

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027256.D
 Acq On : 30 Aug 2023 01:25
 Operator : MA/JU
 Sample : 04126-22
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20230821

Quant Time: Aug 30 03:52:13 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)

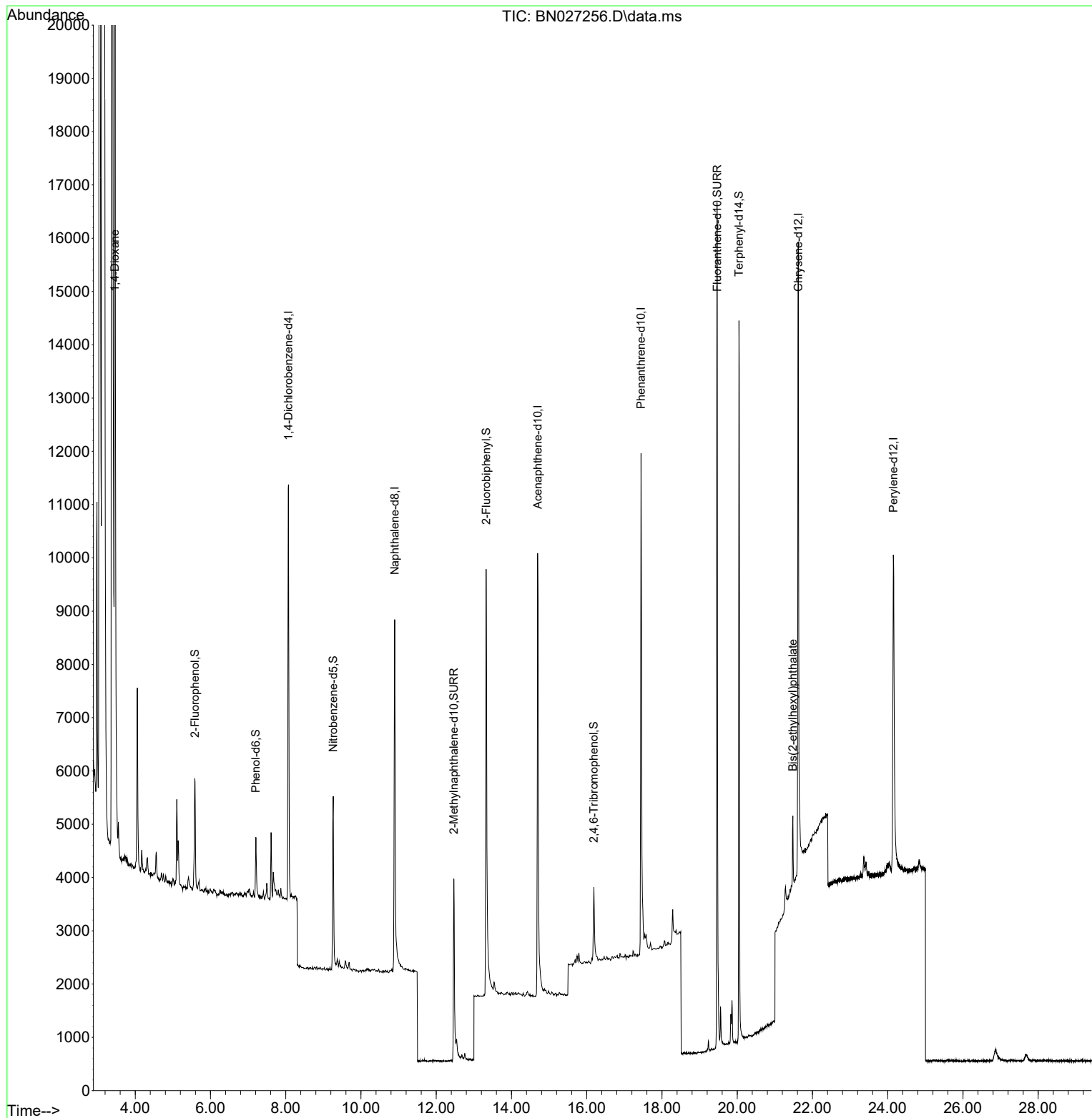
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.073	152	3906	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	10744	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	6386	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	14854	0.400	ng	0.00
29) Chrysene-d12	21.623	240	13123	0.400	ng	0.00
35) Perylene-d12	24.153	264	11744	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	1815	0.178	ng	0.00
5) Phenol-d6	7.207	99	1181	0.095	ng	0.00
8) Nitrobenzene-d5	9.262	82	3144	0.401	ng	0.00
11) 2-Methylnaphthalene-d10	12.468	152	6195	0.393	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	979	0.414	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	9494	0.391	ng	0.00
27) Fluoranthene-d10	19.467	212	18789	0.509	ng	0.00
31) Terphenyl-d14	20.048	244	13628	0.517	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	22747	4.770	ng	95
34) Bis(2-ethylhexyl)phtha...	21.479	149	1478	0.068	ng	98

