

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017838.D
 Acq On : 09 Dec 2021 17:17
 Operator : CG/JU
 Sample : M4922-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D4-20211129

Quant Time: Dec 10 06:47:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 08 01:18:09 2021
 Response via : Initial Calibration

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

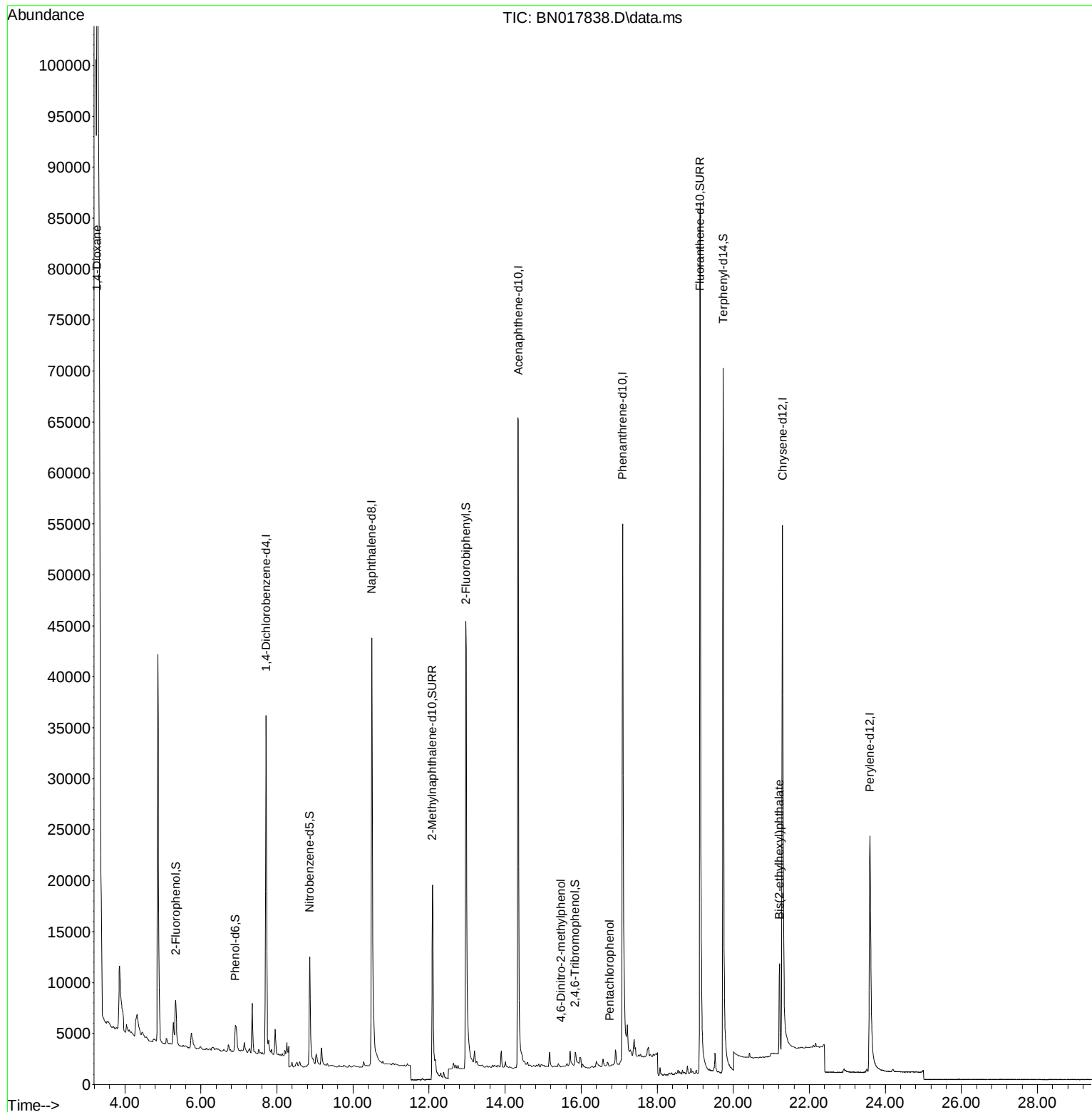
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	19856	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	75260	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	51960	0.40	ng	0.00
19) Phenanthrene-d10	17.093	188	108693	0.40	ng	# 0.00
29) Chrysene-d12	21.293	240	78992	0.40	ng	# 0.01
35) Perylene-d12	23.593	264	49451	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5285	0.11	ng	0.00
5) Phenol-d6	6.903	99	2732	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	12875	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	37898	0.25	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	2071	0.08	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	56111	0.29	ng	0.01
27) Fluoranthene-d10	19.129	212	135532	0.37	ng	0.00
31) Terphenyl-d14	19.735	244	104641	0.62	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.271	88	83129	11.37	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.464	198	8	0.09	ng	# 1
24) Pentachlorophenol	16.752	266	14	0.28	ng	# 41
34) Bis(2-ethylhexyl)phtha...	21.219	149	9954	0.09	ng	99

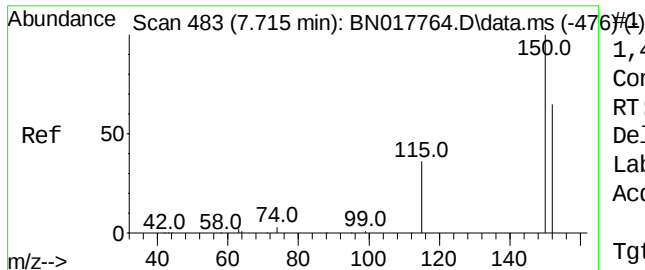
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.715 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017838.D

