

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017821.D
 Acq On : 09 Dec 2021 05:48
 Operator : CG/JU
 Sample : M4922-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20211130

Quant Time: Dec 10 01:51:08 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)

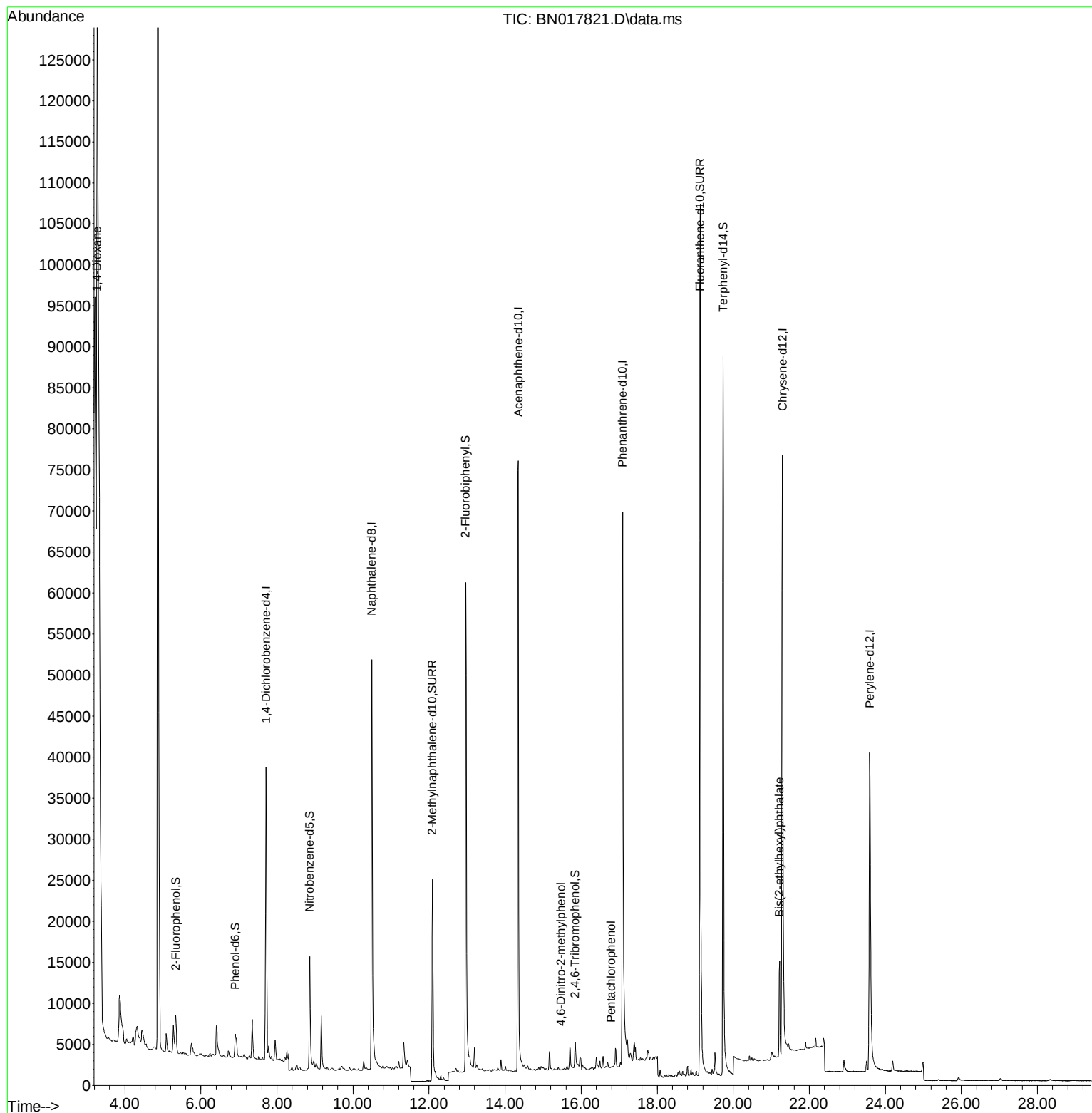
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20785	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	81260	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	56621	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	121177	0.40	ng	0.00
29) Chrysene-d12	21.293	240	100324	0.40	ng	# 0.01
35) Perylene-d12	23.589	264	73471	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5114	0.10	ng	0.00
5) Phenol-d6	6.903	99	2890	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	15156	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	41758	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4041	0.14	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	64295	0.31	ng	0.00
27) Fluoranthene-d10	19.129	212	148358	0.37	ng	0.00
31) Terphenyl-d14	19.735	244	118990	0.55	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	113907	14.89	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.464	198	9	0.09	ng	# 8
24) Pentachlorophenol	16.788	266	7	0.28	ng	# 44
34) Bis(2-ethylhexyl)phtha...	21.219	149	12635	0.09	ng	100

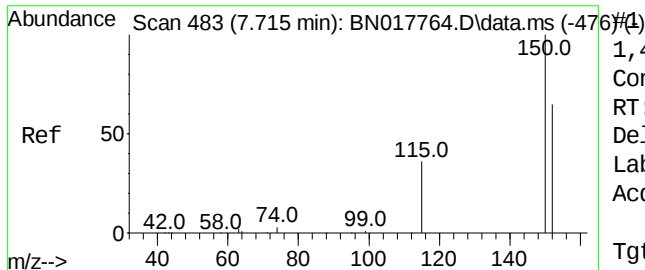
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN017821.D

