

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120821\
 Data File : BN017822.D
 Acq On : 09 Dec 2021 06:23
 Operator : CG/JU
 Sample : M4922-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE132D5-20211129

Quant Time: Dec 10 01:51:22 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)

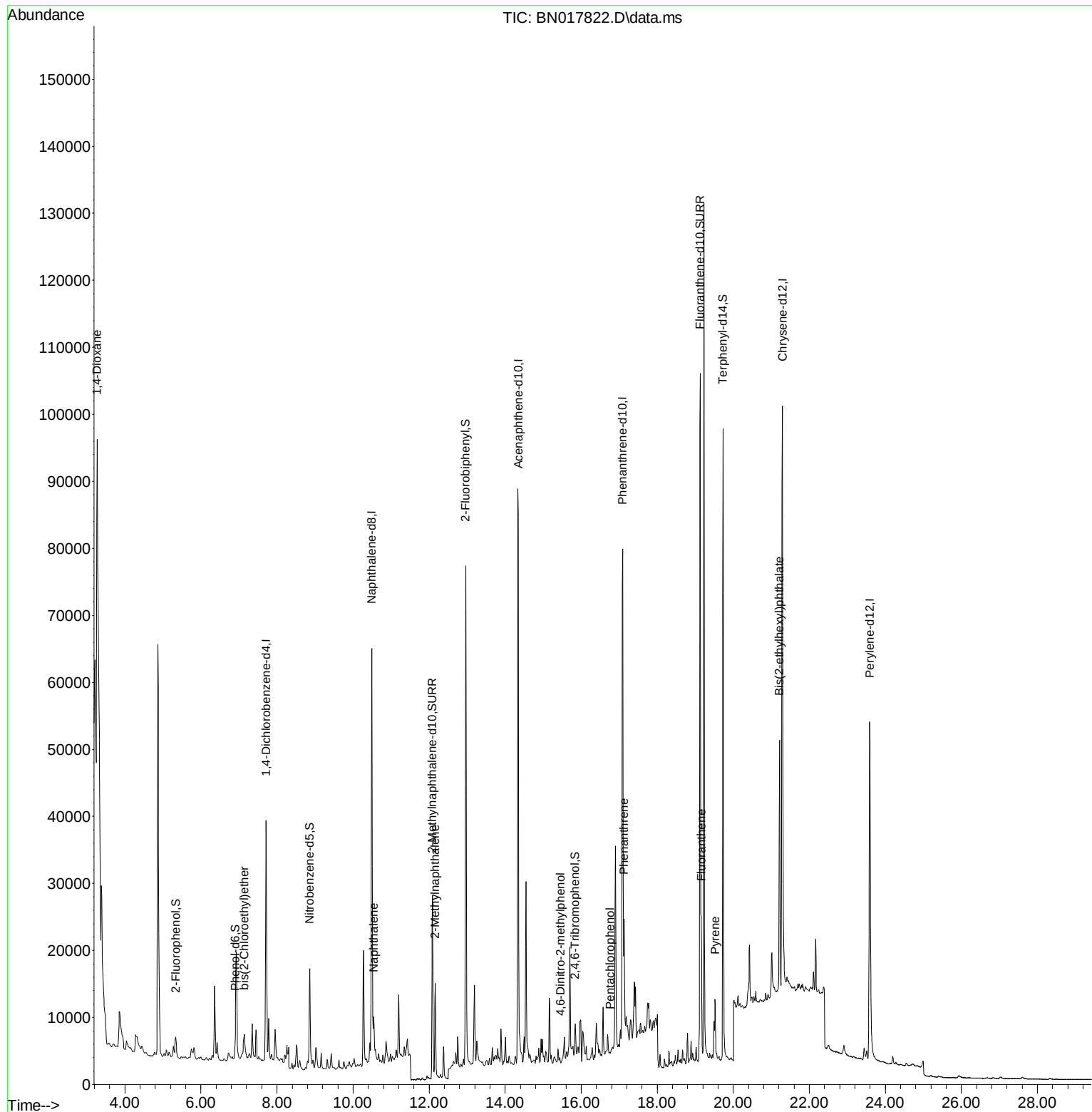
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20200	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	88673	0.40	ng	0.00
13) Acenaphthene-d10	14.347	164	61035	0.40	ng	0.00
19) Phenanthrene-d10	17.092	188	123178	0.40	ng	0.00
29) Chrysene-d12	21.293	240	107734	0.40	ng	# 0.01
35) Perylene-d12	23.585	264	85037	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	3725	0.08	ng	0.00
5) Phenol-d6	6.903	99	2347	0.05	ng	0.00
8) Nitrobenzene-d5	8.859	82	15142	0.26	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	40775	0.23	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	4823	0.15	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	65216	0.29	ng	0.00
27) Fluoranthene-d10	19.129	212	130779	0.32	ng	0.00
31) Terphenyl-d14	19.730	244	109518	0.47	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	77027	10.36	ng	# 100
6) bis(2-Chloroethyl)ether	7.143	93	2118	0.04	ng	88
9) Naphthalene	10.544	128	4994	0.02	ng	# 93
12) 2-Methylnaphthalene	12.161	142	10987	0.07	ng	99
20) 4,6-Dinitro-2-methylph...	15.451	198	68	0.14	ng	# 1
24) Pentachlorophenol	16.764	266	37	0.28	ng	# 25
25) Phenanthrene	17.129	178	20531	0.06	ng	97
28) Fluoranthene	19.159	202	16147	0.04	ng	# 91
30) Pyrene	19.521	202	9058	0.03	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.218	149	38624	0.26	ng	99

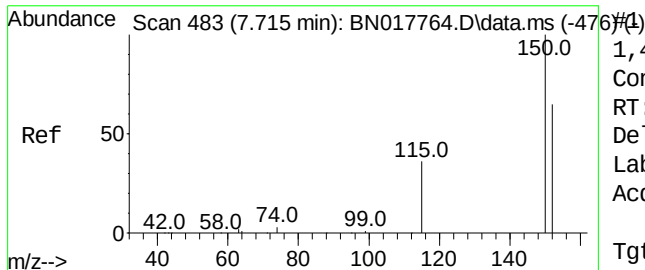
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 08 01:18:09 2021
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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: BN017822.D

Acq: 09 Dec 2021 06:23

Instrument :

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ClientSampleId :

RE132D5-20211129

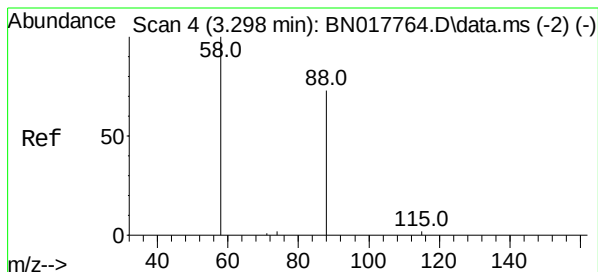
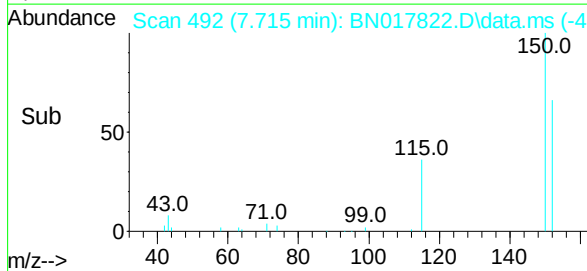
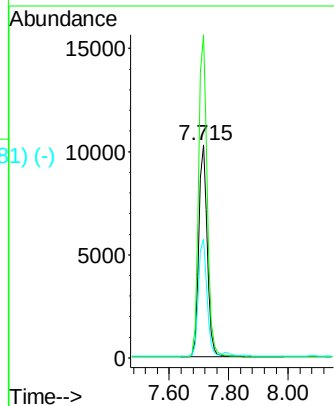
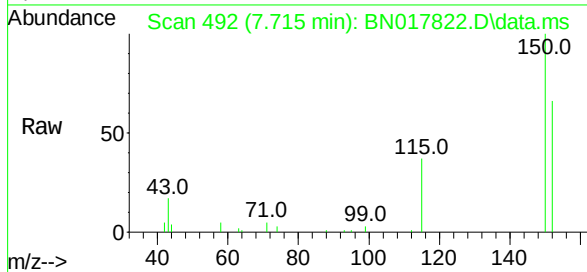
Tgt Ion:152 Resp: 20200

