

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027290.D
 Acq On : 31 Aug 2023 01:28
 Operator : MA/JU
 Sample : 04051-10DL 2X
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE125D1-20230816DL

Quant Time: Aug 31 04:31:15 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)

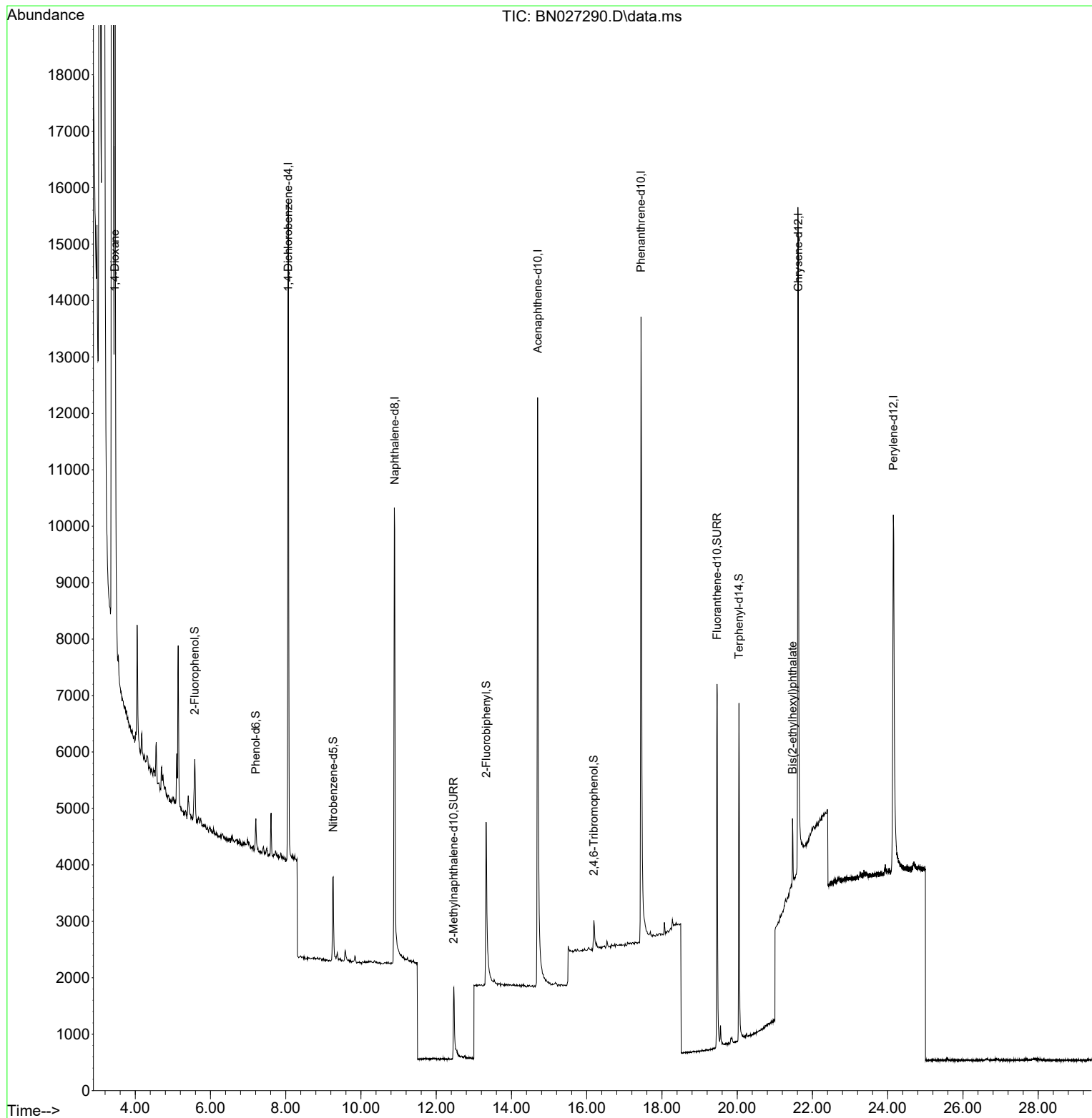
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	5741	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	13496	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	8368	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	20273	0.400	ng	0.00
29) Chrysene-d12	21.623	240	15556	0.400	ng	0.00
35) Perylene-d12	24.151	264	13366	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	871	0.058	ng	0.00
5) Phenol-d6	7.207	99	595	0.033	ng	0.00
8) Nitrobenzene-d5	9.262	82	1543	0.157	ng	0.00
11) 2-Methylnaphthalene-d10	12.464	152	2824	0.142	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	398	0.128	ng	0.00
15) 2-Fluorobiphenyl	13.326	172	4035	0.127	ng	0.00
27) Fluoranthene-d10	19.463	212	8538	0.169	ng	0.00
31) Terphenyl-d14	20.048	244	6420	0.205	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	14646	2.090	ng	# 92
34) Bis(2-ethylhexyl)phtha...	21.471	149	1316	0.051	ng	# 93

