

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050224\
 Data File : BN031377.D
 Acq On : 02 May 2024 18:38
 Operator : MA/JU
 Sample : P2295-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 01:10:31 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)

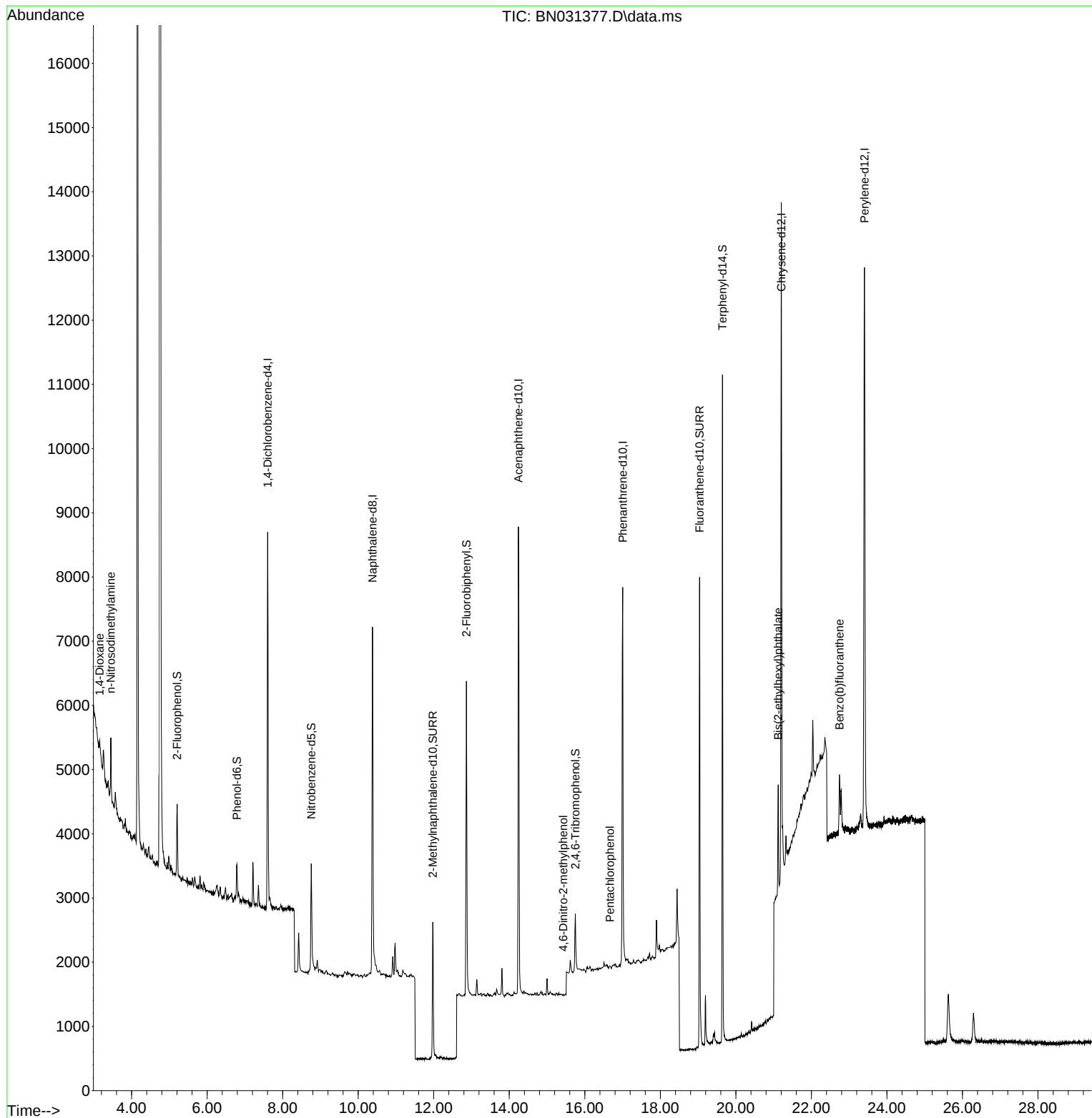
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.603	152	2895	0.400	ng	0.00
7) Naphthalene-d8	10.378	136	7871	0.400	ng	0.00
13) Acenaphthene-d10	14.242	164	4401	0.400	ng	0.00
19) Phenanthrene-d10	17.004	188	9687	0.400	ng	# 0.00
29) Chrysene-d12	21.202	240	10254	0.400	ng	0.00
35) Perylene-d12	23.405	264	12361	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.205	112	953	0.148	ng	0.00
5) Phenol-d6	6.787	99	672	0.086	ng	0.00
8) Nitrobenzene-d5	8.756	82	1637	0.300	ng	0.00
11) 2-Methylnaphthalene-d10	11.975	152	3160	0.261	ng	0.00
14) 2,4,6-Tribromophenol	15.750	330	563	0.330	ng	0.00
15) 2-Fluorobiphenyl	12.863	172	4484	0.303	ng	0.00
27) Fluoranthene-d10	19.040	212	8643	0.331	ng	0.00
31) Terphenyl-d14	19.644	244	10332	0.434	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.154	88	195	0.055	ng	# 1
3) n-Nitrosodimethylamine	3.450	42	96	0.029	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.429	198	16	0.113	ng	# 1
24) Pentachlorophenol	16.669	266	29	0.138	ng	# 65
34) Bis(2-ethylhexyl)phtha...	21.122	149	1662	0.102	ng	# 97
37) Benzo(b)fluoranthene	22.742	252	1272	0.025	ng	# 5

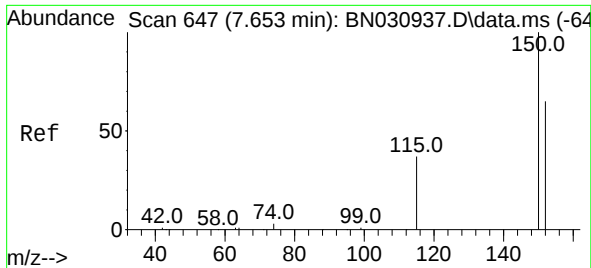
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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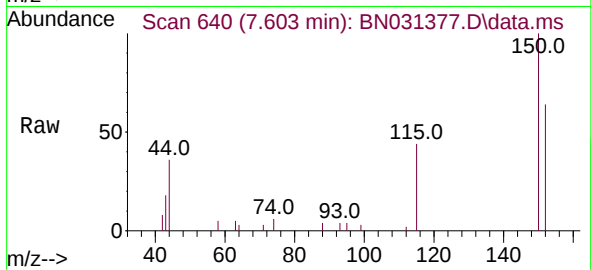
Quant Time: May 03 01:10:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



