

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
 Data File : BN017847.D
 Acq On : 09 Dec 2021 22:42
 Operator : CG/JU
 Sample : M4923-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20211130

Quant Time: Dec 10 06:50:09 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)

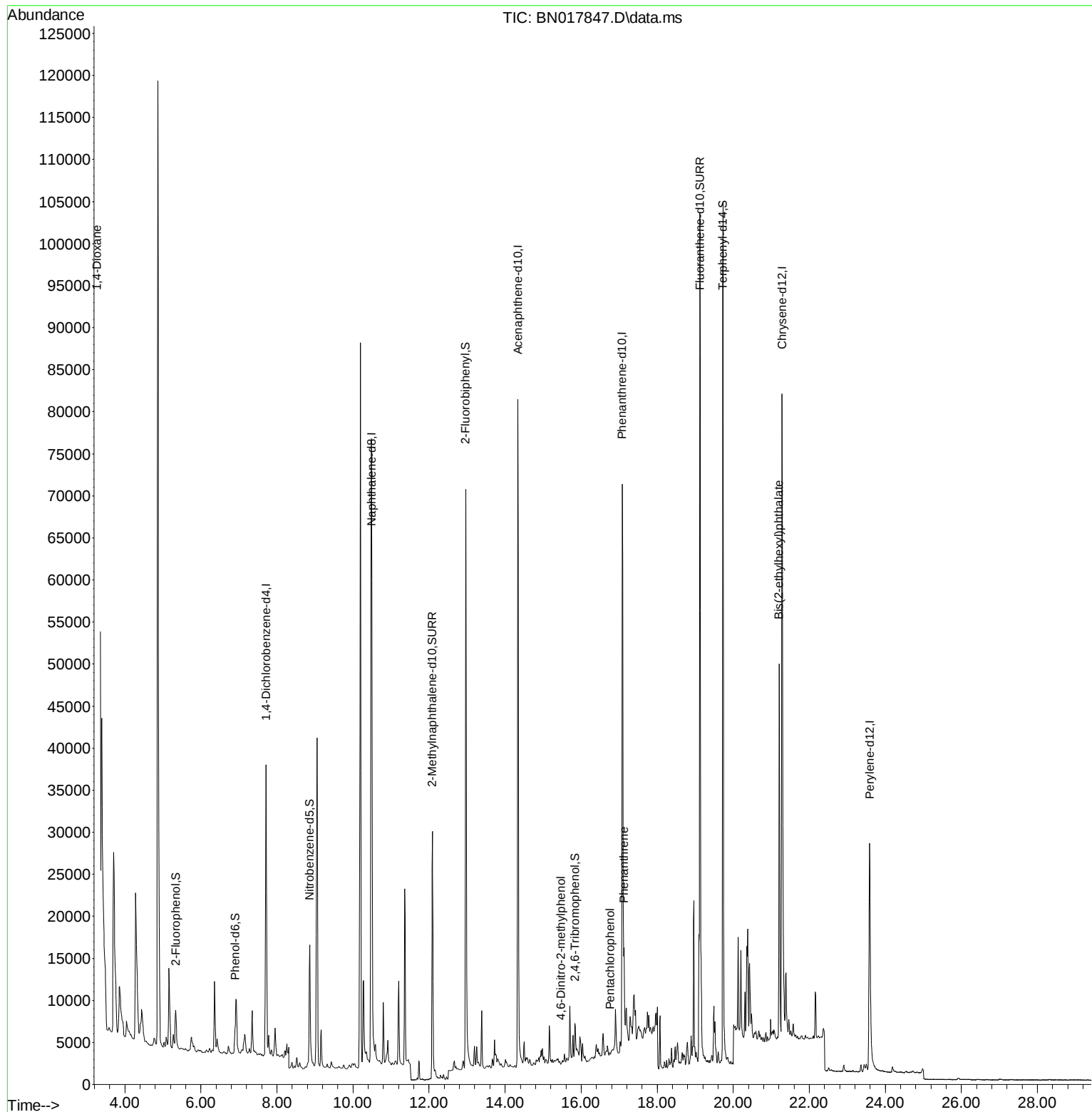
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	20102	0.40	ng	0.00
7) Naphthalene-d8	10.494	136	80773	0.40	ng	0.00
13) Acenaphthene-d10	14.335	164	53520	0.40	ng	-0.01
19) Phenanthrene-d10	17.080	188	113346	0.40	ng	#-0.01
29) Chrysene-d12	21.282	240	97429	0.40	ng	0.00
35) Perylene-d12	23.586	264	49720	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	5217	0.11	ng	0.00
5) Phenol-d6	6.903	99	2906	0.06	ng	0.00
8) Nitrobenzene-d5	8.859	82	15436	0.29	ng	0.00
11) 2-Methylnaphthalene-d10	12.085	152	41415	0.26	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	5138	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	63743	0.33	ng	0.00
27) Fluoranthene-d10	19.124	212	129492	0.34	ng	0.00
31) Terphenyl-d14	19.730	244	115974	0.55	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.270	88	82820	11.19	ng	# 100
20) 4,6-Dinitro-2-methylph...	15.464	198	7	0.09	ng	# 3
24) Pentachlorophenol	16.764	266	40	0.28	ng	# 4
25) Phenanthrene	17.129	178	11391	0.04	ng	95
34) Bis(2-ethylhexyl)phtha...	21.208	149	42192	0.31	ng	99

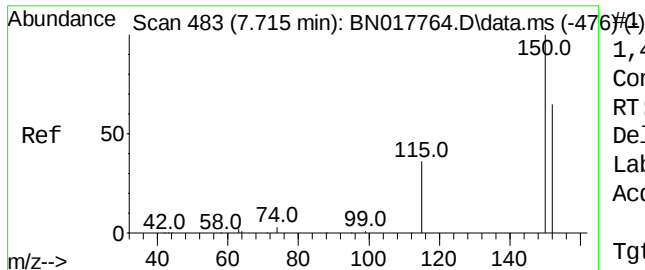
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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1,4-Dichlorobenzene-d4

