

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
 Data File : BN027257.D
 Acq On : 30 Aug 2023 02:02
 Operator : MA/JU
 Sample : 04126-23
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230821

Quant Time: Aug 30 03:52:28 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)

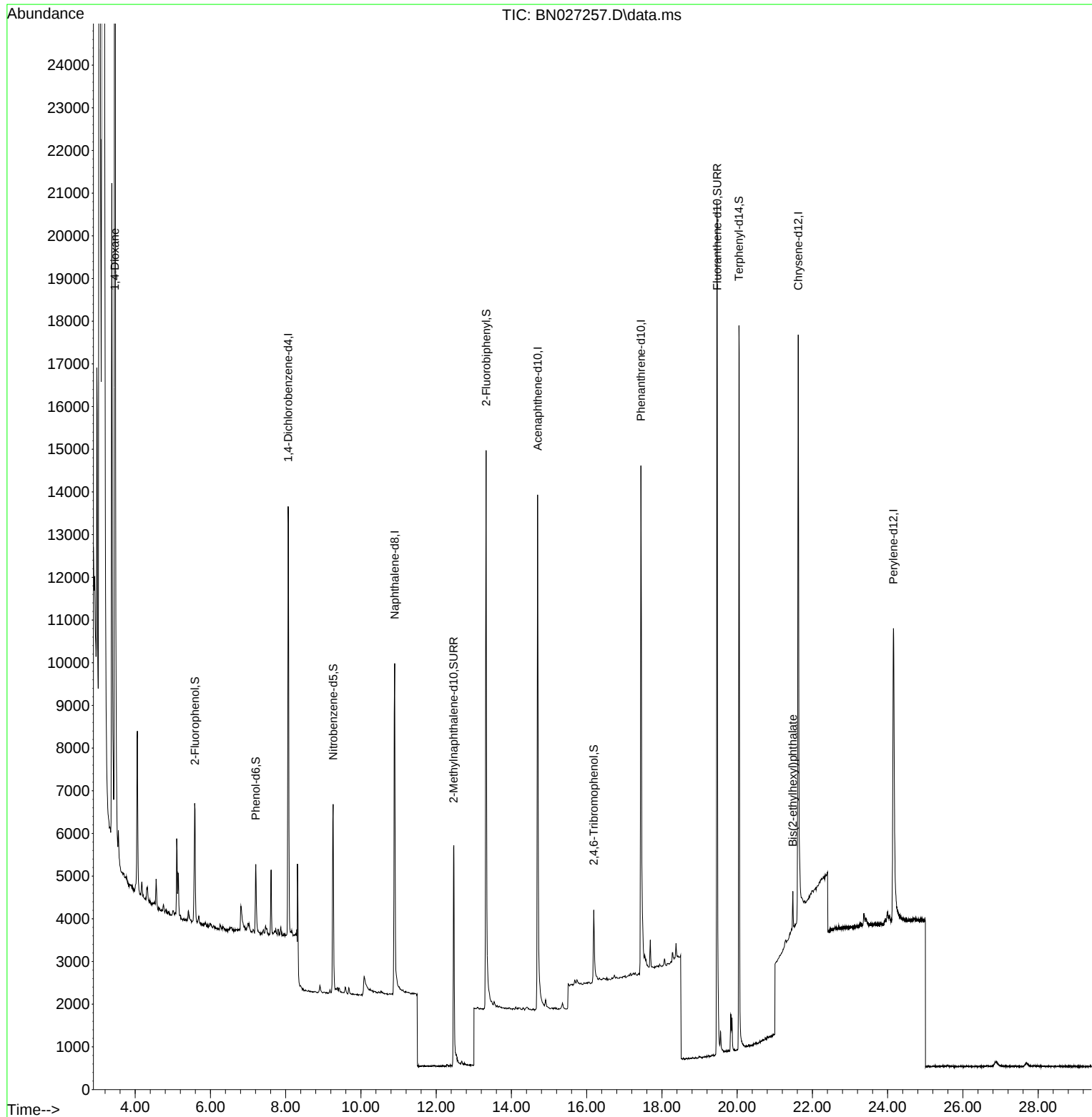
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4966	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	12293	0.400	ng	0.00
13) Acenaphthene-d10	14.694	164	8221	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	20191	0.400	ng	0.00
29) Chrysene-d12	21.623	240	15914	0.400	ng	0.00
35) Perylene-d12	24.153	264	13735	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	2377	0.184	ng	0.00
5) Phenol-d6	7.207	99	1675	0.106	ng	0.00
8) Nitrobenzene-d5	9.262	82	4134	0.461	ng	0.00
11) 2-Methylnaphthalene-d10	12.464	152	8357	0.463	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1239	0.407	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	12912	0.413	ng	0.00
27) Fluoranthene-d10	19.467	212	23999	0.478	ng	0.00
31) Terphenyl-d14	20.048	244	17566	0.549	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	37189	6.134	ng	94
34) Bis(2-ethylhexyl)phtha...	21.479	149	948	0.036	ng	99

