

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
 Data File : BN029160.D
 Acq On : 21 Dec 2023 20:55
 Operator : MA/JU
 Sample : 05719-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BP-TT-RW10A-MW01I-GW-20231205

Quant Time: Dec 21 23:28:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 18:03:30 2023
 Response via : Initial Calibration

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

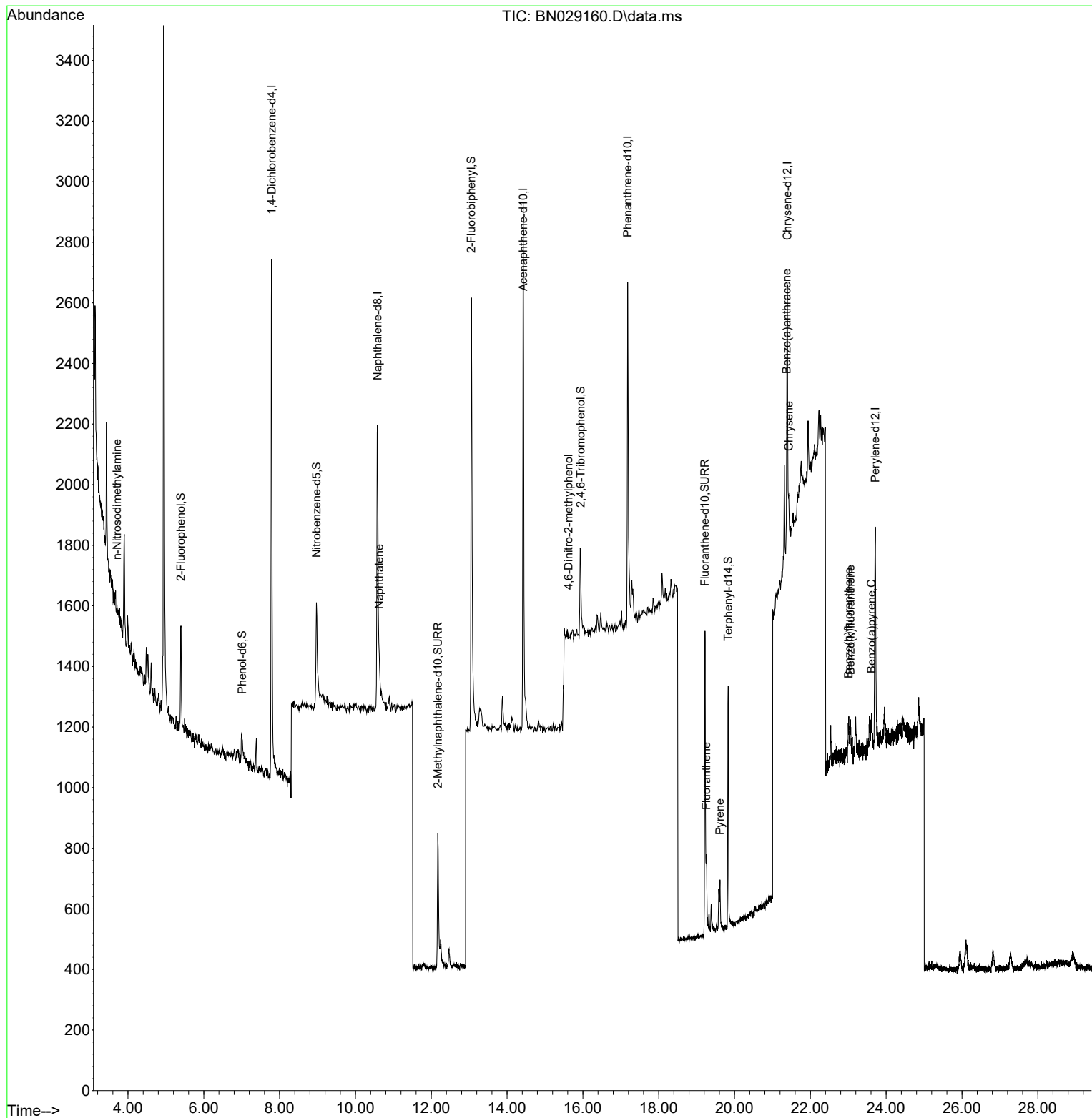
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.789	152	995	0.400	ng	0.00
7) Naphthalene-d8	10.584	136	1916	0.400	ng	0.00
13) Acenaphthene-d10	14.426	164	1108	0.400	ng	0.00
19) Phenanthrene-d10	17.181	188	1825	0.400	ng	# 0.00
29) Chrysene-d12	21.394	240	833	0.400	ng	0.00
35) Perylene-d12	23.712	264	1056	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	312	0.131	ng	0.00
5) Phenol-d6	7.009	99	149	0.057	ng	0.00
8) Nitrobenzene-d5	8.971	82	584	0.234	ng	0.01
11) 2-Methylnaphthalene-d10	12.174	152	864	0.298	ng	0.00
14) 2,4,6-Tribromophenol	15.940	330	249	0.257	ng	0.01
15) 2-Fluorobiphenyl	13.057	172	1693	0.262	ng	0.00
27) Fluoranthene-d10	19.220	212	1246	0.282	ng	0.00
31) Terphenyl-d14	19.833	244	768	0.336	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.709	42	16	0.025	ng	# 1
9) Naphthalene	10.626	128	153	0.025	ng	# 12
20) 4,6-Dinitro-2-methylph...	15.617	198	2	0.065	ng	# 42
28) Fluoranthene	19.252	202	176	0.023	ng	# 59
30) Pyrene	19.615	202	162	0.025	ng	# 96
32) Benzo(a)anthracene	21.376	228	133	0.029	ng	# 51
33) Chrysene	21.429	228	134	0.030	ng	# 56
34) Bis(2-ethylhexyl)phtha...	21.313	149	382	Below Cal		# 86
37) Benzo(b)fluoranthene	23.008	252	170	0.032	ng	# 8
38) Benzo(k)fluoranthene	23.058	252	144	0.027	ng	# 1
39) Benzo(a)pyrene	23.610	252	127	0.026	ng	# 1

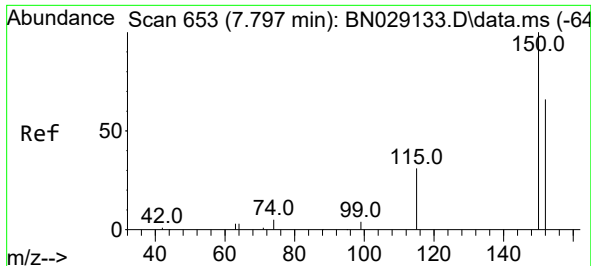
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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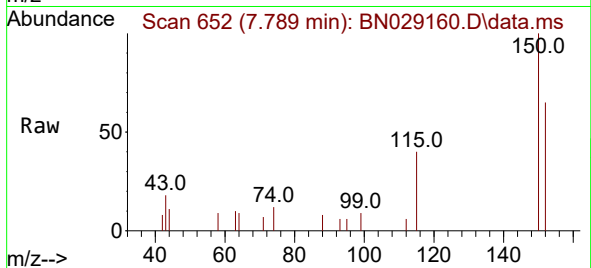
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
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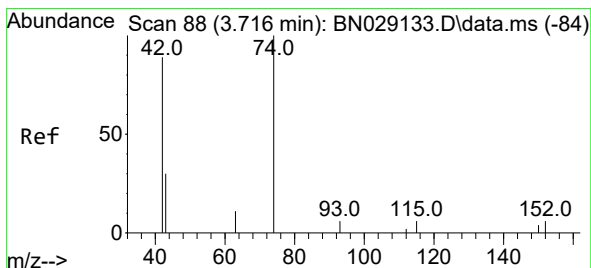
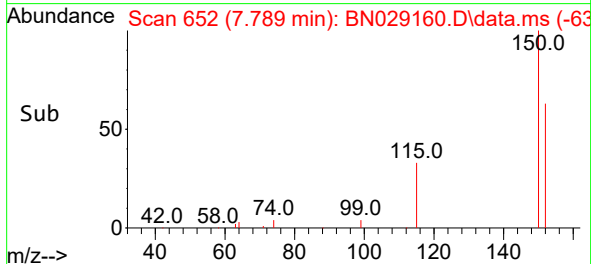
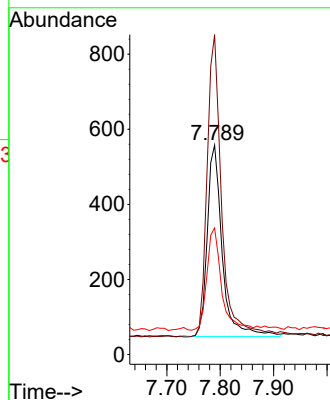