Concen: 0.40 ng

RT: 7.715 min Scan# 4

Delta R.T. -0.000 min

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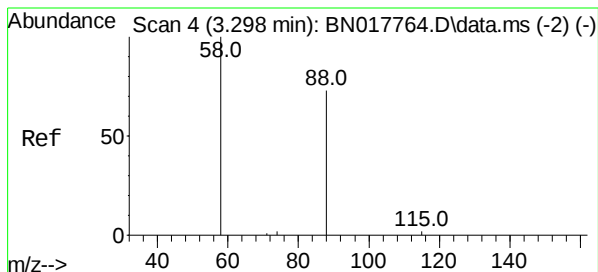
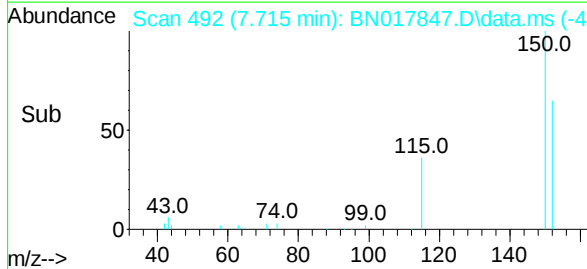
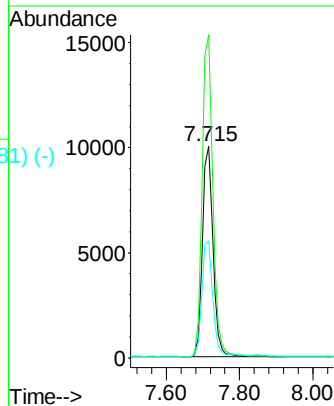
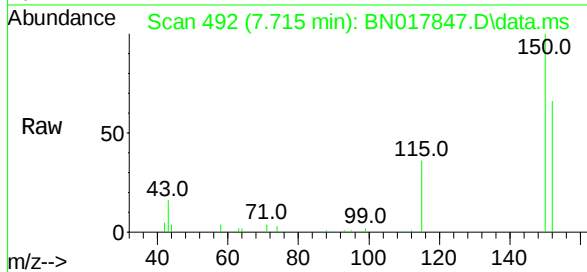
Tgt Ion:152 Resp: 20102

Ion Ratio Lower Upper

152 100

150 152.4 123.0 184.4

115 55.3 45.3 67.9



#2

1,4-Dioxane

Concen: 11.19 ng

RT: 3.270 min Scan# 10

Delta R.T. -0.028 min

Lab File: BN017847.D

Acq: 09 Dec 2021 22:42

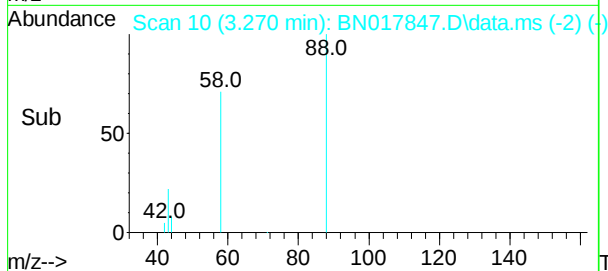
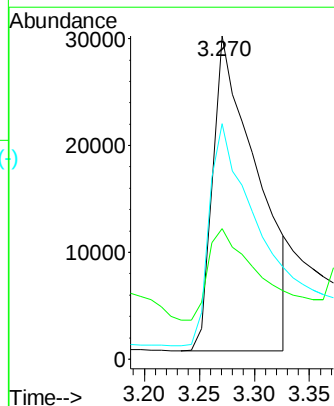
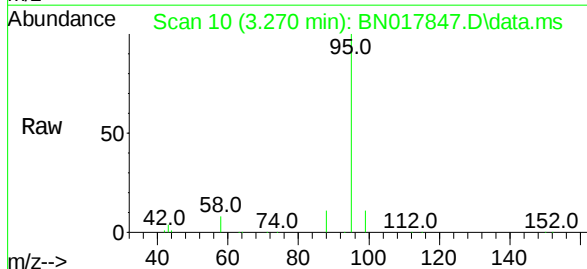
Tgt Ion: 88 Resp: 82820

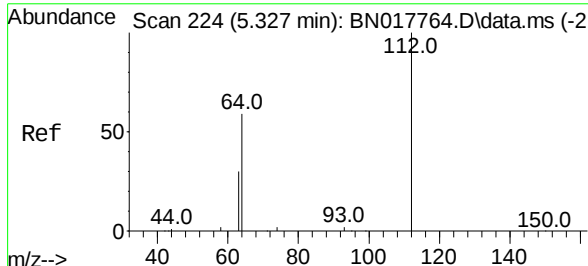
Ion Ratio Lower Upper

88 100

43 30.3 0.0 0.0#

58 73.6 0.0 0.0#





2-Fluorophenol

Concen: 0.11 ng

RT: 5.336 min Scan# 1

Delta R.T. 0.009 min

Lab File: BN017847.D

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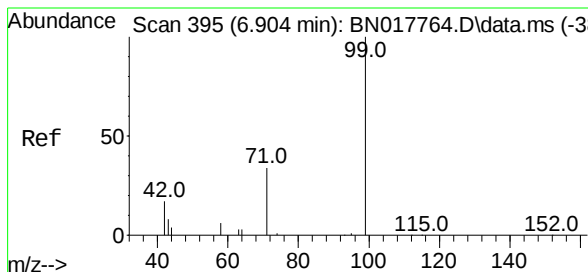
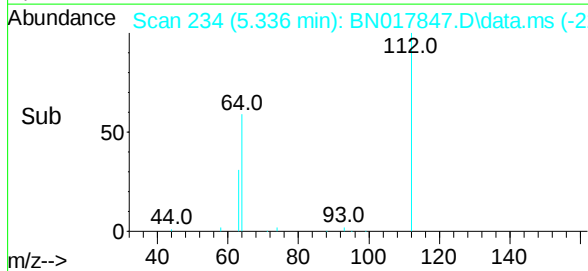
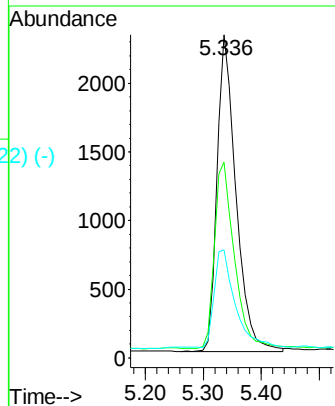
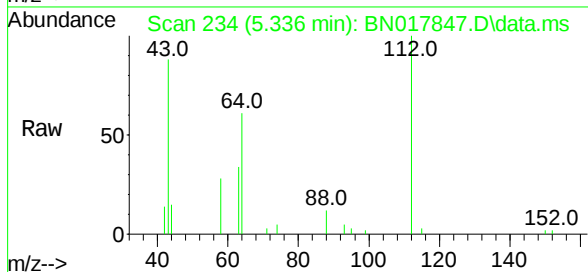
Tgt Ion:112 Resp: 5217