Ion Ratio Lower Upper

152 100

150 151.7 123.0 184.4

115 55.8 45.3 67.9



#2

1,4-Dioxane

Concen: 10.36 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017822.D

Acq: 09 Dec 2021 06:23

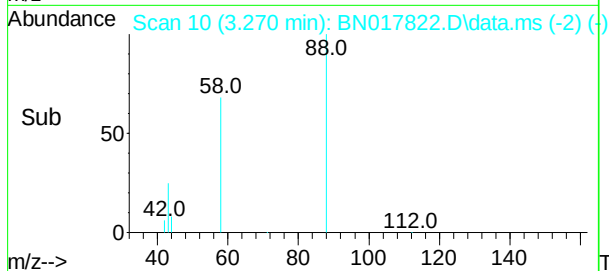
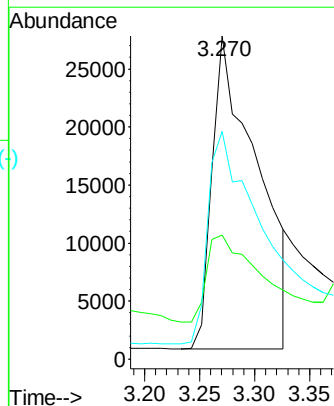
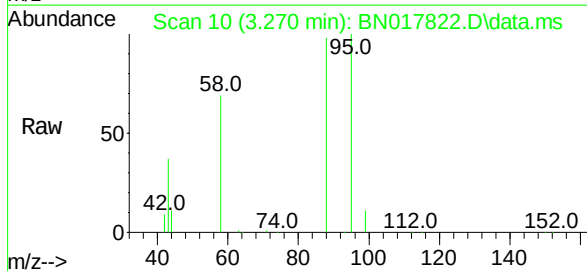
Tgt Ion: 88 Resp: 77027

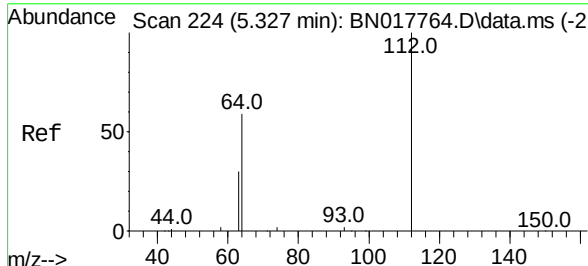
Ion Ratio Lower Upper

88 100

43 31.0 0.0 0.0#

58 74.2 0.0 0.0#





2-Fluorophenol

Concen: 0.08 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017822.D

Acq: 09 Dec 2021 06:23

Instrument :

BNA_N

ClientSampleId :

RE132D5-20211129

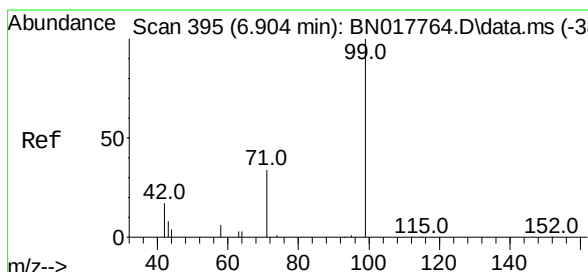
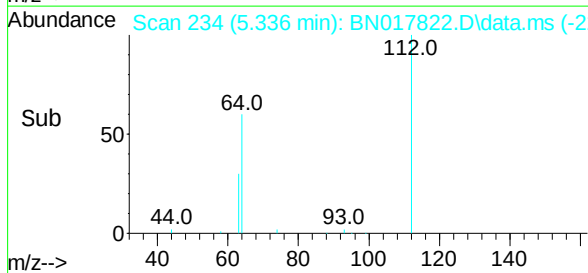
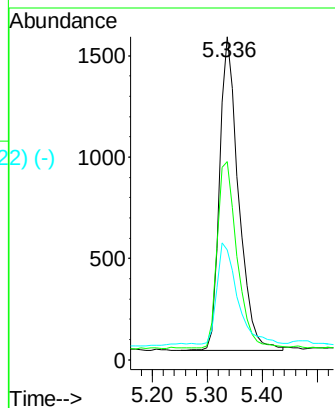
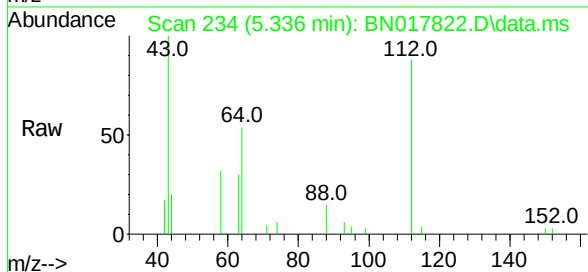
Tgt Ion: 112 Resp: 3725

Ion Ratio Lower Upper

112 100

64 62.3 49.3 73.9

63 34.8 25.8 38.8



Phenol-d6

Concen: 0.05 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.001 min

Lab File: BN017822.D

Acq: 09 Dec 2021 06:23

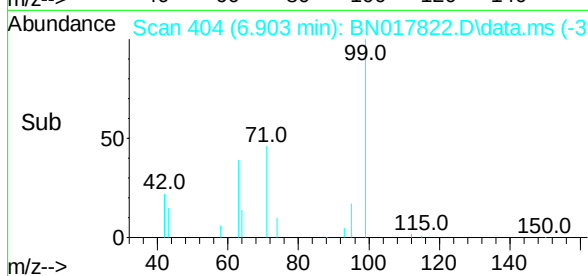
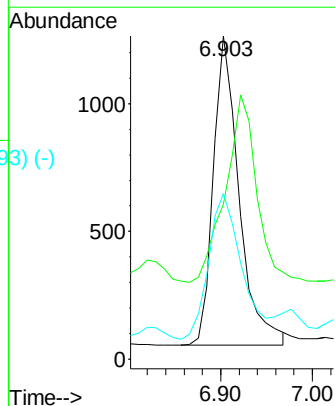
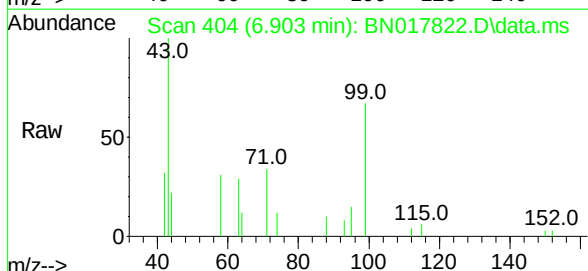
Tgt Ion: 99 Resp: 2347