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.789 min Scan# 61
Delta R.T. -0.008 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

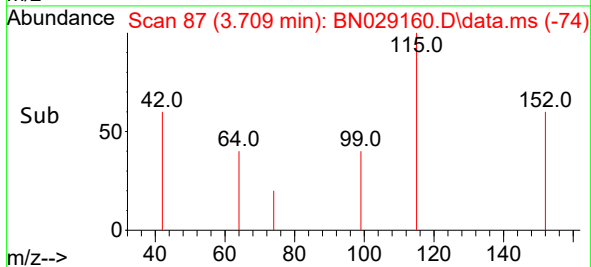
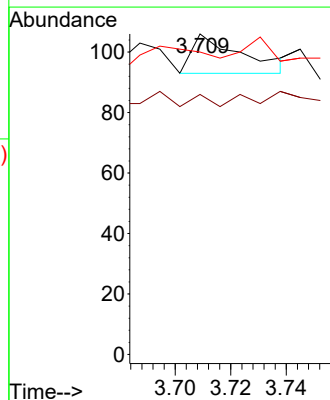
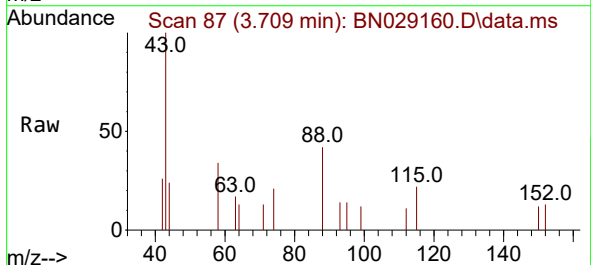


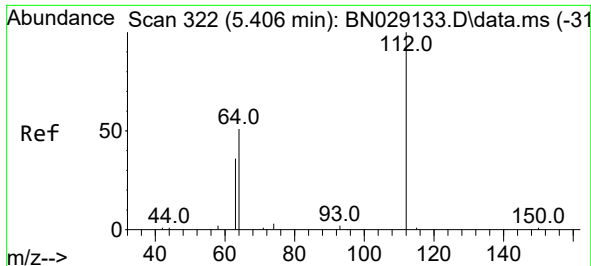
Tgt Ion:152 Resp: 995
Ion Ratio Lower Upper
152 100
150 152.7 117.6 176.4
115 60.4 44.2 66.2



#3
n-Nitrosodimethylamine
Concen: 0.025 ng
RT: 3.709 min Scan# 87
Delta R.T. -0.007 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion: 42 Resp: 16
Ion Ratio Lower Upper
42 100
74 0.0 103.0 154.4#
44 68.8 3.2 4.8#

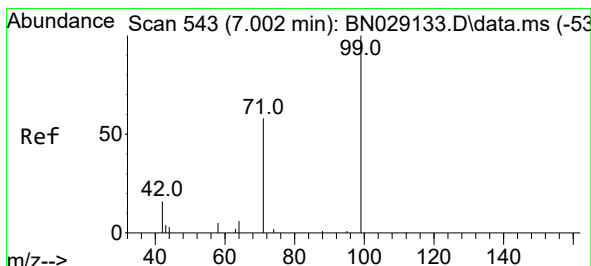
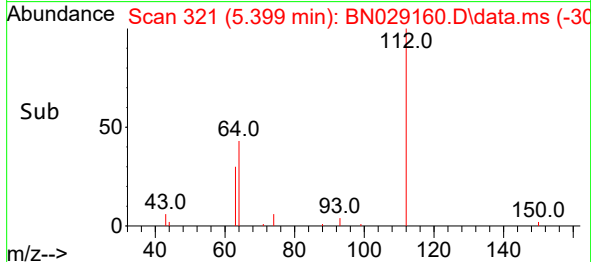
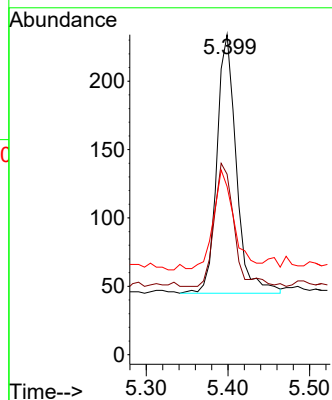
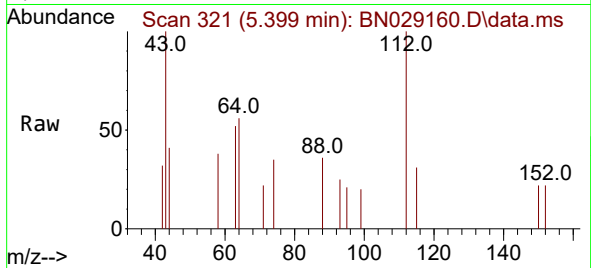




#4
2-Fluorophenol
Concen: 0.131 ng
RT: 5.399 min Scan# 312
Delta R.T. -0.007 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

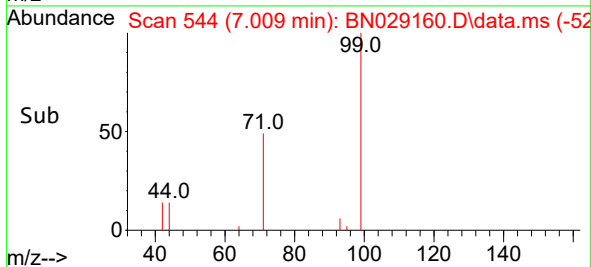
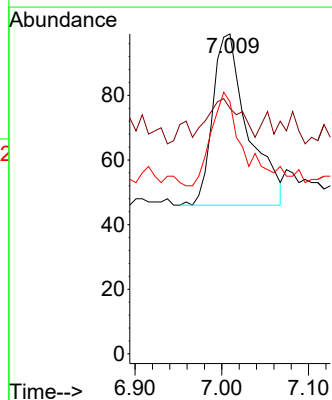
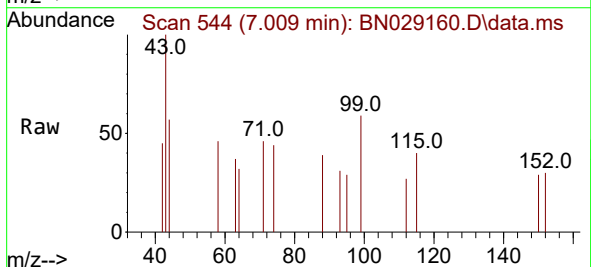
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

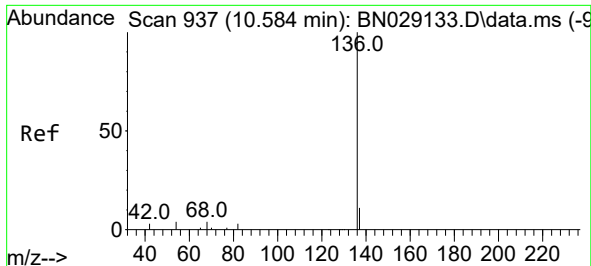
Tgt Ion:112 Resp: 312
Ion Ratio Lower Upper
112 100
64 48.4 38.6 58.0
63 39.7 30.0 45.0