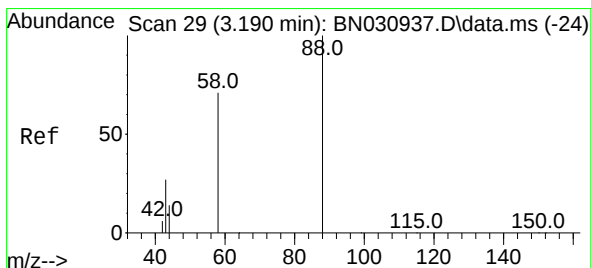
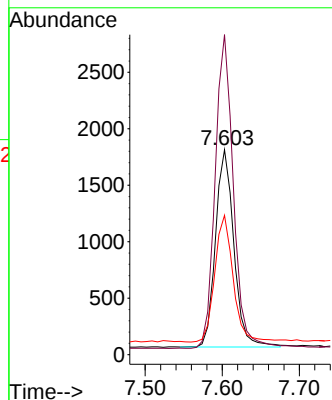
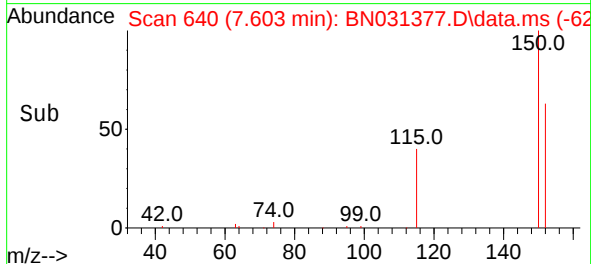


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.603 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BN031377.D
 Acq: 02 May 2024 18:38

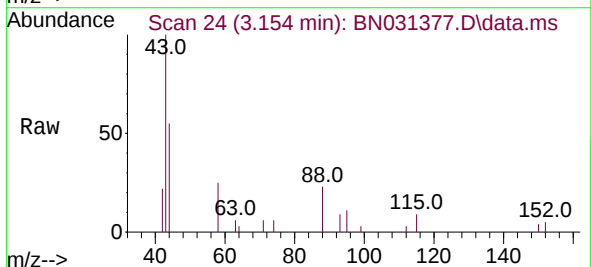
Instrument :
 BNA_N
 ClientSampleId :



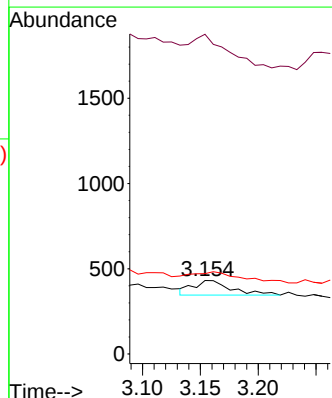
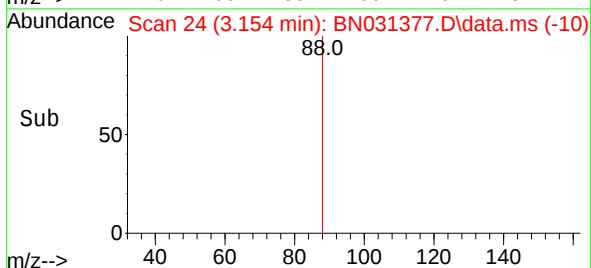
Tgt Ion:152 Resp: 2895
 Ion Ratio Lower Upper
 152 100
 150 156.1 121.7 182.5
 115 68.0 47.8 71.8

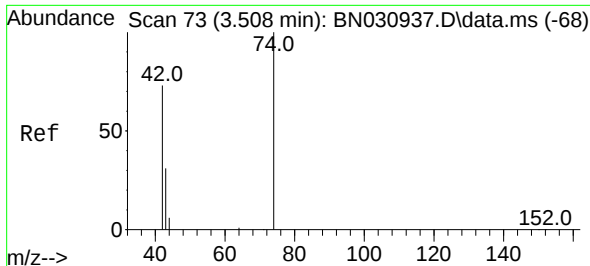


#2
 1,4-Dioxane
 Concen: 0.055 ng
 RT: 3.154 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BN031377.D
 Acq: 02 May 2024 18:38



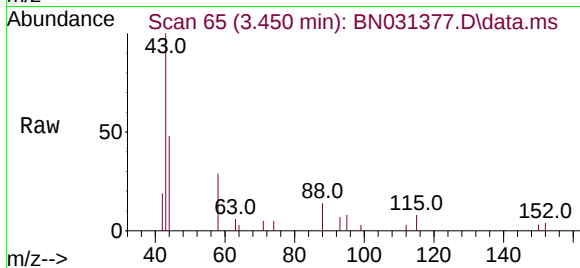
Tgt Ion: 88 Resp: 195
 Ion Ratio Lower Upper
 88 100
 43 174.4 23.7 35.5#
 58 98.5 55.7 83.5#



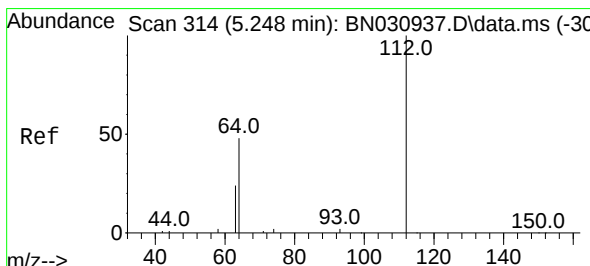
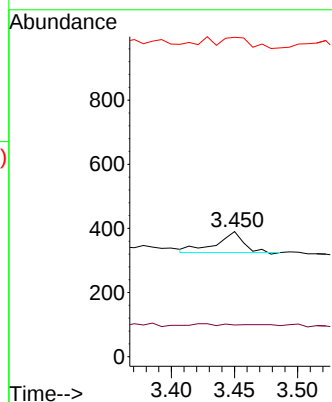
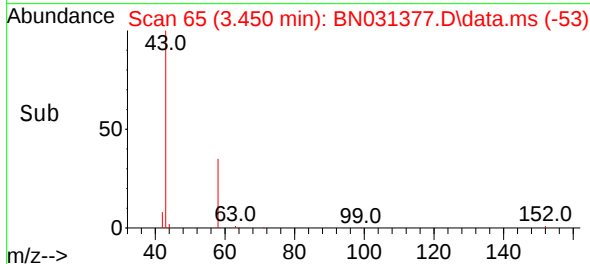


#3
 n-Nitrosodimethylamine
 Concen: 0.029 ng
 RT: 3.450 min Scan# 61
 Delta R.T. -0.014 min
 Lab File: BN031377.D
 Acq: 02 May 2024 18:38

