

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017817.D
 Acq On : 09 Dec 2021 03:24
 Operator : CG/JU
 Sample : M4922-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D1-20211129

Quant Time: Dec 10 01:50:23 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)

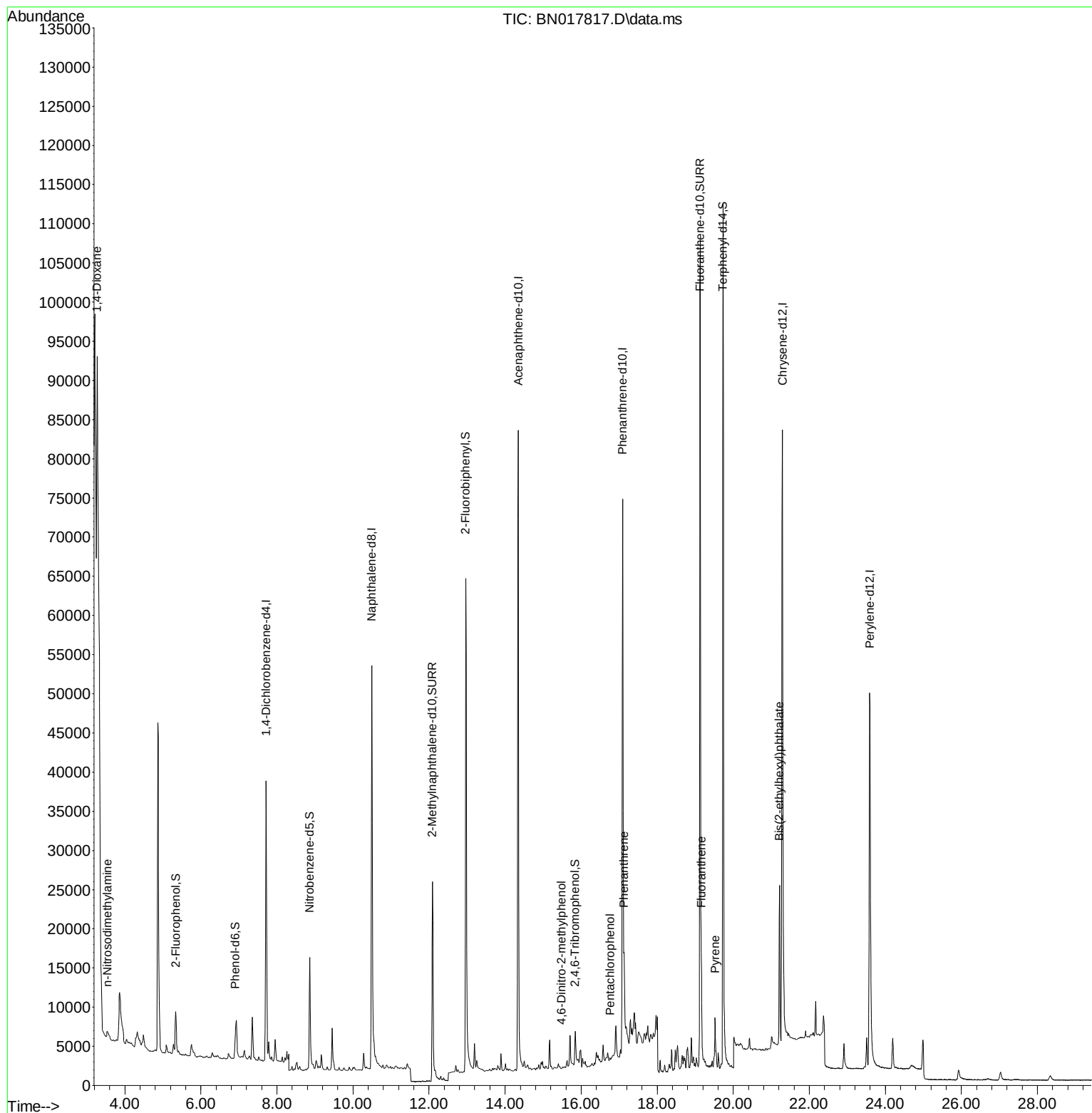
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20964	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	82314	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	58219	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	121726	0.40	ng	0.00
29) Chrysene-d12	21.293	240	106232	0.40	ng	# 0.01
35) Perylene-d12	23.589	264	83978	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5937	0.12	ng	0.00
5) Phenol-d6	6.903	99	3237	0.07	ng	0.00
8) Nitrobenzene-d5	8.859	82	15404	0.28	ng	0.00
11) 2-Methylnaphthalene-d10	12.089	152	43226	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	5461	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	68164	0.32	ng	0.00
27) Fluoranthene-d10	19.129	212	145802	0.36	ng	0.00
31) Terphenyl-d14	19.730	244	137512	0.60	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	49780	6.45	ng	# 100
3) n-Nitrosodimethylamine	3.538	42	614	0.03	ng	# 1
20) 4,6-Dinitro-2-methylph...	15.476	198	8	0.09	ng	# 6
24) Pentachlorophenol	16.764	266	52	0.28	ng	# 18
25) Phenanthrene	17.129	178	11572	0.04	ng	94
28) Fluoranthene	19.159	202	8036	0.02	ng	96
30) Pyrene	19.521	202	7780	0.02	ng	98
34) Bis(2-ethylhexyl)phtha...	21.218	149	20865	0.14	ng	100

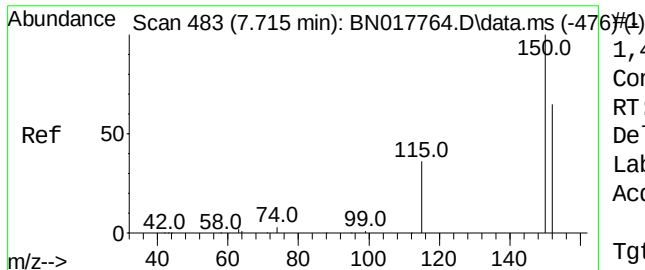
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BN017817.D