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

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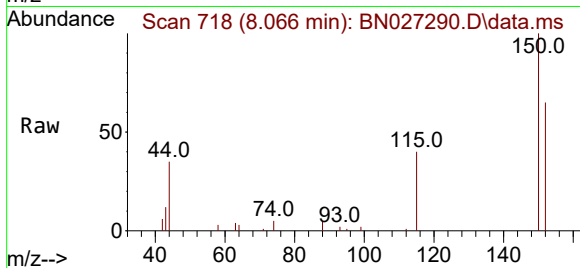
Quant Time: Aug 31 04:31:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



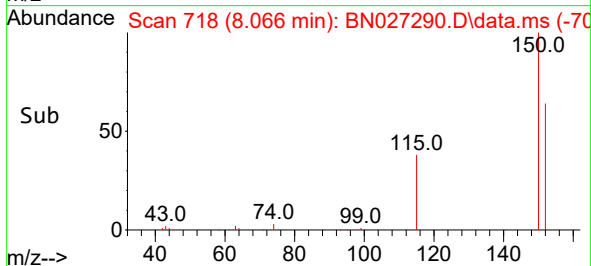
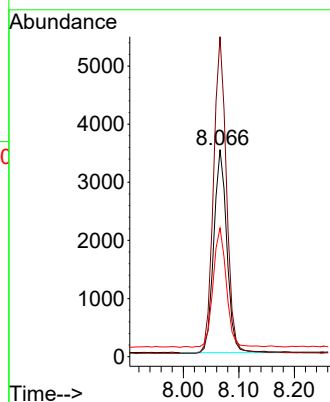


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.066 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN027290.D
Acq: 31 Aug 2023 01:28

Instrument :
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ClientSampleId :
RE125D1-20230816DL

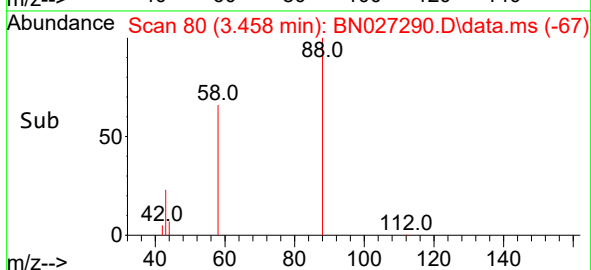
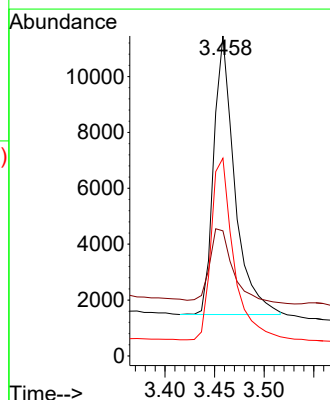
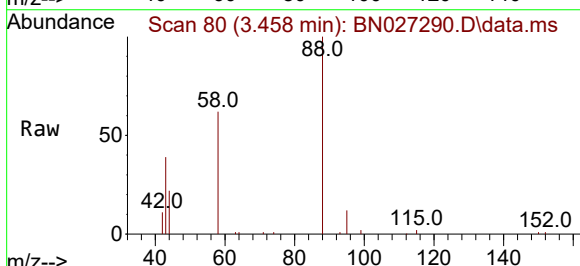


Tgt Ion:152 Resp: 5741
Ion Ratio Lower Upper
152 100
150 154.5 122.7 184.1
115 62.1 48.6 73.0



#2
1,4-Dioxane
Concen: 2.090 ng
RT: 3.458 min Scan# 80
Delta R.T. -0.007 min
Lab File: BN027290.D
Acq: 31 Aug 2023 01:28

Tgt Ion: 88 Resp: 14646
Ion Ratio Lower Upper
88 100
43 29.5 19.1 28.7#
58 70.3 52.2 78.2

