

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
 Data File : BN027323.D
 Acq On : 31 Aug 2023 23:45
 Operator : MA/JU
 Sample : 04126-23DL 5X
 Misc :
 ALS Vial : 104 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D2-20230821DL

Quant Time: Sep 01 04:04:30 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)

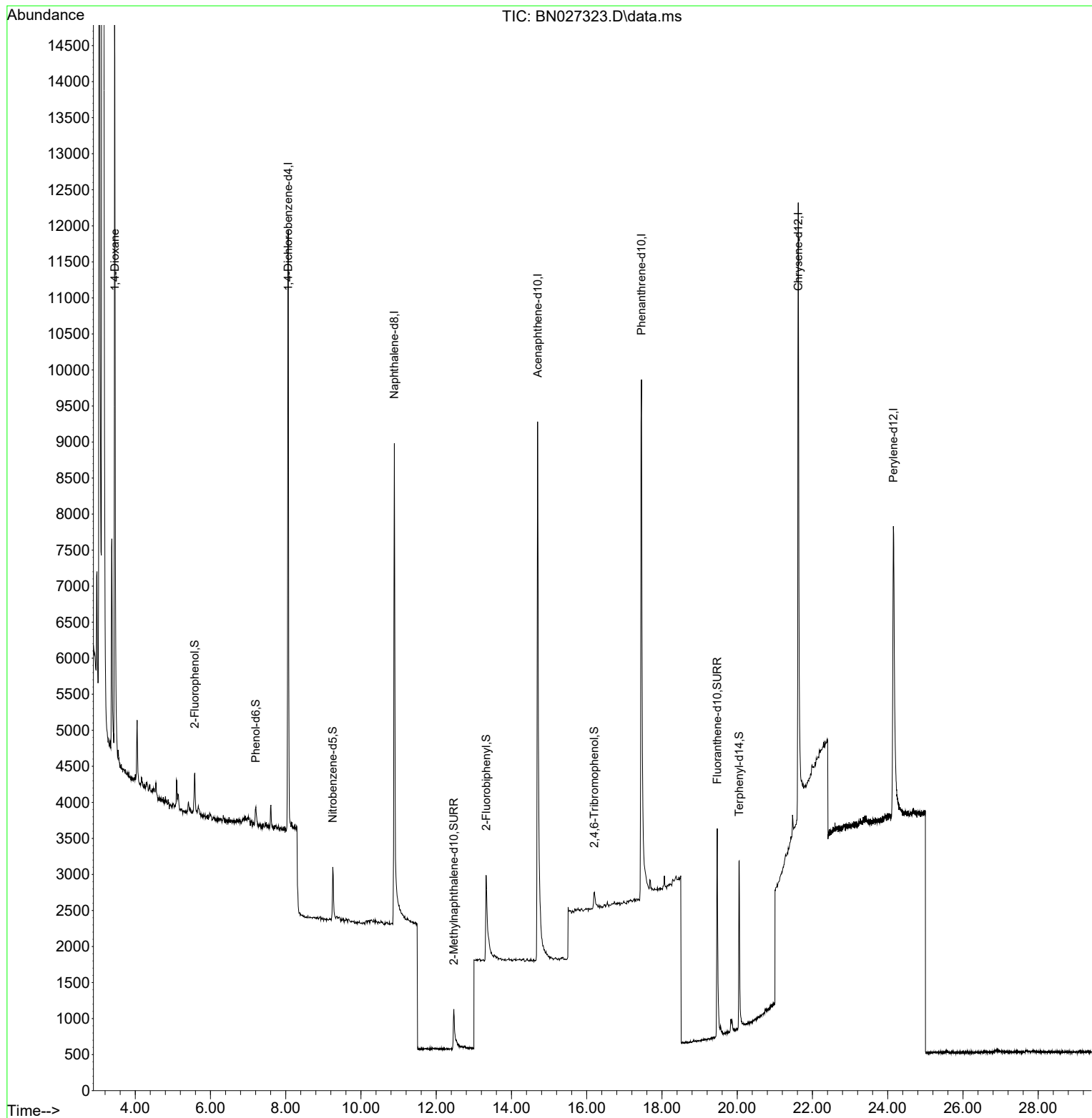
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4425	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	11199	0.400	ng	-0.01
13) Acenaphthene-d10	14.694	164	7038	0.400	ng	0.00
19) Phenanthrene-d10	17.455	188	16664	0.400	ng	0.01
29) Chrysene-d12	21.623	240	11788	0.400	ng	0.00
35) Perylene-d12	24.153	264	9557	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	501	0.043	ng	0.00
5) Phenol-d6	7.207	99	318	0.023	ng	0.00
8) Nitrobenzene-d5	9.251	82	753	0.092	ng	-0.01
11) 2-Methylnaphthalene-d10	12.468	152	1191	0.072	ng	0.00
14) 2,4,6-Tribromophenol	16.201	330	241	0.093	ng	0.01
15) 2-Fluorobiphenyl	13.325	172	2022	0.076	ng	0.00
27) Fluoranthene-d10	19.467	212	4363	0.105	ng	0.00
31) Terphenyl-d14	20.052	244	2978	0.126	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.458	88	7642	1.415	ng	Qvalue # 92

