

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
 Data File : BN025723.D
 Acq On : 30 May 2023 18:58
 Operator : CG/JU
 Sample : 02880-02DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20230517DL

Quant Time: May 31 04:47:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 29 00:47:45 2023
 Response via : Initial Calibration

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

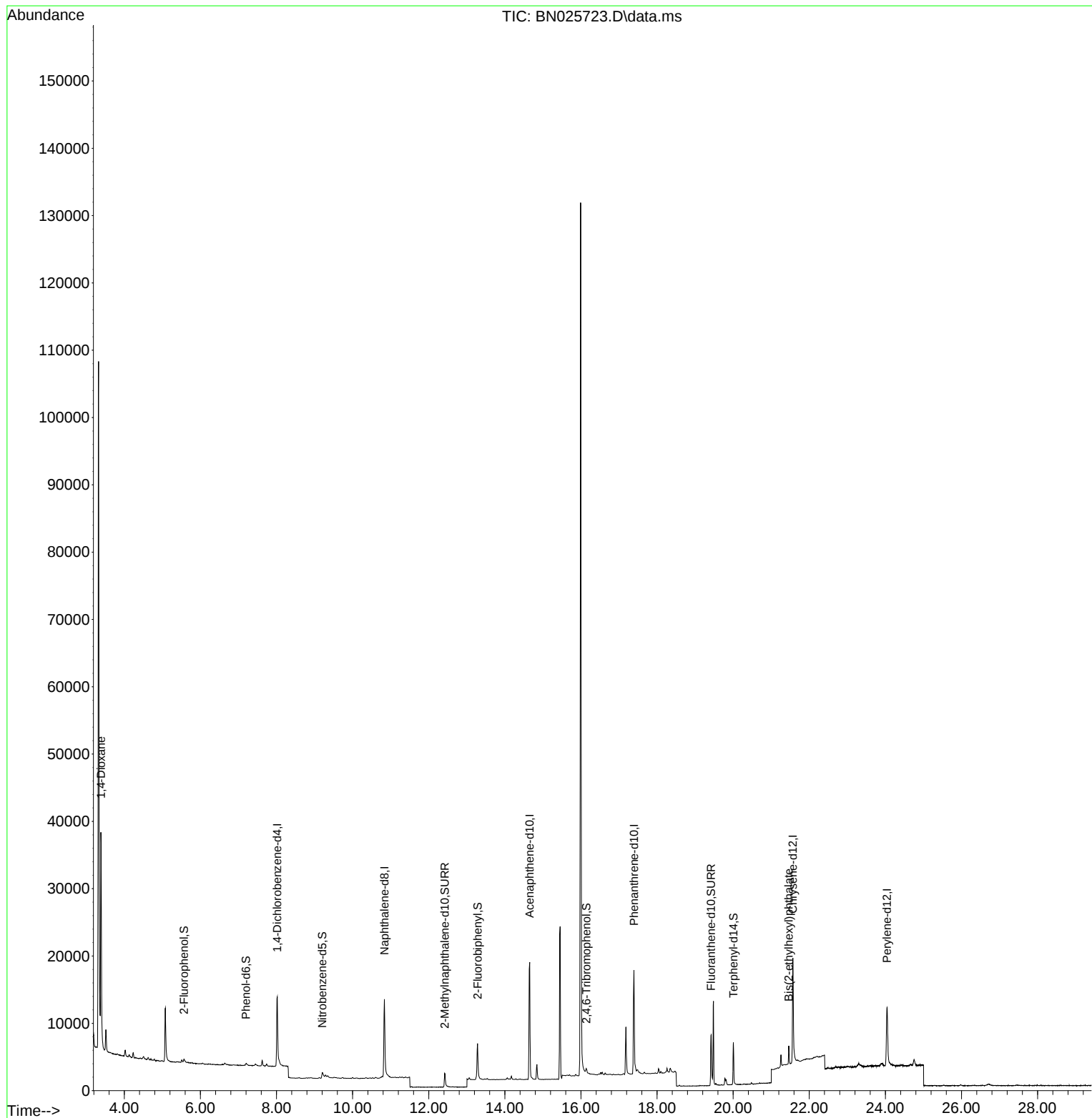
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.019	152	6551	0.400	ng	0.00
7) Naphthalene-d8	10.835	136	19302	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	11529	0.400	ng	0.00
19) Phenanthrene-d10	17.393	188	23904	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	17175	0.400	ng	0.00
35) Perylene-d12	24.042	264	15410	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.571	112	808	0.048	ng	0.01
5) Phenol-d6	7.196	99	502	0.025	ng	0.02
8) Nitrobenzene-d5	9.202	82	1580	0.098	ng	0.01
11) 2-Methylnaphthalene-d10	12.419	152	3950	0.143	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	414	0.178	ng	-0.01
15) 2-Fluorobiphenyl	13.283	172	5832	0.123	ng	0.00
27) Fluoranthene-d10	19.421	212	9731	0.180	ng	0.00
31) Terphenyl-d14	20.006	244	6297	0.167	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.390	88	21808	2.875	ng	99
34) Bis(2-ethylhexyl)phtha...	21.462	149	2631	0.068	ng	# 95

