

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080123\
 Data File : BN026783.D
 Acq On : 01 Aug 2023 14:29
 Operator : MA/JU
 Sample : 03611-02DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW5A-20230712DL

Quant Time: Aug 02 00:49:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 00:35:47 2023
 Response via : Initial Calibration

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

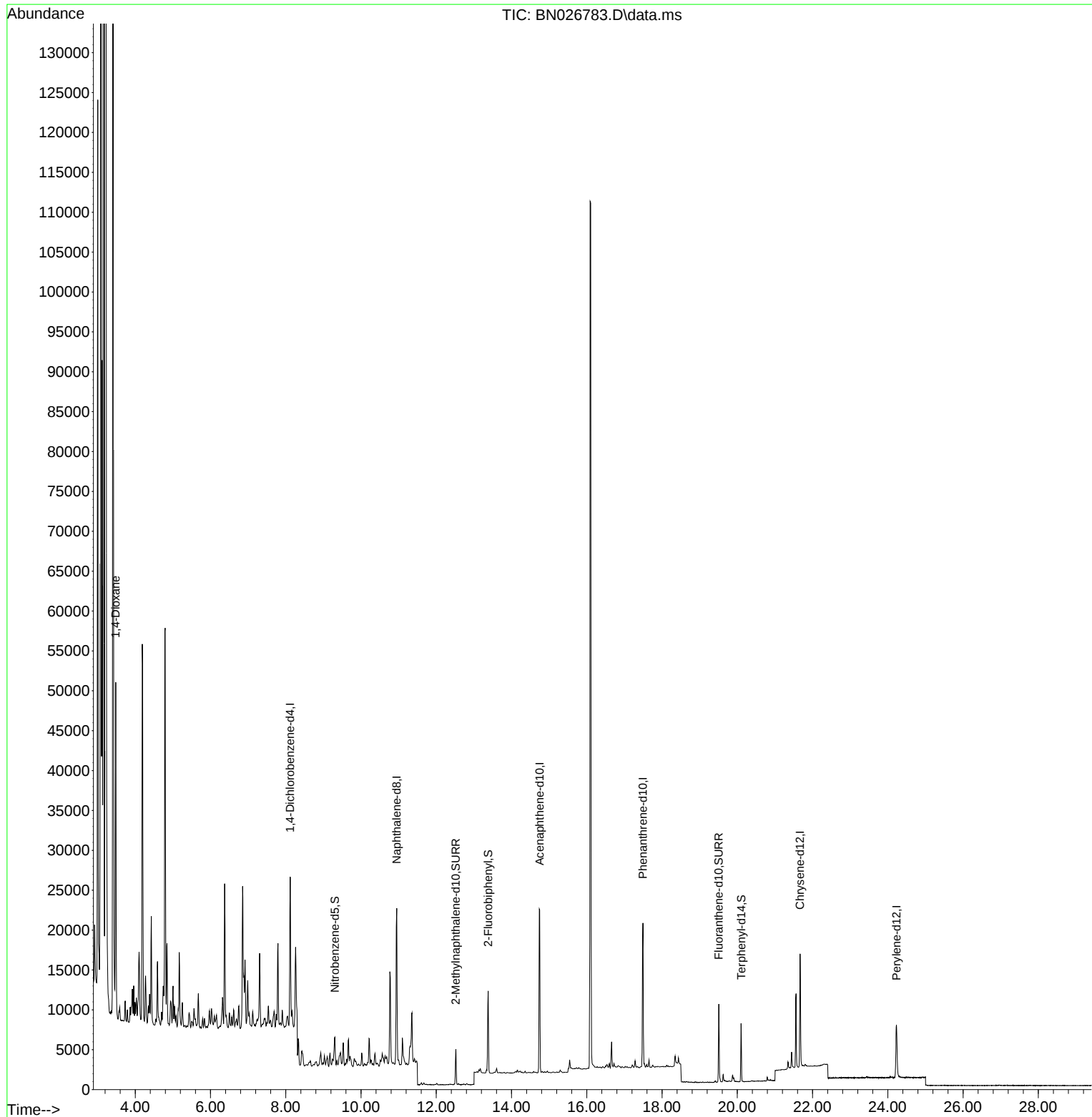
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	8825	0.400	ng	0.00
7) Naphthalene-d8	10.949	136	25669	0.400	ng	0.00
13) Acenaphthene-d10	14.747	164	12894	0.400	ng	0.00
19) Phenanthrene-d10	17.492	188	25709	0.400	ng	0.00
29) Chrysene-d12	21.668	240	13907	0.400	ng	# 0.00
35) Perylene-d12	24.229	264	10822	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.618	112	67	0.003	ng	0.00
5) Phenol-d6	7.243	99	493	0.017	ng	0.00
8) Nitrobenzene-d5	9.305	82	2966	0.195	ng	0.00
11) 2-Methylnaphthalene-d10	12.521	152	5705	0.155	ng	0.00
14) 2,4,6-Tribromophenol	16.214	330	7	0.002	ng	-0.01
15) 2-Fluorobiphenyl	13.379	172	8955	0.170	ng	0.00
27) Fluoranthene-d10	19.509	212	9975	0.162	ng	0.00
31) Terphenyl-d14	20.104	244	6909	0.238	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.480	88	25979	2.522	ng	Qvalue 97