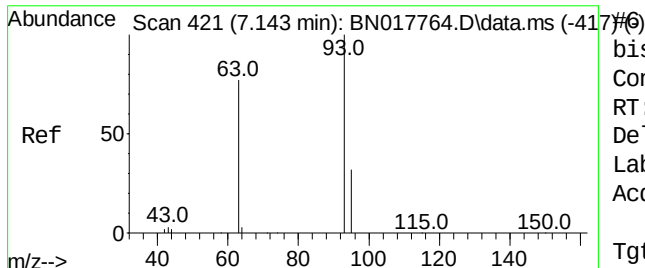
Ion Ratio Lower Upper

99 100

42 73.4 16.6 25.0#

71 60.1 29.0 43.4#

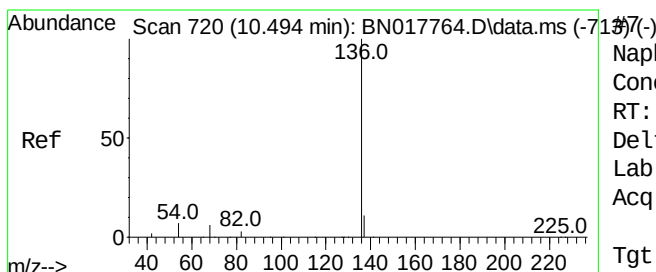
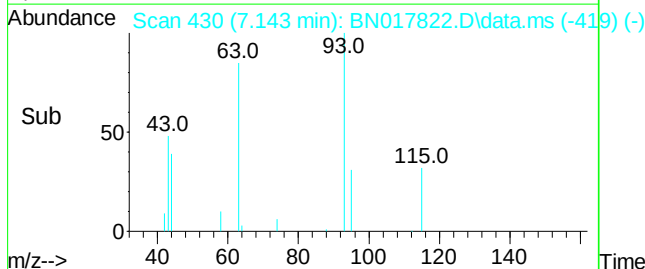
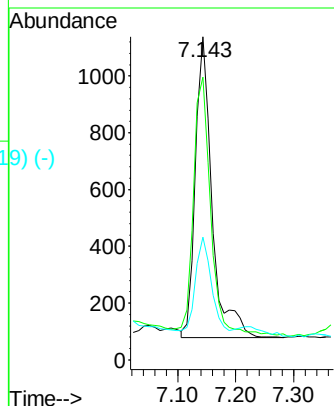
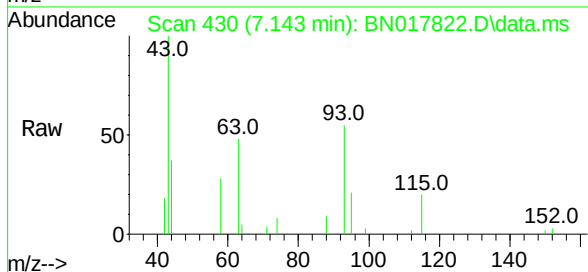




bis(2-Chloroethyl)ether
 Concen: 0.04 ng
 RT: 7.143 min Scan# 417
 Delta R.T. -0.001 min
 Lab File: BN017822.D
 Acq: 09 Dec 2021 06:23

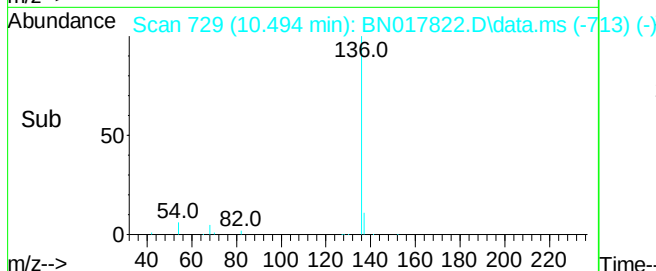
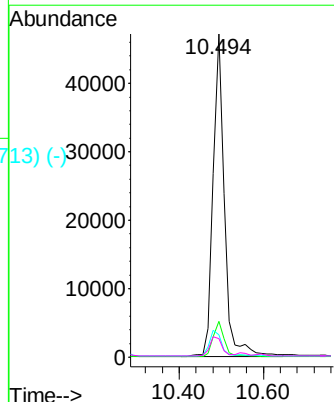
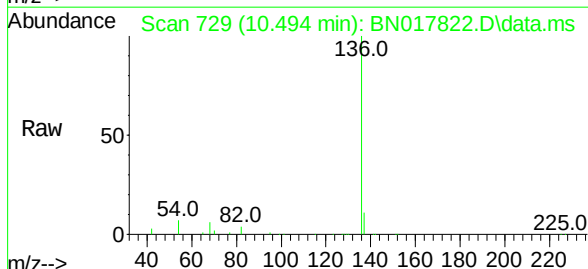
Instrument :
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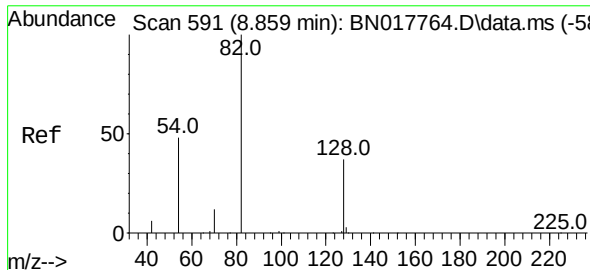
Tgt Ion:	93	Resp:	2118
Ion	Ratio	Lower	Upper
93	100		
63	90.1	62.0	93.0
95	29.3	26.4	39.6



Naphthalene-d8
 Concen: 0.40 ng
 RT: 10.494 min Scan# 729
 Delta R.T. -0.001 min
 Lab File: BN017822.D
 Acq: 09 Dec 2021 06:23

Tgt Ion:	136	Resp:	88673
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.8	5.9	8.9
68	5.7	5.0	7.6





Nitrobenzene-d5

Concen: 0.26 ng

RT: 8.859 min Scan#

Delta R.T. -0.001 min

Lab File: BN017822.D

Acq: 09 Dec 2021 06:23

Instrument :

BNA_N

ClientSampleId :

RE132D5-20211129

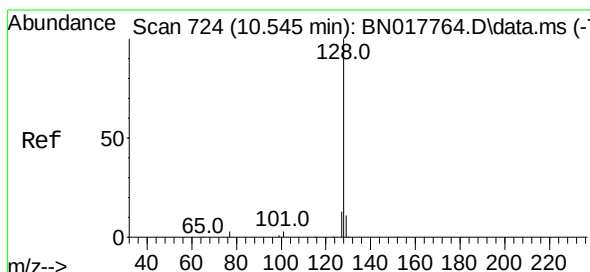
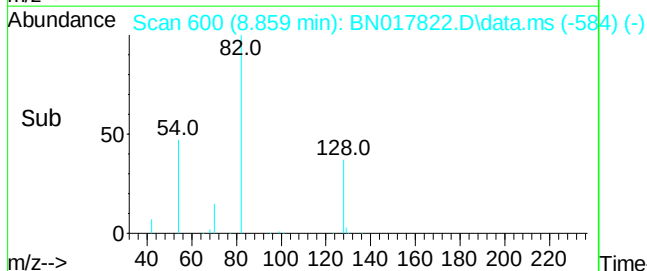
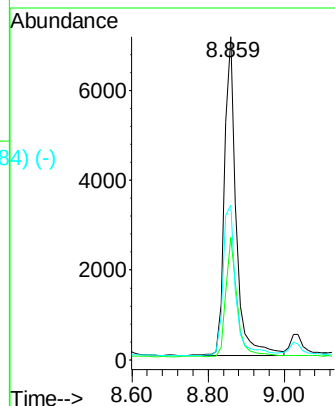
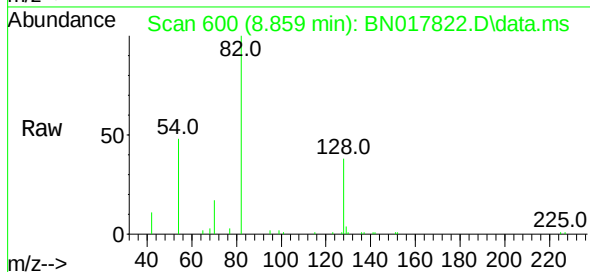
Tgt Ion: 82 Resp: 15142

