

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017820.D
 Acq On : 09 Dec 2021 05:12
 Operator : CG/JU
 Sample : M4922-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20211129

Quant Time: Dec 10 01:50:43 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)

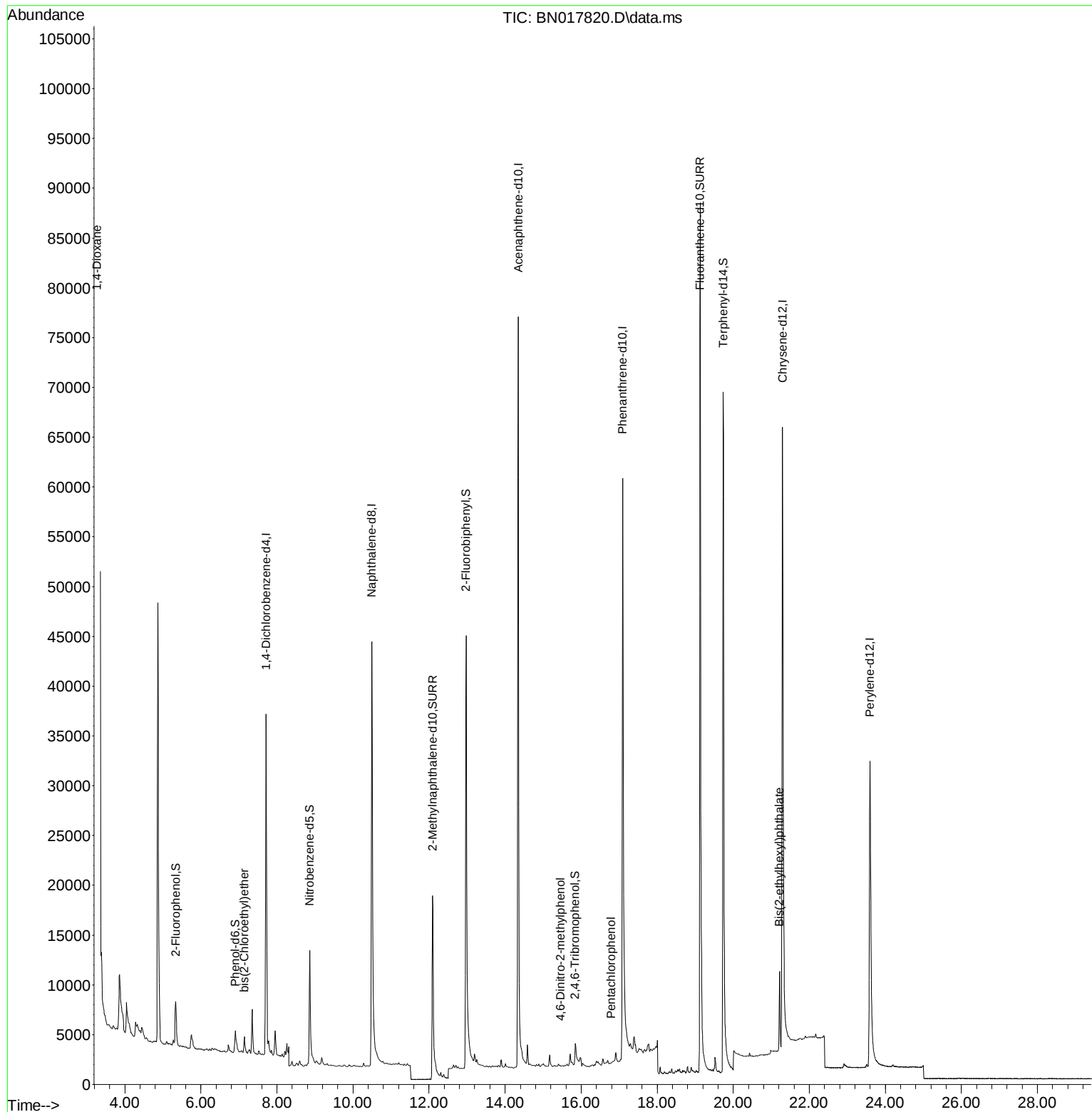
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	21216	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	80086	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	56527	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	118652	0.40	ng	# 0.00
29) Chrysene-d12	21.293	240	95100	0.40	ng	0.01
35) Perylene-d12	23.596	264	62858	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5237	0.10	ng	0.00
5) Phenol-d6	6.903	99	2459	0.05	ng	0.00
8) Nitrobenzene-d5	8.859	82	13696	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.094	152	38237	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	3478	0.12	ng	0.00
15) 2-Fluorobiphenyl	12.977	172	55358	0.27	ng	0.01
27) Fluoranthene-d10	19.129	212	139958	0.35	ng	0.00
31) Terphenyl-d14	19.735	244	109380	0.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	29096	3.73	ng	# 100
6) bis(2-Chloroethyl)ether	7.143	93	1503	0.03	ng	95
20) 4,6-Dinitro-2-methylph...	15.451	198	6	0.09	ng	# 1
24) Pentachlorophenol	16.788	266	15	0.28	ng	# 1
34) Bis(2-ethylhexyl)phtha...	21.219	149	8305	0.06	ng	98