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RE131D2-20211130

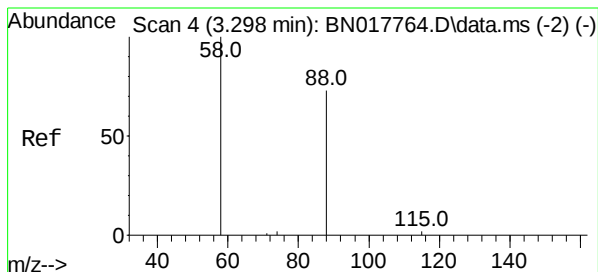
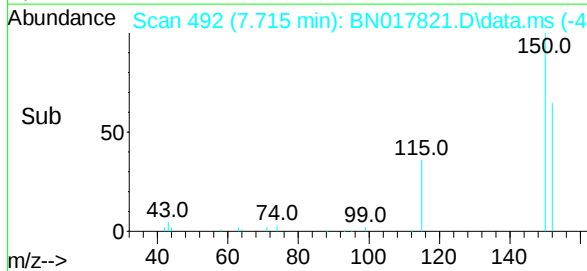
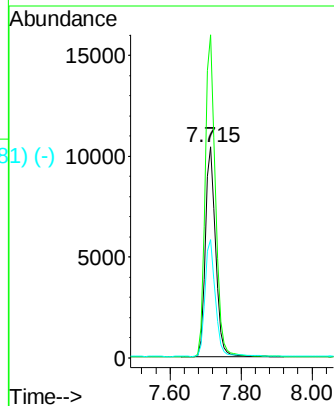
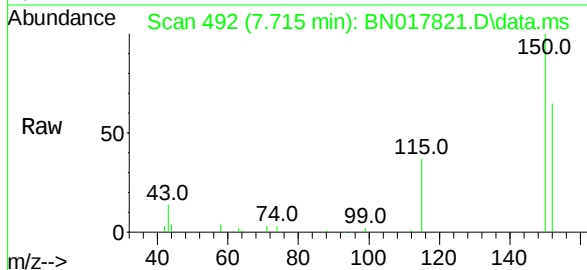
Tgt Ion:152 Resp: 20785

Ion Ratio Lower Upper

152 100

150 153.3 123.0 184.4

115 56.1 45.3 67.9



#2

1,4-Dioxane

Concen: 14.89 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017821.D

Acq: 09 Dec 2021 05:48

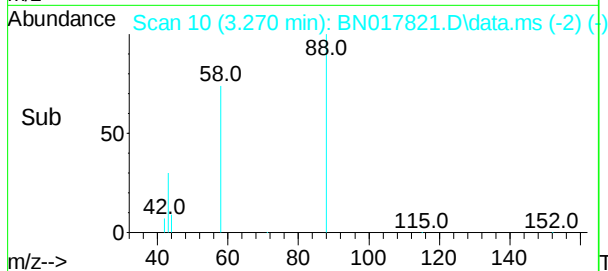
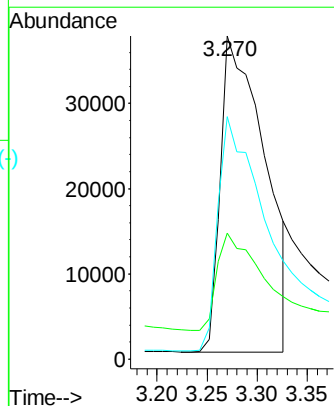
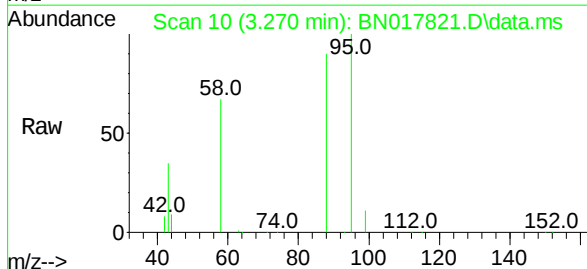
Tgt Ion: 88 Resp: 113907

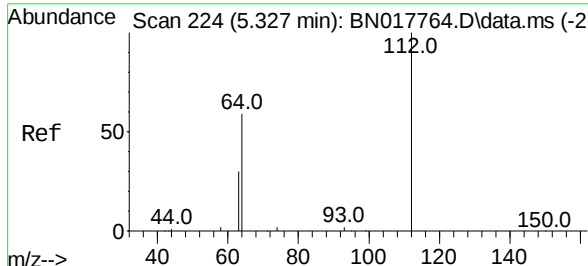
Ion Ratio Lower Upper

88 100

43 30.5 0.0 0.0#

58 74.0 0.0 0.0#





2-Fluorophenol

Concen: 0.10 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017821.D

Acq: 09 Dec 2021 05:48

Instrument :

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ClientSampleId :

