

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122623\
 Data File : BN029191.D
 Acq On : 26 Dec 2023 13:46
 Operator : MA/JU
 Sample : 05996-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04A-440-460-122123

Quant Time: Dec 26 14:16:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 23 03:51:02 2023
 Response via : Initial Calibration

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

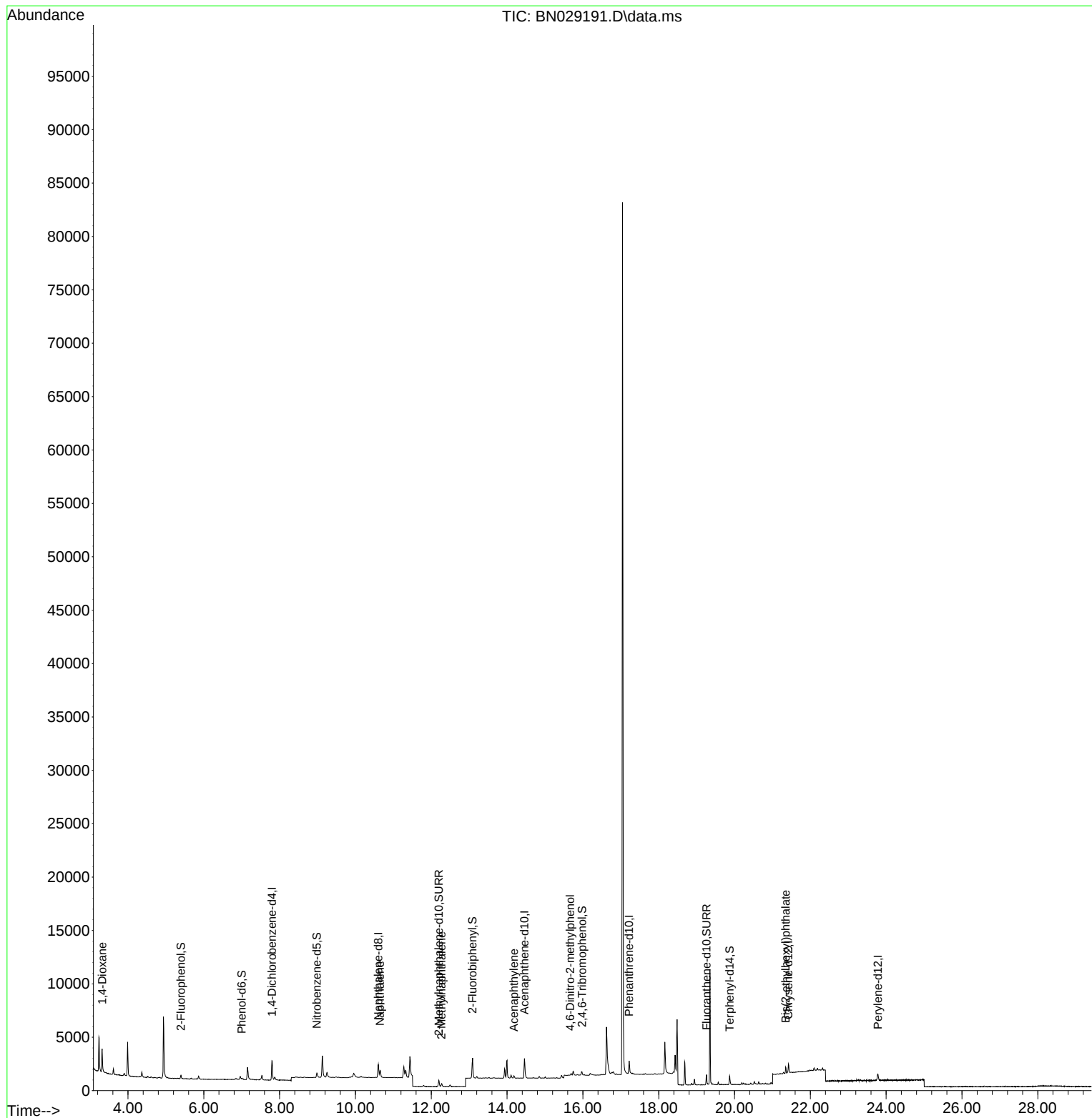
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.797	152	1027	0.400	ng	0.01
7) Naphthalene-d8	10.605	136	1893	0.400	ng	0.03
13) Acenaphthene-d10	14.458	164	1132	0.400	ng	0.03
19) Phenanthrene-d10	17.218	188	1807	0.400	ng	# 0.04
29) Chrysene-d12	21.420	240	731	0.400	ng	0.04
35) Perylene-d12	23.780	264	928	0.400	ng	0.07
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	254	0.108	ng	0.01
5) Phenol-d6	7.002	99	131	0.050	ng	0.01
8) Nitrobenzene-d5	8.982	82	533	0.226	ng	0.02
11) 2-Methylnaphthalene-d10	12.200	152	820	0.264	ng	0.03
14) 2,4,6-Tribromophenol	15.977	330	226	0.272	ng	0.05
15) 2-Fluorobiphenyl	13.089	172	1749	0.273	ng	0.03
27) Fluoranthene-d10	19.262	212	997	0.264	ng	0.04
31) Terphenyl-d14	19.870	244	631	0.296	ng	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	1863	2.054	ng	95
9) Naphthalene	10.648	128	998	0.171	ng	# 92
12) 2-Methylnaphthalene	12.272	142	197	0.048	ng	# 89
16) Acenaphthylene	14.180	152	264	0.035	ng	# 94
20) 4,6-Dinitro-2-methylph...	15.667	198	5	0.185	ng	# 42
34) Bis(2-ethylhexyl)phtha...	21.349	149	713	0.135	ng	# 95

