

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
 Data File : BN031376.D
 Acq On : 02 May 2024 18:01
 Operator : MA/JU
 Sample : P2276-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-32-042524

Quant Time: May 02 18:34:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 02 15:02:22 2024
 Response via : Initial Calibration

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

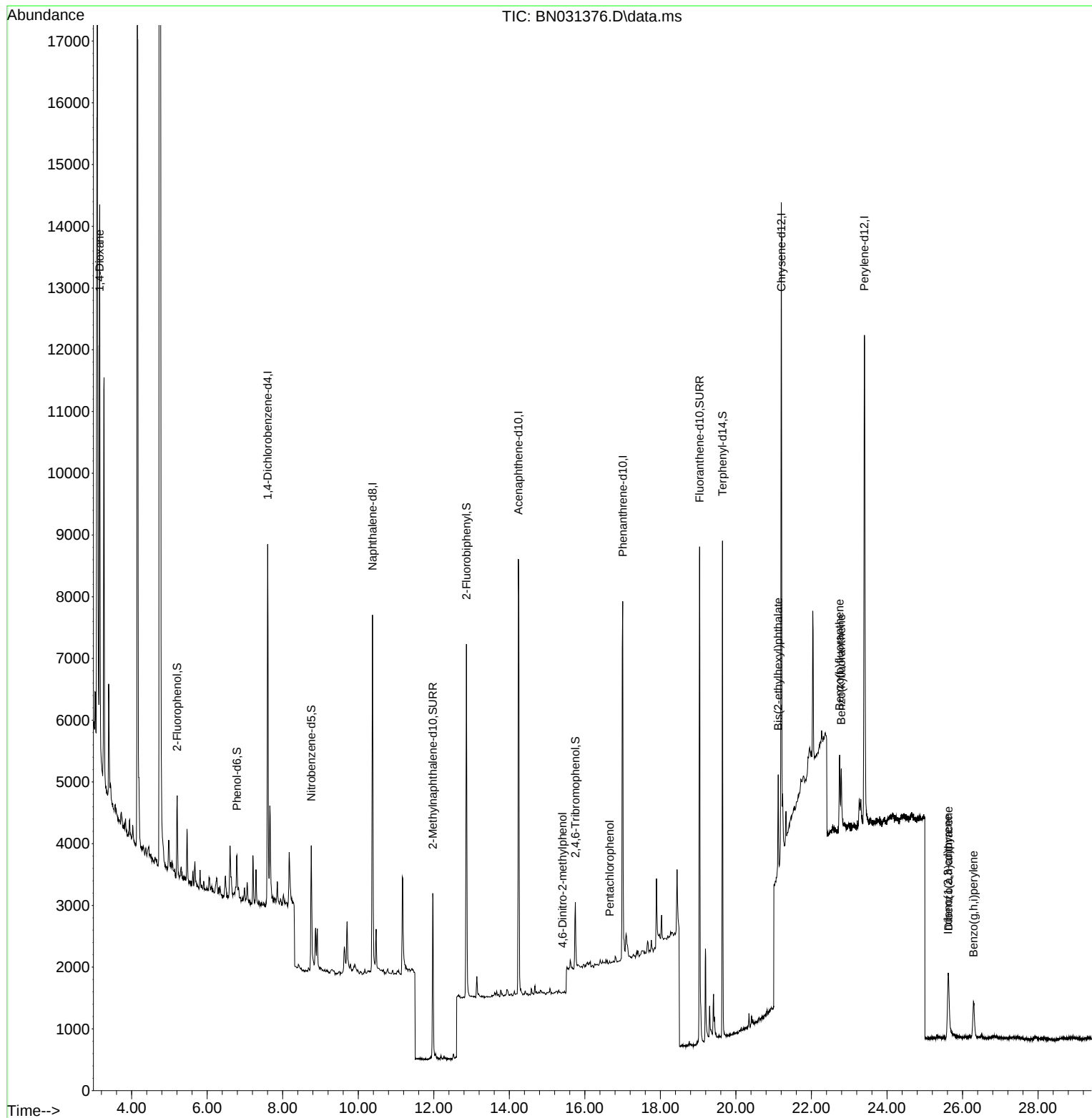
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	2883	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	7976	0.400	ng	0.00
13) Acenaphthene-d10	14.242	164	4386	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	9133	0.400	ng	0.00
29) Chrysene-d12	21.202	240	9450	0.400	ng	0.00
35) Perylene-d12	23.402	264	10757	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.205	112	1061	0.165	ng	0.00
5) Phenol-d6	6.787	99	645	0.083	ng	0.00
8) Nitrobenzene-d5	8.755	82	1823	0.330	ng	0.00
11) 2-Methylnaphthalene-d10	11.975	152	3791	0.309	ng	0.00
14) 2,4,6-Tribromophenol	15.750	330	661	0.388	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	5040	0.342	ng	0.00
27) Fluoranthene-d10	19.040	212	9461	0.385	ng	0.00
31) Terphenyl-d14	19.644	244	7971	0.363	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.154	88	5578	1.574	ng	# 88
20) 4,6-Dinitro-2-methylph...	15.407	198	16	0.113	ng	# 1
24) Pentachlorophenol	16.656	266	25	0.137	ng	# 26
34) Bis(2-ethylhexyl)phtha...	21.121	149	1637	0.109	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.615	276	1434	0.029	ng	# 93
37) Benzo(b)fluoranthene	22.747	252	1503	0.034	ng	# 11
38) Benzo(k)fluoranthene	22.788	252	1212	0.028	ng	# 3
40) Dibenzo(a,h)anthracene	25.630	278	1116	0.028	ng	# 2
41) Benzo(g,h,i)perylene	26.291	276	1275	0.029	ng	# 54

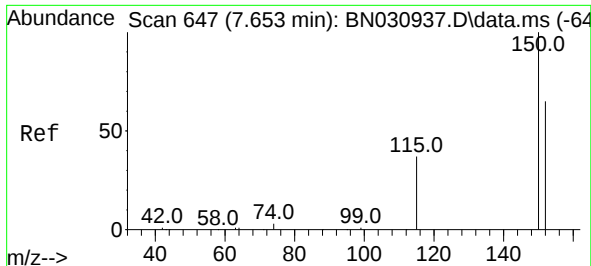
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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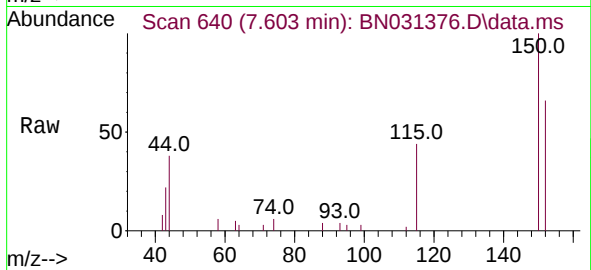
Quant Time: May 02 18:34:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
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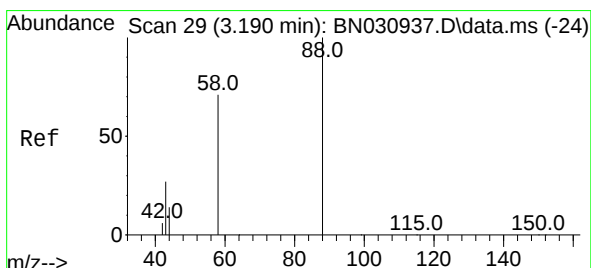
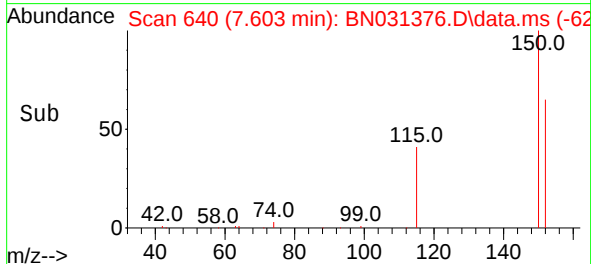
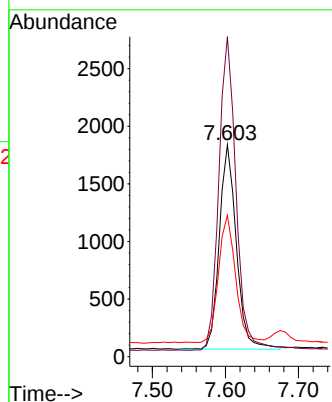
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.603 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN031376.D
 Acq: 02 May 2024 18:01

Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-32-042524



Tgt Ion:152 Resp: 2883

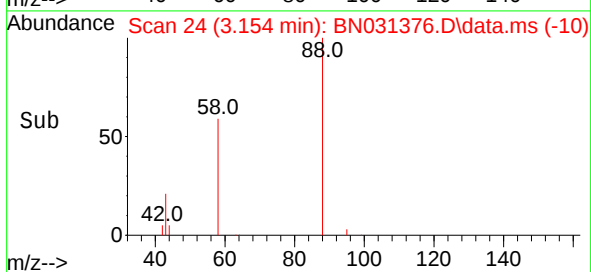
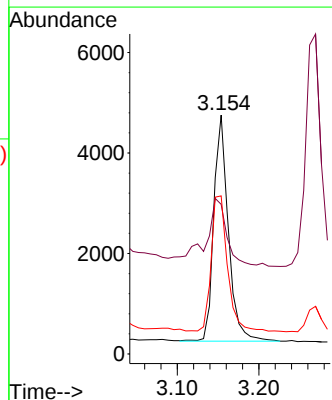
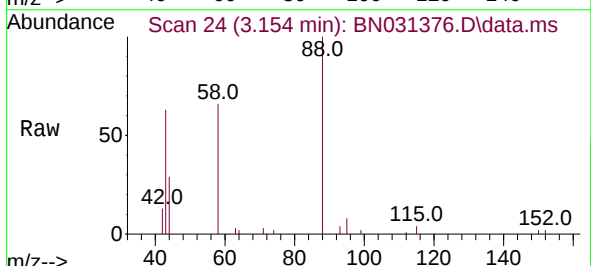
Ion	Ratio	Lower	Upper
152	100		
150	151.1	121.7	182.5
115	66.8	47.8	71.8

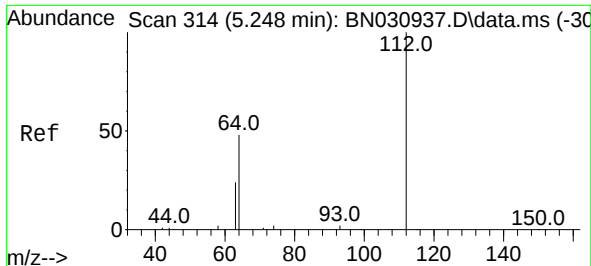


#2
 1,4-Dioxane
 Concen: 1.574 ng
 RT: 3.154 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN031376.D
 Acq: 02 May 2024 18:01

Tgt Ion: 88 Resp: 5578

Ion	Ratio	Lower	Upper
88	100		
43	46.0	23.7	35.5
58	66.6	55.7	83.5

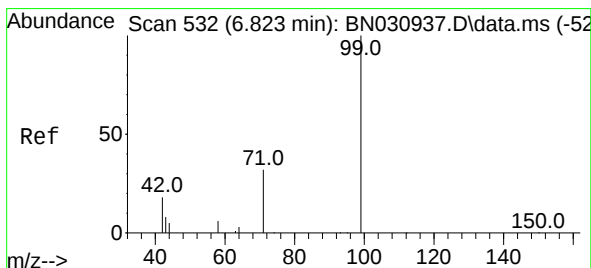
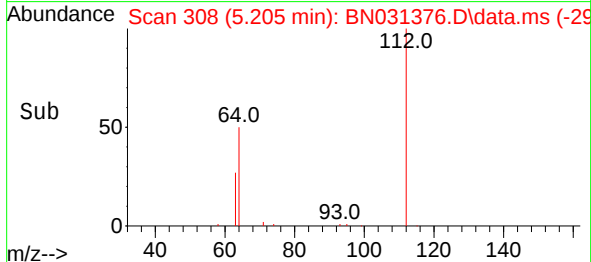
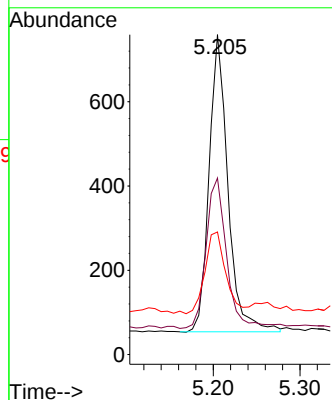
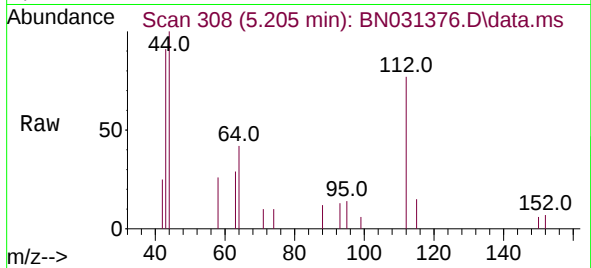




#4
2-Fluorophenol
Concen: 0.165 ng
RT: 5.205 min Scan# 308
Delta R.T. -0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

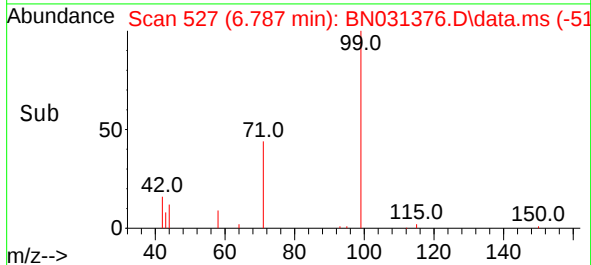
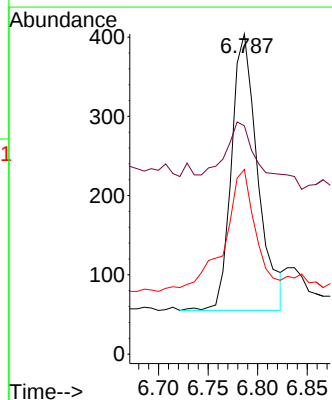
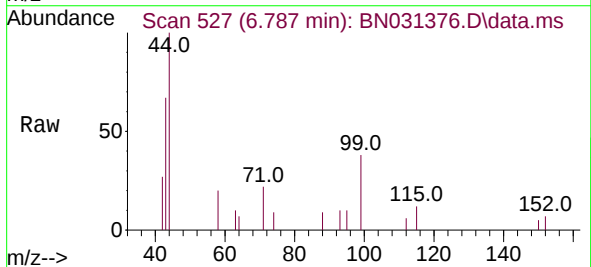
Instrument :
BNA_N
ClientSampleId :
RMW-02B-32-042524