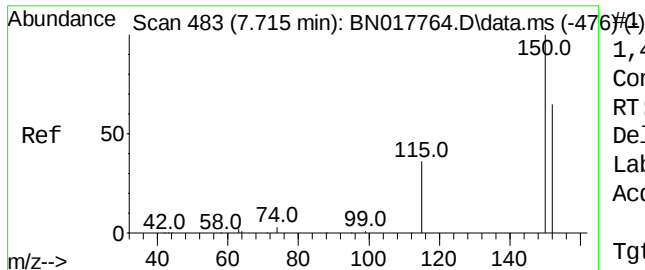
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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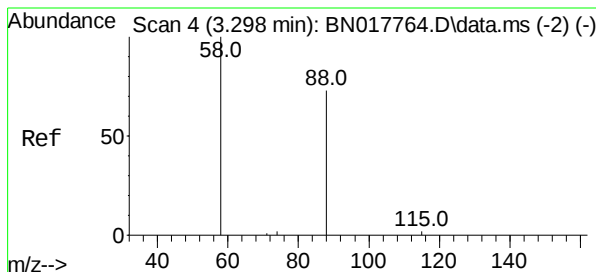
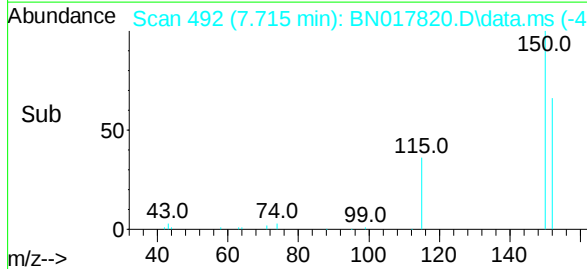
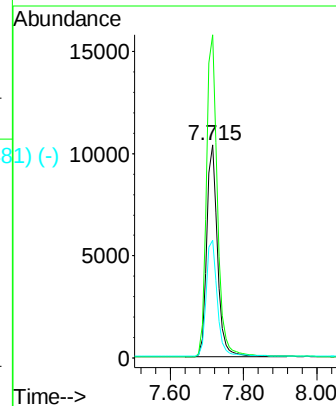
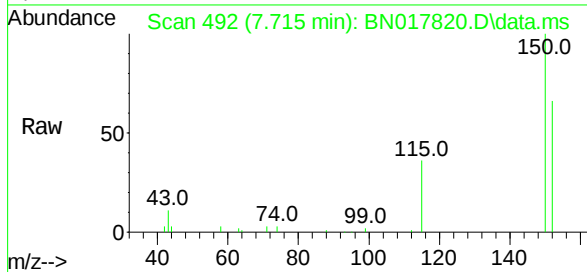




1,4-Dichlorobenzene-d4
 Concen: 0.40 ng
 RT: 7.715 min Scan# 4
 Delta R.T. -0.000 min
 Lab File: BN017820.D
 Acq: 09 Dec 2021 05:12

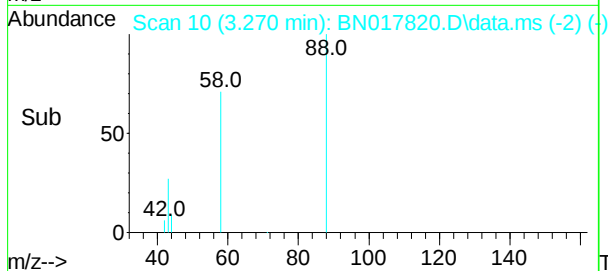
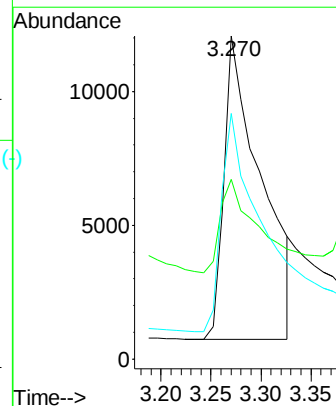
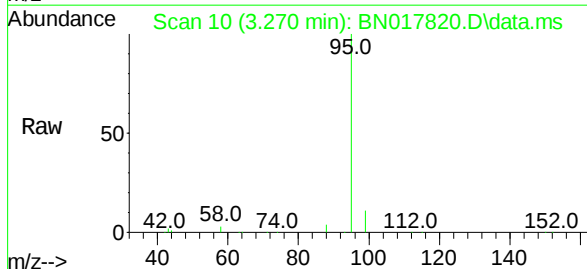
Instrument :
 BNA_N
 ClientSampleId :
 RE132D7-20211129

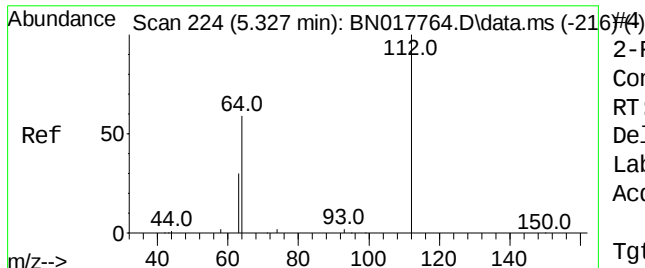
Tgt Ion: 152 Resp: 21216
 Ion Ratio Lower Upper
 152 100
 150 151.8 123.0 184.4
 115 55.2 45.3 67.9



#2
 1,4-Dioxane
 Concen: 3.73 ng
 RT: 3.270 min Scan# 10
 Delta R.T. -0.028 min
 Lab File: BN017820.D
 Acq: 09 Dec 2021 05:12

Tgt Ion: 88 Resp: 29096
 Ion Ratio Lower Upper
 88 100
 43 30.5 0.0 0.0#
 58 73.2 0.0 0.0#





2-Fluorophenol

Concen: 0.10 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017820.D

Acq: 09 Dec 2021 05:12

Instrument :

BNA_N

ClientSampleId :

RE132D7-20211129

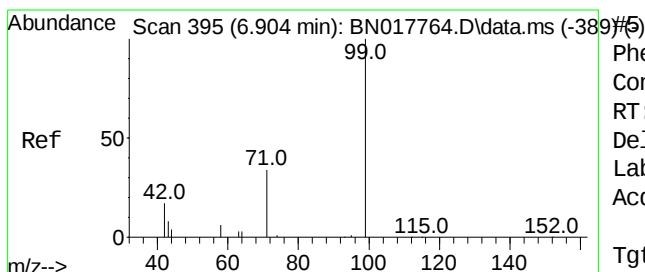
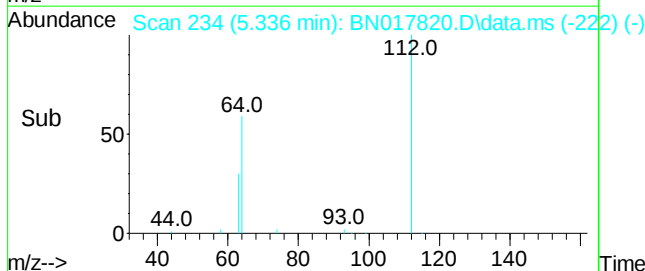
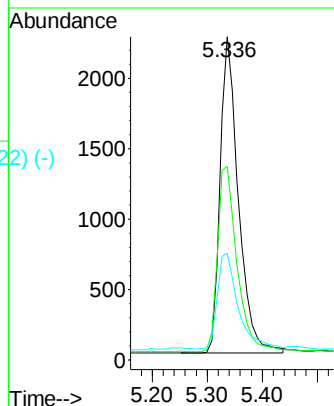
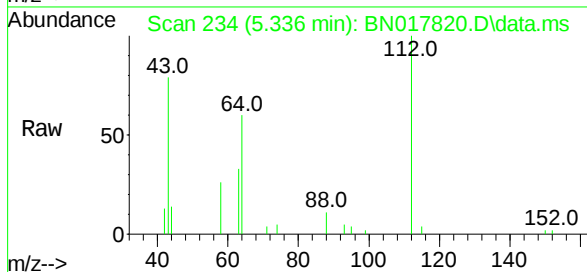
Tgt Ion:112 Resp: 5237