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

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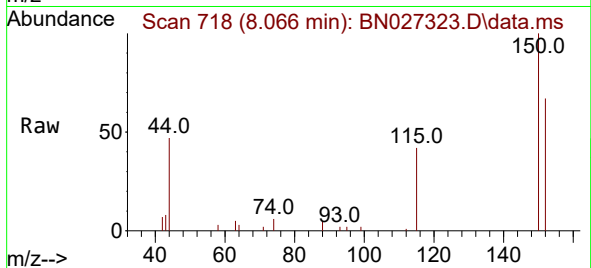
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration



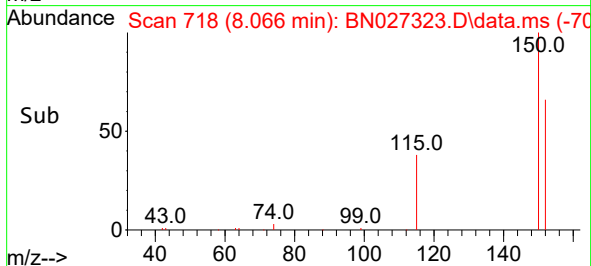
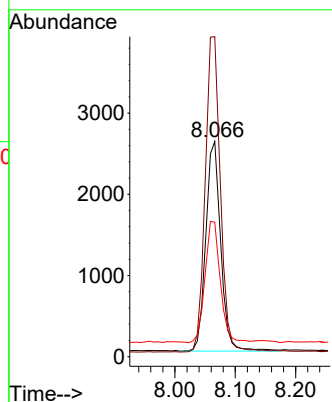


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.066 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BN027323.D
 Acq: 31 Aug 2023 23:45

Instrument :
 BNA_N
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 RE132D2-20230821DL

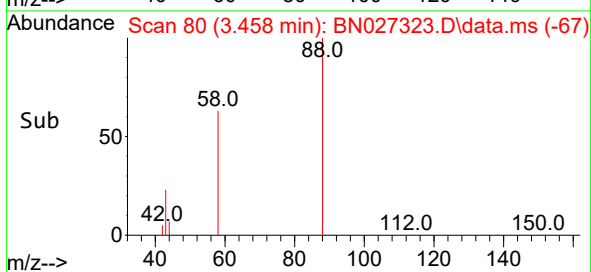
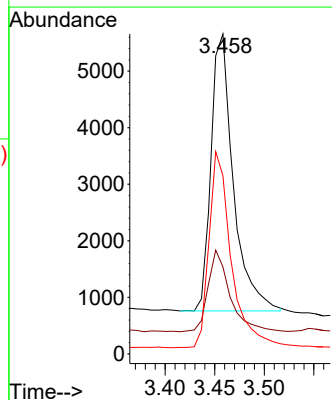
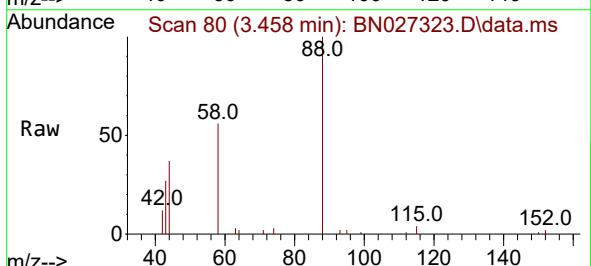


Tgt Ion:152 Resp: 4425
 Ion Ratio Lower Upper
 152 100
 150 148.7 122.7 184.1
 115 62.4 48.6 73.0



#2
 1,4-Dioxane
 Concen: 1.415 ng
 RT: 3.458 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BN027323.D
 Acq: 31 Aug 2023 23:45

Tgt Ion: 88 Resp: 7642
 Ion Ratio Lower Upper
 88 100
 43 29.0 19.1 28.7#
 58 71.0 52.2 78.2