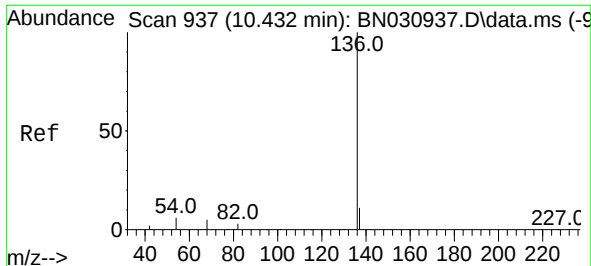
Tgt Ion:112 Resp: 1061
Ion Ratio Lower Upper
112 100
64 55.3 43.4 65.2
63 30.0 22.2 33.2



#5
Phenol-d6
Concen: 0.083 ng
RT: 6.787 min Scan# 527
Delta R.T. 0.007 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

Tgt Ion: 99 Resp: 645
Ion Ratio Lower Upper
99 100
42 33.2 16.4 24.6#
71 53.0 26.3 39.5#

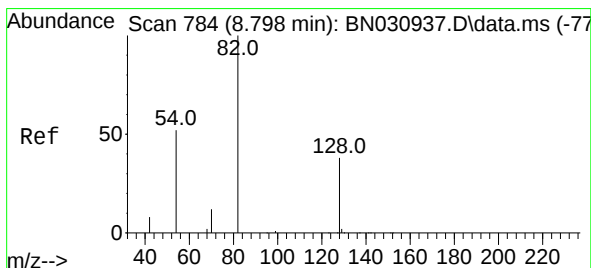
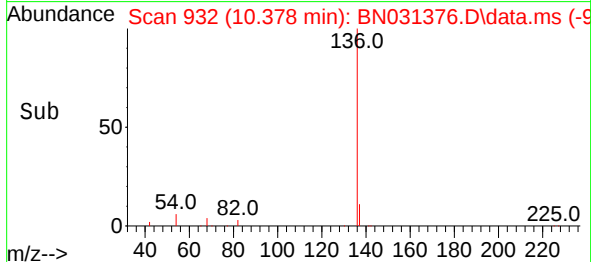
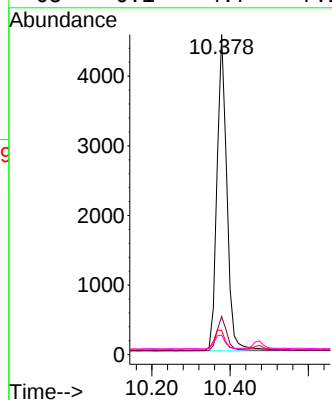
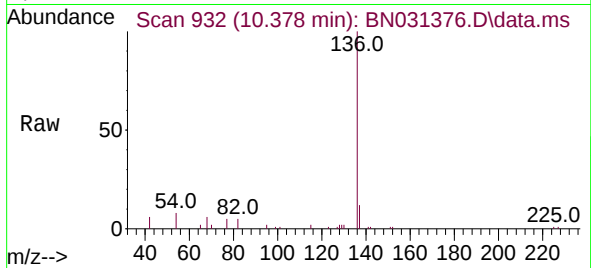




#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 91
Delta R.T. -0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

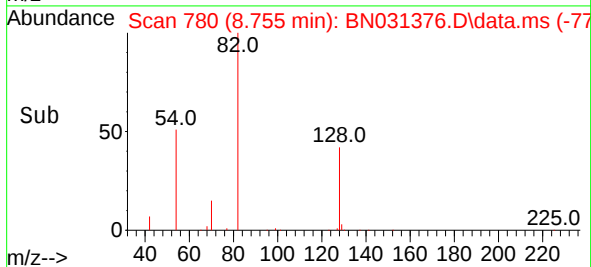
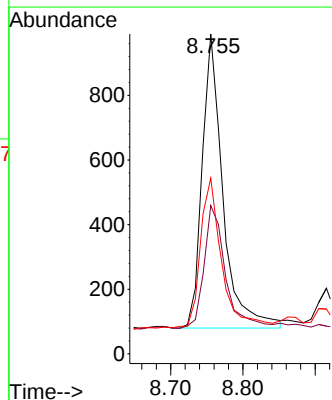
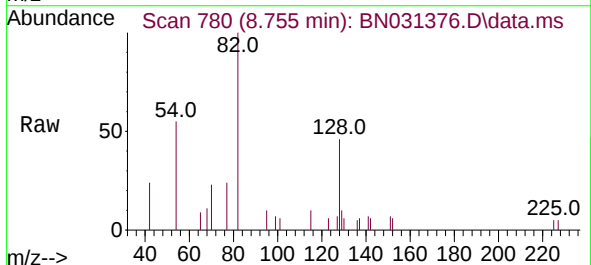
Instrument :
BNA_N
ClientSampleId :
RMW-02B-32-042524

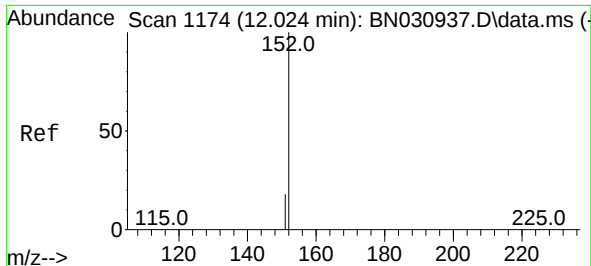
Tgt Ion:136 Resp: 7976
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 7.6 5.3 7.9
68 6.1 4.7 7.1



#8
Nitrobenzene-d5
Concen: 0.330 ng
RT: 8.755 min Scan# 780
Delta R.T. 0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

Tgt Ion: 82 Resp: 1823
Ion Ratio Lower Upper
82 100
128 46.4 33.7 50.5
54 54.9 43.7 65.5

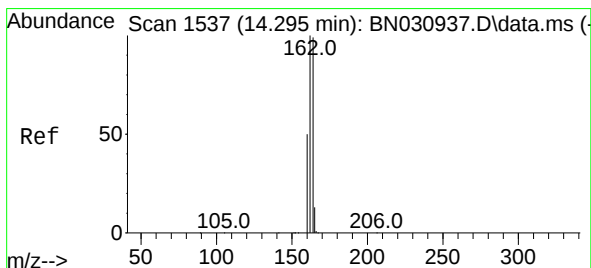
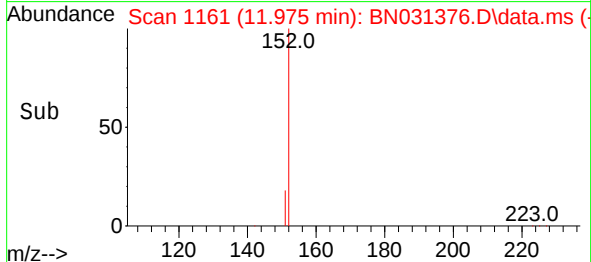
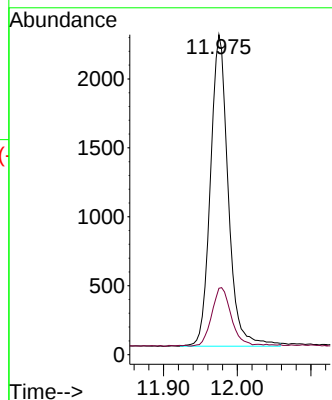
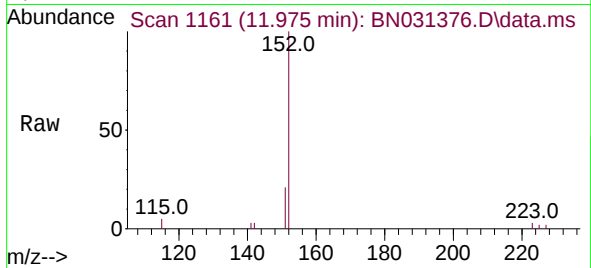