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RE132D4-20211129

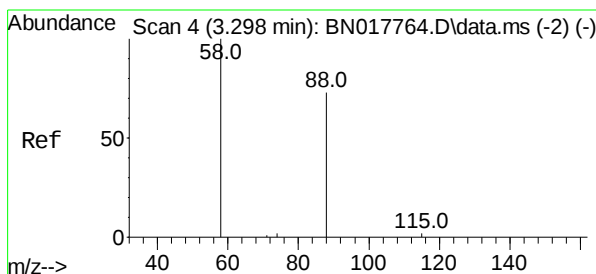
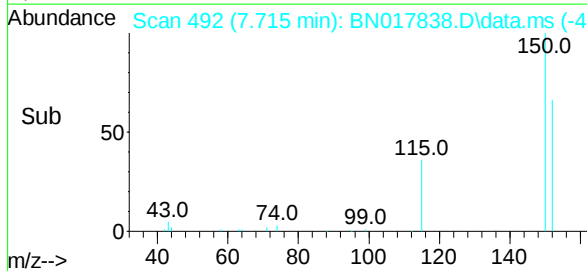
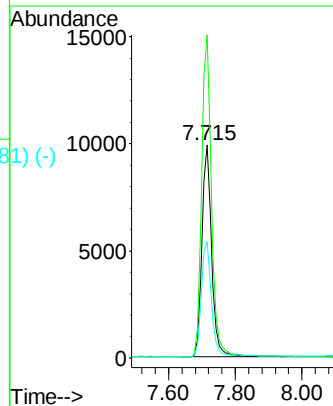
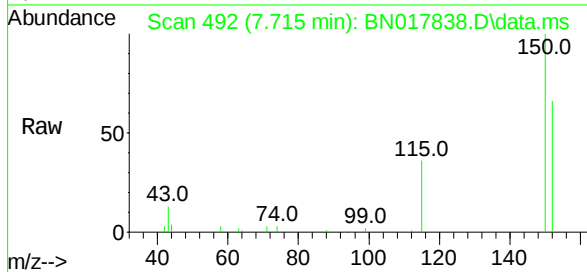
Tgt Ion:152 Resp: 19856

Ion Ratio Lower Upper

152 100

150 151.7 123.0 184.4

115 54.6 45.3 67.9



#2

1,4-Dioxane

Concen: 11.37 ng

RT: 3.271 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17

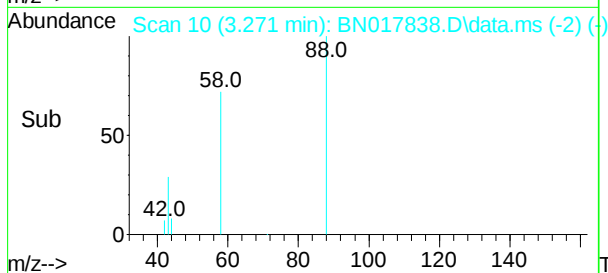
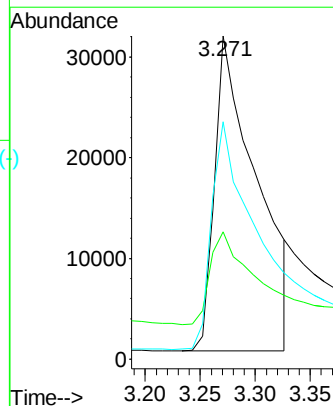
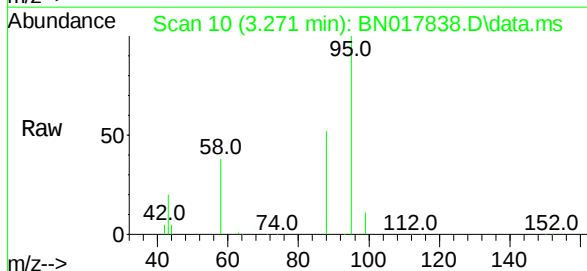
Tgt Ion: 88 Resp: 83129

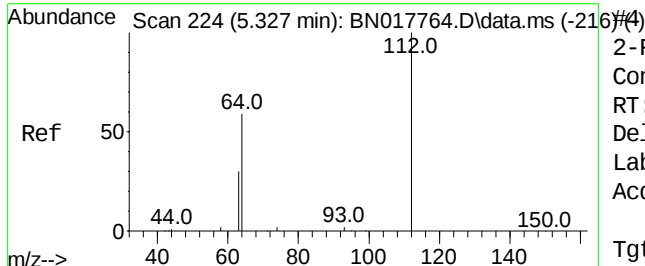
Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0#

58 74.0 0.0 0.0#





2-Fluorophenol

Concen: 0.11 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17

Instrument :

BNA_N

ClientSampleId :