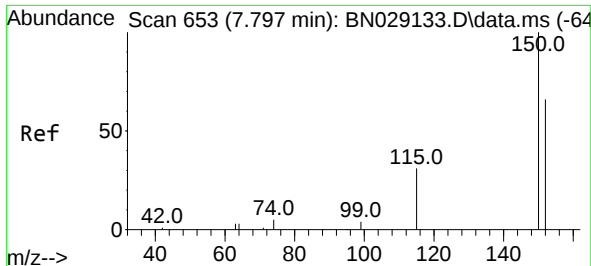
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122623\
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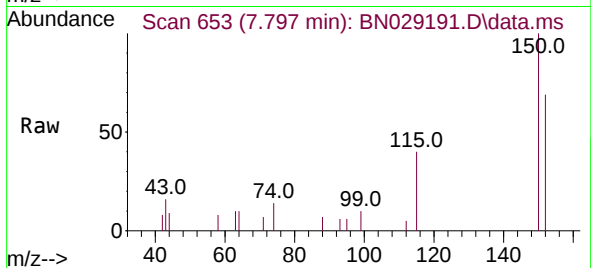
Quant Time: Dec 26 14:16:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122223.M
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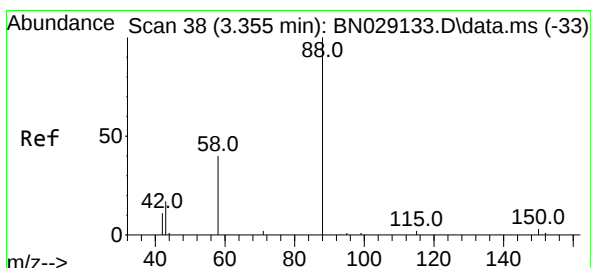
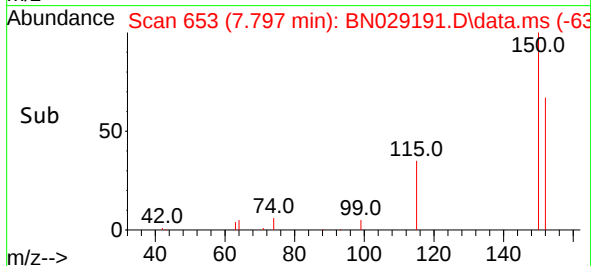
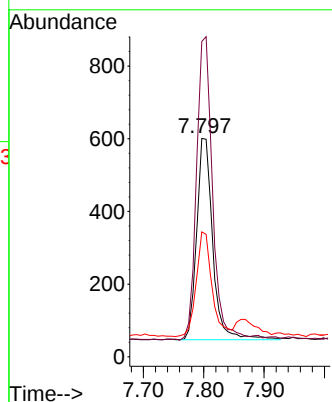
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.797 min Scan# 61
 Delta R.T. 0.015 min
 Lab File: BN029191.D
 Acq: 26 Dec 2023 13:46

Instrument :
 BNA_N
 ClientSampleId :
 GWOW-BR-04A-440-460-122123



Tgt Ion: 152 Resp: 1027

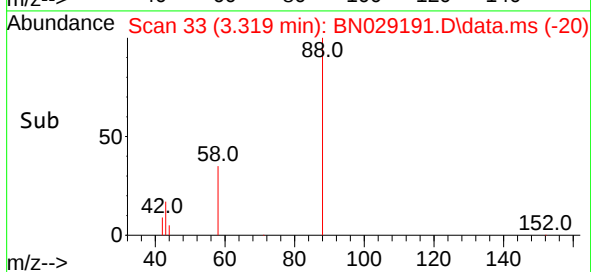
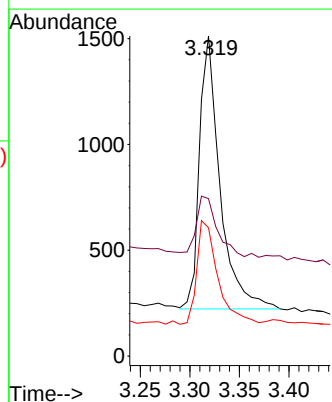
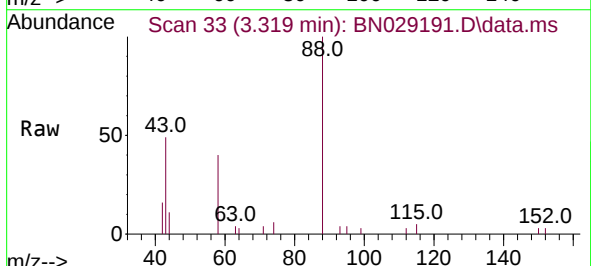
Ion	Ratio	Lower	Upper
152	100		
150	144.4	117.5	176.3
115	57.2	46.3	69.5

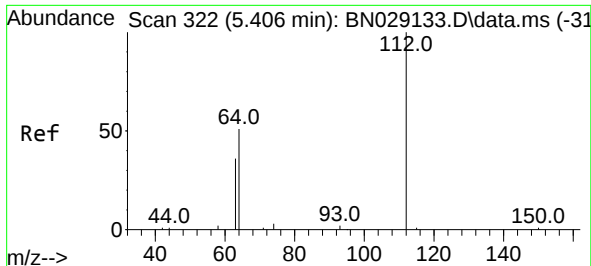


#2
 1,4-Dioxane
 Concen: 2.054 ng
 RT: 3.319 min Scan# 33
 Delta R.T. -0.007 min
 Lab File: BN029191.D
 Acq: 26 Dec 2023 13:46

Tgt Ion: 88 Resp: 1863

Ion	Ratio	Lower	Upper
88	100		
43	22.0	19.1	28.7
58	38.9	28.2	42.4

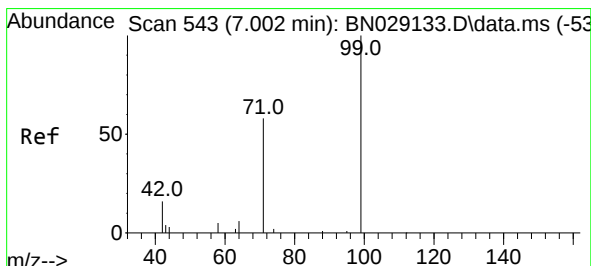
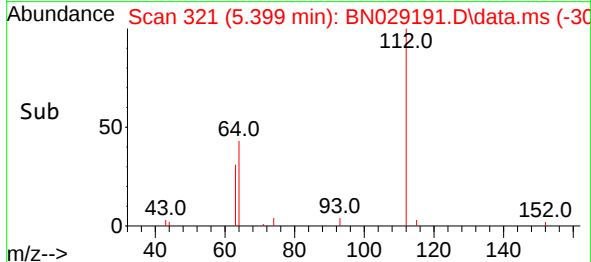
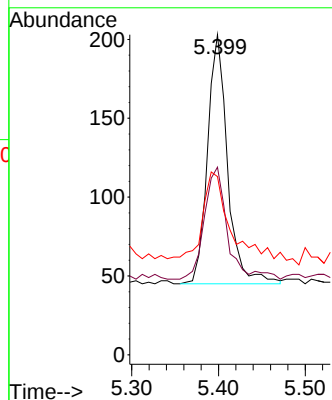
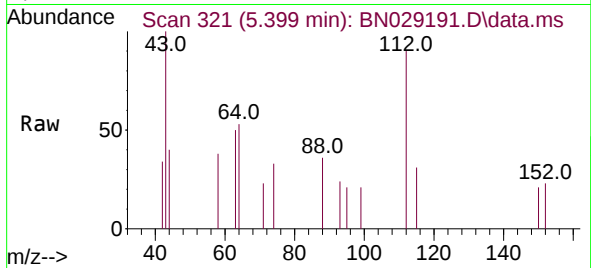