#4

2-Fluorophenol

Concen: 0.043 ng

RT: 5.582 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN027323.D

Acq: 31 Aug 2023 23:45

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230821DL

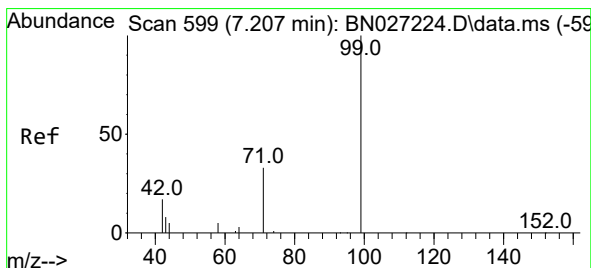
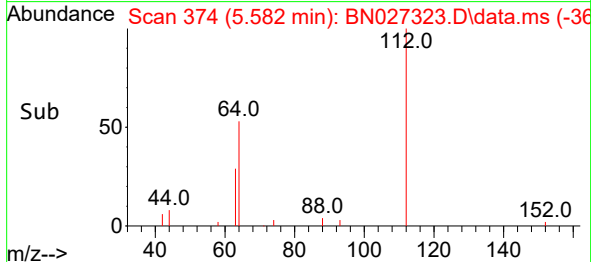
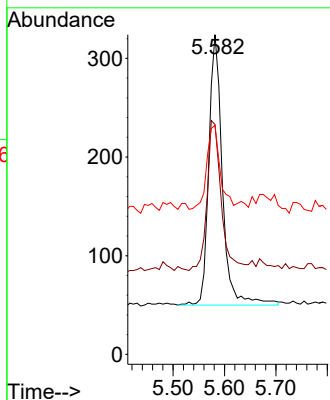
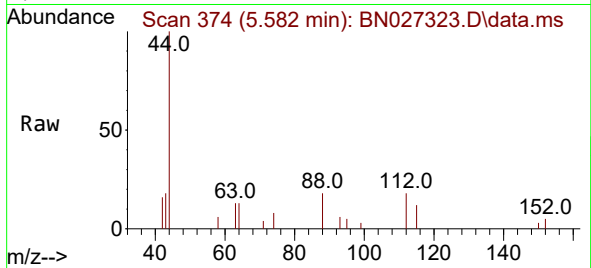
Tgt Ion:112 Resp: 501

Ion Ratio Lower Upper

112 100

64 57.1 44.4 66.6

63 31.1 23.1 34.7



#5

Phenol-d6

Concen: 0.023 ng

RT: 7.207 min Scan# 599

Delta R.T. -0.000 min

Lab File: BN027323.D

Acq: 31 Aug 2023 23:45

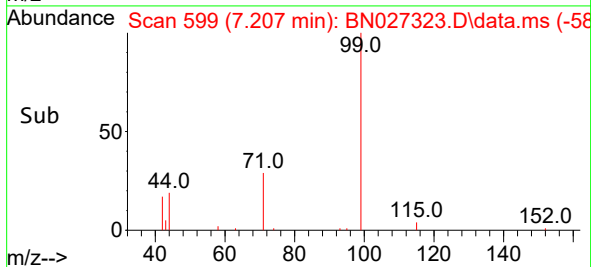
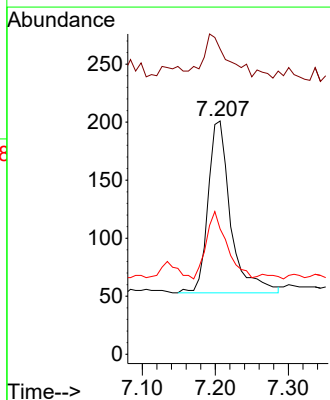
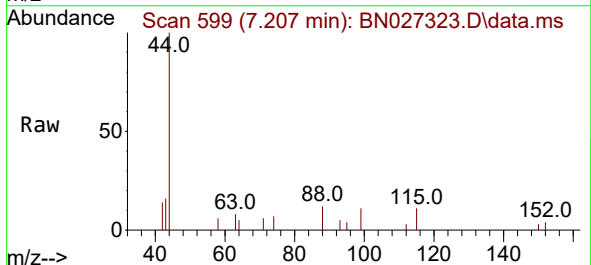
Tgt Ion: 99 Resp: 318