RE132D4-20211129

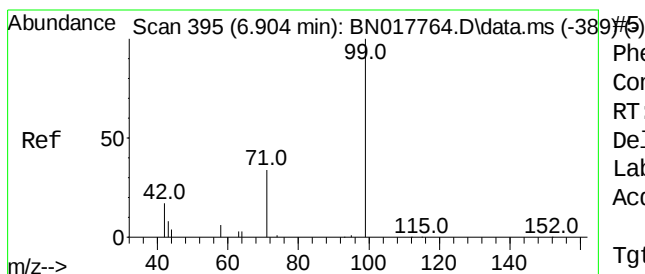
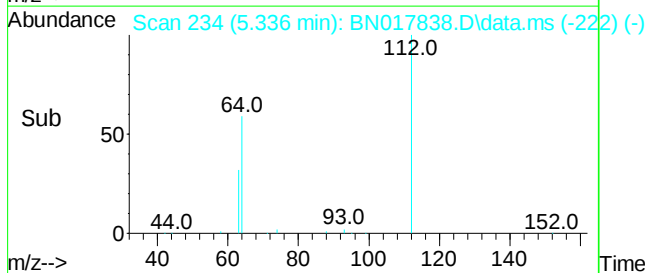
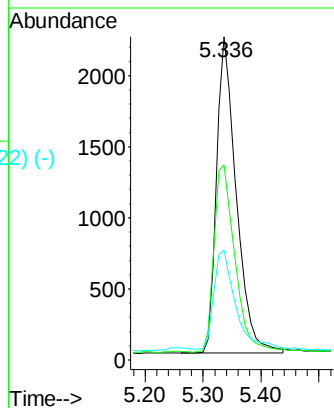
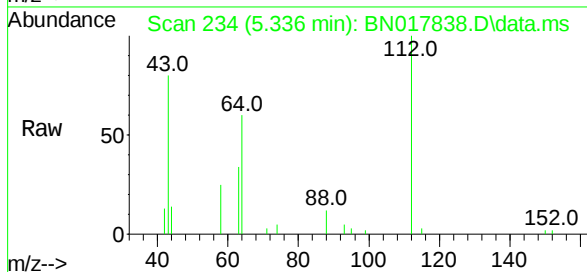
Tgt Ion:112 Resp: 5285

Ion Ratio Lower Upper

112 100

64 62.7 49.3 73.9

63 34.1 25.8 38.8



Phenol-d6

Concen: 0.06 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17

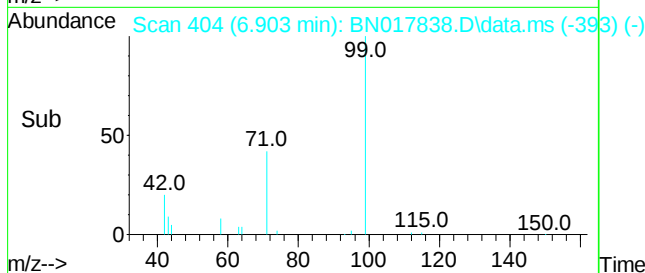
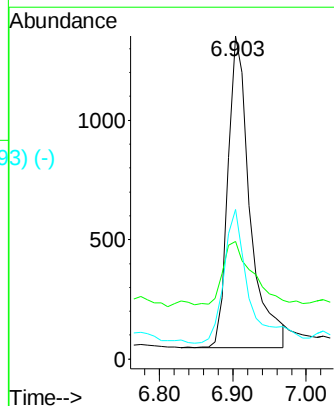
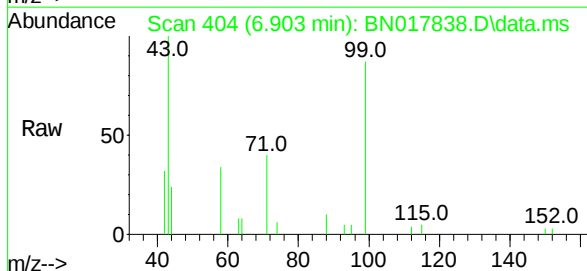
Tgt Ion: 99 Resp: 2732

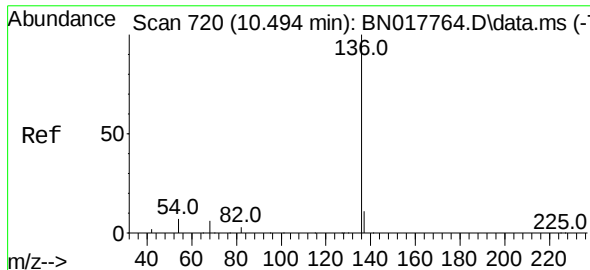
Ion Ratio Lower Upper

99 100

42 26.7 16.6 25.0#

71 45.2 29.0 43.4#





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

Delta R.T. -0.000 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17

Instrument :

BNA_N

ClientSampleId :

RE132D4-20211129

Tgt Ion:136 Resp: 75260

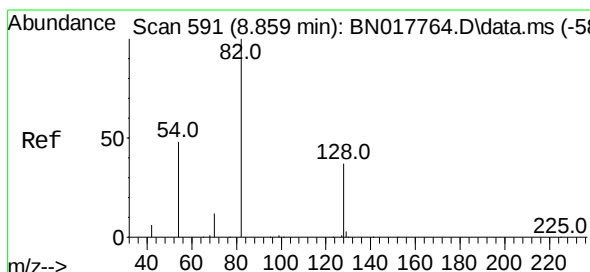
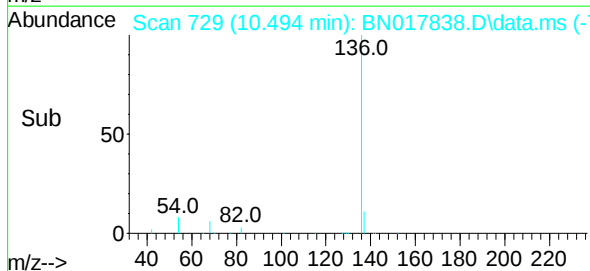
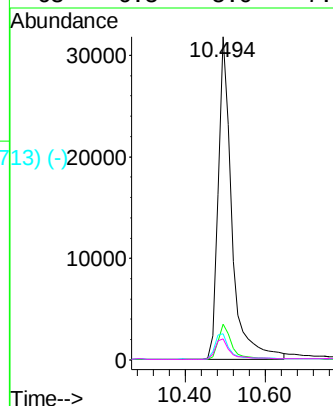
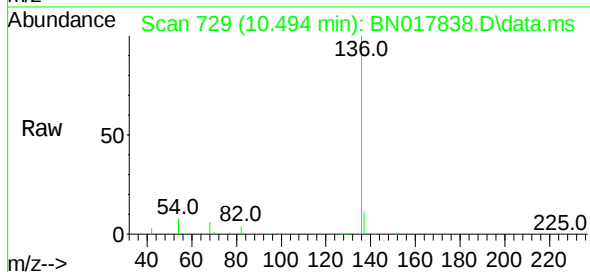
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.0 5.9 8.9