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

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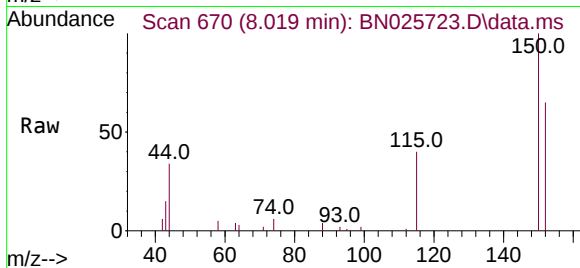
Quant Time: May 31 04:47:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
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Response via : Initial Calibration



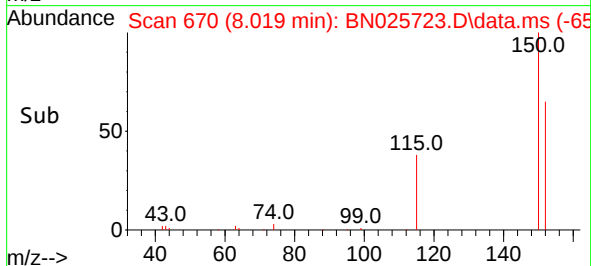
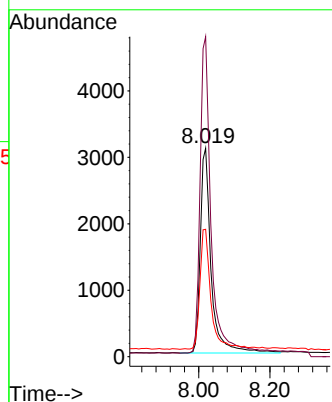


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.019 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Instrument :
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ClientSampleId :
RE132D5-20230517DL

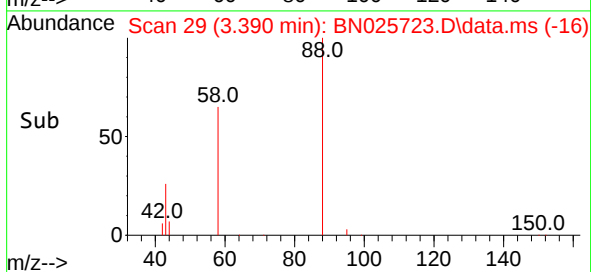
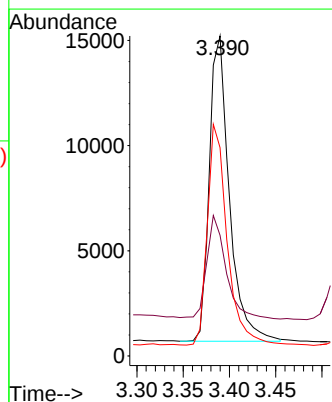
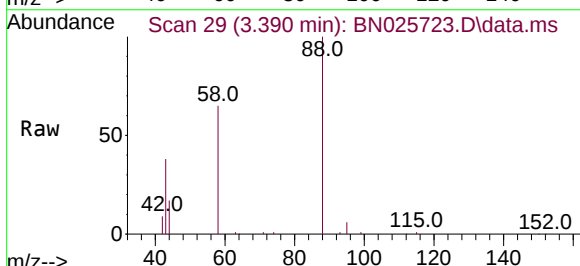


Tgt Ion:152 Resp: 6551
Ion Ratio Lower Upper
152 100
150 153.4 121.0 181.6
115 61.1 48.5 72.7



#2
1,4-Dioxane
Concen: 2.875 ng
RT: 3.390 min Scan# 29
Delta R.T. -0.007 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Tgt Ion: 88 Resp: 21808
Ion Ratio Lower Upper
88 100
43 32.8 26.5 39.7
58 71.5 56.8 85.2