Ion Ratio Lower Upper

99 100

42 29.2 14.5 21.7#

71 35.8 25.8 38.6

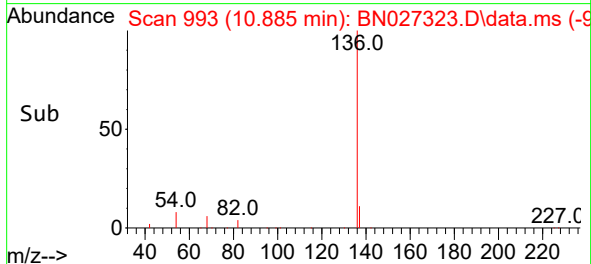
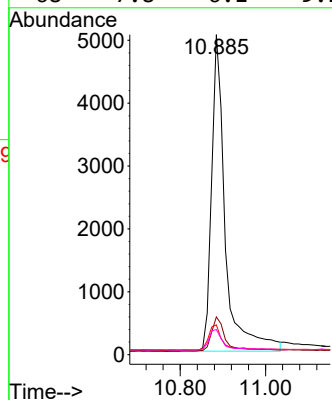
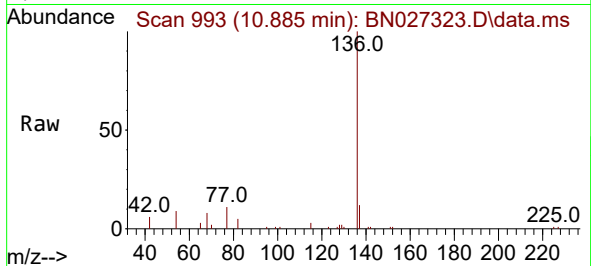




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.885 min Scan# 994
Delta R.T. -0.011 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

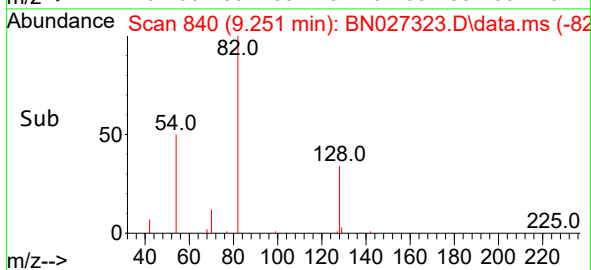
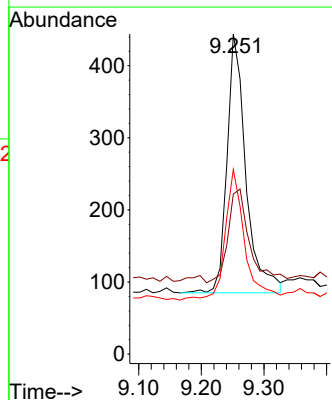
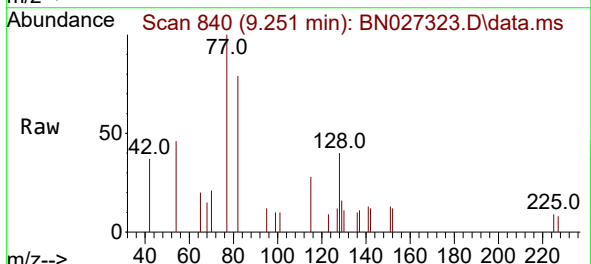
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821DL

Tgt Ion:	136	Resp:	11199
Ion Ratio	Lower	Upper	
136	100		
137	11.8	9.3	13.9
54	9.3	6.7	10.1
68	7.8	6.1	9.1



#8
Nitrobenzene-d5
Concen: 0.092 ng
RT: 9.251 min Scan# 840
Delta R.T. -0.011 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

Tgt Ion:	82	Resp:	753
Ion Ratio	Lower	Upper	
82	100		
128	50.0	33.4	50.0
54	57.7	37.7	56.5

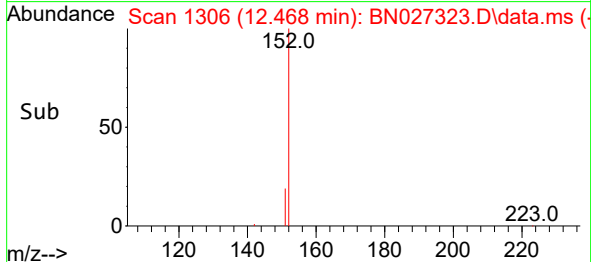
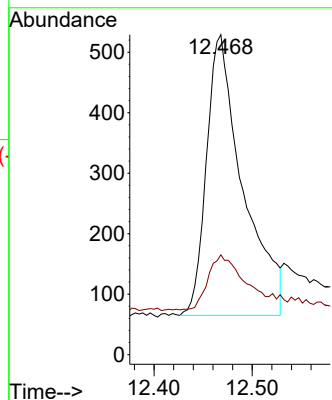
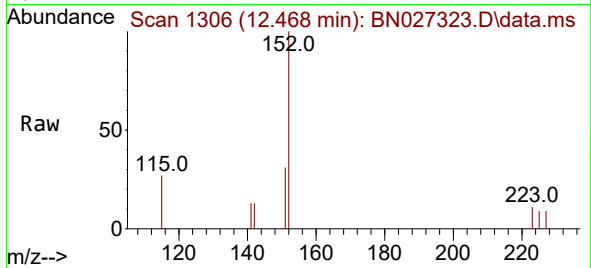