68 6.5 5.0 7.6



Nitrobenzene-d5

Concen: 0.26 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17

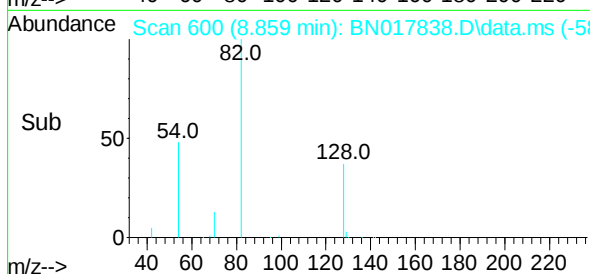
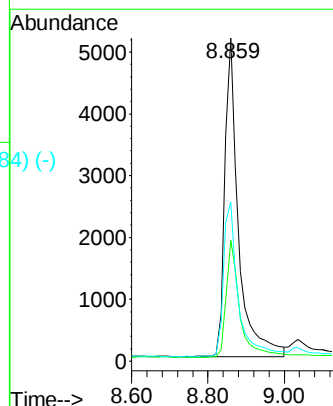
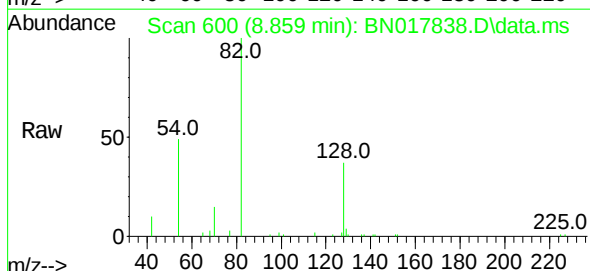
Tgt Ion: 82 Resp: 12875

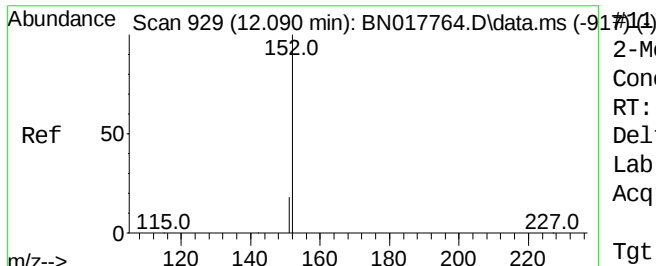
Ion Ratio Lower Upper

82 100

128 37.3 30.2 45.2

54 49.2 39.0 58.6

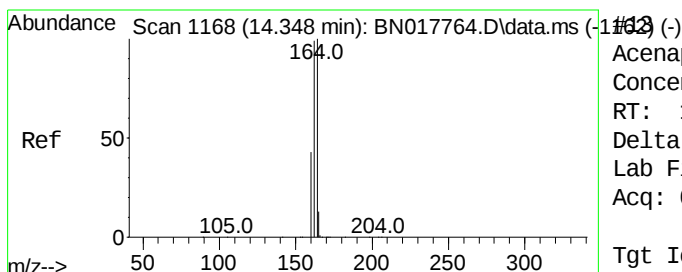
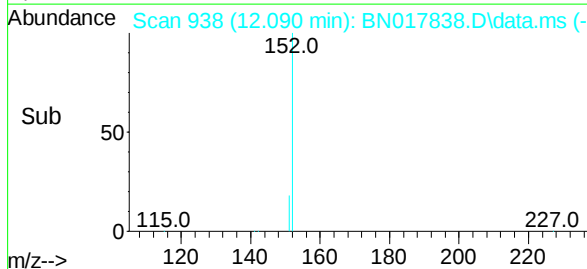
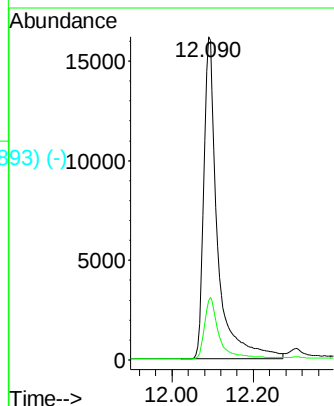
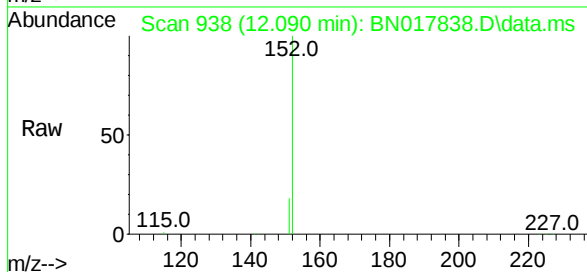




2-Methylnaphthalene-d10
Concen: 0.25 ng
RT: 12.090 min Scan# 117
Delta R.T. -0.000 min
Lab File: BN017838.D
Acq: 09 Dec 2021 17:17