#11
2-Methylnaphthalene-d10
Concen: 0.309 ng
RT: 11.975 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

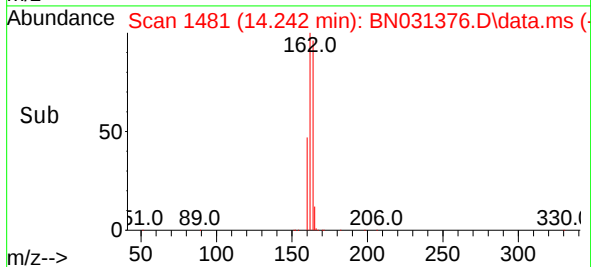
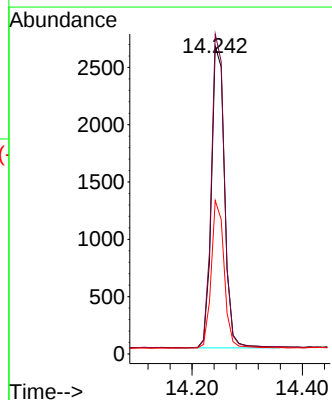
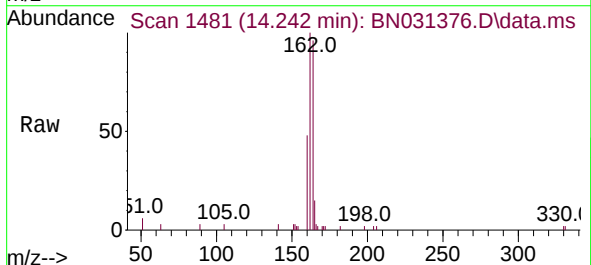
Instrument :
BNA_N
ClientSampleId :
RMW-02B-32-042524

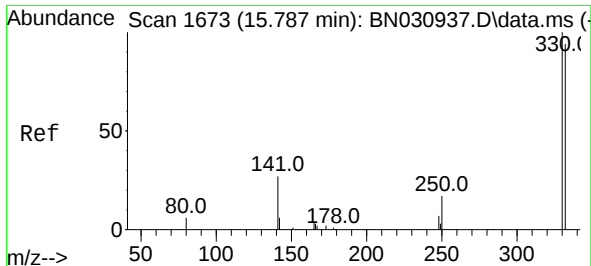
Tgt Ion:152 Resp: 3791
Ion Ratio Lower Upper
152 100
151 20.4 16.7 25.1



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.242 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

Tgt Ion:164 Resp: 4386
Ion Ratio Lower Upper
164 100
162 103.9 80.6 121.0
160 49.8 40.7 61.1





#14

2,4,6-Tribromophenol

Concen: 0.388 ng

RT: 15.750 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN031376.D

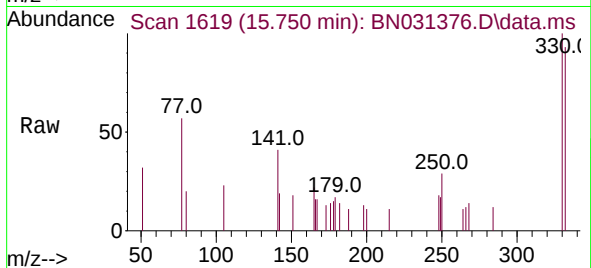
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Instrument :

BNA_N

ClientSampleId :

RMW-02B-32-042524



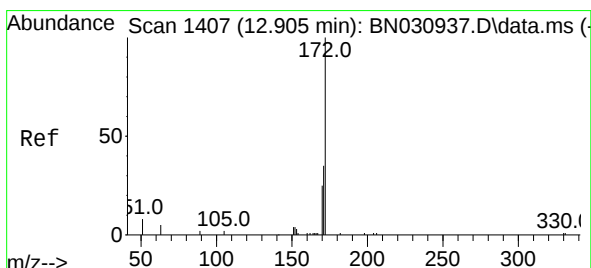
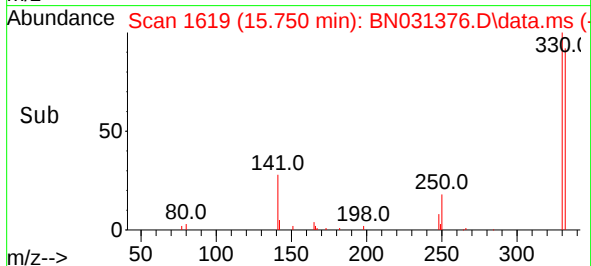
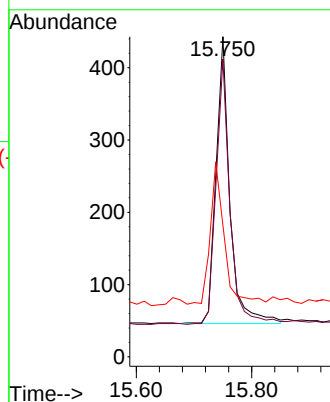
Tgt Ion:330 Resp: 661

Ion Ratio Lower Upper

330 100

332 92.9 74.2 111.2

141 49.6 37.2 55.8



#15

2-Fluorobiphenyl

Concen: 0.342 ng

RT: 12.863 min Scan# 1352

Delta R.T. -0.000 min

Lab File: BN031376.D

Acq: 02 May 2024 18:01

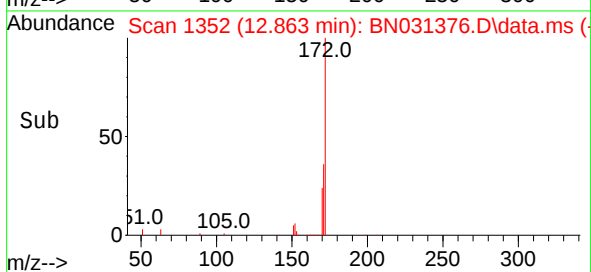
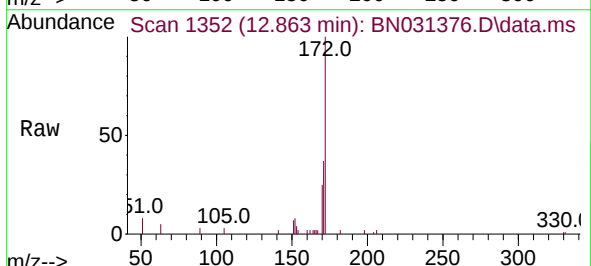
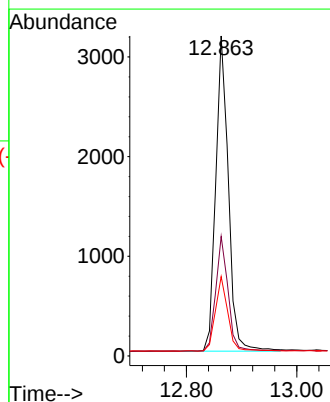
Tgt Ion:172 Resp: 5040