Ion Ratio Lower Upper

112 100

64 61.5 49.3 73.9

63 33.8 25.8 38.8



Phenol-d6

Concen: 0.06 ng

RT: 6.903 min Scan# 404

Delta R.T. -0.000 min

Lab File: BN017847.D

Acq: 09 Dec 2021 22:42

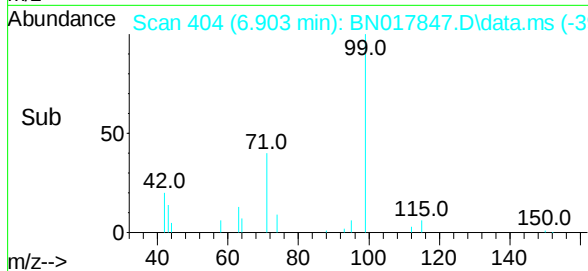
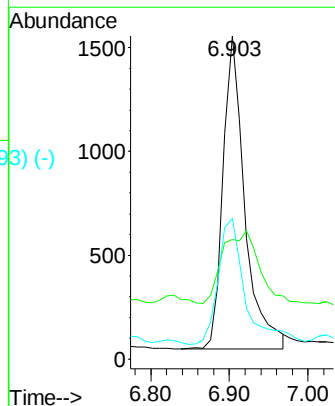
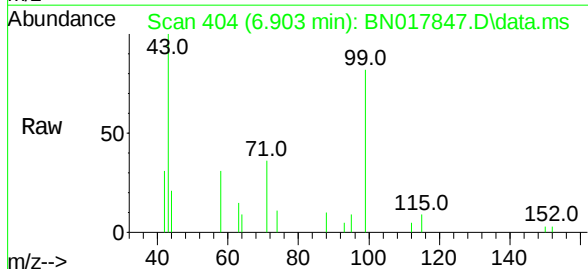
Tgt Ion: 99 Resp: 2906

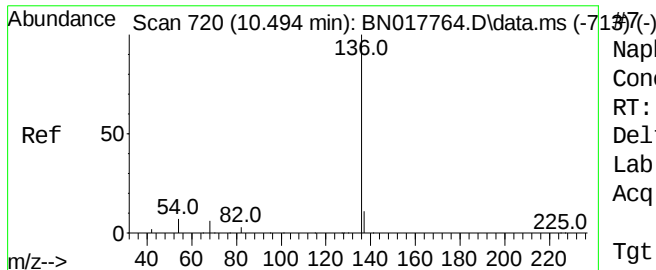
Ion Ratio Lower Upper

99 100

42 38.4 16.6 25.0#

71 48.8 29.0 43.4#





Naphthalene-d8

Concen: 0.40 ng

RT: 10.494 min Scan#

Delta R.T. -0.000 min

Lab File: BN017847.D

Acq: 09 Dec 2021 22:42

Instrument :

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ClientSampleId :

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Tgt Ion:136 Resp: 80773

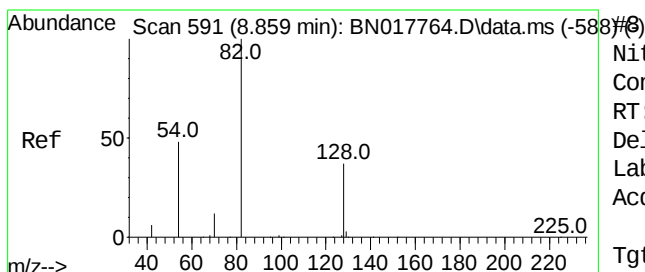
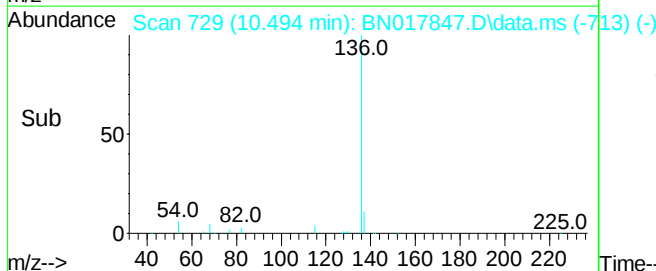
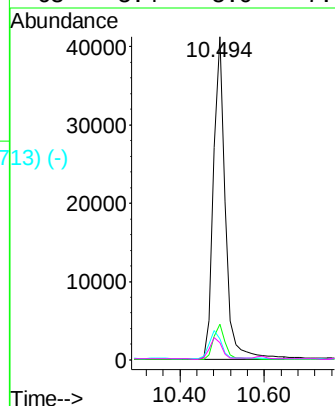
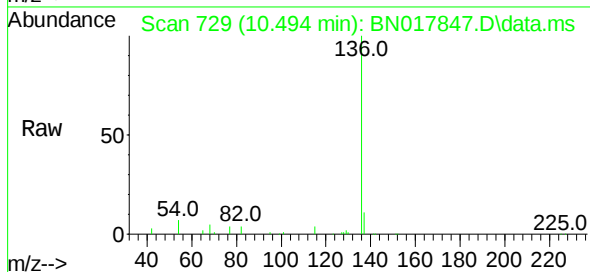
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 6.5 5.9 8.9