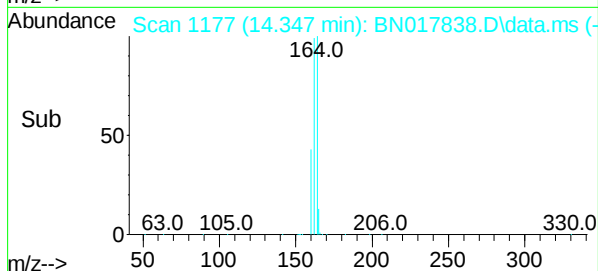
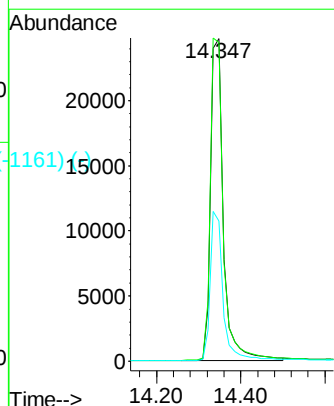
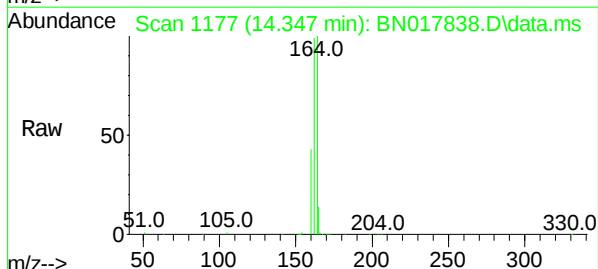
Instrument :
BNA_N
ClientSampleId :
RE132D4-20211129

Tgt Ion:152 Resp: 37898
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6



Acenaphthene-d10
Concen: 0.40 ng
RT: 14.347 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BN017838.D
Acq: 09 Dec 2021 17:17

Tgt Ion:164 Resp: 51960
Ion Ratio Lower Upper
164 100
162 98.8 79.0 118.6
160 43.3 34.6 52.0



Abundance Scan 1286 (15.845 min): BN017764.D\data.ms (-1286) (-)

2,4,6-Tribromophenol

Concen: 0.08 ng

RT: 15.845 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BN017838.D

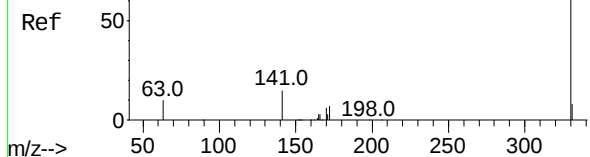
Acq: 09 Dec 2021 17:17

Instrument :

BNA_N

ClientSampleId :

RE132D4-20211129



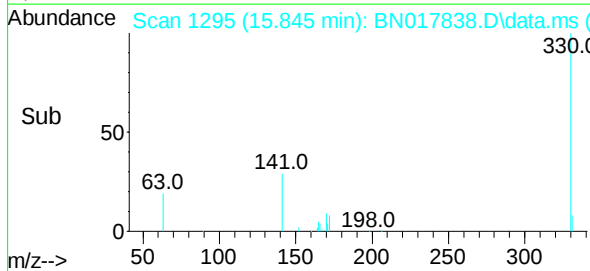
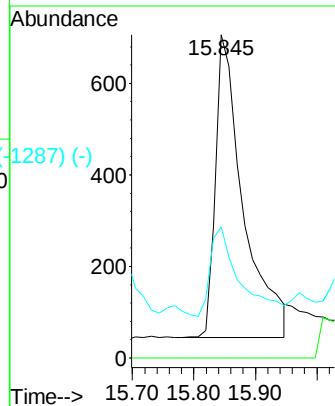
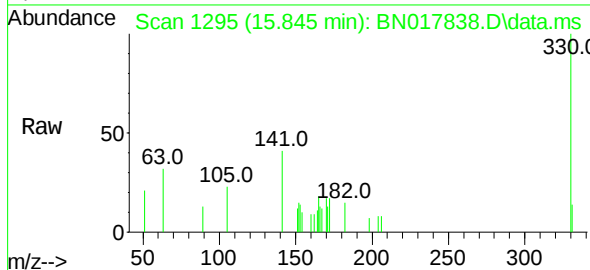
Tgt Ion:330 Resp: 2071

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.6 21.5 32.3



Abundance Scan 1059 (12.965 min): BN017764.D\data.ms (-1059) (-)

2-Fluorobiphenyl

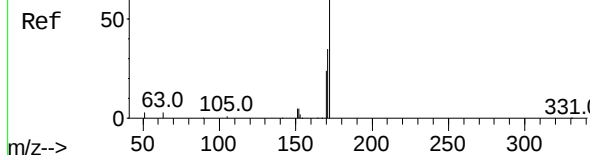
Concen: 0.29 ng

RT: 12.977 min Scan# 1069

Delta R.T. 0.013 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17



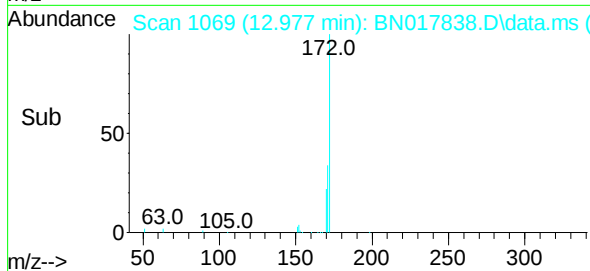
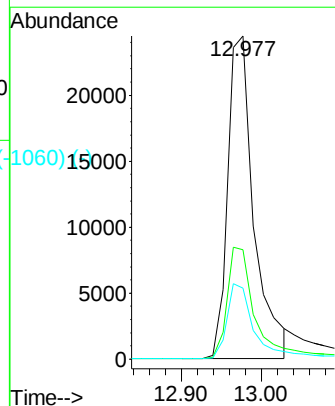
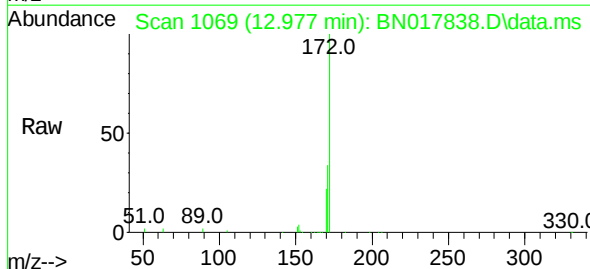
Tgt Ion:172 Resp: 56111