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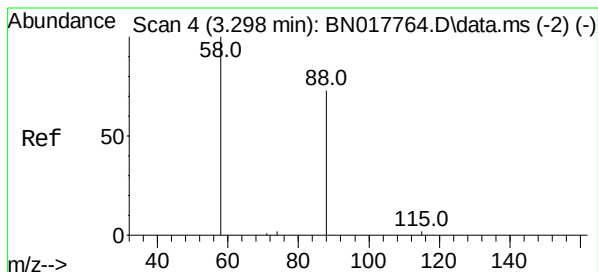
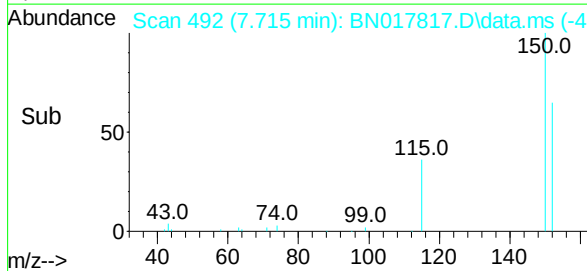
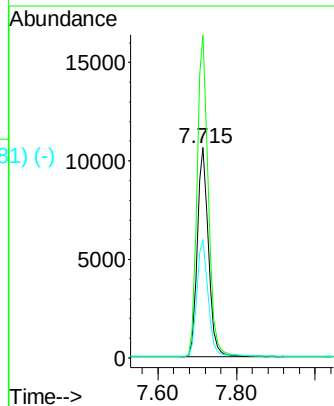
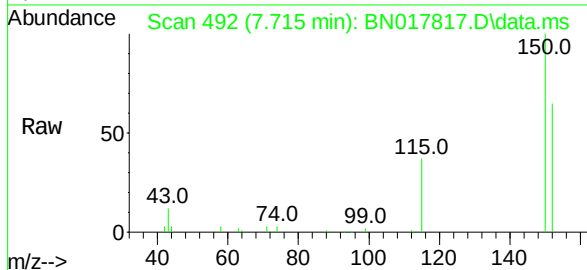
Tgt Ion:152 Resp: 20964

Ion Ratio Lower Upper

152 100

150 153.6 123.0 184.4

115 56.2 45.3 67.9



#2

1,4-Dioxane

Concen: 6.45 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24

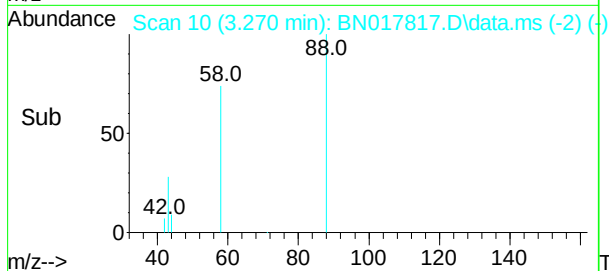
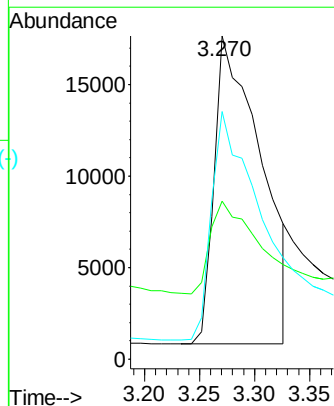
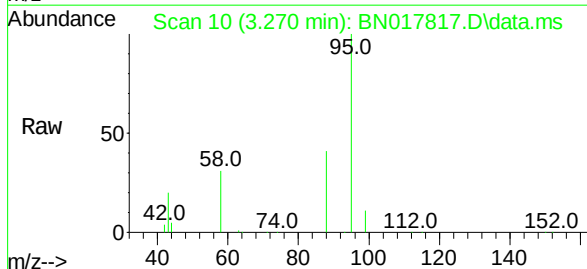
Tgt Ion: 88 Resp: 49780

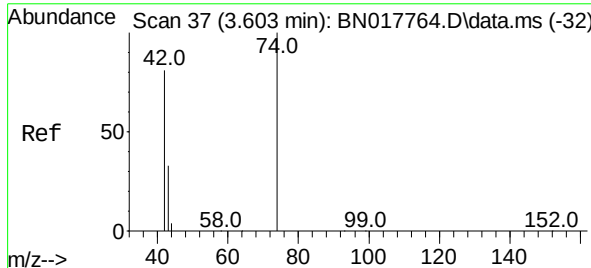
Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 73.7 0.0 0.0#

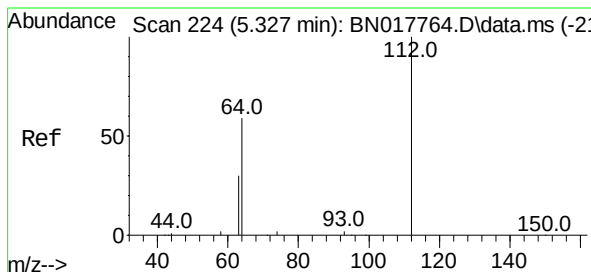
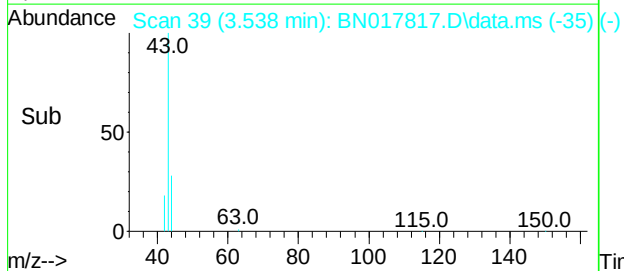
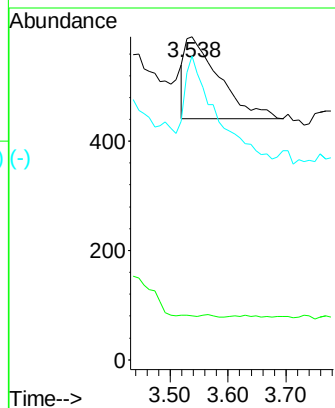
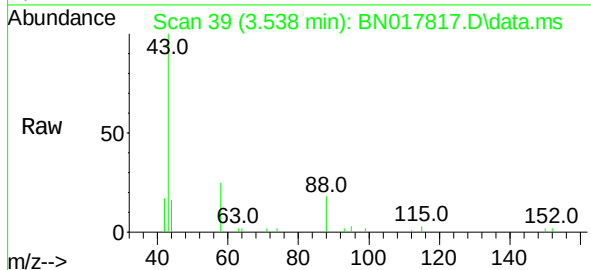




n-Nitrosodimethylamine
 Concen: 0.03 ng
 RT: 3.538 min Scan# 1
 Delta R.T. -0.065 min
 Lab File: BN017817.D
 Acq: 09 Dec 2021 03:24

