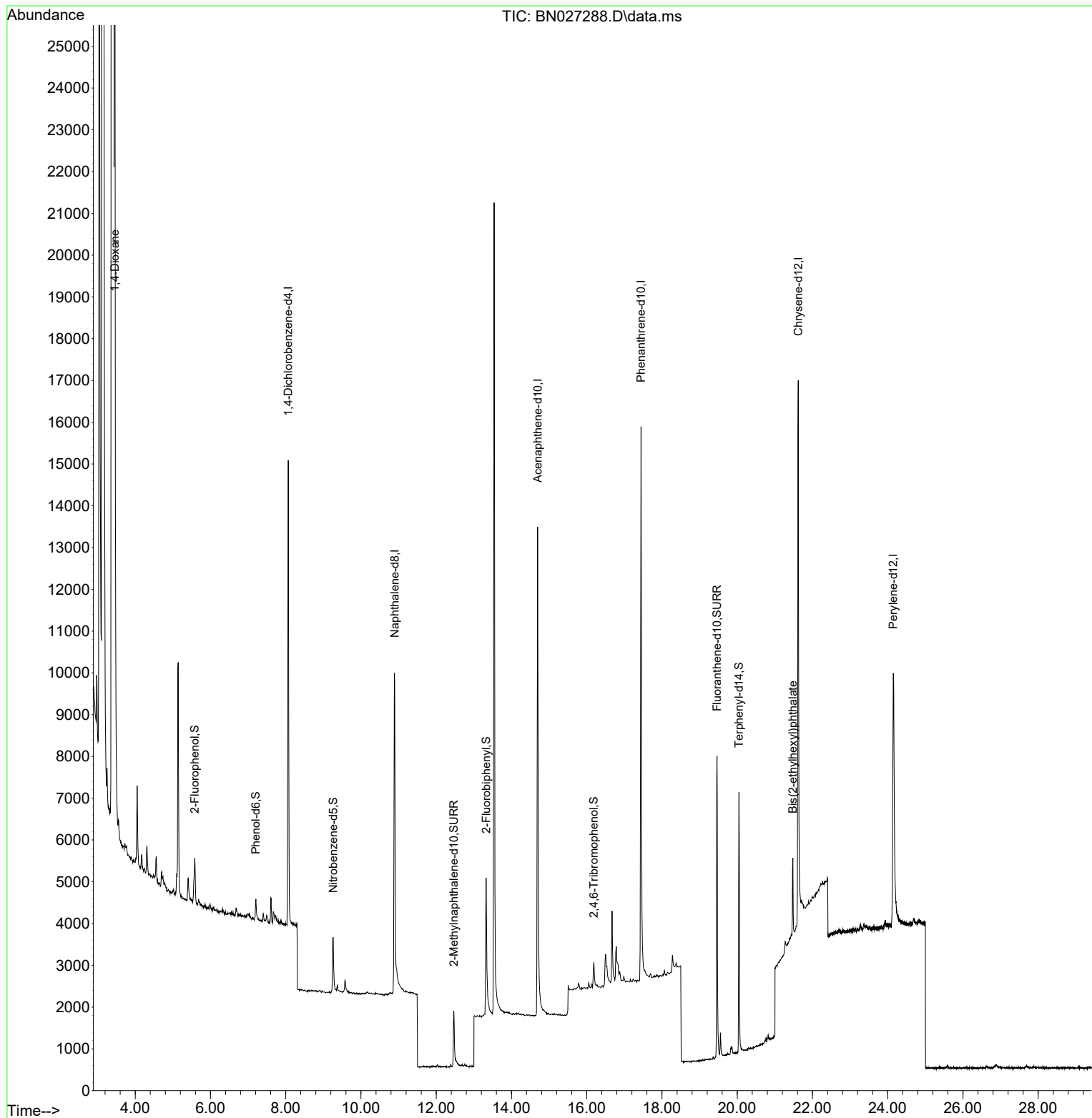
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	5268	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	13315	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	8193	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	20148	0.400	ng	0.00
29) Chrysene-d12	21.623	240	15364	0.400	ng	0.00
35) Perylene-d12	24.148	264	12930	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	854	0.062	ng	0.00
5) Phenol-d6	7.207	99	569	0.034	ng	0.00
8) Nitrobenzene-d5	9.262	82	1363	0.140	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	2666	0.136	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	448	0.148	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	4185	0.134	ng	0.00
27) Fluoranthene-d10	19.463	212	8639	0.172	ng	0.00
31) Terphenyl-d14	20.048	244	6607	0.214	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	20871	3.245	ng	95
34) Bis(2-ethylhexyl)phtha...	21.480	149	1949	0.077	ng	97