Ion Ratio Lower Upper

82 100

128 38.0 30.2 45.2

54 47.9 39.0 58.6



Naphthalene

Concen: 0.02 ng

RT: 10.544 min Scan# 733

Delta R.T. -0.001 min

Lab File: BN017822.D

Acq: 09 Dec 2021 06:23

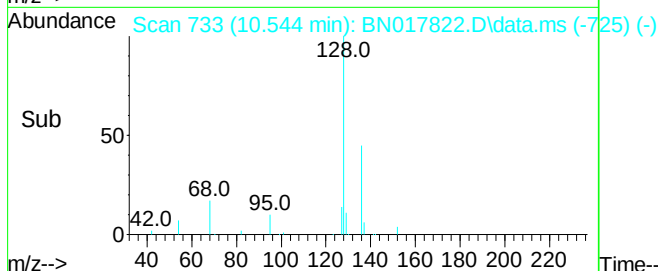
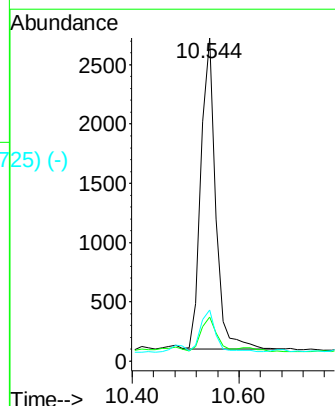
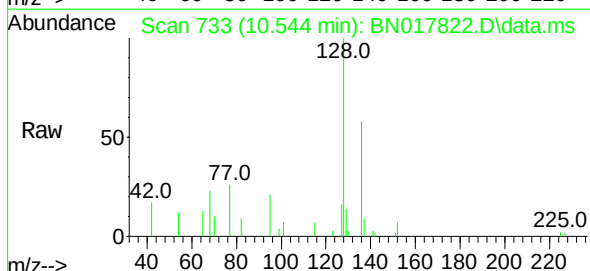
Tgt Ion: 128 Resp: 4994

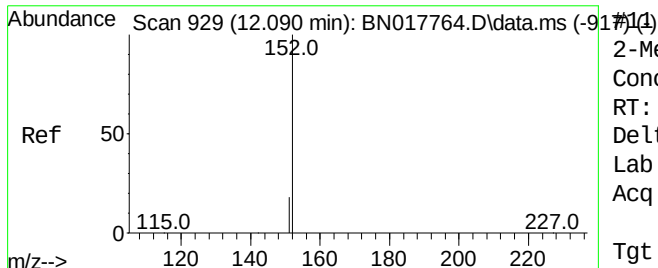
Ion Ratio Lower Upper

128 100

129 13.6 8.8 13.2#

127 15.9 10.6 15.8#

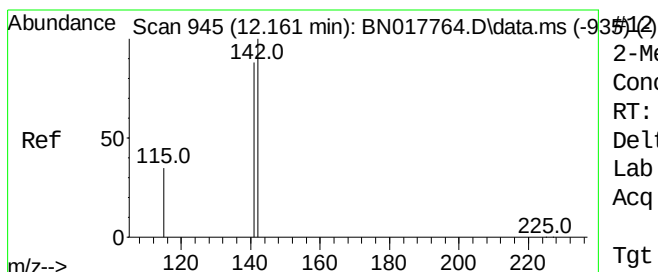
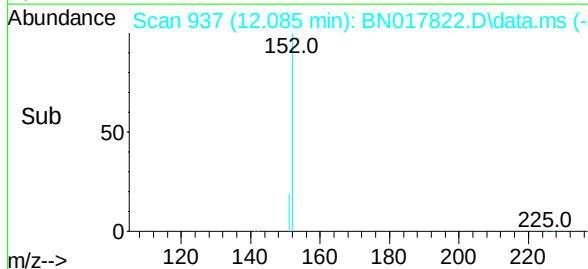
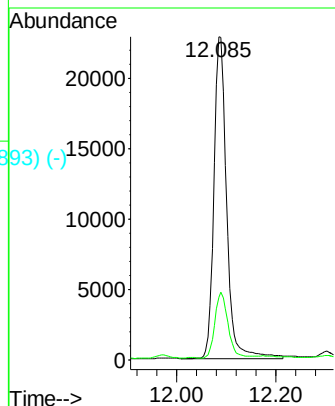
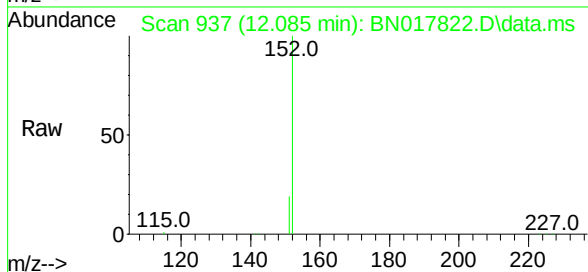




2-Methylnaphthalene-d10
 Concen: 0.23 ng
 RT: 12.085 min Scan# 937
 Delta R.T. -0.005 min
 Lab File: BN017822.D
 Acq: 09 Dec 2021 06:23

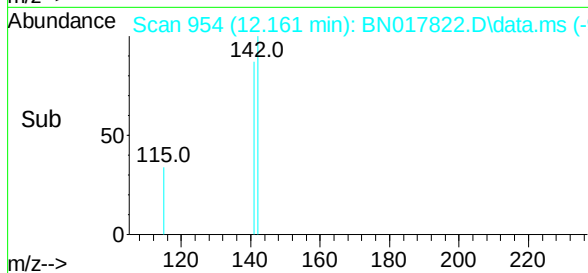
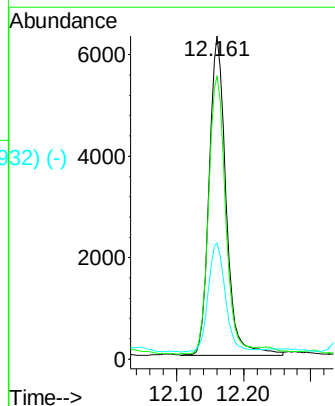
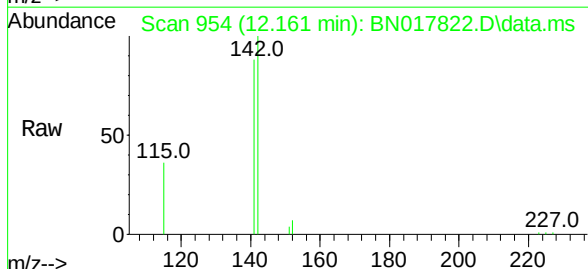
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Tgt Ion:152 Resp: 40775
 Ion Ratio Lower Upper
 152 100
 151 21.0 16.4 24.6



2-Methylnaphthalene
 Concen: 0.07 ng
 RT: 12.161 min Scan# 954
 Delta R.T. -0.001 min
 Lab File: BN017822.D
 Acq: 09 Dec 2021 06:23

Tgt Ion:142 Resp: 10987
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.5 105.7
 115 36.1 28.0 42.0



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

Acenaphthene-d10

Concen: 0.40 ng

RT: 14.347 min Scan#

Delta R.T. -0.001 min

Lab File: BN017822.D

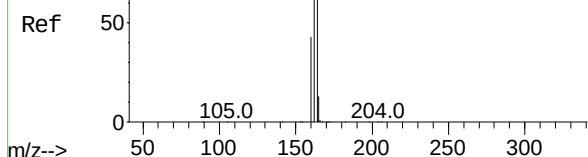
Acq: 09 Dec 2021 06:23

Instrument :