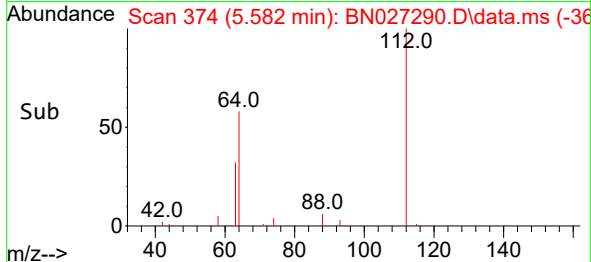
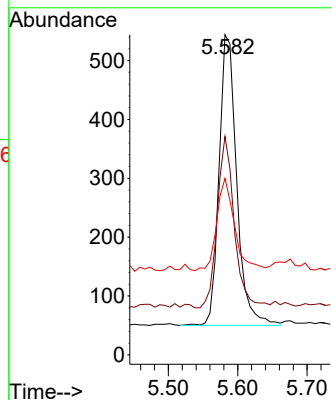
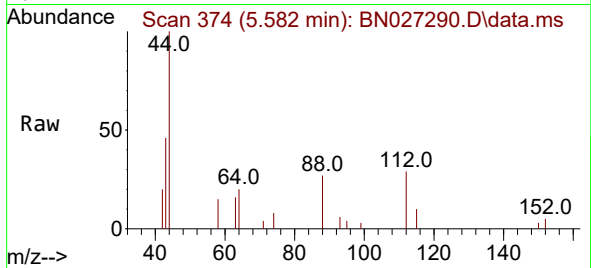




#4
2-Fluorophenol
Concen: 0.058 ng
RT: 5.582 min Scan# 31
Delta R.T. -0.007 min
Lab File: BN027290.D
Acq: 31 Aug 2023 01:28

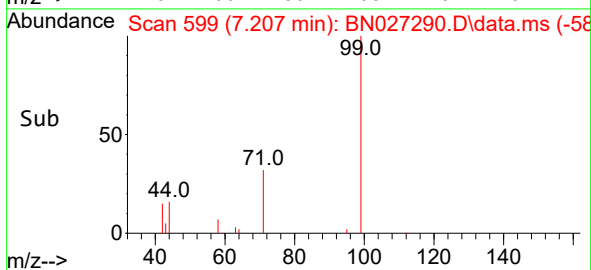
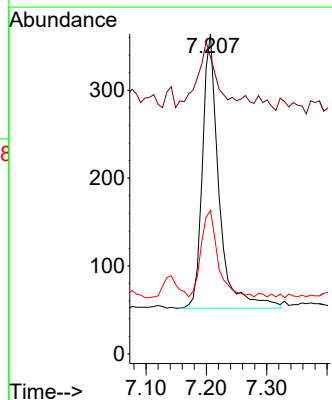
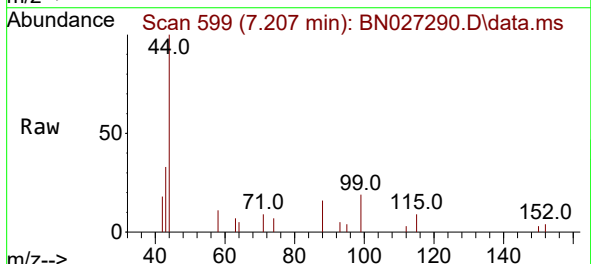
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230816DL

Tgt Ion:112 Resp: 871
Ion Ratio Lower Upper
112 100
64 57.2 44.4 66.6
63 32.0 23.1 34.7



#5
Phenol-d6
Concen: 0.033 ng
RT: 7.207 min Scan# 599
Delta R.T. 0.000 min
Lab File: BN027290.D
Acq: 31 Aug 2023 01:28

Tgt Ion: 99 Resp: 595
Ion Ratio Lower Upper
99 100
42 27.4 14.5 21.7#
71 31.6 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: BN027290.D

Acq: 31 Aug 2023 01:28

Instrument :

BNA_N

ClientSampleId :