Ion Ratio Lower Upper

112 100

64 61.9 49.3 73.9

63 34.3 25.8 38.8



Phenol-d6

Concen: 0.05 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017820.D

Acq: 09 Dec 2021 05:12

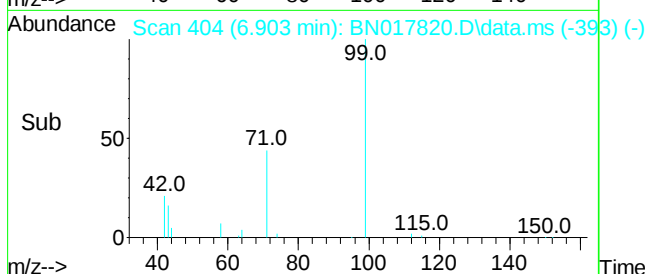
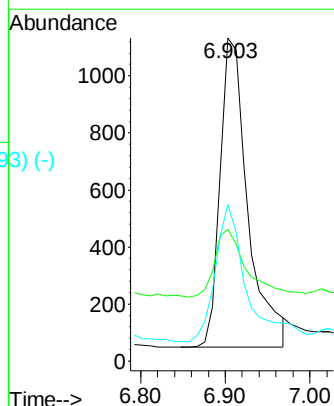
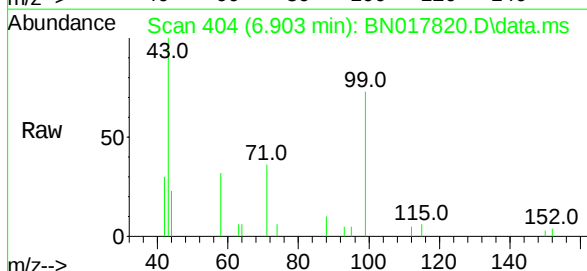
Tgt Ion: 99 Resp: 2459

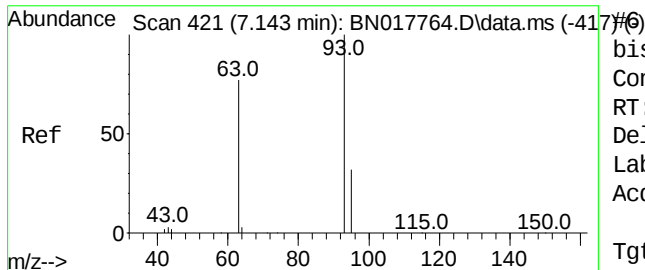
Ion Ratio Lower Upper

99 100

42 24.8 16.6 25.0

71 46.1 29.0 43.4#

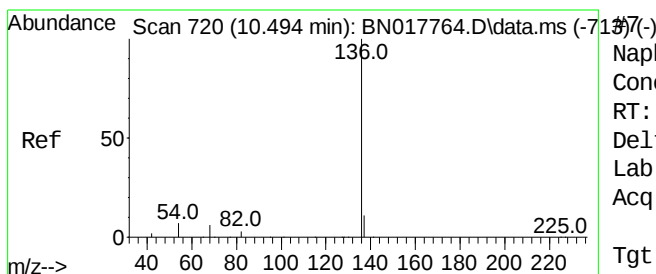
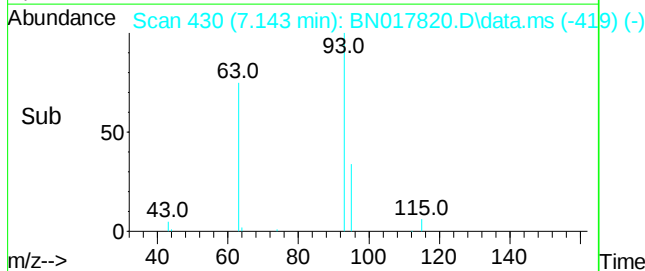
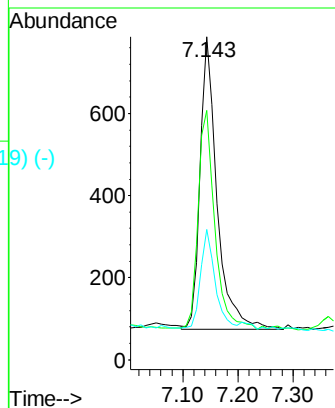
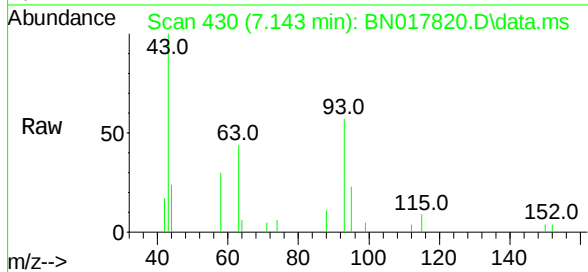




bis(2-Chloroethyl)ether
 Concen: 0.03 ng
 RT: 7.143 min Scan# 417
 Delta R.T. -0.000 min
 Lab File: BN017820.D
 Acq: 09 Dec 2021 05:12