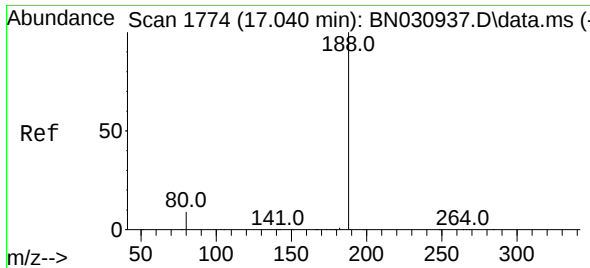
Ion Ratio Lower Upper

172 100

171 37.4 28.3 42.5

170 24.8 19.8 29.8

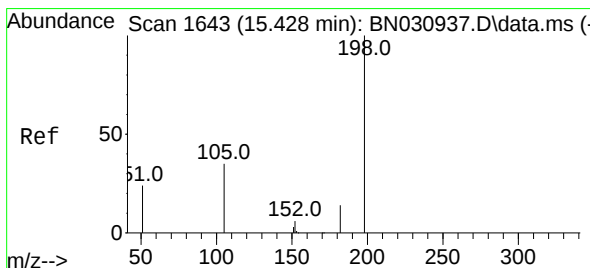
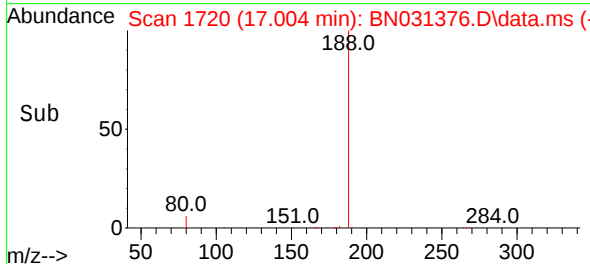
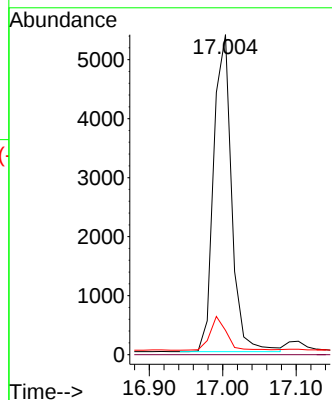
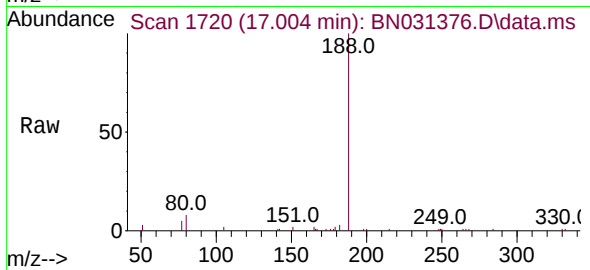




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

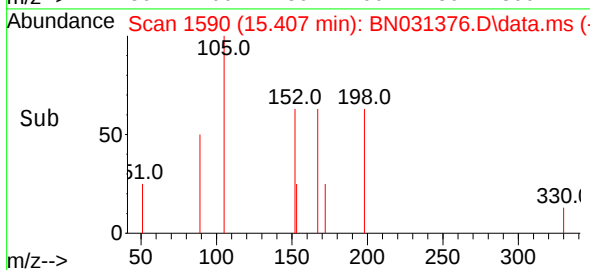
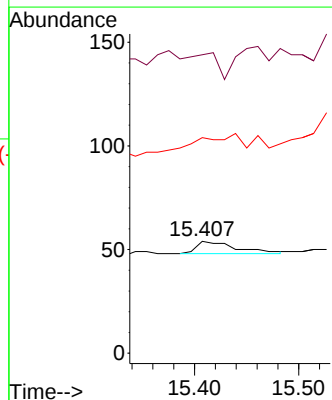
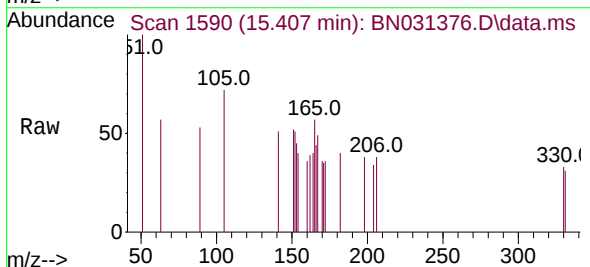
Instrument :
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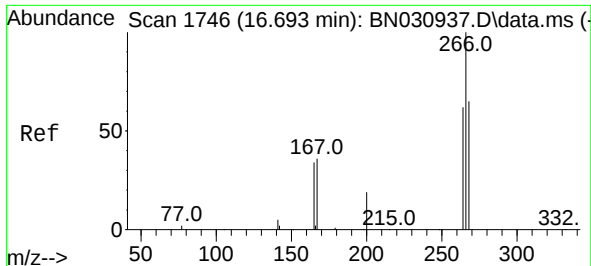
Tgt Ion:188 Resp: 9133
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 7.6 7.4 11.2



#20
4,6-Dinitro-2-methylphenol
Concen: 0.113 ng
RT: 15.407 min Scan# 1590
Delta R.T. 0.011 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 266.7 65.2 97.8#
105 192.6 41.0 61.4#





#24

Pentachlorophenol

Concen: 0.137 ng

RT: 16.656 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN031376.D

Acq: 02 May 2024 18:01

Instrument :

BNA_N

ClientSampleId :

RMW-02B-32-042524

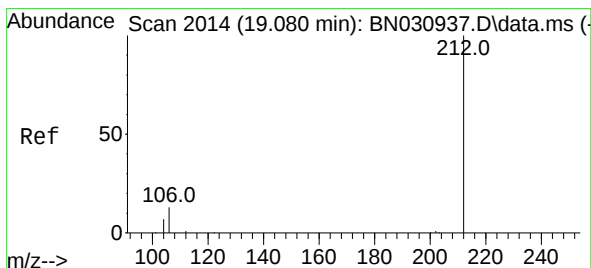
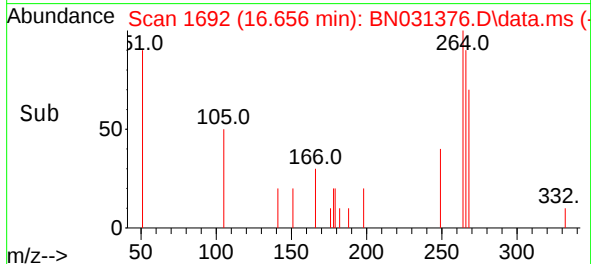
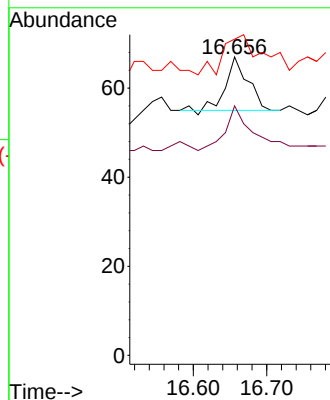
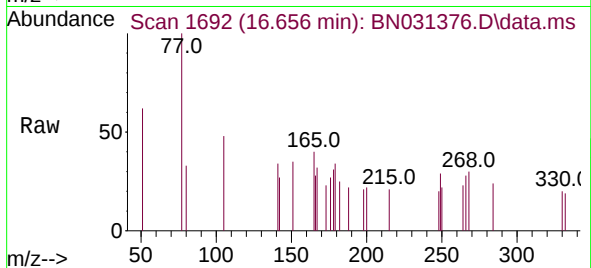
Tgt Ion:266 Resp: 25

