

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
 Data File : BN029222.D
 Acq On : 28 Dec 2023 19:48
 Operator : MA/JU
 Sample : 05967-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 COLT1

Quant Time: Dec 29 01:37:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 28 01:20:47 2023
 Response via : Initial Calibration

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

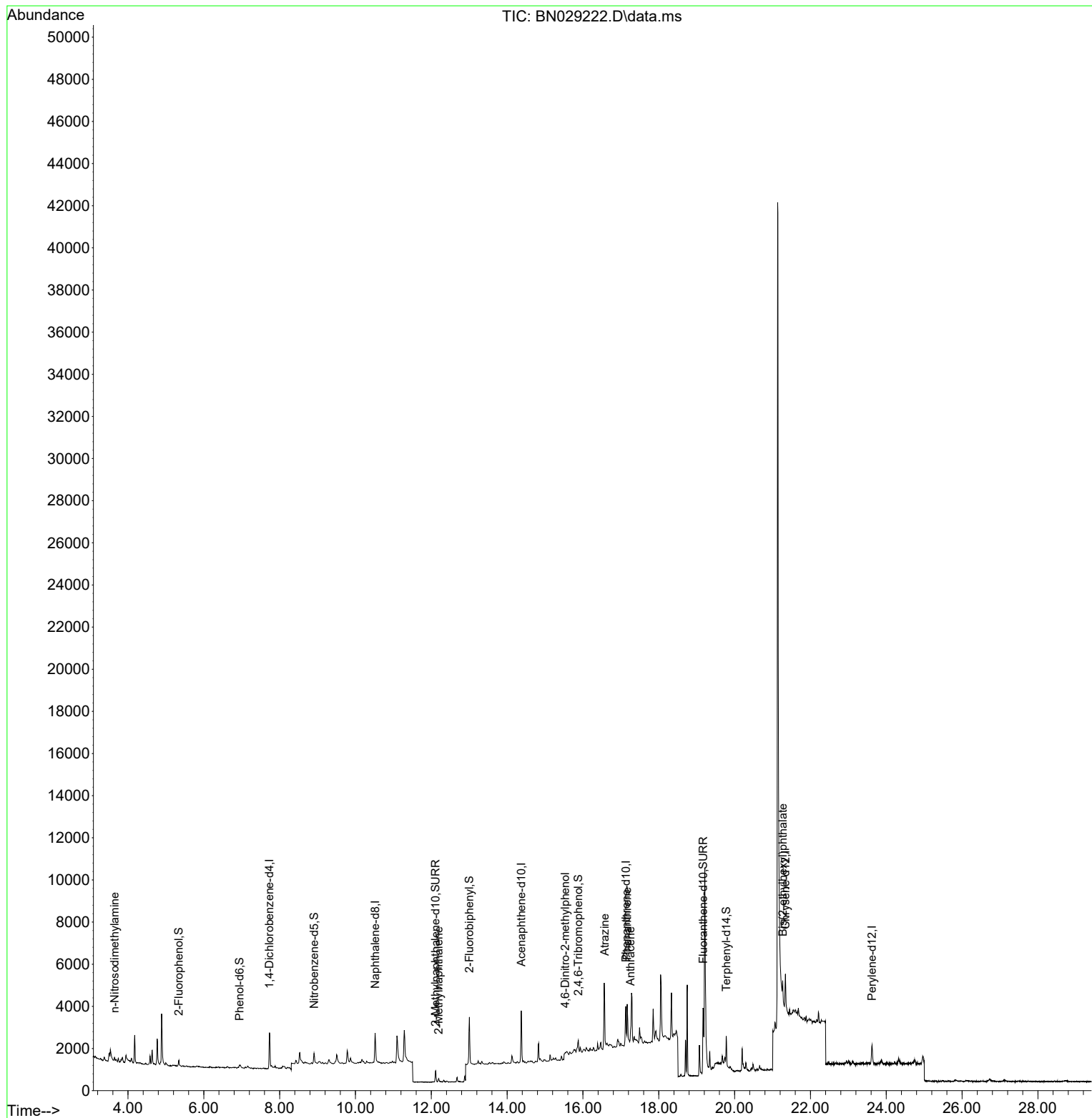
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.731	152	932	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	2119	0.400	ng	# 0.00
13) Acenaphthene-d10	14.372	164	1355	0.400	ng	0.00
19) Phenanthrene-d10	17.131	188	2491	0.400	ng	0.00
29) Chrysene-d12	21.340	240	1198	0.400	ng	0.00
35) Perylene-d12	23.624	264	1154	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	215	0.099	ng	0.00
5) Phenol-d6	6.944	99	139	0.057	ng	0.00
8) Nitrobenzene-d5	8.907	82	584	0.220	ng	0.00
11) 2-Methylnaphthalene-d10	12.113	152	790	0.216	ng	0.00
14) 2,4,6-Tribromophenol	15.877	330	281	0.269	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	1976	0.272	ng	0.00
27) Fluoranthene-d10	19.169	212	1389	0.274	ng	0.00
31) Terphenyl-d14	19.782	244	1154	0.311	ng	0.00
Target Compounds						
						Qvalue
3) n-Nitrosodimethylamine	3.644	42	20	0.028	ng	# 32
12) 2-Methylnaphthalene	12.193	142	143	0.030	ng	# 76
20) 4,6-Dinitro-2-methylph...	15.530	198	3	0.106	ng	# 1
23) Atrazine	16.573	200	366	0.175	ng	# 76
25) Phenanthrene	17.168	178	282	0.026	ng	# 30
26) Anthracene	17.255	178	801	0.074	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.268	149	739	0.074	ng	92