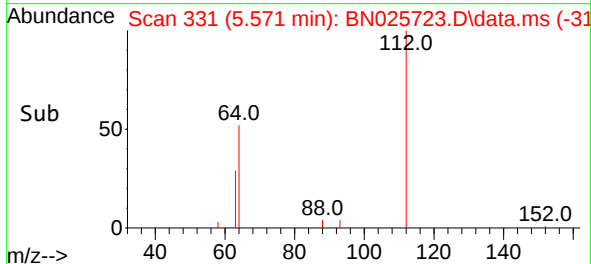
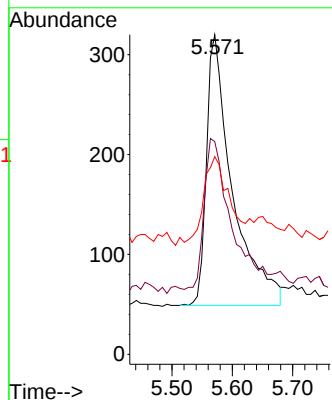
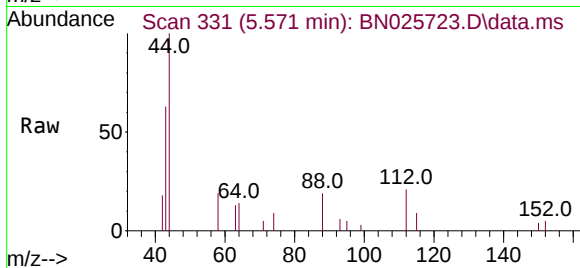




#4
2-Fluorophenol
Concen: 0.048 ng
RT: 5.571 min Scan# 31
Delta R.T. 0.014 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

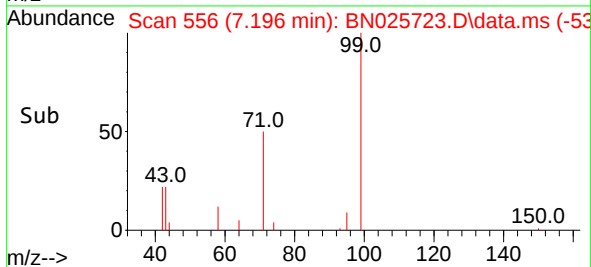
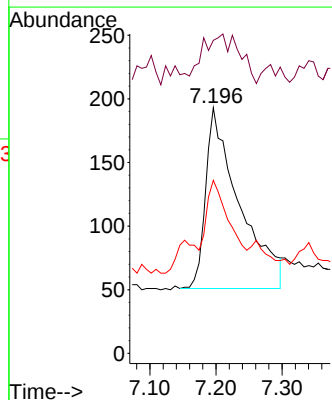
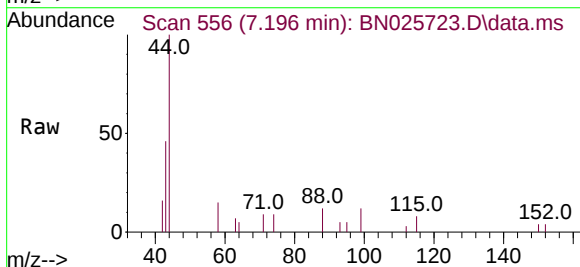
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517DL

Tgt Ion: 112 Resp: 808
Ion Ratio Lower Upper
112 100
64 59.2 45.7 68.5
63 33.3 26.2 39.2



#5
Phenol-d6
Concen: 0.025 ng
RT: 7.196 min Scan# 556
Delta R.T. 0.021 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Tgt Ion: 99 Resp: 502
Ion Ratio Lower Upper
99 100
42 29.5 17.1 25.7#
71 26.1 29.3 43.9#

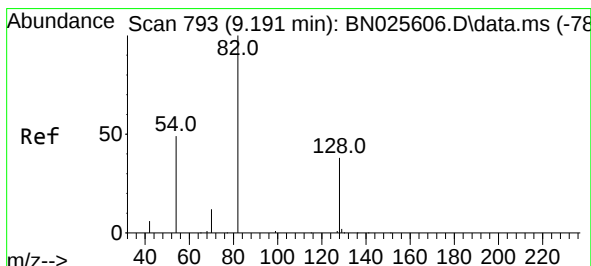
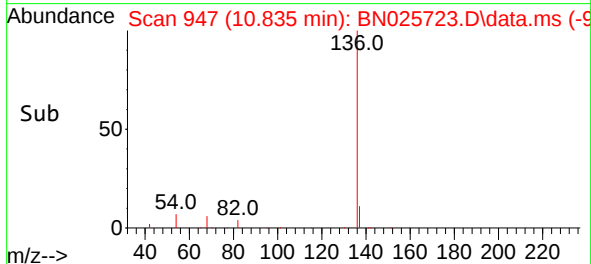
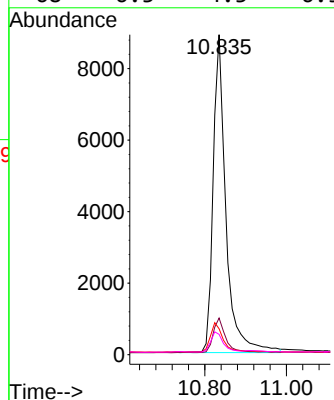
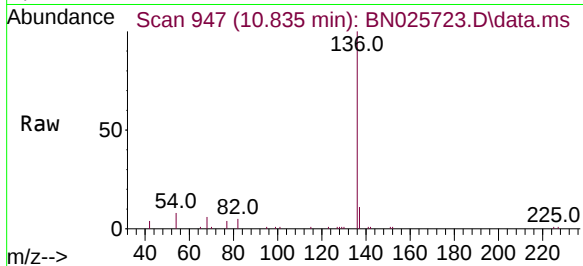