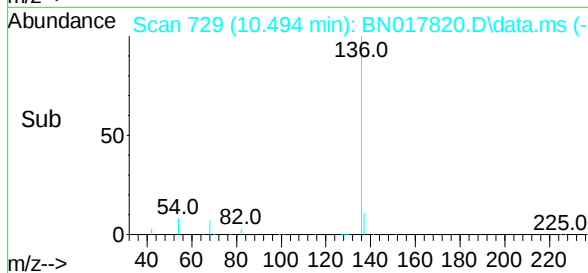
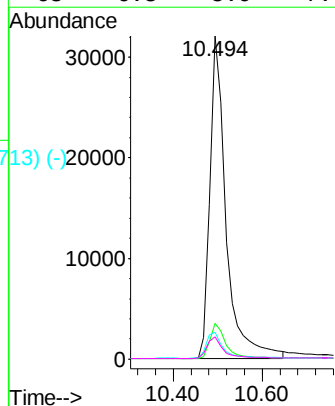
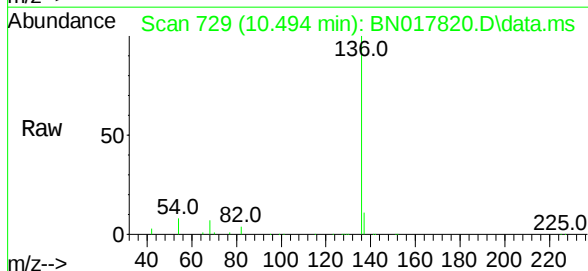
Instrument :
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 RE132D7-20211129

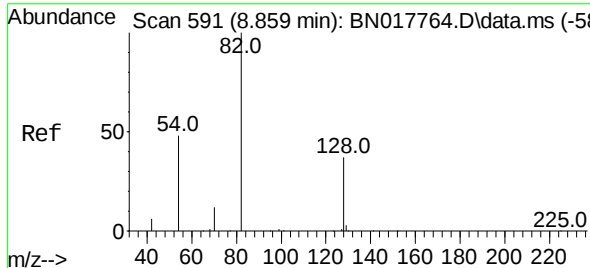
Tgt Ion:	93	Resp:	1503
Ion	Ratio	Lower	Upper
93	100		
63	73.5	62.0	93.0
95	28.9	26.4	39.6



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.494 min Scan# 729
 Delta R.T. -0.000 min
 Lab File: BN017820.D
 Acq: 09 Dec 2021 05:12

Tgt Ion:	136	Resp:	80086
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.3	5.9	8.9
68	6.8	5.0	7.6





Nitrobenzene-d5

Concen: 0.26 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017820.D

Acq: 09 Dec 2021 05:12

Instrument :

BNA_N

ClientSampleId :

RE132D7-20211129

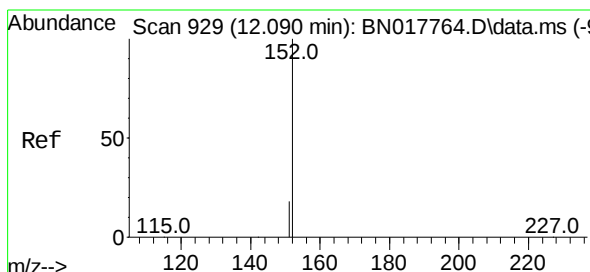
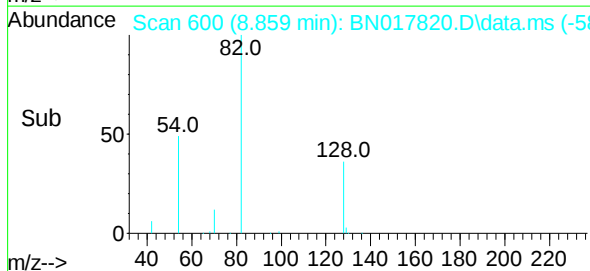
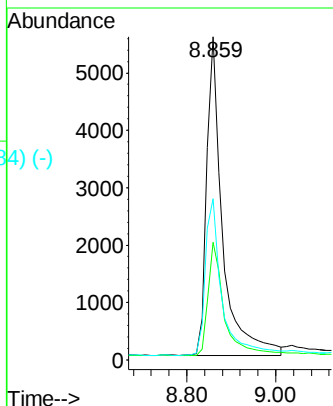
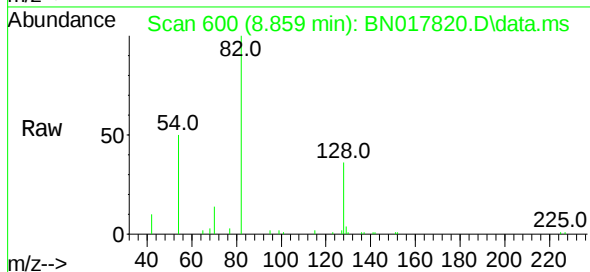
Tgt Ion: 82 Resp: 13696

Ion Ratio Lower Upper

82 100

128 36.4 30.2 45.2

54 49.9 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.24 ng

RT: 12.094 min Scan# 939

Delta R.T. 0.004 min

Lab File: BN017820.D

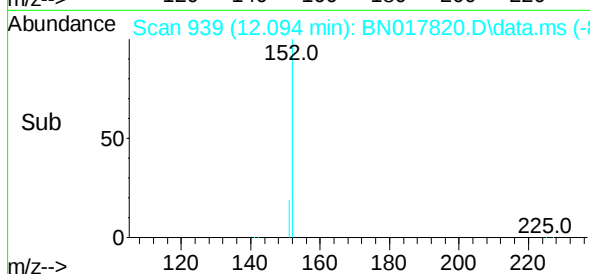
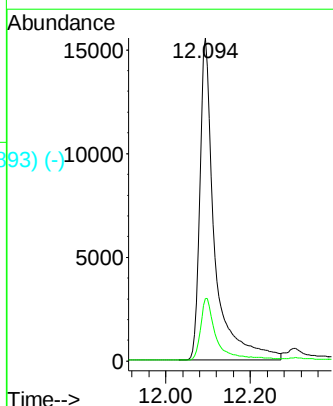
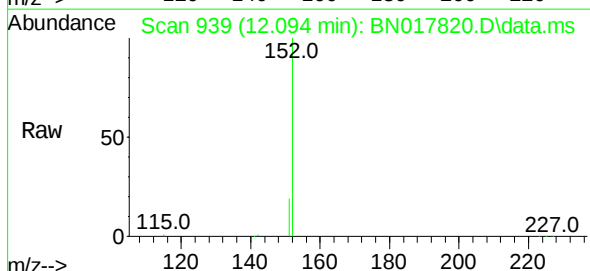
Acq: 09 Dec 2021 05:12