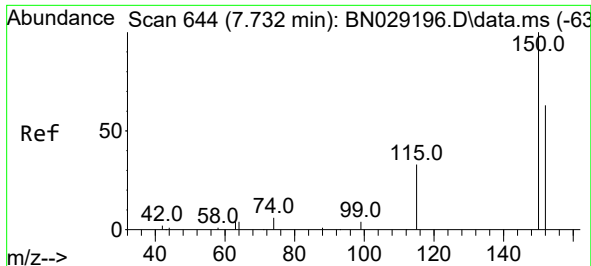
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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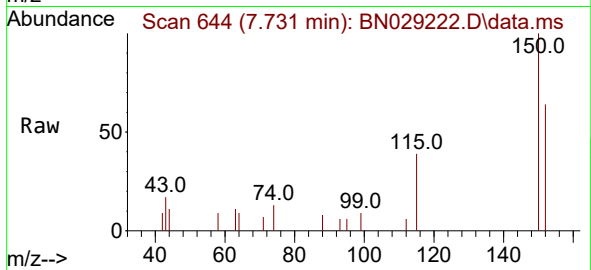
Quant Time: Dec 29 01:37:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
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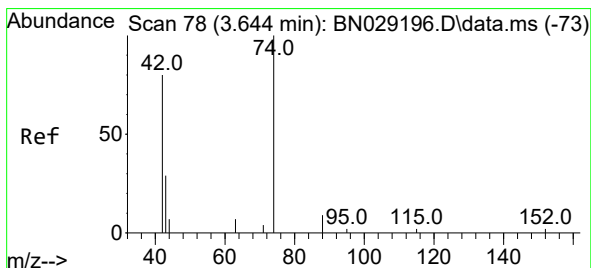
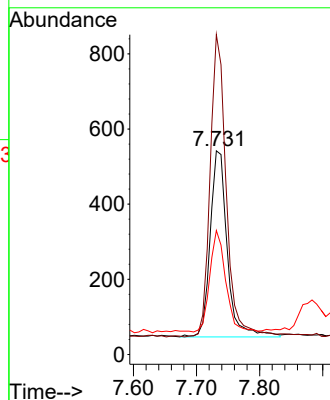
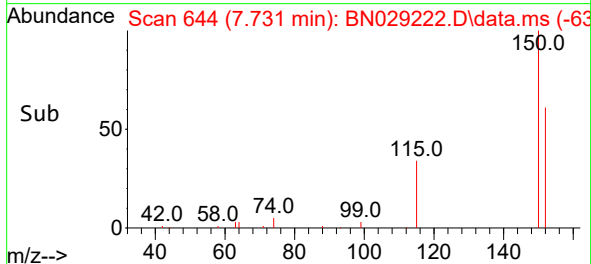


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.731 min Scan# 64
Delta R.T. -0.001 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48

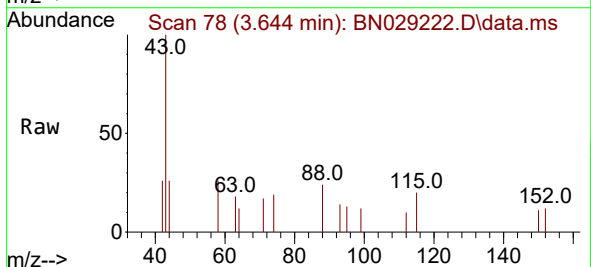
Instrument :
BNA_N
ClientSampleId :
COLT1



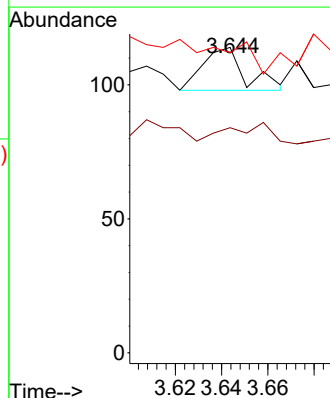
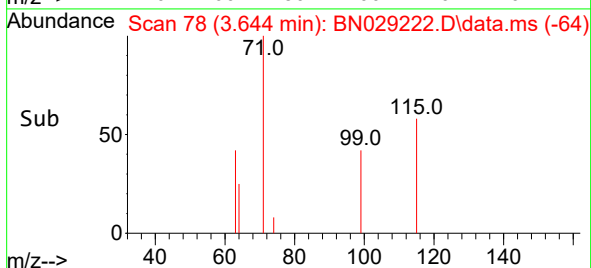
Tgt Ion:152 Resp: 932
Ion Ratio Lower Upper
152 100
150 157.0 122.2 183.2
115 60.9 48.2 72.4

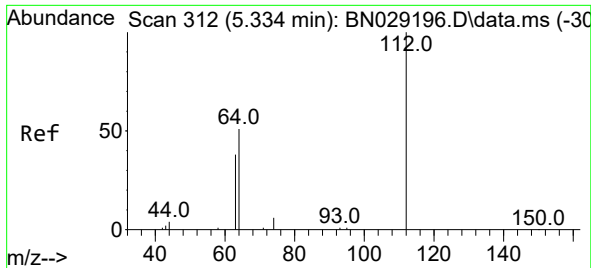


#3
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.644 min Scan# 78
Delta R.T. -0.000 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48



Tgt Ion: 42 Resp: 20
Ion Ratio Lower Upper
42 100
74 50.0 106.8 160.2#
44 0.0 5.6 8.4#

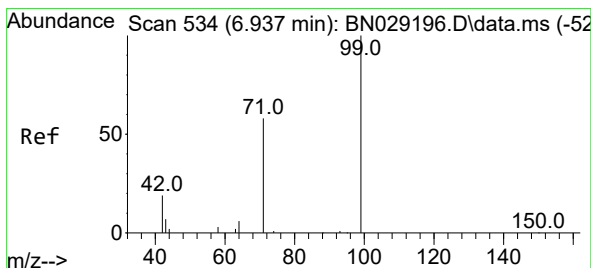
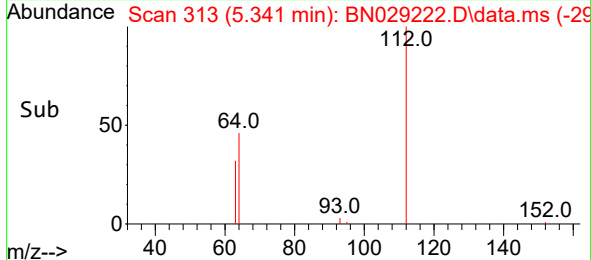
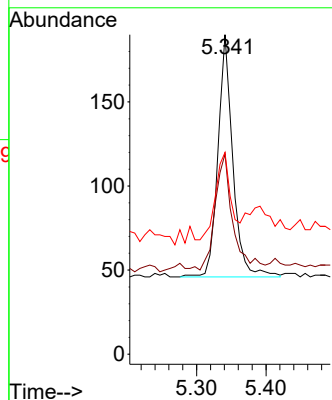
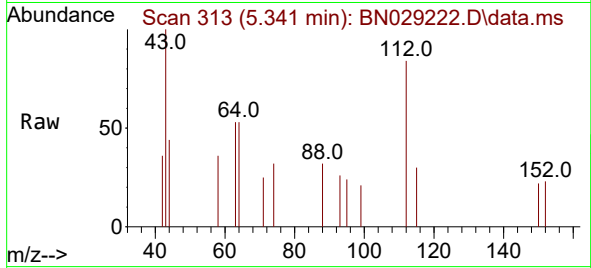




#4
2-Fluorophenol
Concen: 0.099 ng
RT: 5.341 min Scan# 312
Delta R.T. 0.007 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48