#5
Phenol-d6
Concen: 0.057 ng
RT: 7.009 min Scan# 544
Delta R.T. 0.007 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion: 99 Resp: 149
Ion Ratio Lower Upper
99 100
42 25.5 13.8 20.6#
71 53.7 45.4 68.2

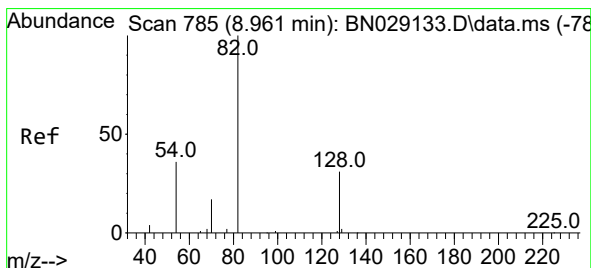
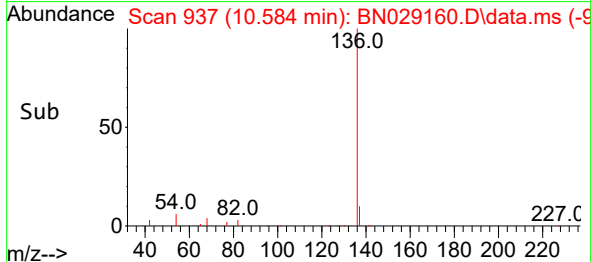
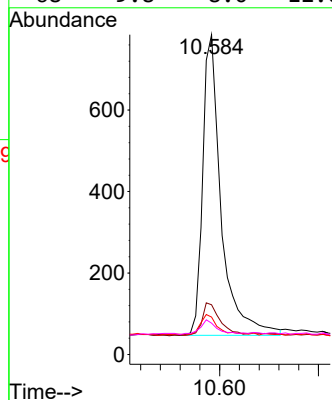
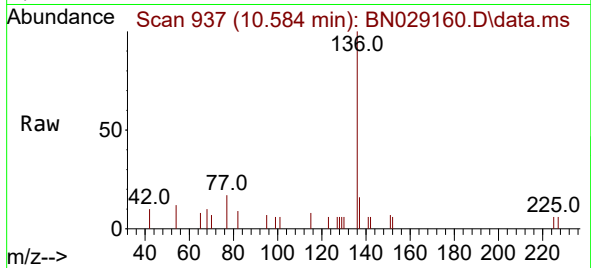




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.584 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

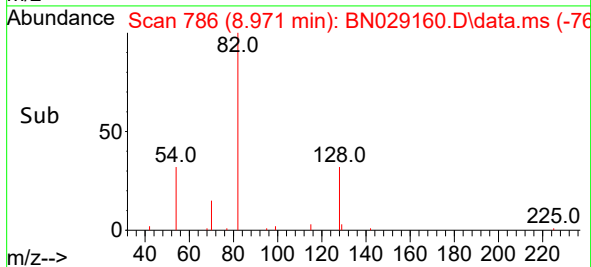
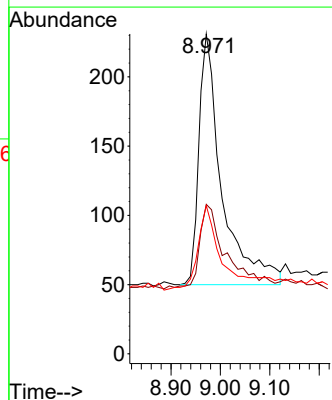
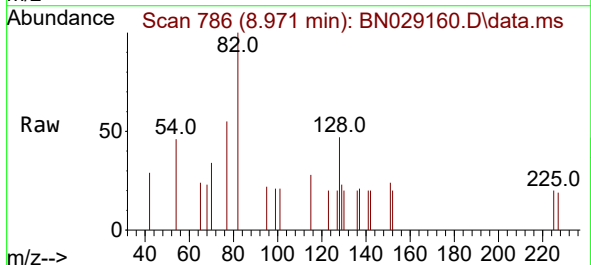
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

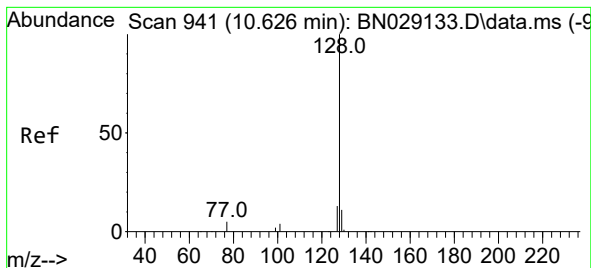
Tgt Ion:	136	Resp:	1916
Ion	Ratio	Lower	Upper
136	100		
137	15.5	13.4	20.0
54	11.7	8.6	13.0
68	9.8	8.0	12.0



#8
Nitrobenzene-d5
Concen: 0.234 ng
RT: 8.971 min Scan# 786
Delta R.T. 0.011 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:	82	Resp:	584
Ion	Ratio	Lower	Upper
82	100		
128	46.8	33.0	49.4
54	46.3	35.8	53.8





#9

Naphthalene

Concen: 0.025 ng

RT: 10.626 min Scan# 941

Delta R.T. -0.000 min

Lab File: BN029160.D

Acq: 21 Dec 2023 20:55

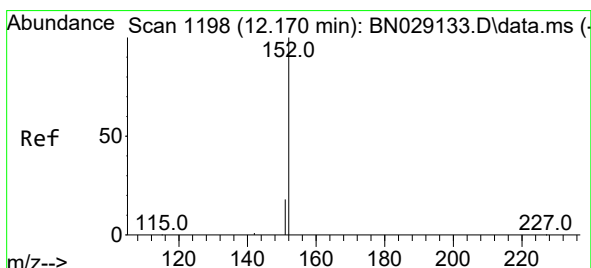
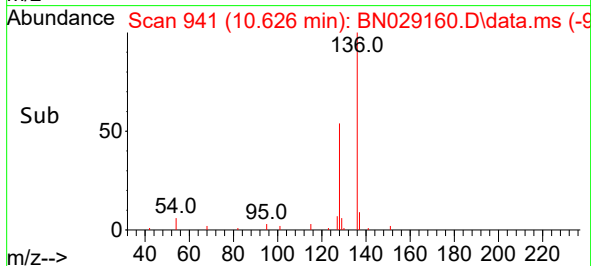
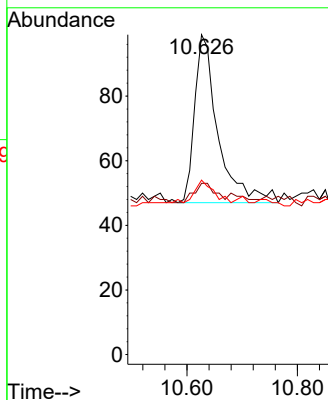
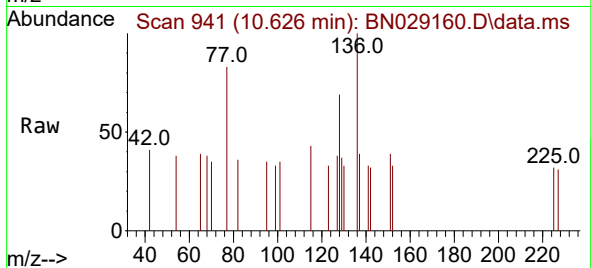
Instrument :

BNA_N

ClientSampleId :

BP-TT-RW10A-MW01I-GW-20231205

Tgt Ion:	128	Resp:	153
Ion	Ratio	Lower	Upper
128	100		
129	53.5	12.0	18.0#
127	54.5	14.1	21.1#