Ion Ratio Lower Upper

266 100

264 108.0 50.2 75.2#

268 136.0 52.3 78.5#



#27

Fluoranthene-d10

Concen: 0.385 ng

RT: 19.040 min Scan# 1956

Delta R.T. 0.005 min

Lab File: BN031376.D

Acq: 02 May 2024 18:01

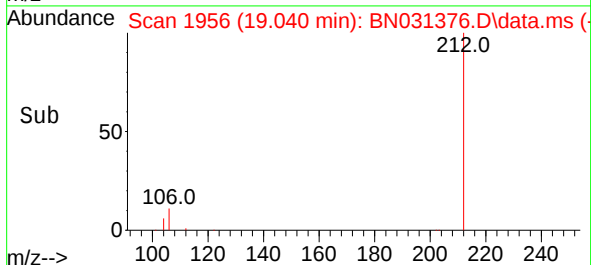
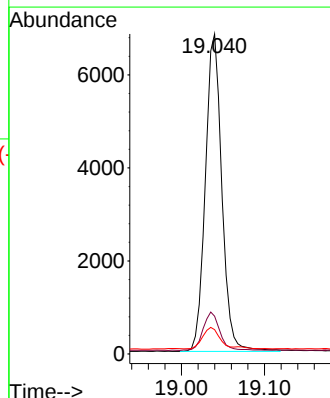
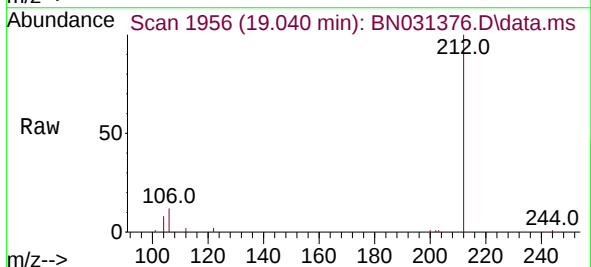
Tgt Ion:212 Resp: 9461

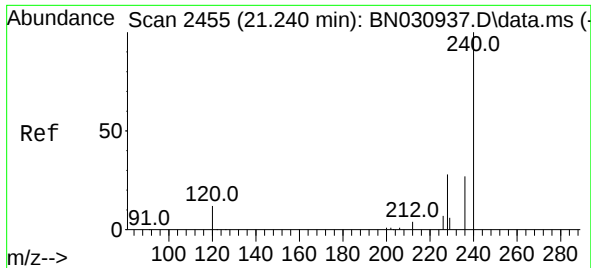
Ion Ratio Lower Upper

212 100

106 12.2 12.0 18.0

104 7.5 6.7 10.1





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.202 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BN031376.D

Acq: 02 May 2024 18:01

Instrument :

BNA_N

ClientSampleId :

RMW-02B-32-042524

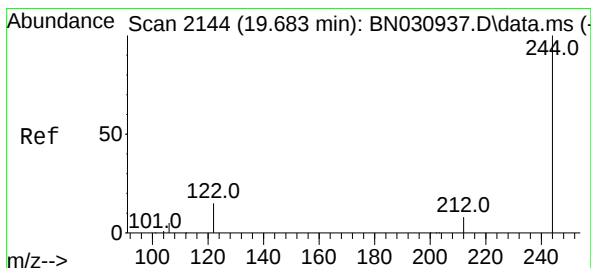
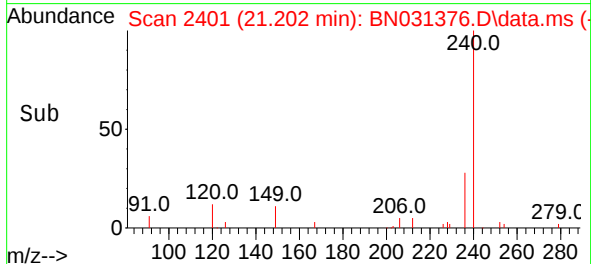
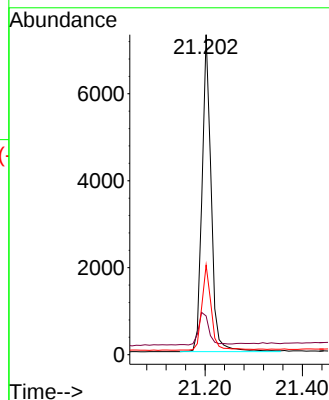
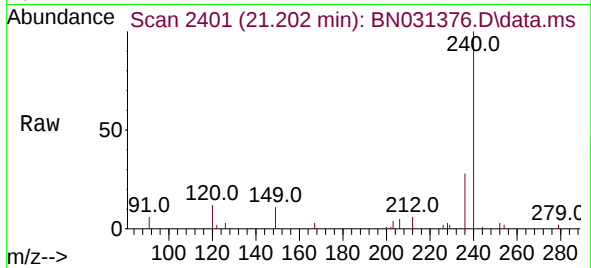
Tgt Ion:240 Resp: 9450

Ion Ratio Lower Upper

240 100

120 12.1 11.0 16.4

236 28.0 22.3 33.5



#31

Terphenyl-d14

Concen: 0.363 ng

RT: 19.644 min Scan# 2086

Delta R.T. 0.000 min

Lab File: BN031376.D

Acq: 02 May 2024 18:01

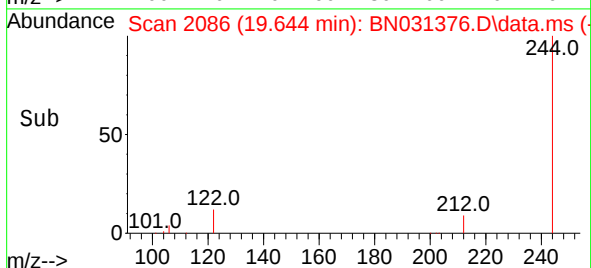
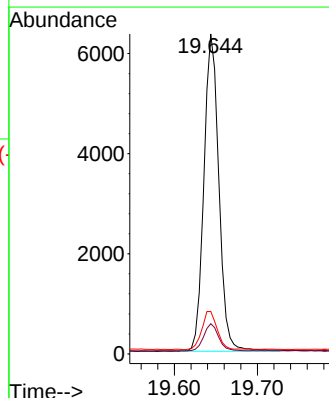
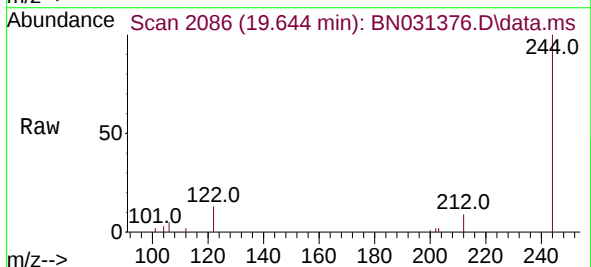
Tgt Ion:244 Resp: 7971

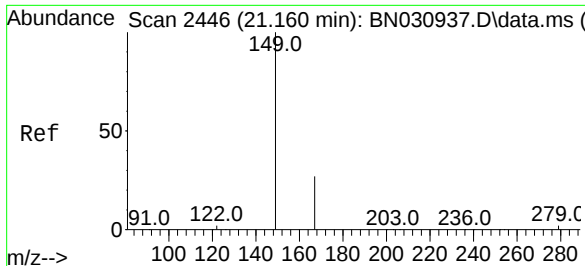
Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