#4
2-Fluorophenol
Concen: 0.108 ng
RT: 5.399 min Scan# 31
Delta R.T. 0.014 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

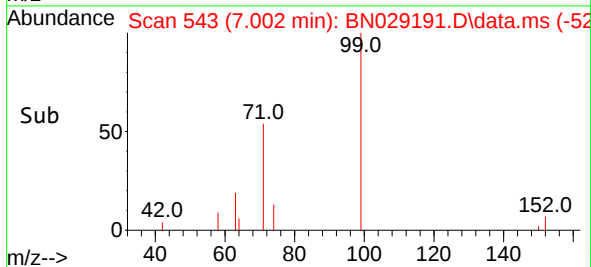
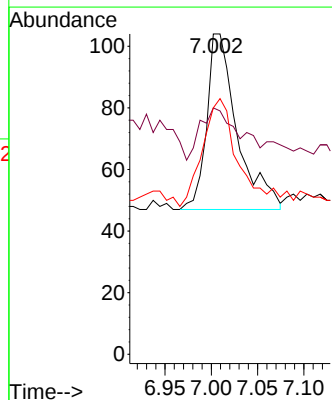
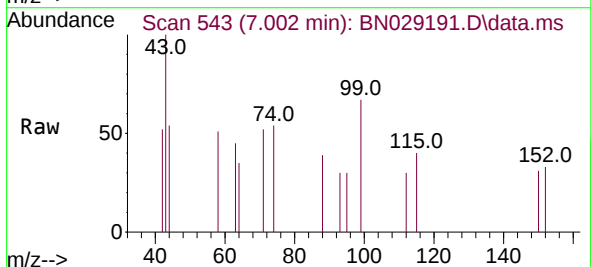
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04A-440-460-122123

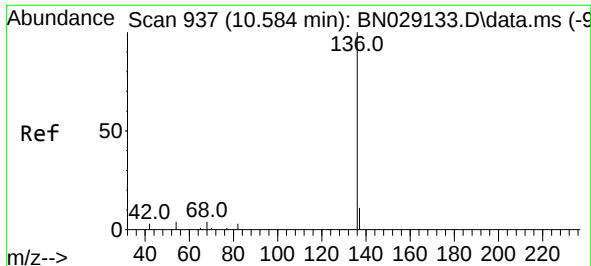
Tgt Ion:	112	Resp:	254
Ion	Ratio	Lower	Upper
112	100		
64	48.8	37.8	56.6
63	58.3	29.4	44.0#



#5
Phenol-d6
Concen: 0.050 ng
RT: 7.002 min Scan# 543
Delta R.T. 0.014 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

Tgt Ion:	99	Resp:	131
Ion	Ratio	Lower	Upper
99	100		
42	37.4	16.8	25.2#
71	73.3	43.4	65.2#

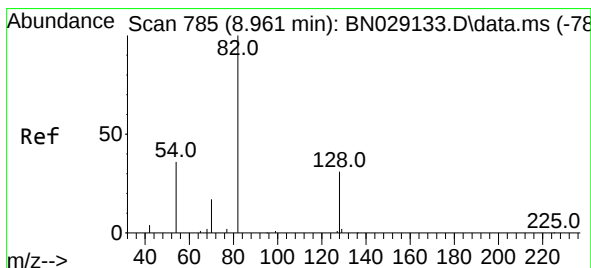
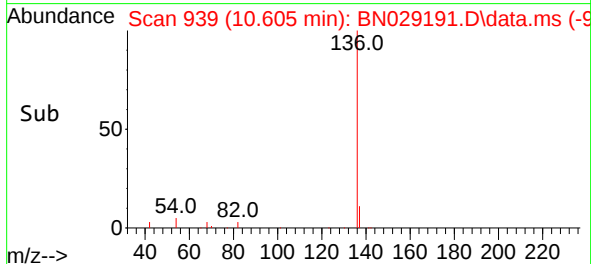
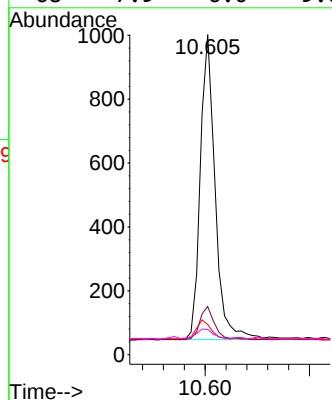
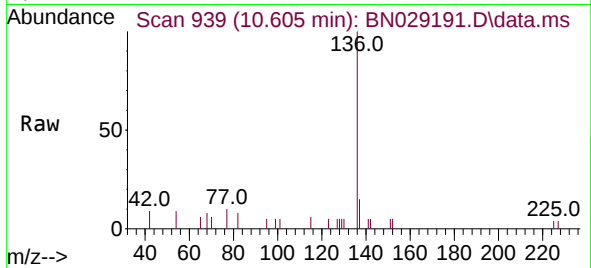




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.605 min Scan# 91
Delta R.T. 0.032 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

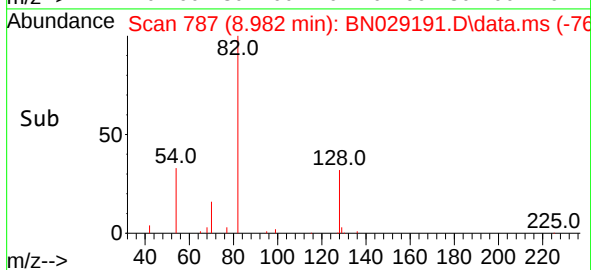
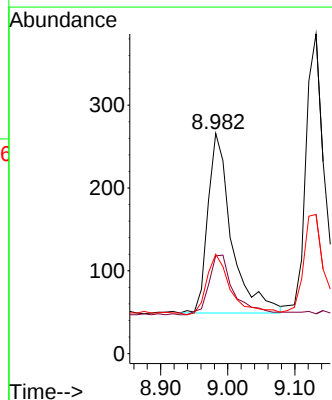
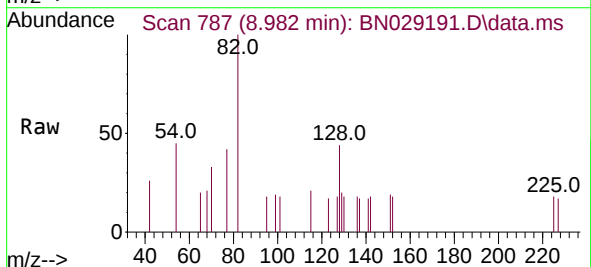
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04A-440-460-122123