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

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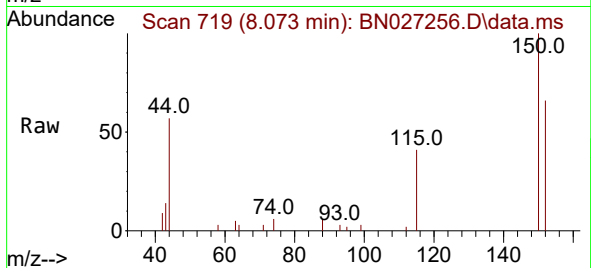
Quant Time: Aug 30 03:52:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
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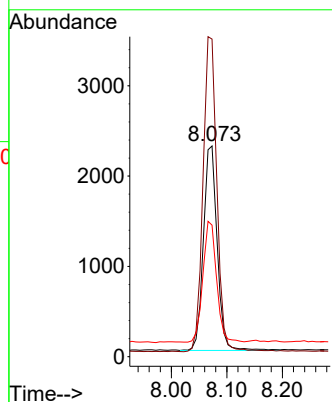
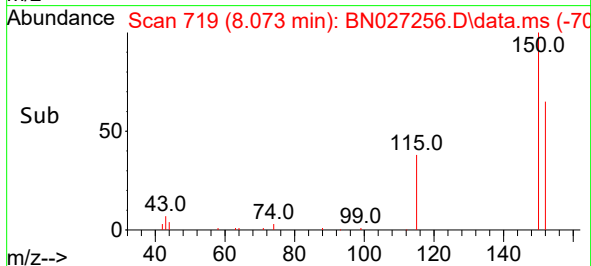


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.073 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BN027256.D
 Acq: 30 Aug 2023 01:25

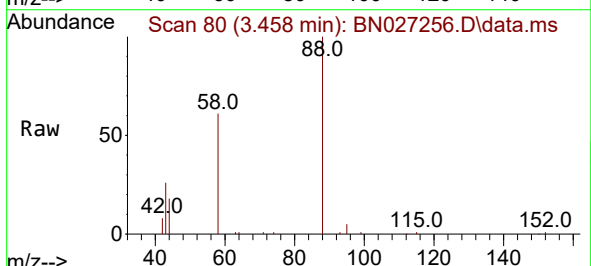
Instrument :
 BNA_N
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 RE132D3-20230821



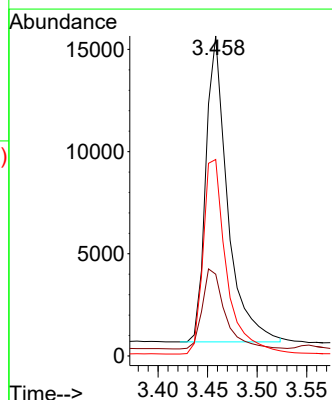
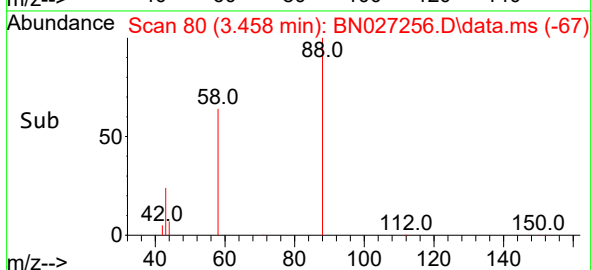
Tgt Ion:152 Resp: 3906
 Ion Ratio Lower Upper
 152 100
 150 150.7 122.7 184.1
 115 62.4 48.6 73.0



#2
 1,4-Dioxane
 Concen: 4.770 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027256.D
 Acq: 30 Aug 2023 01:25



Tgt Ion: 88 Resp: 22747
 Ion Ratio Lower Upper
 88 100
 43 27.6 19.1 28.7
 58 68.4 52.2 78.2