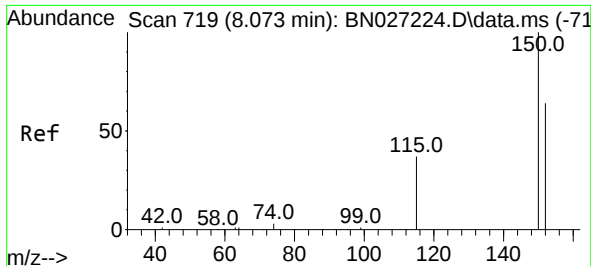
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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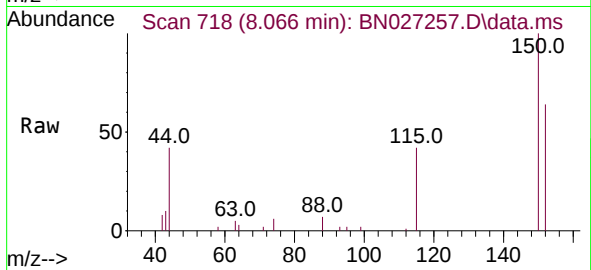
Quant Time: Aug 30 03:52:28 2023
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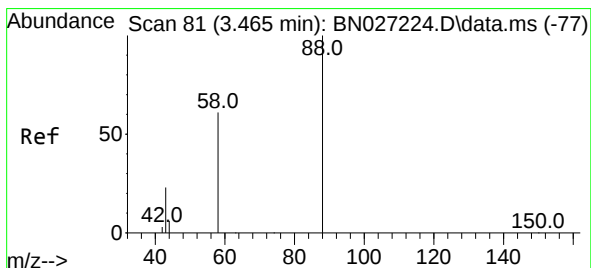
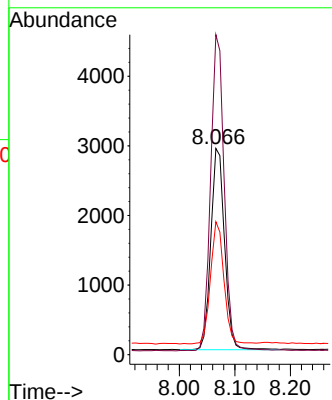
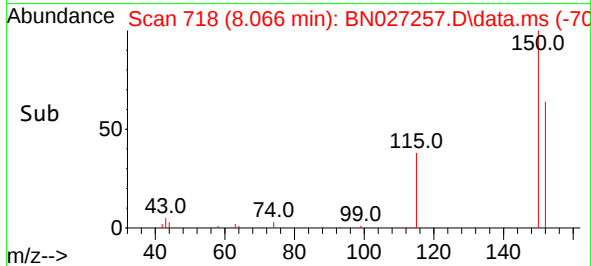


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027257.D
 Acq: 30 Aug 2023 02:02

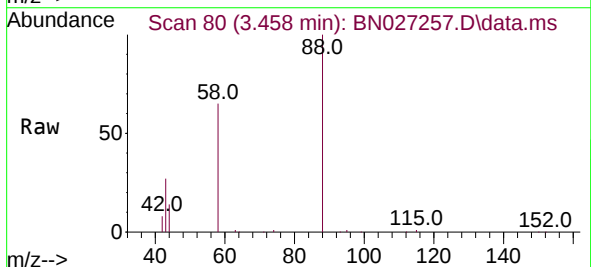
Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230821



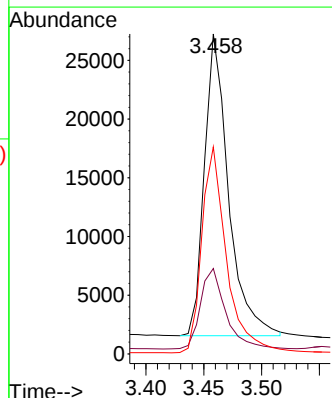
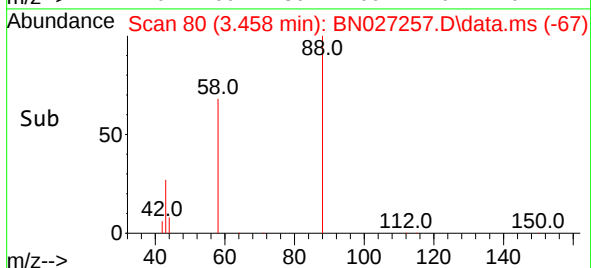
Tgt Ion:152 Resp: 4966
 Ion Ratio Lower Upper
 152 100
 150 155.2 122.7 184.1
 115 64.4 48.6 73.0

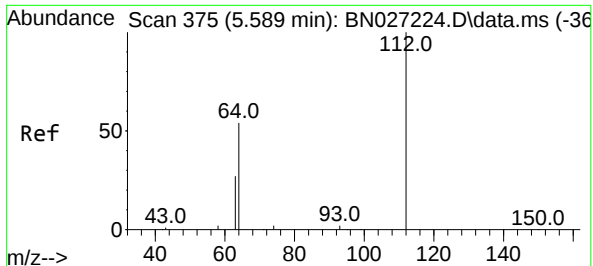


#2
 1,4-Dioxane
 Concen: 6.134 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027257.D
 Acq: 30 Aug 2023 02:02