#11

2-Methylnaphthalene-d10

Concen: 0.298 ng

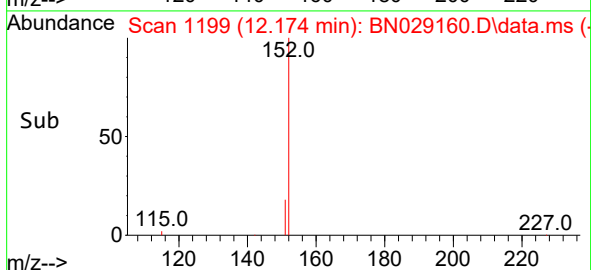
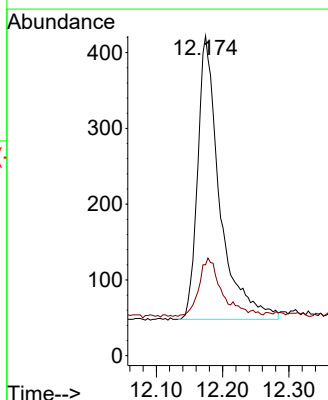
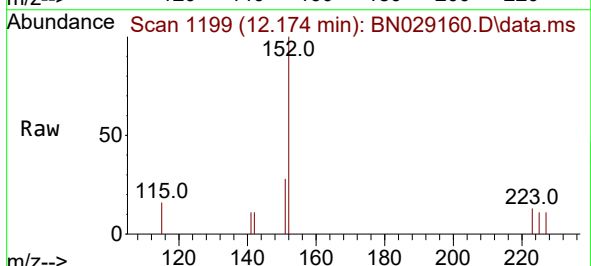
RT: 12.174 min Scan# 1199

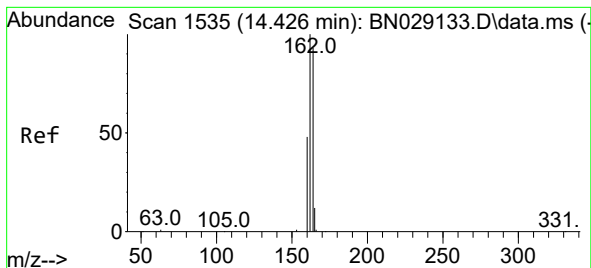
Delta R.T. 0.004 min

Lab File: BN029160.D

Acq: 21 Dec 2023 20:55

Tgt Ion:	152	Resp:	864
Ion	Ratio	Lower	Upper
152	100		
151	18.6	17.4	26.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.426 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN029160.D

Acq: 21 Dec 2023 20:55

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW10A-MW01I-GW-20231205

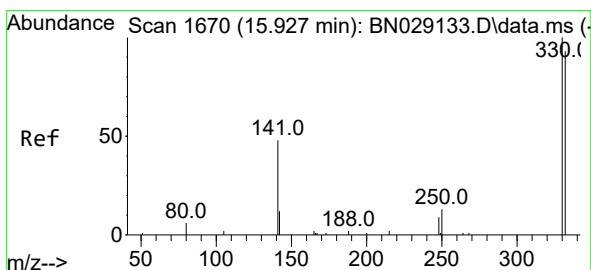
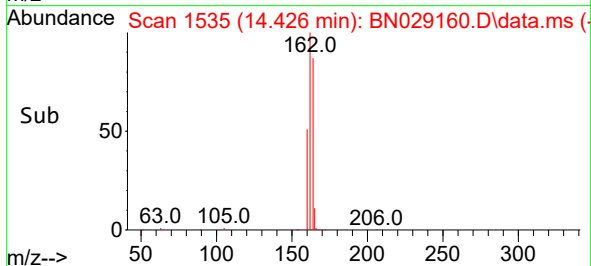
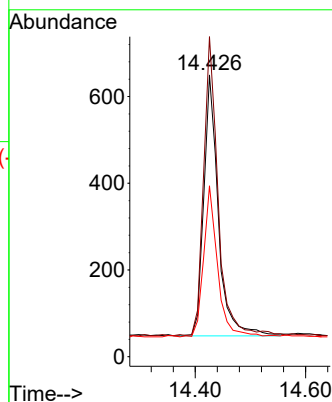
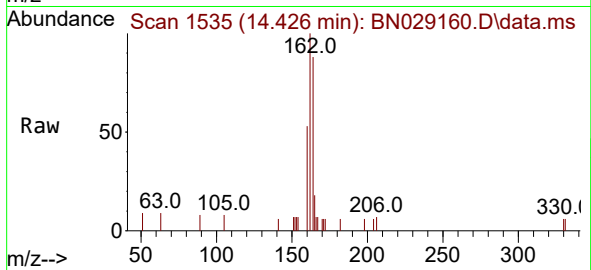
Tgt Ion:164 Resp: 1108

Ion Ratio Lower Upper

164 100

162 113.5 85.0 127.4

160 60.6 45.8 68.8



#14

2,4,6-Tribromophenol

Concen: 0.257 ng

RT: 15.940 min Scan# 1671

Delta R.T. 0.012 min

Lab File: BN029160.D

Acq: 21 Dec 2023 20:55

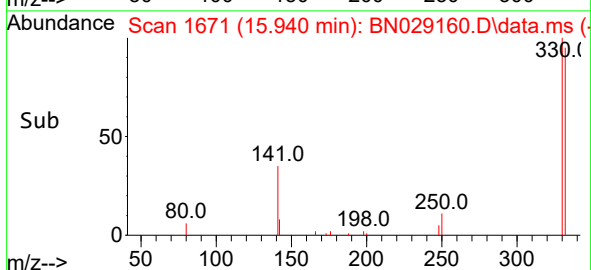
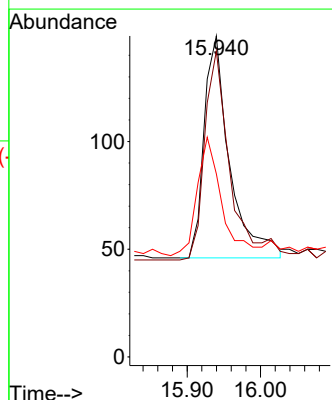
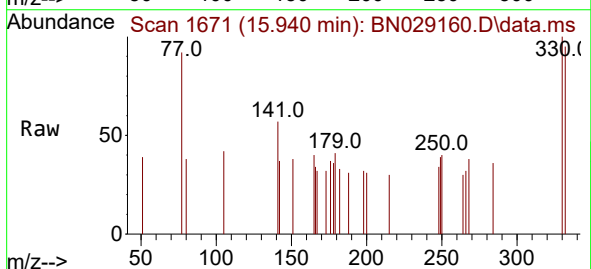
Tgt Ion:330 Resp: 249