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.835 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

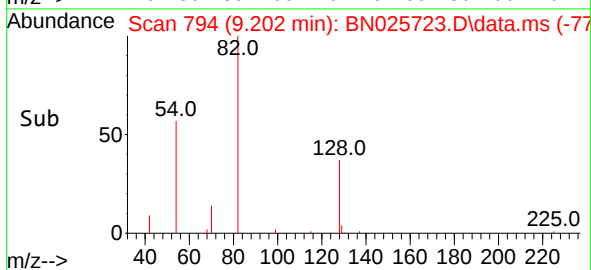
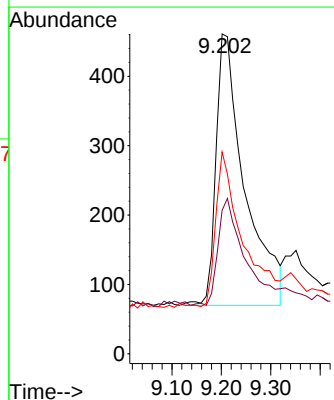
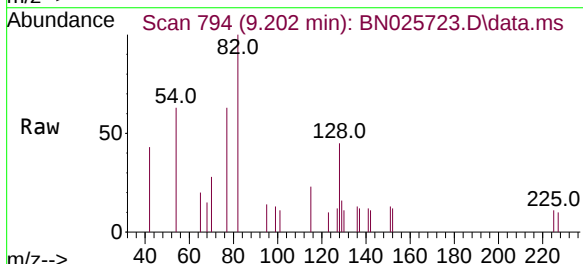
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517DL

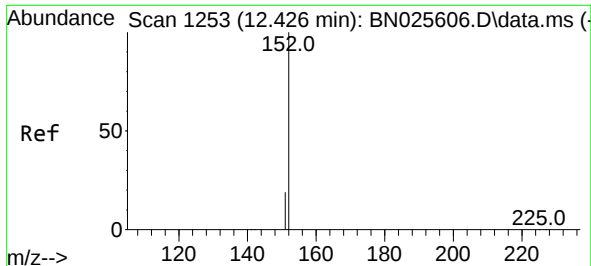
Tgt Ion:	136	Resp:	19302
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.1	13.7
54	8.1	5.4	8.0#
68	6.3	4.3	6.5



#8
Nitrobenzene-d5
Concen: 0.098 ng
RT: 9.202 min Scan# 794
Delta R.T. 0.011 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Tgt Ion:	82	Resp:	1580
Ion Ratio	Lower	Upper	
82	100		
128	44.9	32.5	48.7
54	63.1	40.6	60.8#

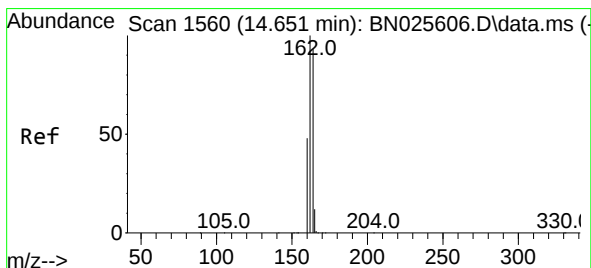
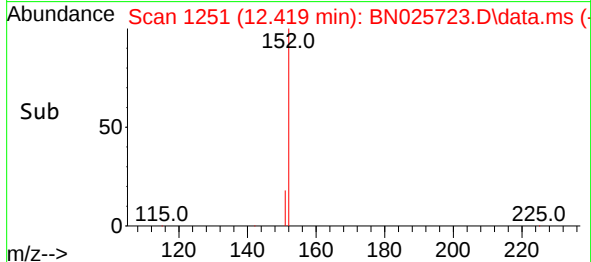
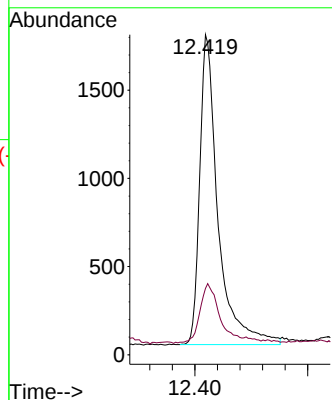
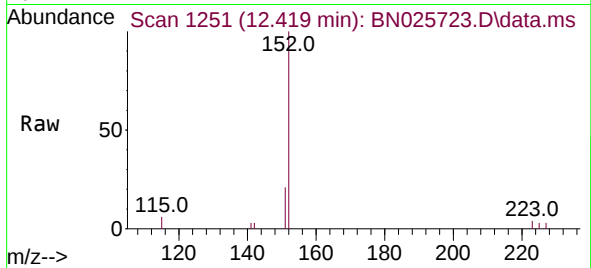