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

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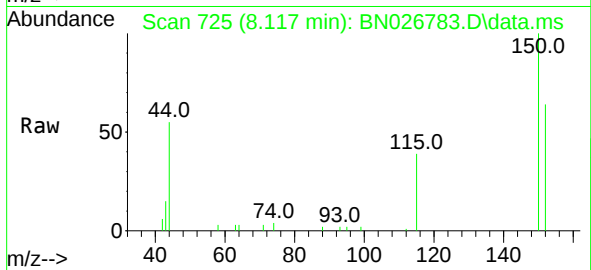
Quant Time: Aug 02 00:49:45 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
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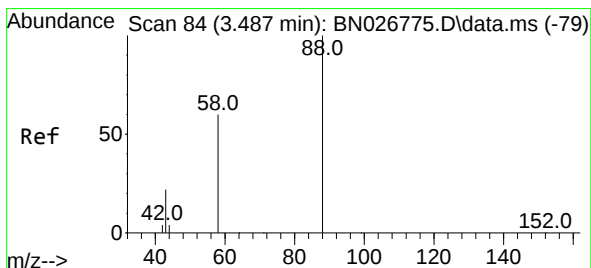
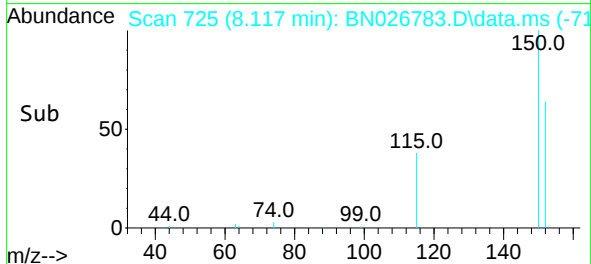
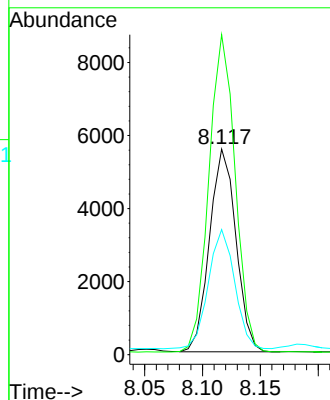


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.117 min Scan# 71
Delta R.T. -0.007 min
Lab File: BN026783.D
Acq: 01 Aug 2023 14:29

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

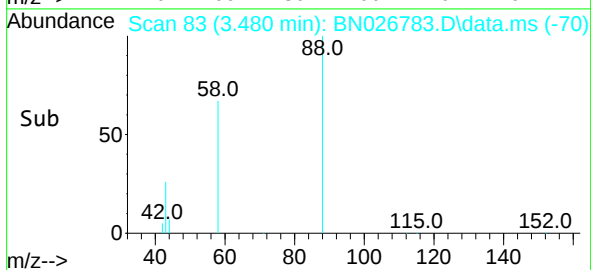
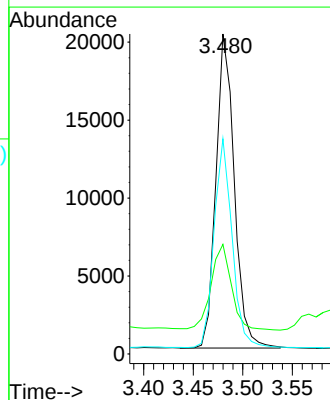
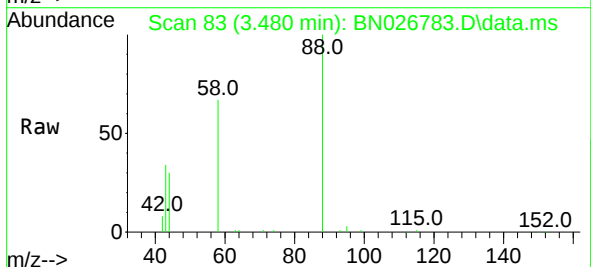


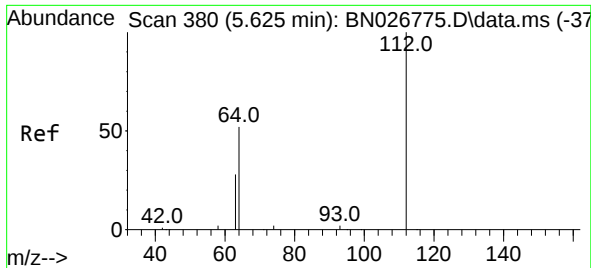
Tgt Ion:152 Resp: 8825
Ion Ratio Lower Upper
152 100
150 155.7 123.8 185.8
115 60.8 48.0 72.0



#2
1,4-Dioxane
Concen: 2.522 ng
RT: 3.480 min Scan# 83
Delta R.T. -0.007 min
Lab File: BN026783.D
Acq: 01 Aug 2023 14:29