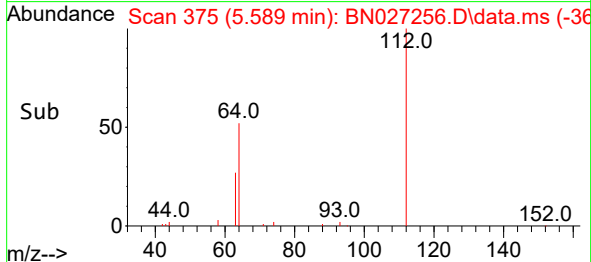
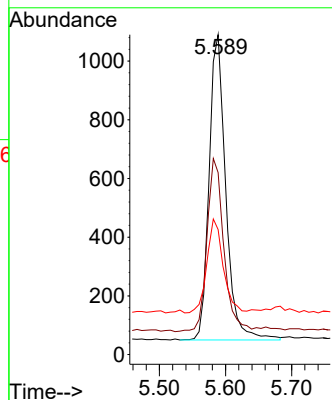
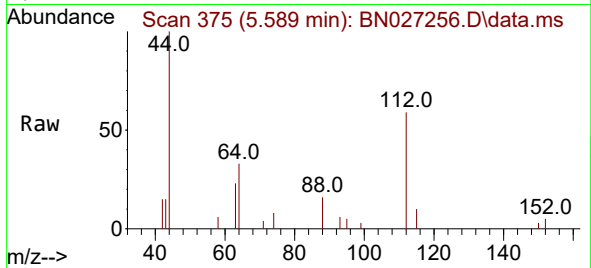




#4
2-Fluorophenol
Concen: 0.178 ng
RT: 5.589 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027256.D
Acq: 30 Aug 2023 01:25

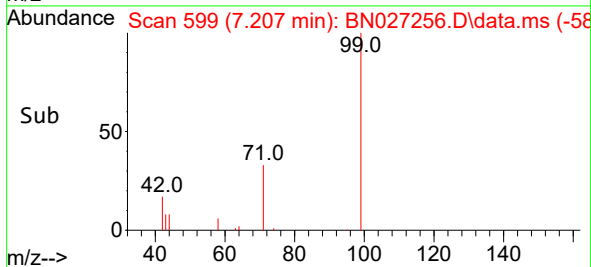
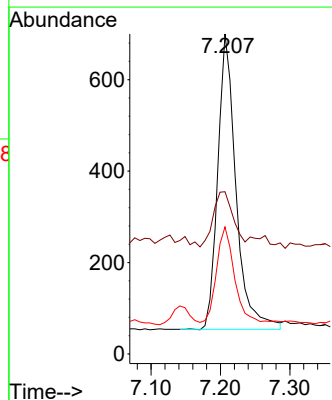
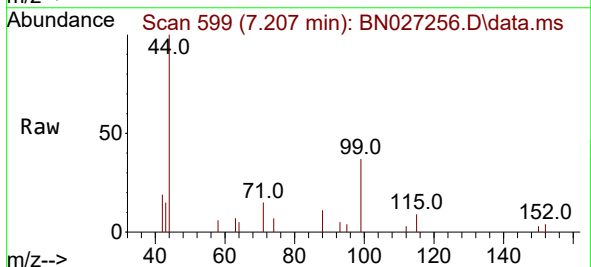
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RE132D3-20230821

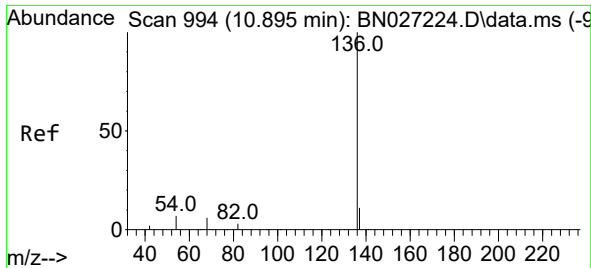
Tgt Ion:112 Resp: 1815
Ion Ratio Lower Upper
112 100
64 57.7 44.4 66.6
63 30.1 23.1 34.7



#5
Phenol-d6
Concen: 0.095 ng
RT: 7.207 min Scan# 599
Delta R.T. -0.000 min
Lab File: BN027256.D
Acq: 30 Aug 2023 01:25

Tgt Ion: 99 Resp: 1181
Ion Ratio Lower Upper
99 100
42 20.4 14.5 21.7
71 32.4 25.8 38.6

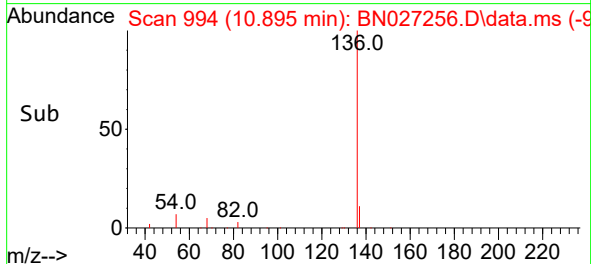
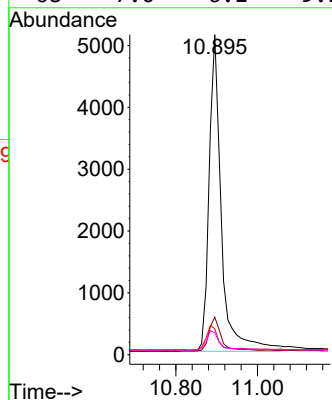
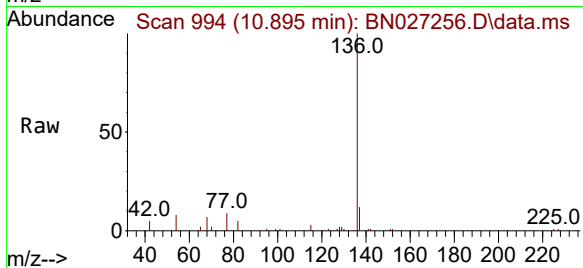