Instrument :
 BNA_N
 ClientSampleId :

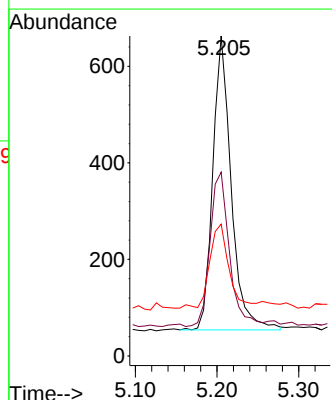
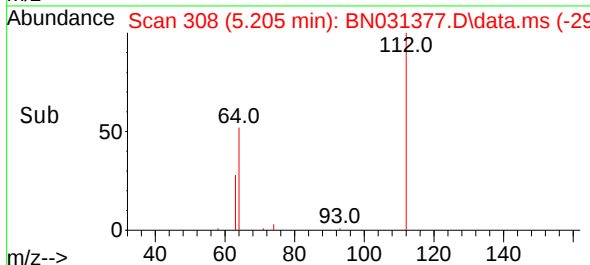
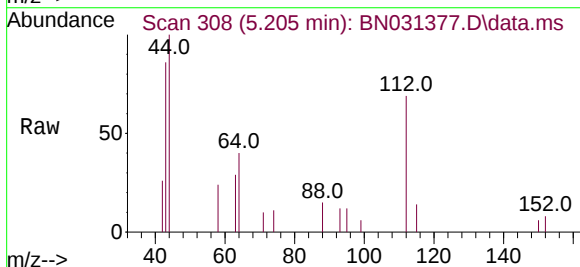


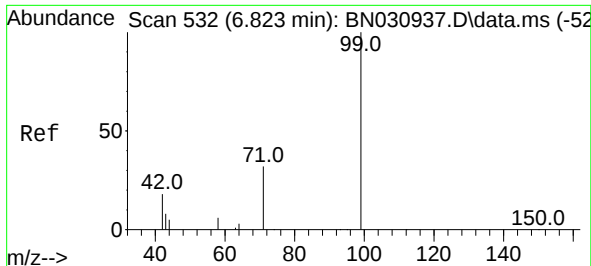
Tgt Ion: 42 Resp: 96
 Ion Ratio Lower Upper
 42 100
 74 0.0 103.1 154.7#
 44 49.0 7.0 10.6#



#4
 2-Fluorophenol
 Concen: 0.148 ng
 RT: 5.205 min Scan# 308
 Delta R.T. 0.000 min
 Lab File: BN031377.D
 Acq: 02 May 2024 18:38

Tgt Ion: 112 Resp: 953
 Ion Ratio Lower Upper
 112 100
 64 55.3 43.4 65.2
 63 29.6 22.2 33.2

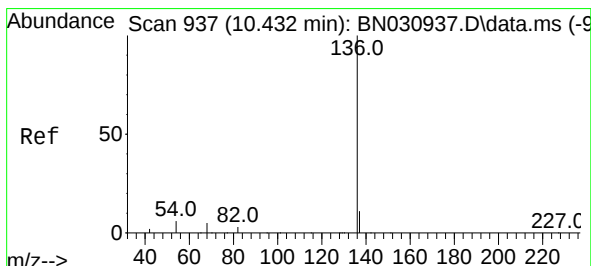
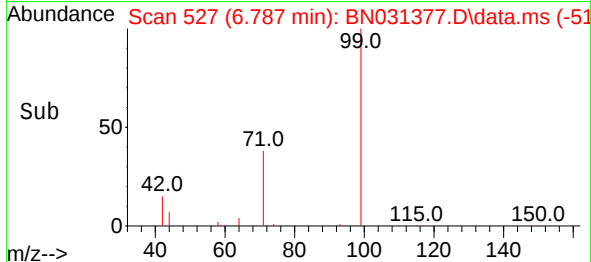
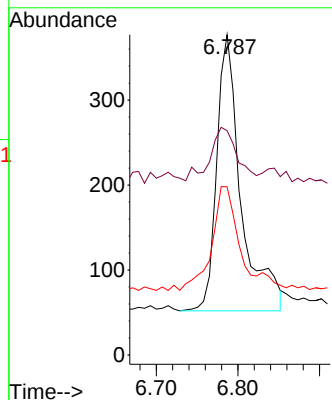
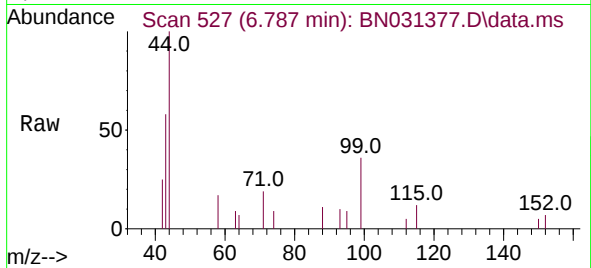




#5
Phenol-d6
Concen: 0.086 ng
RT: 6.787 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN031377.D
Acq: 02 May 2024 18:38

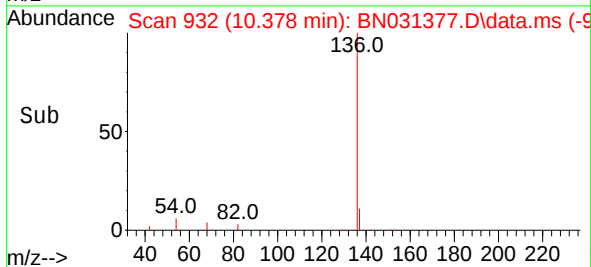
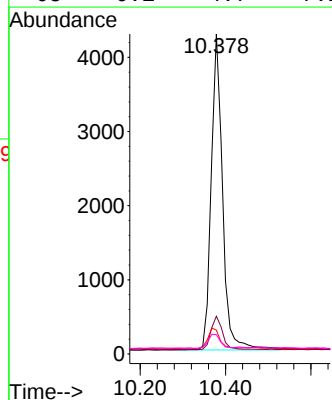
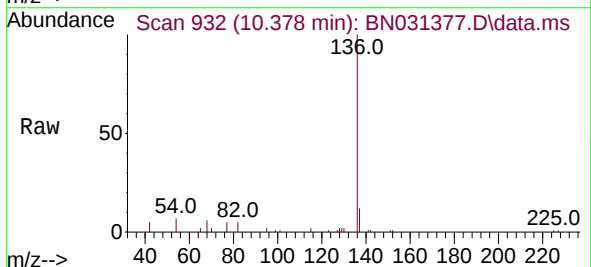
Instrument :
BNA_N
ClientSampleId :