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

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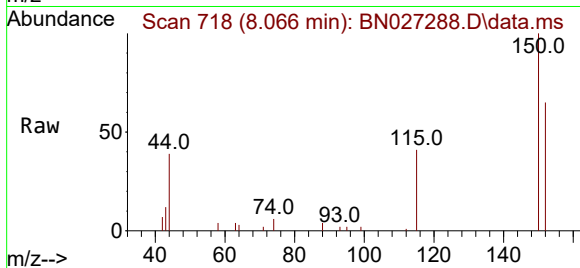
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



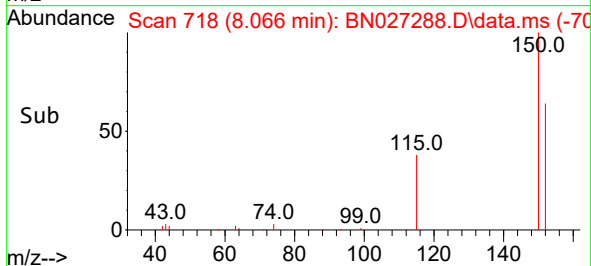
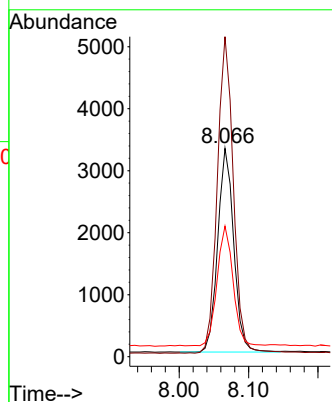


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.066 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027288.D
Acq: 31 Aug 2023 00:14

Instrument :
BNA_N
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RE120D1-20230816DL

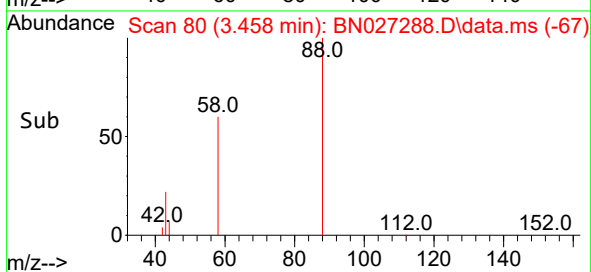
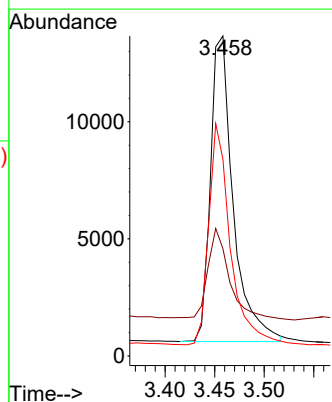
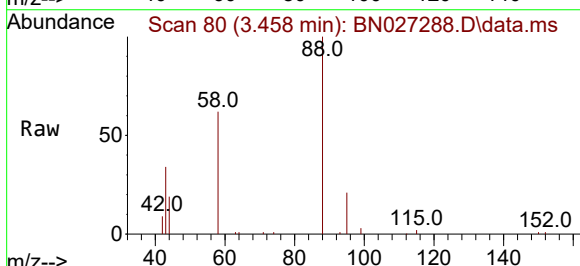


Tgt Ion:152 Resp: 5268
Ion Ratio Lower Upper
152 100
150 153.6 122.7 184.1
115 62.7 48.6 73.0



#2
1,4-Dioxane
Concen: 3.245 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027288.D
Acq: 31 Aug 2023 00:14

Tgt Ion: 88 Resp: 20871
Ion Ratio Lower Upper
88 100
43 27.2 19.1 28.7
58 68.6 52.2 78.2