RE131D2-20211130

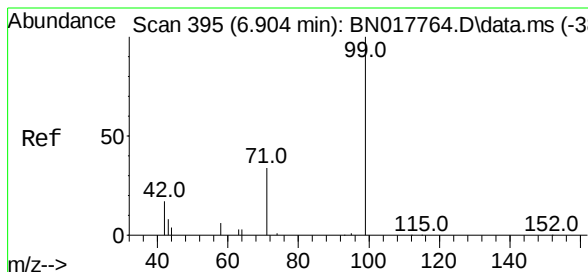
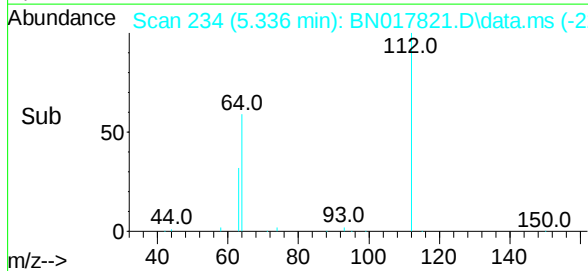
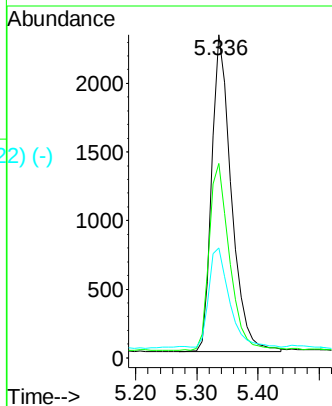
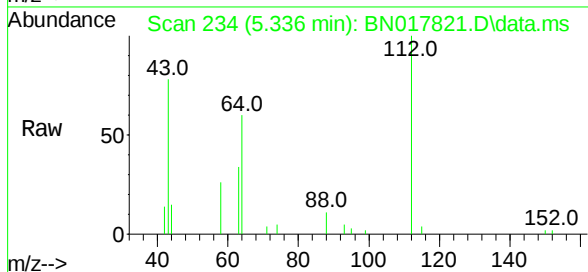
Tgt Ion:112 Resp: 5114

Ion Ratio Lower Upper

112 100

64 61.4 49.3 73.9

63 32.7 25.8 38.8



Phenol-d6

Concen: 0.06 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017821.D

Acq: 09 Dec 2021 05:48

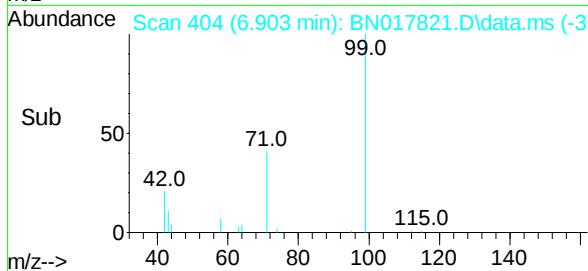
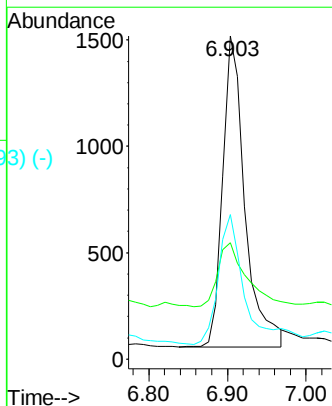
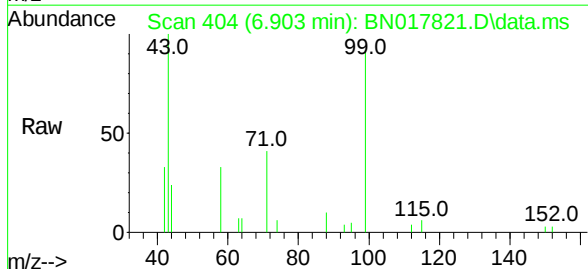
Tgt Ion: 99 Resp: 2890

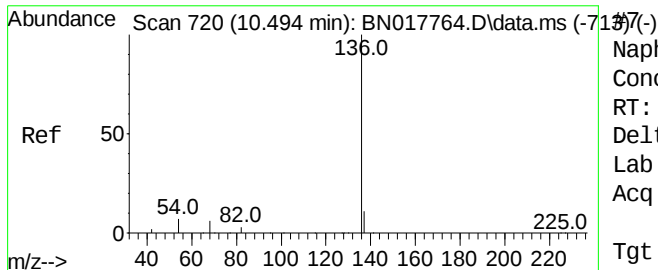
Ion Ratio Lower Upper

99 100

42 26.2 16.6 25.0#

71 46.1 29.0 43.4#





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

Delta R.T. -0.000 min

Lab File: BN017821.D

Acq: 09 Dec 2021 05:48

Instrument :

BNA_N

ClientSampleId :

RE131D2-20211130

Tgt Ion:136 Resp: 81260

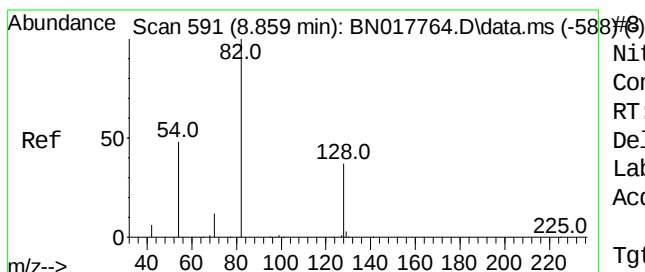
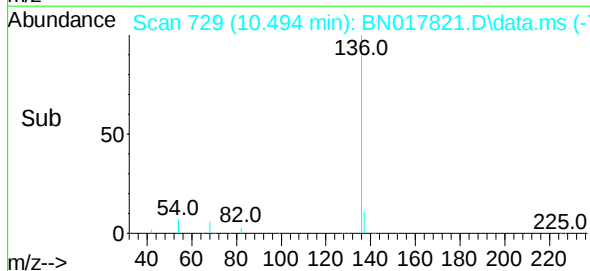
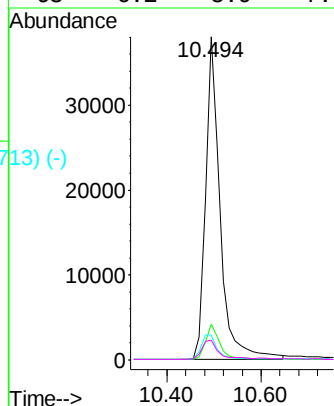
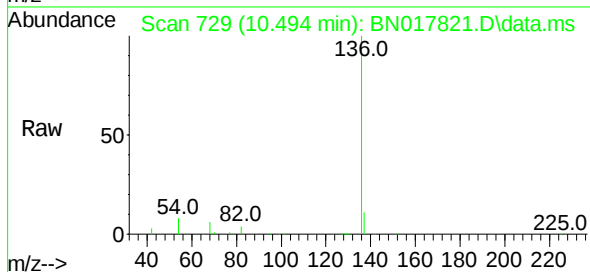
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 7.6 5.9 8.9