Tgt Ion: 88 Resp: 25979
Ion Ratio Lower Upper
88 100
43 30.3 21.7 32.5
58 64.9 53.3 79.9





#4

2-Fluorophenol

Concen: 0.003 ng

RT: 5.618 min Scan# 31

Delta R.T. -0.007 min

Lab File: BN026783.D

Acq: 01 Aug 2023 14:29

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW5A-20230712DL

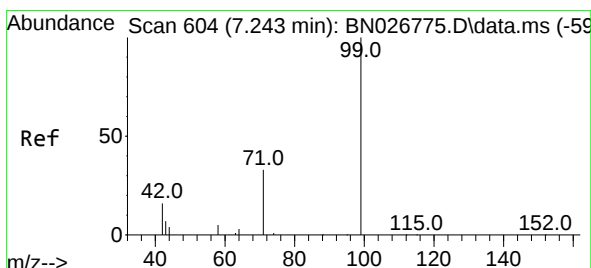
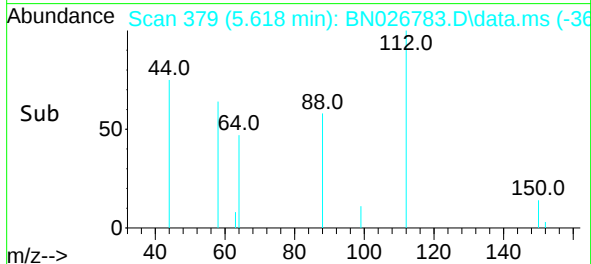
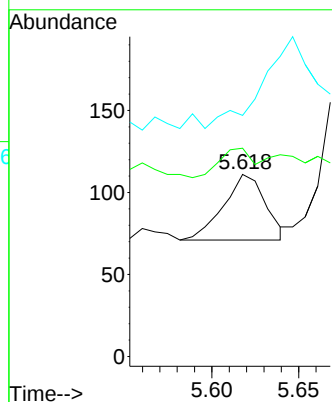
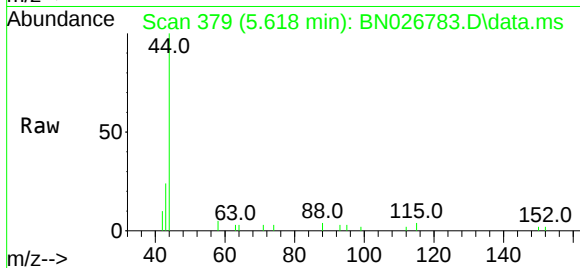
Tgt Ion:112 Resp: 67

Ion Ratio Lower Upper

112 100

64 34.3 42.2 63.2#

63 0.0 22.7 34.1#



#5

Phenol-d6

Concen: 0.017 ng

RT: 7.243 min Scan# 604

Delta R.T. -0.000 min

Lab File: BN026783.D

Acq: 01 Aug 2023 14:29

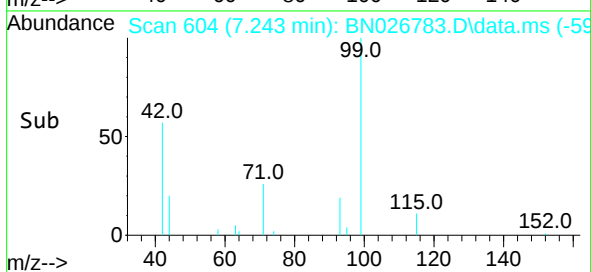
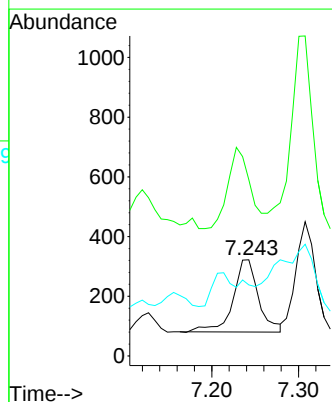
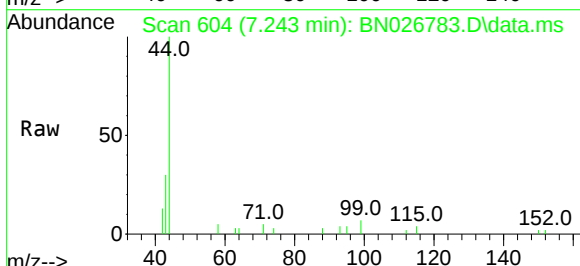
Tgt Ion: 99 Resp: 493