68 5.4 5.0 7.6



Nitrobenzene-d5

Concen: 0.29 ng

RT: 8.859 min Scan# 600

Delta R.T. -0.000 min

Lab File: BN017847.D

Acq: 09 Dec 2021 22:42

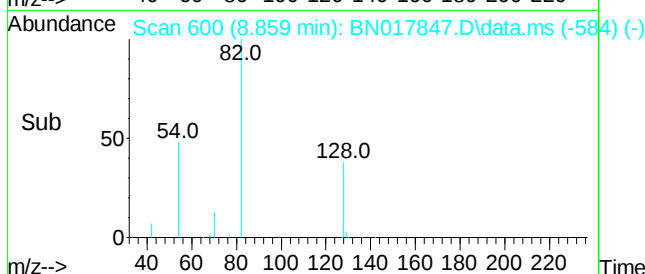
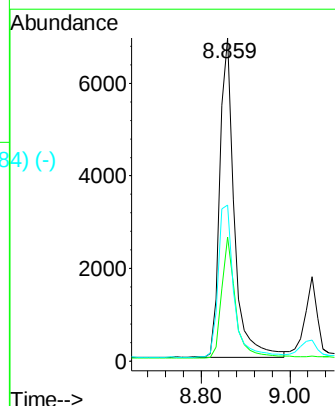
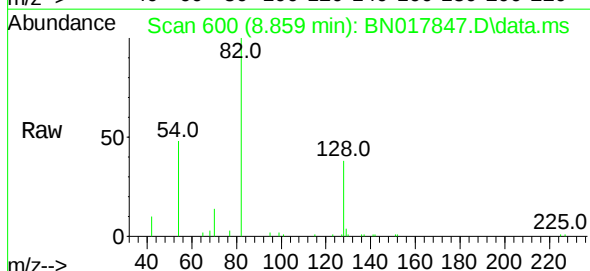
Tgt Ion: 82 Resp: 15436

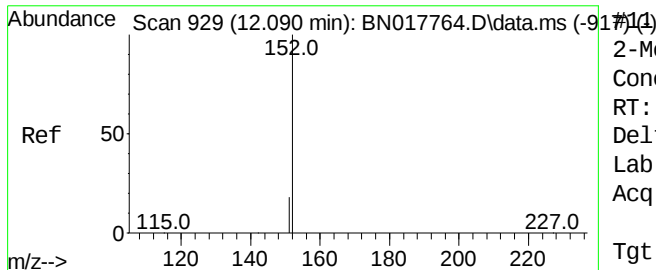
Ion Ratio Lower Upper

82 100

128 38.5 30.2 45.2

54 48.3 39.0 58.6

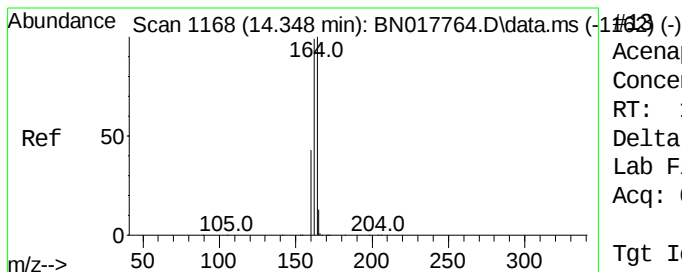
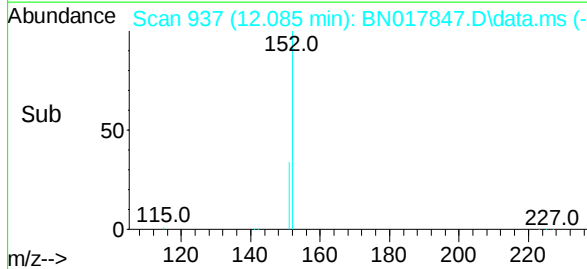
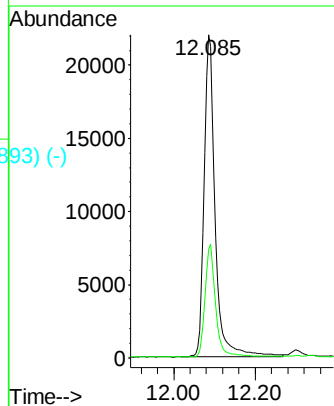
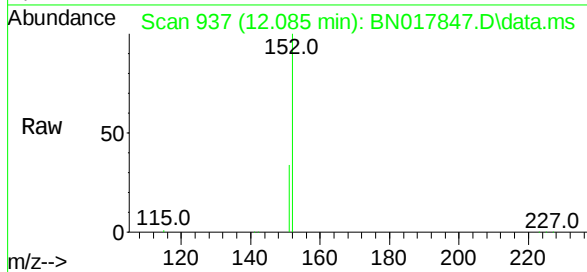




2-Methylnaphthalene-d10
 Concen: 0.26 ng
 RT: 12.085 min Scan# 937
 Delta R.T. -0.005 min
 Lab File: BN017847.D
 Acq: 09 Dec 2021 22:42

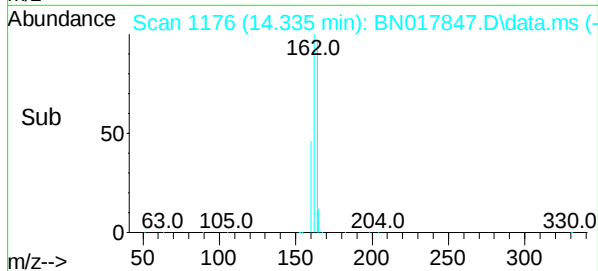
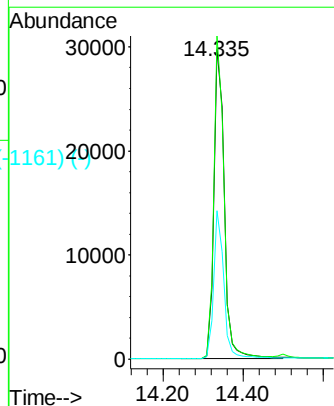
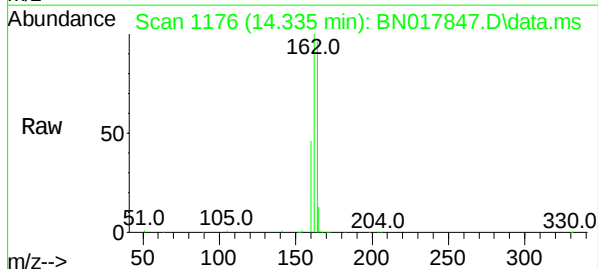
Instrument :
 BNA_N
 ClientSampleId :
 RE103D1-20211130