122 13.3 12.7 19.1

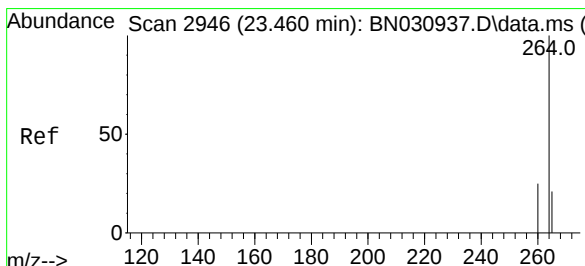
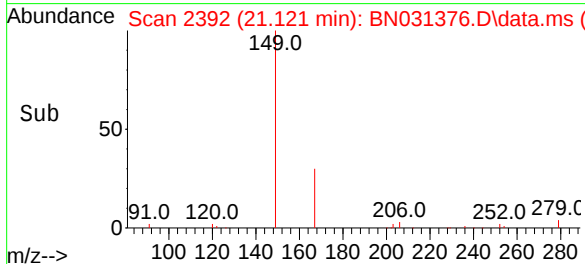
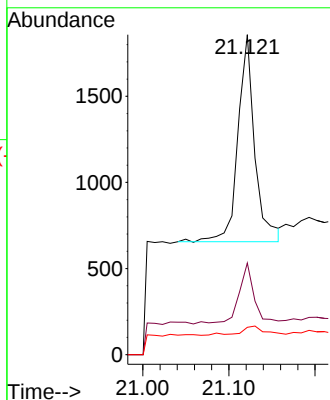
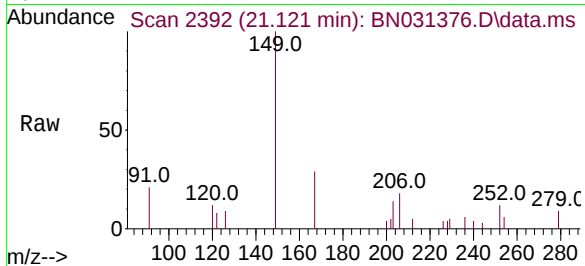




#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.109 ng
 RT: 21.121 min Scan# 2446
 Delta R.T. 0.000 min
 Lab File: BN031376.D
 Acq: 02 May 2024 18:01

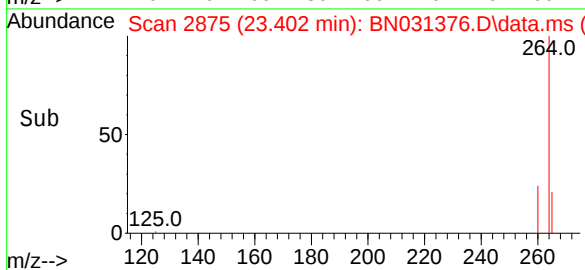
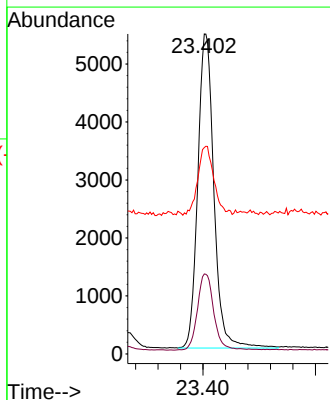
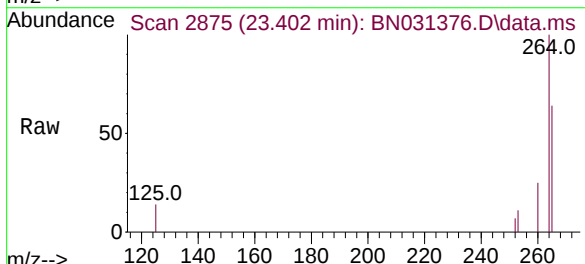
Instrument :
 BNA_N
 ClientSampleId :
 RMW-02B-32-042524

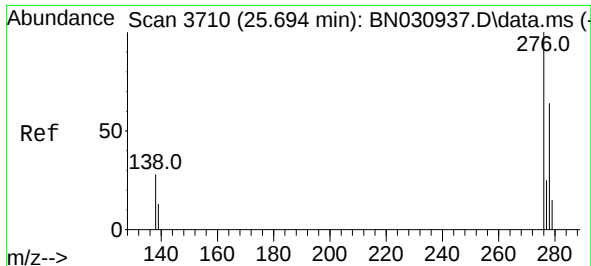
Tgt Ion:149 Resp: 1637
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.0 31.4
 279 4.9 2.9 4.3#



#35
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.402 min Scan# 2875
 Delta R.T. -0.006 min
 Lab File: BN031376.D
 Acq: 02 May 2024 18:01

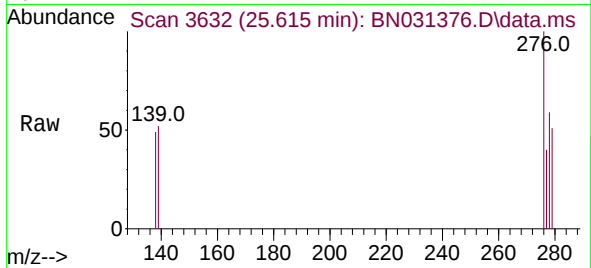
Tgt Ion:264 Resp: 10757
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.6 31.0
 265 64.5 53.3 79.9



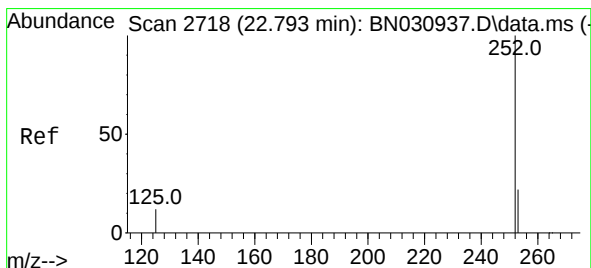
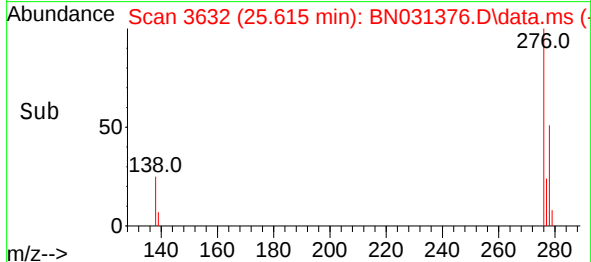
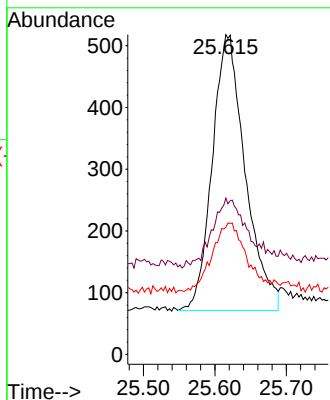


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.029 ng
RT: 25.615 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