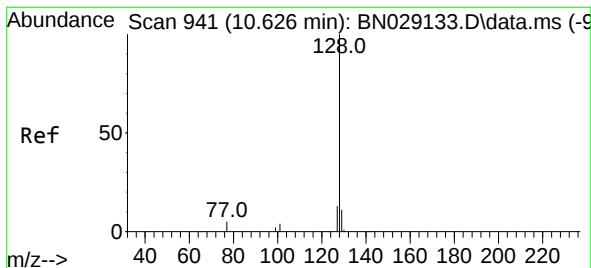
Tgt Ion:	136	Resp:	1893
Ion	Ratio	Lower	Upper
136	100		
137	15.1	12.1	18.1
54	9.5	7.2	10.8
68	7.9	6.0	9.0



#8
Nitrobenzene-d5
Concen: 0.226 ng
RT: 8.982 min Scan# 787
Delta R.T. 0.021 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

Tgt Ion:	82	Resp:	533
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.5	51.7
54	45.1	33.4	50.0





#9

Naphthalene

Concen: 0.171 ng

RT: 10.648 min Scan# 941

Delta R.T. 0.032 min

Lab File: BN029191.D

Acq: 26 Dec 2023 13:46

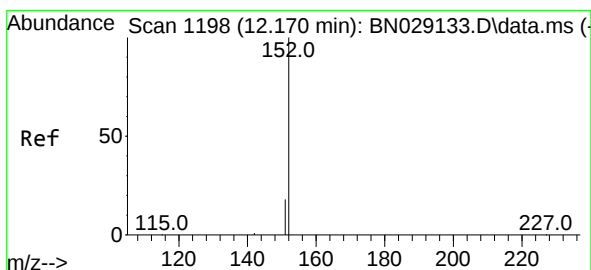
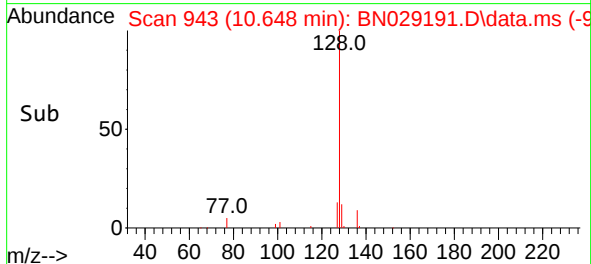
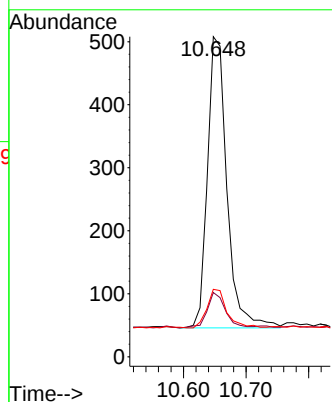
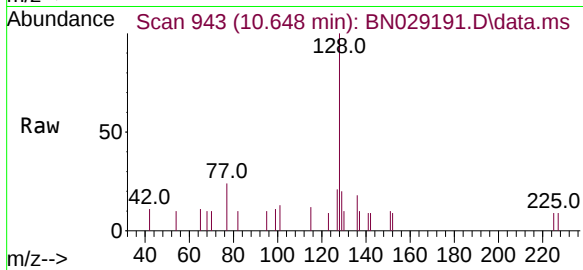
Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04A-440-460-122123

Tgt Ion:	128	Resp:	998
Ion	Ratio	Lower	Upper
128	100		
129	20.1	13.0	19.6#
127	21.1	14.4	21.6



#11

2-Methylnaphthalene-d10

Concen: 0.264 ng

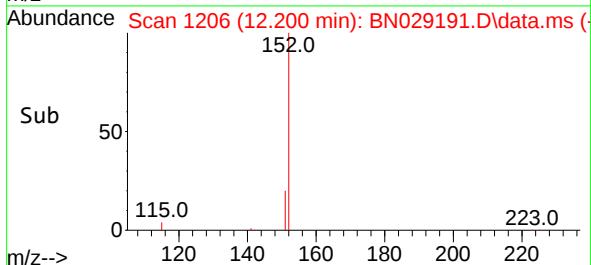
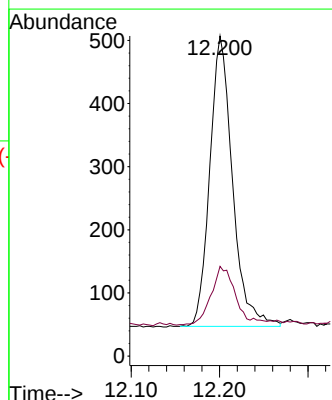
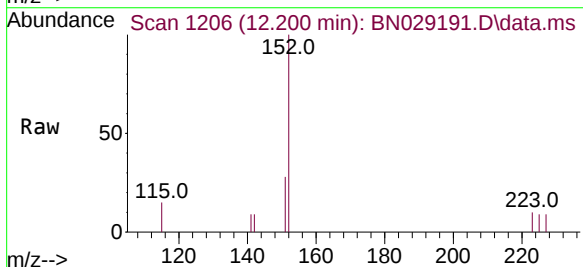
RT: 12.200 min Scan# 1206

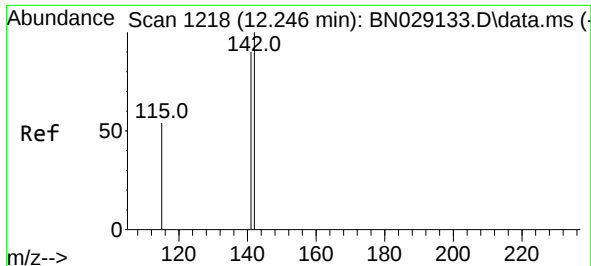
Delta R.T. 0.034 min

Lab File: BN029191.D

Acq: 26 Dec 2023 13:46

Tgt Ion:	152	Resp:	820
Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.4	26.0

