

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
 Data File : BN003343.D
 Acq On : 29 Oct 2018 21:52
 Operator : MJ/SJ
 Sample : J5692-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ171I-20181024

Quant Time: Oct 30 06:46:20 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 16:15:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	16455	0.40	ng	0.00
7) Naphthalene-d8	10.66	136	72809	0.40	ng	-0.01
13) Acenaphthene-d10	14.49	164	49634	0.40	ng	-0.01
19) Phenanthrene-d10	17.24	188	116050	0.40	ng	0.00
27) Chrysene-d12	21.42	240	119302	0.40	ng	0.00
34) Perylene-d12	23.73	264	100225	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.42	112	7018	0.17	ng	0.00
5) Phenol-d6	7.01	99	5425	0.11	ng	0.00
8) Nitrobenzene-d5	8.91	82	671	0.02	ng	-0.11
11) 2-Methylnaphthalene-d10	12.24	152	39522	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.98	330	10376	0.53	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	68883	0.32	ng	-0.01
25) Fluoranthene-d10	19.26	212	107794	0.32	ng	-0.01
29) Terphenyl-d14	19.86	244	120625	0.43	ng	-0.01

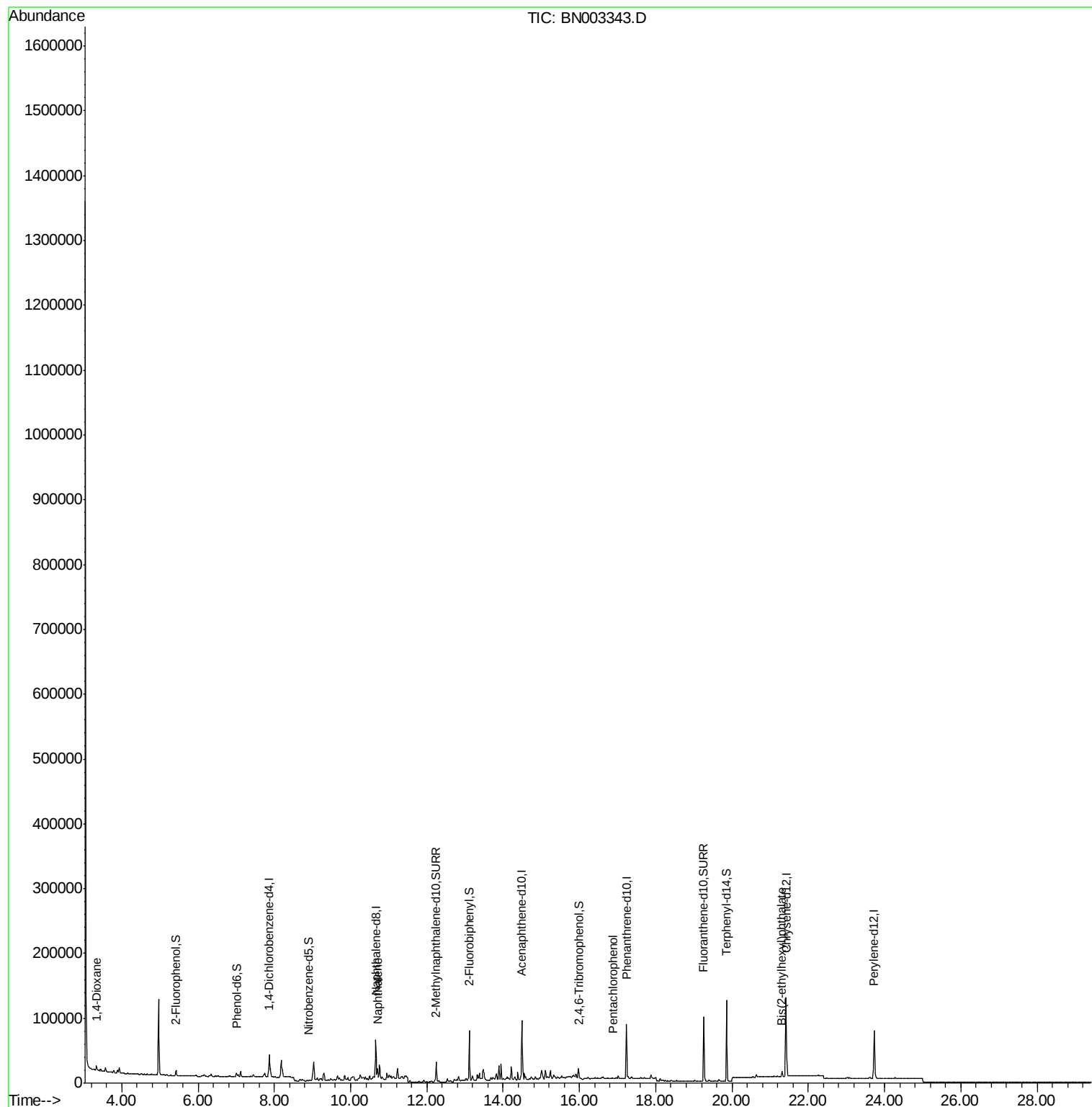
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.34	88	4775	0.224	ng	# 84
9) Naphthalene	10.71	128	9341	0.052	ng	# 50
22) Pentachlorophenol	16.88	266	502	0.026	ng	94
32) Bis(2-ethylhexyl)phthalate	21.31	149	8570	0.093	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 600