Tgt Ion:152 Resp: 41415
 Ion Ratio Lower Upper
 152 100
 151 33.9 16.4 24.6#



Acenaphthene-d10
 Concen: 0.40 ng
 RT: 14.335 min Scan# 1176
 Delta R.T. -0.013 min
 Lab File: BN017847.D
 Acq: 09 Dec 2021 22:42

Tgt Ion:164 Resp: 53520
 Ion Ratio Lower Upper
 164 100
 162 104.3 79.0 118.6
 160 47.9 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# 1

Delta R.T. -0.000 min

Lab File: BN017847.D

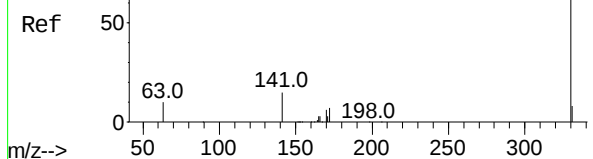
Acq: 09 Dec 2021 22:42

Instrument :

BNA_N

ClientSampleId :

RE103D1-20211130



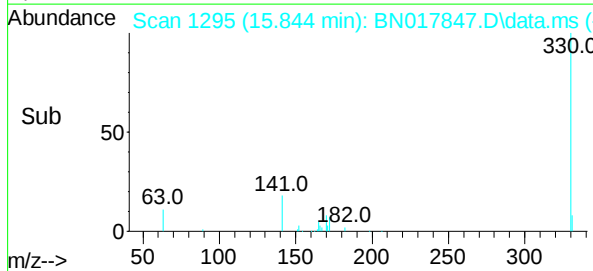
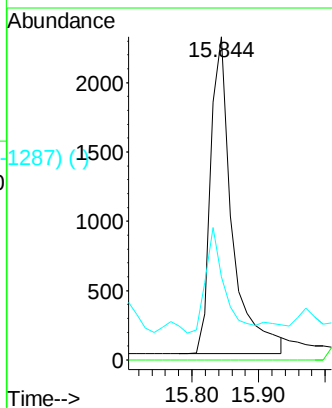
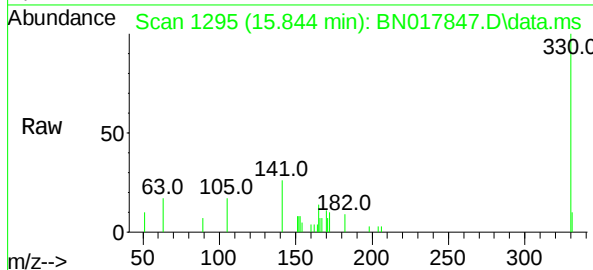
Tgt Ion:330 Resp: 5138

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

141 28.9 21.5 32.3



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

2-Fluorobiphenyl

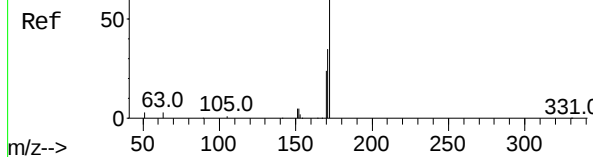
Concen: 0.33 ng

RT: 12.964 min Scan# 1068

Delta R.T. -0.000 min

Lab File: BN017847.D

Acq: 09 Dec 2021 22:42



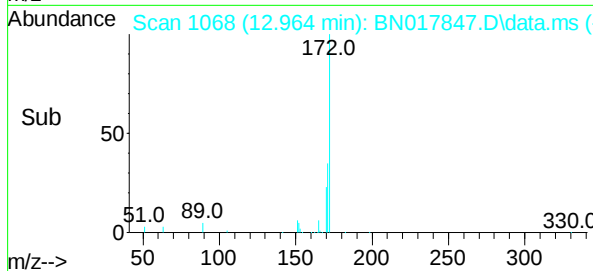
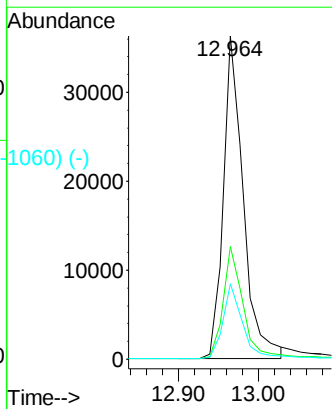
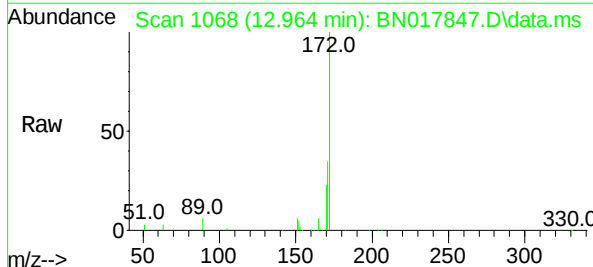
Tgt Ion:172 Resp: 63743

Ion Ratio Lower Upper

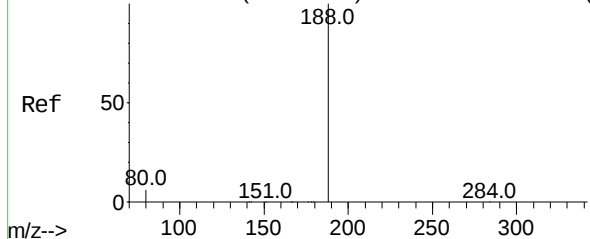
172 100

171 34.8 28.1 42.1

170 23.3 18.9 28.3



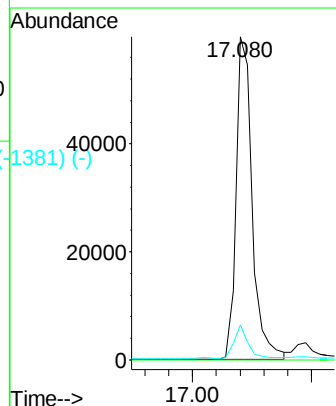
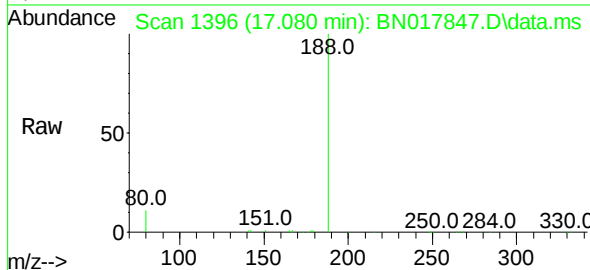
Abundance Scan 1388 (17.093 min): BN017764.D\data.ms (-1388) (-)