#4

2-Fluorophenol

Concen: 0.062 ng

RT: 5.582 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027288.D

Acq: 31 Aug 2023 00:14

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230816DL

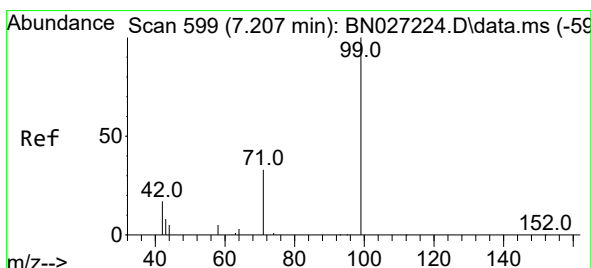
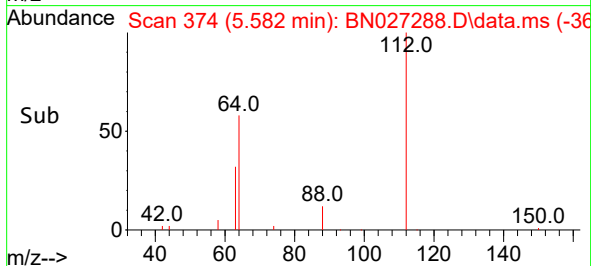
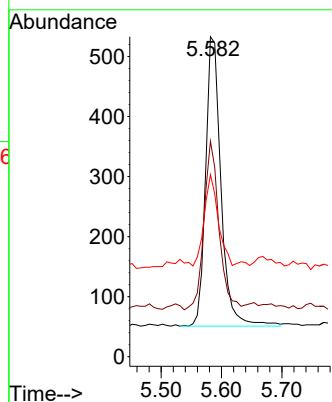
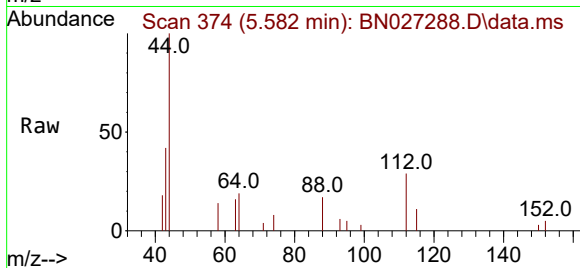
Tgt Ion:112 Resp: 854

Ion Ratio Lower Upper

112 100

64 56.9 44.4 66.6

63 29.0 23.1 34.7



#5

Phenol-d6

Concen: 0.034 ng

RT: 7.207 min Scan# 599

Delta R.T. -0.000 min

Lab File: BN027288.D

Acq: 31 Aug 2023 00:14

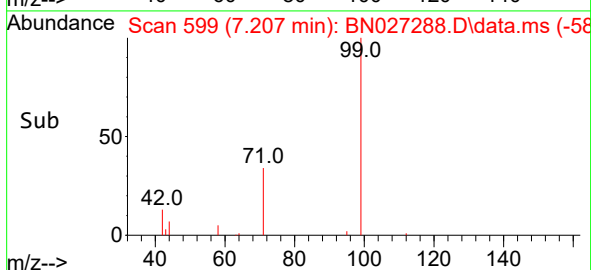
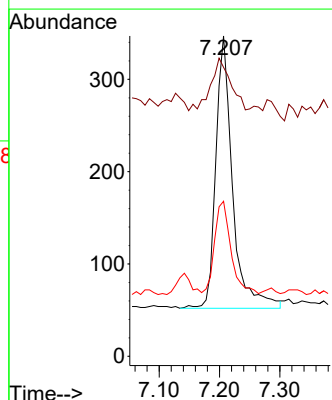
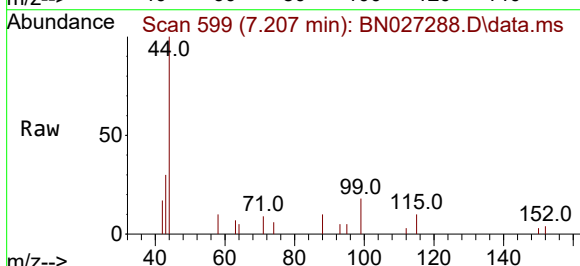
Tgt Ion: 99 Resp: 569

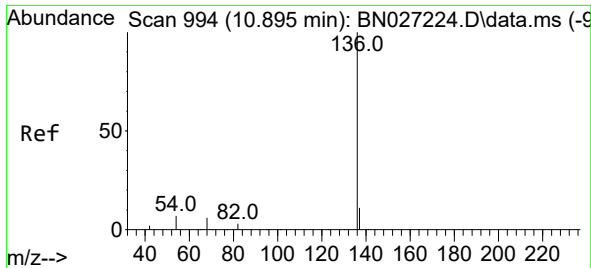
Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 33.2 25.8 38.6