Tgt Ion: 152 Resp: 38237

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6



Abundance Scan 1168 (14.348 min): BN017764.D\data.ms (-1168) (-)

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.347 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BN017820.D

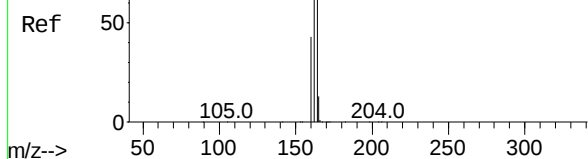
Acq: 09 Dec 2021 05:12

Instrument :

BNA_N

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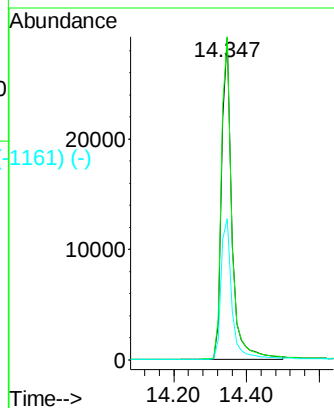
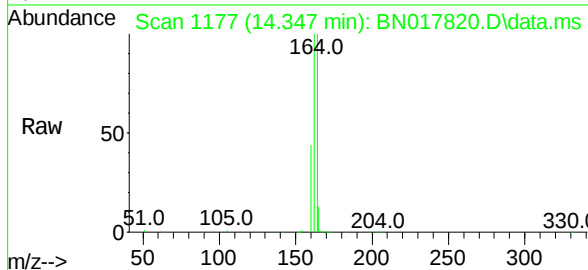
Tgt Ion:164 Resp: 56527

Ion Ratio Lower Upper

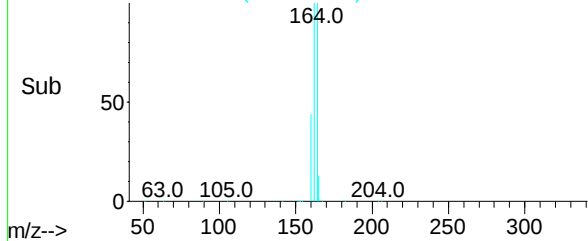
164 100

162 100.2 79.0 118.6

160 43.8 34.6 52.0



Abundance Scan 1177 (14.347 min): BN017820.D\data.ms (-1177) (-)



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

2,4,6-Tribromophenol

Concen: 0.12 ng

RT: 15.844 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BN017820.D

Acq: 09 Dec 2021 05:12

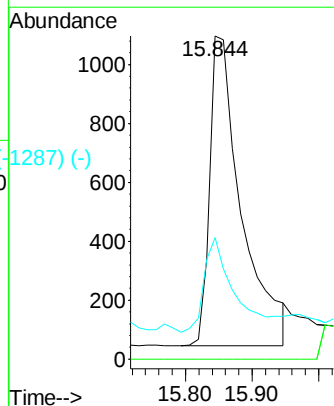
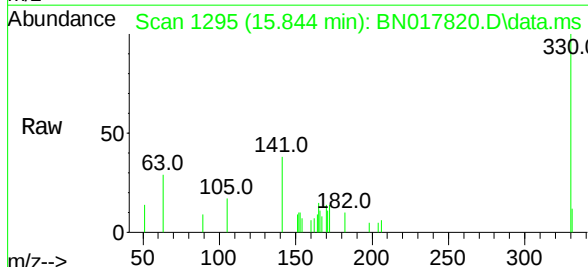
Tgt Ion:330 Resp: 3478

Ion Ratio Lower Upper

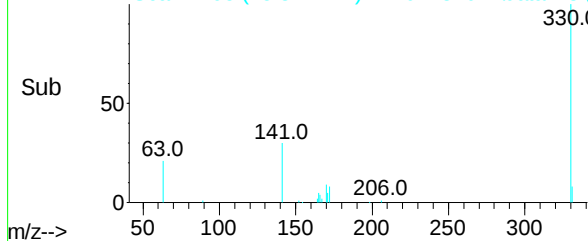
330 100

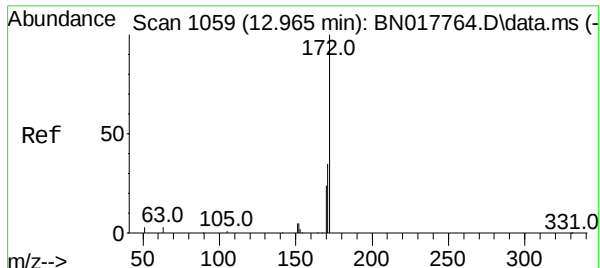
332 0.0 0.0 0.0

141 28.9 21.5 32.3



Abundance Scan 1295 (15.844 min): BN017820.D\data.ms (-1295) (-)

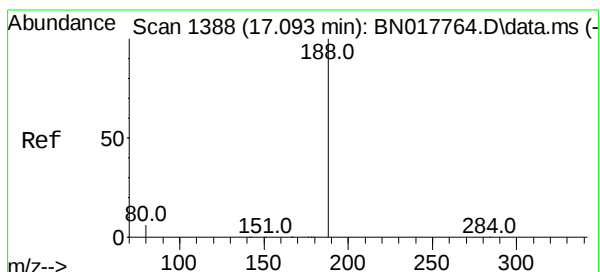
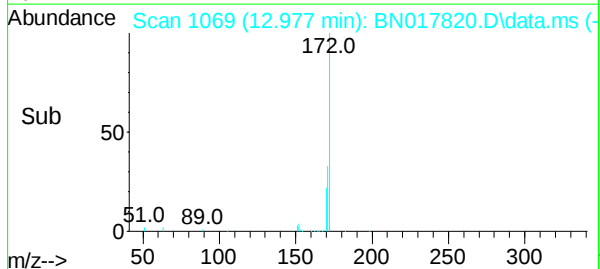
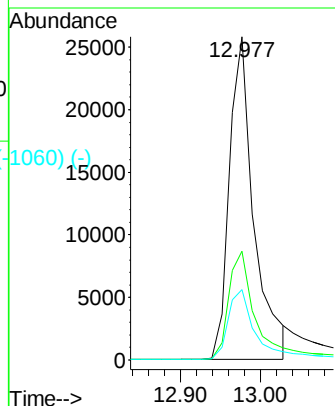
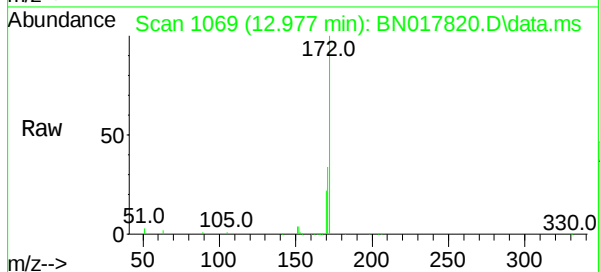