Instrument :
BNA_N
ClientSampleId :
RMW-02B-32-042524

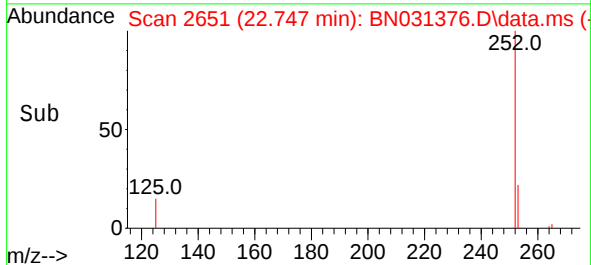
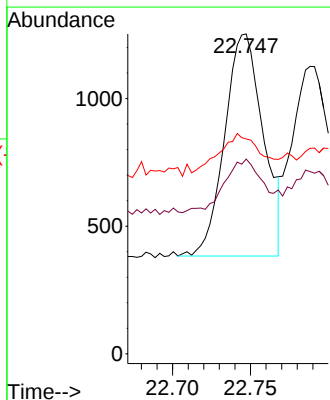
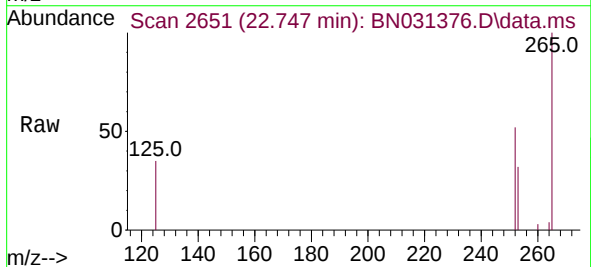


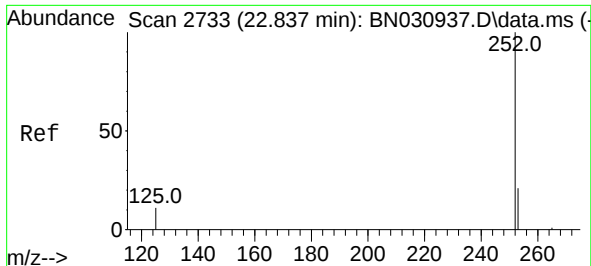
Tgt Ion:276 Resp: 1434
Ion Ratio Lower Upper
276 100
138 22.8 23.1 34.7#
277 25.7 19.9 29.9



#37
Benzo(b)fluoranthene
Concen: 0.034 ng
RT: 22.747 min Scan# 2651
Delta R.T. 0.000 min
Lab File: BN031376.D
Acq: 02 May 2024 18:01

Tgt Ion:252 Resp: 1503
Ion Ratio Lower Upper
252 100
253 60.9 20.2 30.2#
125 67.2 13.4 20.2#





#38

Benzo(k)fluoranthene

Concen: 0.028 ng

RT: 22.788 min Scan# 2

Delta R.T. -0.003 min

Lab File: BN031376.D

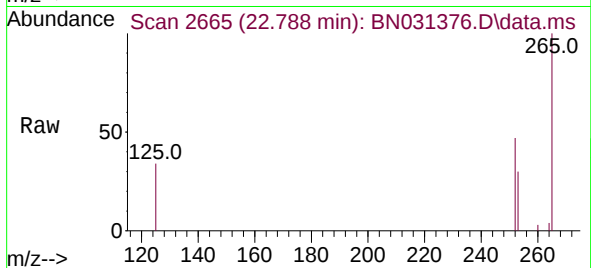
Acq: 02 May 2024 18:01

Instrument :

BNA_N

ClientSampleId :

RMW-02B-32-042524



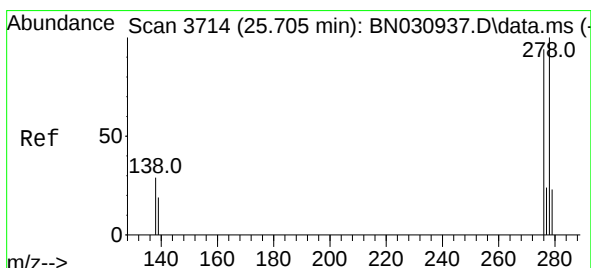
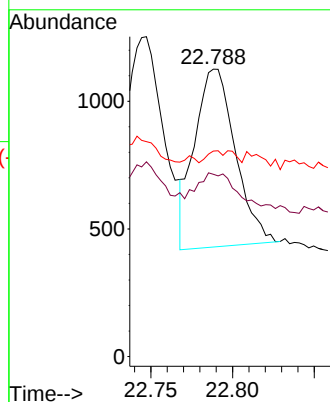
Tgt Ion:252 Resp: 1212

Ion Ratio Lower Upper

252 100

253 63.4 19.9 29.9#

125 71.5 13.2 19.8#



#40

Dibenzo(a,h)anthracene

Concen: 0.028 ng

RT: 25.630 min Scan# 3637

Delta R.T. -0.003 min

Lab File: BN031376.D

Acq: 02 May 2024 18:01

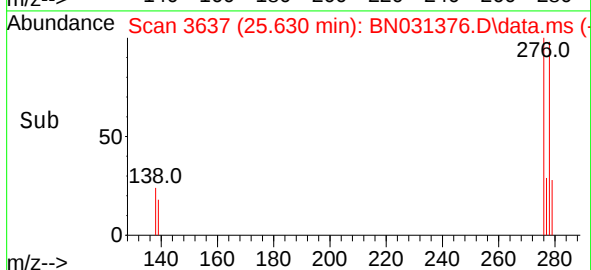
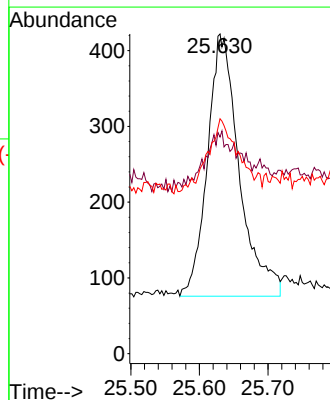
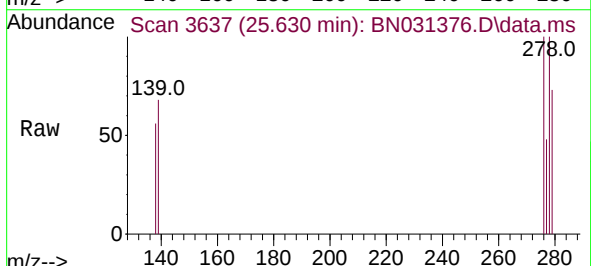
Tgt Ion:278 Resp: 1116

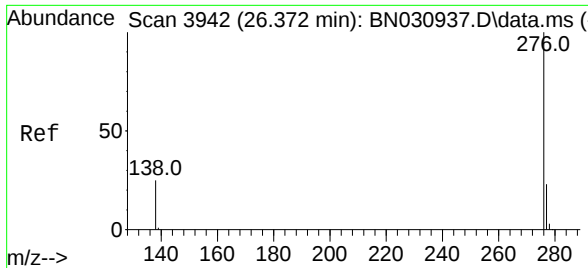
Ion Ratio Lower Upper

278 100

139 67.8 16.3 24.5#

279 73.5 20.6 31.0#





#41

Benzo(g,h,i)perylene

Concen: 0.029 ng

RT: 26.291 min Scan# 30

Delta R.T. -0.003 min

Lab File: BN031376.D

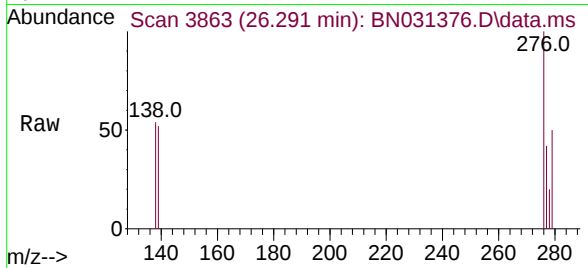
Acq: 02 May 2024 18:01

Instrument :

BNA_N

ClientSampleId :

RMW-02B-32-042524



Tgt Ion:276 Resp: 1275

Ion Ratio Lower Upper

276 100

277 42.4 19.4 29.2#

138 54.1 21.0 31.4#