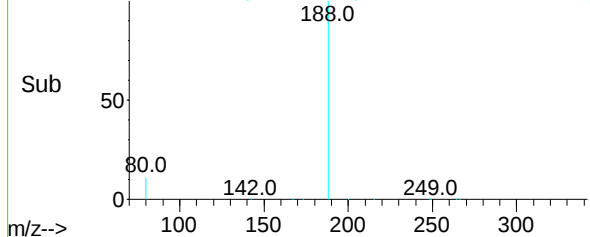
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.080 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BN017847.D
Acq: 09 Dec 2021 22:42

Instrument :
BNA_N
ClientSampleId :
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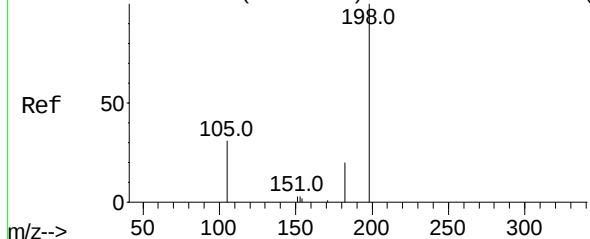
Tgt Ion:188 Resp: 113346
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.0 5.1 7.7#



Abundance Scan 1396 (17.080 min): BN017847.D\data.ms (-1381) (-)

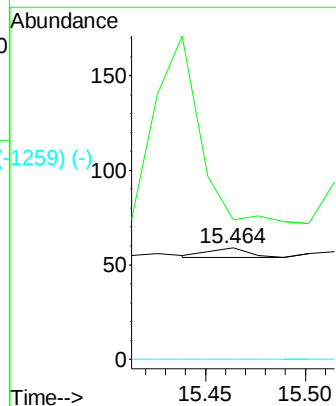
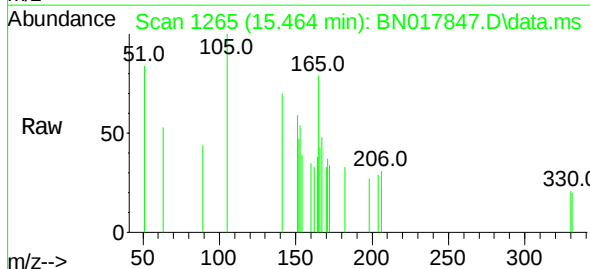


Abundance Scan 1258 (15.489 min): BN017764.D\data.ms (-1258) (-)

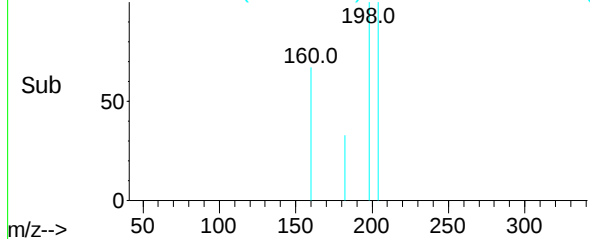


4,6-Dinitro-2-methylphenol
Concen: 0.09 ng
RT: 15.464 min Scan# 1265
Delta R.T. -0.025 min
Lab File: BN017847.D
Acq: 09 Dec 2021 22:42

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
182 125.4 44.2 66.2#
77 0.0 0.0 0.0



Abundance Scan 1265 (15.464 min): BN017847.D\data.ms (-1259) (-)



Abundance Scan 1361 (16.764 min): BN017764.D\data.ms (-1324) (-)

Pentachlorophenol

Concen: 0.28 ng

RT: 16.764 min Scan# 1361

Delta R.T. -0.000 min

Lab File: BN017847.D

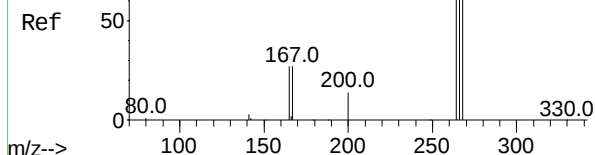
Acq: 09 Dec 2021 22:42

Instrument :

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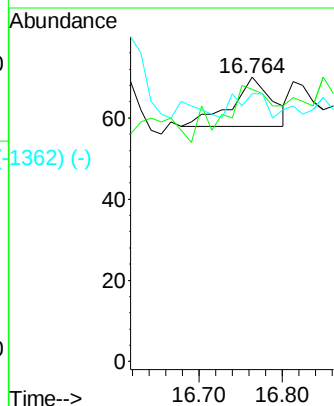
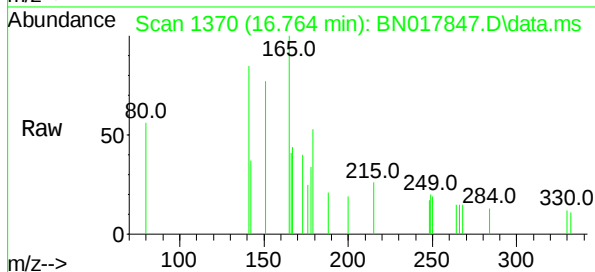
Tgt Ion:266 Resp: 40

Ion Ratio Lower Upper

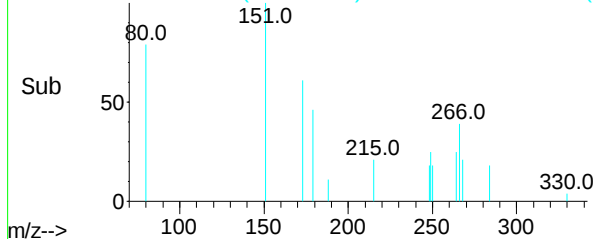
266 100

264 150.0 50.8 76.2#

268 0.0 51.8 77.6#



Abundance Scan 1370 (16.764 min): BN017847.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# 1400