68 6.2 5.0 7.6



Nitrobenzene-d5

Concen: 0.28 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017821.D

Acq: 09 Dec 2021 05:48

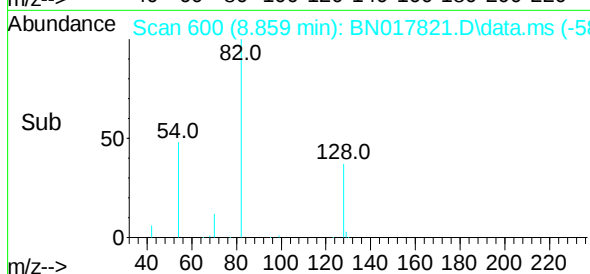
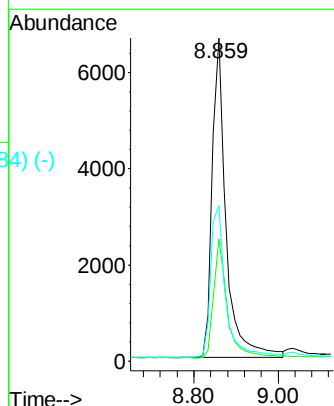
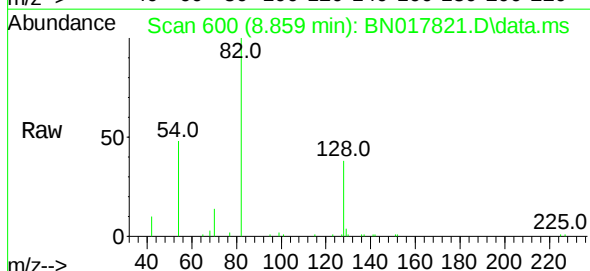
Tgt Ion: 82 Resp: 15156

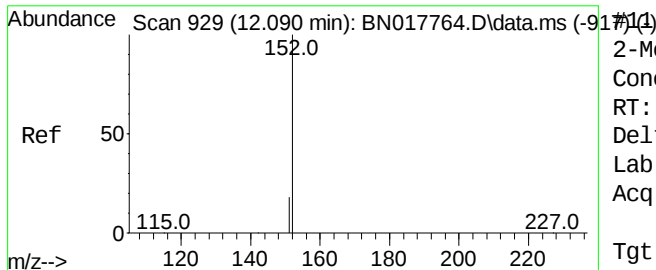
Ion Ratio Lower Upper

82 100

128 37.9 30.2 45.2

54 48.1 39.0 58.6

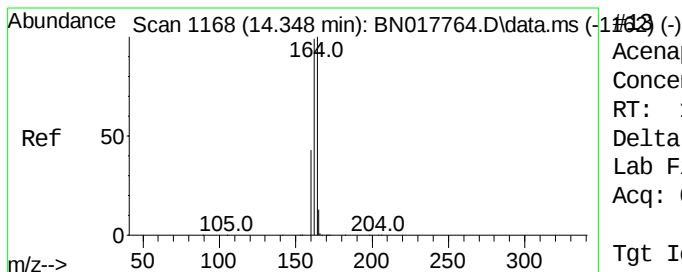
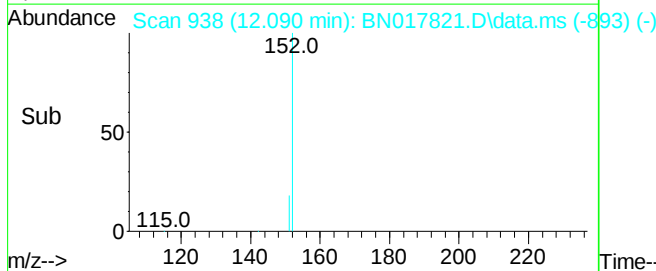
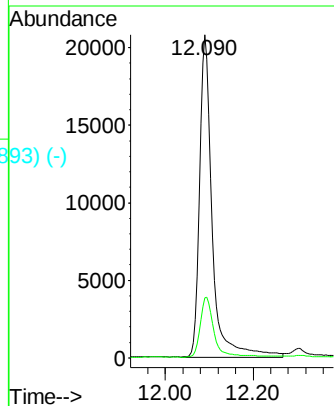
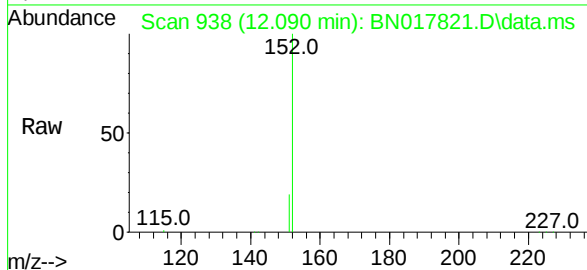




2-Methylnaphthalene-d10
 Concen: 0.26 ng
 RT: 12.090 min Scan# 929
 Delta R.T. -0.000 min
 Lab File: BN017821.D
 Acq: 09 Dec 2021 05:48