Delta R.T. -0.01 min

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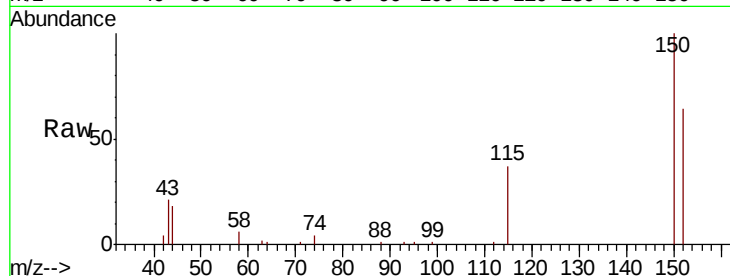
Tgt Ion: 152 Resp: 16455

Ion Ratio Lower Upper

152 100

150 155.2 124.6 187.0

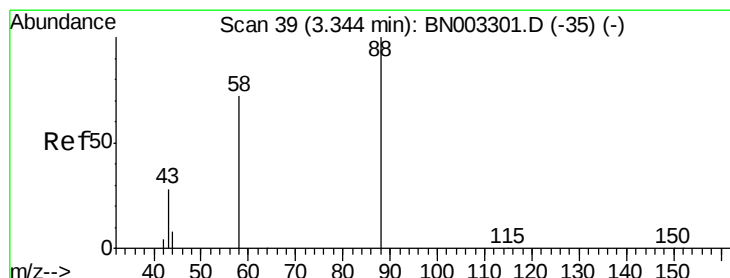
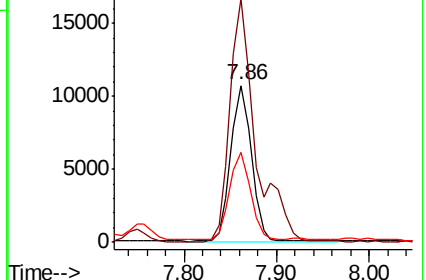
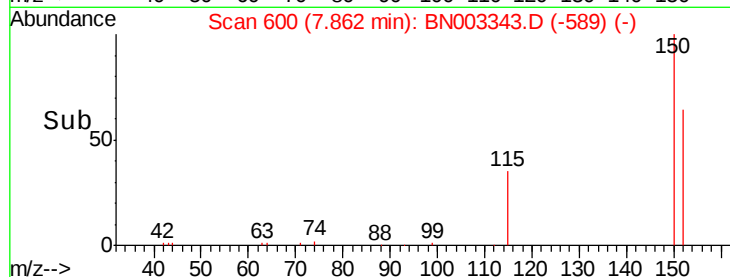
115 57.5 46.4 69.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.224 ng