#11
2-Methylnaphthalene-d10
Concen: 0.072 ng
RT: 12.468 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

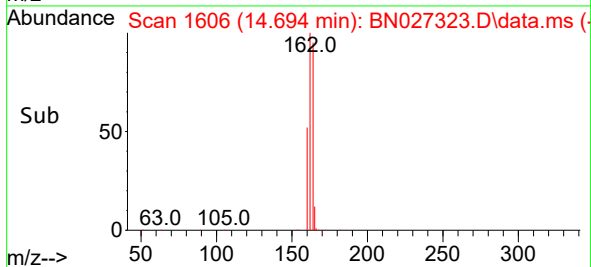
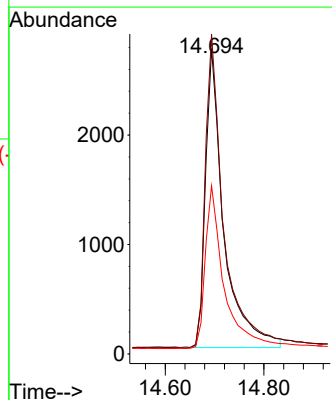
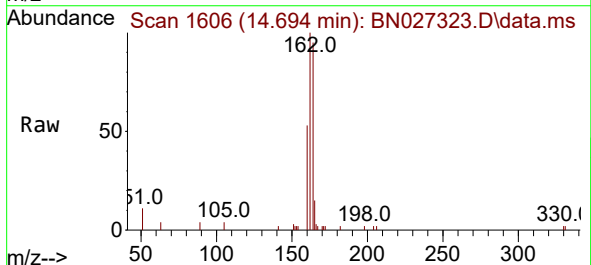
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821DL

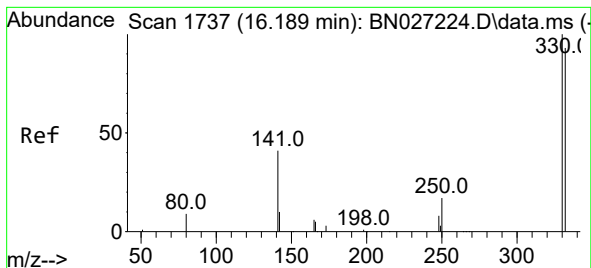
Tgt Ion:152 Resp: 1191
Ion Ratio Lower Upper
152 100
151 19.7 16.6 25.0



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.694 min Scan# 1606
Delta R.T. -0.000 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

Tgt Ion:164 Resp: 7038
Ion Ratio Lower Upper
164 100
162 104.8 85.8 128.8
160 55.1 44.2 66.2

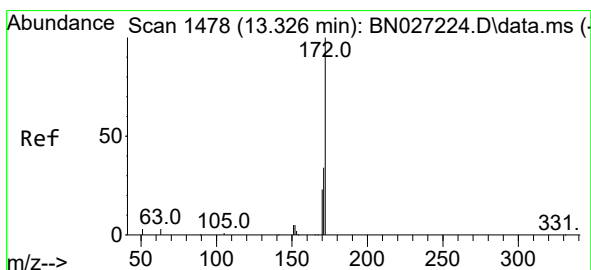
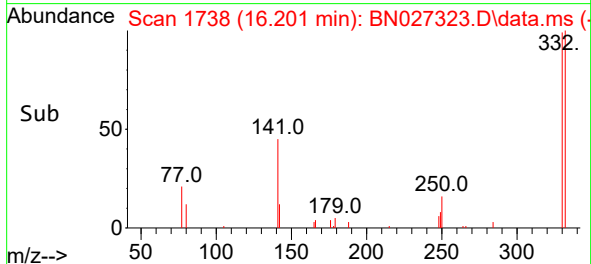
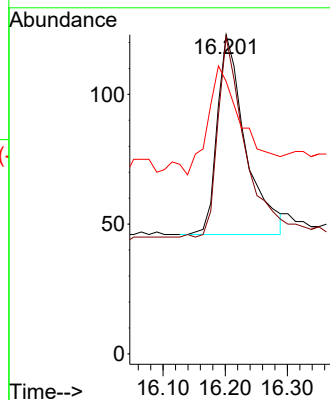
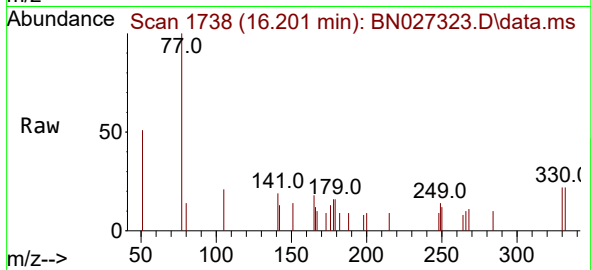