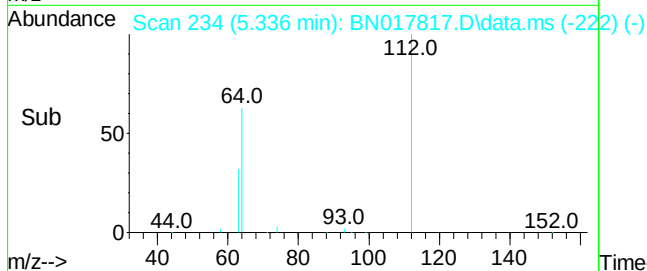
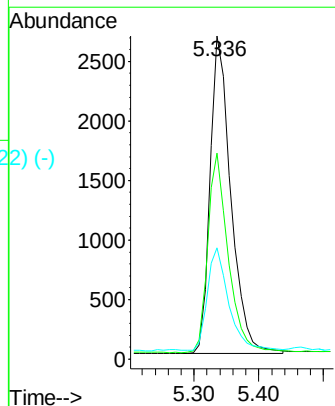
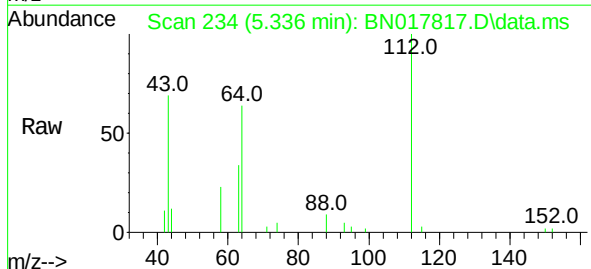
Instrument :
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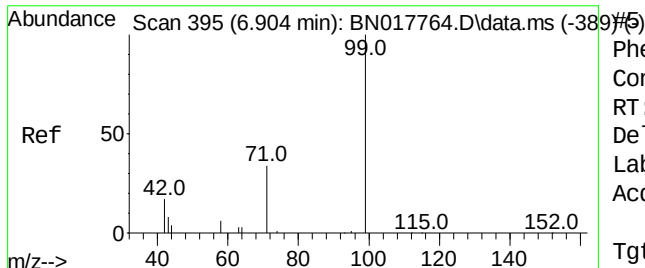
Tgt Ion: 42 Resp: 614
 Ion Ratio Lower Upper
 42 100
 74 0.0 101.3 151.9#
 44 107.0 5.0 7.4#



2-Fluorophenol
 Concen: 0.12 ng
 RT: 5.336 min Scan# 234
 Delta R.T. 0.009 min
 Lab File: BN017817.D
 Acq: 09 Dec 2021 03:24

Tgt Ion: 112 Resp: 5937
 Ion Ratio Lower Upper
 112 100
 64 61.9 49.3 73.9
 63 32.8 25.8 38.8





Phenol-d6

Concen: 0.07 ng

RT: 6.903 min Scan# 4

Delta R.T. -0.000 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24

Instrument :

BNA_N

ClientSampleId :

RE132D1-20211129

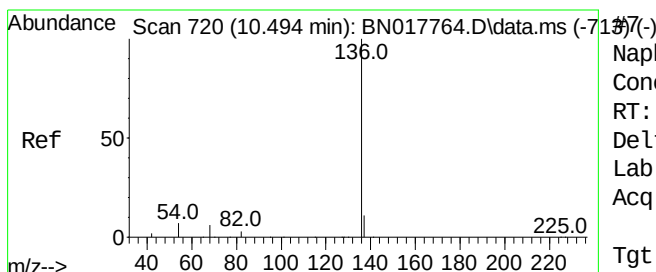
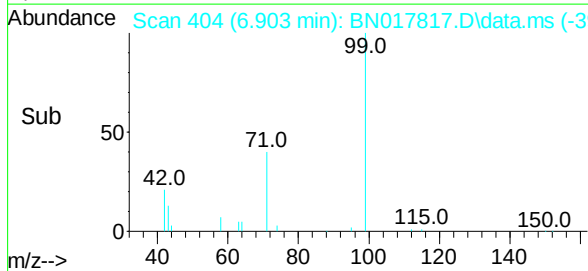
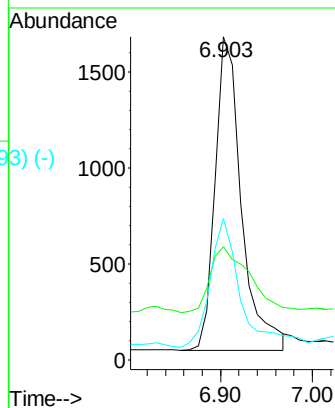
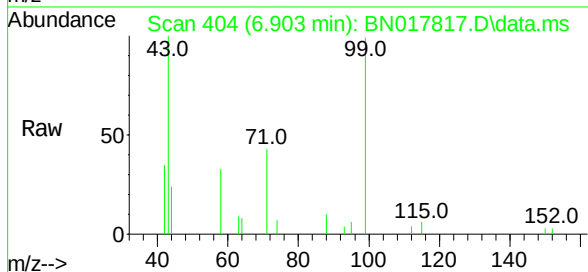
Tgt Ion: 99 Resp: 3237

Ion Ratio Lower Upper

99 100

42 31.1 16.6 25.0#

71 45.8 29.0 43.4#



Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan# 729

Delta R.T. -0.000 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24

Tgt Ion:136 Resp: 82314

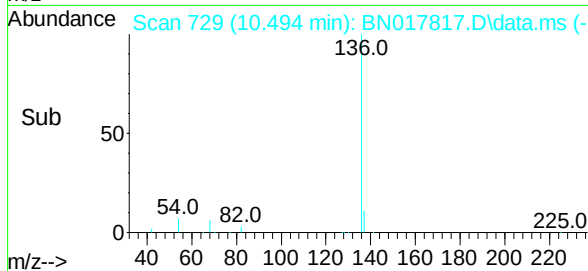
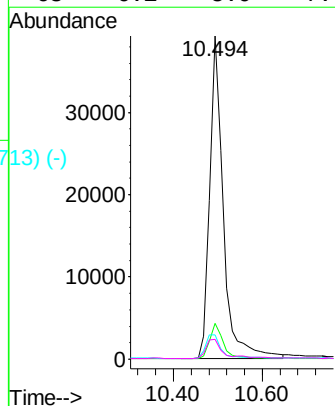
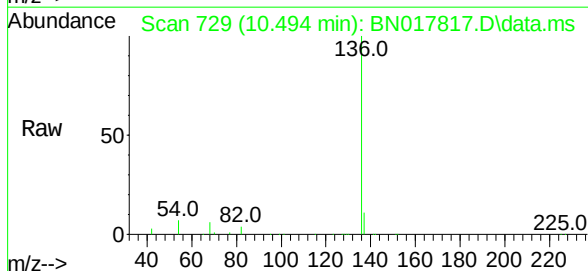
Ion Ratio Lower Upper

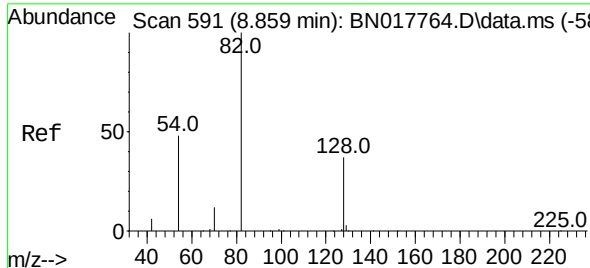
136 100

137 11.0 8.8 13.2

54 7.4 5.9 8.9

68 6.2 5.0 7.6





Nitrobenzene-d5

Concen: 0.28 ng

RT: 8.859 min Scan#

Delta R.T. -0.000 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24

Instrument :

BNA_N

ClientSampleId :