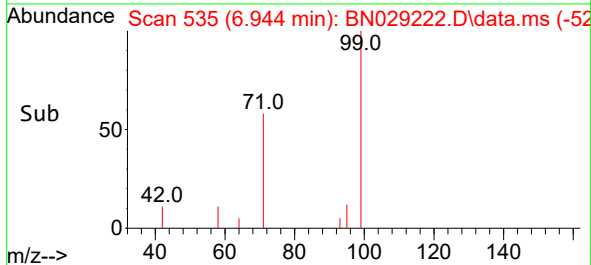
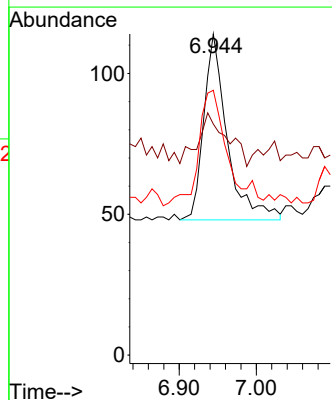
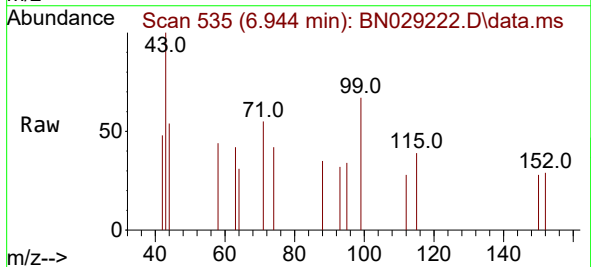
Instrument :
BNA_N
ClientSampleId :
COLT1

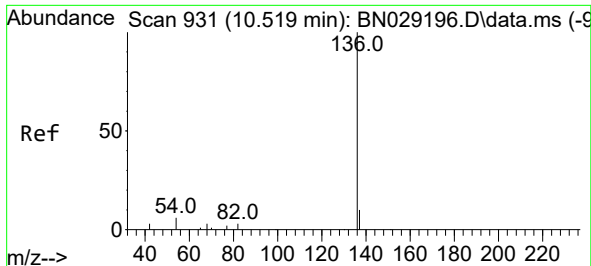
Tgt Ion:112 Resp: 215
Ion Ratio Lower Upper
112 100
64 55.3 38.8 58.2
63 37.7 30.6 45.8



#5
Phenol-d6
Concen: 0.057 ng
RT: 6.944 min Scan# 535
Delta R.T. 0.007 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48

Tgt Ion: 99 Resp: 139
Ion Ratio Lower Upper
99 100
42 35.3 18.3 27.5#
71 76.3 48.6 73.0#

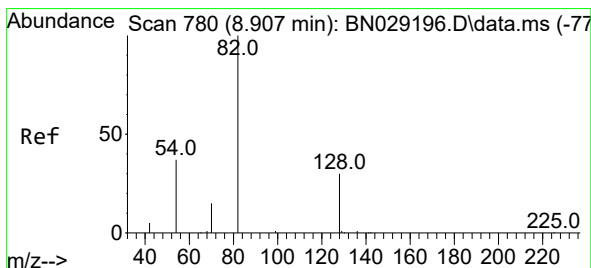
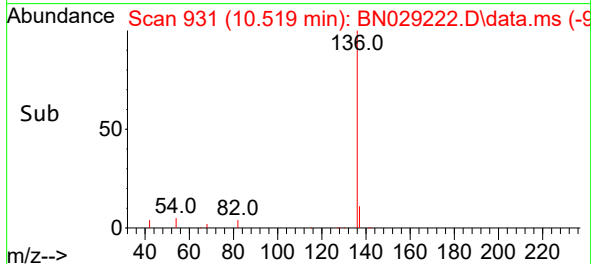
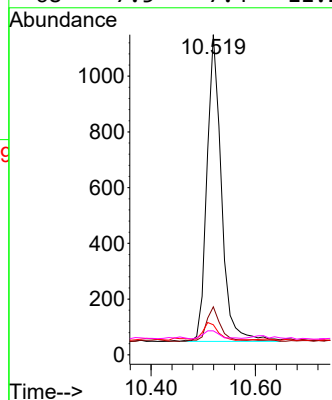
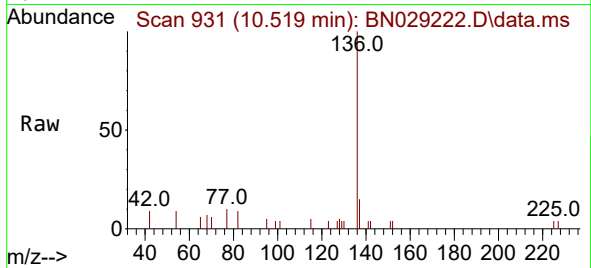




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 91
Delta R.T. 0.000 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48

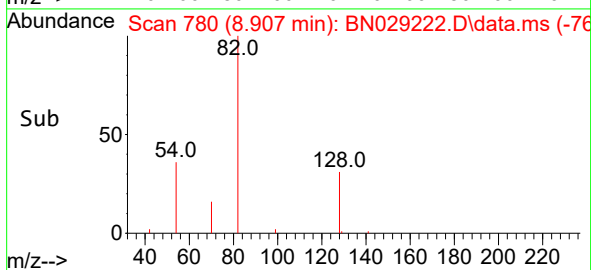
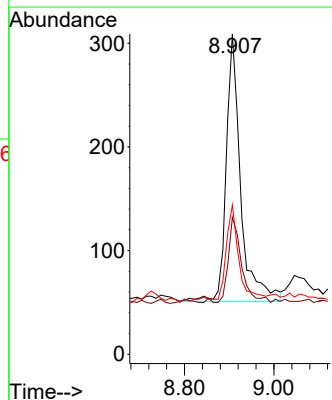
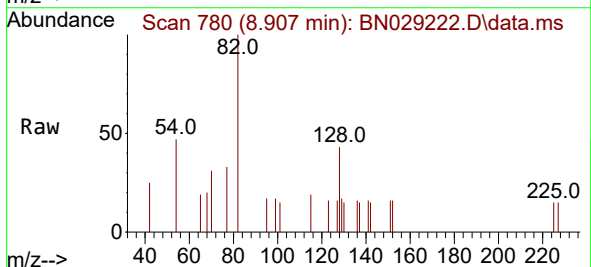
Instrument :
BNA_N
ClientSampleId :
COLT1

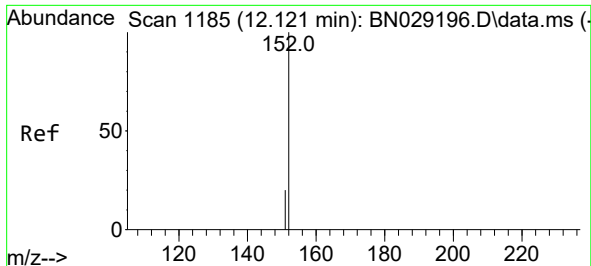
Tgt Ion:	136	Resp:	2119
Ion	Ratio	Lower	Upper
136	100		
137	15.0	13.0	19.4
54	9.4	9.8	14.6#
68	7.5	7.4	11.2



#8
Nitrobenzene-d5
Concen: 0.220 ng
RT: 8.907 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48

Tgt Ion:	82	Resp:	584
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.2	51.2
54	46.6	38.8	58.2





#11

2-Methylnaphthalene-d10

Concen: 0.216 ng

RT: 12.113 min Scan# 1185

Delta R.T. -0.008 min

Lab File: BN029222.D

Acq: 28 Dec 2023 19:48

Instrument :

BNA_N

ClientSampleId :