RT: 3.34 min Scan# 39

Delta R.T. -0.00 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

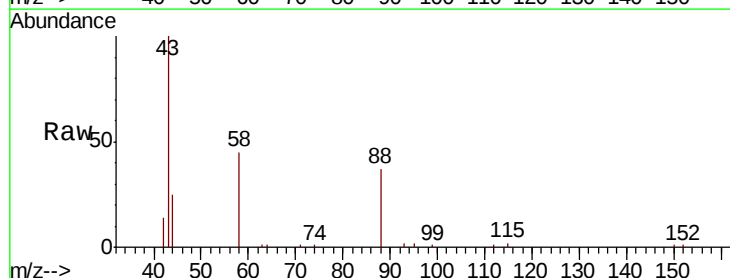
Tgt Ion: 88 Resp: 4775

Ion Ratio Lower Upper

88 100

58 79.4 60.9 91.3

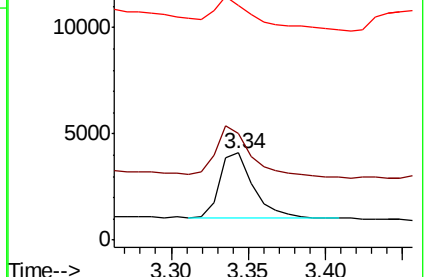
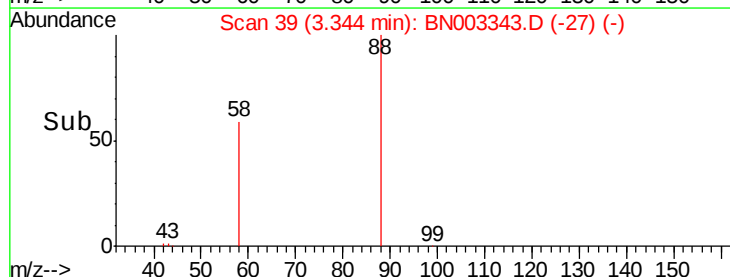
43 55.5 23.9 35.9#

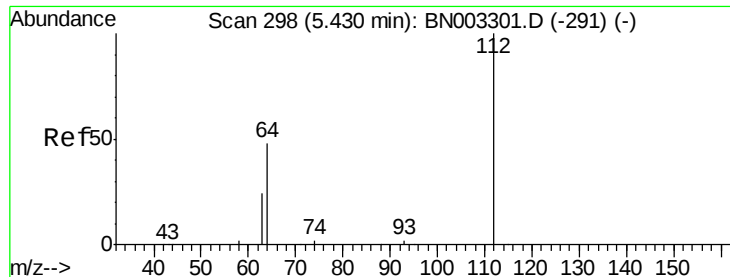


Abundance Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





#4

2-Fluorophenol

Concen: 0.172 ng

RT: 5.42 min Scan# 297

Delta R.T. -0.01 min

Lab File: BN003343.D

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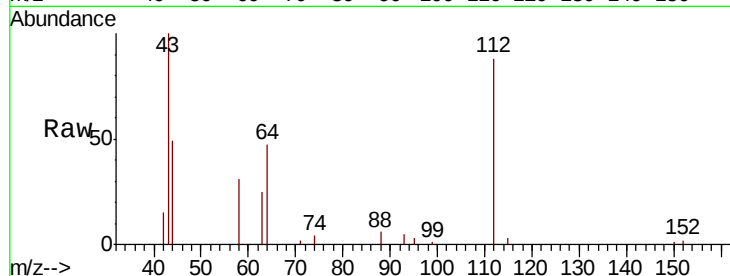
Tgt Ion: 112 Resp: 7018