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN027256.D
Acq: 30 Aug 2023 01:25

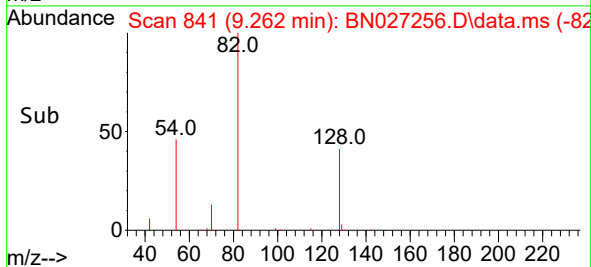
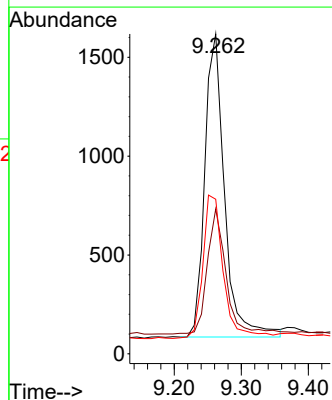
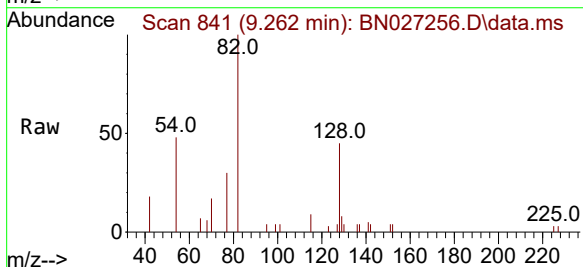
Instrument :
BNA_N
ClientSampleId :
RE132D3-20230821

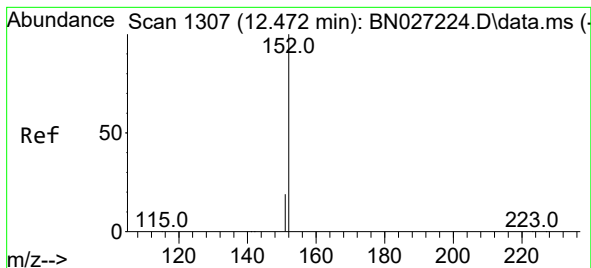
Tgt Ion:	136	Resp:	10744
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	8.1	6.7	10.1
68	7.0	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.401 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.000 min
Lab File: BN027256.D
Acq: 30 Aug 2023 01:25

Tgt Ion:	82	Resp:	3144
Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.4	50.0
54	48.3	37.7	56.5

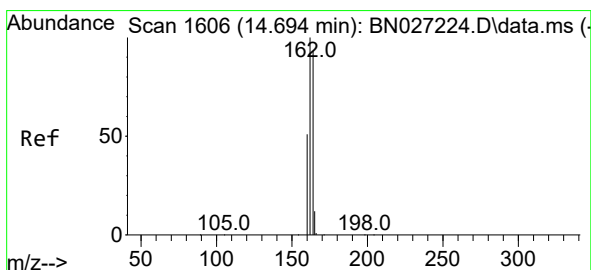
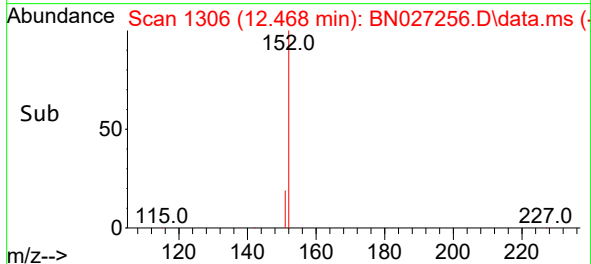
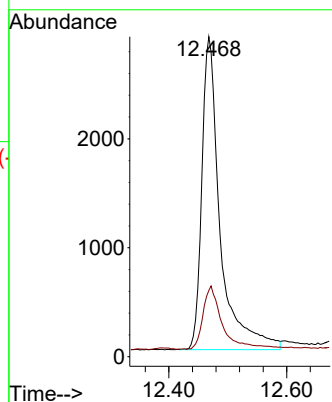
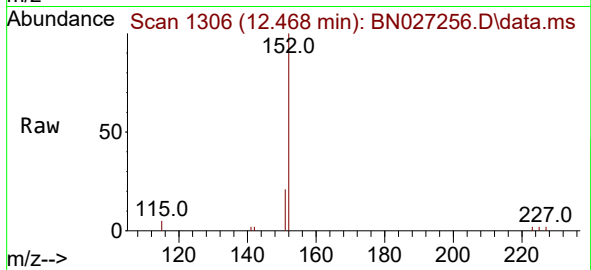