RE132D1-20211129

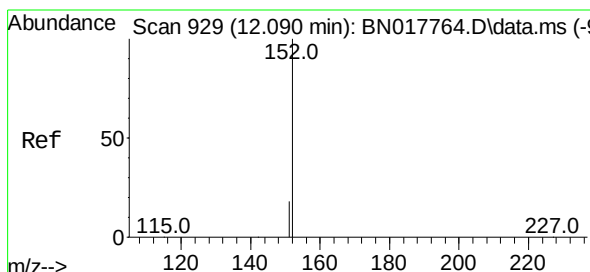
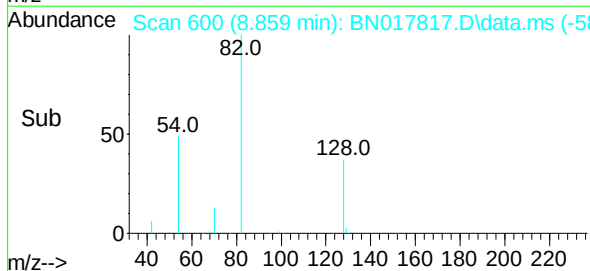
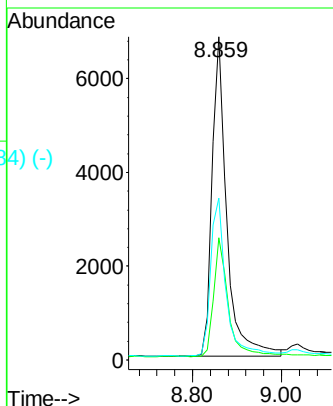
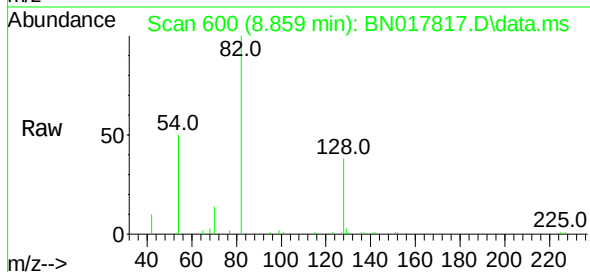
Tgt Ion: 82 Resp: 15404

Ion Ratio Lower Upper

82 100

128 37.7 30.2 45.2

54 50.1 39.0 58.6



2-Methylnaphthalene-d10

Concen: 0.26 ng

RT: 12.089 min Scan# 938

Delta R.T. -0.000 min

Lab File: BN017817.D

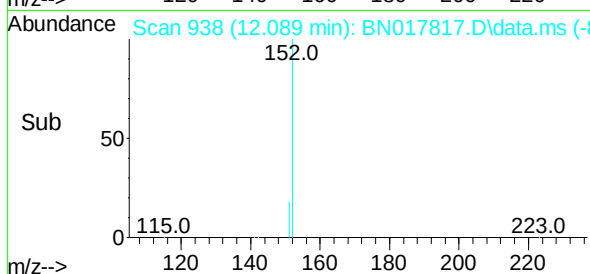
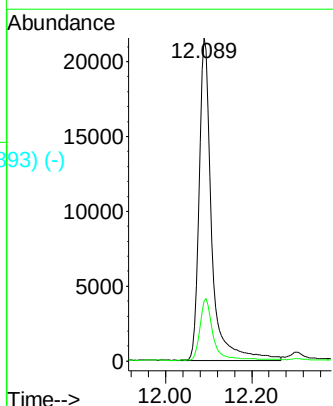
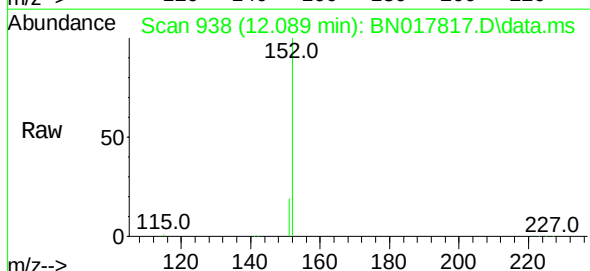
Acq: 09 Dec 2021 03:24

Tgt Ion: 152 Resp: 43226

Ion Ratio Lower Upper

152 100

151 20.1 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: BN017817.D

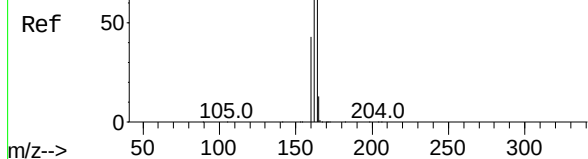
Acq: 09 Dec 2021 03:24

Instrument :

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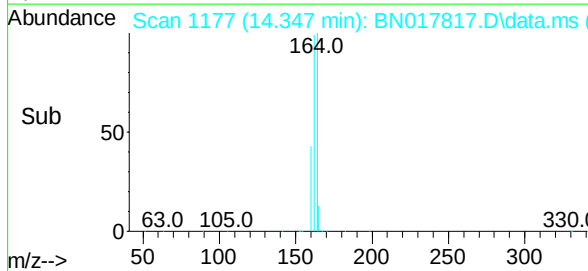
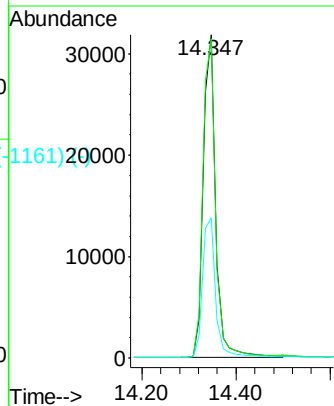
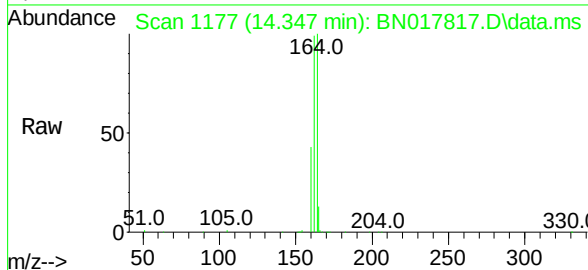
Tgt Ion:164 Resp: 58219

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: 0.18 ng

RT: 15.844 min Scan# 1295

Delta R.T. -0.000 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24

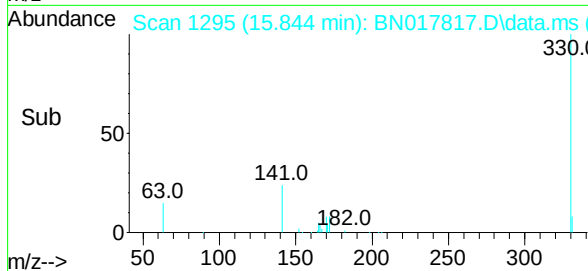
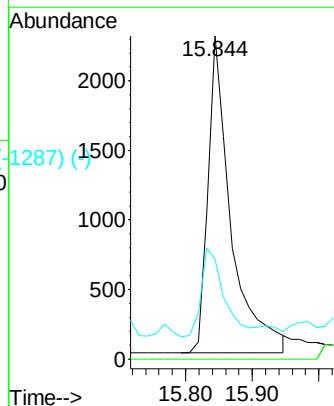
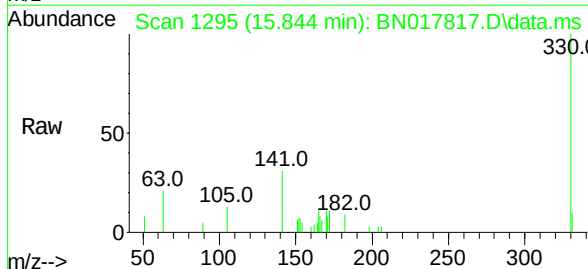
Tgt Ion:330 Resp: 5461