Tgt Ion: 88 Resp: 37189
 Ion Ratio Lower Upper
 88 100
 43 27.8 19.1 28.7
 58 69.6 52.2 78.2





#4

2-Fluorophenol

Concen: 0.184 ng

RT: 5.589 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN027257.D

Acq: 30 Aug 2023 02:02

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230821

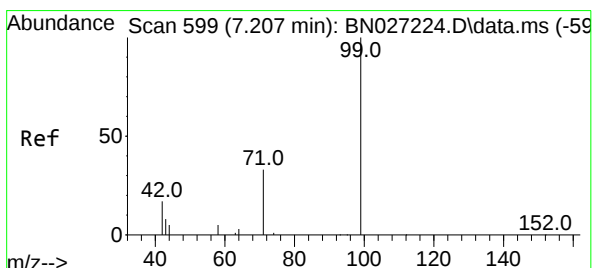
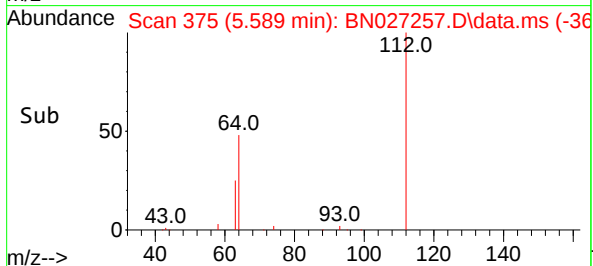
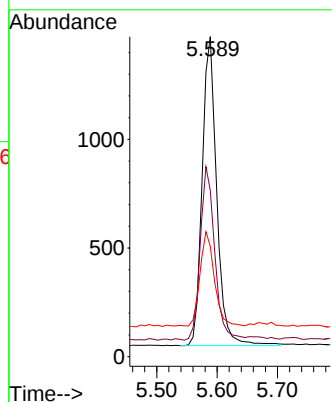
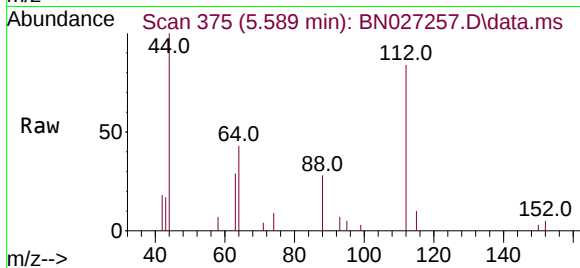
Tgt Ion:112 Resp: 2377

Ion Ratio Lower Upper

112 100

64 56.2 44.4 66.6

63 30.0 23.1 34.7



#5

Phenol-d6

Concen: 0.106 ng

RT: 7.207 min Scan# 599

Delta R.T. -0.000 min

Lab File: BN027257.D

Acq: 30 Aug 2023 02:02

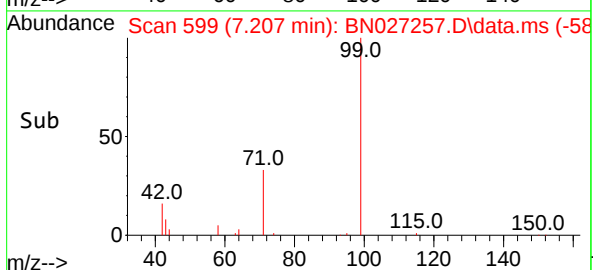
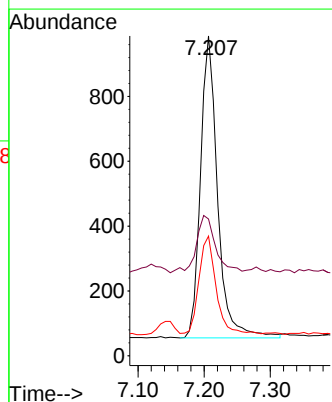
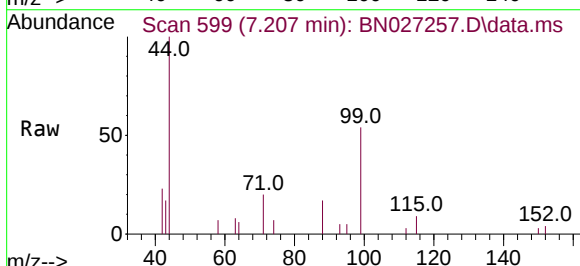
Tgt Ion: 99 Resp: 1675

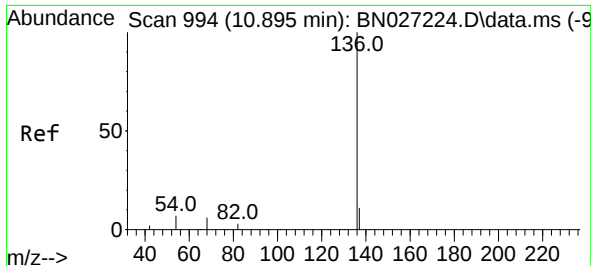
Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