#11
2-Methylnaphthalene-d10
Concen: 0.393 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027256.D
Acq: 30 Aug 2023 01:25

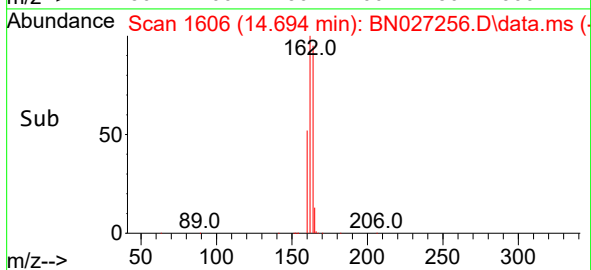
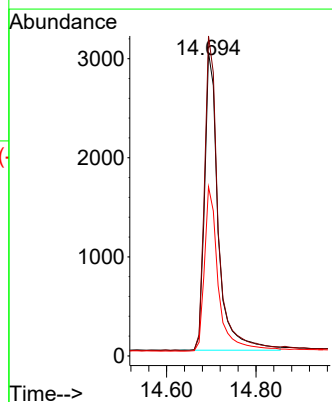
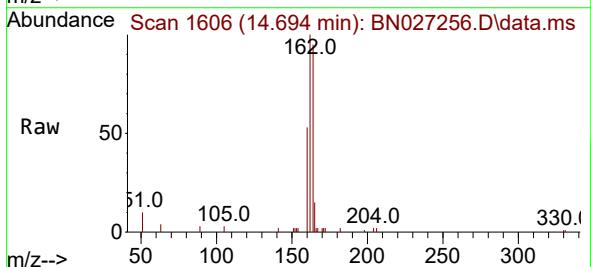
Instrument :
BNA_N
ClientSampleId :
RE132D3-20230821

Tgt Ion:152 Resp: 6195
Ion Ratio Lower Upper
152 100
151 21.8 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: BN027256.D
Acq: 30 Aug 2023 01:25

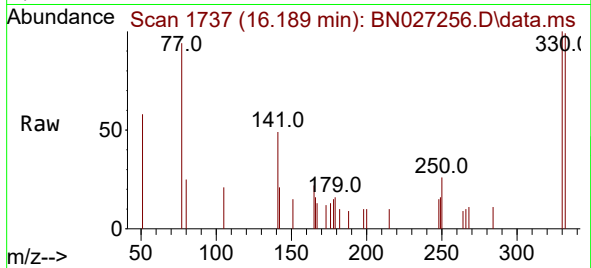
Tgt Ion:164 Resp: 6386
Ion Ratio Lower Upper
164 100
162 105.4 85.8 128.8
160 55.7 44.2 66.2



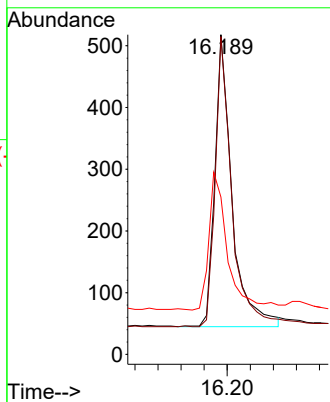
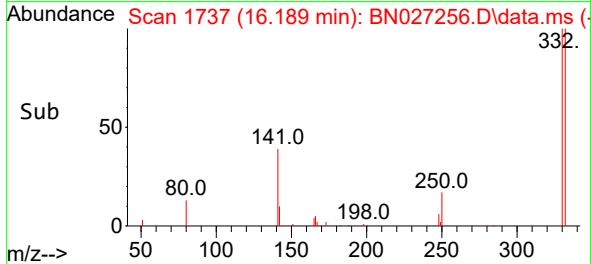


#14
2,4,6-Tribromophenol
Concen: 0.414 ng
RT: 16.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN027256.D
Acq: 30 Aug 2023 01:25