#11
2-Methylnaphthalene-d10
Concen: 0.143 ng
RT: 12.419 min Scan# 1251
Delta R.T. -0.004 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

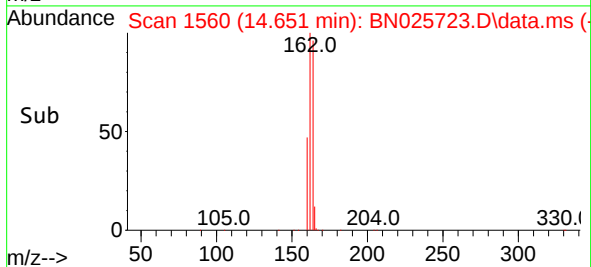
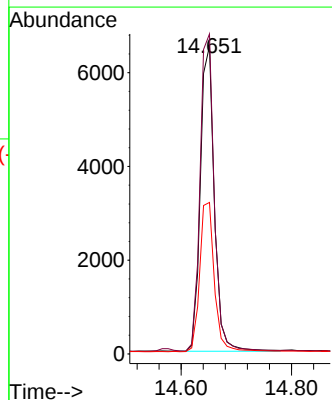
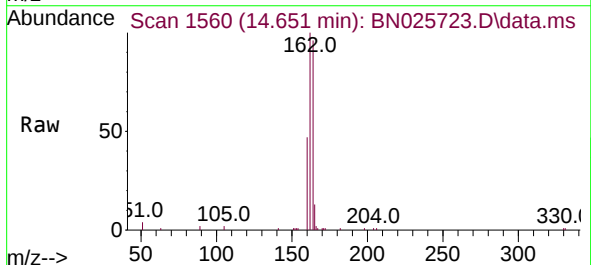
Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517DL

Tgt Ion:152 Resp: 3950
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.651 min Scan# 1560
Delta R.T. -0.000 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

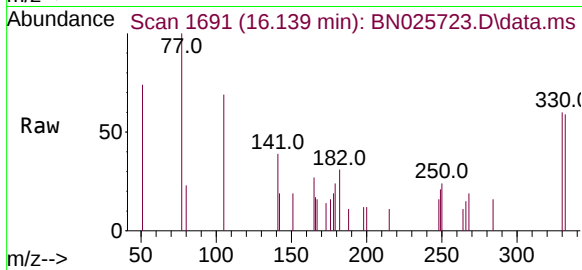
Tgt Ion:164 Resp: 11529
Ion Ratio Lower Upper
164 100
162 104.0 86.4 129.6
160 49.2 41.9 62.9



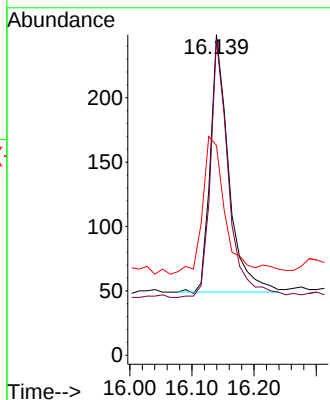
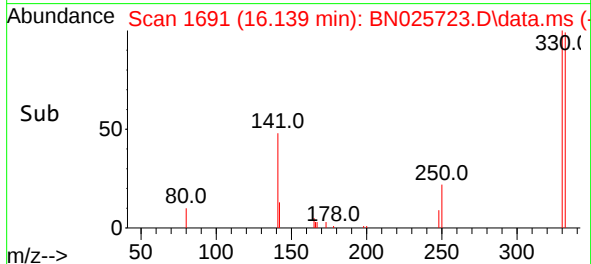


#14
2,4,6-Tribromophenol
Concen: 0.178 ng
RT: 16.139 min Scan# 1691
Delta R.T. -0.013 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517DL