71 32.1 25.8 38.6

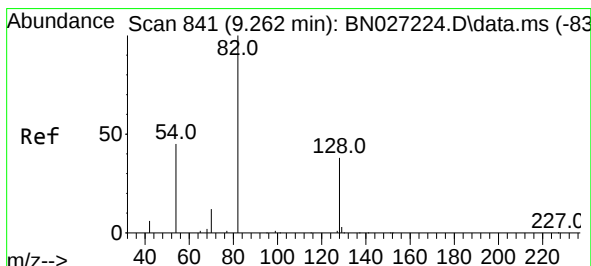
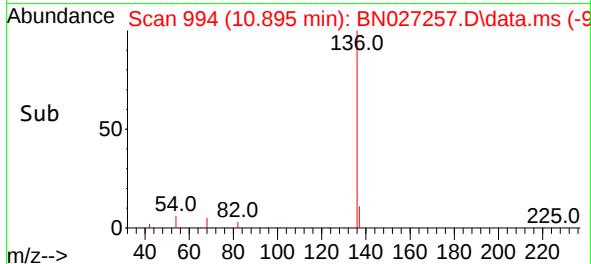
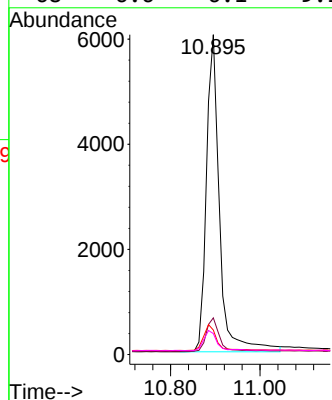
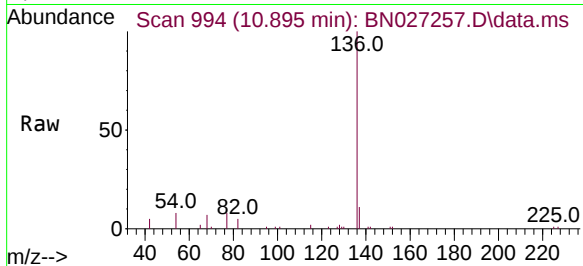




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.895 min Scan# 994
Delta R.T. -0.000 min
Lab File: BN027257.D
Acq: 30 Aug 2023 02:02

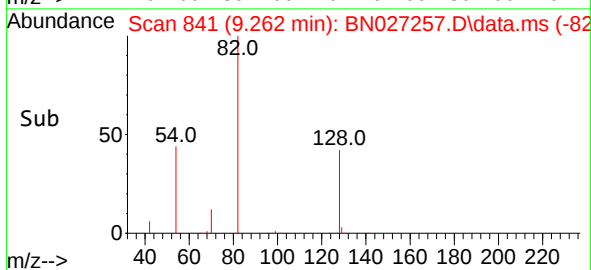
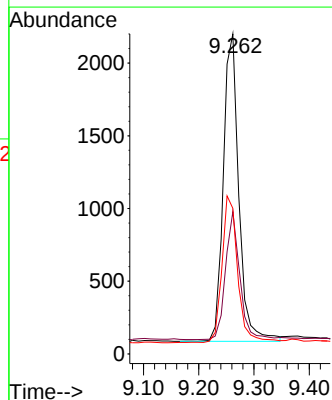
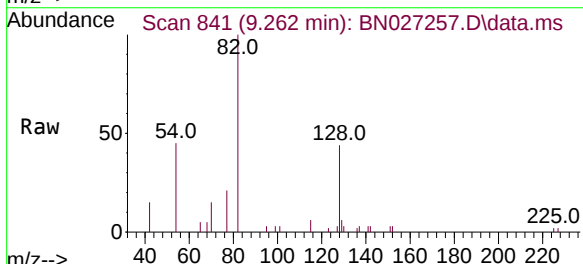
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821

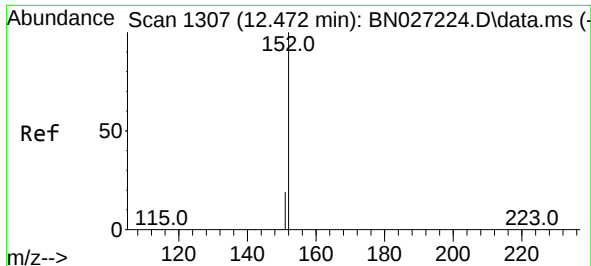
Tgt Ion:	136	Resp:	12293
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	7.7	6.7	10.1
68	6.6	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.461 ng
RT: 9.262 min Scan# 841
Delta R.T. -0.000 min
Lab File: BN027257.D
Acq: 30 Aug 2023 02:02

Tgt Ion:	82	Resp:	4134
Ion	Ratio	Lower	Upper
82	100		
128	44.4	33.4	50.0
54	45.5	37.7	56.5