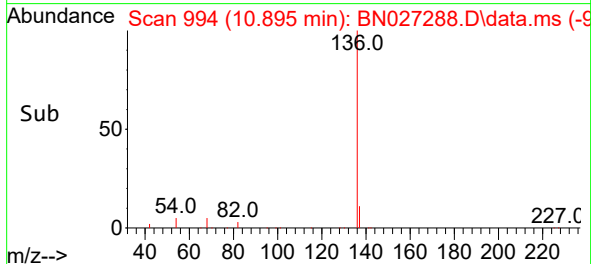
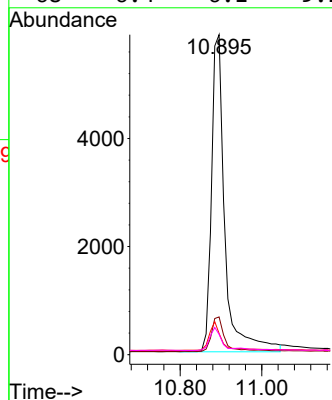
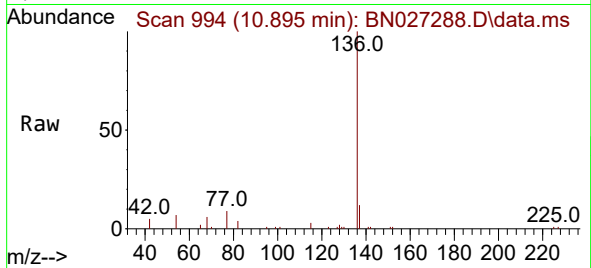




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. 0.000 min
Lab File: BN027288.D
Acq: 31 Aug 2023 00:14

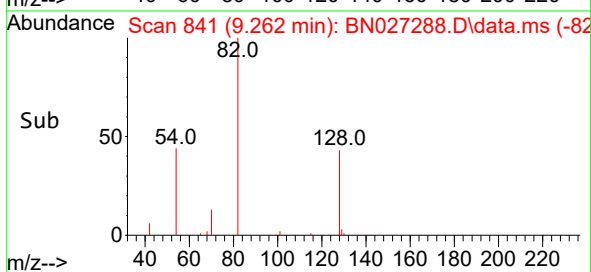
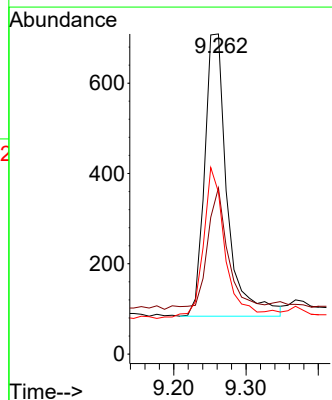
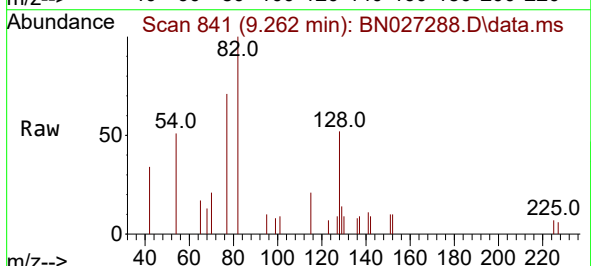
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230816DL

Tgt Ion:	136	Resp:	13315
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.3	13.9
54	6.6	6.7	10.1
68	6.4	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.140 ng
RT: 9.262 min Scan# 841
Delta R.T. 0.000 min
Lab File: BN027288.D
Acq: 31 Aug 2023 00:14

Tgt Ion:	82	Resp:	1363
Ion Ratio	Lower	Upper	
82	100		
128	51.9	33.4	50.0
54	50.6	37.7	56.5

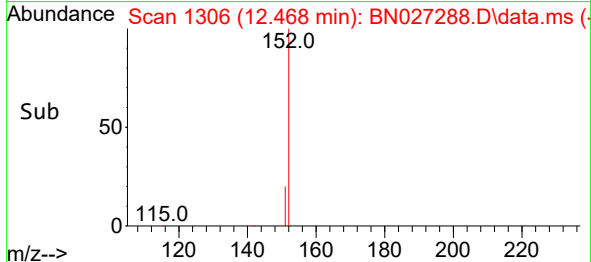
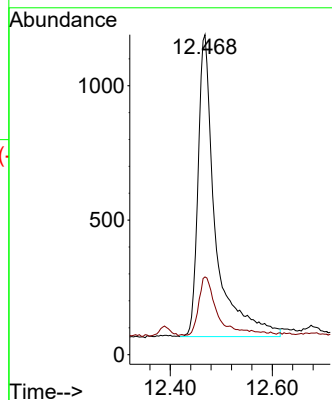
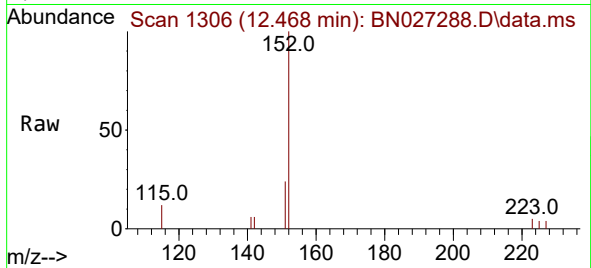