BNA_N

ClientSampleId :

RE132D5-20211129



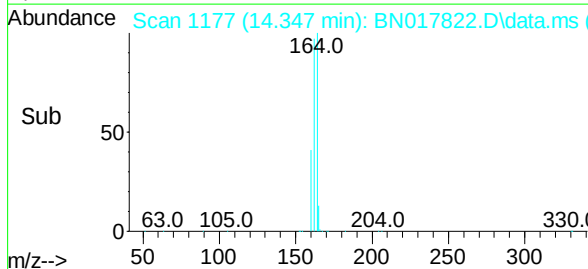
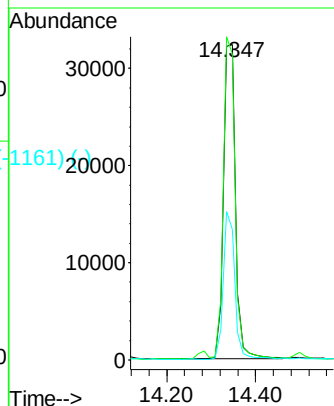
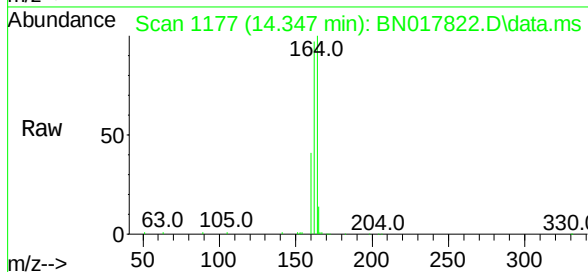
Tgt Ion:164 Resp: 61035

Ion Ratio Lower Upper

164 100

162 96.8 79.0 118.6

160 41.3 34.6 52.0



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

2,4,6-Tribromophenol

Concen: 0.15 ng

RT: 15.844 min Scan# 1295

Delta R.T. -0.001 min

Lab File: BN017822.D

Acq: 09 Dec 2021 06:23

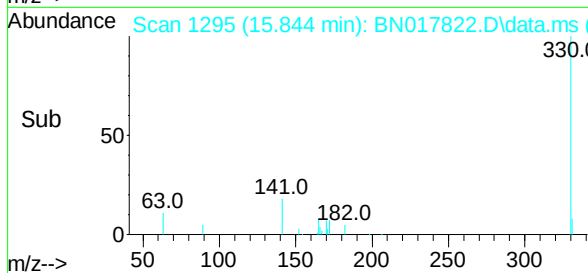
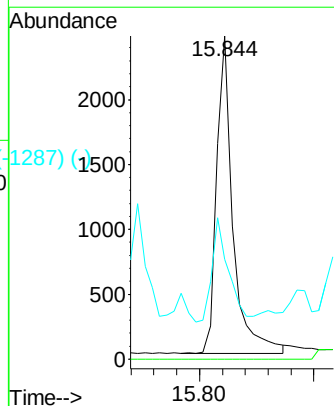
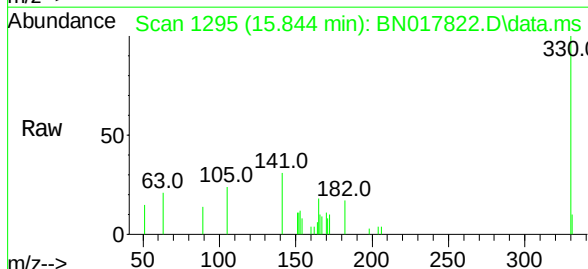
Tgt Ion:330 Resp: 4823

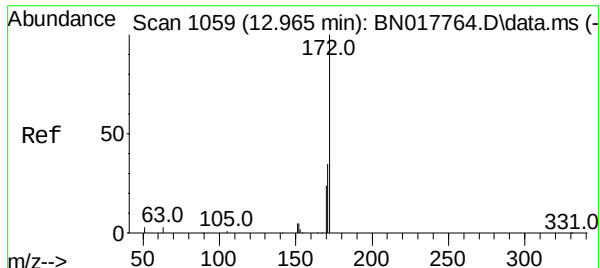
Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 33.7 21.5 32.3#

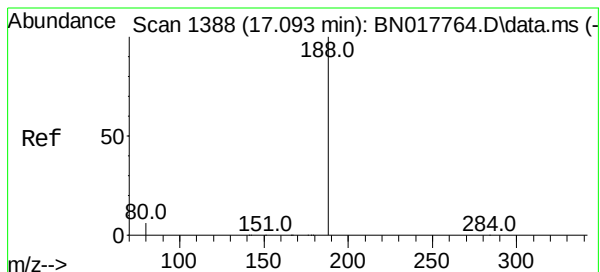
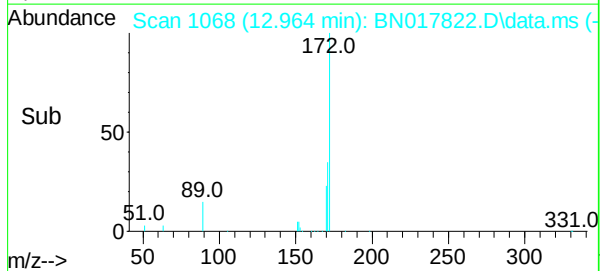
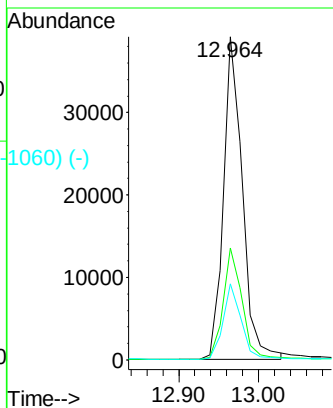
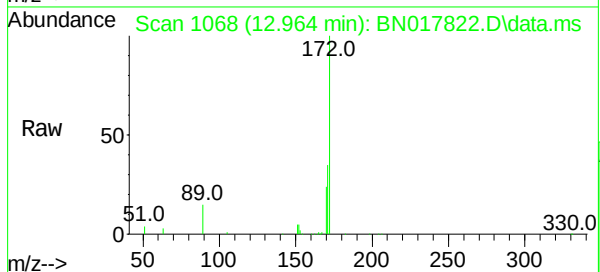




2-Fluorobiphenyl
 Concen: 0.29 ng
 RT: 12.964 min Scan# 1059
 Delta R.T. -0.001 min
 Lab File: BN017822.D
 Acq: 09 Dec 2021 06:23

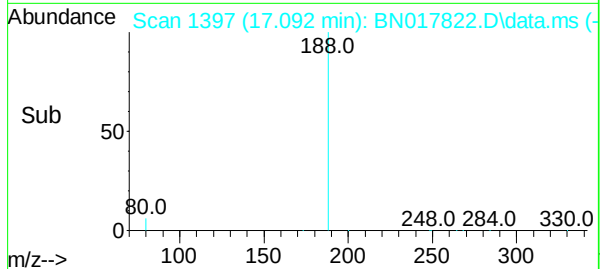
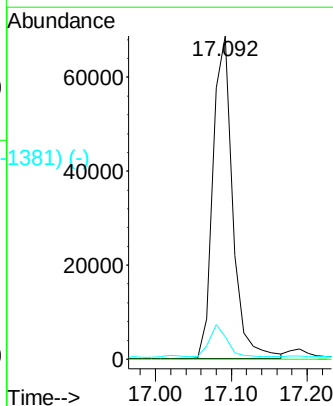
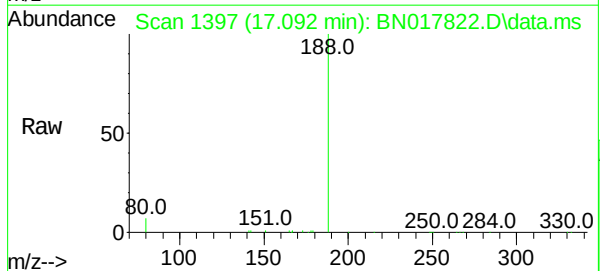
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 RE132D5-20211129