Ion Ratio Lower Upper

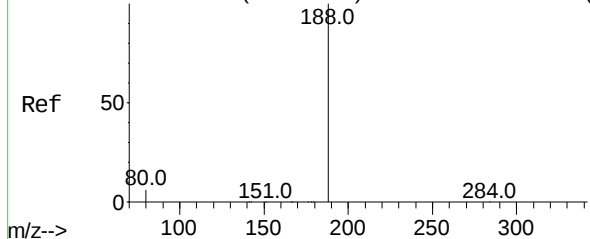
172 100

171 33.8 28.1 42.1

170 22.0 18.9 28.3



Abundance Scan 1388 (17.093 min): BN017764.D\data.ms (-1388) (-)



Phenanthrene-d10

Concen: 0.40 ng

RT: 17.093 min Scan# 1388

Delta R.T. -0.000 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17

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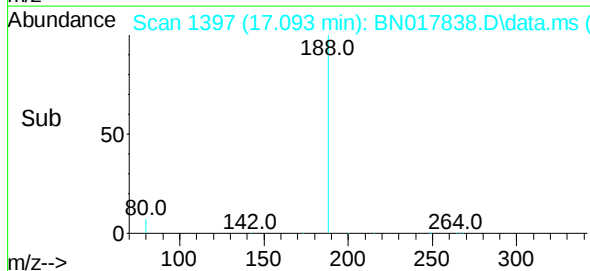
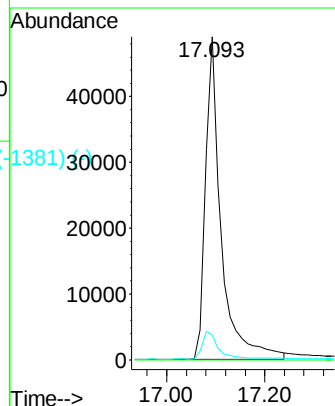
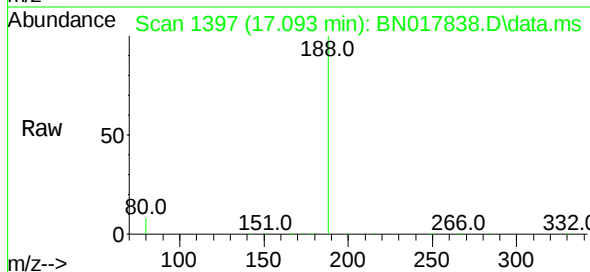
Tgt Ion:188 Resp: 108693

Ion Ratio Lower Upper

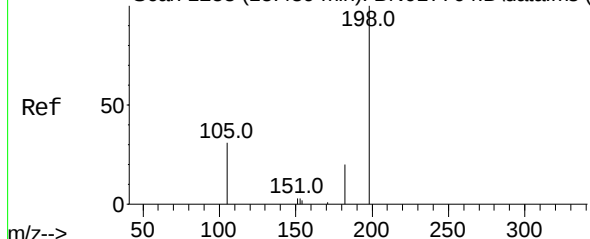
188 100

94 0.0 0.0 0.0

80 7.7 5.1 7.7#



Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1258) (-)



4,6-Dinitro-2-methylphenol

Concen: 0.09 ng

RT: 15.464 min Scan# 1265

Delta R.T. -0.025 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17

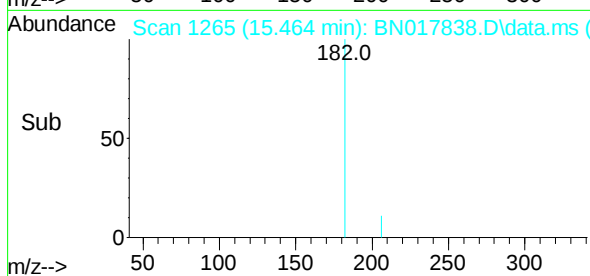
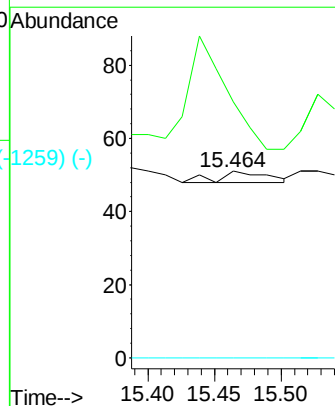
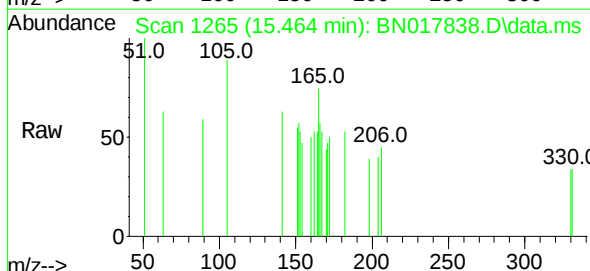
Tgt Ion:198 Resp: 8

Ion Ratio Lower Upper

198 100

182 137.3 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1361) (-)

Pentachlorophenol

Concen: 0.28 ng

RT: 16.752 min Scan# 1361

Delta R.T. -0.012 min

Lab File: BN017838.D

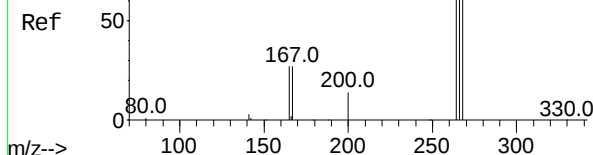
Acq: 09 Dec 2021 17:17

Instrument :