RE125D1-20230816DL

Tgt Ion:136 Resp: 13496

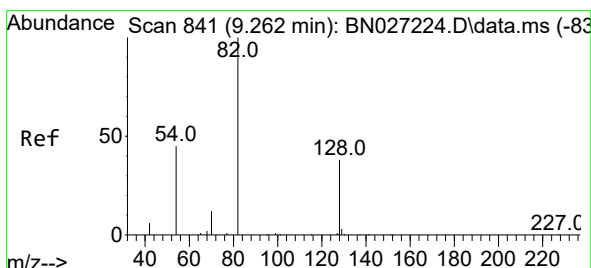
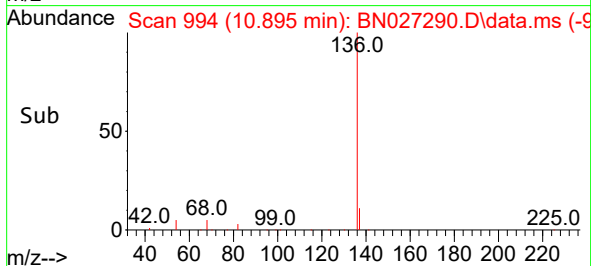
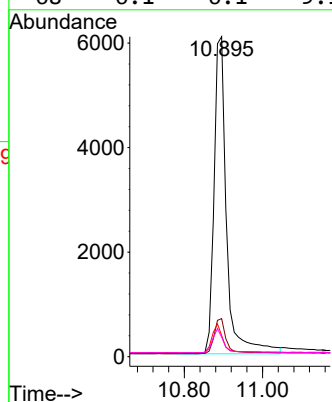
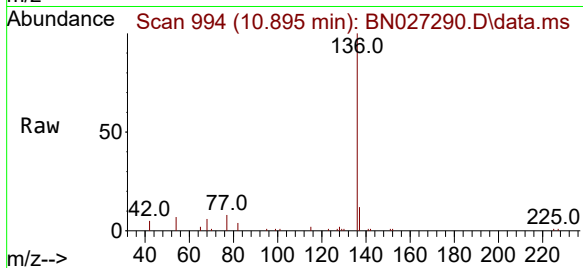
Ion Ratio Lower Upper

136 100

137 11.9 9.3 13.9

54 6.6 6.7 10.1#

68 6.1 6.1 9.1#



#8

Nitrobenzene-d5

Concen: 0.157 ng

RT: 9.262 min Scan# 841

Delta R.T. 0.000 min

Lab File: BN027290.D

Acq: 31 Aug 2023 01:28

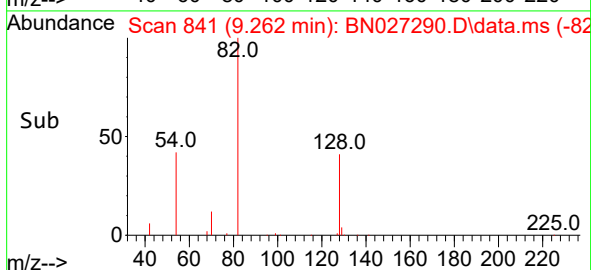
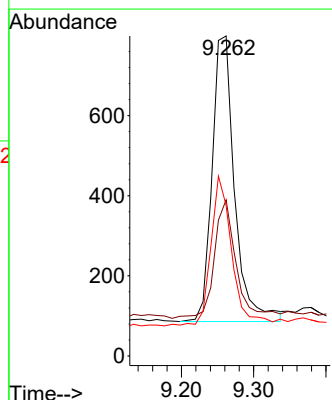
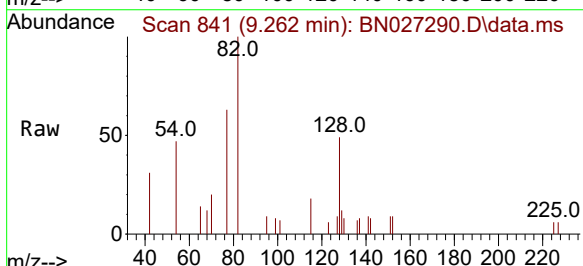
Tgt Ion: 82 Resp: 1543

Ion Ratio Lower Upper

82 100

128 48.8 33.4 50.0

54 47.1 37.7 56.5

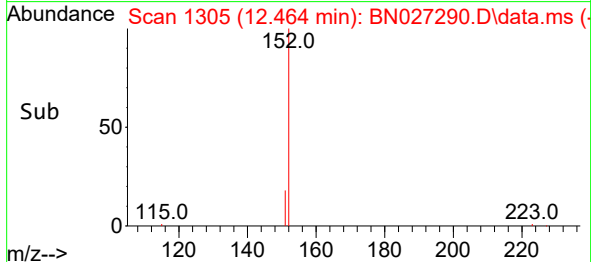
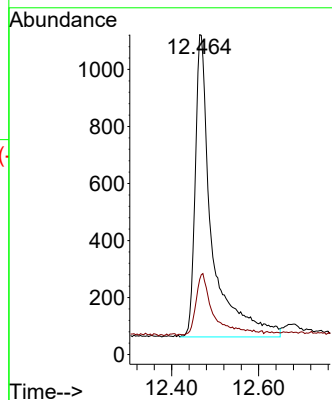
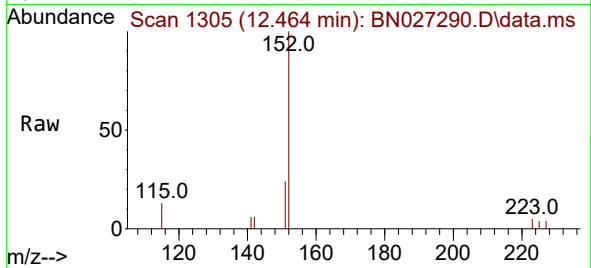