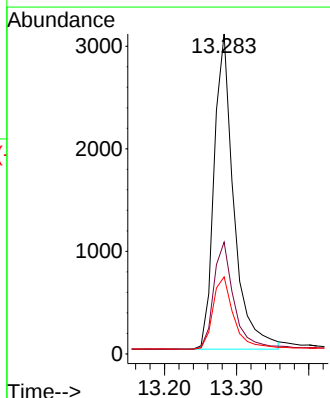
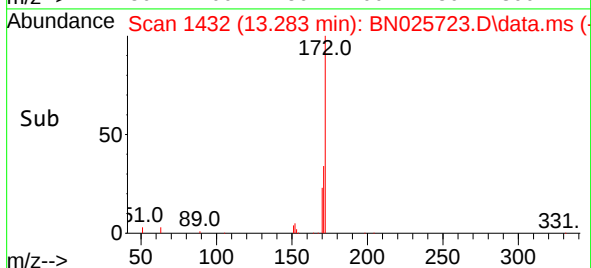
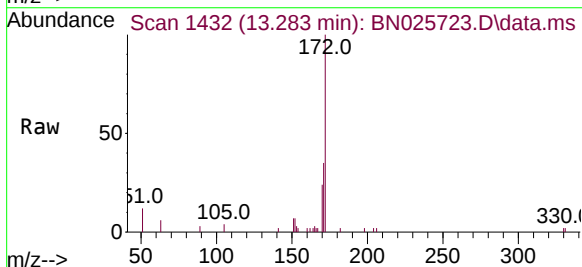


Tgt Ion:330 Resp: 414
Ion Ratio Lower Upper
330 100
332 98.3 80.0 120.0
141 59.2 45.8 68.6



#15
2-Fluorobiphenyl
Concen: 0.123 ng
RT: 13.283 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Tgt Ion:172 Resp: 5832
Ion Ratio Lower Upper
172 100
171 35.0 28.6 42.8
170 24.1 19.7 29.5

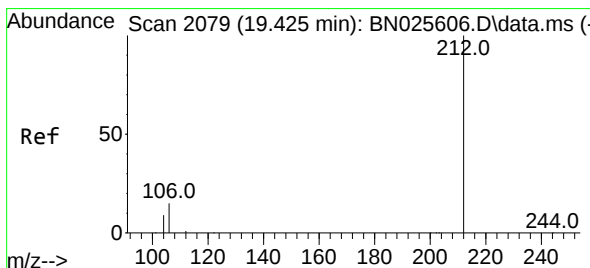
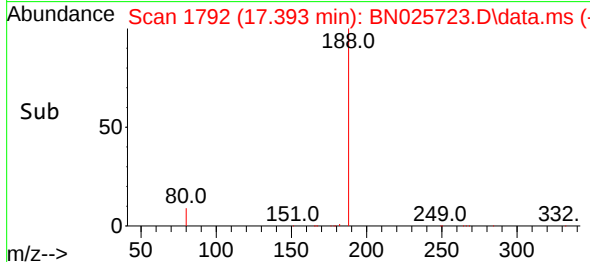
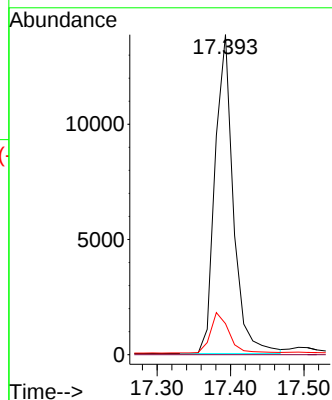
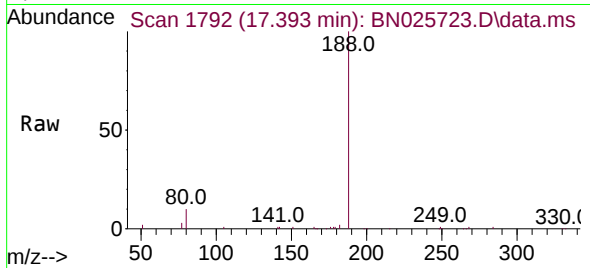




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.393 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