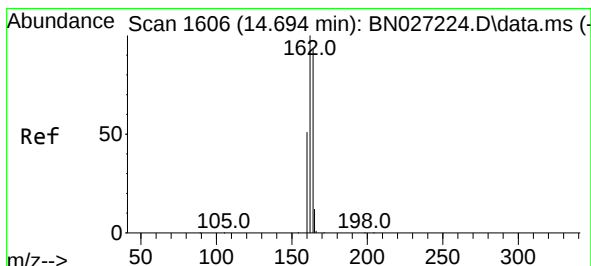
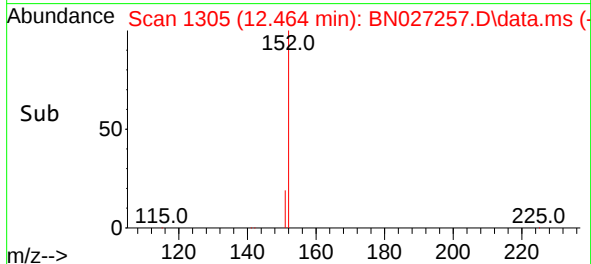
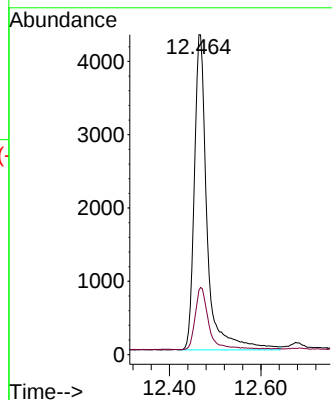
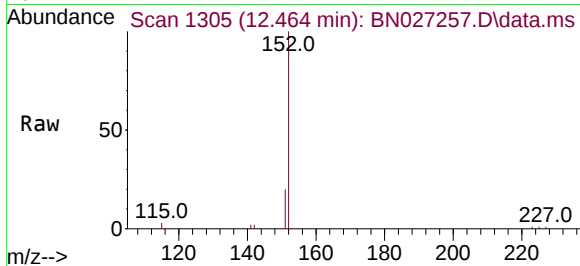




#11
2-Methylnaphthalene-d10
Concen: 0.463 ng
RT: 12.464 min Scan# 1305
Delta R.T. -0.008 min
Lab File: BN027257.D
Acq: 30 Aug 2023 02:02

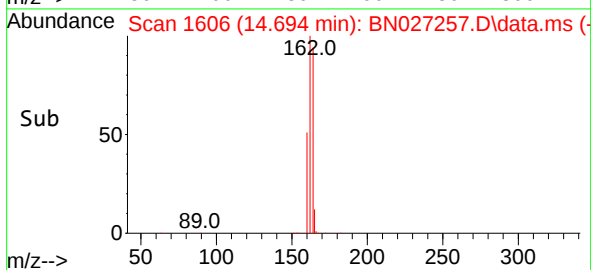
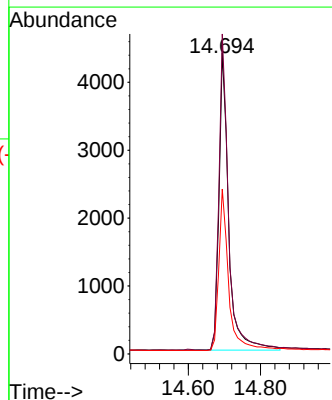
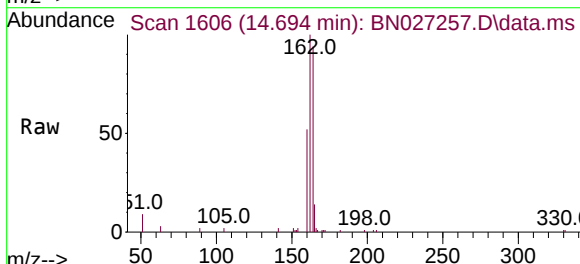
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821

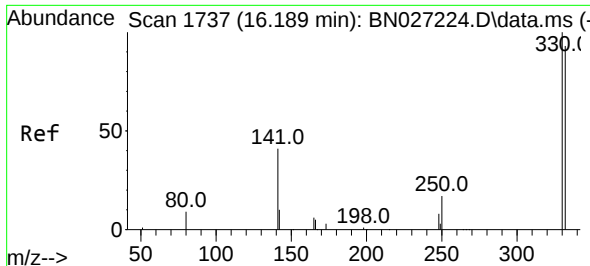
Tgt Ion:152 Resp: 8357
Ion Ratio Lower Upper
152 100
151 20.1 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN027257.D
Acq: 30 Aug 2023 02:02

Tgt Ion:164 Resp: 8221
Ion Ratio Lower Upper
164 100
162 106.3 85.8 128.8
160 54.8 44.2 66.2