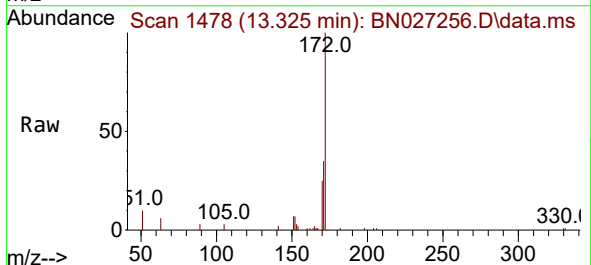
Instrument :
BNA_N
ClientSampleId :
RE132D3-20230821



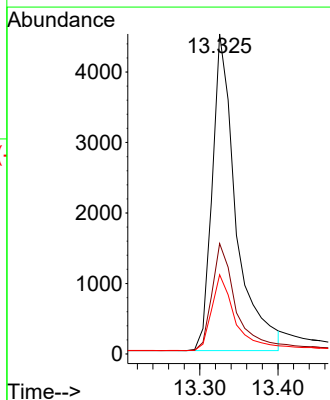
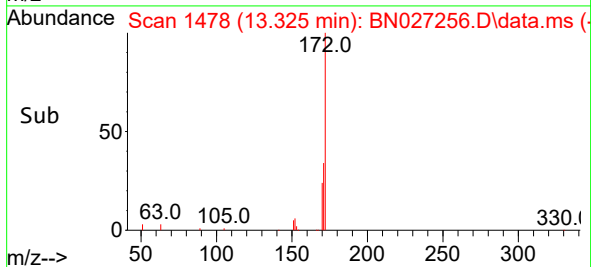
Tgt Ion:330 Resp: 979
Ion Ratio Lower Upper
330 100
332 95.3 75.2 112.8
141 51.1 36.2 54.4

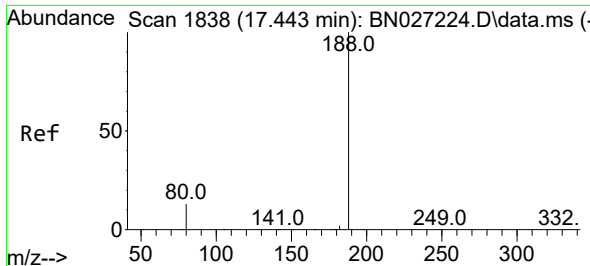


#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027256.D
Acq: 30 Aug 2023 01:25



Tgt Ion:172 Resp: 9494
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 24.7 19.3 28.9

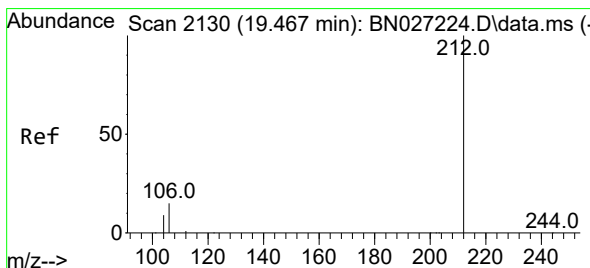
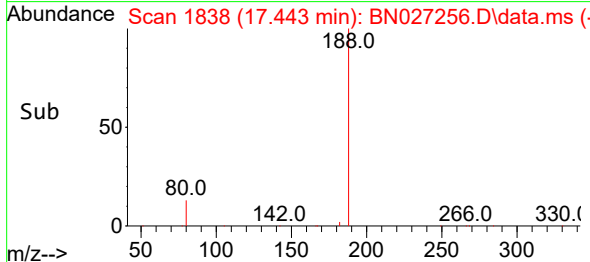
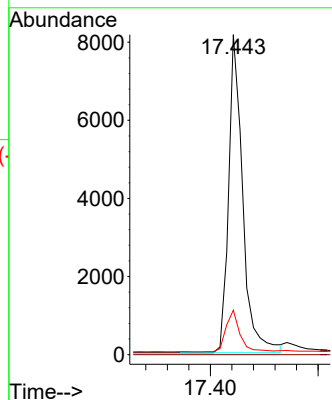
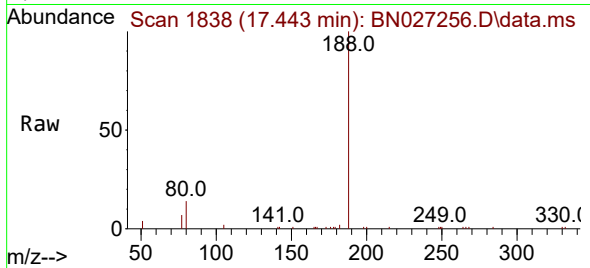




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.443 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BN027256.D
Acq: 30 Aug 2023 01:25