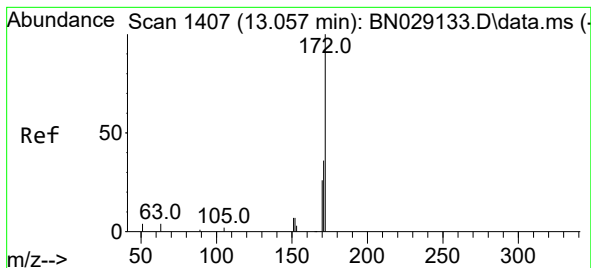
Ion Ratio Lower Upper

330 100

332 94.4 83.4 125.0

141 51.4 43.8 65.8





#15

2-Fluorobiphenyl

Concen: 0.262 ng

RT: 13.057 min Scan# 1407

Delta R.T. -0.000 min

Lab File: BN029160.D

Acq: 21 Dec 2023 20:55

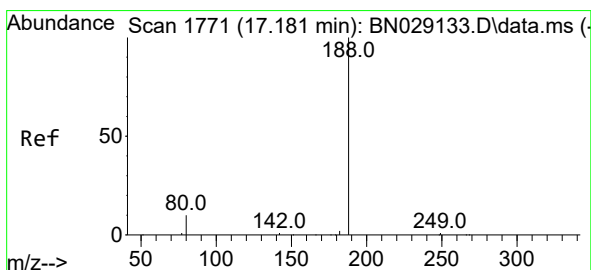
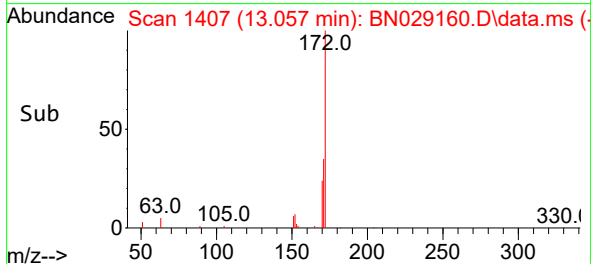
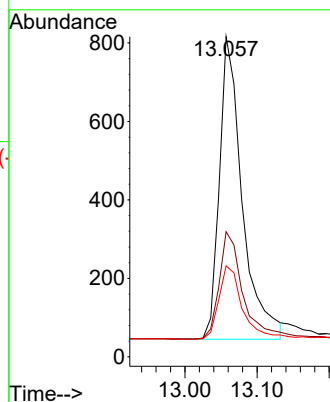
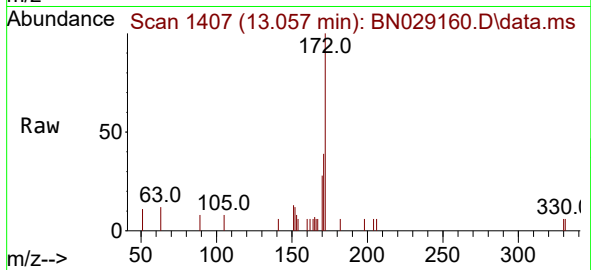
Instrument :

BNA_N

ClientSampleId :

BP-TT-RW10A-MW01I-GW-20231205

Tgt Ion:	172	Resp:	1693
Ion	Ratio	Lower	Upper
172	100		
171	39.1	32.2	48.4
170	28.4	25.0	37.4



#19

Phenanthrene-d10

Concen: 0.400 ng

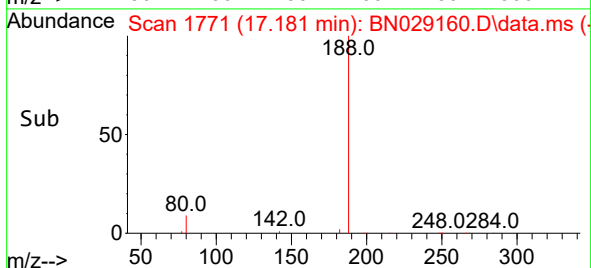
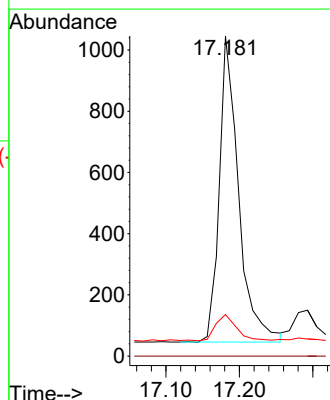
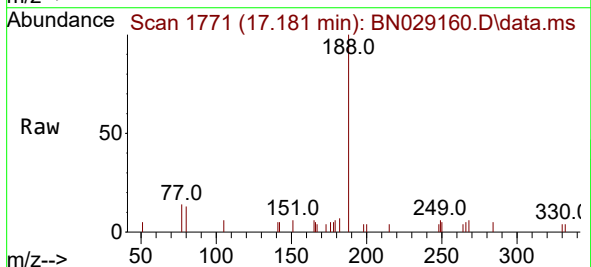
RT: 17.181 min Scan# 1771

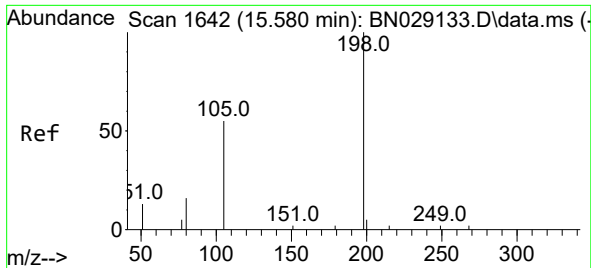
Delta R.T. -0.000 min

Lab File: BN029160.D

Acq: 21 Dec 2023 20:55

Tgt Ion:	188	Resp:	1825
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	13.7	20.5

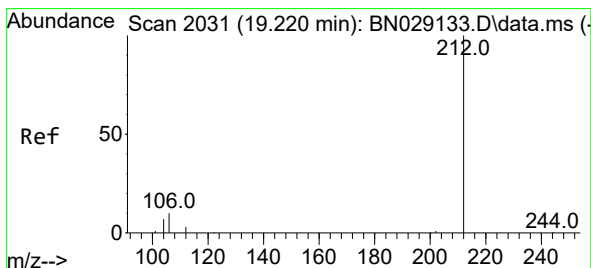
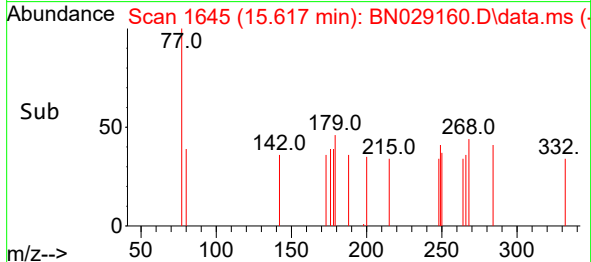
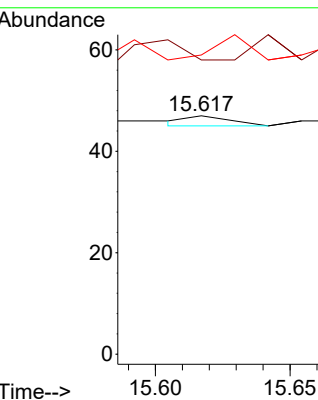
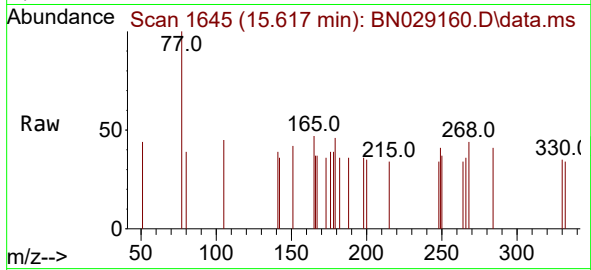




#20
4,6-Dinitro-2-methylphenol
Concen: 0.065 ng
RT: 15.617 min Scan# 10
Delta R.T. 0.037 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