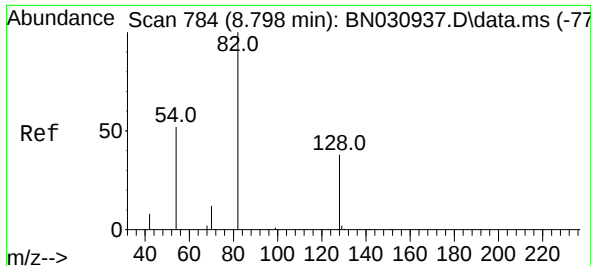
Tgt Ion: 99 Resp: 672
Ion Ratio Lower Upper
99 100
42 21.1 16.4 24.6
71 44.2 26.3 39.5#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.378 min Scan# 932
Delta R.T. 0.000 min
Lab File: BN031377.D
Acq: 02 May 2024 18:38

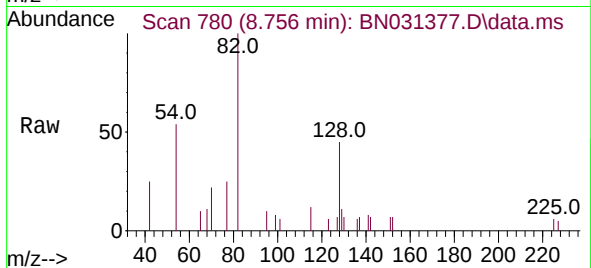
Tgt Ion: 136 Resp: 7871
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 7.5 5.3 7.9
68 6.1 4.7 7.1



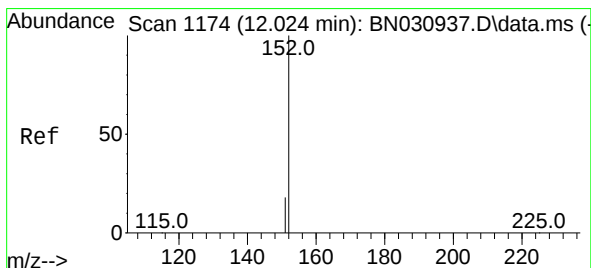
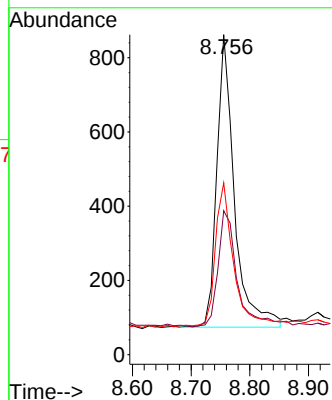
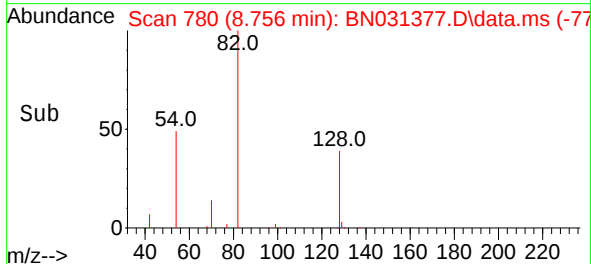


#8
Nitrobenzene-d5
Concen: 0.300 ng
RT: 8.756 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN031377.D
Acq: 02 May 2024 18:38

Instrument :
BNA_N
ClientSampleId :

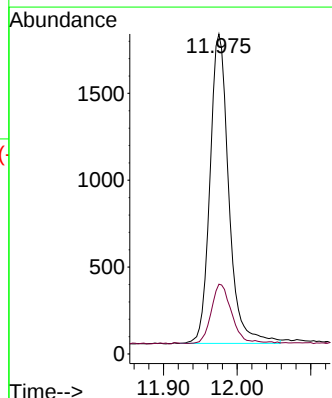
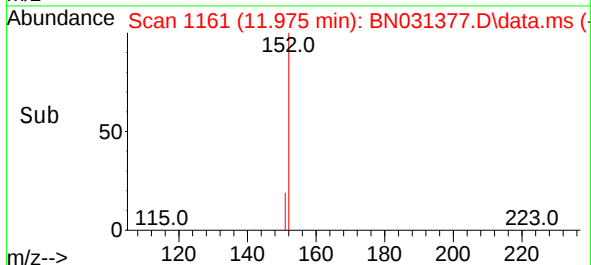
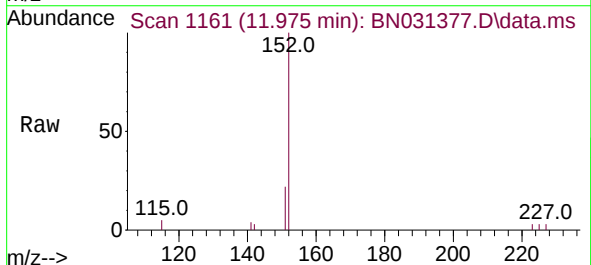


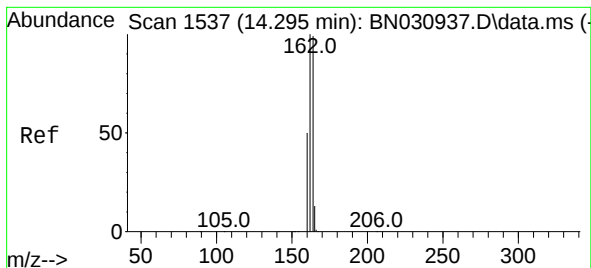
Tgt Ion: 82 Resp: 1637
Ion Ratio Lower Upper
82 100
128 45.0 33.7 50.5
54 53.7 43.7 65.5



#11
2-Methylnaphthalene-d10
Concen: 0.261 ng
RT: 11.975 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BN031377.D
Acq: 02 May 2024 18:38

Tgt Ion: 152 Resp: 3160
Ion Ratio Lower Upper
152 100
151 20.5 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.242 min Scan# 14

Delta R.T. 0.000 min

Lab File: BN031377.D

Acq: 02 May 2024 18:38

Instrument :

BNA_N

ClientSampleId :