Ion Ratio Lower Upper

112 100

64 51.6 44.3 66.5

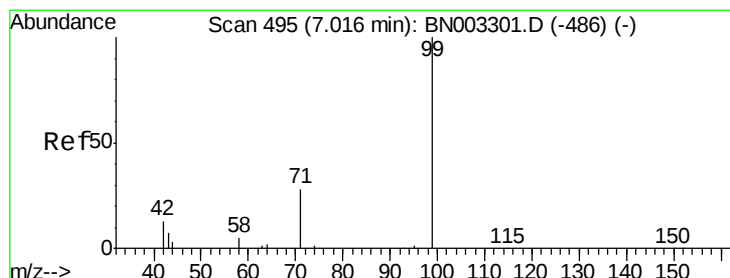
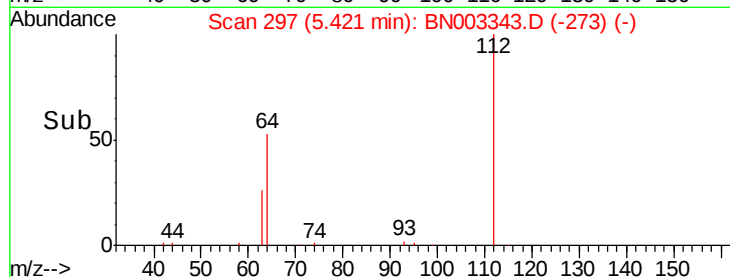
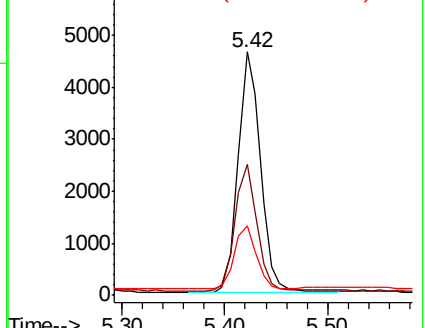
63 25.6 22.4 33.6



Abundance Ion 112.00 (111.70 to 112.70): BNC

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.105 ng

RT: 7.01 min Scan# 494

Delta R.T. -0.01 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

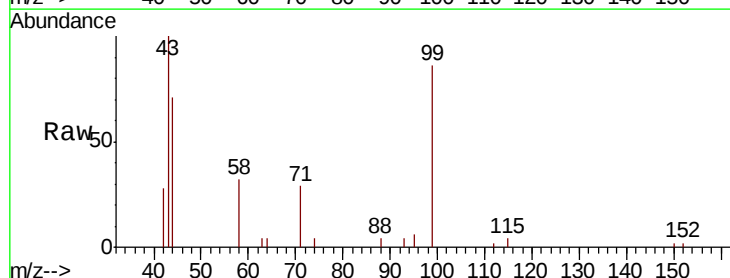
Tgt Ion: 99 Resp: 5425

Ion Ratio Lower Upper

99 100

42 28.1 14.8 22.2#

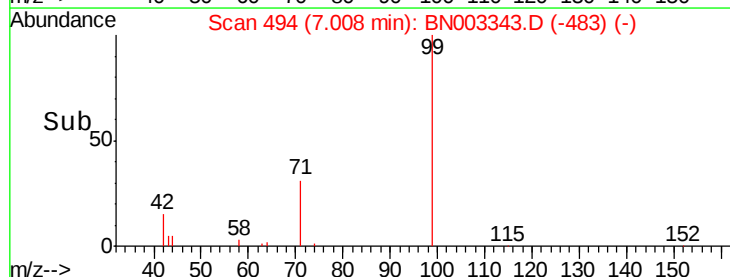
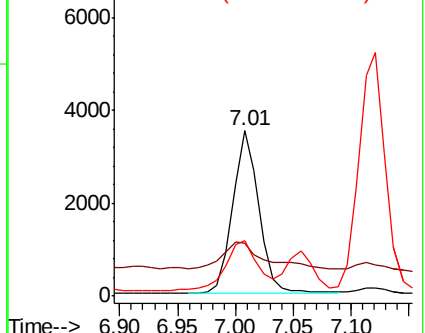
71 37.5 24.8 37.2#