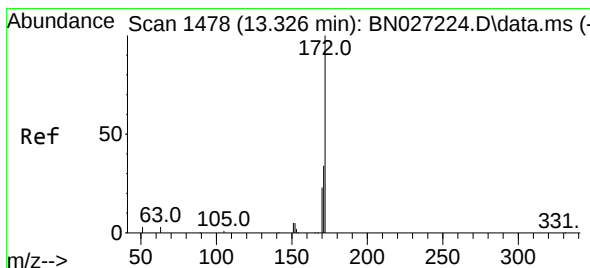
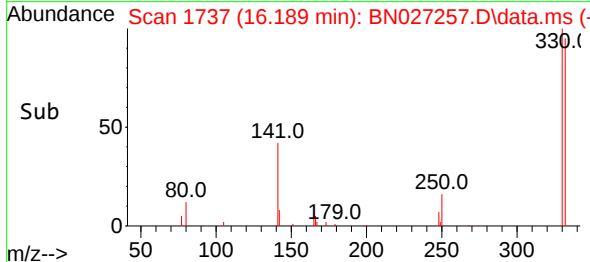
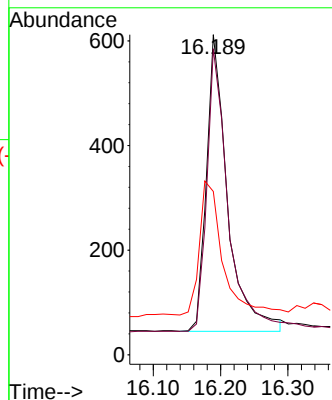
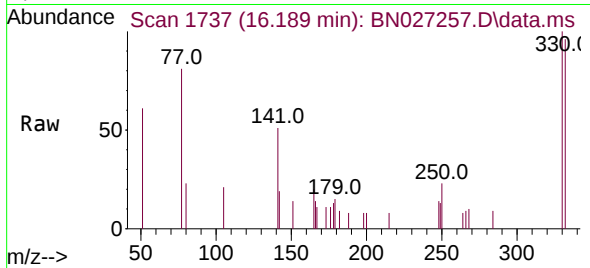




#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 16.189 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BN027257.D
Acq: 30 Aug 2023 02:02

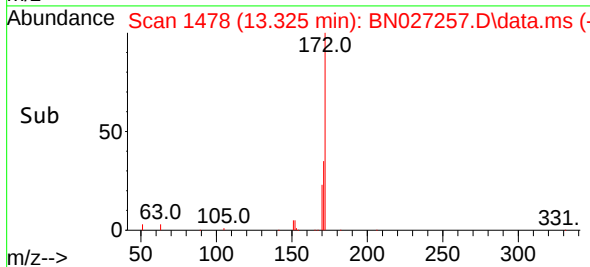
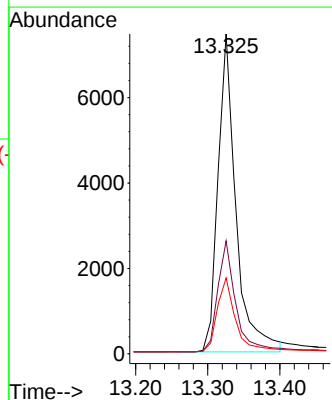
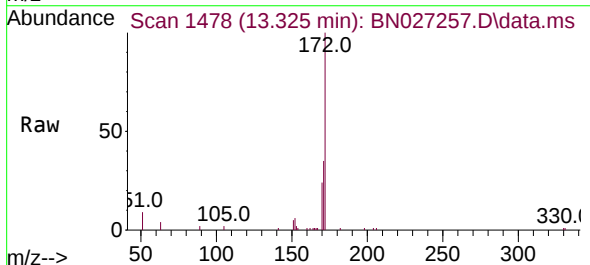
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821

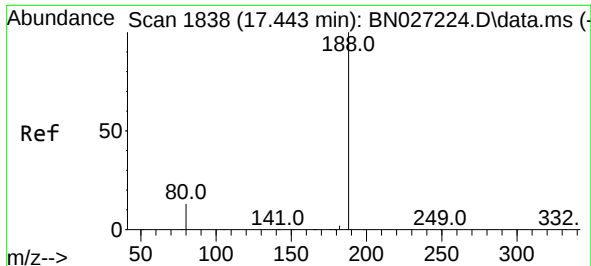
Tgt Ion:330 Resp: 1239
Ion Ratio Lower Upper
330 100
332 95.2 75.2 112.8
141 48.7 36.2 54.4



#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027257.D
Acq: 30 Aug 2023 02:02

Tgt Ion:172 Resp: 12912
Ion Ratio Lower Upper
172 100
171 35.3 27.8 41.8
170 23.7 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: BN027257.D

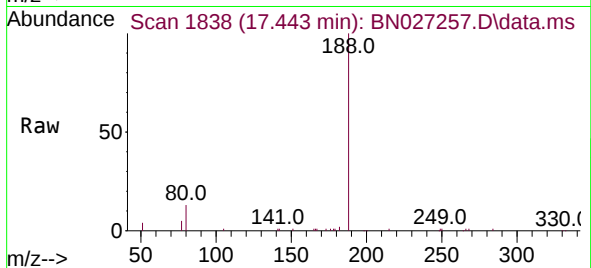
Acq: 30 Aug 2023 02:02

Instrument :

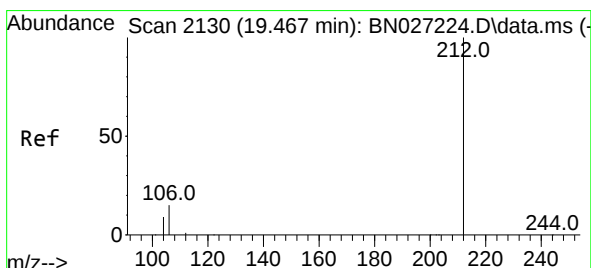
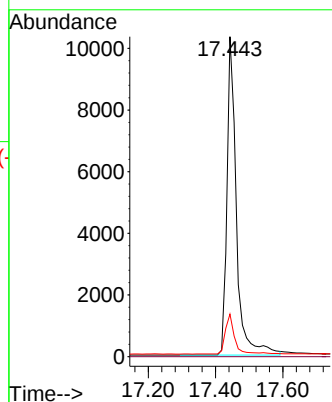
BNA_N