Tgt Ion:	172	Resp:	65216
Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.6	18.9	28.3



Phenanthrene-d10
 Concen: 0.40 ng
 RT: 17.092 min Scan# 1397
 Delta R.T. -0.001 min
 Lab File: BN017822.D
 Acq: 09 Dec 2021 06:23

Tgt Ion:	188	Resp:	123178
Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.8	5.1	7.7



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

4,6-Dinitro-2-methylphenol

Concen: 0.14 ng

RT: 15.451 min Scan# 1264

Delta R.T. -0.038 min

Lab File: BN017822.D

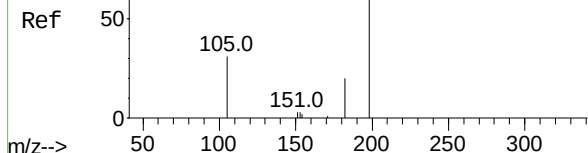
Acq: 09 Dec 2021 06:23

Instrument :

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ClientSampleId :

RE132D5-20211129



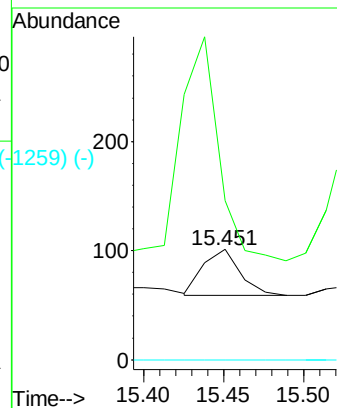
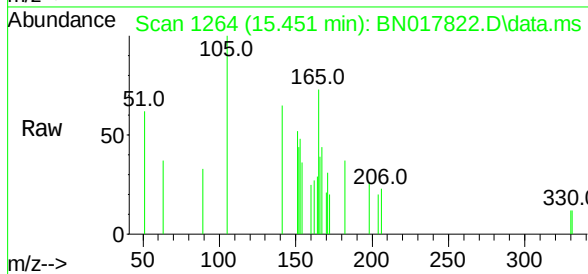
Tgt Ion:198 Resp: 68

Ion Ratio Lower Upper

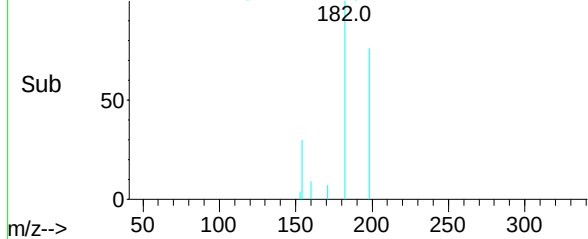
198 100

182 144.6 44.2 66.2#

77 0.0 0.0 0.0



Abundance Scan 1264 (15.451 min): BN017822.D\data.ms (-1259) (-)



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

Pentachlorophenol

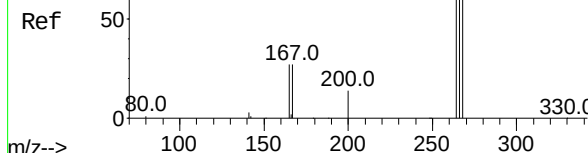
Concen: 0.28 ng

RT: 16.764 min Scan# 1370

Delta R.T. -0.000 min

Lab File: BN017822.D

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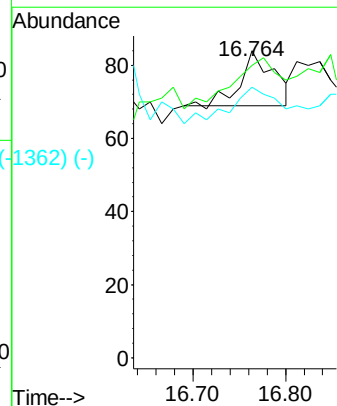
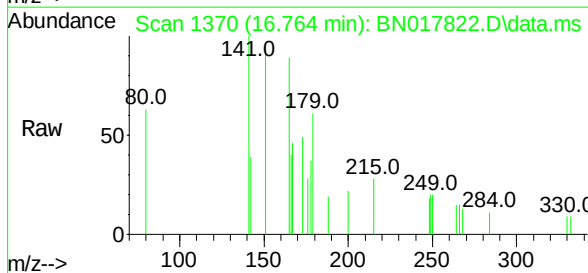
Tgt Ion:266 Resp: 37

Ion Ratio Lower Upper

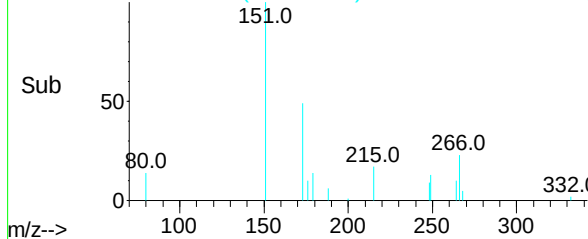
266 100

264 135.1 50.8 76.2#

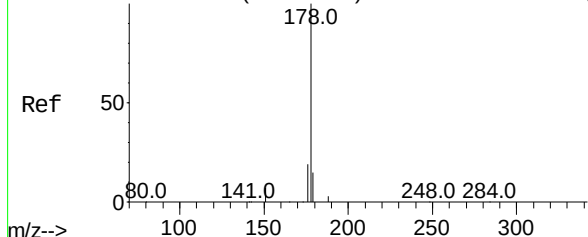
268 110.8 51.8 77.6#



Abundance Scan 1370 (16.764 min): BN017822.D\data.ms (-1362) (-)



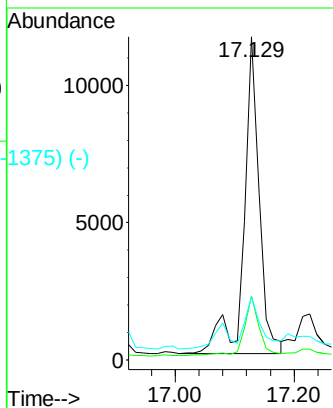
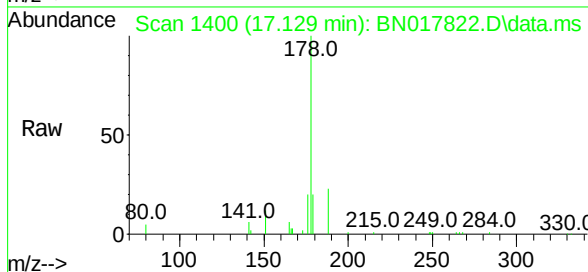
Abundance Scan 1391 (17.129 min): BN017764.D\data.ms (-1325) (-)



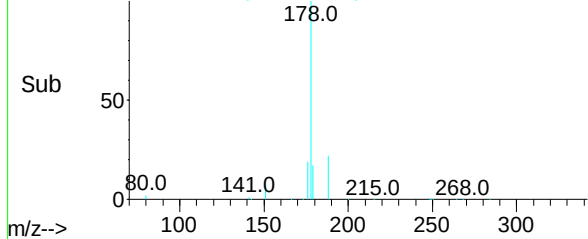
Phenanthrene
Concen: 0.06 ng
RT: 17.129 min Scan# 1391
Delta R.T. -0.001 min
Lab File: BN017822.D
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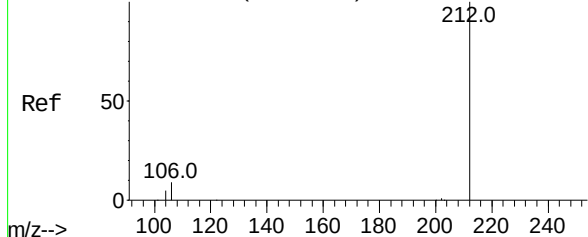
Tgt Ion:178 Resp: 20531
Ion Ratio Lower Upper
178 100
176 17.9 15.0 22.6
179 14.2 12.5 18.7