#14
2,4,6-Tribromophenol
Concen: 0.093 ng
RT: 16.201 min Scan# 1738
Delta R.T. 0.012 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

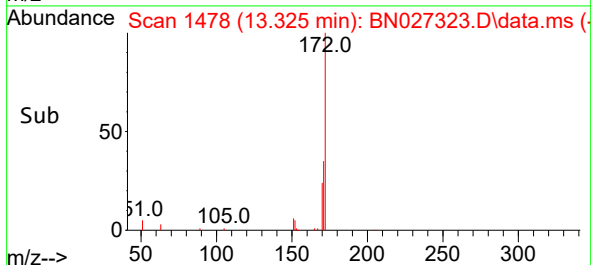
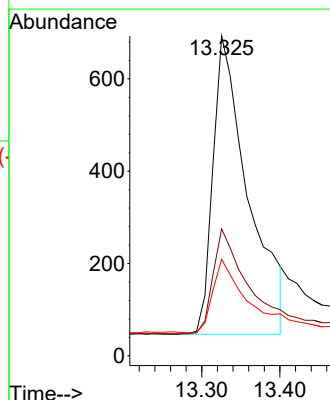
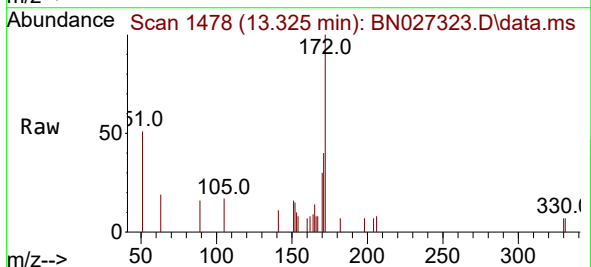
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821DL

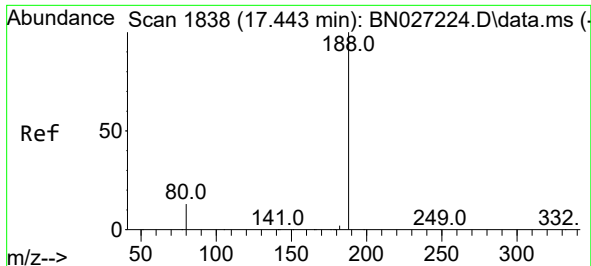
Tgt Ion:330 Resp: 241
Ion Ratio Lower Upper
330 100
332 96.3 75.2 112.8
141 68.0 36.2 54.4#



#15
2-Fluorobiphenyl
Concen: 0.076 ng
RT: 13.325 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

Tgt Ion:172 Resp: 2022
Ion Ratio Lower Upper
172 100
171 39.7 27.8 41.8
170 30.2 19.3 28.9#