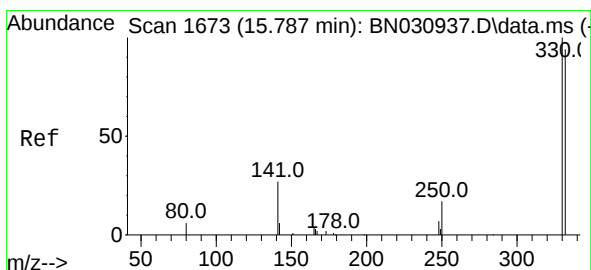
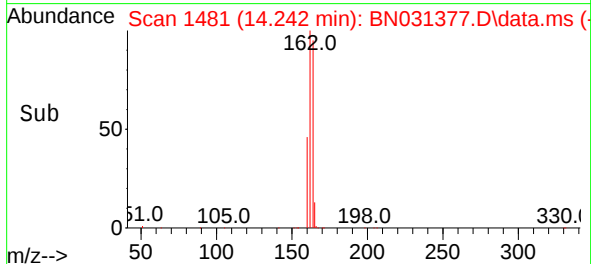
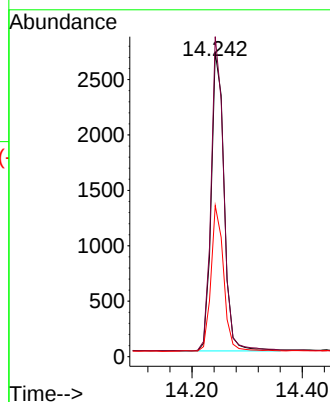
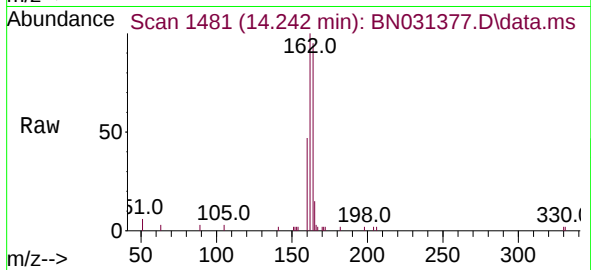
Tgt Ion:164 Resp: 4401

Ion Ratio Lower Upper

164 100

162 105.2 80.6 121.0

160 49.7 40.7 61.1



#14

2,4,6-Tribromophenol

Concen: 0.330 ng

RT: 15.750 min Scan# 1619

Delta R.T. 0.000 min

Lab File: BN031377.D

Acq: 02 May 2024 18:38

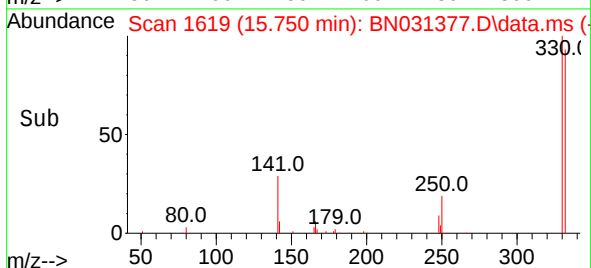
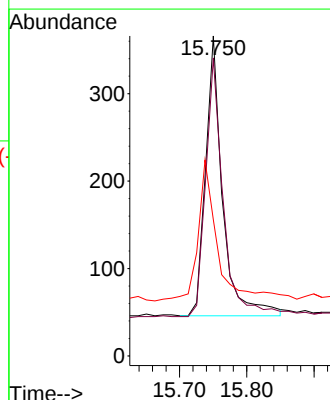
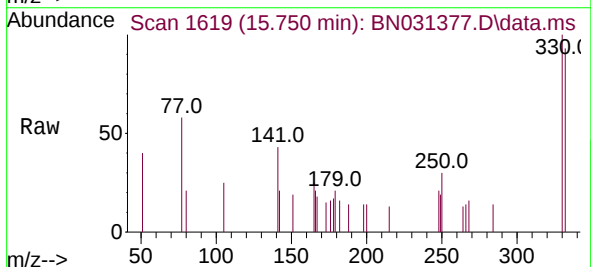
Tgt Ion:330 Resp: 563

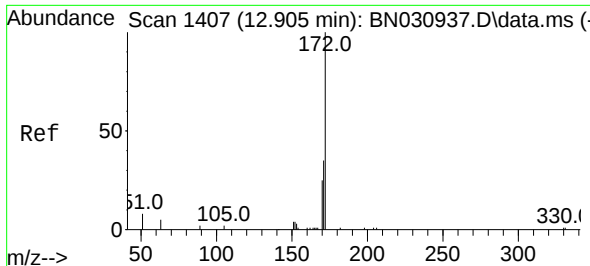
Ion Ratio Lower Upper

330 100

332 95.9 74.2 111.2

141 53.5 37.2 55.8





#15

2-Fluorobiphenyl

Concen: 0.303 ng

RT: 12.863 min Scan# 1407

Delta R.T. 0.000 min

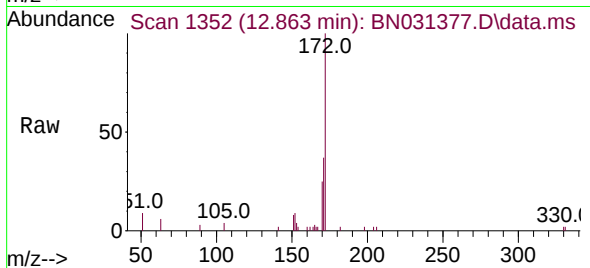
Lab File: BN031377.D

Acq: 02 May 2024 18:38

Instrument :

BNA_N

ClientSampleId :



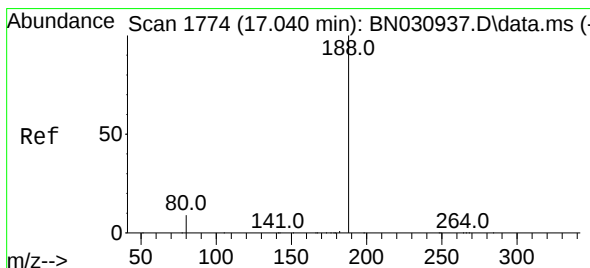
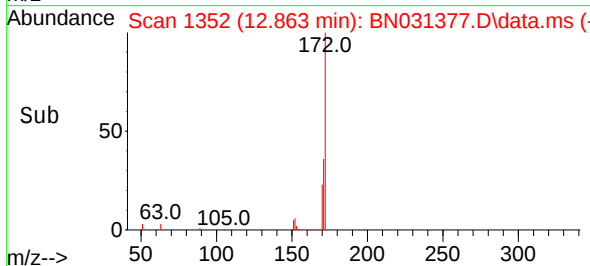
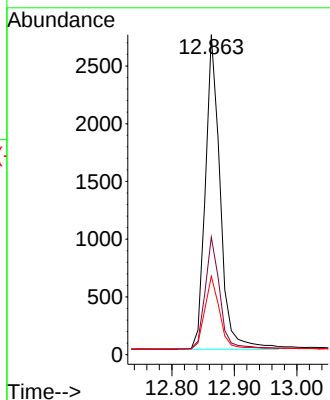
Tgt Ion:172 Resp: 4484