Abundance Scan 1400 (17.129 min): BN017822.D\data.ms (-1375) (-)

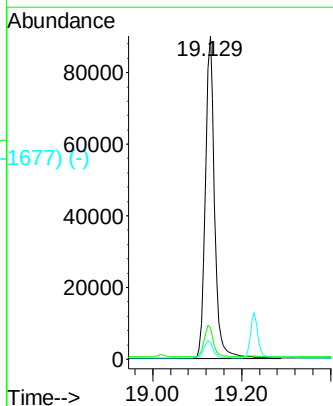
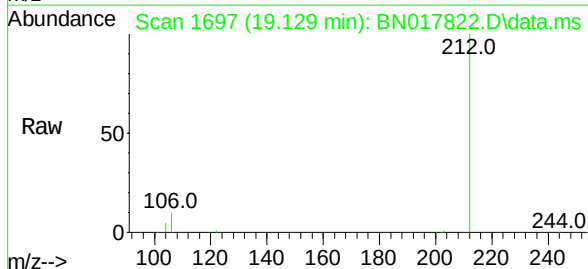


Abundance Scan 1688 (19.130 min): BN017764.D\data.ms (-1625) (-)

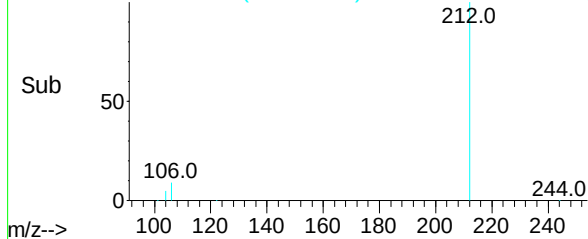


Fluoranthene-d10
Concen: 0.32 ng
RT: 19.129 min Scan# 1697
Delta R.T. -0.001 min
Lab File: BN017822.D
Acq: 09 Dec 2021 06:23

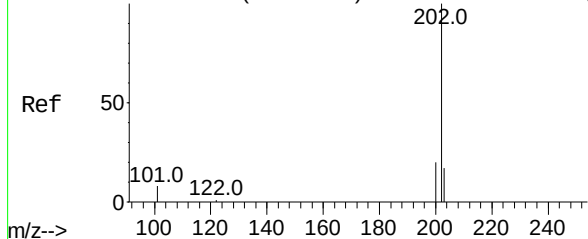
Tgt Ion:212 Resp: 130779
Ion Ratio Lower Upper
212 100
106 9.5 8.2 12.2
104 5.7 4.6 6.8



Abundance Scan 1697 (19.129 min): BN017822.D\data.ms (-1677) (-)



Abundance Scan 1694 (19.159 min): BN017764.D\data.ms (-1629) (-)



Fluoranthene

Concen: 0.04 ng

RT: 19.159 min Scan# 1694

Delta R.T. -0.001 min

Lab File: BN017822.D

Acq: 09 Dec 2021 06:23

Instrument :

BNA_N

ClientSampleId :

RE132D5-20211129

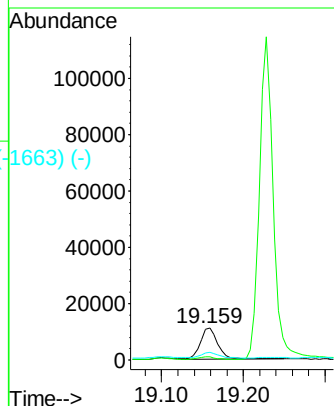
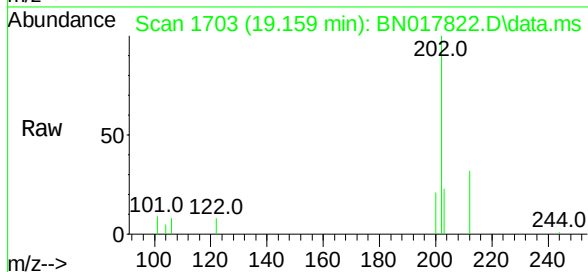
Tgt Ion:202 Resp: 16147

Ion Ratio Lower Upper

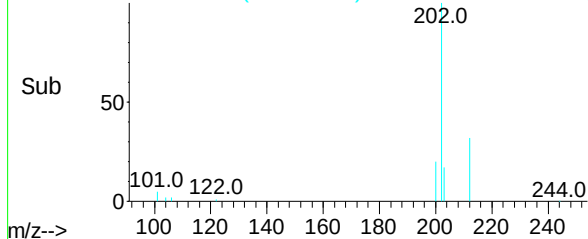
202 100

101 0.0 7.2 10.8#

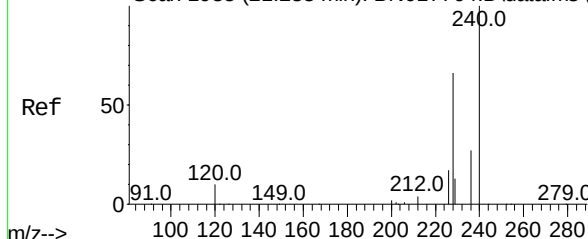
203 17.1 13.7 20.5



Abundance Scan 1703 (19.159 min): BN017822.D\data.ms (-1663) (-)



Abundance Scan 1985 (21.293 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: BN017822.D

Acq: 09 Dec 2021 06:23

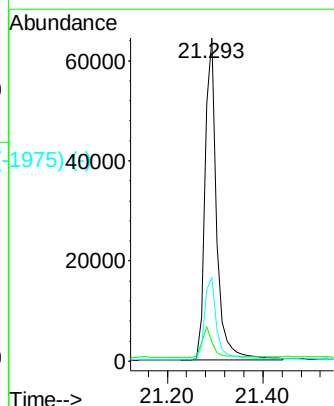
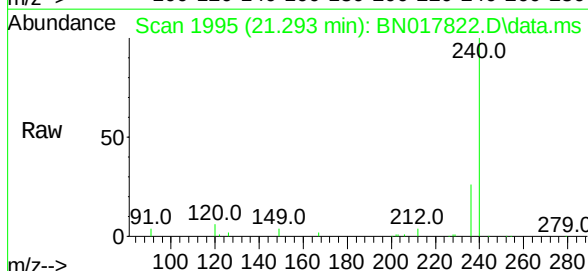
Tgt Ion:240 Resp: 107734

Ion Ratio Lower Upper

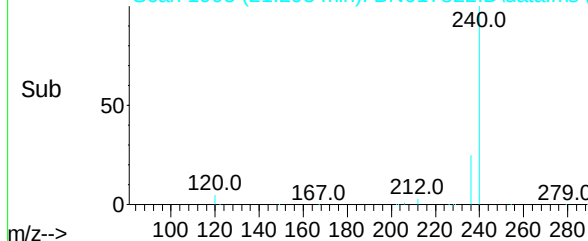
240 100

120 5.9 7.9 11.9#

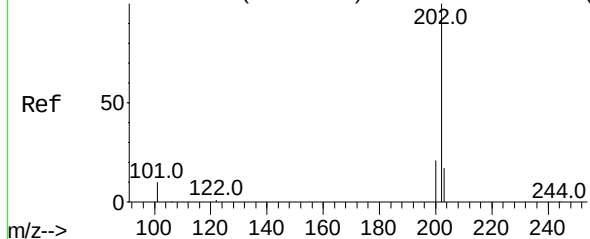
236 26.0 21.4 32.2



Abundance Scan 1995 (21.293 min): BN017822.D\data.ms (-1975) (-)