#11
2-Methylnaphthalene-d10
Concen: 0.142 ng
RT: 12.464 min Scan# 11
Delta R.T. -0.008 min
Lab File: BN027290.D
Acq: 31 Aug 2023 01:28

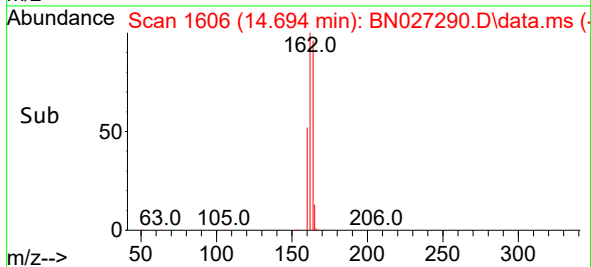
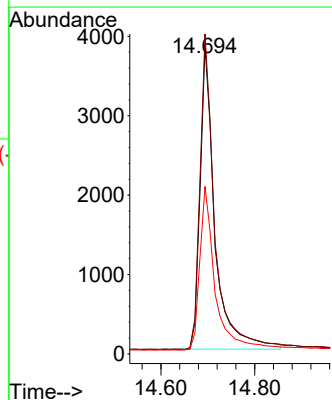
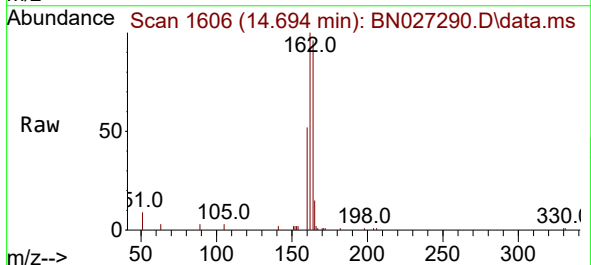
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230816DL

Tgt Ion:152 Resp: 2824
Ion Ratio Lower Upper
152 100
151 19.8 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: BN027290.D
Acq: 31 Aug 2023 01:28

Tgt Ion:164 Resp: 8368
Ion Ratio Lower Upper
164 100
162 104.0 85.8 128.8
160 54.5 44.2 66.2

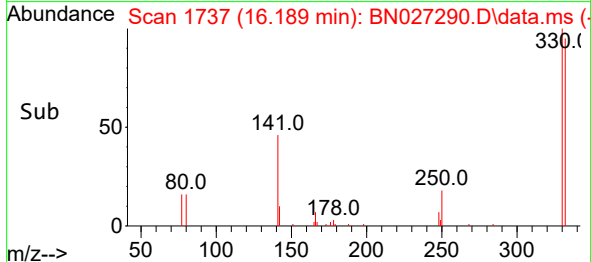
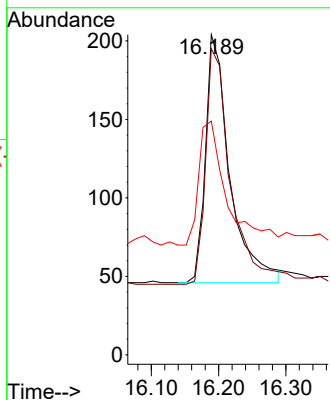
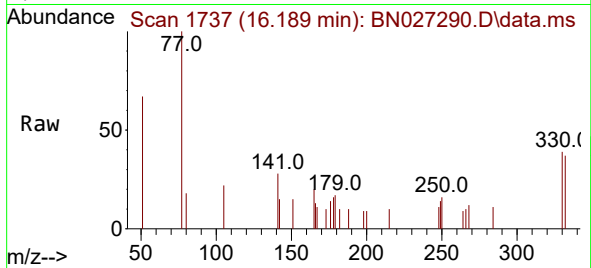




#14
2,4,6-Tribromophenol
Concen: 0.128 ng
RT: 16.189 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN027290.D
Acq: 31 Aug 2023 01:28