Ion Ratio Lower Upper

172 100

171 36.8 28.3 42.5

170 24.5 19.8 29.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.004 min Scan# 1720

Delta R.T. 0.000 min

Lab File: BN031377.D

Acq: 02 May 2024 18:38

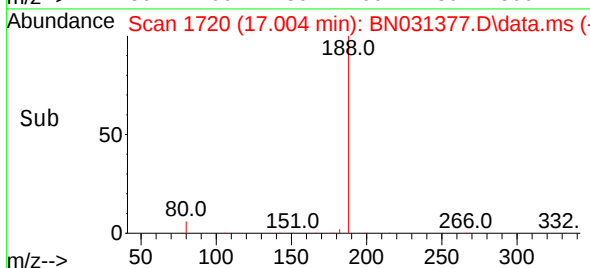
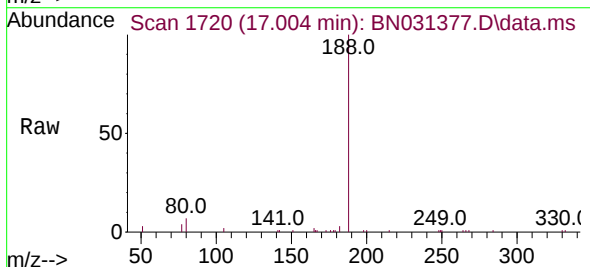
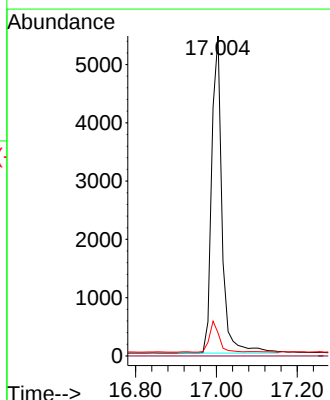
Tgt Ion:188 Resp: 9687

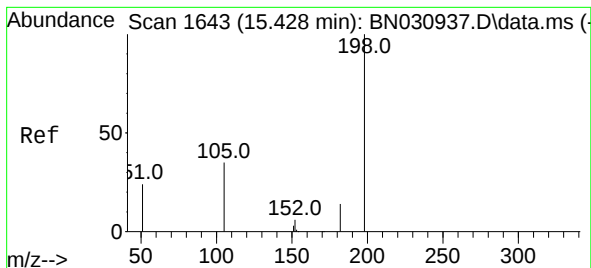
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 7.2 7.4 11.2#

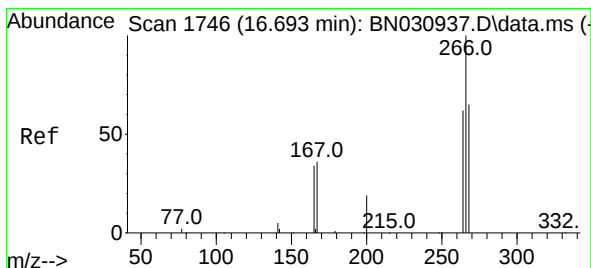
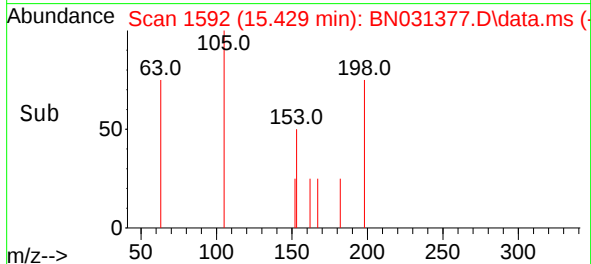
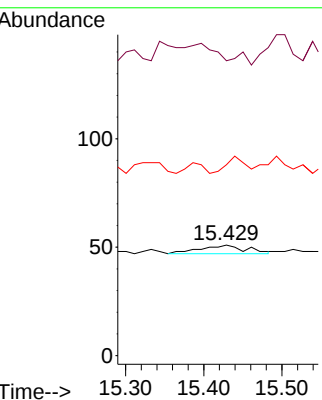
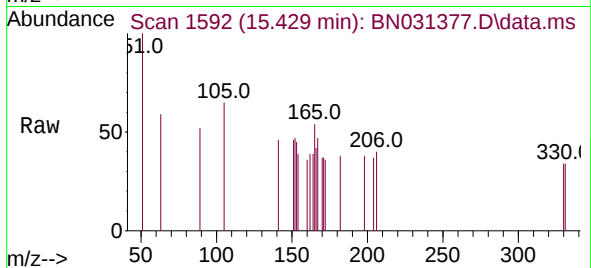




#20
4,6-Dinitro-2-methylphenol
Concen: 0.113 ng
RT: 15.429 min Scan# 1643
Delta R.T. 0.032 min
Lab File: BN031377.D
Acq: 02 May 2024 18:38

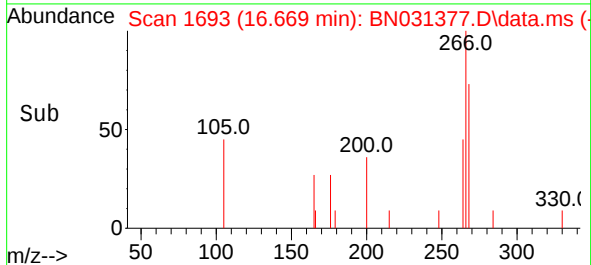
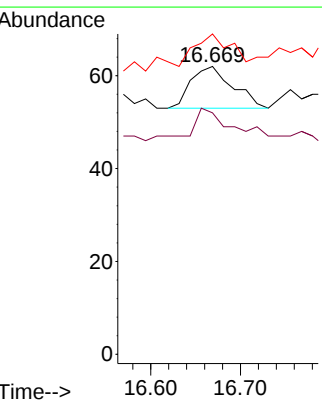
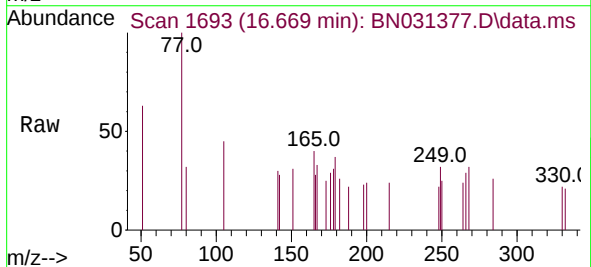
Instrument :
BNA_N
ClientSampleId :