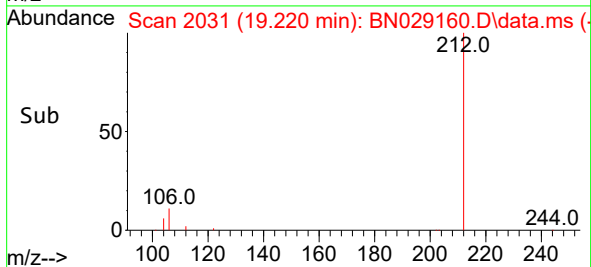
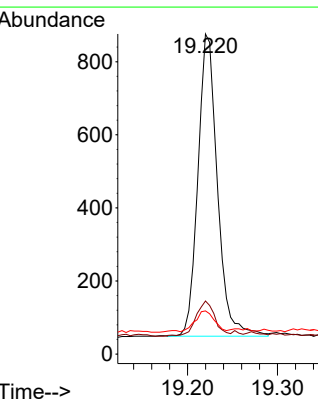
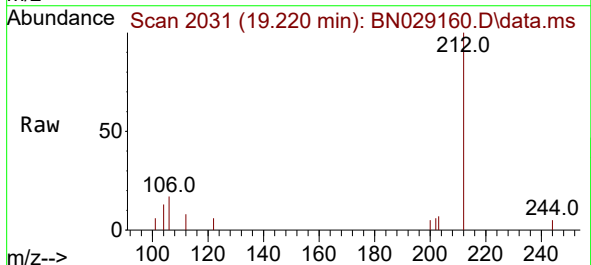
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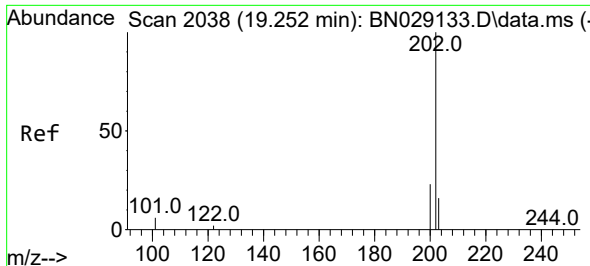
Tgt Ion:198 Resp: 2
Ion Ratio Lower Upper
198 100
51 123.4 53.6 80.4#
105 125.5 65.6 98.4#



#27
Fluoranthene-d10
Concen: 0.282 ng
RT: 19.220 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:212 Resp: 1246
Ion Ratio Lower Upper
212 100
106 11.3 9.6 14.4
104 6.7 6.5 9.7

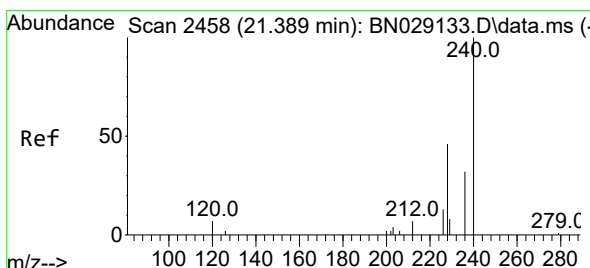
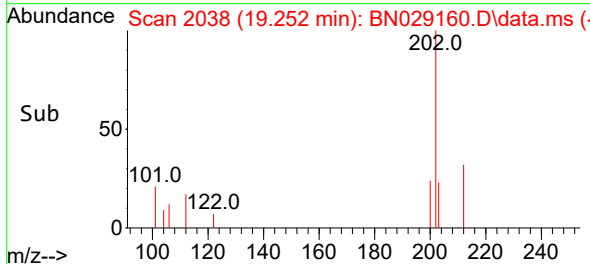
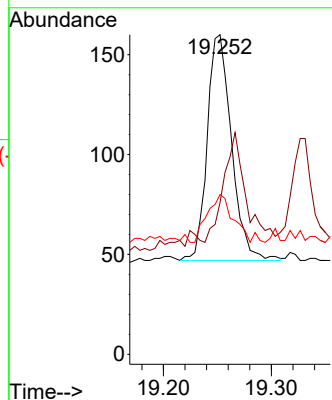
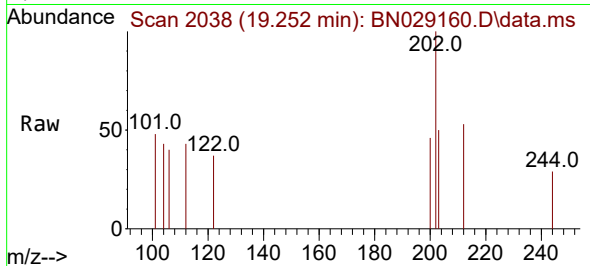




#28
Fluoranthene
Concen: 0.023 ng
RT: 19.252 min Scan# 2038
Delta R.T. -0.000 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

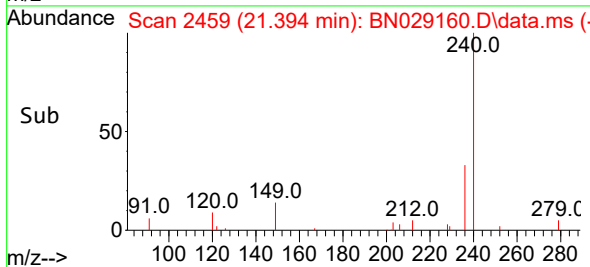
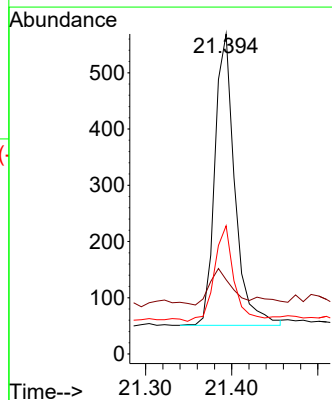
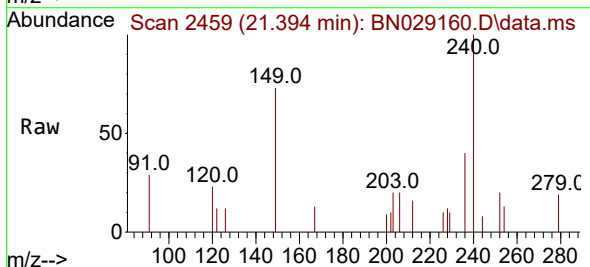
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

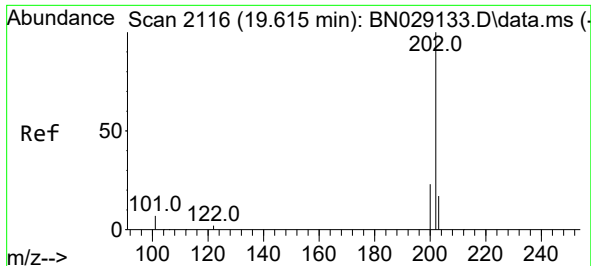
Tgt Ion:202 Resp: 176
Ion Ratio Lower Upper
202 100
101 44.9 5.3 7.9#
203 23.3 13.8 20.6#



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.394 min Scan# 2459
Delta R.T. 0.005 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:240 Resp: 833
Ion Ratio Lower Upper
240 100
120 23.2 21.4 32.0
236 40.1 33.5 50.3

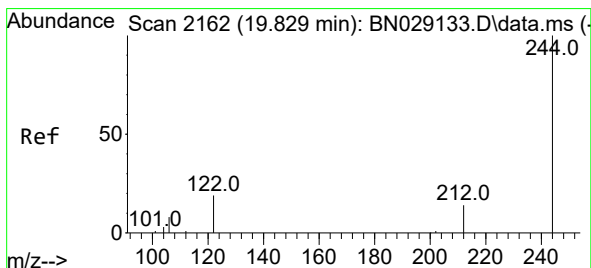
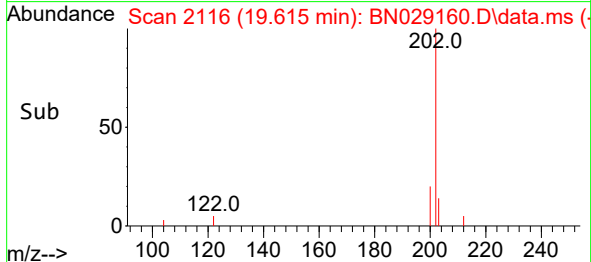
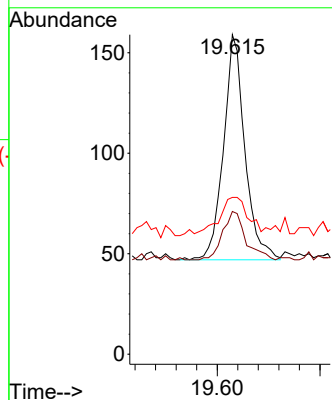
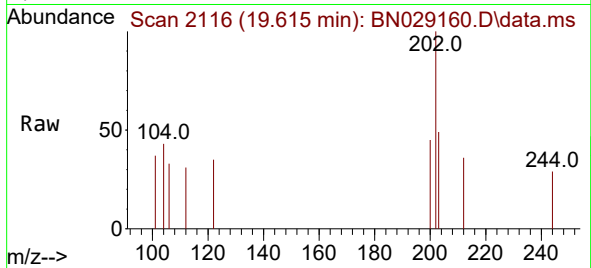