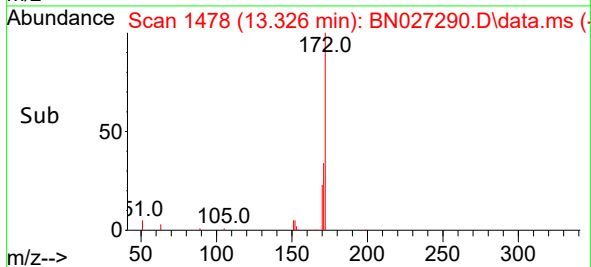
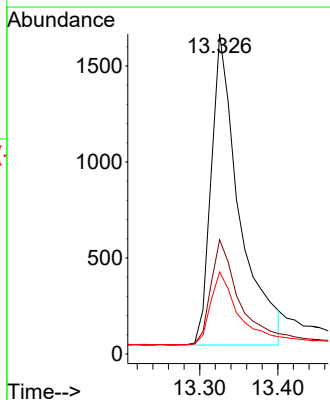
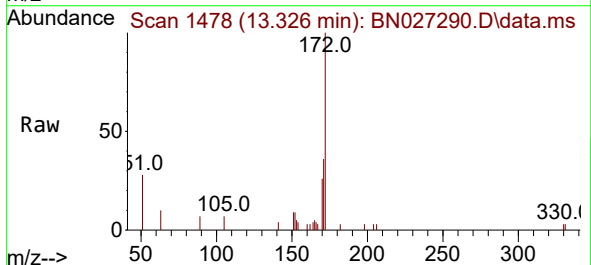
Instrument :
BNA_N
ClientSampleId :
RE125D1-20230816DL

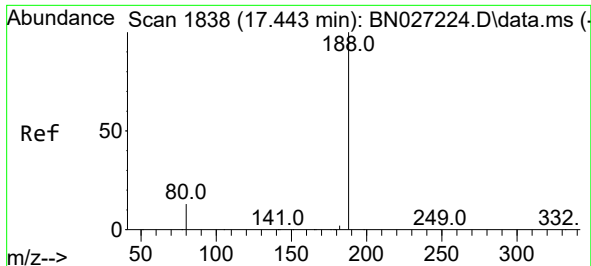
Tgt Ion:330 Resp: 398
Ion Ratio Lower Upper
330 100
332 97.0 75.2 112.8
141 57.3 36.2 54.4#



#15
2-Fluorobiphenyl
Concen: 0.127 ng
RT: 13.326 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BN027290.D
Acq: 31 Aug 2023 01:28

Tgt Ion:172 Resp: 4035
Ion Ratio Lower Upper
172 100
171 35.7 27.8 41.8
170 25.7 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: BN027290.D

Acq: 31 Aug 2023 01:28

Instrument :

BNA_N

ClientSampleId :

RE125D1-20230816DL

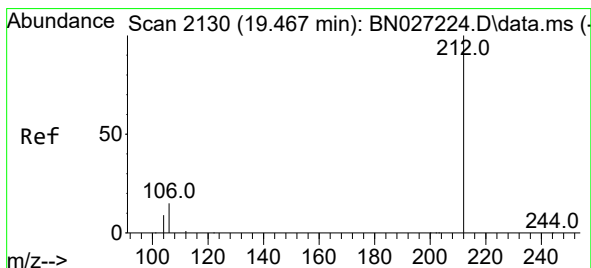
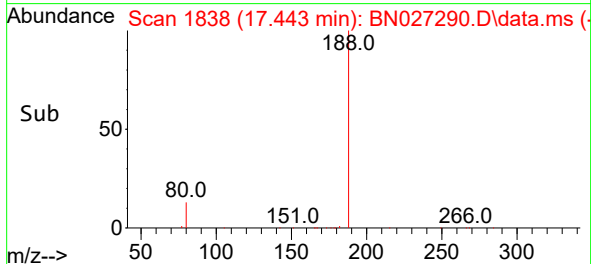
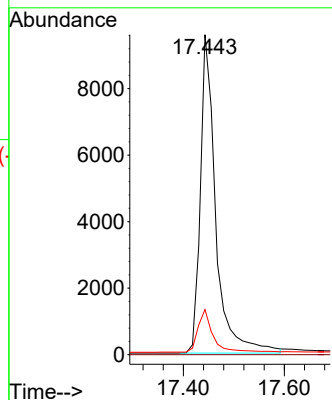
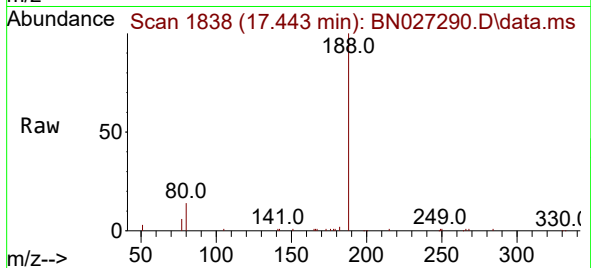
Tgt Ion:188 Resp: 20273