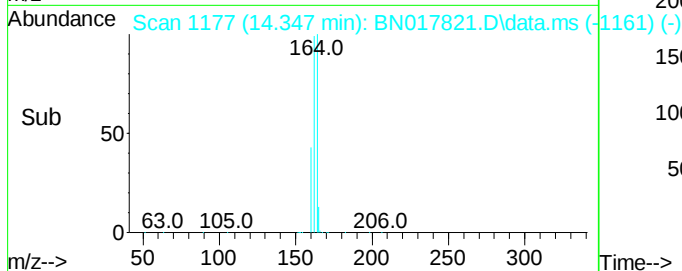
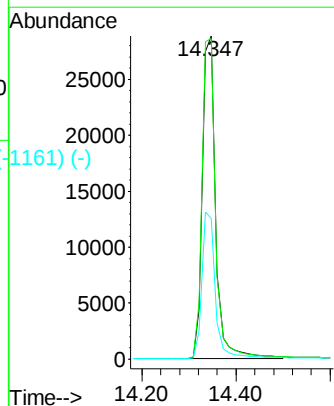
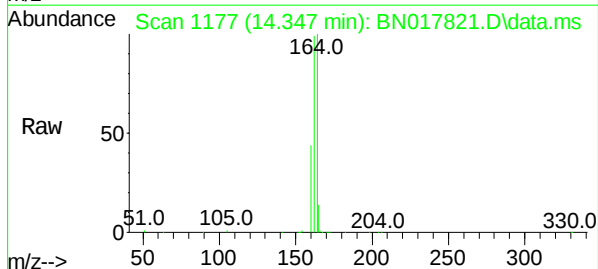
Instrument :
 BNA_N
 ClientSampleId :
 RE131D2-20211130

Tgt Ion:152 Resp: 41758
 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: BN017821.D
 Acq: 09 Dec 2021 05:48

Tgt Ion:164 Resp: 56621
 Ion Ratio Lower Upper
 164 100
 162 99.3 79.0 118.6
 160 43.5 34.6 52.0



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

2,4,6-Tribromophenol

Concen: 0.14 ng

RT: 15.844 min Scan# 1286

Delta R.T. -0.000 min

Lab File: BN017821.D

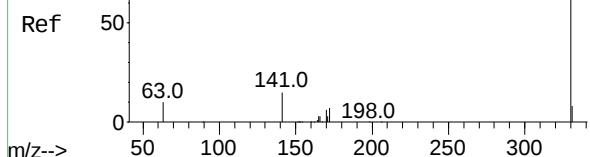
Acq: 09 Dec 2021 05:48

Instrument :

BNA_N

ClientSampleId :

RE131D2-20211130



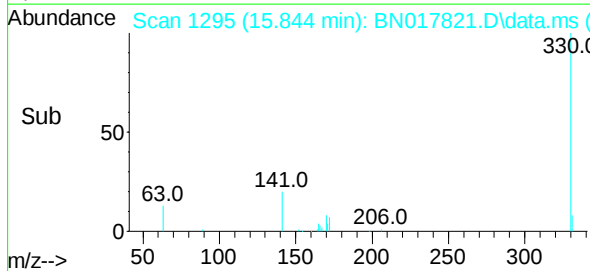
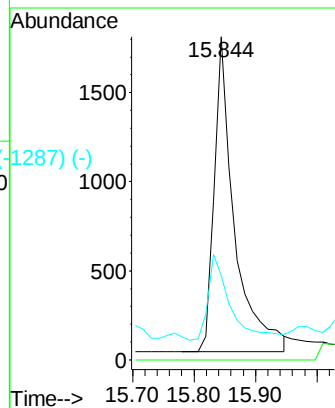
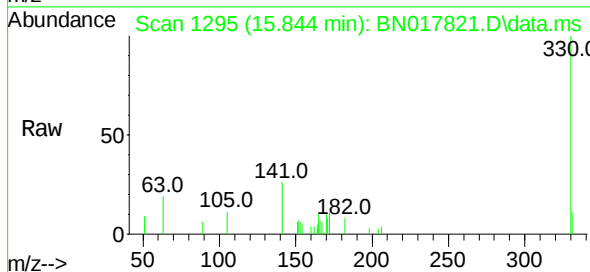
Tgt Ion:330 Resp: 4041

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 30.2 21.5 32.3



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

2-Fluorobiphenyl

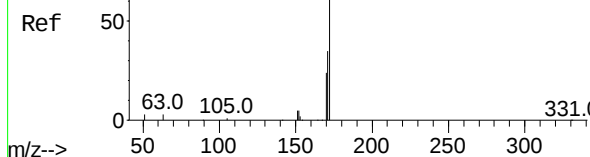
Concen: 0.31 ng

RT: 12.964 min Scan# 1068

Delta R.T. -0.000 min

Lab File: BN017821.D

Acq: 09 Dec 2021 05:48



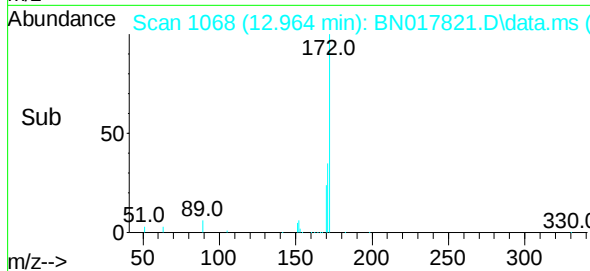
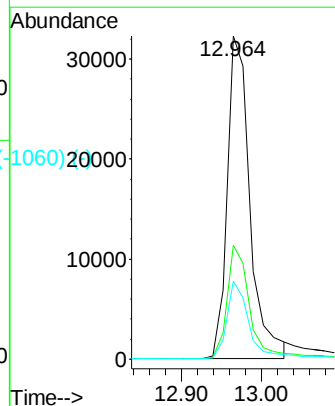
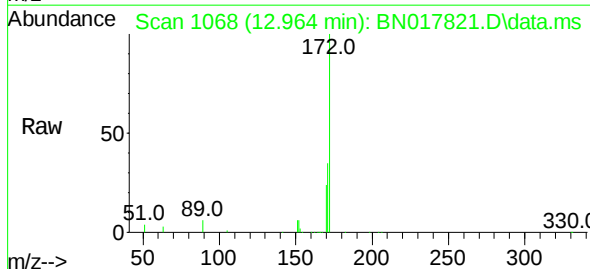
Tgt Ion:172 Resp: 64295