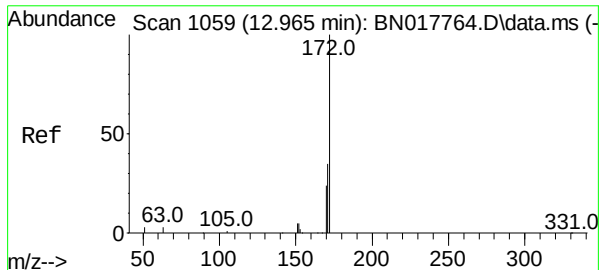
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 31.2 21.5 32.3

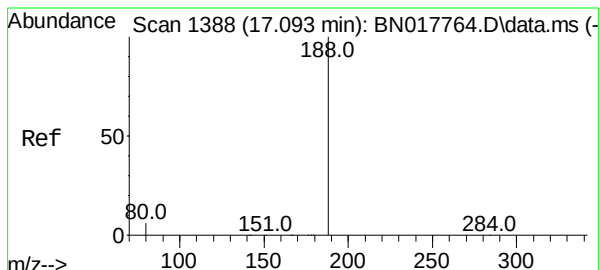
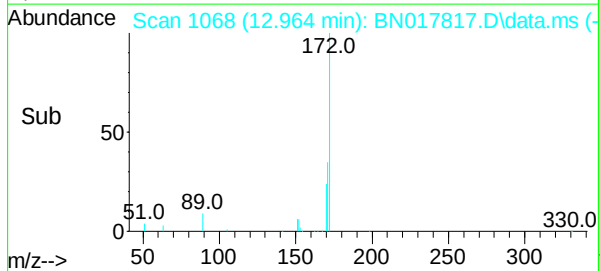
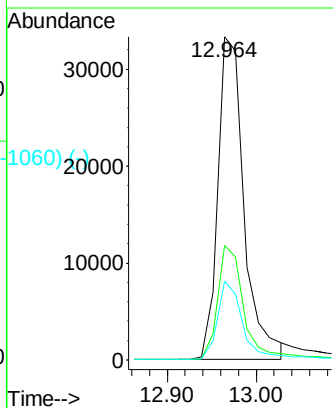
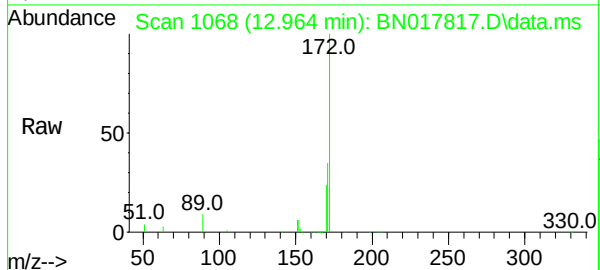




2-Fluorobiphenyl
Concen: 0.32 ng
RT: 12.964 min Scan# 1068
Delta R.T. -0.000 min
Lab File: BN017817.D
Acq: 09 Dec 2021 03:24

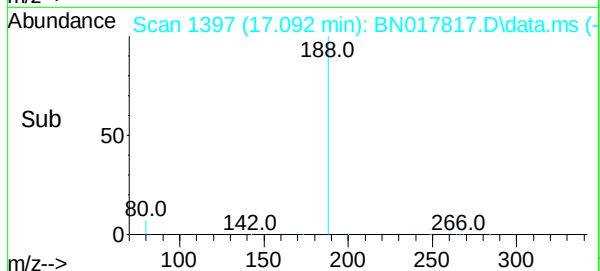
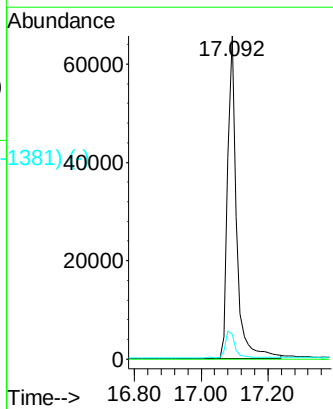
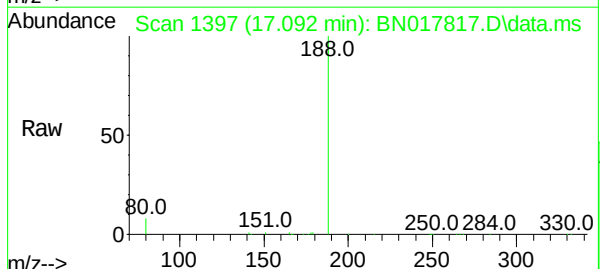
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Tgt Ion:	172	Resp:	68164
Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	24.3	18.9	28.3



Phenanthrene-d10
Concen: 0.40 ng
RT: 17.092 min Scan# 1397
Delta R.T. -0.000 min
Lab File: BN017817.D
Acq: 09 Dec 2021 03:24

Tgt Ion:	188	Resp:	121726
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	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: 15.476 min Scan# 1266

Delta R.T. -0.013 min

Lab File: BN017817.D

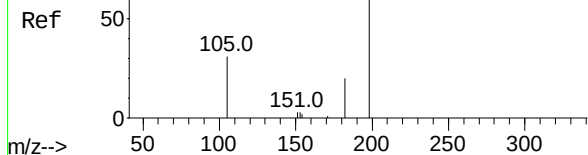
Acq: 09 Dec 2021 03:24

Instrument :

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ClientSampleId :

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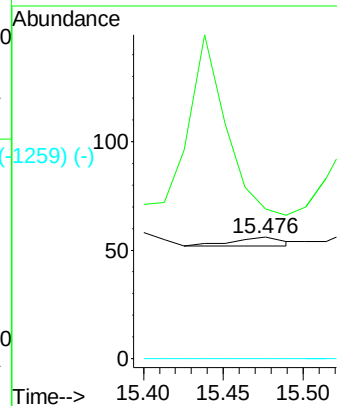
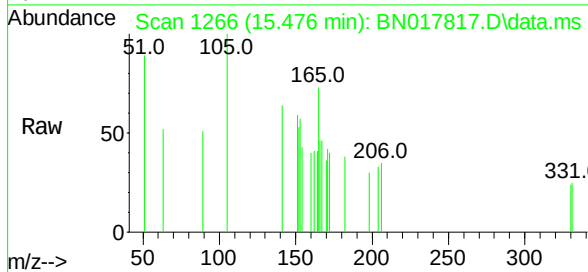
Tgt Ion:198 Resp: 8