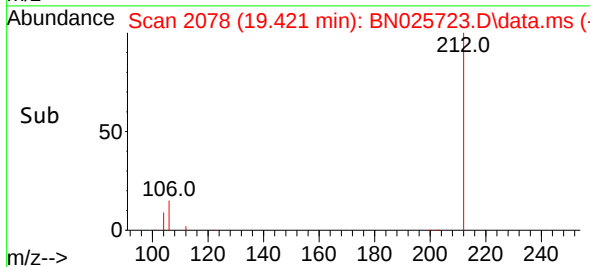
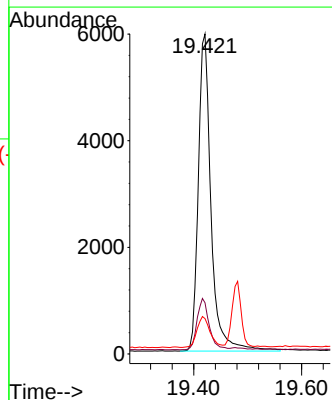
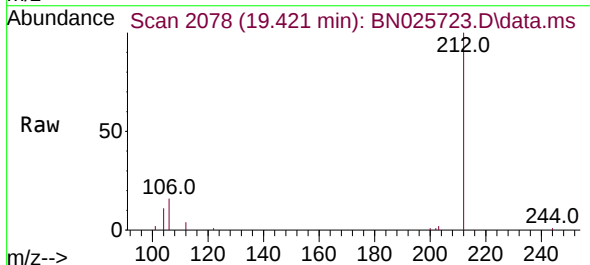
Instrument :
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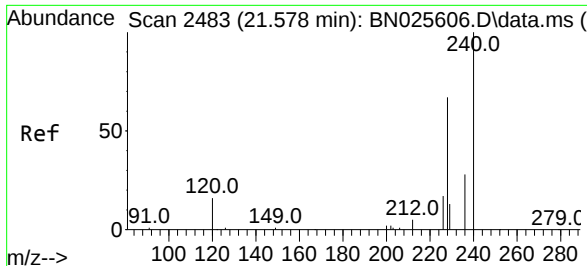
Tgt Ion:188 Resp: 23904
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.7 12.2 18.2#



#27
Fluoranthene-d10
Concen: 0.180 ng
RT: 19.421 min Scan# 2078
Delta R.T. -0.000 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Tgt Ion:212 Resp: 9731
Ion Ratio Lower Upper
212 100
106 15.3 12.3 18.5
104 9.9 7.2 10.8





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.569 min Scan# 2482

Delta R.T. -0.009 min

Lab File: BN025723.D

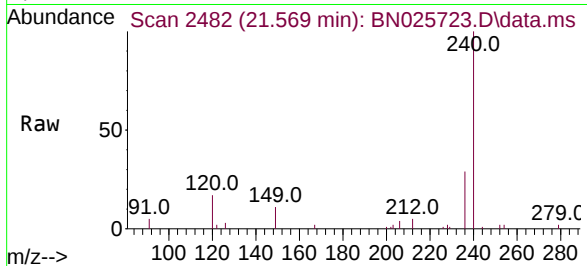
Acq: 30 May 2023 18:58

Instrument :

BNA_N

ClientSampleId :

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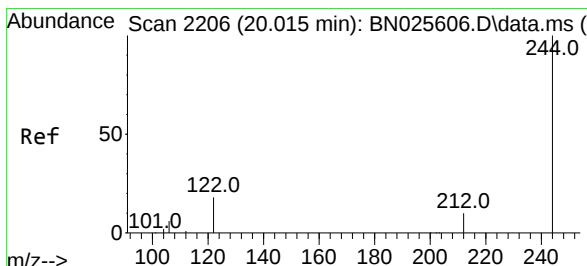
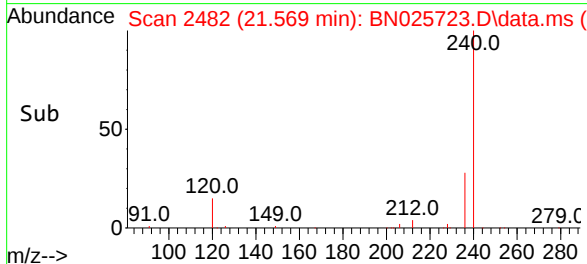
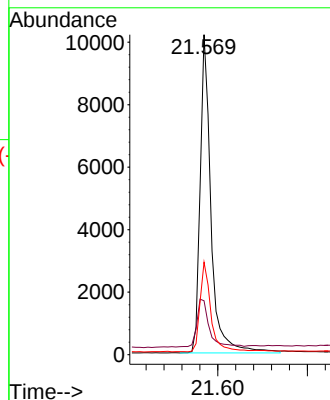
Tgt Ion:240 Resp: 17175