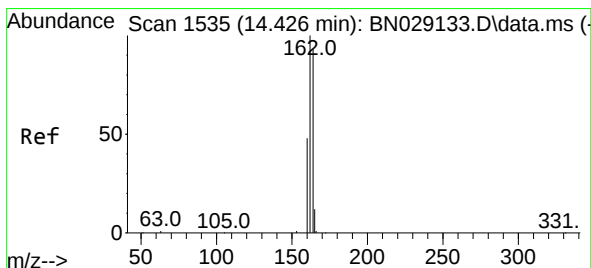
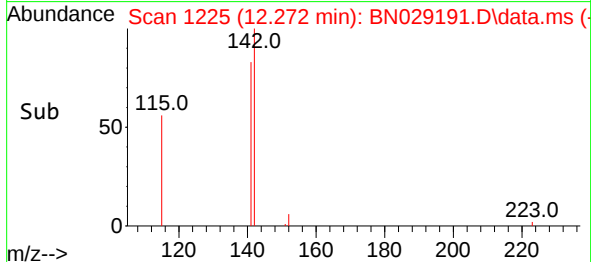
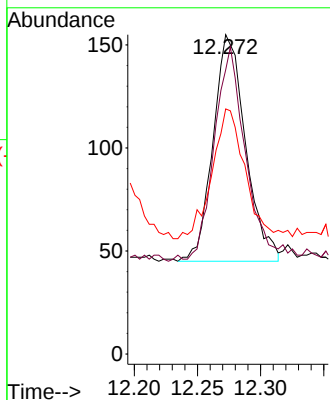
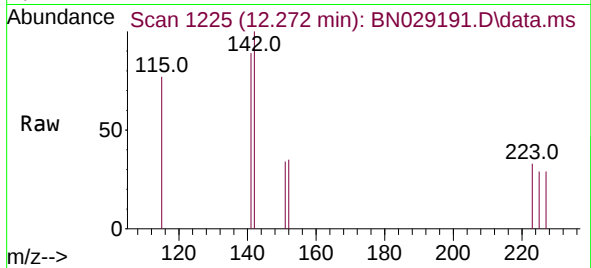




#12
2-Methylnaphthalene
Concen: 0.048 ng
RT: 12.272 min Scan# 11
Delta R.T. 0.030 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

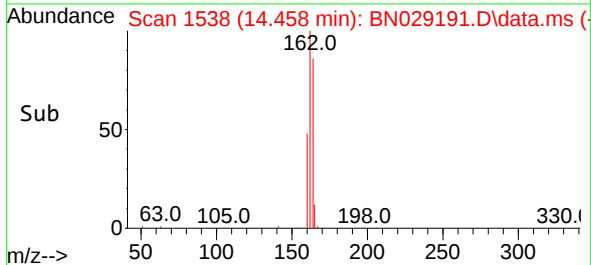
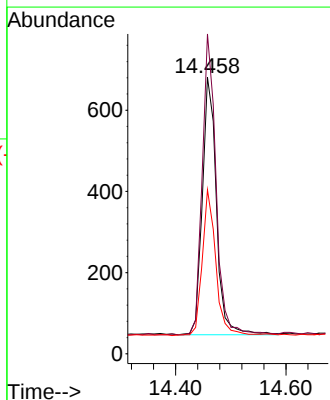
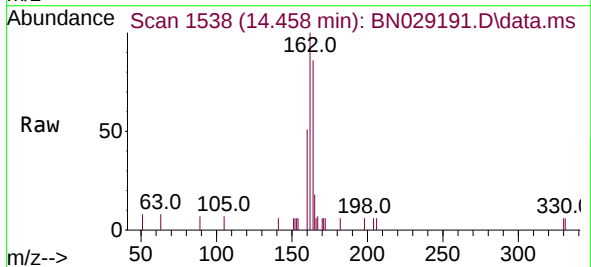
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04A-440-460-122123

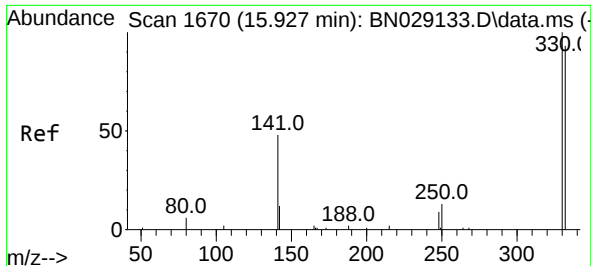
Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9
115	76.8	46.1	69.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.458 min Scan# 1538
Delta R.T. 0.032 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	115.7	88.2	132.2
160	59.3	44.9	67.3

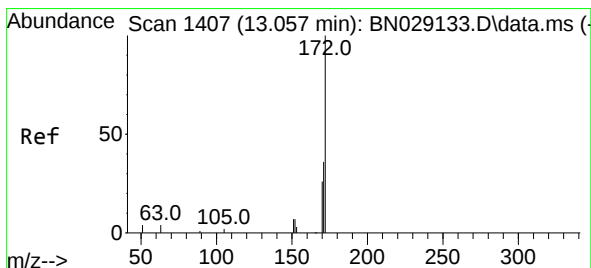
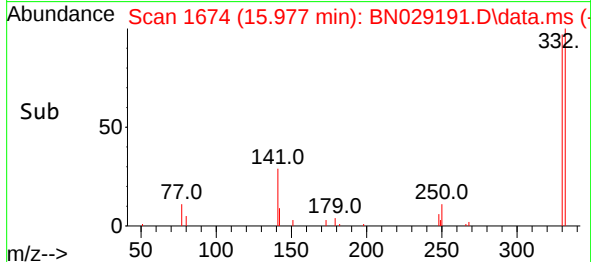
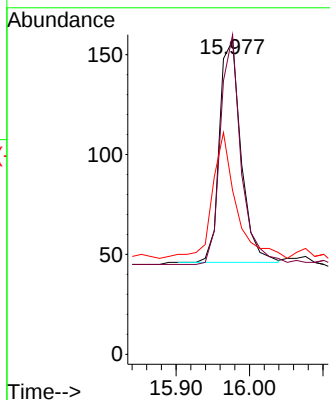
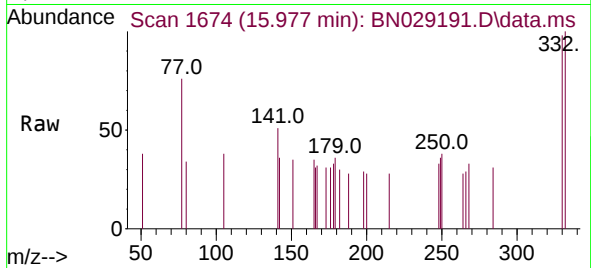




#14
2,4,6-Tribromophenol
Concen: 0.272 ng
RT: 15.977 min Scan# 1
Delta R.T. 0.050 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