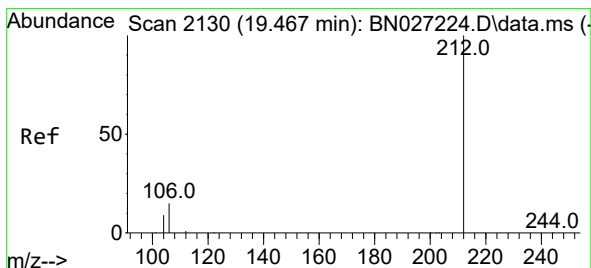
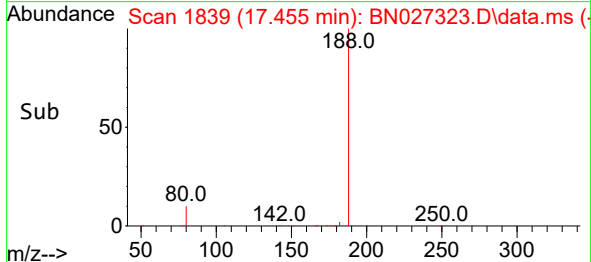
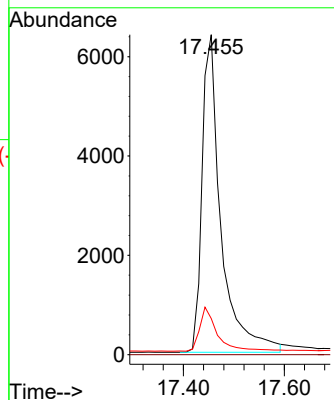
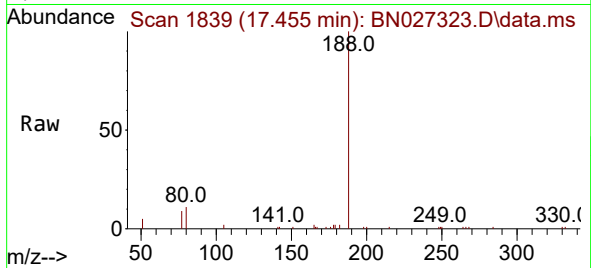




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.455 min Scan# 1839
Delta R.T. 0.012 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

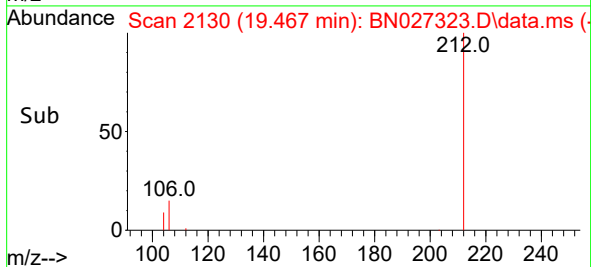
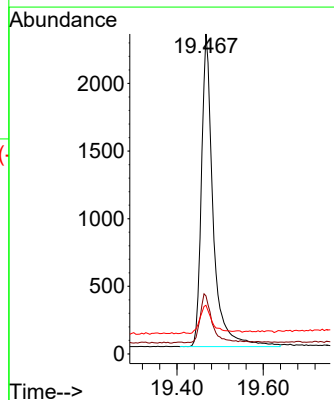
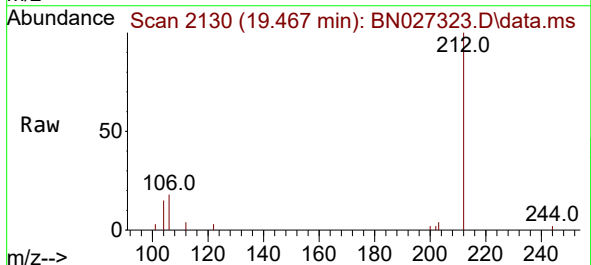
Instrument :
BNA_N
ClientSampleId :
RE132D2-20230821DL

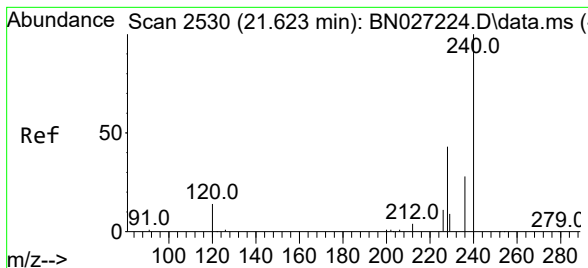
Tgt Ion:188 Resp: 16664
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.3 11.0 16.6



#27
Fluoranthene-d10
Concen: 0.105 ng
RT: 19.467 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BN027323.D
Acq: 31 Aug 2023 23:45

Tgt Ion:212 Resp: 4363
Ion Ratio Lower Upper
212 100
106 15.4 12.1 18.1
104 9.6 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: BN027323.D

Acq: 31 Aug 2023 23:45

Instrument :

BNA_N

ClientSampleId :