2-Fluorobiphenyl
Concen: 0.27 ng
RT: 12.977 min Scan# 1059
Delta R.T. 0.012 min
Lab File: BN017820.D
Acq: 09 Dec 2021 05:12

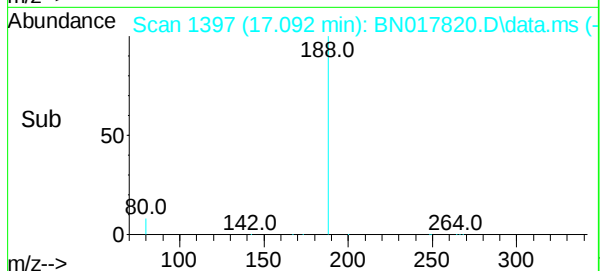
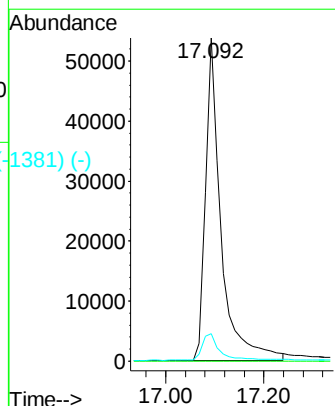
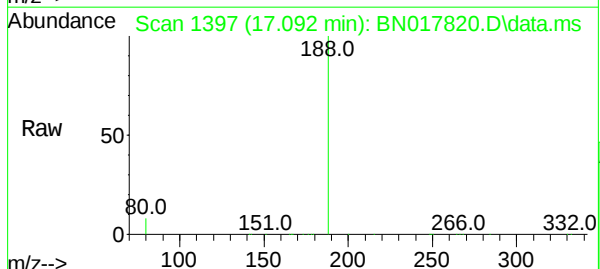
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Tgt Ion:	172	Resp:	55358
Ion	Ratio	Lower	Upper
172	100		
171	33.6	28.1	42.1
170	21.7	18.9	28.3



Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017820.D
Acq: 09 Dec 2021 05:12

Tgt Ion:	188	Resp:	118652
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	5.1	7.7#



Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1259) (-)

4,6-Dinitro-2-methylphenol

Concen: 0.09 ng

RT: 15.451 min Scan# 1264

Delta R.T. -0.038 min

Lab File: BN017820.D

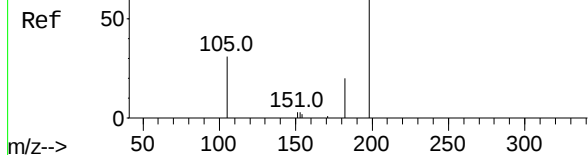
Acq: 09 Dec 2021 05:12

Instrument :

BNA_N

ClientSampleId :

RE132D7-20211129



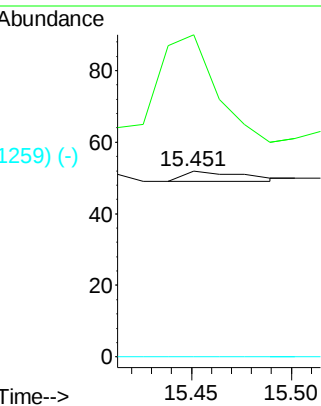
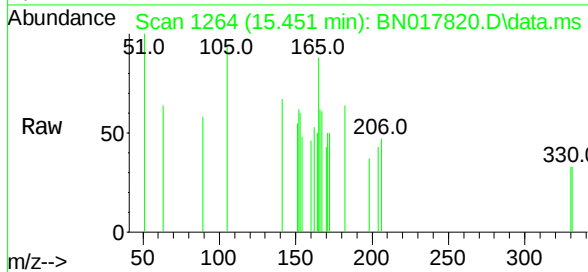
Tgt Ion:198 Resp: 6

Ion Ratio Lower Upper

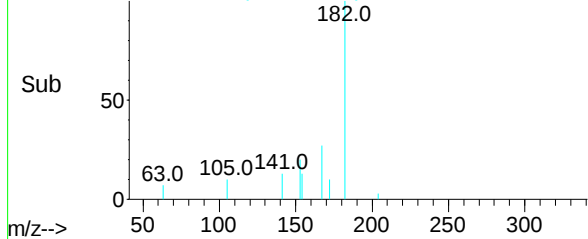
198 100

182 173.1 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1264 (15.451 min): BN017820.D\data.ms (-1259) (-)



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

Pentachlorophenol

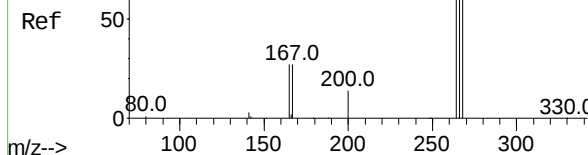
Concen: 0.28 ng

RT: 16.788 min Scan# 1372

Delta R.T. 0.024 min

Lab File: BN017820.D

Acq: 09 Dec 2021 05:12



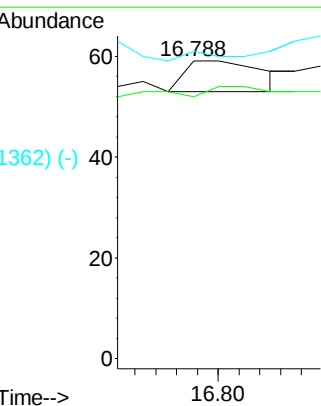
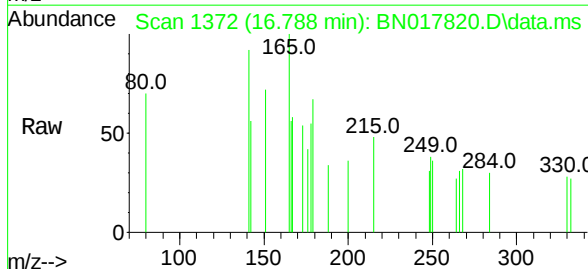
Tgt Ion:266 Resp: 15