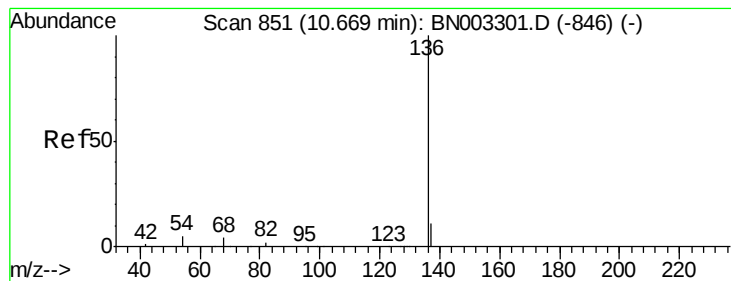


Abundance Ion 99.00 (98.70 to 99.70): BNC

Ion 42.00 (41.70 to 42.70): BNC

Ion 71.00 (70.70 to 71.70): BNC





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.66 min Scan# 850

Delta R.T. -0.01 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

Instrument :

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ClientSampleId :

SA-PZ171I-20181024

Tgt Ion:136 Resp: 72809

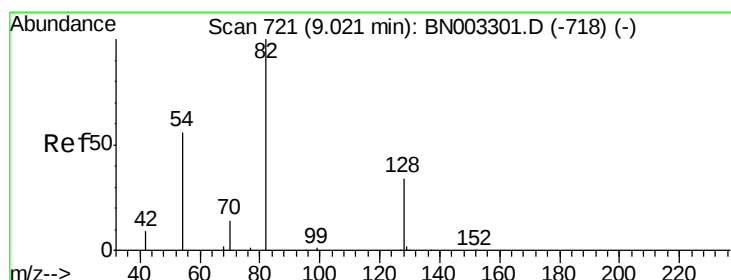
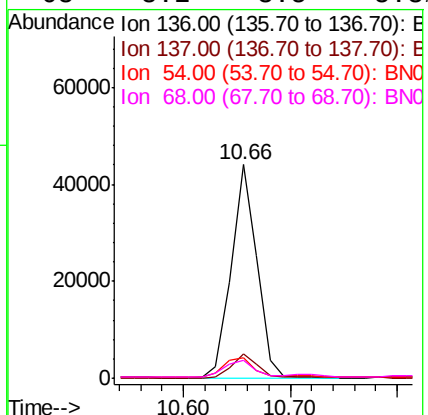
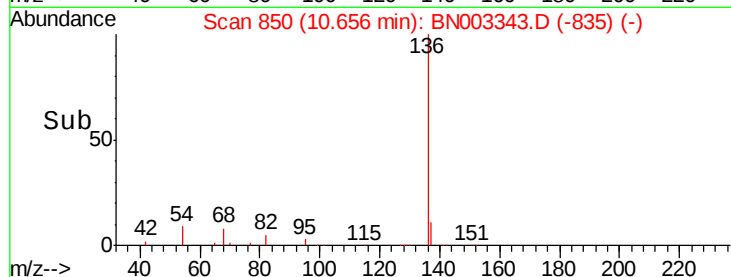
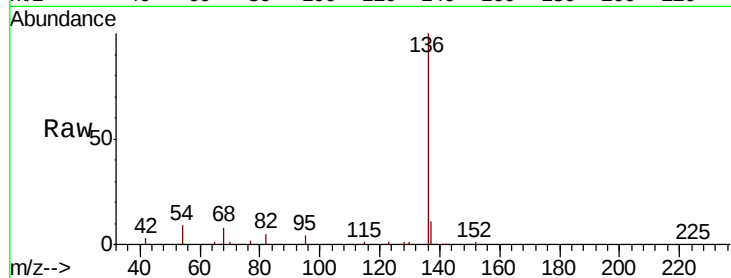
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 9.3 4.1 6.1#