Ion Ratio Lower Upper

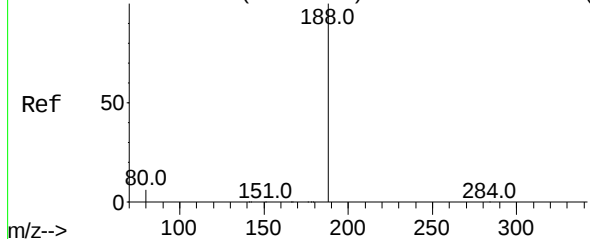
172 100

171 35.3 28.1 42.1

170 24.2 18.9 28.3



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



Phenanthrene-d10

Concen: 0.40 ng

RT: 17.092 min Scan# 1388

Delta R.T. -0.000 min

Lab File: BN017821.D

Acq: 09 Dec 2021 05:48

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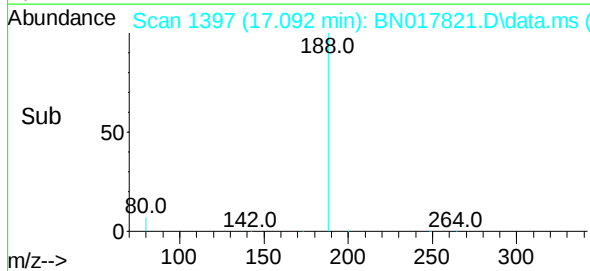
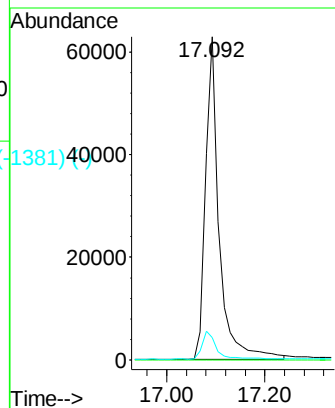
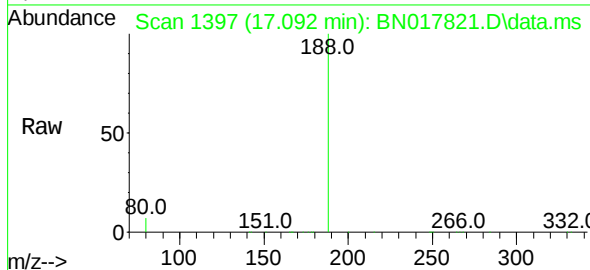
Tgt Ion:188 Resp: 121177

Ion Ratio Lower Upper

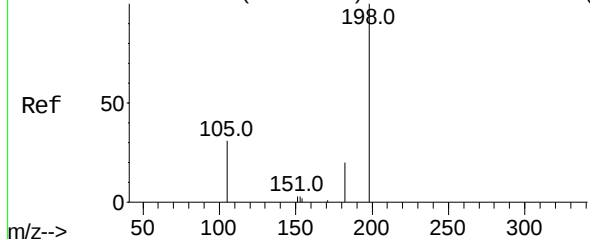
188 100

94 0.0 0.0 0.0

80 7.0 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: BN017821.D

Acq: 09 Dec 2021 05:48

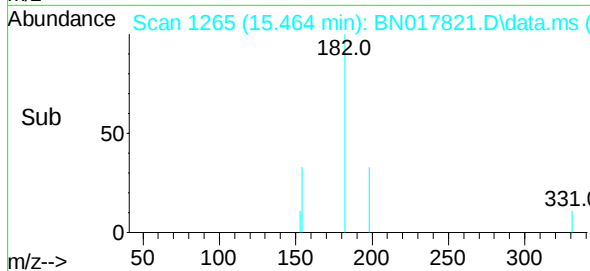
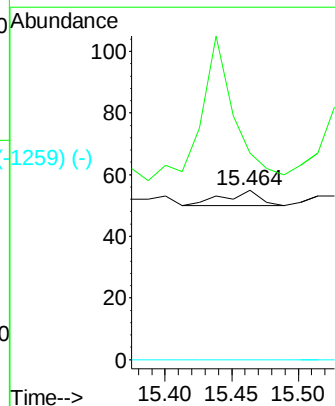
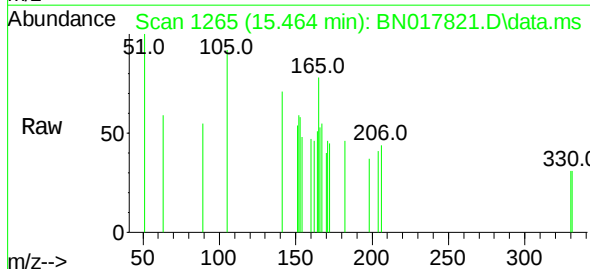
Tgt Ion:198 Resp: 9

Ion Ratio Lower Upper

198 100

182 121.8 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: 16.788 min Scan# 1361