Ion Ratio Lower Upper

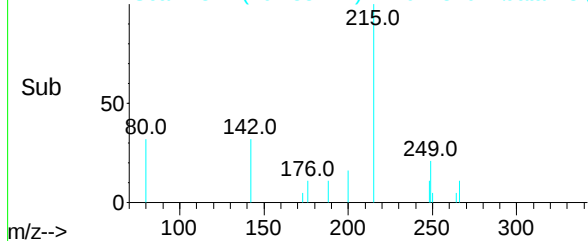
266 100

264 173.3 50.8 76.2#

268 0.0 51.8 77.6#



Abundance Scan 1372 (16.788 min): BN017820.D\data.ms (-1362) (-)



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

Fluoranthene-d10

Concen: 0.35 ng

RT: 19.129 min Scan# 1688

Delta R.T. -0.000 min

Lab File: BN017820.D

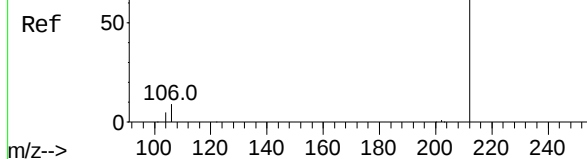
Acq: 09 Dec 2021 05:12

Instrument :

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RE132D7-20211129



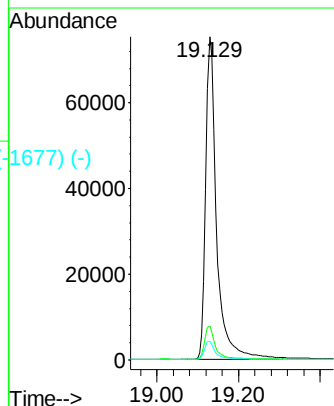
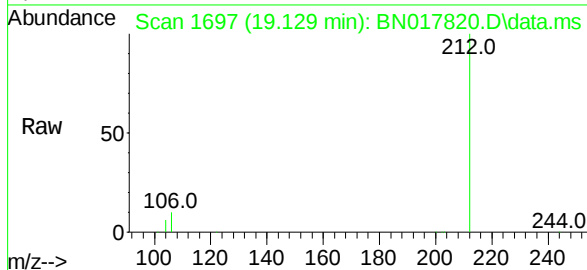
Tgt Ion:212 Resp: 139958

Ion Ratio Lower Upper

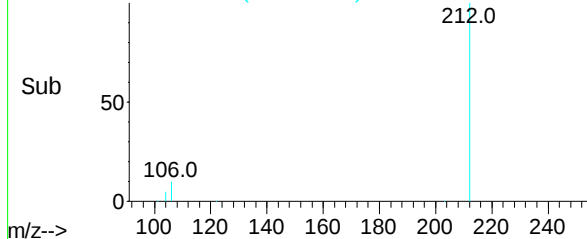
212 100

106 10.1 8.2 12.2

104 5.7 4.6 6.8



Abundance Scan 1697 (19.129 min): BN017820.D\data.ms (-1677) (-)



Abundance Scan 1985 (21.283 min): BN017764.D\data.ms (-1929) (-)

Chrysene-d12

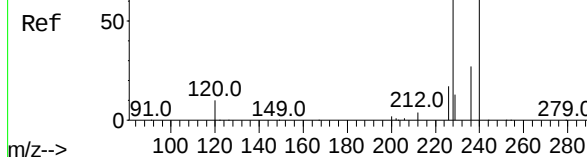
Concen: 0.40 ng

RT: 21.293 min Scan# 1995

Delta R.T. 0.010 min

Lab File: BN017820.D

Acq: 09 Dec 2021 05:12



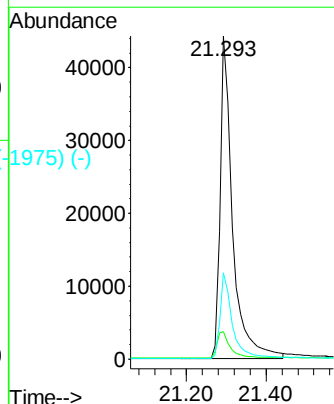
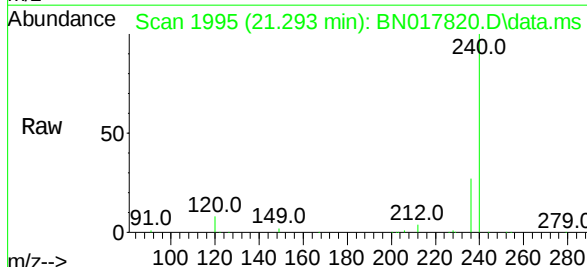
Tgt Ion:240 Resp: 95100

Ion Ratio Lower Upper

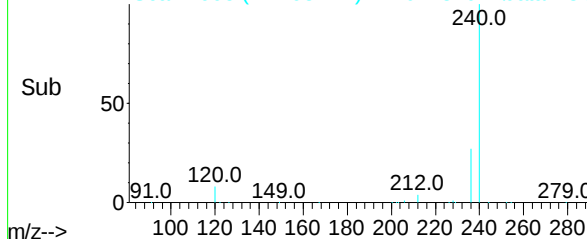
240 100

120 8.5 7.9 11.9

236 26.7 21.4 32.2



Abundance Scan 1995 (21.293 min): BN017820.D\data.ms (-1975) (-)



Abundance Scan 1810 (19.735 min): BN017764.D\data.ms (-1781) (-)

Terphenyl-d14

Concen: 0.54 ng

RT: 19.735 min Scan# 1810

Delta R.T. -0.000 min

Lab File: BN017820.D

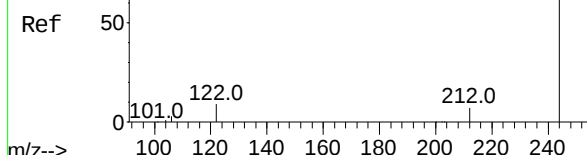
Acq: 09 Dec 2021 05:12

Instrument :