#11
2-Methylnaphthalene-d10
Concen: 0.136 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027288.D
Acq: 31 Aug 2023 00:14

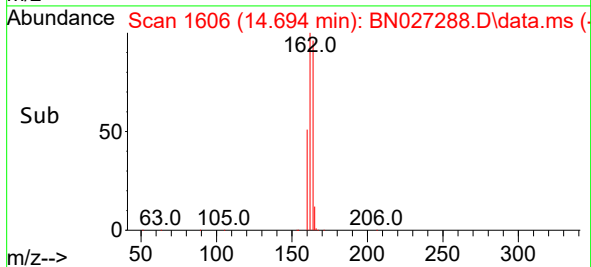
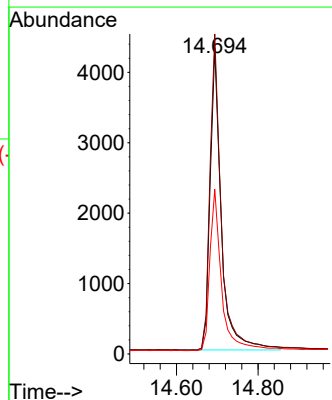
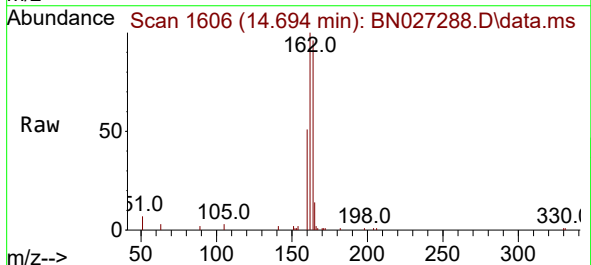
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230816DL

Tgt Ion:152 Resp: 2666
Ion Ratio Lower Upper
152 100
151 20.7 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN027288.D
Acq: 31 Aug 2023 00:14

Tgt Ion:164 Resp: 8193
Ion Ratio Lower Upper
164 100
162 104.6 85.8 128.8
160 53.8 44.2 66.2

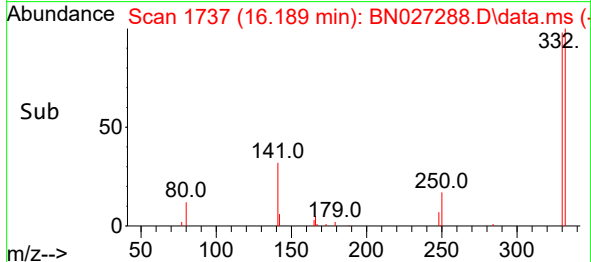
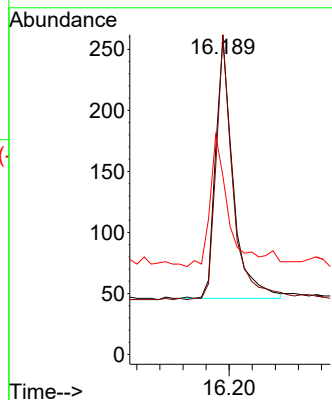
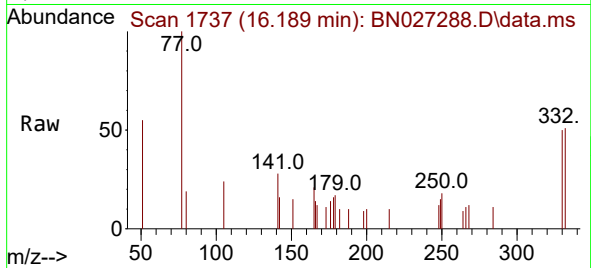




#14
2,4,6-Tribromophenol
Concen: 0.148 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027288.D
Acq: 31 Aug 2023 00:14