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.1 11.0 16.6



#27

Fluoranthene-d10

Concen: 0.169 ng

RT: 19.463 min Scan# 2129

Delta R.T. -0.005 min

Lab File: BN027290.D

Acq: 31 Aug 2023 01:28

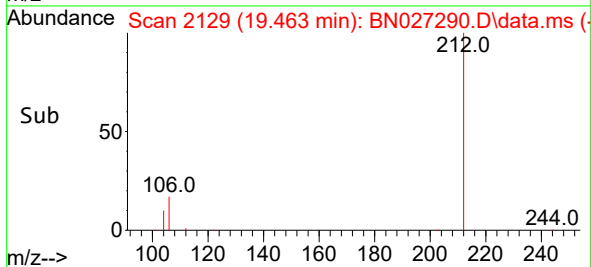
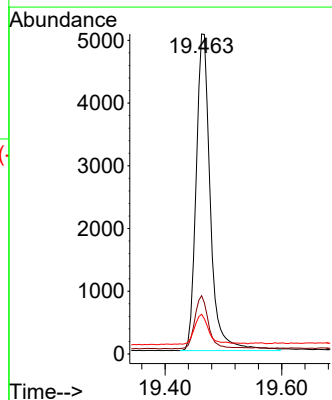
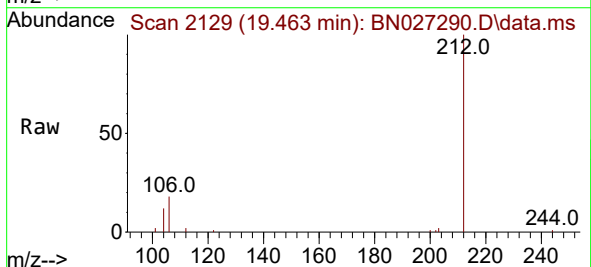
Tgt Ion:212 Resp: 8538

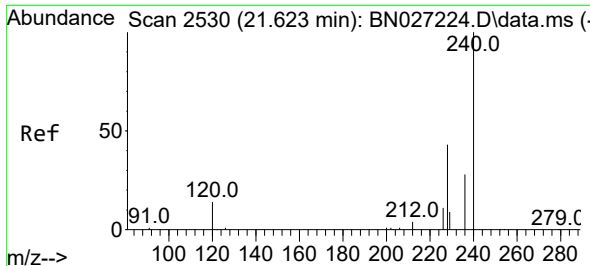
Ion Ratio Lower Upper

212 100

106 16.1 12.1 18.1

104 9.8 6.9 10.3

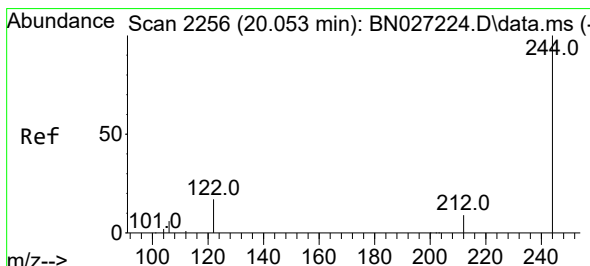
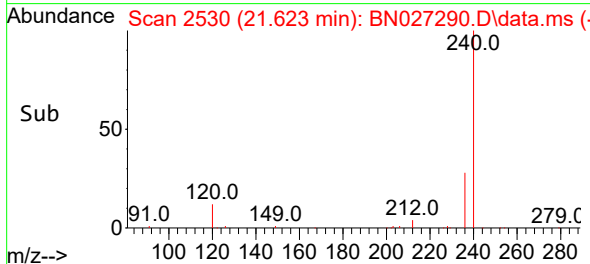
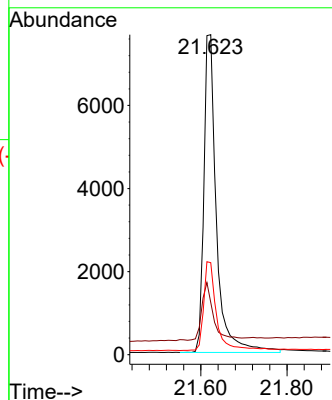
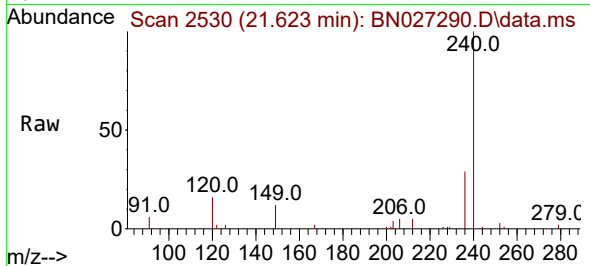




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.623 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN027290.D
Acq: 31 Aug 2023 01:28