Delta R.T. -0.000 min

Lab File: BN017847.D

Acq: 09 Dec 2021 22:42

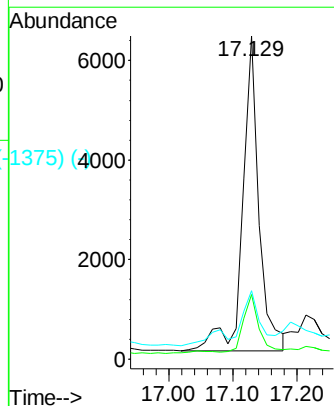
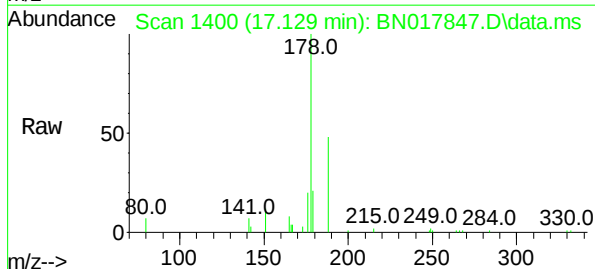
Tgt Ion:178 Resp: 11391

Ion Ratio Lower Upper

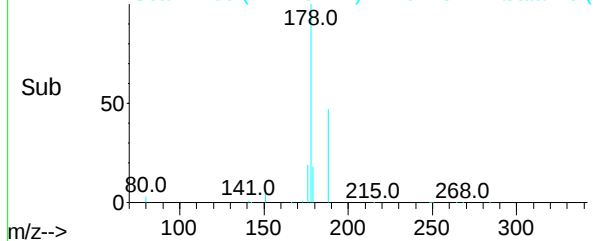
178 100

176 16.8 15.0 22.6

179 13.6 12.5 18.7



Abundance Scan 1400 (17.129 min): BN017847.D\data.ms (-1375) (-)



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

Fluoranthene-d10

Concen: 0.34 ng

RT: 19.124 min Scan# 1625

Delta R.T. -0.005 min

Lab File: BN017847.D

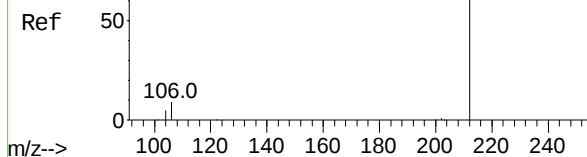
Acq: 09 Dec 2021 22:42

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RE103D1-20211130



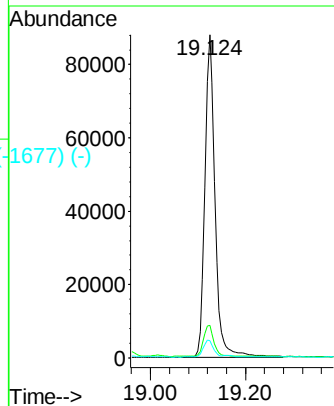
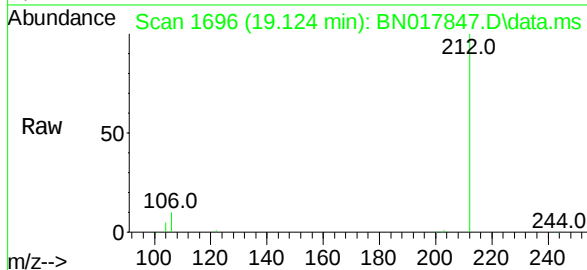
Tgt Ion:212 Resp: 129492

Ion Ratio Lower Upper

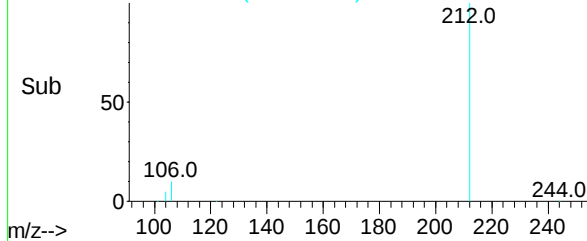
212 100

106 9.6 8.2 12.2

104 5.3 4.6 6.8



Abundance Scan 1696 (19.124 min): BN017847.D\data.ms (-1677) (-)



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

Chrysene-d12

Concen: 0.40 ng

RT: 21.282 min Scan# 1994

Delta R.T. -0.000 min

Lab File: BN017847.D

Acq: 09 Dec 2021 22:42

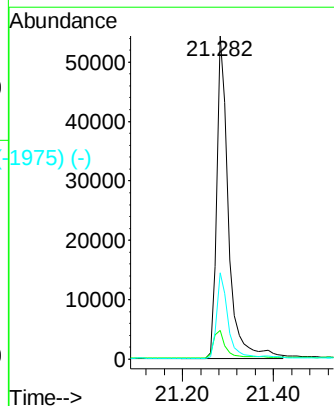
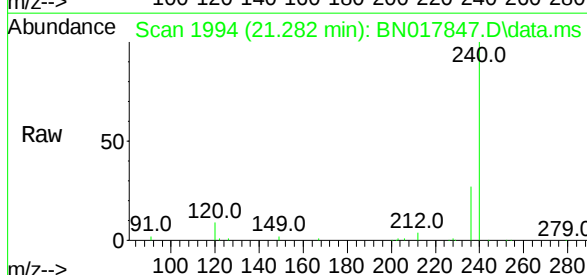
Tgt Ion:240 Resp: 97429

Ion Ratio Lower Upper

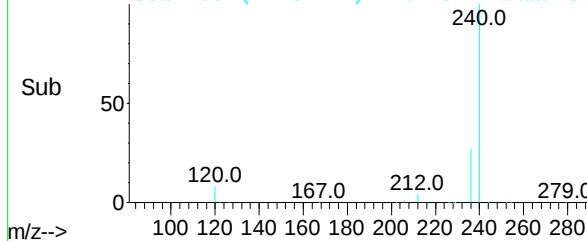
240 100

120 8.8 7.9 11.9

236 26.7 21.4 32.2



Abundance Scan 1994 (21.282 min): BN017847.D\data.ms (-1975) (-)