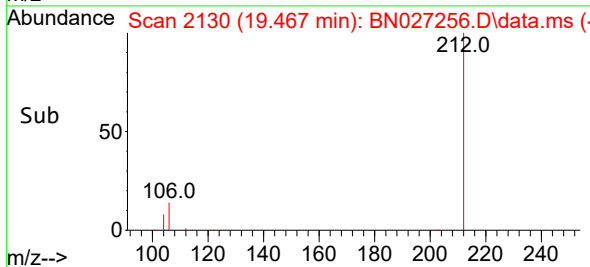
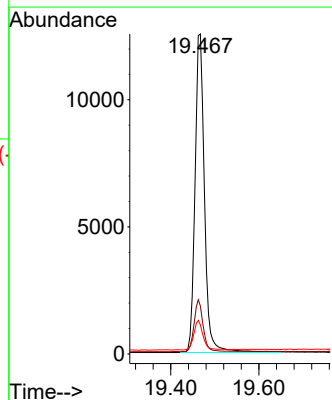
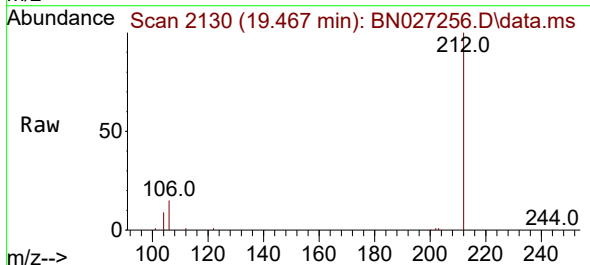
Instrument :
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RE132D3-20230821

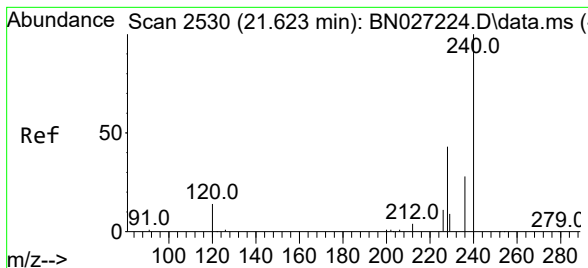
Tgt Ion:188 Resp: 14854
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.9 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.509 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BN027256.D
Acq: 30 Aug 2023 01:25

Tgt Ion:212 Resp: 18789
Ion Ratio Lower Upper
212 100
106 15.5 12.1 18.1
104 9.1 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: BN027256.D

Acq: 30 Aug 2023 01:25

Instrument :

BNA_N

ClientSampleId :

RE132D3-20230821

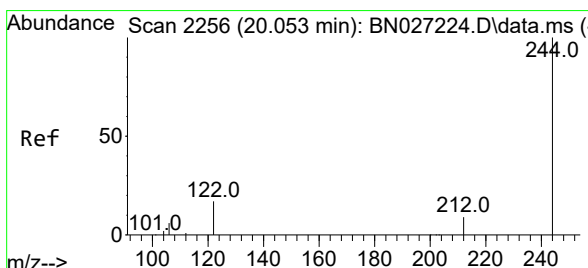
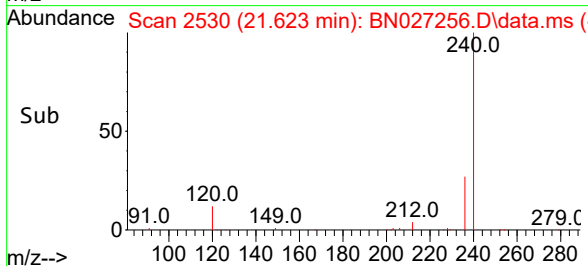
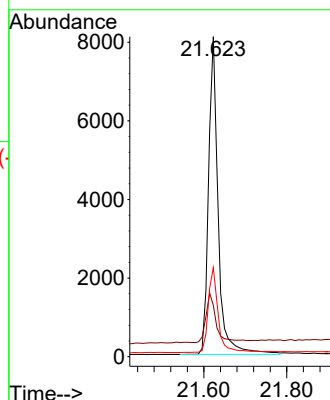
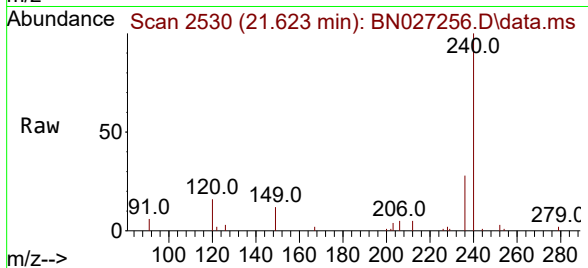
Tgt Ion:240 Resp: 13123