ClientSampleId :

RE132D2-20230821



Tgt Ion:188	Resp:	20191
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0
80	13.3	16.6



#27

Fluoranthene-d10

Concen: 0.478 ng

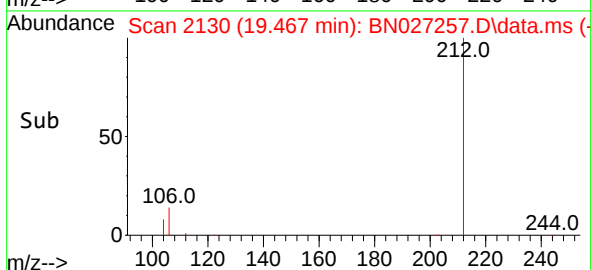
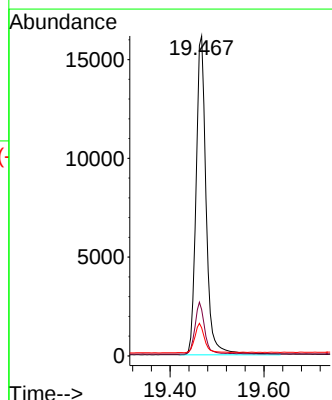
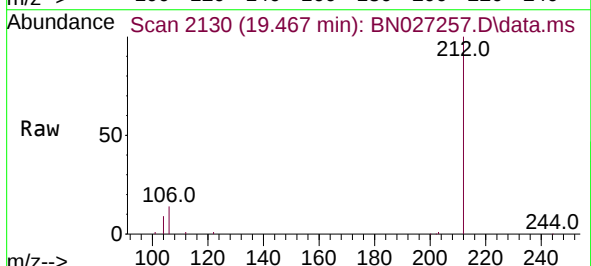
RT: 19.467 min Scan# 2130

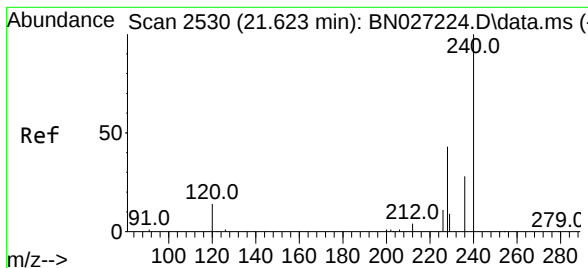
Delta R.T. -0.000 min

Lab File: BN027257.D

Acq: 30 Aug 2023 02:02

Tgt Ion:212	Resp:	23999
Ion Ratio	Lower	Upper
212	100	
106	15.5	18.1
104	8.9	10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.623 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027257.D

Acq: 30 Aug 2023 02:02

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230821

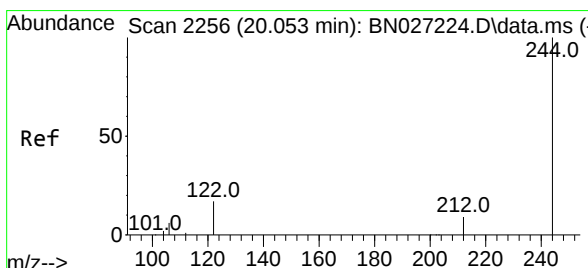
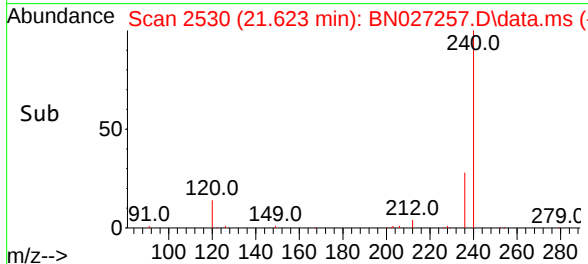
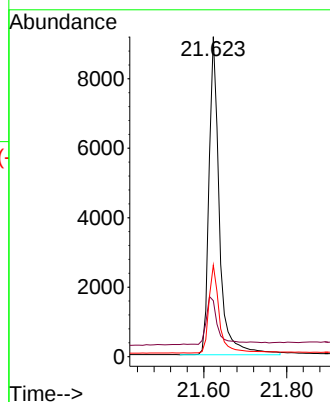
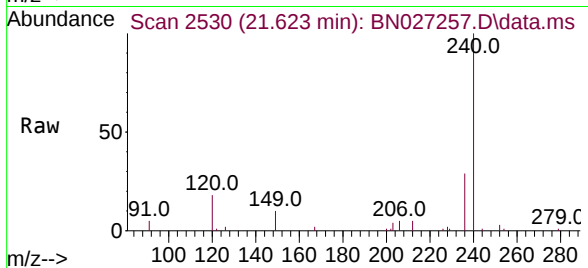
Tgt Ion:240 Resp: 15914