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

Terphenyl-d14

Concen: 0.55 ng

RT: 19.730 min Scan# 1810

Delta R.T. -0.005 min

Lab File: BN017847.D

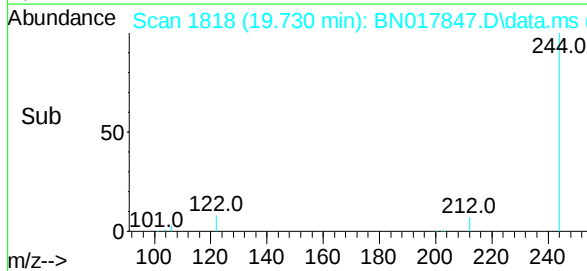
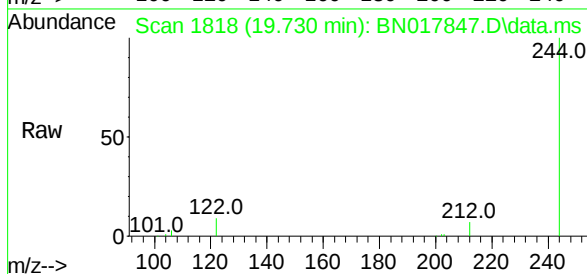
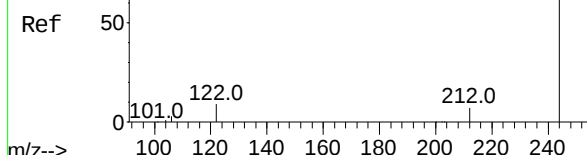
Acq: 09 Dec 2021 22:42

Instrument :

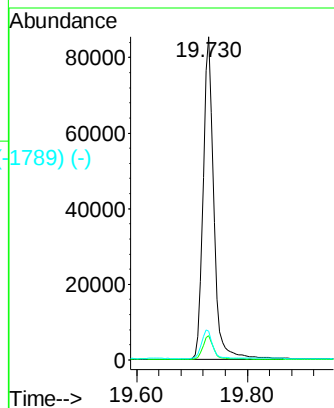
BNA_N

ClientSampleId :

RE103D1-20211130



Tgt Ion:	244	Resp:	115974
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	8.9	7.1	10.7



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

Bis(2-ethylhexyl)phthalate

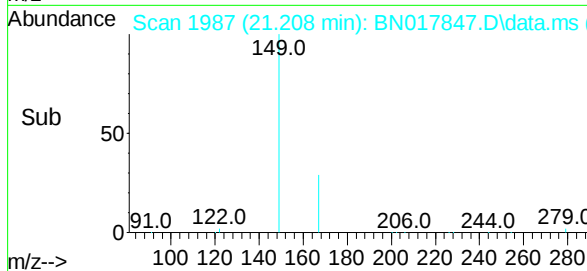
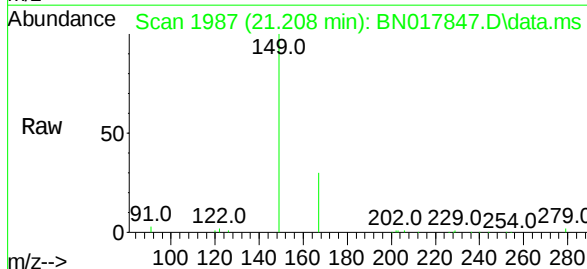
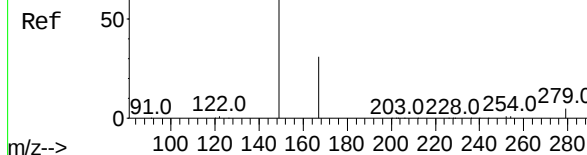
Concen: 0.31 ng

RT: 21.208 min Scan# 1987

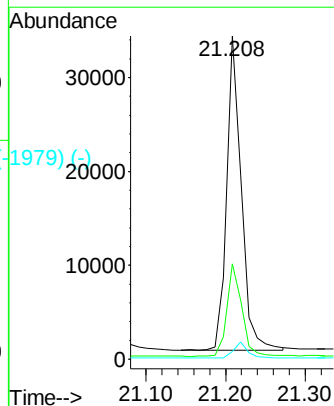
Delta R.T. -0.011 min

Lab File: BN017847.D

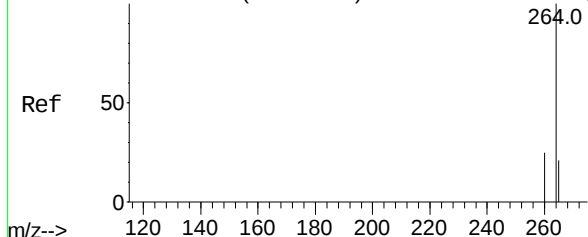
Acq: 09 Dec 2021 22:42



Tgt Ion:	149	Resp:	42192
Ion	Ratio	Lower	Upper
149	100		
167	30.0	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: 23.586 min Scan# 1

Delta R.T. 0.003 min

Lab File: BN017847.D

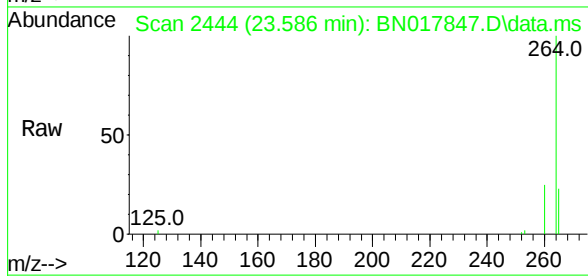
Acq: 09 Dec 2021 22:42

Instrument :

BNA_N

ClientSampleId :

RE103D1-20211130



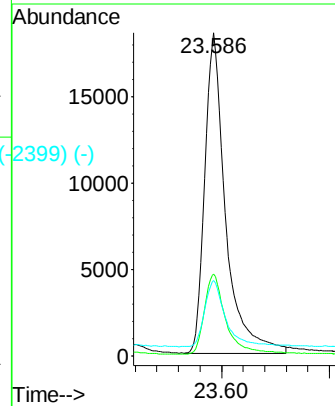
Tgt Ion:264 Resp: 49720

Ion Ratio Lower Upper

264 100

260 25.3 20.0 30.0

265 23.4 20.5 30.7



Abundance Scan 2444 (23.586 min): BN017847.D\data.ms (-2399) (-)