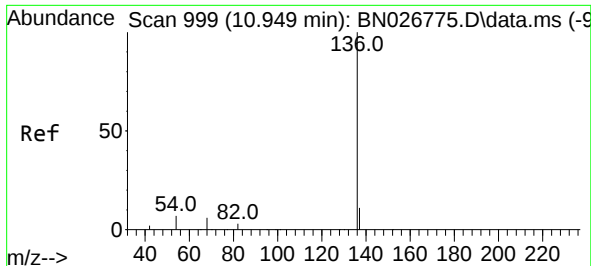
Ion Ratio Lower Upper

99 100

42 96.3 14.6 22.0#

71 0.0 26.6 40.0#

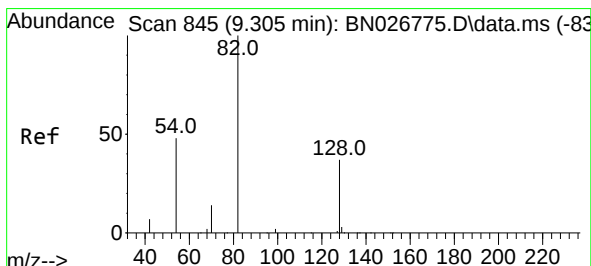
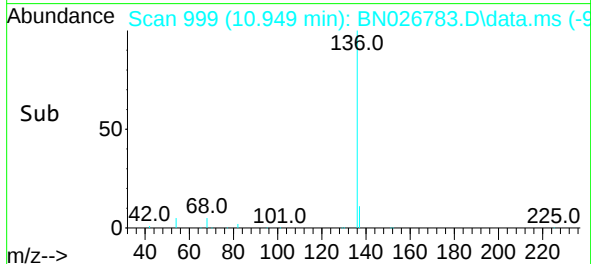
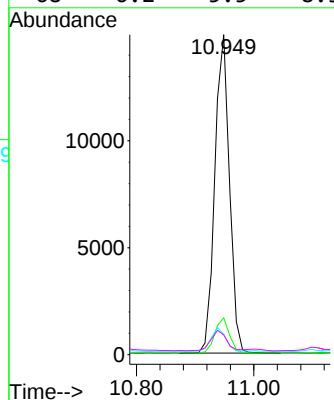
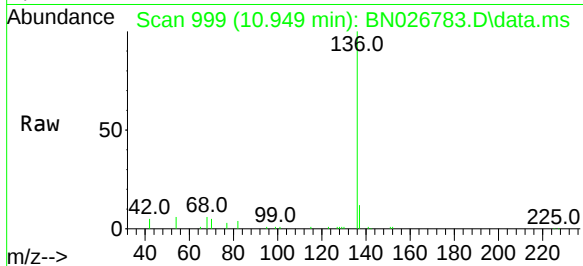




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.949 min Scan# 999
Delta R.T. -0.000 min
Lab File: BN026783.D
Acq: 01 Aug 2023 14:29

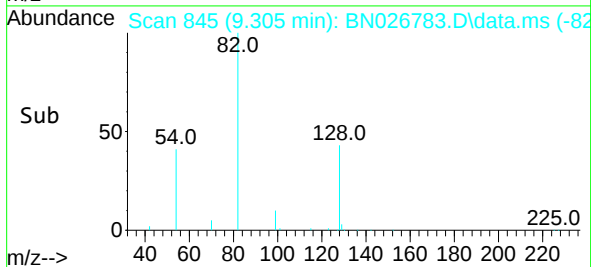
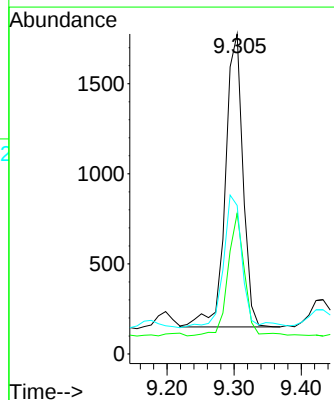
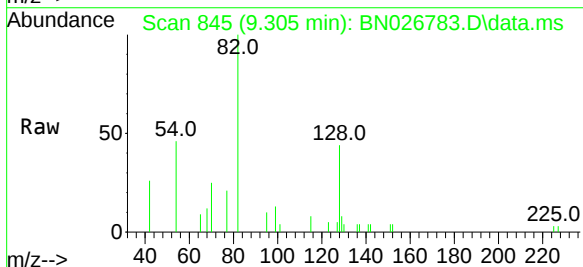
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

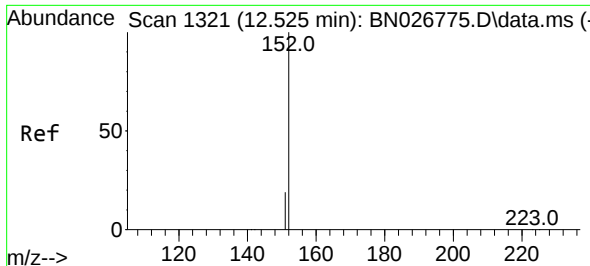
Tgt Ion:	136	Resp:	25669
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	6.4	6.2	9.2
68	6.2	5.5	8.3



#8
Nitrobenzene-d5
Concen: 0.195 ng
RT: 9.305 min Scan# 845
Delta R.T. -0.000 min
Lab File: BN026783.D
Acq: 01 Aug 2023 14:29

Tgt Ion:	82	Resp:	2966
Ion	Ratio	Lower	Upper
82	100		
128	44.0	30.5	45.7
54	46.4	39.4	59.2