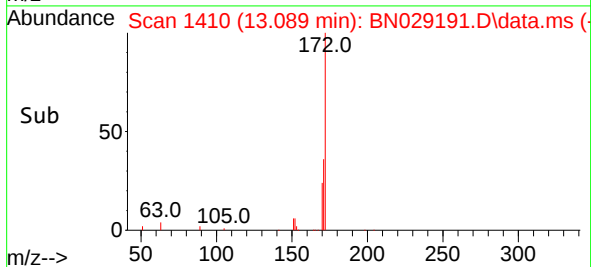
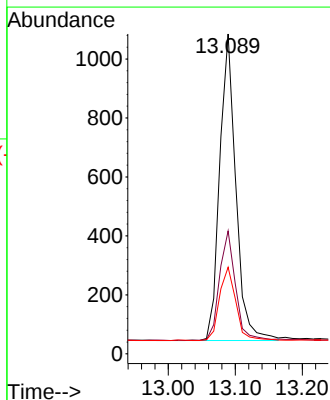
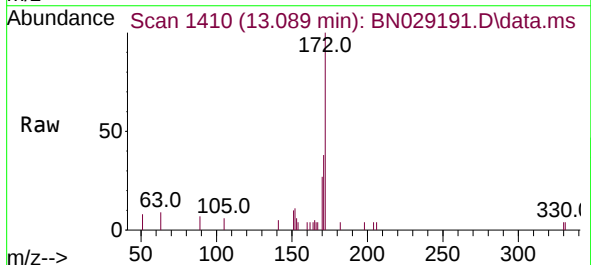
Instrument :
BNA_N
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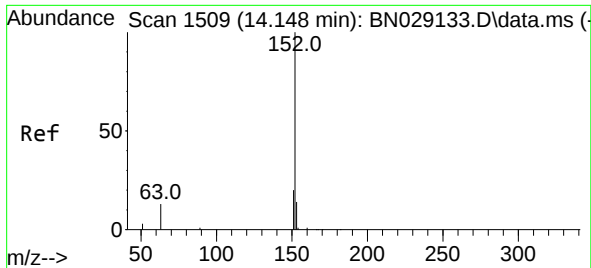
Tgt Ion: 330 Resp: 226
Ion Ratio Lower Upper
330 100
332 99.6 77.6 116.4
141 61.9 40.2 60.2#



#15
2-Fluorobiphenyl
Concen: 0.273 ng
RT: 13.089 min Scan# 1410
Delta R.T. 0.032 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

Tgt Ion: 172 Resp: 1749
Ion Ratio Lower Upper
172 100
171 38.4 31.4 47.0
170 27.1 22.8 34.2

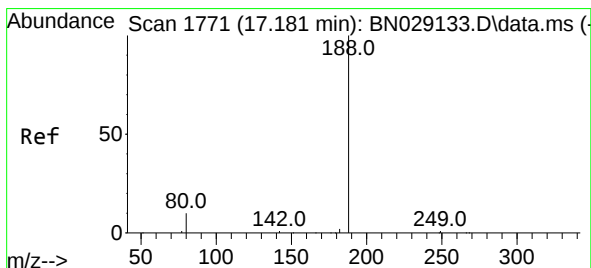
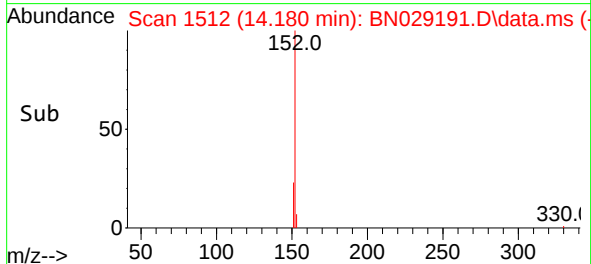
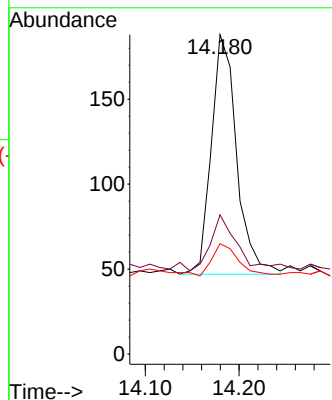
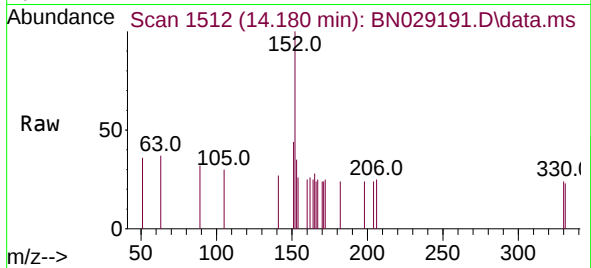




#16
Acenaphthylene
Concen: 0.035 ng
RT: 14.180 min Scan# 1512
Delta R.T. 0.032 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

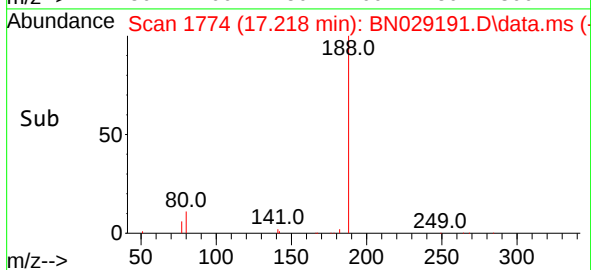
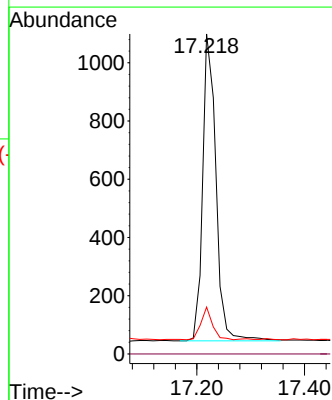
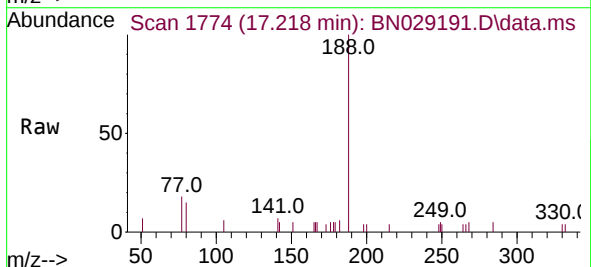
Instrument :
BNA_N
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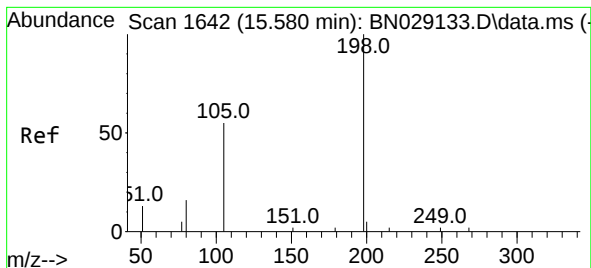
Tgt Ion:152	Resp:	264
Ion Ratio	Lower	Upper
152	100	
151	23.5	15.1 22.7#
153	12.9	10.3 15.5