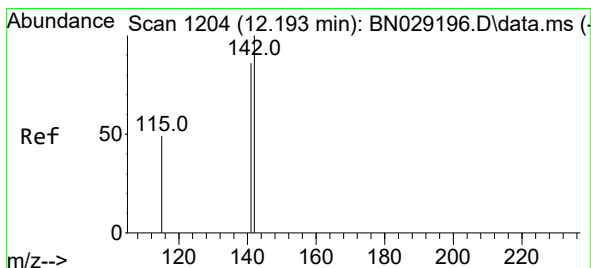
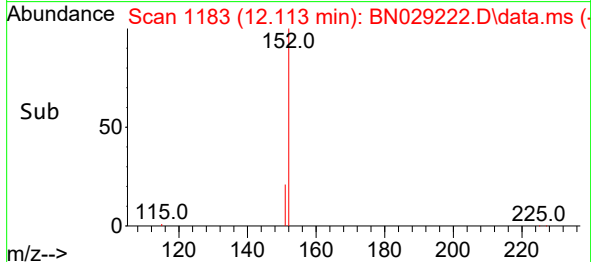
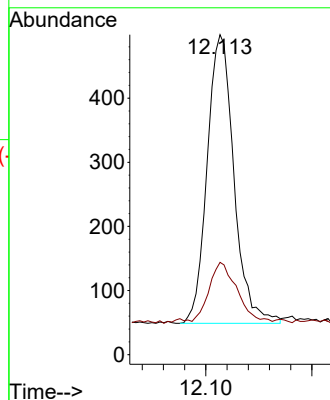
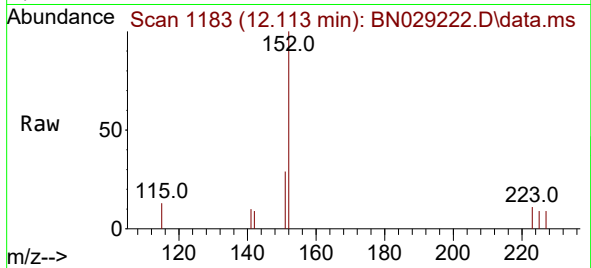
COLT1

Tgt Ion:152 Resp: 790

Ion Ratio Lower Upper

152 100

151 22.0 16.6 24.8



#12

2-Methylnaphthalene

Concen: 0.030 ng

RT: 12.193 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BN029222.D

Acq: 28 Dec 2023 19:48

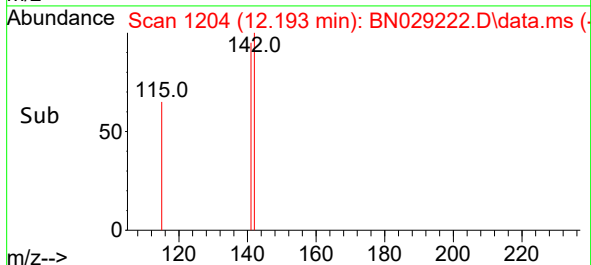
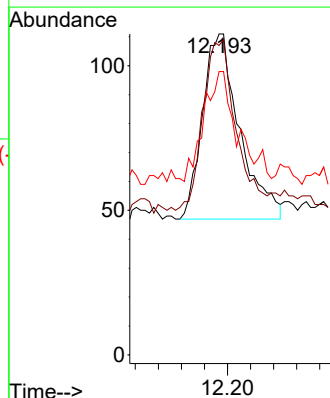
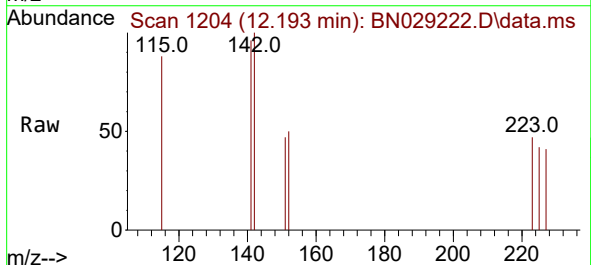
Tgt Ion:142 Resp: 143

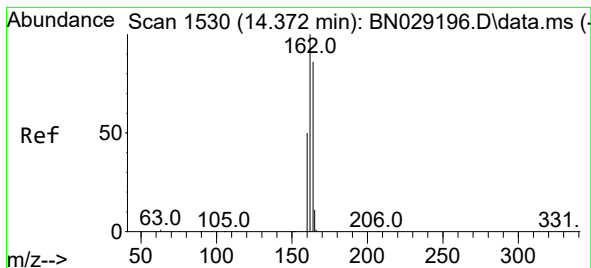
Ion Ratio Lower Upper

142 100

141 96.4 69.8 104.6

115 88.3 43.2 64.8#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.372 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BN029222.D

Acq: 28 Dec 2023 19:48

Instrument :

BNA_N

ClientSampleId :

COLT1

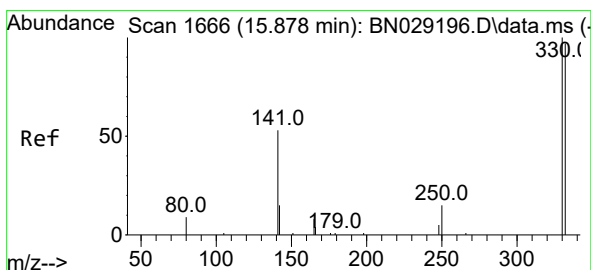
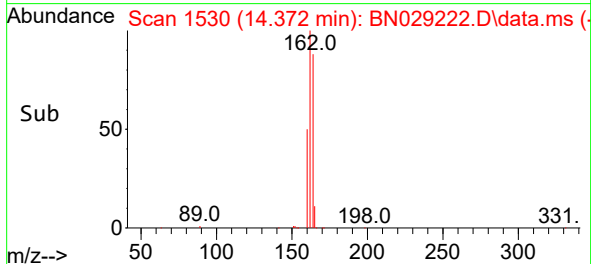
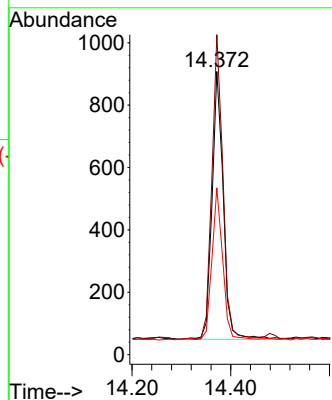
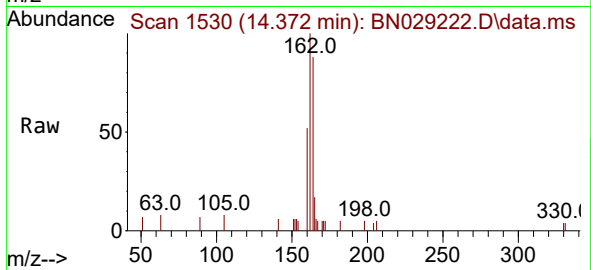
Tgt Ion:164 Resp: 1355