#11

2-Methylnaphthalene-d10

Concen: 0.155 ng

RT: 12.521 min Scan# 1321

Delta R.T. -0.004 min

Lab File: BN026783.D

Acq: 01 Aug 2023 14:29

Instrument :

BNA_N

ClientSampleId :

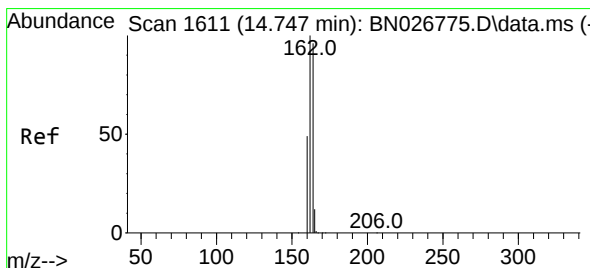
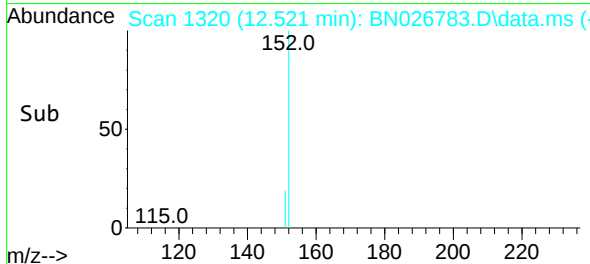
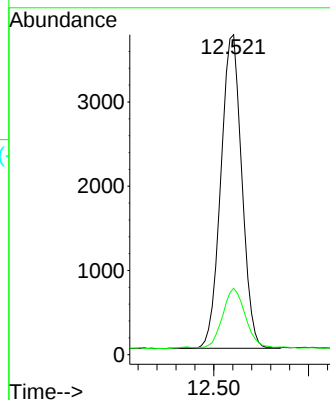
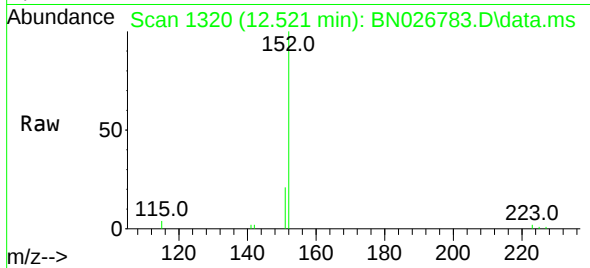
BP-TT-RW5A-20230712DL

Tgt Ion:152 Resp: 5705

Ion Ratio Lower Upper

152 100

151 20.5 16.5 24.7



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.747 min Scan# 1611

Delta R.T. -0.000 min

Lab File: BN026783.D

Acq: 01 Aug 2023 14:29

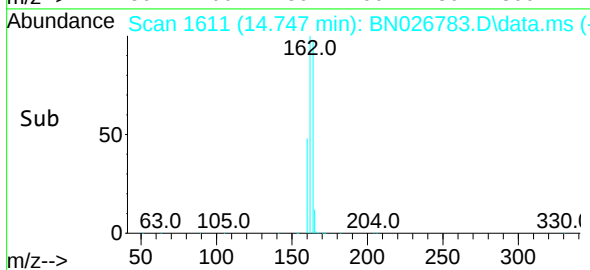
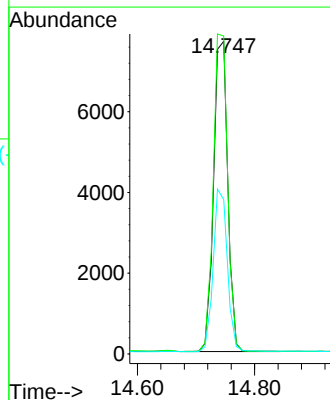
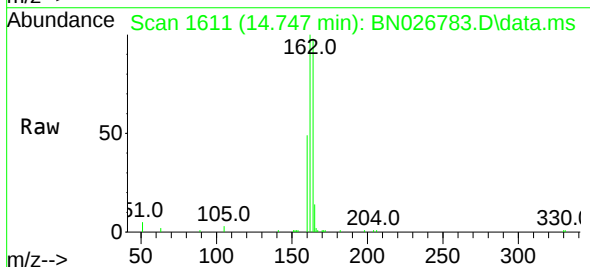
Tgt Ion:164 Resp: 12894