Delta R.T. 0.024 min

Lab File: BN017821.D

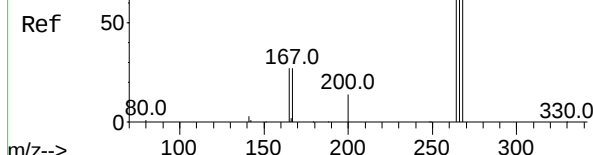
Acq: 09 Dec 2021 05:48

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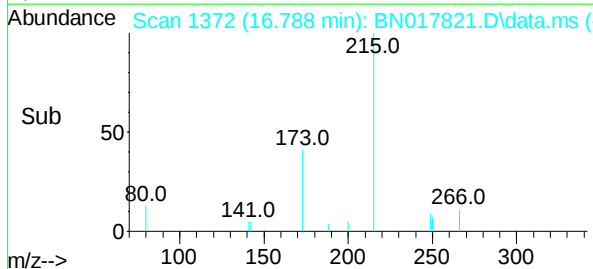
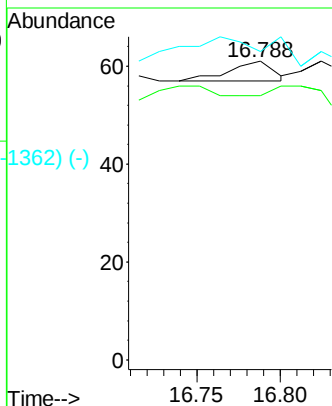
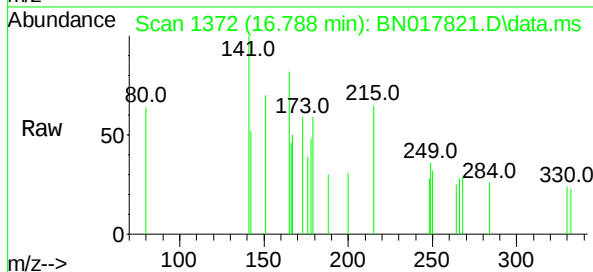
Tgt Ion:266 Resp: 7

Ion Ratio Lower Upper

266 100

264 85.7 50.8 76.2#

268 0.0 51.8 77.6#



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: BN017821.D

Acq: 09 Dec 2021 05:48

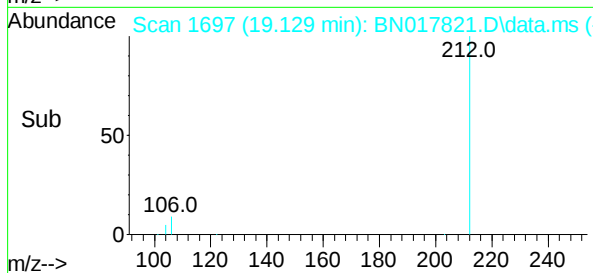
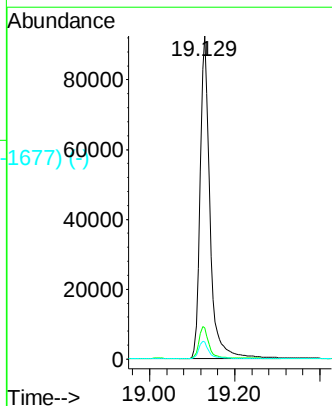
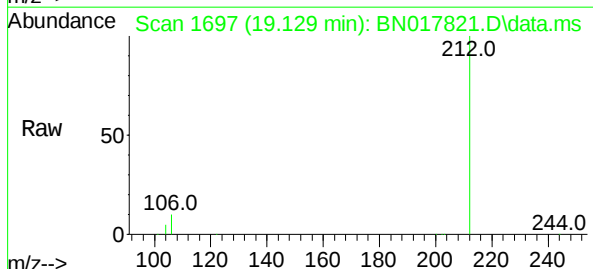
Tgt Ion:212 Resp: 148358

Ion Ratio Lower Upper

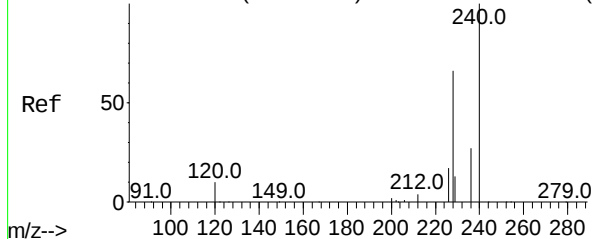
212 100

106 9.8 8.2 12.2

104 5.7 4.6 6.8



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: BN017821.D

Acq: 09 Dec 2021 05:48

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RE131D2-20211130

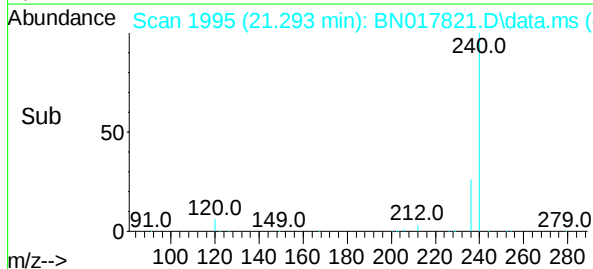
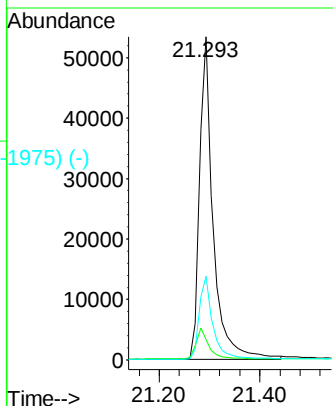
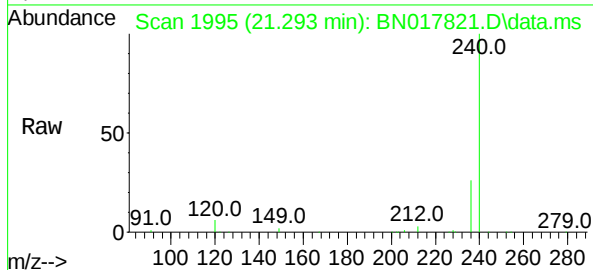
Tgt Ion:240 Resp: 100324