Ion Ratio Lower Upper

164 100

162 113.0 91.8 137.8

160 58.9 49.4 74.2



#14

2,4,6-Tribromophenol

Concen: 0.269 ng

RT: 15.877 min Scan# 1666

Delta R.T. -0.000 min

Lab File: BN029222.D

Acq: 28 Dec 2023 19:48

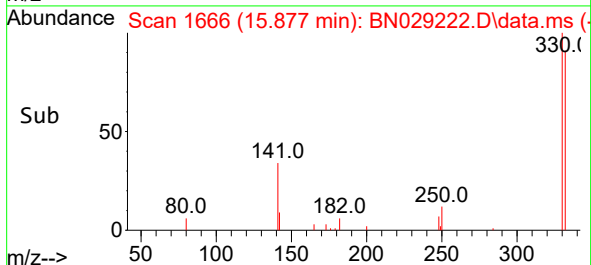
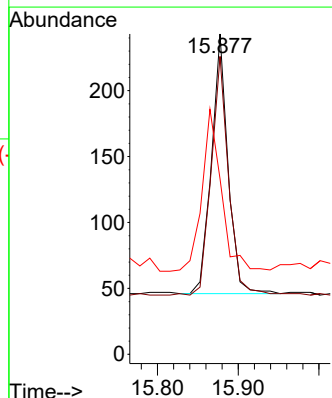
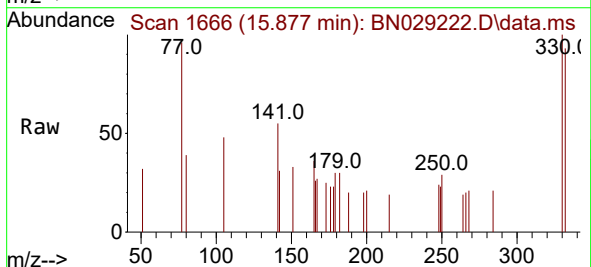
Tgt Ion:330 Resp: 281

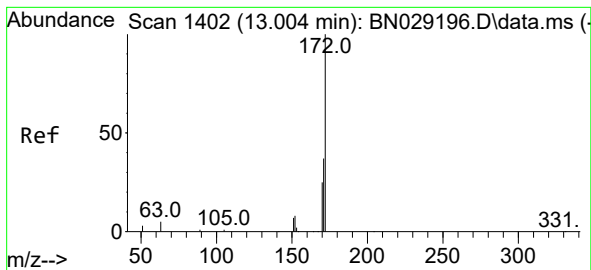
Ion Ratio Lower Upper

330 100

332 96.4 74.4 111.6

141 72.6 46.7 70.1#

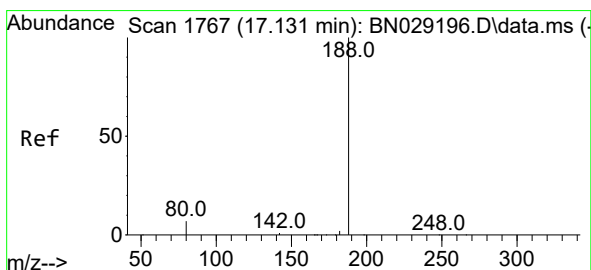
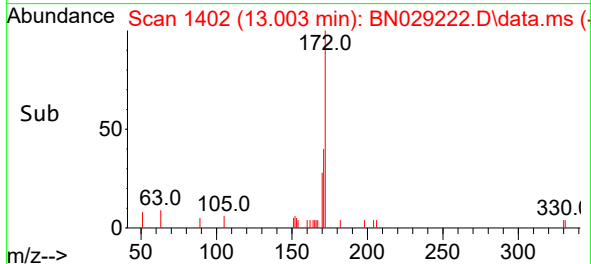
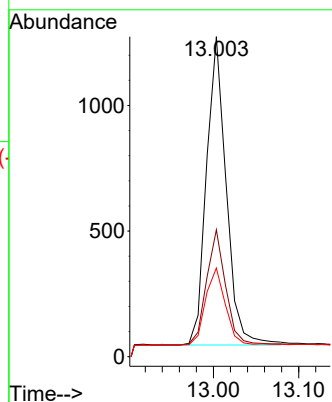
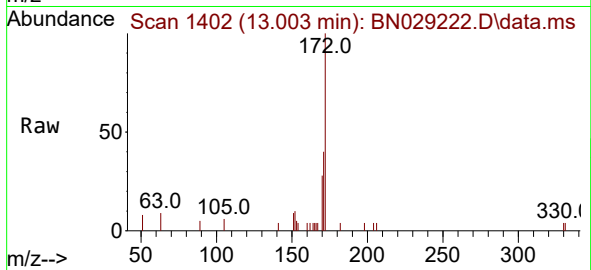




#15
2-Fluorobiphenyl
Concen: 0.272 ng
RT: 13.003 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48

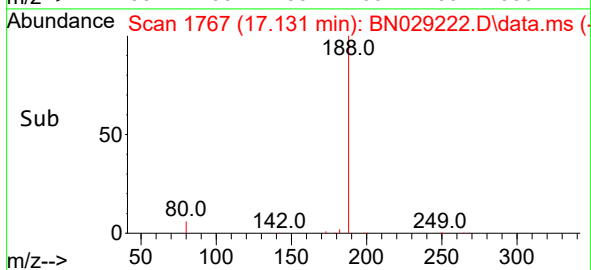
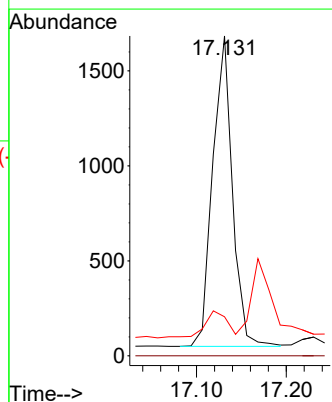
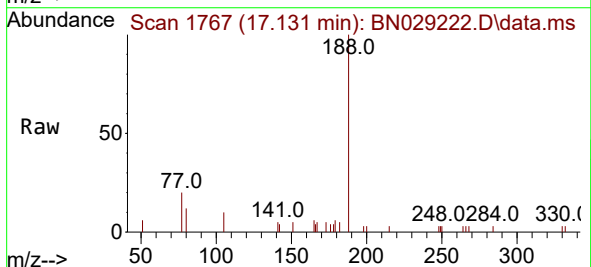
Instrument :
BNA_N
ClientSampleId :
COLT1

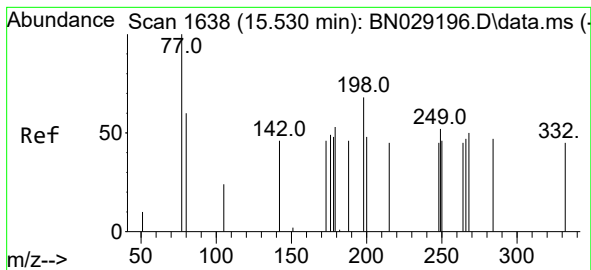
Tgt Ion:172 Resp: 1976
Ion Ratio Lower Upper
172 100
171 39.6 32.8 49.2
170 27.7 24.0 36.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.131 min Scan# 1767
Delta R.T. -0.000 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48