Ion Ratio Lower Upper

240 100

120 16.9 15.4 23.0

236 28.9 23.2 34.8



#31

Terphenyl-d14

Concen: 0.167 ng

RT: 20.006 min Scan# 2204

Delta R.T. -0.010 min

Lab File: BN025723.D

Acq: 30 May 2023 18:58

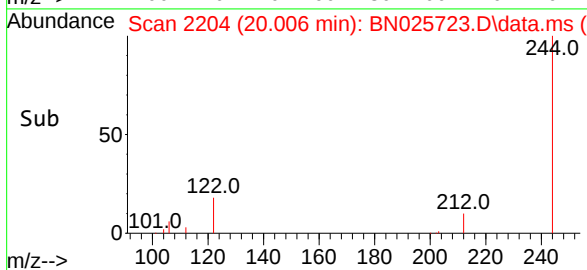
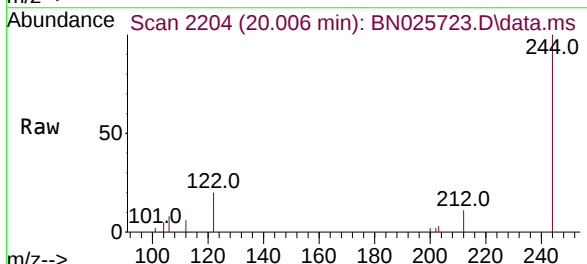
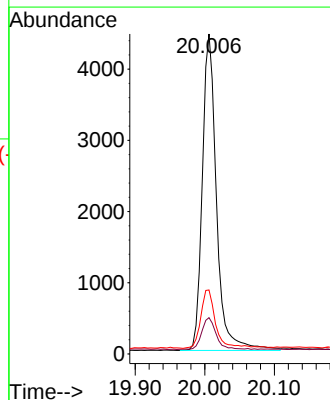
Tgt Ion:244 Resp: 6297

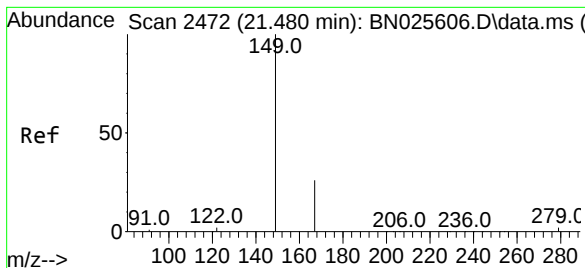
Ion Ratio Lower Upper

244 100

212 11.4 8.5 12.7

122 20.0 14.9 22.3

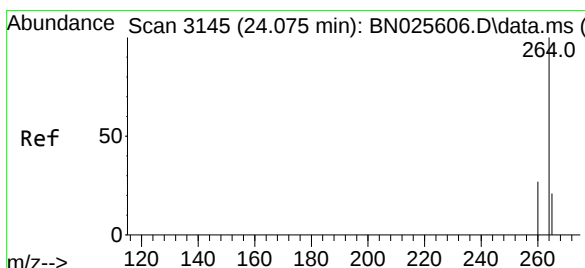
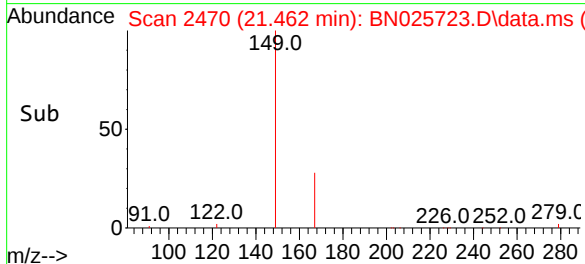
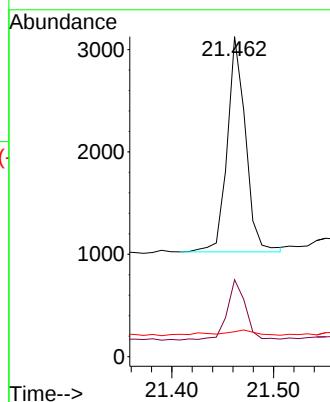
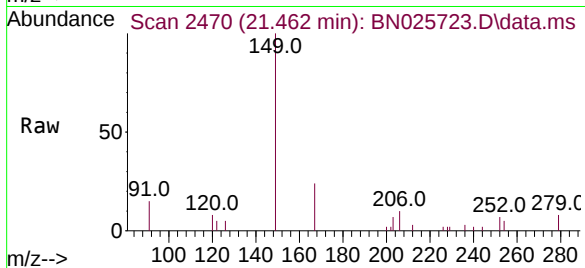




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.068 ng
RT: 21.462 min Scan# 2470
Delta R.T. -0.009 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Instrument :
BNA_N
ClientSampleId :
RE132D5-20230517DL

Tgt Ion:149 Resp: 2631
Ion Ratio Lower Upper
149 100
167 28.2 20.4 30.6
279 5.8 3.3 4.9#



#35
Perylene-d12
Concen: 0.400 ng
RT: 24.042 min Scan# 3134
Delta R.T. -0.027 min
Lab File: BN025723.D
Acq: 30 May 2023 18:58

Tgt Ion:264 Resp: 15410
Ion Ratio Lower Upper
264 100
260 26.6 22.3 33.5
265 49.1 54.3 81.5#