Ion Ratio Lower Upper

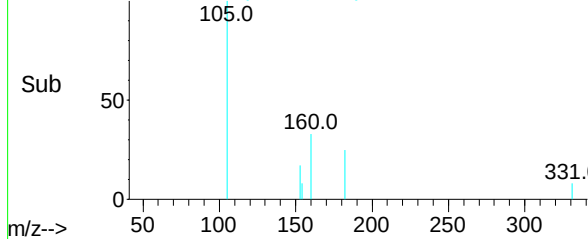
198 100

182 123.2 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1266 (15.476 min): BN017817.D\data.ms (-1259) (-)



Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1362) (-)

Pentachlorophenol

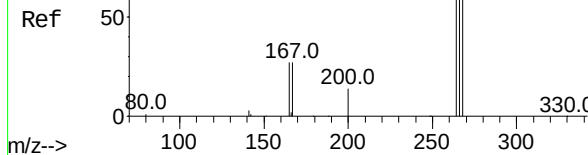
Concen: 0.28 ng

RT: 16.764 min Scan# 1370

Delta R.T. -0.000 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24



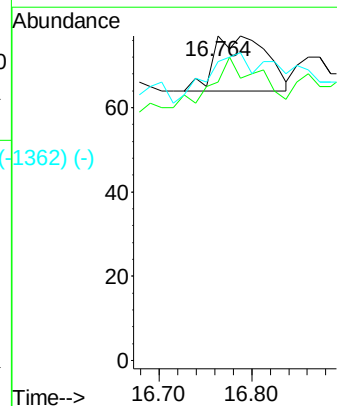
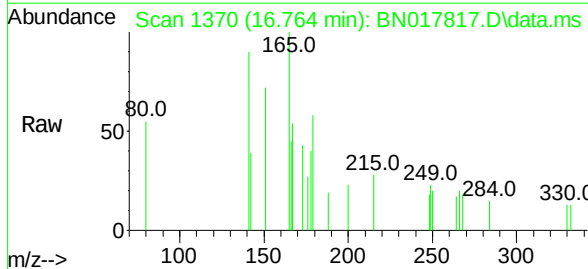
Tgt Ion:266 Resp: 52

Ion Ratio Lower Upper

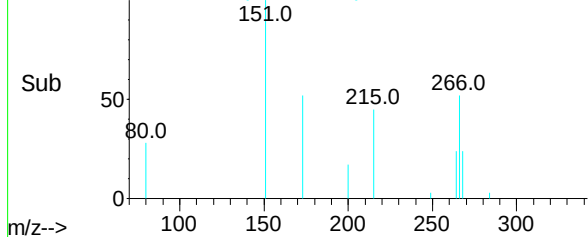
266 100

264 0.0 50.8 76.2#

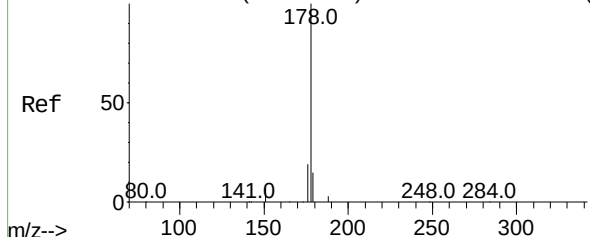
268 0.0 51.8 77.6#



Abundance Scan 1370 (16.764 min): BN017817.D\data.ms (-1362) (-)



Abundance Scan 1391 (17.129 min): BN017764.D\data.ms (-1325) (-)



Phenanthrene

Concen: 0.04 ng

RT: 17.129 min Scan# 1391

Delta R.T. -0.000 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24

Instrument :

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ClientSampleId :

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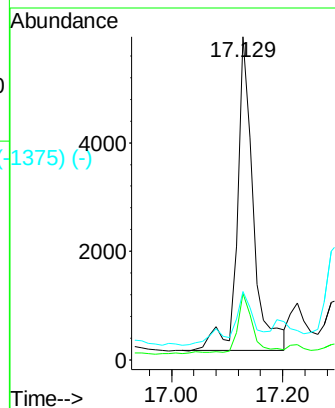
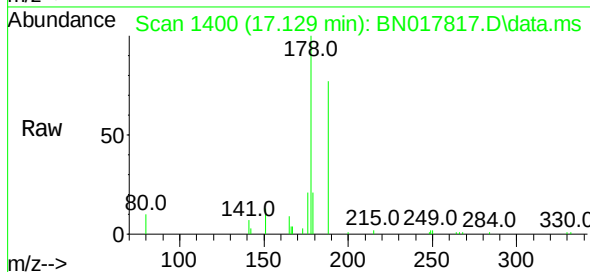
Tgt Ion:178 Resp: 11572

Ion Ratio Lower Upper

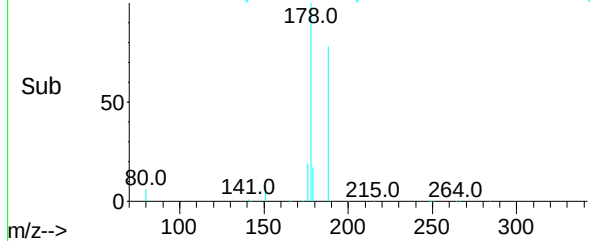
178 100

176 16.3 15.0 22.6

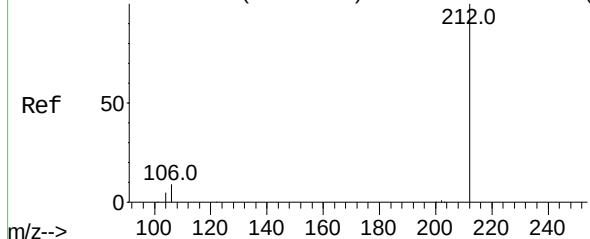
179 12.8 12.5 18.7



Abundance Scan 1400 (17.129 min): BN017817.D\data.ms (-1375) (-)



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



Fluoranthene-d10

Concen: 0.36 ng

RT: 19.129 min Scan# 1697

Delta R.T. -0.000 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24

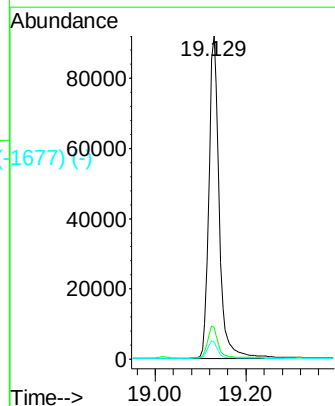
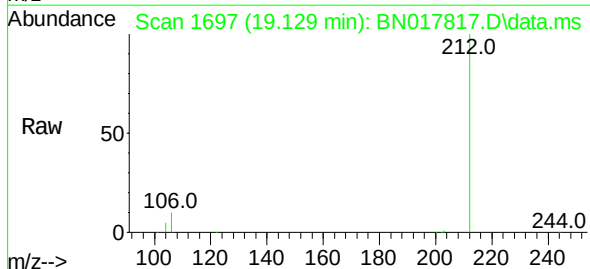
Tgt Ion:212 Resp: 145802