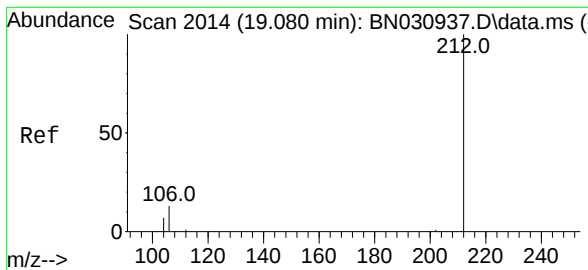
Tgt Ion:198 Resp: 16
Ion Ratio Lower Upper
198 100
51 266.7 65.2 97.8#
105 172.5 41.0 61.4#



#24
Pentachlorophenol
Concen: 0.138 ng
RT: 16.669 min Scan# 1693
Delta R.T. 0.013 min
Lab File: BN031377.D
Acq: 02 May 2024 18:38

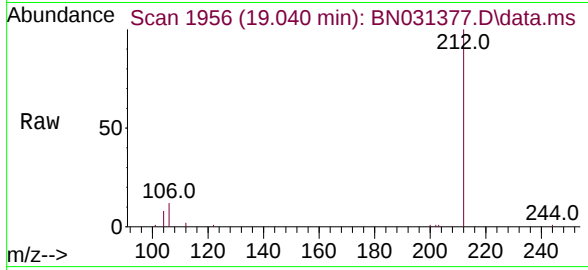
Tgt Ion:266 Resp: 29
Ion Ratio Lower Upper
266 100
264 75.9 50.2 75.2#
268 106.9 52.3 78.5#



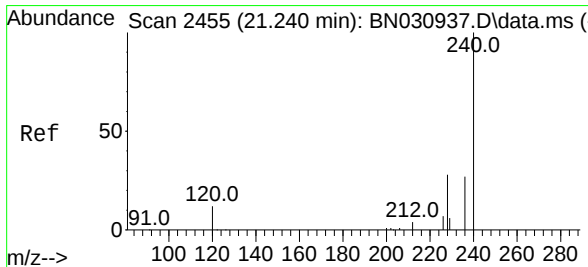
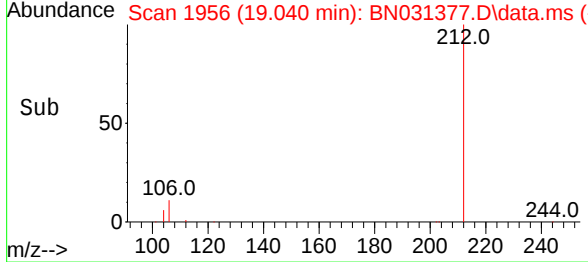
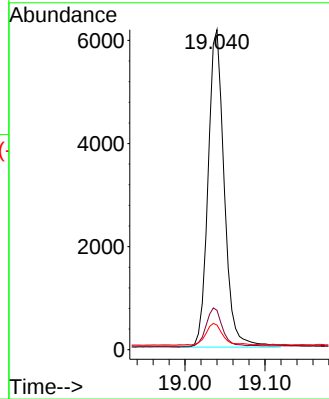


#27
Fluoranthene-d10
Concen: 0.331 ng
RT: 19.040 min Scan# 1956
Delta R.T. 0.005 min
Lab File: BN031377.D
Acq: 02 May 2024 18:38

Instrument :
BNA_N
ClientSampleId :

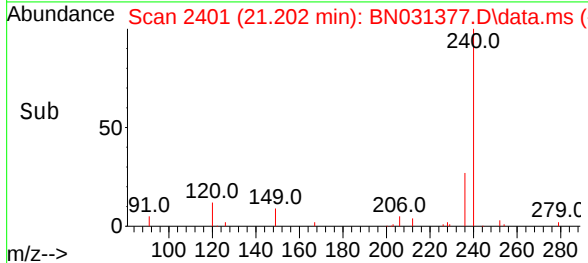
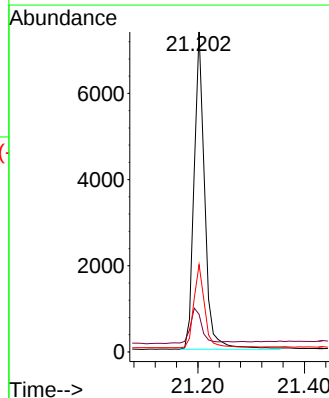
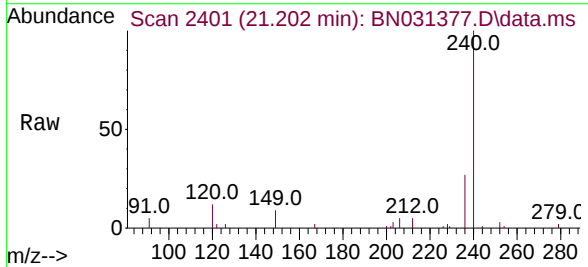


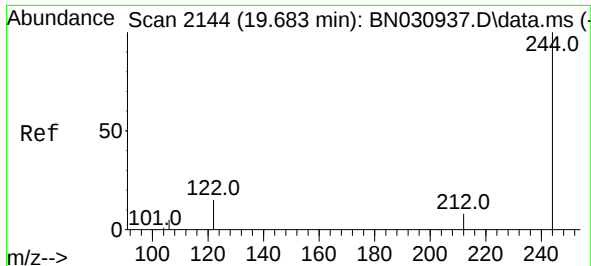
Tgt Ion:212 Resp: 8643
Ion Ratio Lower Upper
212 100
106 12.4 12.0 18.0
104 7.0 6.7 10.1



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.202 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BN031377.D
Acq: 02 May 2024 18:38

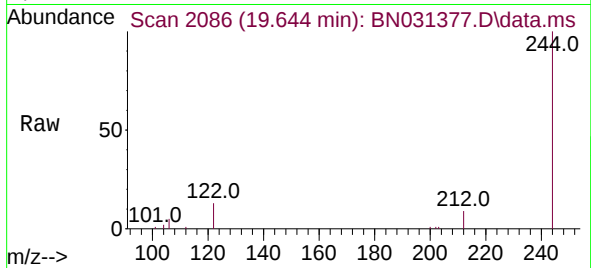
Tgt Ion:240 Resp: 10254
Ion Ratio Lower Upper
240 100
120 11.8 11.0 16.4
236 27.3 22.3 33.5