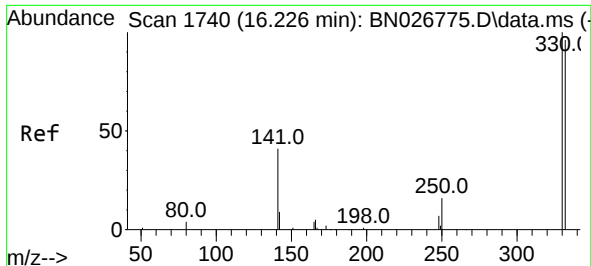
Ion Ratio Lower Upper

164 100

162 101.7 83.0 124.6

160 49.4 40.8 61.2

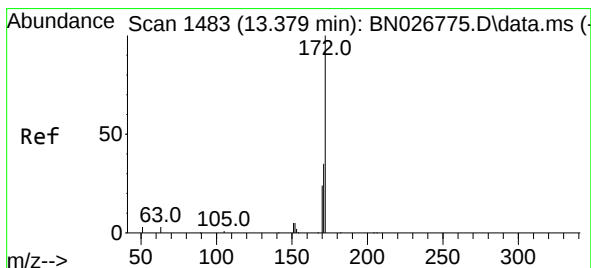
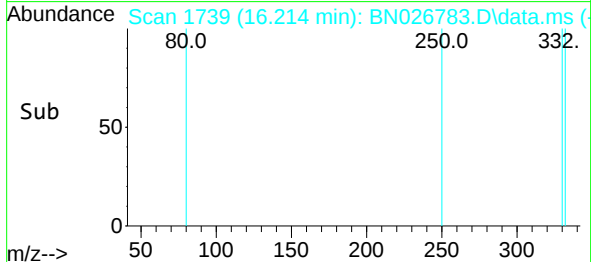
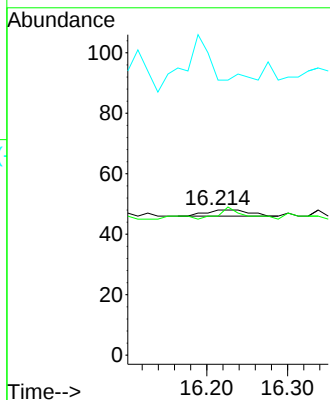
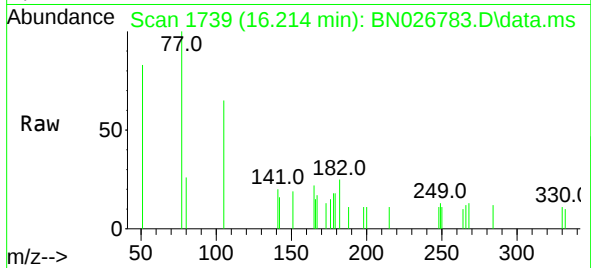




#14
2,4,6-Tribromophenol
Concen: 0.002 ng
RT: 16.214 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN026783.D
Acq: 01 Aug 2023 14:29

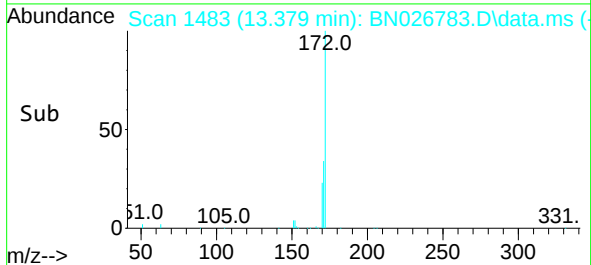
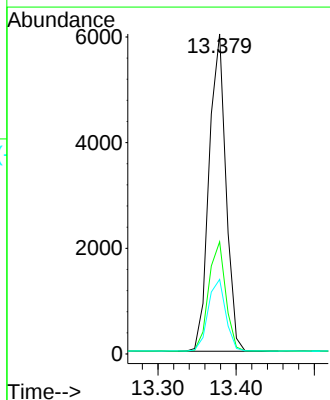
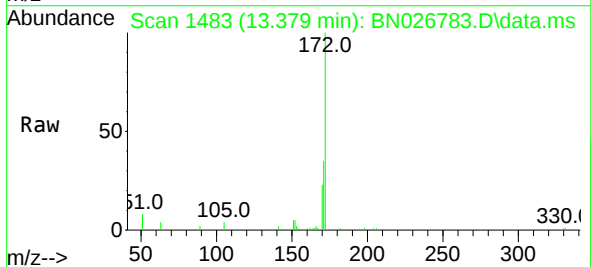
Instrument :
BNA_N
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BP-TT-RW5A-20230712DL

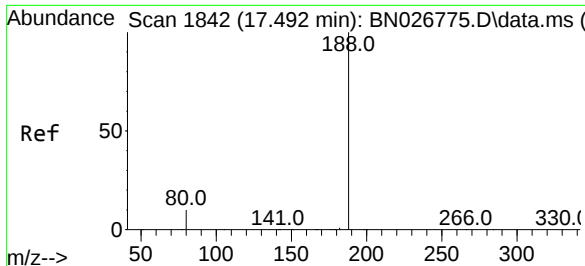
Tgt Ion:330 Resp: 7
Ion Ratio Lower Upper
330 100
332 114.3 77.8 116.6
141 0.0 34.8 52.2#



#15
2-Fluorobiphenyl
Concen: 0.170 ng
RT: 13.379 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BN026783.D
Acq: 01 Aug 2023 14:29

Tgt Ion:172 Resp: 8955
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.3 19.2 28.8