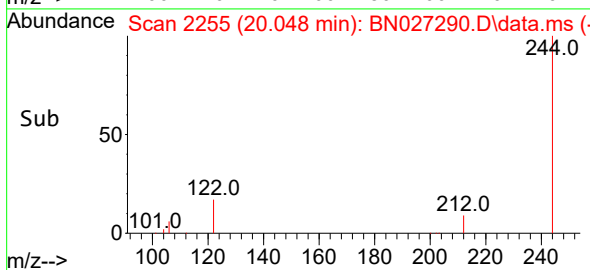
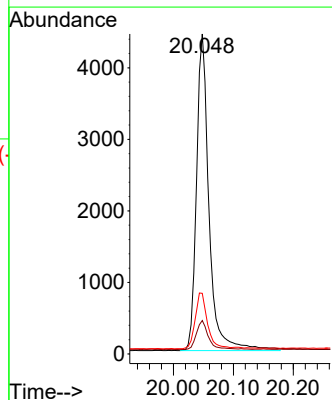
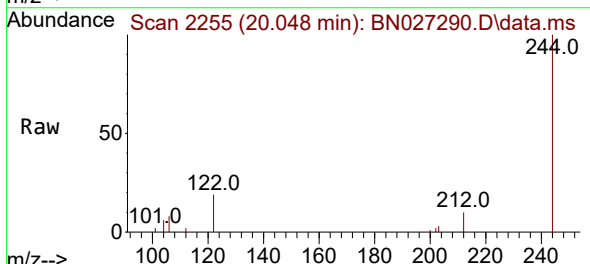
Instrument :
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Tgt Ion:240 Resp: 15556
Ion Ratio Lower Upper
240 100
120 16.3 14.2 21.4
236 28.8 22.9 34.3



#31
Terphenyl-d14
Concen: 0.205 ng
RT: 20.048 min Scan# 2255
Delta R.T. -0.005 min
Lab File: BN027290.D
Acq: 31 Aug 2023 01:28

Tgt Ion:244 Resp: 6420
Ion Ratio Lower Upper
244 100
212 10.4 7.5 11.3
122 19.0 14.0 21.0

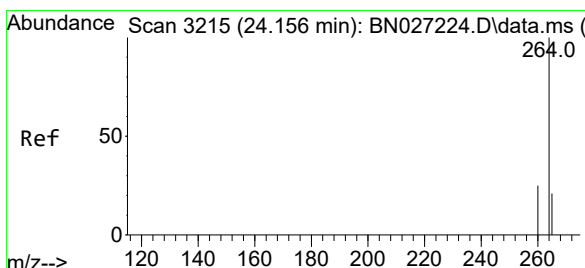
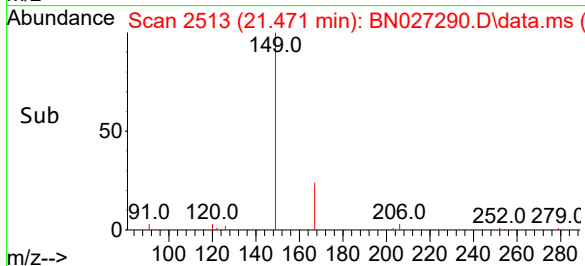
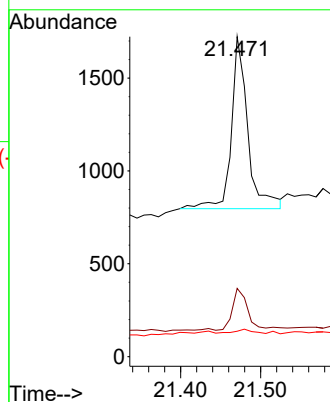
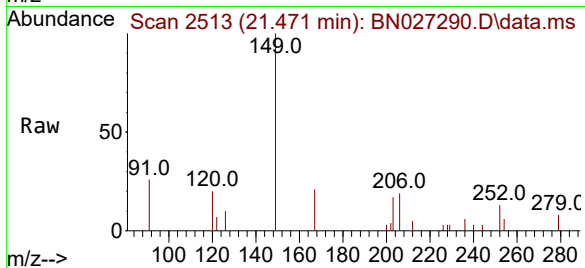




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.051 ng
RT: 21.471 min Scan# 2149
Delta R.T. -0.009 min
Lab File: BN027290.D
Acq: 31 Aug 2023 01:28

Instrument :
BNA_N
ClientSampleId :
RE125D1-20230816DL

Tgt Ion:149 Resp: 1316
Ion Ratio Lower Upper
149 100
167 23.8 22.1 33.1
279 2.1 2.7 4.1#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.151 min Scan# 3213
Delta R.T. -0.006 min
Lab File: BN027290.D
Acq: 31 Aug 2023 01:28

Tgt Ion:264 Resp: 13366
Ion Ratio Lower Upper
264 100
260 25.9 20.7 31.1
265 73.0 53.3 79.9