RE132D2-20230821DL

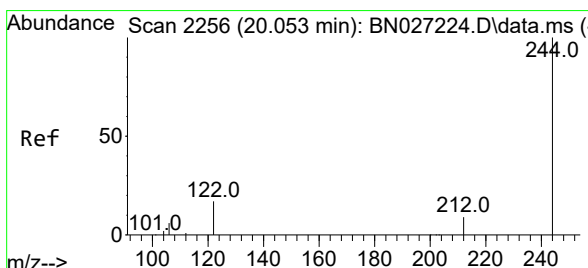
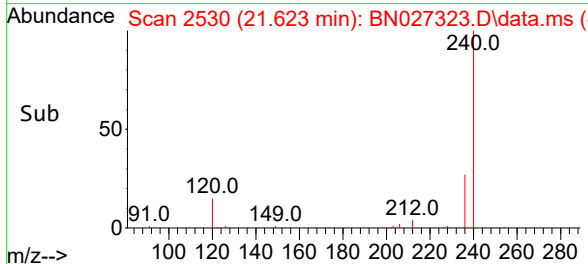
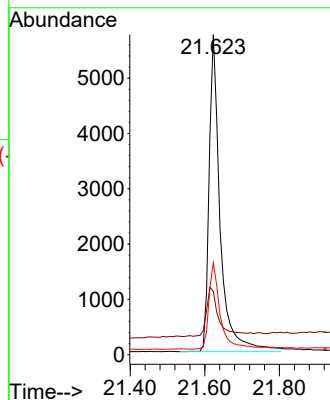
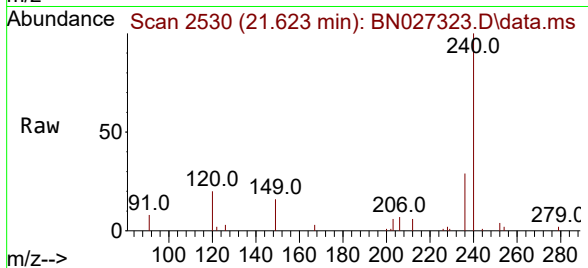
Tgt Ion:240 Resp: 11788

Ion Ratio Lower Upper

240 100

120 19.8 14.2 21.4

236 28.7 22.9 34.3



#31

Terphenyl-d14

Concen: 0.126 ng

RT: 20.052 min Scan# 2256

Delta R.T. -0.000 min

Lab File: BN027323.D

Acq: 31 Aug 2023 23:45

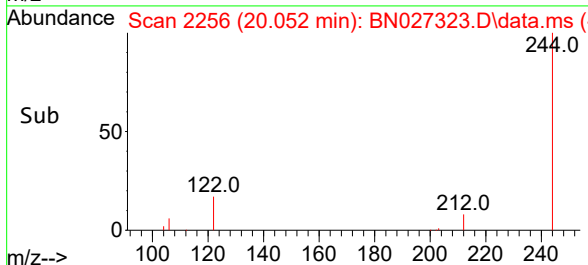
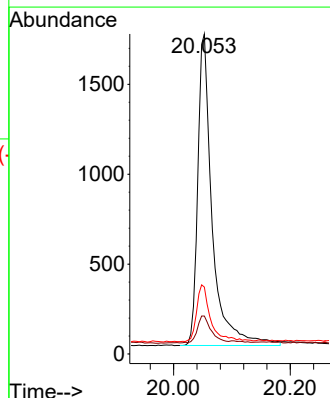
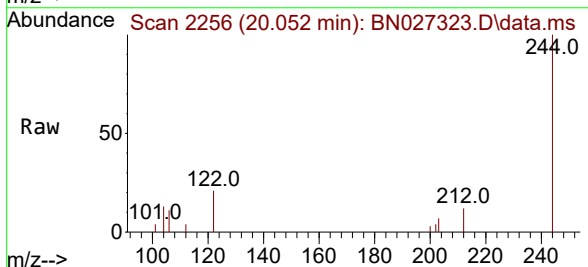
Tgt Ion:244 Resp: 2978

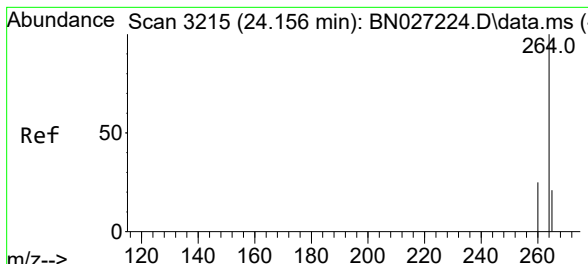
Ion Ratio Lower Upper

244 100

212 11.9 7.5 11.3#

122 20.9 14.0 21.0





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.153 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BN027323.D
 Acq: 31 Aug 2023 23:45

Instrument :
 BNA_N
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 RE132D2-20230821DL

Tgt Ion:264 Resp: 9557

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.7	31.1
265	100.6	53.3	79.9