Tgt Ion:188 Resp: 2491
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.2 8.8 13.2

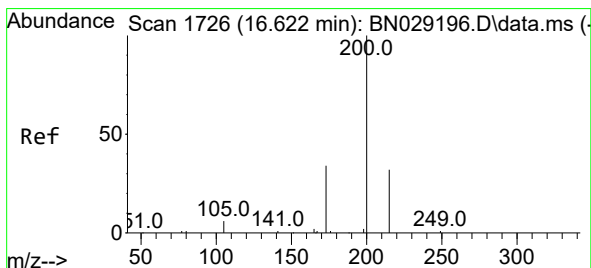
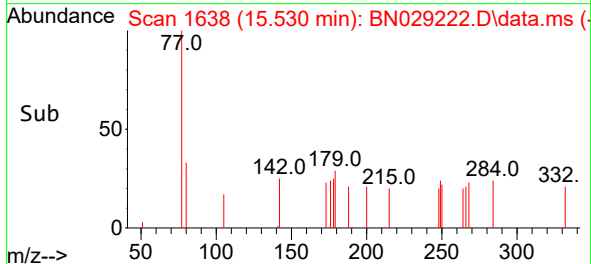
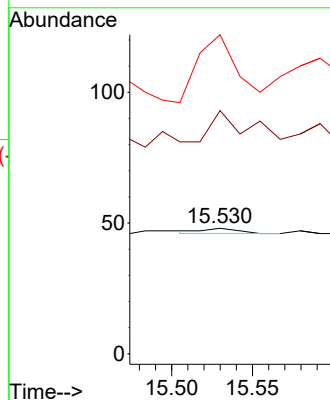
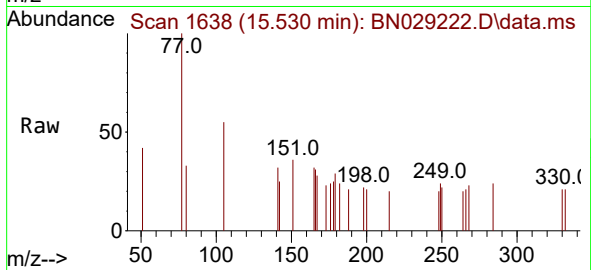




#20
4,6-Dinitro-2-methylphenol
Concen: 0.106 ng
RT: 15.530 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48

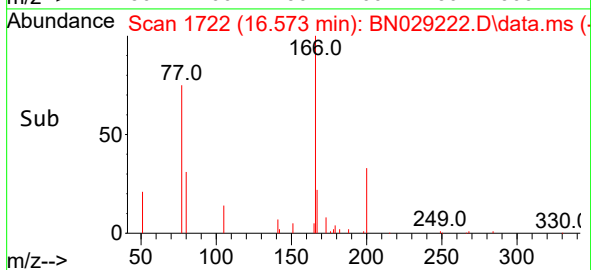
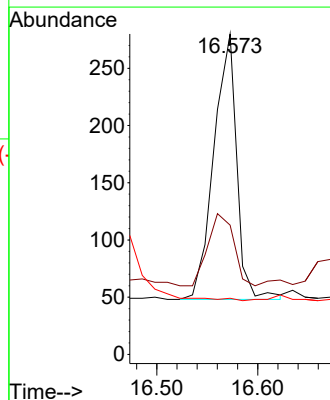
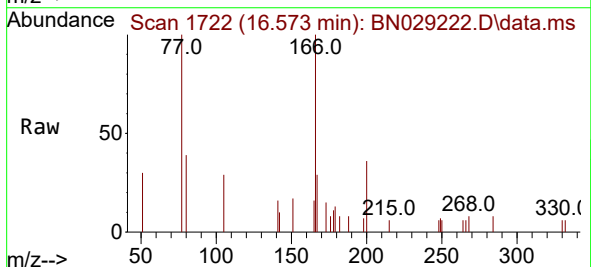
Instrument :
BNA_N
ClientSampleId :
COLT1

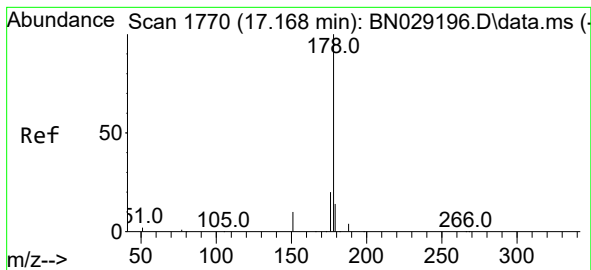
Tgt Ion:198 Resp: 3
Ion Ratio Lower Upper
198 100
51 193.8 47.4 71.2#
105 254.2 54.5 81.7#



#23
Atrazine
Concen: 0.175 ng
RT: 16.573 min Scan# 1722
Delta R.T. -0.050 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48

Tgt Ion:200 Resp: 366
Ion Ratio Lower Upper
200 100
173 40.4 36.6 54.8
215 17.5 35.3 52.9#





#25

Phenanthrene

Concen: 0.026 ng

RT: 17.168 min Scan# 1770

Delta R.T. -0.000 min

Lab File: BN029222.D

Acq: 28 Dec 2023 19:48

Instrument :

BNA_N

ClientSampleId :

COLT1

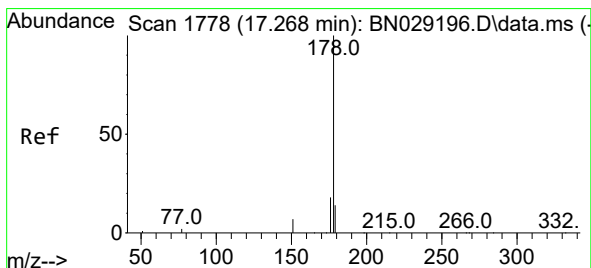
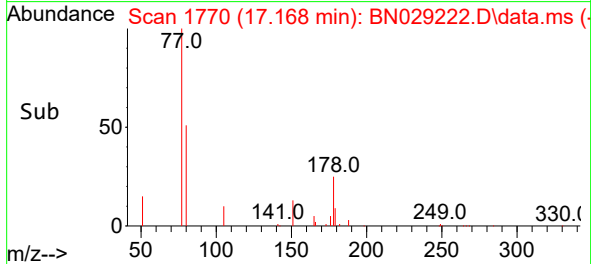
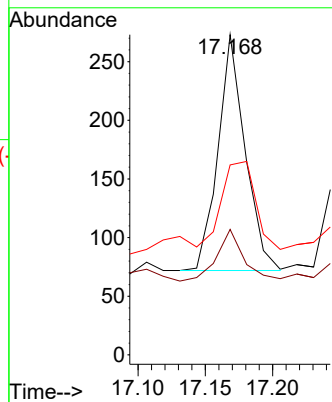
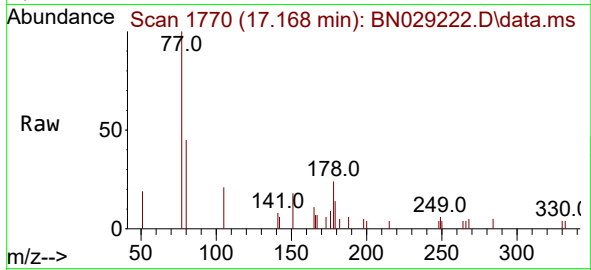
Tgt Ion:178 Resp: 282