Ion Ratio Lower Upper

240 100

120 17.5 14.2 21.4

236 28.6 22.9 34.3



#31

Terphenyl-d14

Concen: 0.549 ng

RT: 20.048 min Scan# 2255

Delta R.T. -0.005 min

Lab File: BN027257.D

Acq: 30 Aug 2023 02:02

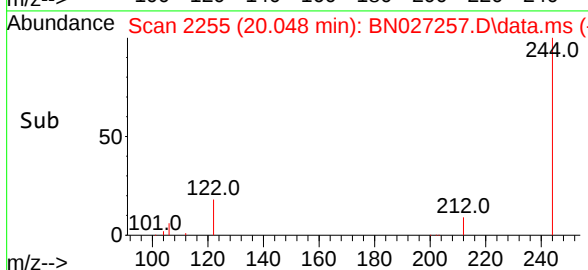
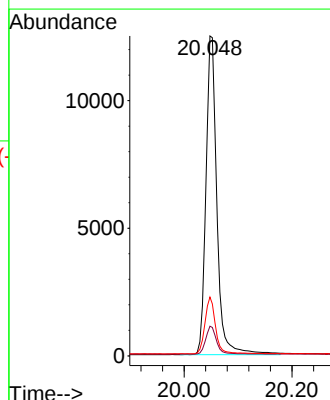
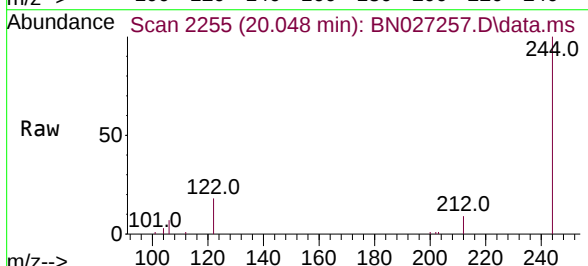
Tgt Ion:244 Resp: 17566

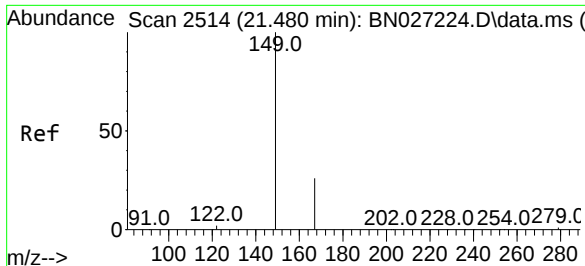
Ion Ratio Lower Upper

244 100

212 9.3 7.5 11.3

122 18.4 14.0 21.0

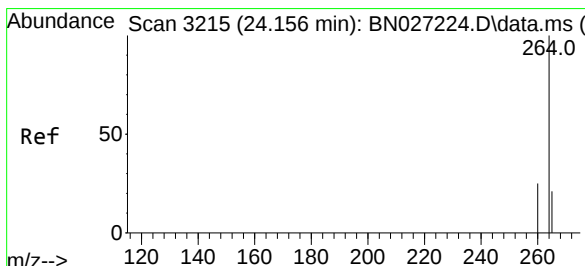
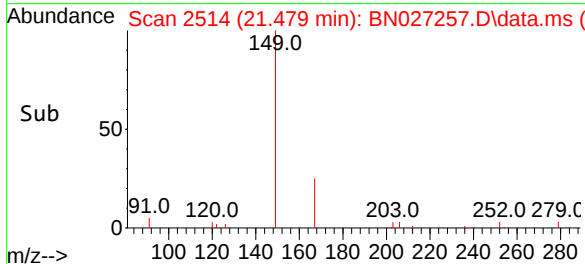
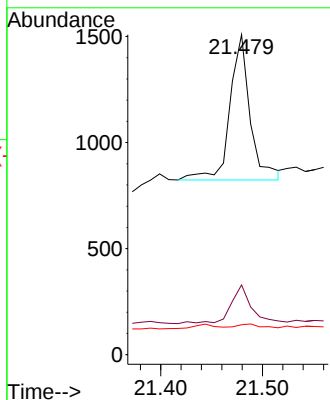
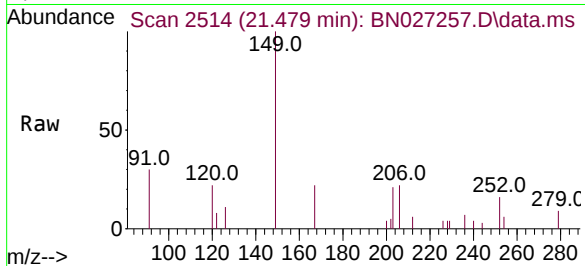




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.036 ng
 RT: 21.479 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: BN027257.D
 Acq: 30 Aug 2023 02:02

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230821

Tgt Ion:149 Resp: 948
 Ion Ratio Lower Upper
 149 100
 167 27.8 22.1 33.1
 279 3.1 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: BN027257.D
 Acq: 30 Aug 2023 02:02

Tgt Ion:264 Resp: 13735
 Ion Ratio Lower Upper
 264 100
 260 26.9 20.7 31.1
 265 71.0 53.3 79.9