#30
Pyrene
Concen: 0.025 ng
RT: 19.615 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

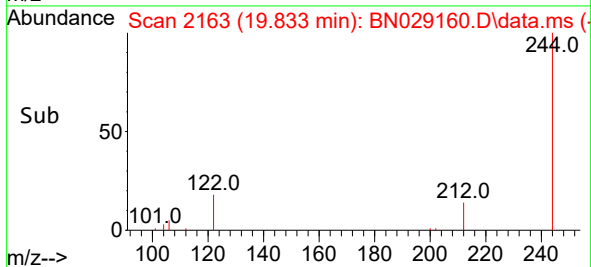
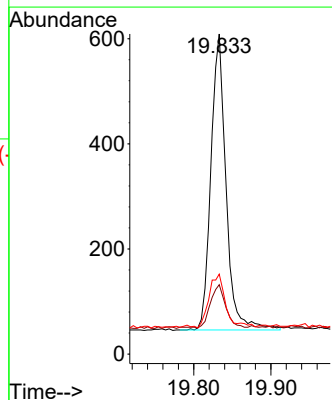
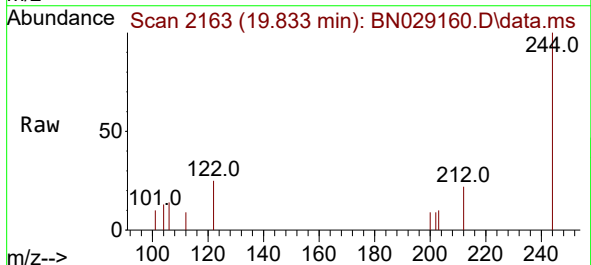
Instrument :
BNA_N
ClientSampleId :
BP-TT-RW10A-MW01I-GW-20231205

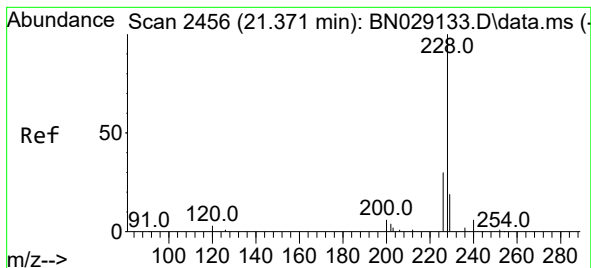
Tgt Ion:202 Resp: 162
Ion Ratio Lower Upper
202 100
200 22.8 18.0 27.0
203 22.8 15.1 22.7#



#31
Terphenyl-d14
Concen: 0.336 ng
RT: 19.833 min Scan# 2163
Delta R.T. 0.005 min
Lab File: BN029160.D
Acq: 21 Dec 2023 20:55

Tgt Ion:244 Resp: 768
Ion Ratio Lower Upper
244 100
212 21.7 19.0 28.6
122 25.0 22.5 33.7





#32

Benzo(a)anthracene

Concen: 0.029 ng

RT: 21.376 min Scan# 2456

Delta R.T. 0.005 min

Lab File: BN029160.D

Acq: 21 Dec 2023 20:55

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW10A-MW01I-GW-20231205

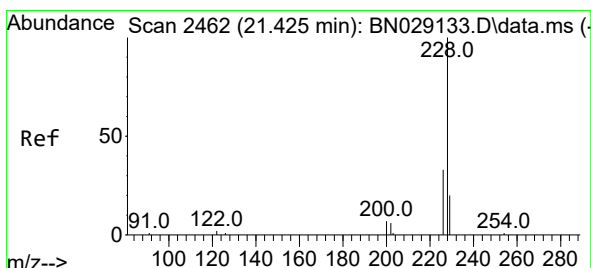
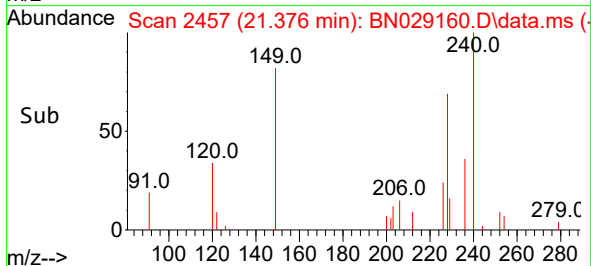
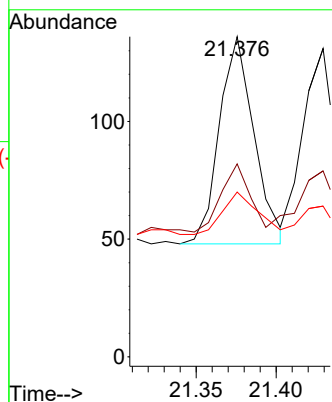
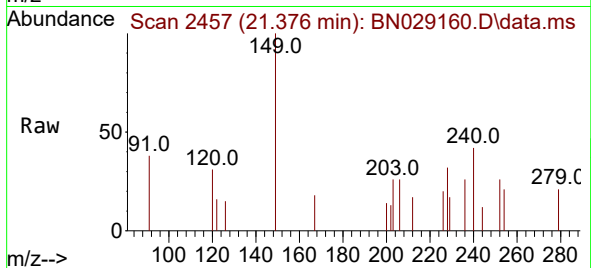
Tgt Ion:228 Resp: 133

Ion Ratio Lower Upper

228 100

226 60.3 27.6 41.4#

229 51.5 19.4 29.0#



#33

Chrysene

Concen: 0.030 ng

RT: 21.429 min Scan# 2463

Delta R.T. 0.005 min

Lab File: BN029160.D

Acq: 21 Dec 2023 20:55

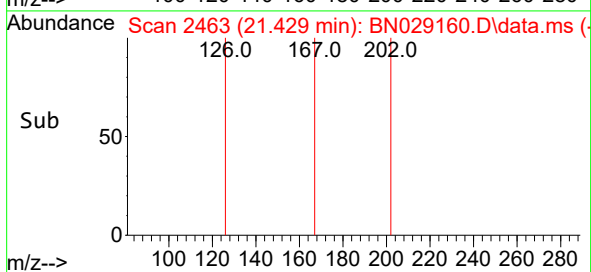
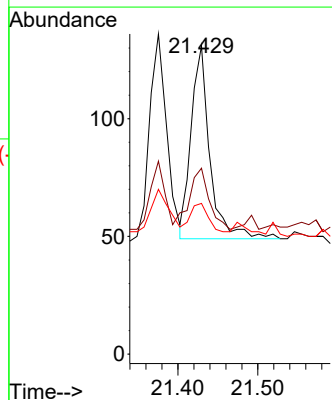
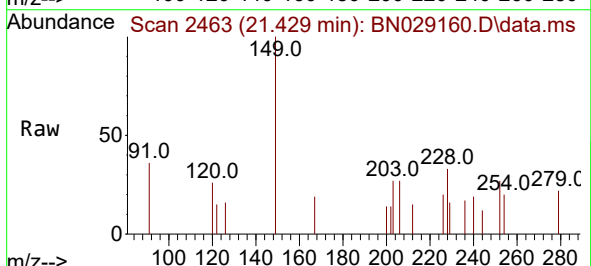
Tgt Ion:228 Resp: 134