Ion Ratio Lower Upper

178 100

176 22.0 16.7 25.1

179 83.7 12.8 19.2#



#26

Anthracene

Concen: 0.074 ng

RT: 17.255 min Scan# 1777

Delta R.T. -0.013 min

Lab File: BN029222.D

Acq: 28 Dec 2023 19:48

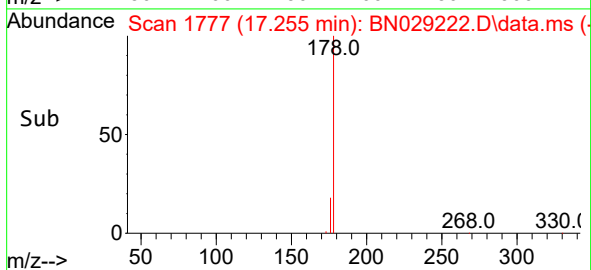
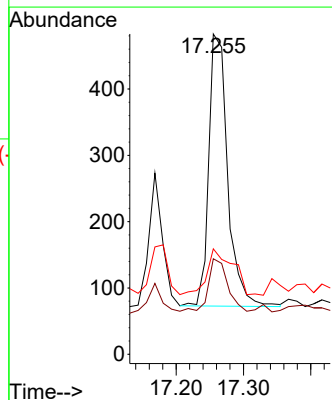
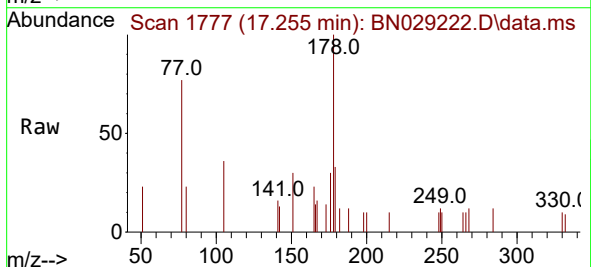
Tgt Ion:178 Resp: 801

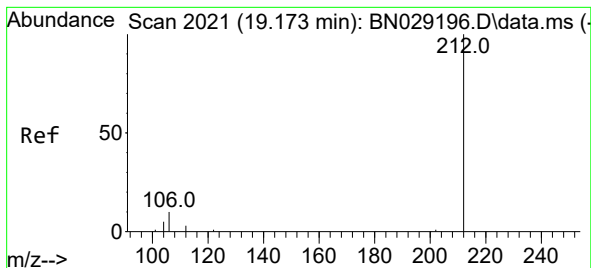
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 23.5 11.5 17.3#





#27

Fluoranthene-d10

Concen: 0.274 ng

RT: 19.169 min Scan# 20

Delta R.T. -0.005 min

Lab File: BN029222.D

Acq: 28 Dec 2023 19:48

Instrument :

BNA_N

ClientSampleId :

COLT1

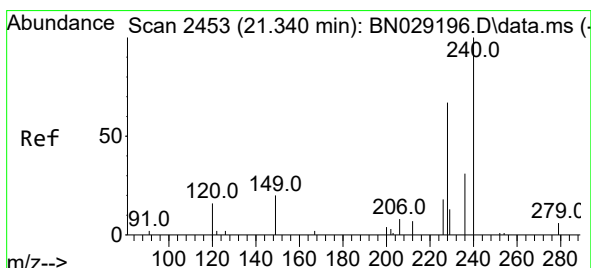
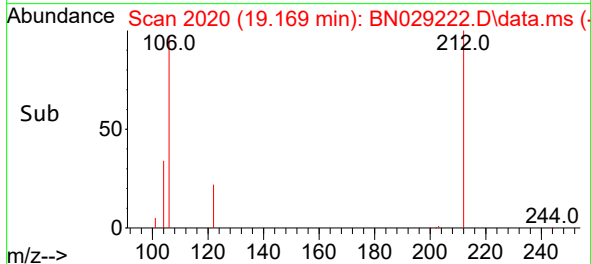
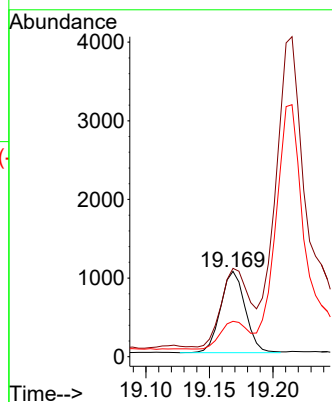
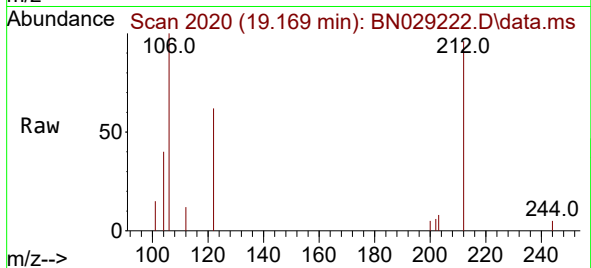
Tgt Ion:212 Resp: 1389

Ion Ratio Lower Upper

212 100

106 111.4 9.7 14.5#

104 37.0 6.3 9.5#



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.340 min Scan# 2453

Delta R.T. -0.000 min

Lab File: BN029222.D

Acq: 28 Dec 2023 19:48

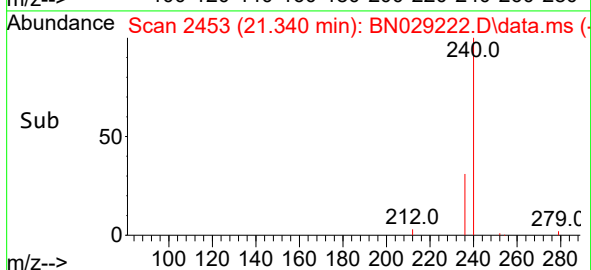
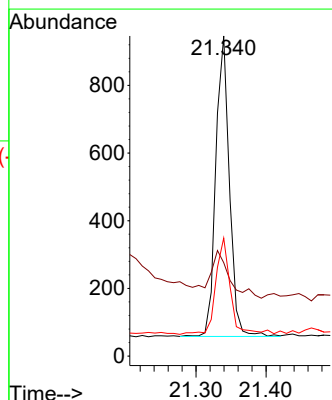
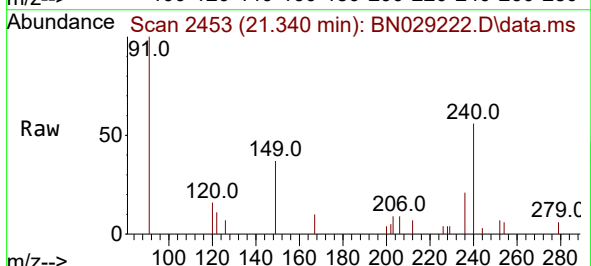
Tgt Ion:240 Resp: 1198