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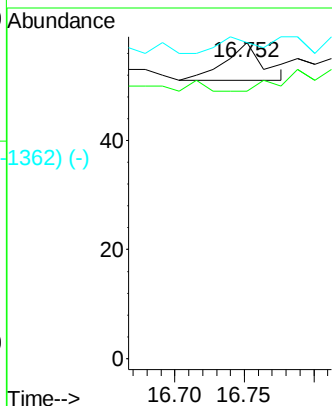
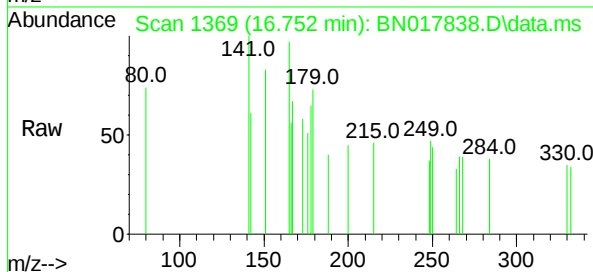
Tgt Ion:266 Resp: 14

Ion Ratio Lower Upper

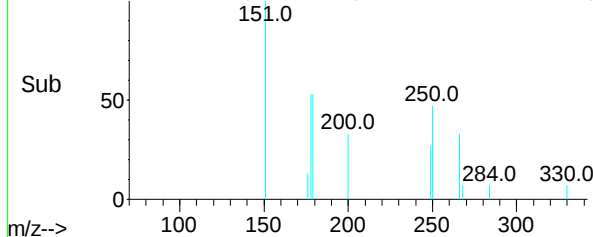
266 100

264 0.0 50.8 76.2#

268 35.7 51.8 77.6#



Abundance Scan 1369 (16.752 min): BN017838.D\data.ms (-1362) (-)



Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)

Fluoranthene-d10

Concen: 0.37 ng

RT: 19.129 min Scan# 1697

Delta R.T. -0.000 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17

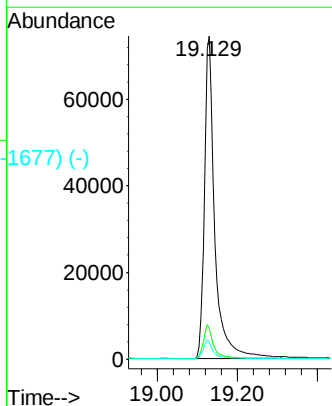
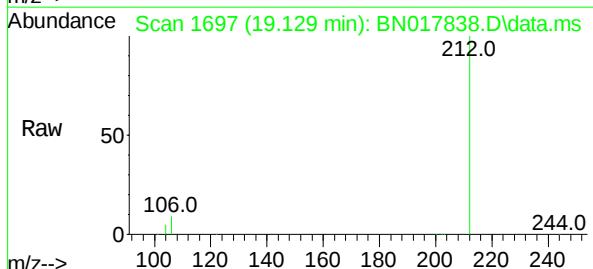
Tgt Ion:212 Resp: 135532

Ion Ratio Lower Upper

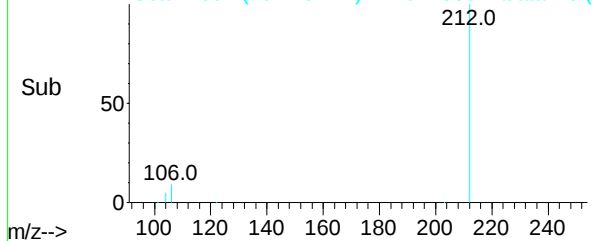
212 100

106 10.3 8.2 12.2

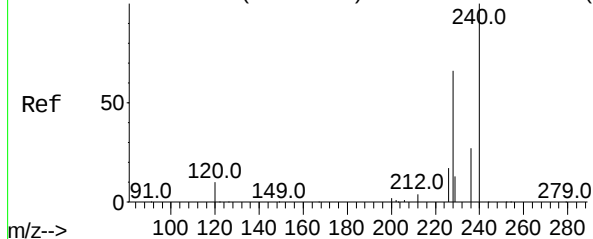
104 5.8 4.6 6.8



Abundance Scan 1697 (19.129 min): BN017838.D\data.ms (-1677) (-)



Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1975) (-)



Chrysene-d12

Concen: 0.40 ng

RT: 21.293 min Scan# 1929

Delta R.T. 0.010 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17

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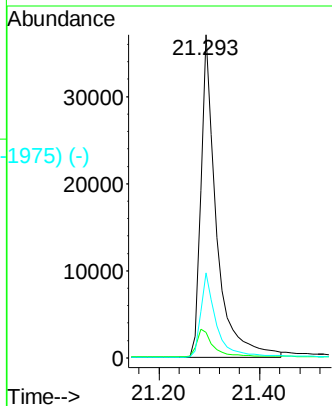
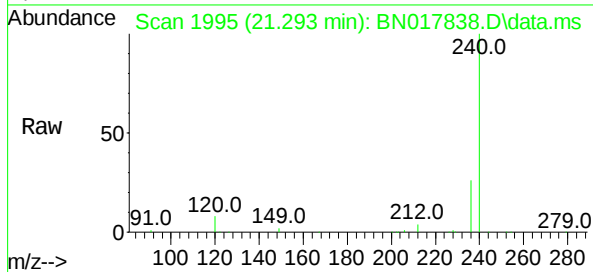
Tgt Ion:240 Resp: 78992