Abundance Scan 1767 (19.522 min): BN017764.D\data.ms (-1730) (-)



Pyrene

Concen: 0.03 ng

RT: 19.521 min Scan#

Delta R.T. -0.001 min

Lab File: BN017822.D

Acq: 09 Dec 2021 06:23

Instrument :

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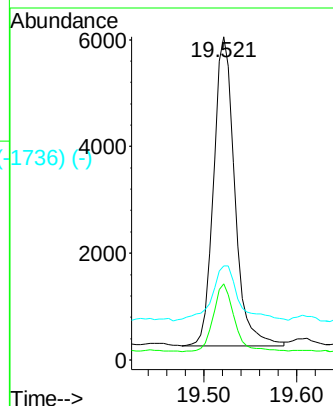
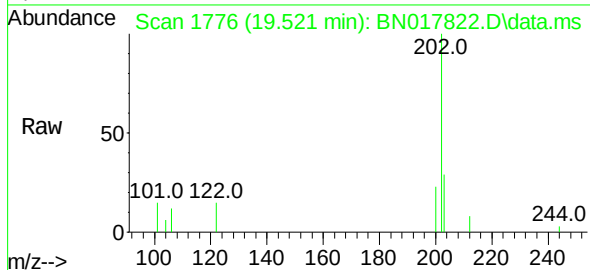
Tgt Ion:202 Resp: 9058

Ion Ratio Lower Upper

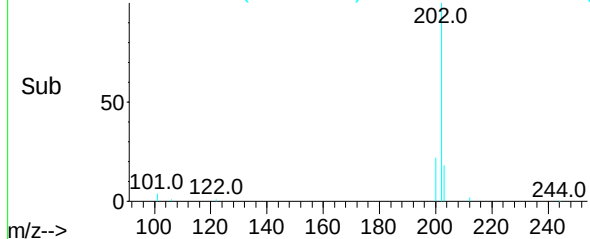
202 100

200 21.8 16.5 24.7

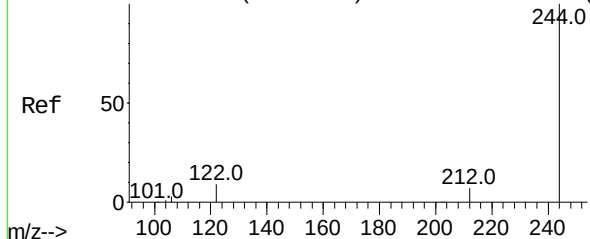
203 23.0 14.0 21.0#



Abundance Scan 1776 (19.521 min): BN017822.D\data.ms (-1736) (-)



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



Terphenyl-d14

Concen: 0.47 ng

RT: 19.730 min Scan# 1818

Delta R.T. -0.006 min

Lab File: BN017822.D

Acq: 09 Dec 2021 06:23

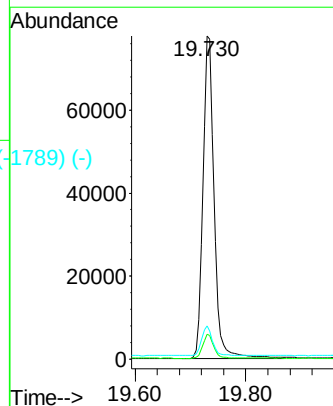
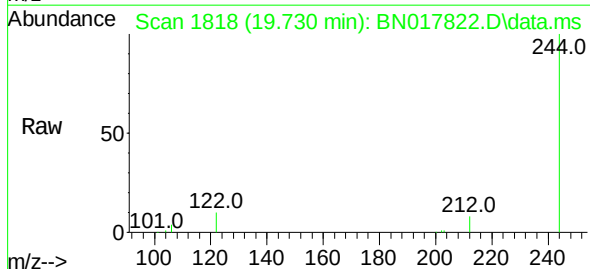
Tgt Ion:244 Resp: 109518

Ion Ratio Lower Upper

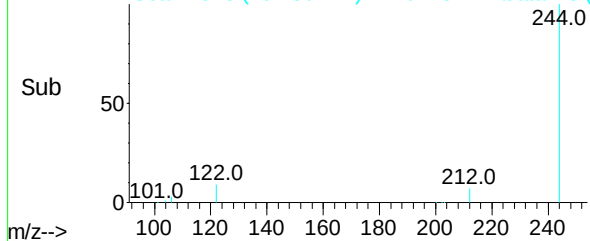
244 100

212 7.7 5.8 8.8

122 10.2 7.1 10.7



Abundance Scan 1818 (19.730 min): BN017822.D\data.ms (-1789) (-)



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

Bis(2-ethylhexyl)phthalate

Concen: 0.26 ng

RT: 21.218 min Scan# 1988

Delta R.T. -0.001 min

Lab File: BN017822.D

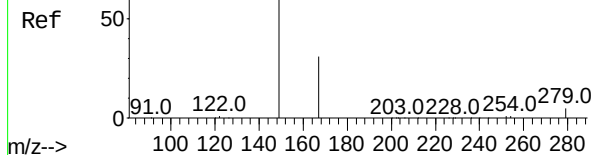
Acq: 09 Dec 2021 06:23

Instrument :

BNA_N

ClientSampleId :

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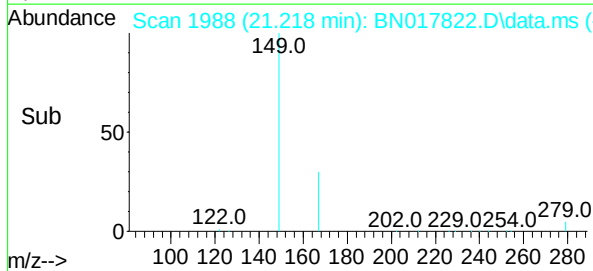
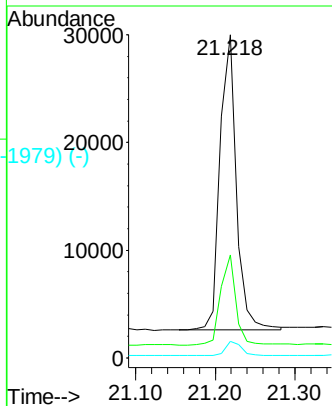
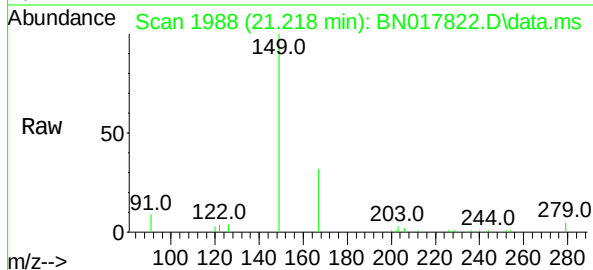
Tgt Ion:149 Resp: 38624

Ion Ratio Lower Upper

149 100

167 28.8 23.5 35.3

279 4.9 3.8 5.6



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

Perylene-d12

Concen: 0.40 ng

RT: 23.585 min Scan# 2444

Delta R.T. 0.003 min

Lab File: BN017822.D

Acq: 09 Dec 2021 06:23

Tgt Ion:264 Resp: 85037

Ion Ratio Lower Upper

264 100

260 25.1 20.0 30.0

265 23.9 20.5 30.7