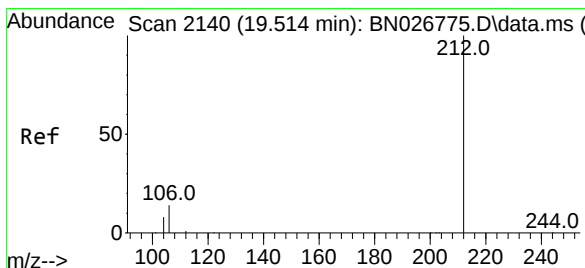
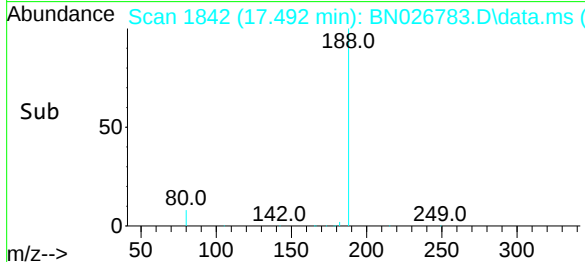
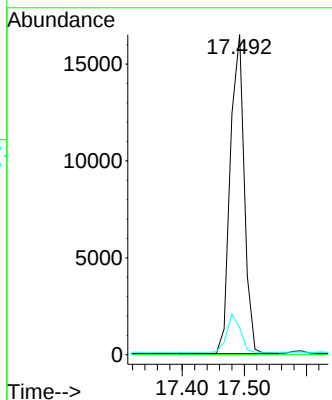
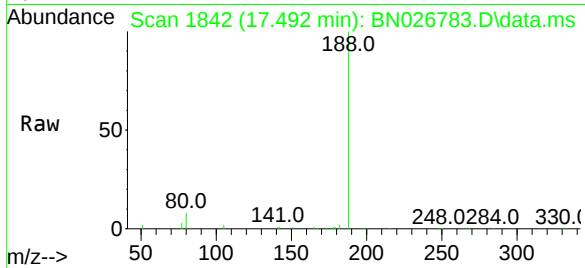




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.492 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN026783.D
Acq: 01 Aug 2023 14:29

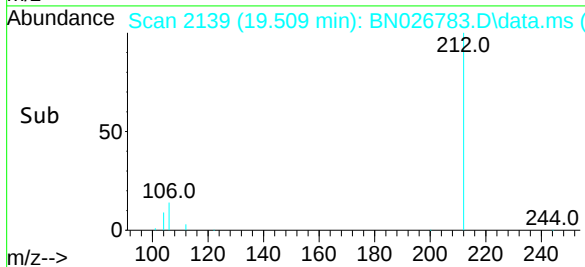
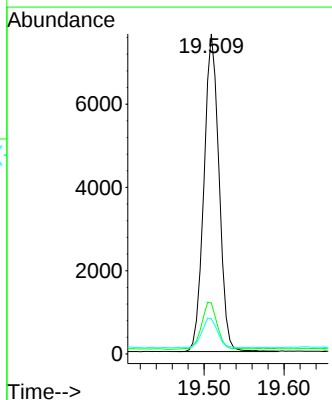
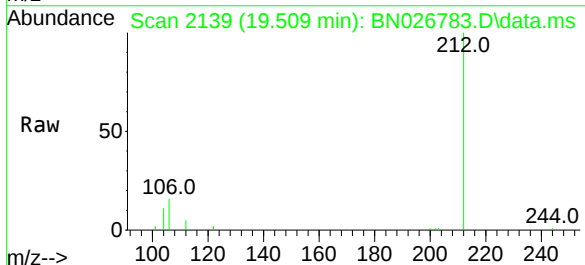
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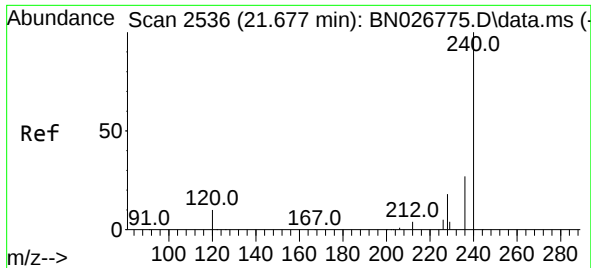
Tgt Ion:188 Resp: 25709
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.4 8.0 12.0



#27
Fluoranthene-d10
Concen: 0.162 ng
RT: 19.509 min Scan# 2139
Delta R.T. -0.005 min
Lab File: BN026783.D
Acq: 01 Aug 2023 14:29

Tgt Ion:212 Resp: 9975
Ion Ratio Lower Upper
212 100
106 15.4 11.7 17.5
104 9.8 6.4 9.6#