Ion Ratio Lower Upper

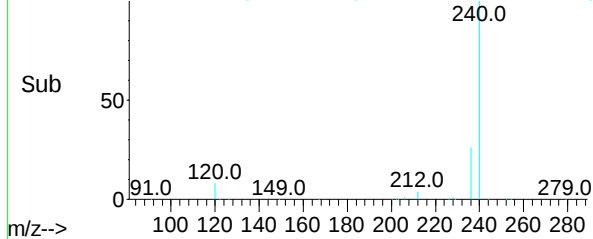
240 100

120 7.9 7.9 11.9#

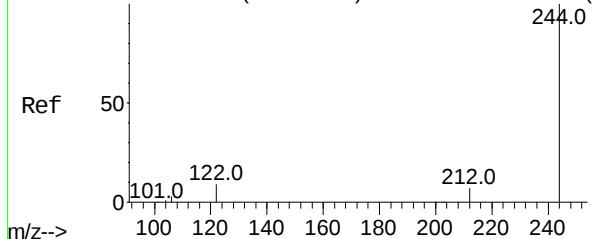
236 26.3 21.4 32.2



Abundance Scan 1995 (21.293 min): BN017838.D\data.ms (-1975) (-)



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1801) (-)



Terphenyl-d14

Concen: 0.62 ng

RT: 19.735 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17

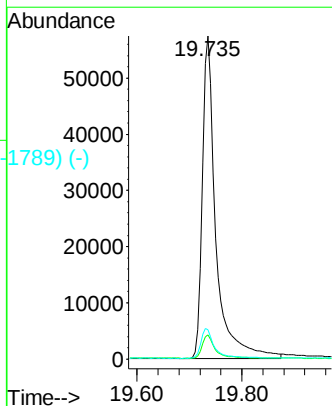
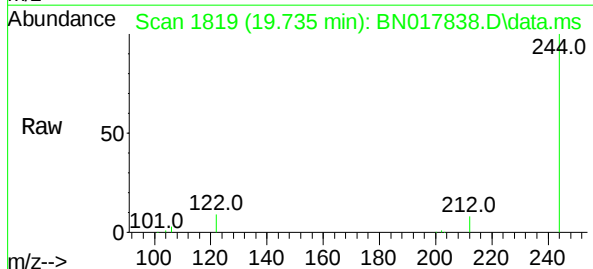
Tgt Ion:244 Resp: 104641

Ion Ratio Lower Upper

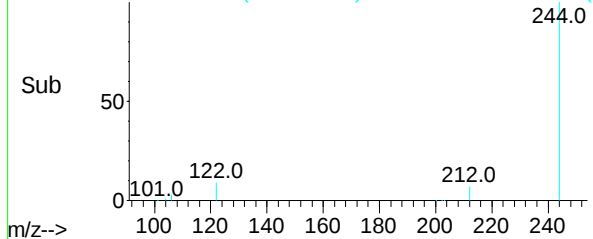
244 100

212 7.6 5.8 8.8

122 9.2 7.1 10.7



Abundance Scan 1819 (19.735 min): BN017838.D\data.ms (-1789) (-)



Abundance Scan 1979 (21.219 min): BN017764.D\data.ms (-1979) (-)

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 21.219 min Scan# 1979

Delta R.T. -0.000 min

Lab File: BN017838.D

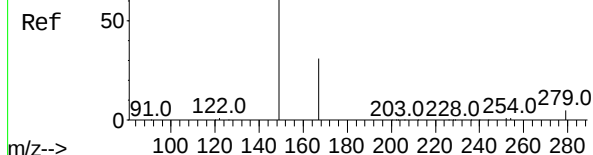
Acq: 09 Dec 2021 17:17

Instrument :

BNA_N

ClientSampleId :

RE132D4-20211129



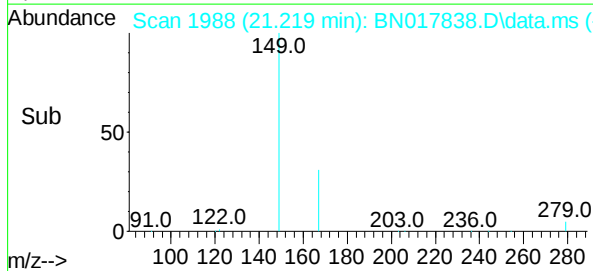
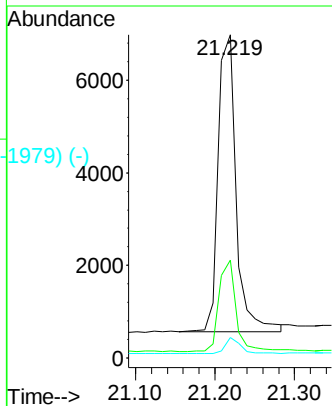
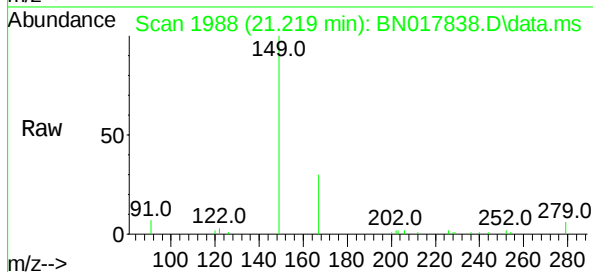
Tgt Ion:149 Resp: 9954

Ion Ratio Lower Upper

149 100

167 28.8 23.5 35.3

279 4.8 3.8 5.6



Abundance Scan 2434 (23.582 min): BN017764.D\data.ms (-2434) (-)

Perylene-d12

Concen: 0.40 ng

RT: 23.593 min Scan# 2446

Delta R.T. 0.010 min

Lab File: BN017838.D

Acq: 09 Dec 2021 17:17

Tgt Ion:264 Resp: 49451

Ion Ratio Lower Upper

264 100

260 25.5 20.0 30.0

265 24.2 20.5 30.7