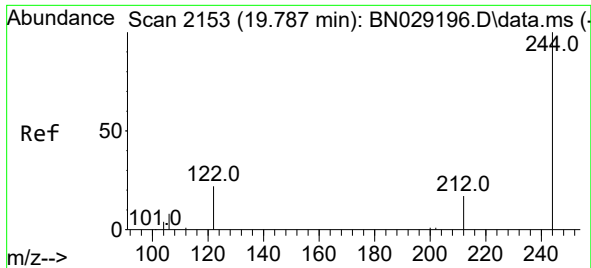
Ion Ratio Lower Upper

240 100

120 29.2 24.6 36.8

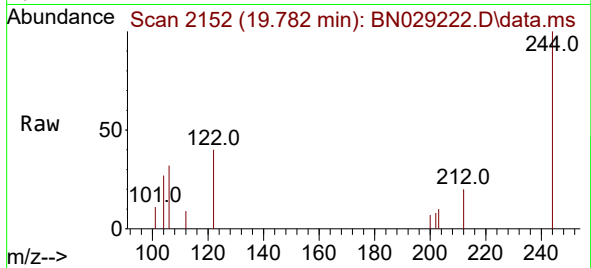
236 36.9 32.0 48.0



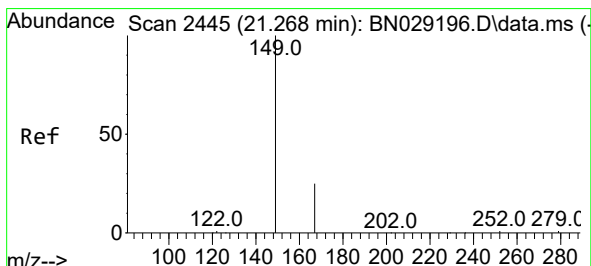
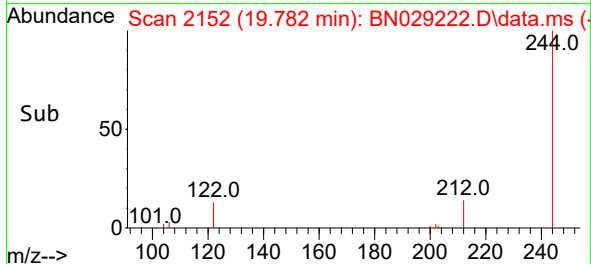
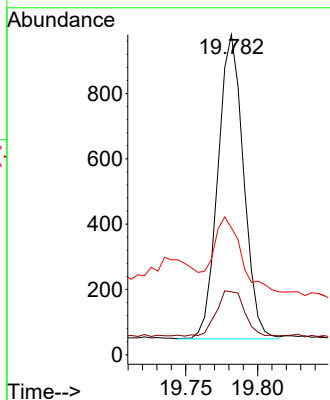


#31
Terphenyl-d14
Concen: 0.311 ng
RT: 19.782 min Scan# 2152
Delta R.T. -0.005 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48

Instrument :
BNA_N
ClientSampleId :
COLT1

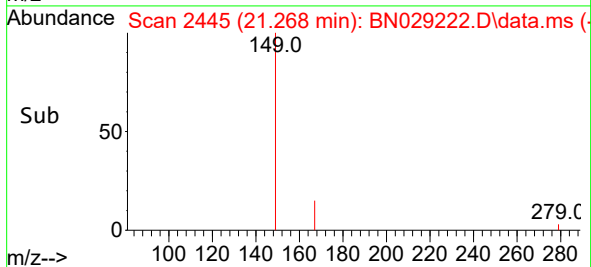
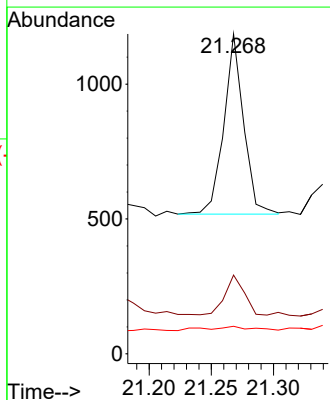
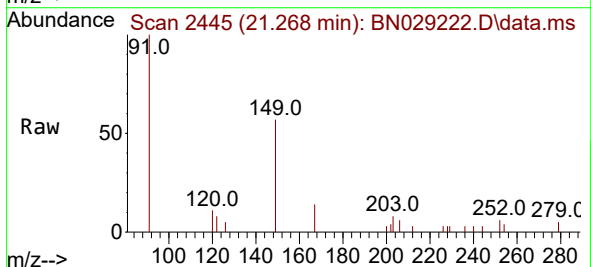


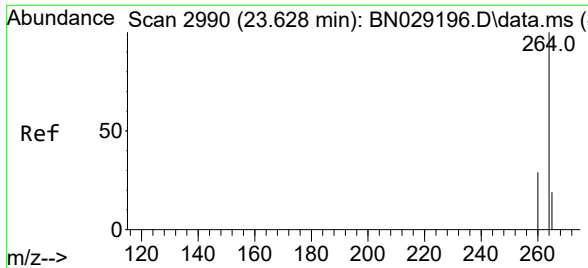
Tgt Ion:244 Resp: 1154
Ion Ratio Lower Upper
244 100
212 19.7 20.1 30.1#
122 39.7 23.9 35.9#



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.074 ng
RT: 21.268 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BN029222.D
Acq: 28 Dec 2023 19:48

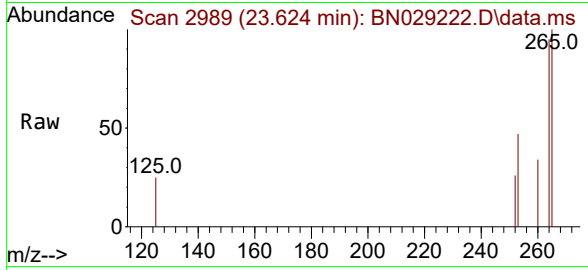
Tgt Ion:149 Resp: 739
Ion Ratio Lower Upper
149 100
167 21.1 20.7 31.1
279 3.0 2.4 3.6





#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.624 min Scan# 2990
 Delta R.T. -0.003 min
 Lab File: BN029222.D
 Acq: 28 Dec 2023 19:48

Instrument :
 BNA_N
 ClientSampleId :
 COLT1



Tgt Ion:264 Resp: 1154

Ion	Ratio	Lower	Upper
264	100		
260	35.9	30.2	45.4
265	105.4	88.1	132.1