Ion Ratio Lower Upper

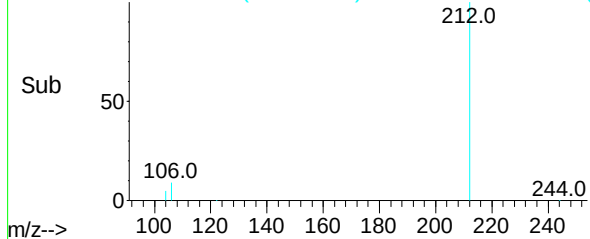
212 100

106 9.7 8.2 12.2

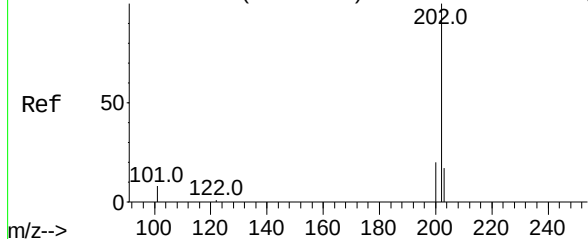
104 5.8 4.6 6.8



Abundance Scan 1697 (19.129 min): BN017817.D\data.ms (-1677) (-)



Abundance Scan 1694 (19.159 min): BN017764.D\data.ms (-1663) (-)



Fluoranthene

Concen: 0.02 ng

RT: 19.159 min Scan# 1694

Delta R.T. -0.000 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24

Instrument :

BNA_N

ClientSampleId :

RE132D1-20211129

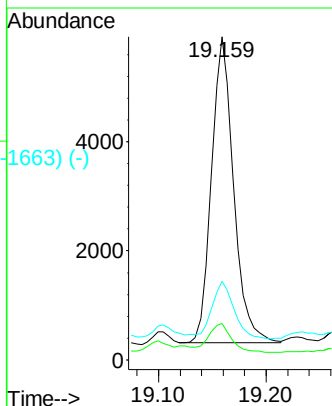
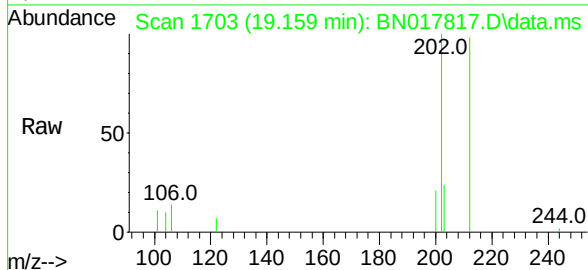
Tgt Ion:202 Resp: 8036

Ion Ratio Lower Upper

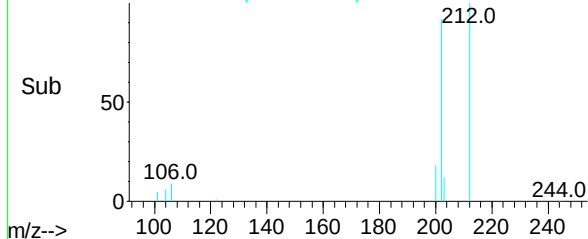
202 100

101 9.8 7.2 10.8

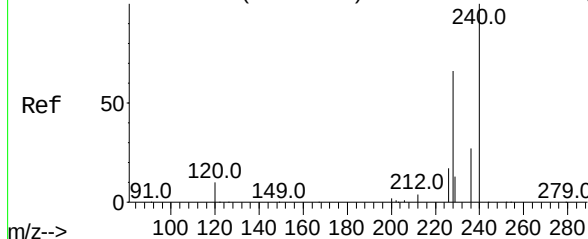
203 18.9 13.7 20.5



Abundance Scan 1703 (19.159 min): BN017817.D\data.ms (-1663) (-)



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: BN017817.D

Acq: 09 Dec 2021 03:24

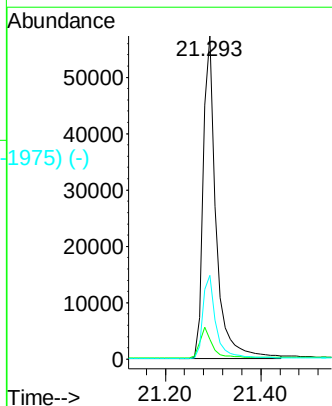
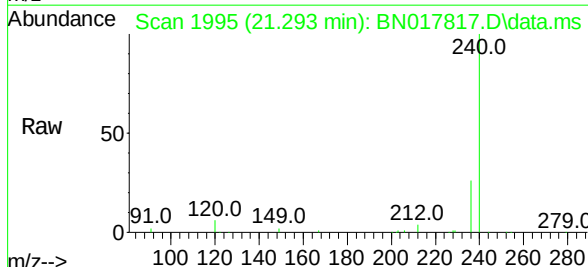
Tgt Ion:240 Resp: 106232

Ion Ratio Lower Upper

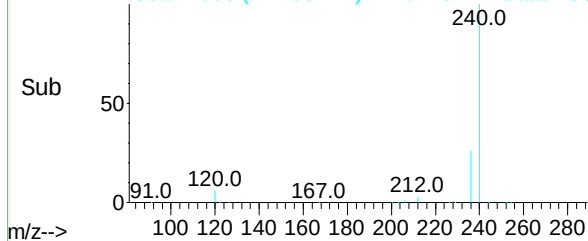
240 100

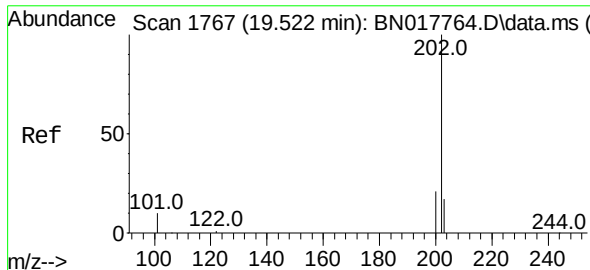
120 6.1 7.9 11.9#

236 25.9 21.4 32.2



Abundance Scan 1995 (21.293 min): BN017817.D\data.ms (-1975) (-)





Pyrene

Concen: 0.02 ng

RT: 19.521 min Scan# 1767

Delta R.T. -0.000 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24

Instrument :

BNA_N

ClientSampleId :