Ion Ratio Lower Upper

240 100

120 16.1 14.2 21.4

236 27.9 22.9 34.3



#31

Terphenyl-d14

Concen: 0.517 ng

RT: 20.048 min Scan# 2255

Delta R.T. -0.005 min

Lab File: BN027256.D

Acq: 30 Aug 2023 01:25

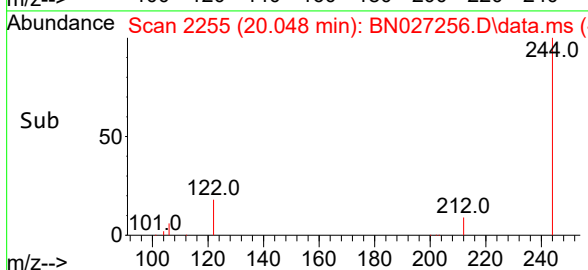
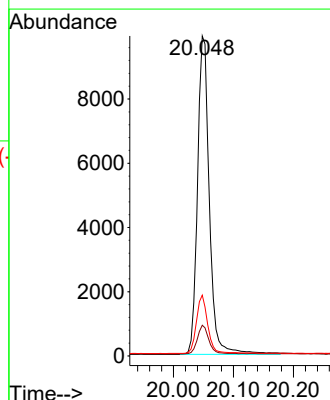
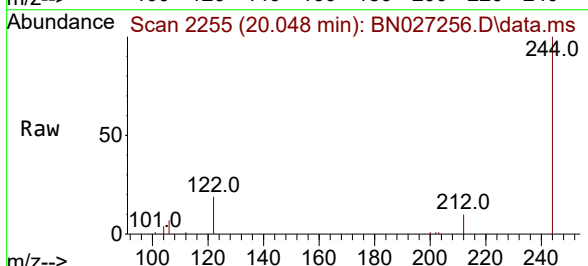
Tgt Ion:244 Resp: 13628

Ion Ratio Lower Upper

244 100

212 9.6 7.5 11.3

122 19.0 14.0 21.0

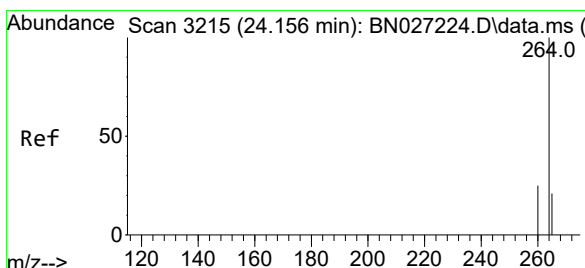
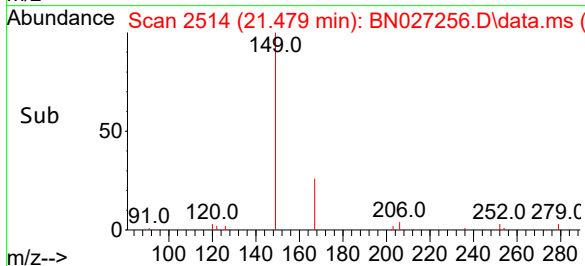
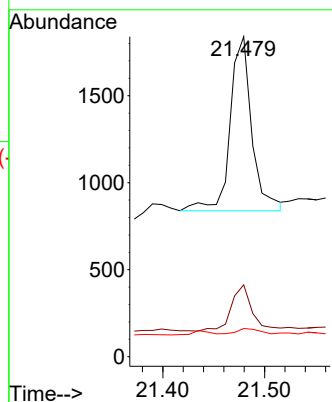
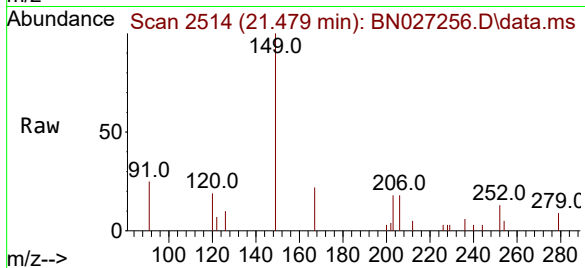




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.068 ng
 RT: 21.479 min Scan# 21478
 Delta R.T. -0.000 min
 Lab File: BN027256.D
 Acq: 30 Aug 2023 01:25

Instrument :
 BNA_N
 ClientSampleId :
 RE132D3-20230821

Tgt Ion:149 Resp: 1478
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.1 33.1
 279 3.2 2.7 4.1



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.153 min Scan# 3214
 Delta R.T. -0.003 min
 Lab File: BN027256.D
 Acq: 30 Aug 2023 01:25

Tgt Ion:264 Resp: 11744
 Ion Ratio Lower Upper
 264 100
 260 26.2 20.7 31.1
 265 79.7 53.3 79.9