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.218 min Scan# 1774
Delta R.T. 0.037 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

Tgt Ion:188	Resp:	1807
Ion Ratio	Lower	Upper
188	100	
94	0.0	0.0 0.0
80	14.6	8.9 13.3#

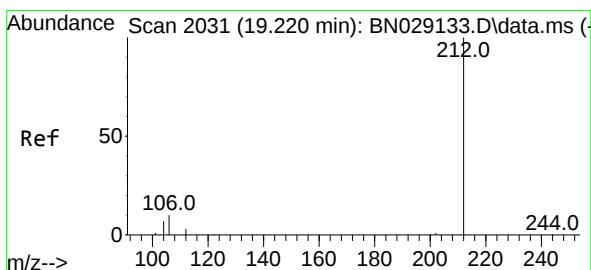
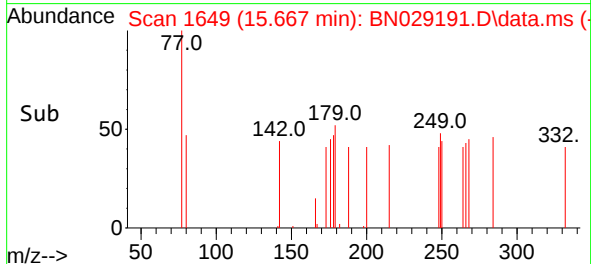
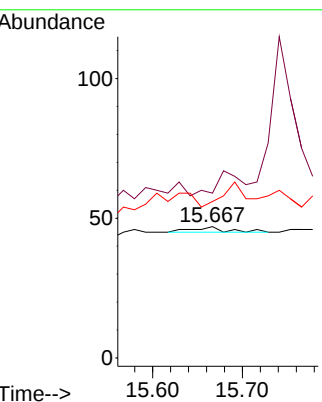
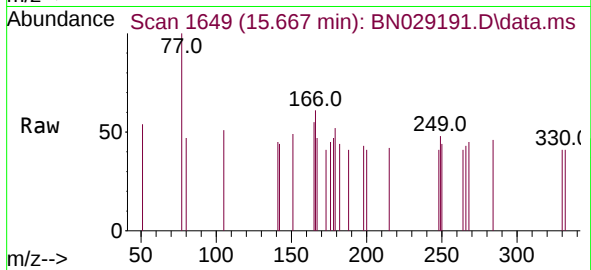




#20
4,6-Dinitro-2-methylphenol
Concen: 0.185 ng
RT: 15.667 min Scan# 1
Delta R.T. 0.087 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

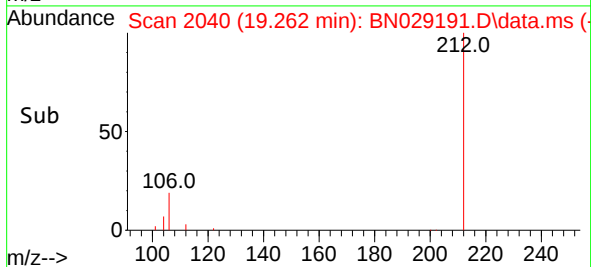
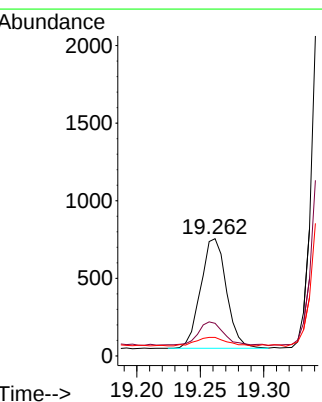
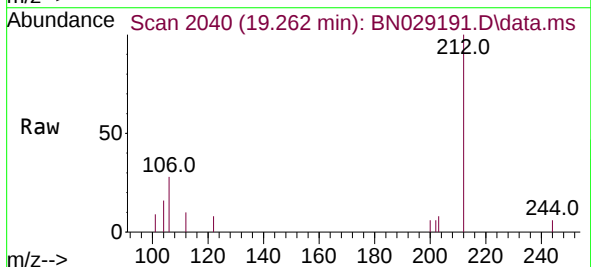
Instrument :
BNA_N
ClientSampleId :
GWOW-BR-04A-440-460-122123

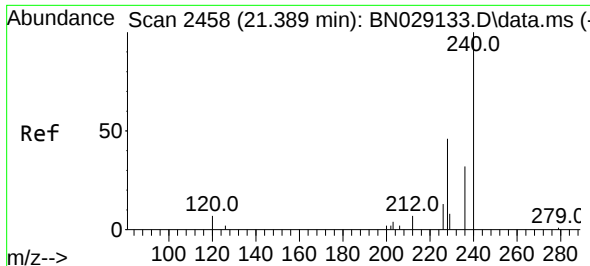
Tgt Ion:198 Resp: 5
Ion Ratio Lower Upper
198 100
51 125.5 56.0 84.0#
105 119.1 61.6 92.4#



#27
Fluoranthene-d10
Concen: 0.264 ng
RT: 19.262 min Scan# 2040
Delta R.T. 0.042 min
Lab File: BN029191.D
Acq: 26 Dec 2023 13:46

Tgt Ion:212 Resp: 997
Ion Ratio Lower Upper
212 100
106 22.2 9.6 14.4#
104 9.0 5.8 8.6#