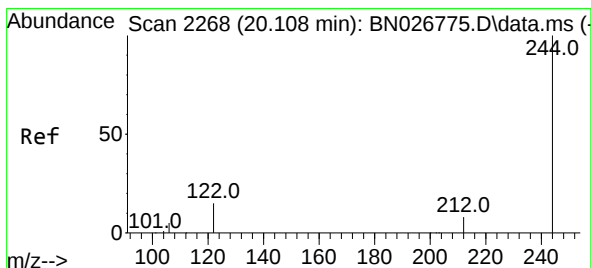
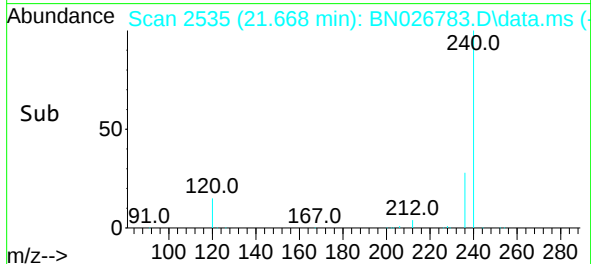
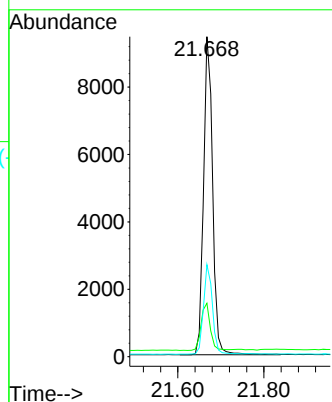
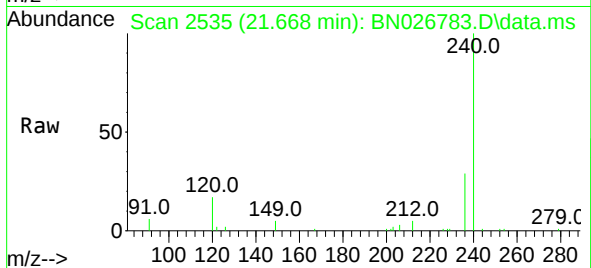




#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.668 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN026783.D
Acq: 01 Aug 2023 14:29

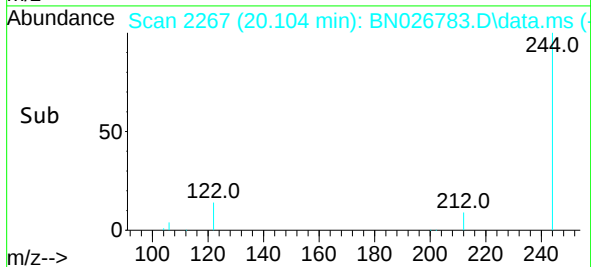
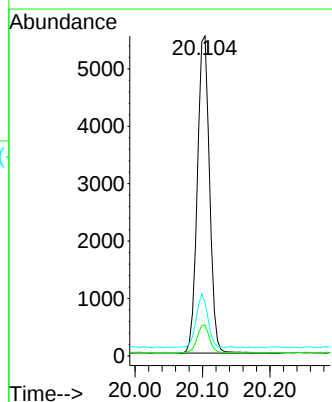
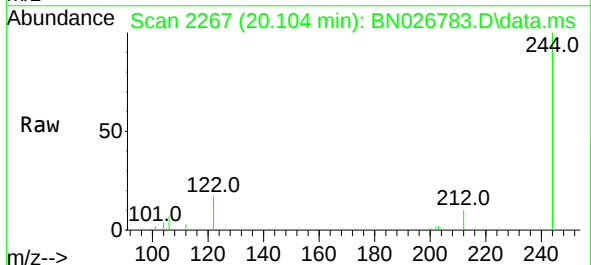
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW5A-20230712DL

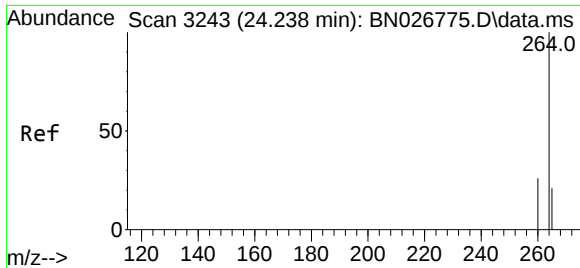
Tgt Ion:240 Resp: 13907
Ion Ratio Lower Upper
240 100
120 16.7 9.2 13.8#
236 28.7 21.9 32.9



#31
Terphenyl-d14
Concen: 0.238 ng
RT: 20.104 min Scan# 2267
Delta R.T. -0.005 min
Lab File: BN026783.D
Acq: 01 Aug 2023 14:29

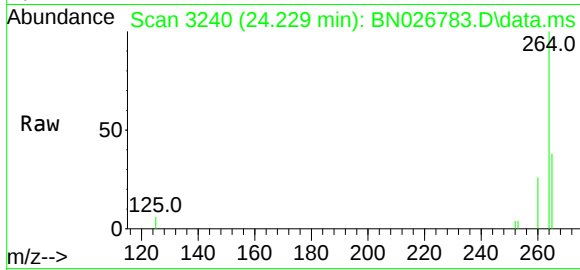
Tgt Ion:244 Resp: 6909
Ion Ratio Lower Upper
244 100
212 9.6 7.0 10.4
122 16.8 12.3 18.5





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.229 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BN026783.D
 Acq: 01 Aug 2023 14:29

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW5A-20230712DL



Tgt Ion:264 Resp: 10822

Ion	Ratio	Lower	Upper
264	100		
260	26.0	21.0	31.6
265	38.0	22.6	33.8#