Ion Ratio Lower Upper

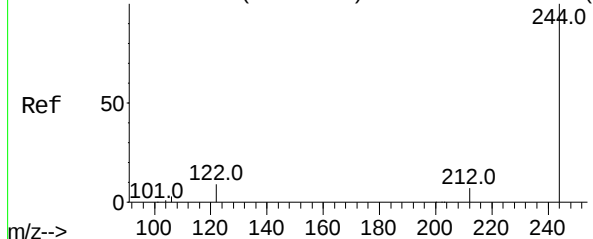
240 100

120 6.2 7.9 11.9#

236 26.0 21.4 32.2



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



Terphenyl-d14

Concen: 0.55 ng

RT: 19.735 min Scan# 1819

Delta R.T. -0.000 min

Lab File: BN017821.D

Acq: 09 Dec 2021 05:48

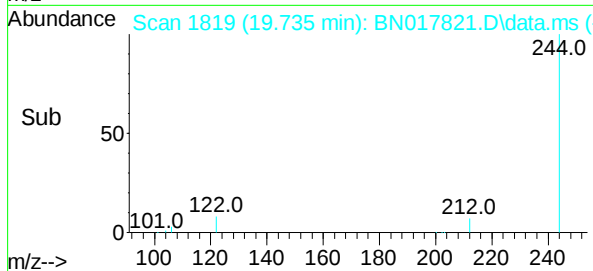
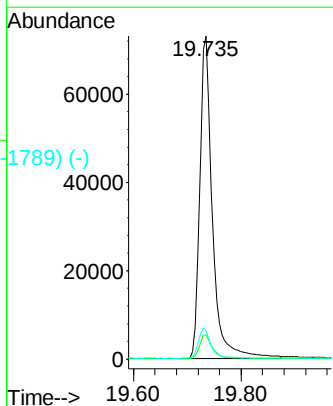
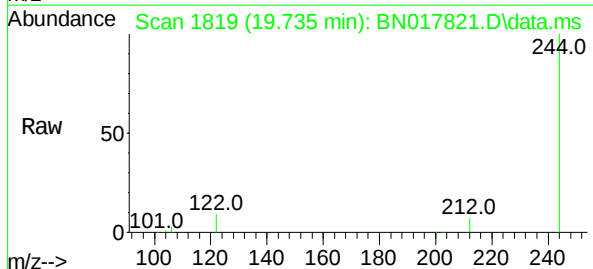
Tgt Ion:244 Resp: 118990

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 8.7 7.1 10.7



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: BN017821.D

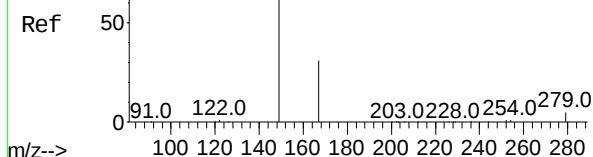
Acq: 09 Dec 2021 05:48

Instrument :

BNA_N

ClientSampleId :

RE131D2-20211130



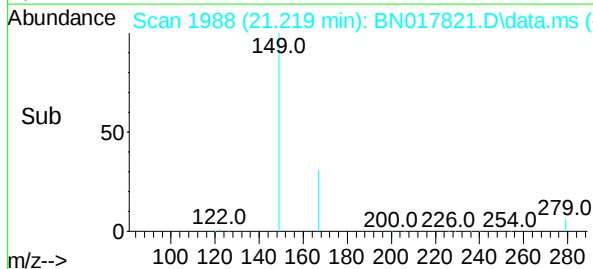
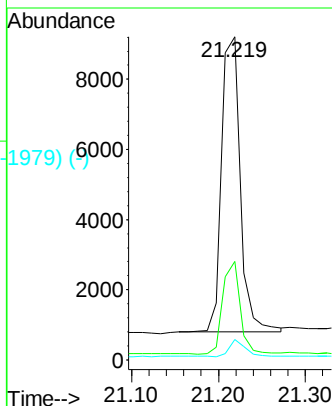
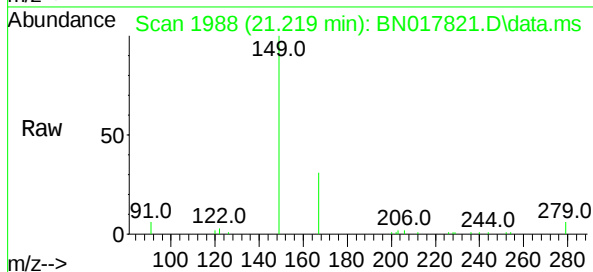
Tgt Ion:149 Resp: 12635

Ion Ratio Lower Upper

149 100

167 29.2 23.5 35.3

279 4.7 3.8 5.6



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

Perylene-d12

Concen: 0.40 ng

RT: 23.589 min Scan# 2445

Delta R.T. 0.006 min

Lab File: BN017821.D

Acq: 09 Dec 2021 05:48

Tgt Ion:264 Resp: 73471

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 24.1 20.5 30.7