BNA_N

ClientSampleId :

RE132D7-20211129



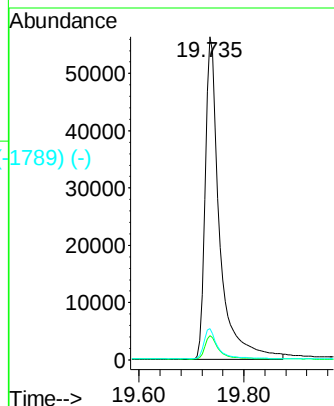
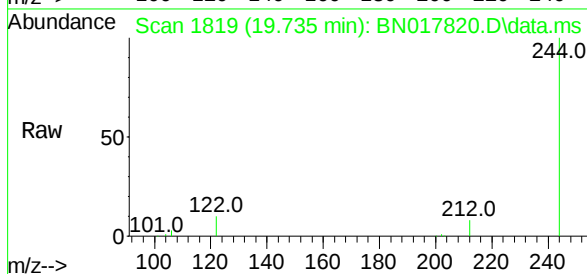
Tgt Ion:244 Resp: 109380

Ion Ratio Lower Upper

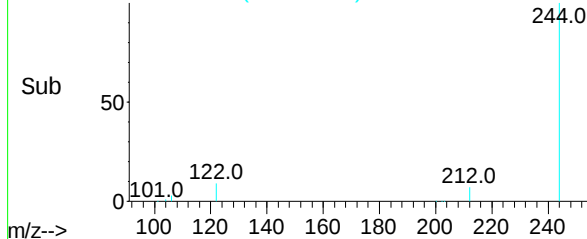
244 100

212 7.6 5.8 8.8

122 9.7 7.1 10.7



Abundance Scan 1819 (19.735 min): BN017820.D\data.ms (-1789) (-)



Abundance Scan 1979 (21.219 min): BN017764.D\data.ms (-1782) (-)

Bis(2-ethylhexyl)phthalate

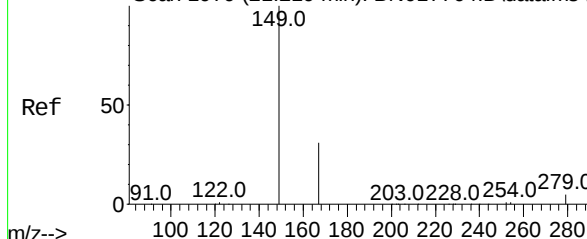
Concen: 0.06 ng

RT: 21.219 min Scan# 1988

Delta R.T. -0.000 min

Lab File: BN017820.D

Acq: 09 Dec 2021 05:12



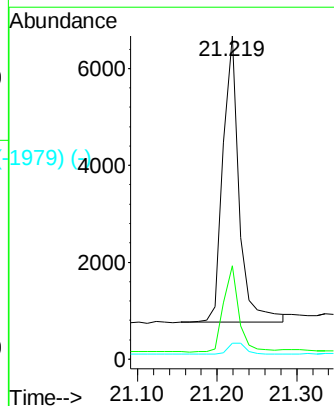
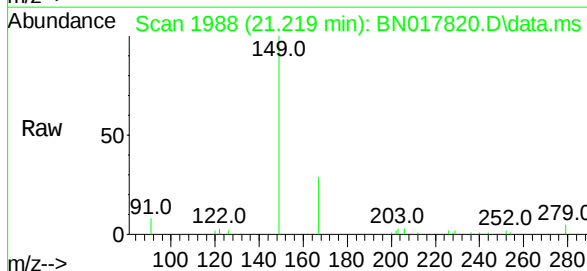
Tgt Ion:149 Resp: 8305

Ion Ratio Lower Upper

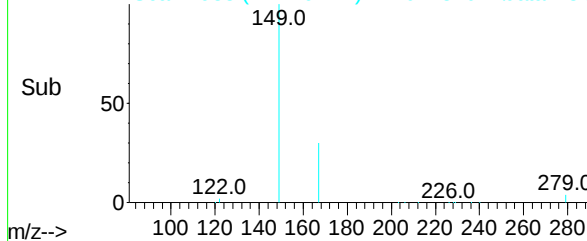
149 100

167 28.2 23.5 35.3

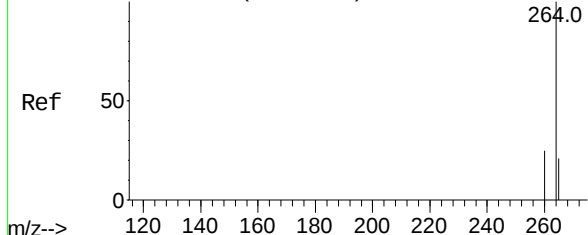
279 4.6 3.8 5.6



Abundance Scan 1988 (21.219 min): BN017820.D\data.ms (-1797) (-)



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



Perylene-d12

Concen: 0.40 ng

RT: 23.596 min Scan# 1

Delta R.T. 0.013 min

Lab File: BN017820.D

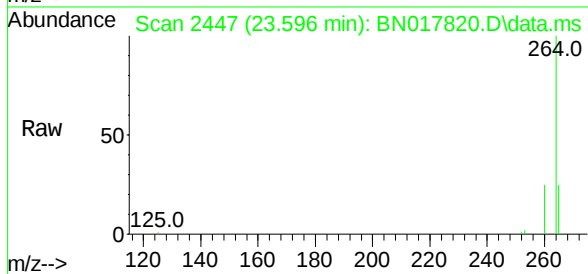
Acq: 09 Dec 2021 05:12

Instrument :

BNA_N

ClientSampleId :

RE132D7-20211129



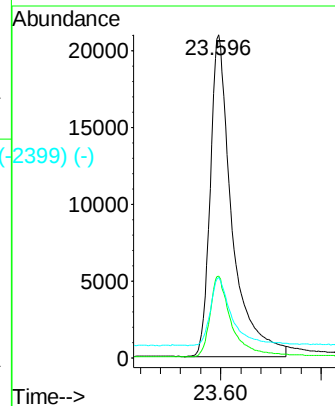
Tgt Ion:264 Resp: 62858

Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

265 25.0 20.5 30.7



Abundance Scan 2447 (23.596 min): BN017820.D\data.ms (-2399) (-)