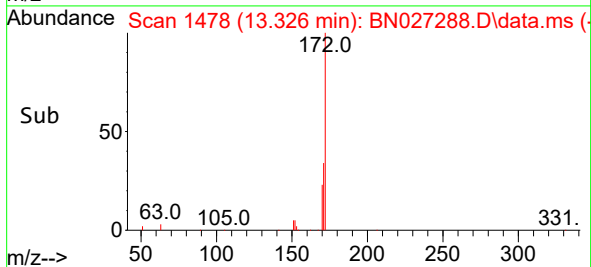
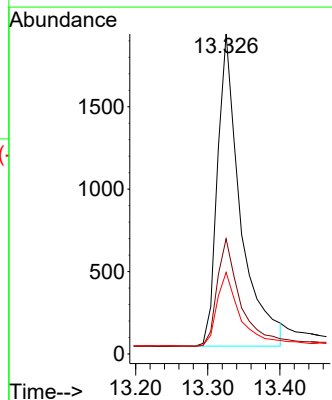
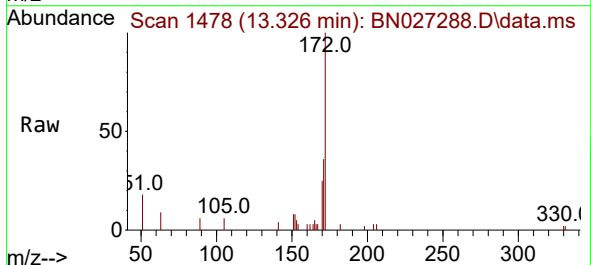
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230816DL

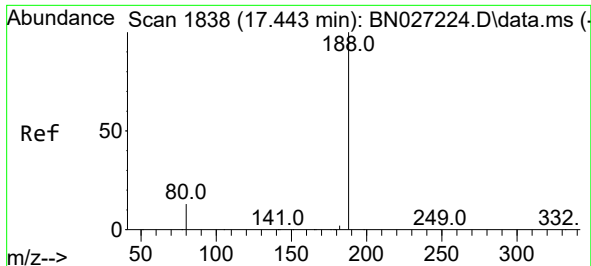
Tgt Ion:330 Resp: 448
Ion Ratio Lower Upper
330 100
332 97.3 75.2 112.8
141 55.6 36.2 54.4#



#15
2-Fluorobiphenyl
Concen: 0.134 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027288.D
Acq: 31 Aug 2023 00:14

Tgt Ion:172 Resp: 4185
Ion Ratio Lower Upper
172 100
171 36.0 27.8 41.8
170 25.5 19.3 28.9

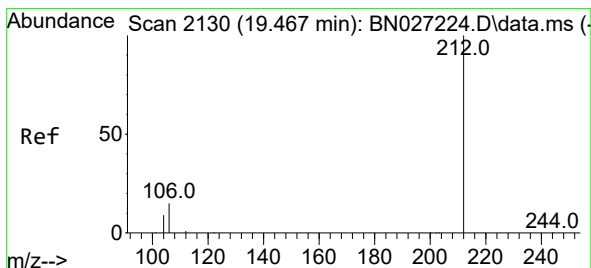
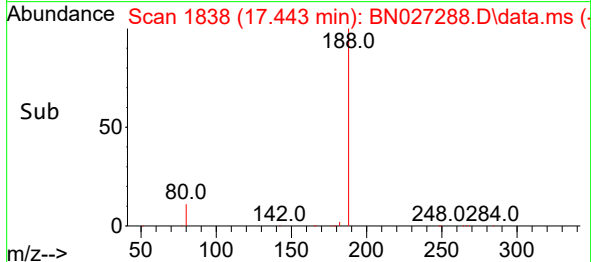
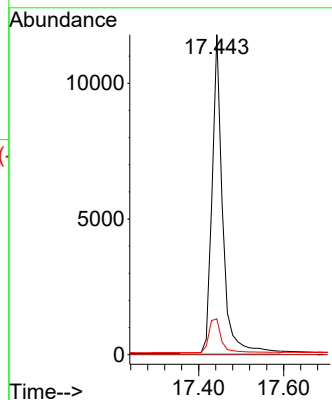
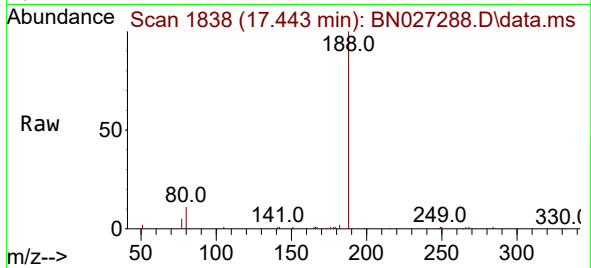




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027288.D
Acq: 31 Aug 2023 00:14