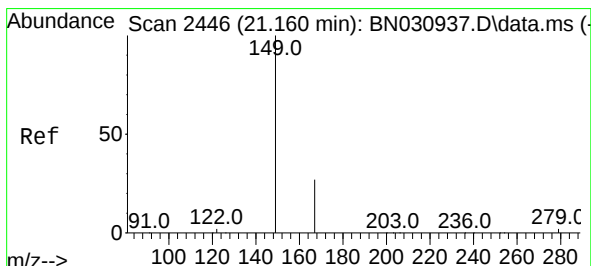
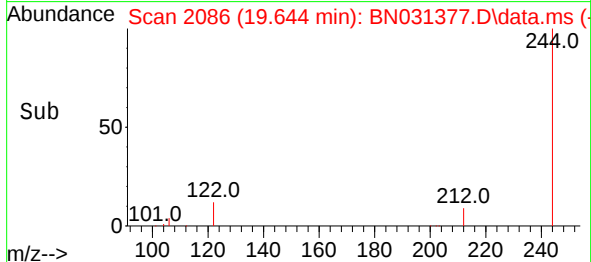
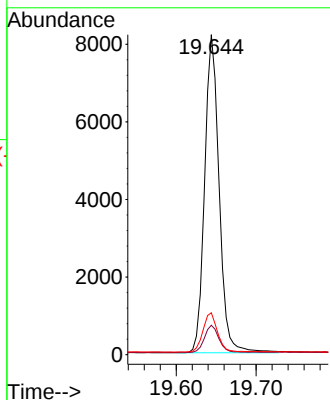


#31
 Terphenyl-d14
 Concen: 0.434 ng
 RT: 19.644 min Scan# 2086
 Delta R.T. 0.000 min
 Lab File: BN031377.D
 Acq: 02 May 2024 18:38

Instrument :
 BNA_N
 ClientSampleId :

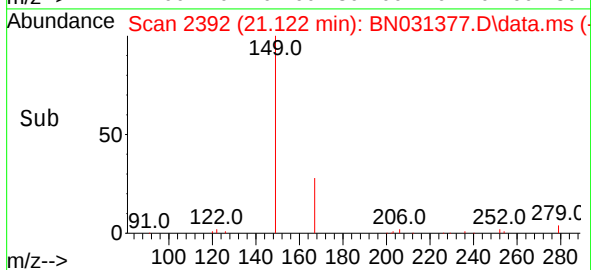
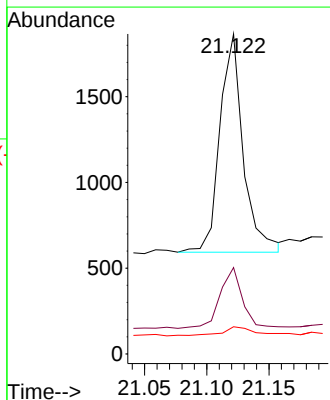
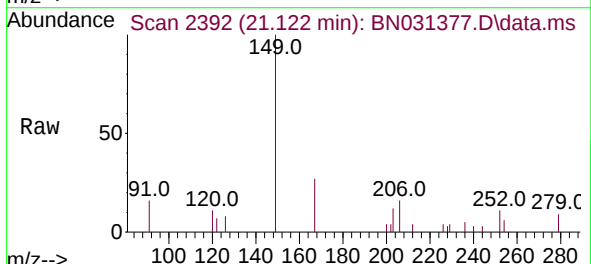


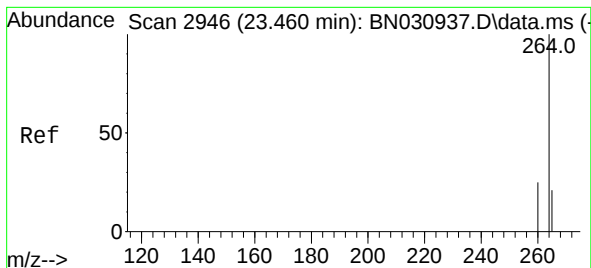
Tgt Ion:244 Resp: 10332
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.2 10.8
 122 13.1 12.7 19.1



#34
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 21.122 min Scan# 2392
 Delta R.T. 0.000 min
 Lab File: BN031377.D
 Acq: 02 May 2024 18:38

Tgt Ion:149 Resp: 1662
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.0 31.4
 279 6.7 2.9 4.3#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.405 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN031377.D

Acq: 02 May 2024 18:38

Instrument :

BNA_N

ClientSampleId :

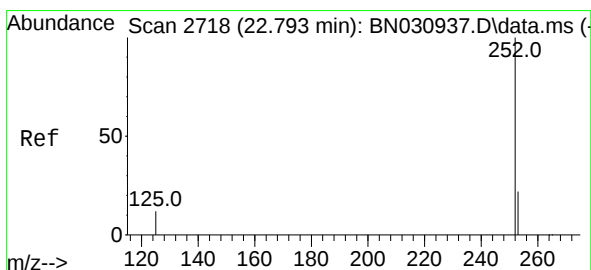
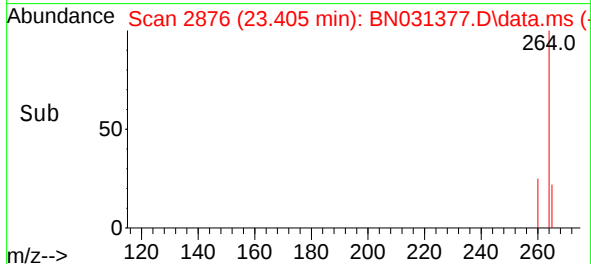
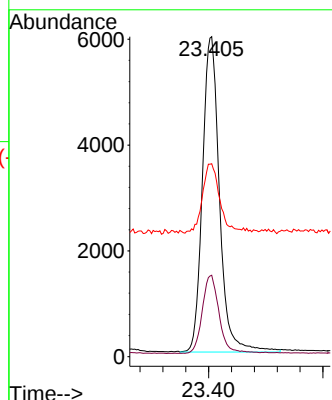
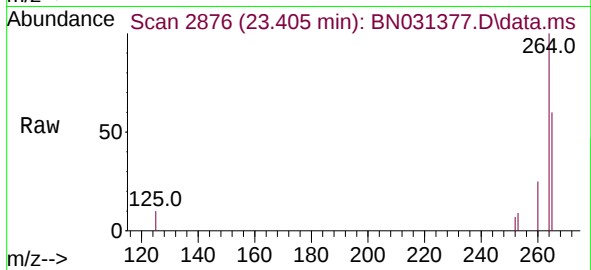
Tgt Ion:264 Resp: 12361

Ion Ratio Lower Upper

264 100

260 25.4 20.6 31.0

265 60.3 53.3 79.9



#37

Benzo(b)fluoranthene

Concen: 0.025 ng

RT: 22.742 min Scan# 2649

Delta R.T. -0.006 min

Lab File: BN031377.D

Acq: 02 May 2024 18:38

Tgt Ion:252 Resp: 1272

Ion Ratio Lower Upper

252 100

253 65.1 20.2 30.2#

125 68.3 13.4 20.2#