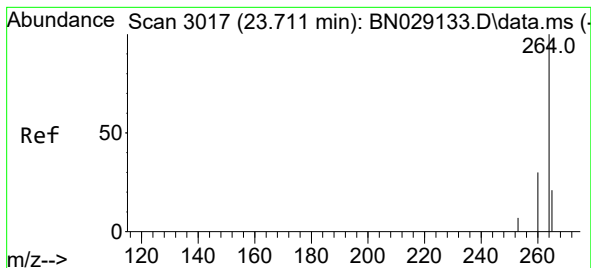
Ion Ratio Lower Upper

228 100

226 60.3 29.2 43.8#

229 48.9 19.3 28.9#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.712 min Scan# 3017

Delta R.T. 0.001 min

Lab File: BN029160.D

Acq: 21 Dec 2023 20:55

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW10A-MW01I-GW-20231205

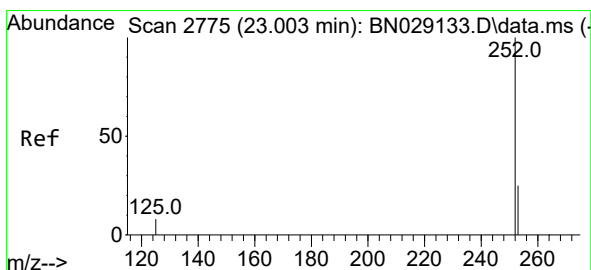
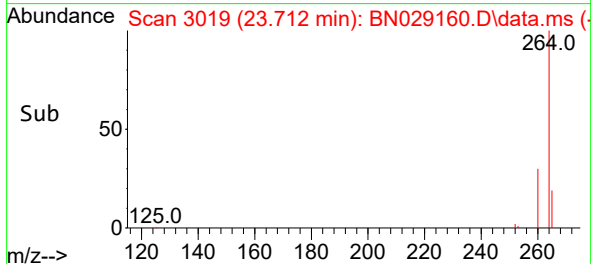
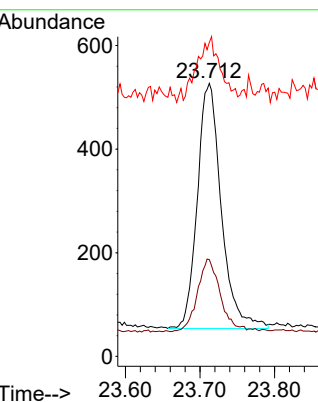
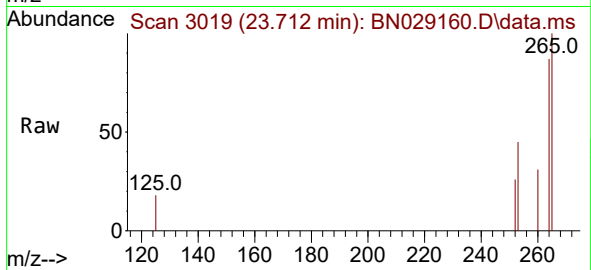
Tgt Ion:264 Resp: 1056

Ion Ratio Lower Upper

264 100

260 35.5 31.0 46.6

265 115.0 105.3 157.9



#37

Benzo(b)fluoranthene

Concen: 0.032 ng

RT: 23.008 min Scan# 2778

Delta R.T. 0.004 min

Lab File: BN029160.D

Acq: 21 Dec 2023 20:55

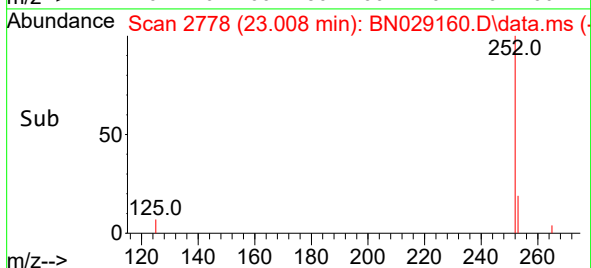
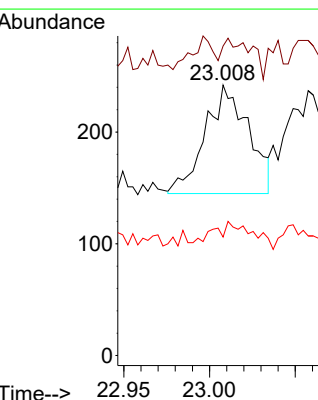
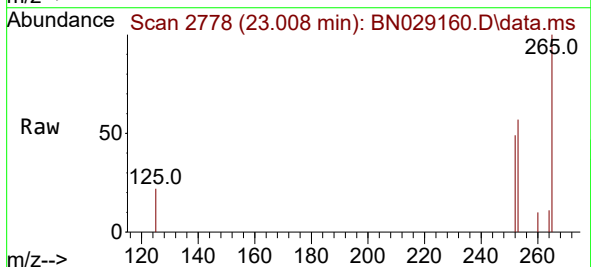
Tgt Ion:252 Resp: 170

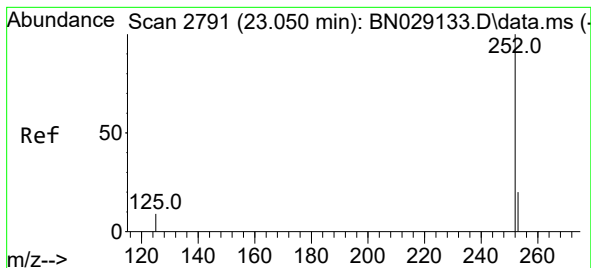
Ion Ratio Lower Upper

252 100

253 114.5 36.0 54.0#

125 43.8 14.6 21.8#





#38

Benzo(k)fluoranthene

Concen: 0.027 ng

RT: 23.058 min Scan# 21

Delta R.T. 0.007 min

Lab File: BN029160.D

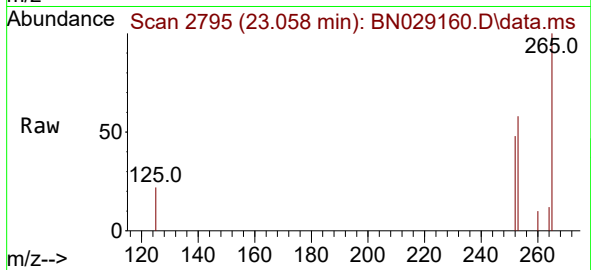
Acq: 21 Dec 2023 20:55

Instrument :

BNA_N

ClientSampleId :

BP-TT-RW10A-MW01I-GW-20231205



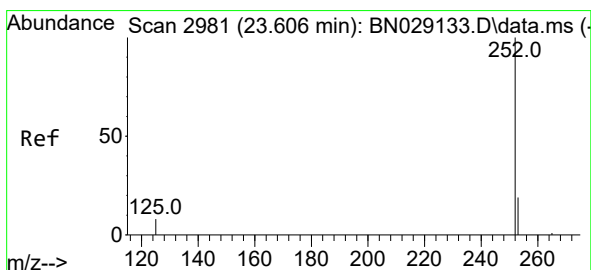
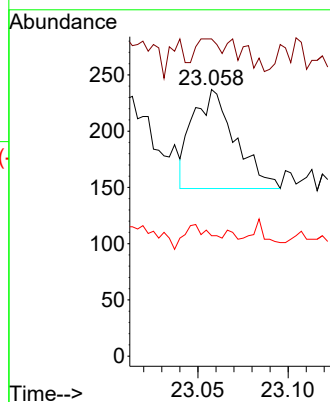
Tgt Ion:252 Resp: 144

Ion Ratio Lower Upper

252 100

253 119.0 35.0 52.6#

125 45.1 14.6 21.8#



#39

Benzo(a)pyrene

Concen: 0.026 ng

RT: 23.610 min Scan# 2984

Delta R.T. 0.004 min

Lab File: BN029160.D

Acq: 21 Dec 2023 20:55

Tgt Ion:252 Resp: 127

Ion Ratio Lower Upper

252 100

253 132.7 40.3 60.5#

125 54.7 16.7 25.1#