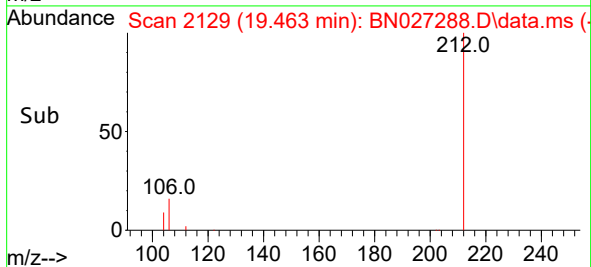
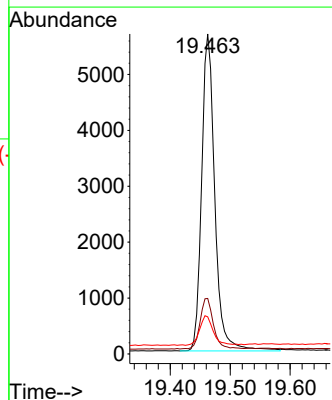
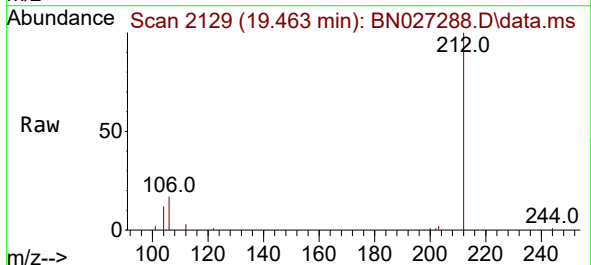
Instrument :
BNA_N
ClientSampleId :
RE120D1-20230816DL

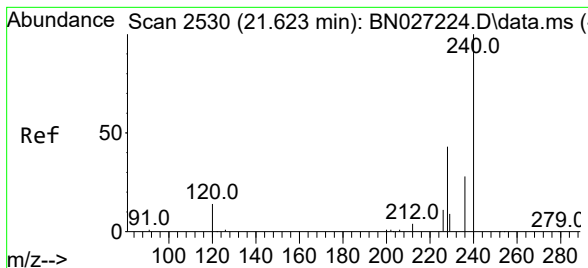
Tgt Ion:188 Resp: 20148
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.2 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.172 ng
RT: 19.463 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BN027288.D
Acq: 31 Aug 2023 00:14

Tgt Ion:212 Resp: 8639
Ion Ratio Lower Upper
212 100
106 16.1 12.1 18.1
104 9.9 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027288.D

Acq: 31 Aug 2023 00:14

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230816DL

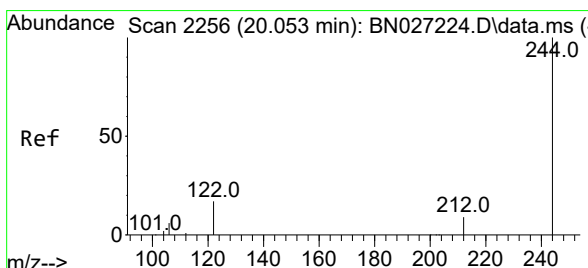
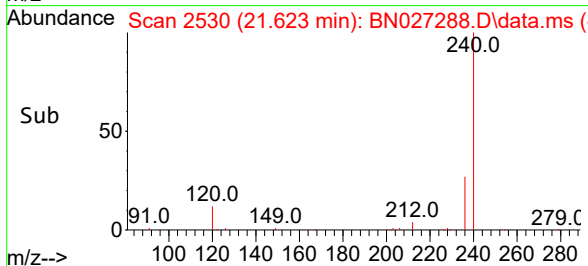
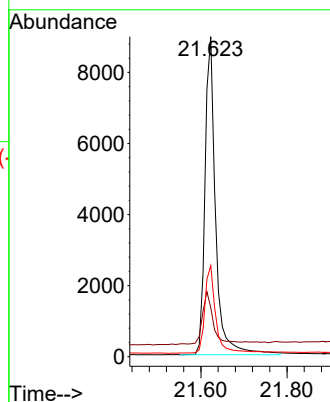
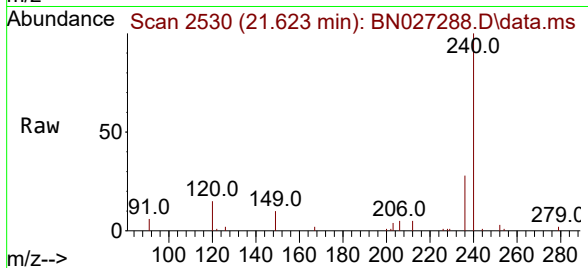
Tgt Ion:240 Resp: 15364