RE132D1-20211129

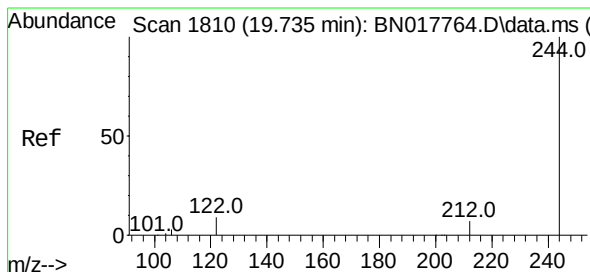
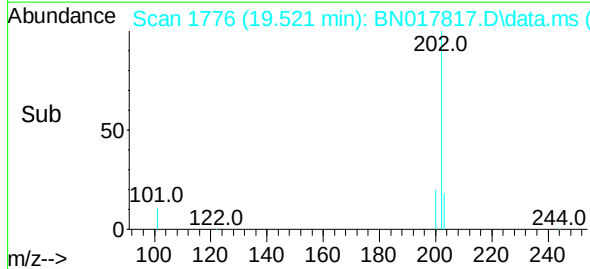
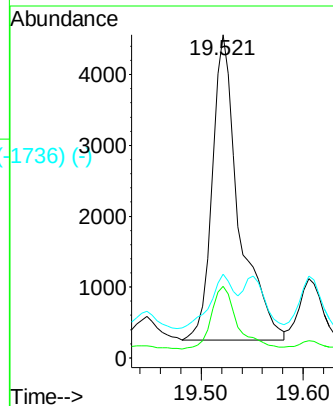
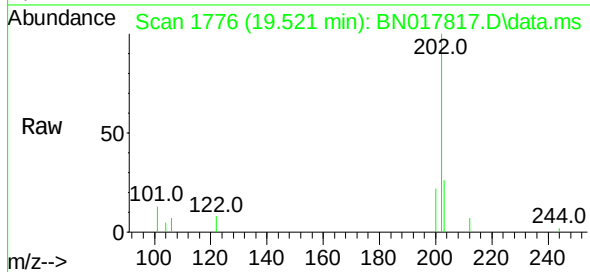
Tgt Ion:202 Resp: 7780

Ion Ratio Lower Upper

202 100

200 20.1 16.5 24.7

203 16.2 14.0 21.0



Terphenyl-d14

Concen: 0.60 ng

RT: 19.730 min Scan# 1818

Delta R.T. -0.005 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24

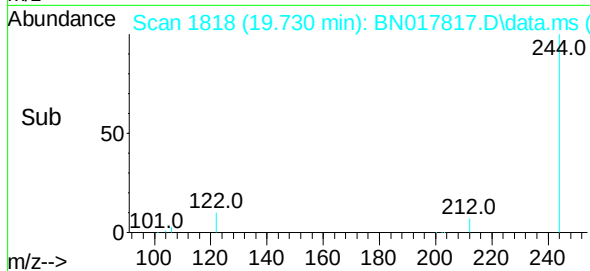
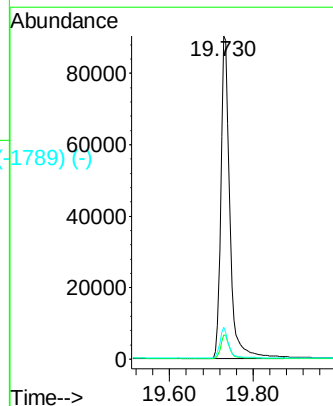
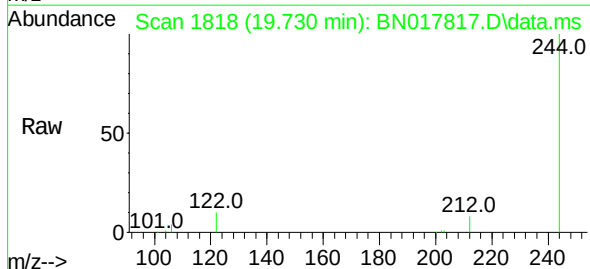
Tgt Ion:244 Resp: 137512

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 9.9 7.1 10.7



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

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 21.218 min Scan# 1988

Delta R.T. -0.000 min

Lab File: BN017817.D

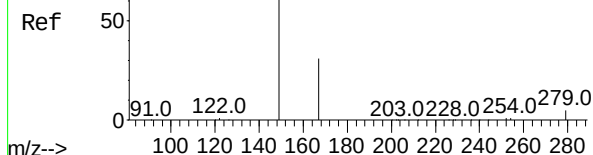
Acq: 09 Dec 2021 03:24

Instrument :

BNA_N

ClientSampleId :

RE132D1-20211129



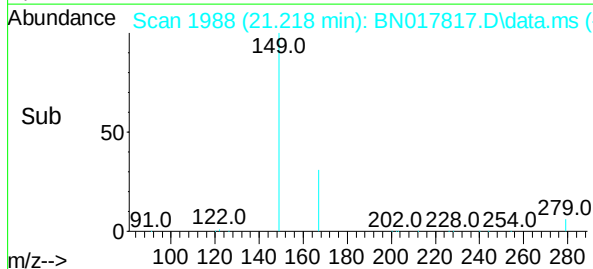
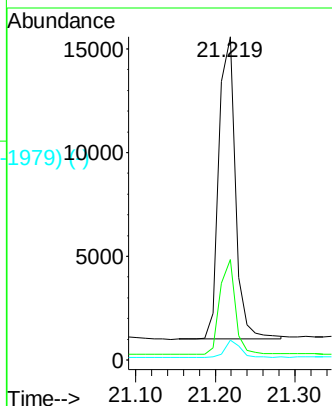
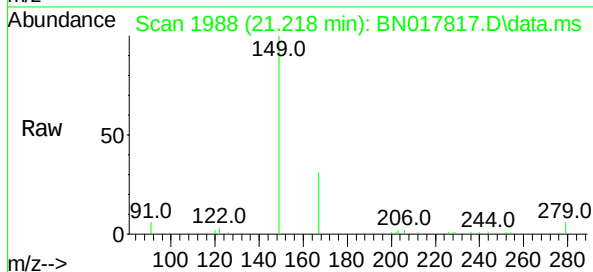
Tgt Ion:149 Resp: 20865

Ion Ratio Lower Upper

149 100

167 29.5 23.5 35.3

279 5.0 3.8 5.6



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

Perylene-d12

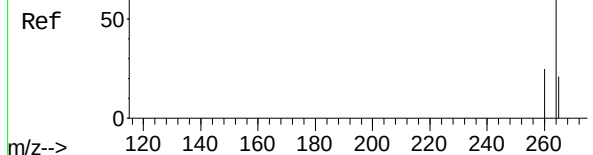
Concen: 0.40 ng

RT: 23.589 min Scan# 2445

Delta R.T. 0.006 min

Lab File: BN017817.D

Acq: 09 Dec 2021 03:24



Tgt Ion:264 Resp: 83978

Ion Ratio Lower Upper

264 100

260 24.8 20.0 30.0

265 23.8 20.5 30.7