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.420 min Scan# 2462

Delta R.T. 0.036 min

Lab File: BN029191.D

Acq: 26 Dec 2023 13:46

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04A-440-460-122123

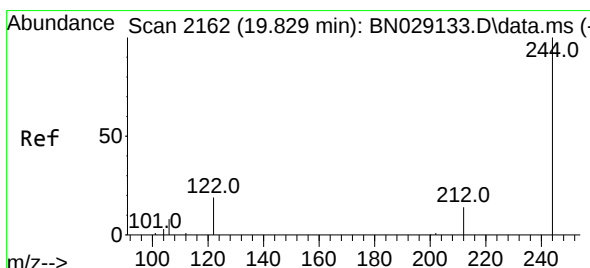
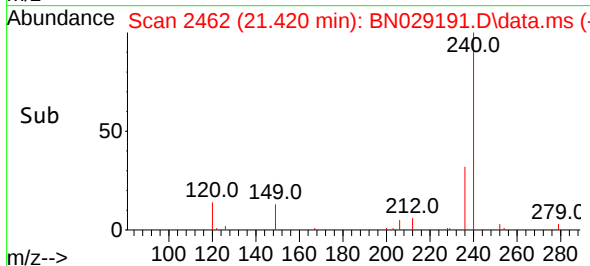
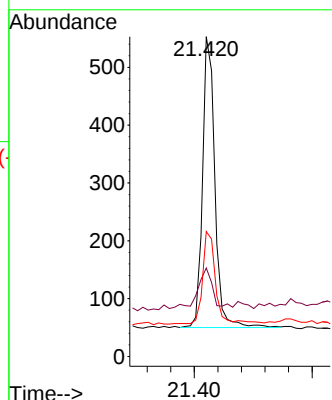
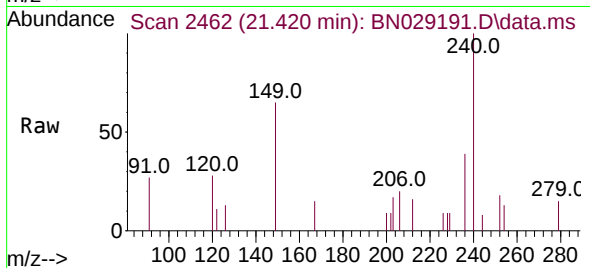
Tgt Ion:240 Resp: 731

Ion Ratio Lower Upper

240 100

120 27.7 23.9 35.9

236 39.1 31.3 46.9



#31

Terphenyl-d14

Concen: 0.296 ng

RT: 19.870 min Scan# 2171

Delta R.T. 0.037 min

Lab File: BN029191.D

Acq: 26 Dec 2023 13:46

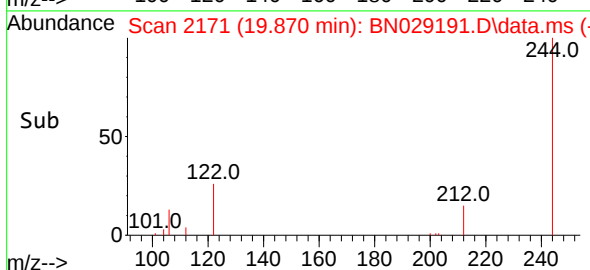
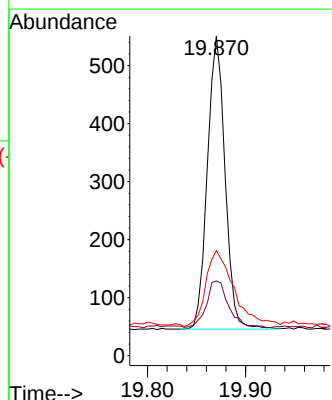
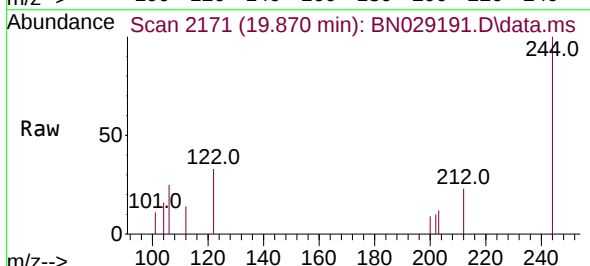
Tgt Ion:244 Resp: 631

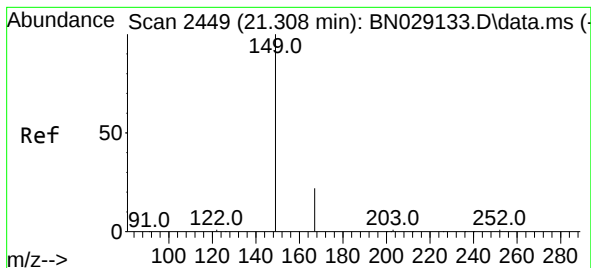
Ion Ratio Lower Upper

244 100

212 23.4 18.9 28.3

122 32.8 22.5 33.7





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.135 ng

RT: 21.349 min Scan# 2449

Delta R.T. 0.036 min

Lab File: BN029191.D

Acq: 26 Dec 2023 13:46

Instrument :

BNA_N

ClientSampleId :

GWOW-BR-04A-440-460-122123

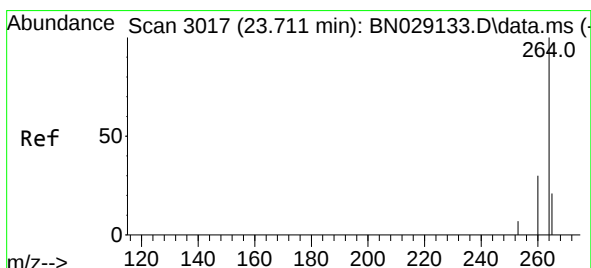
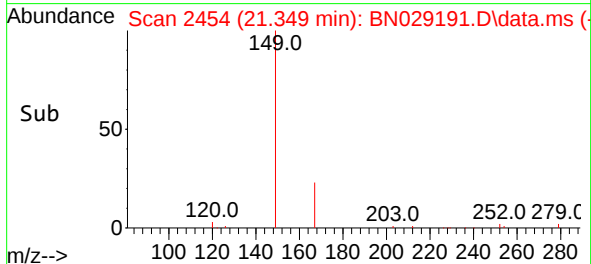
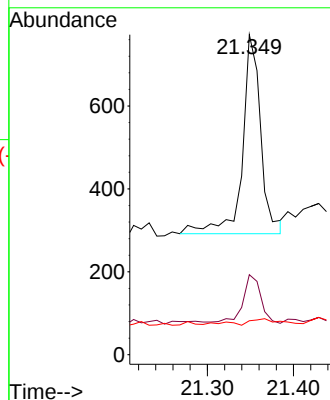
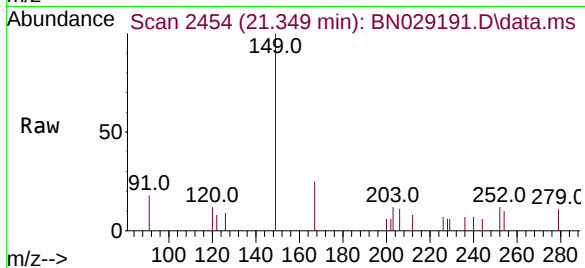
Tgt Ion:149 Resp: 713

Ion Ratio Lower Upper

149 100

167 23.7 20.8 31.2

279 5.6 1.7 2.5#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.780 min Scan# 3042

Delta R.T. 0.070 min

Lab File: BN029191.D

Acq: 26 Dec 2023 13:46

Tgt Ion:264 Resp: 928

Ion Ratio Lower Upper

264 100

260 34.6 27.1 40.7

265 110.5 99.4 149.2