Ion Ratio Lower Upper

240 100

120 15.4 14.2 21.4

236 28.4 22.9 34.3



#31

Terphenyl-d14

Concen: 0.214 ng

RT: 20.048 min Scan# 2255

Delta R.T. -0.005 min

Lab File: BN027288.D

Acq: 31 Aug 2023 00:14

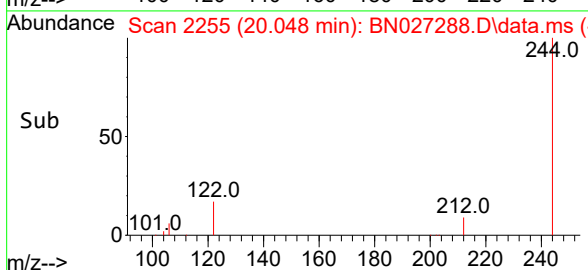
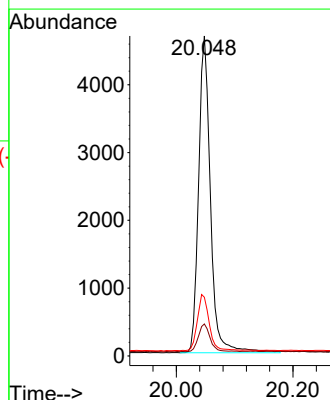
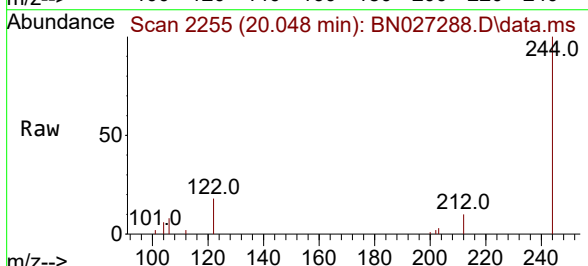
Tgt Ion:244 Resp: 6607

Ion Ratio Lower Upper

244 100

212 10.0 7.5 11.3

122 18.3 14.0 21.0





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.077 ng

RT: 21.480 min Scan# 2149

Delta R.T. -0.000 min

Lab File: BN027288.D

Acq: 31 Aug 2023 00:14

Instrument :

BNA_N

ClientSampleId :

RE120D1-20230816DL

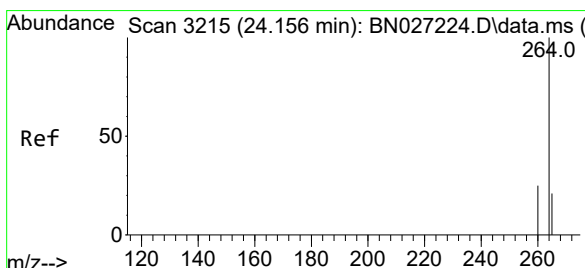
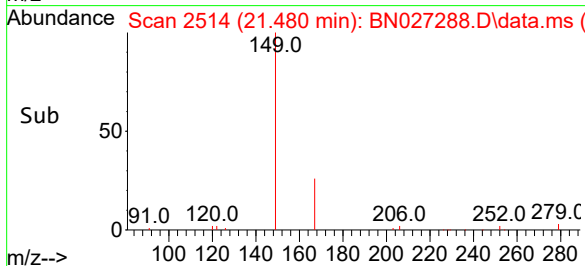
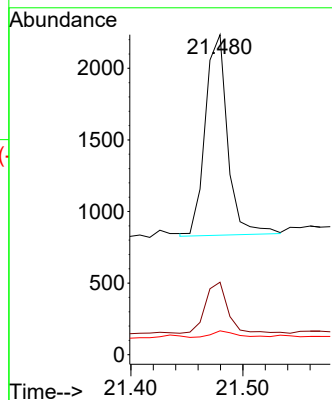
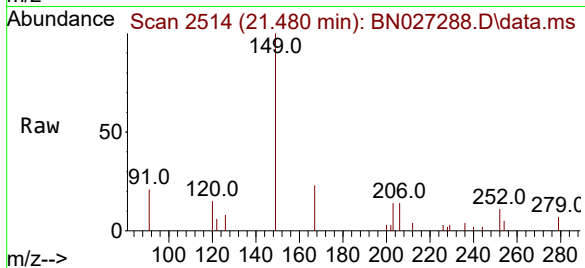
Tgt Ion:149 Resp: 1949

Ion Ratio Lower Upper

149 100

167 25.9 22.1 33.1

279 3.6 2.7 4.1



#35

Perylene-d12

Concen: 0.400 ng

RT: 24.148 min Scan# 3212

Delta R.T. -0.009 min

Lab File: BN027288.D

Acq: 31 Aug 2023 00:14

Tgt Ion:264 Resp: 12930

Ion Ratio Lower Upper

264 100

260 26.8 20.7 31.1

265 78.1 53.3 79.9