68 8.2 3.5 5.3#



#8

Nitrobenzene-d5

Concen: 0.021 ng

RT: 8.91 min Scan# 712

Delta R.T. -0.11 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

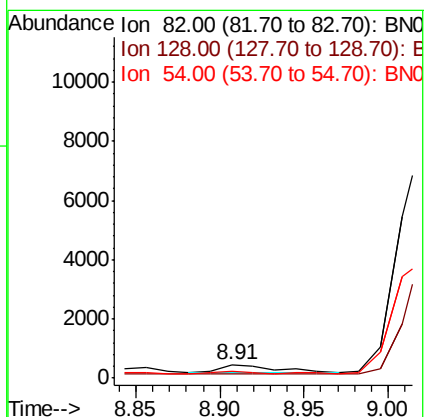
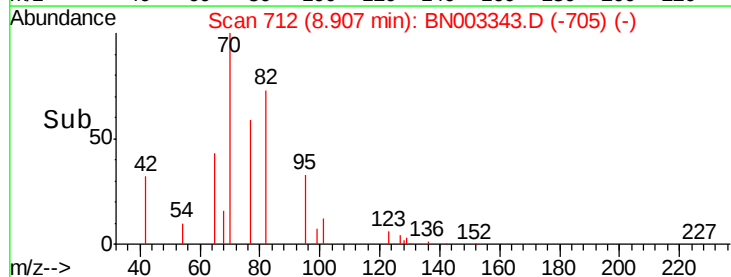
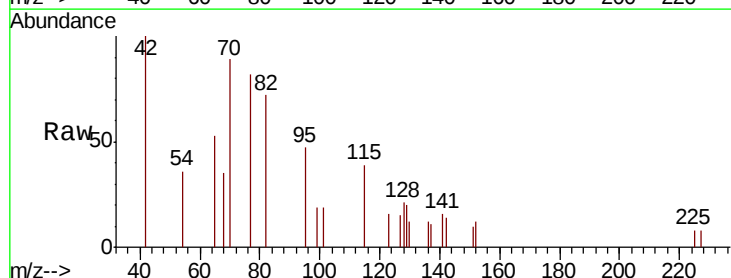
Tgt Ion: 82 Resp: 671

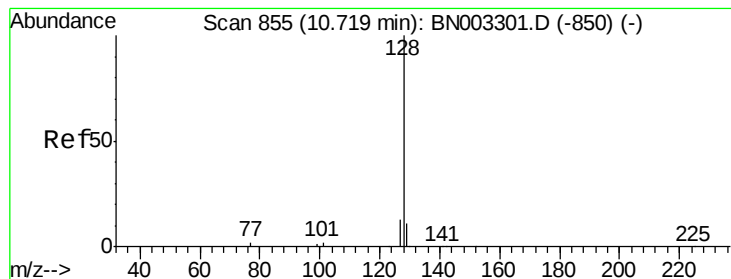
Ion Ratio Lower Upper

82 100

128 29.1 28.9 43.3

54 50.5 46.1 69.1





#9

Naphthalene

Concen: 0.052 ng

RT: 10.71 min Scan# 854

Delta R.T. -0.01 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

Instrument :

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ClientSampleId :

SA-PZ171I-20181024

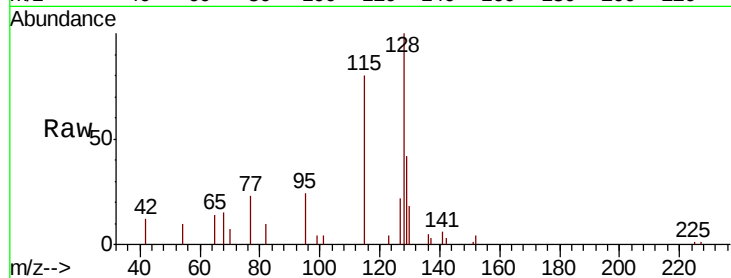
Tgt Ion:128 Resp: 9341

Ion Ratio Lower Upper

128 100

129 42.5 9.1 13.7#

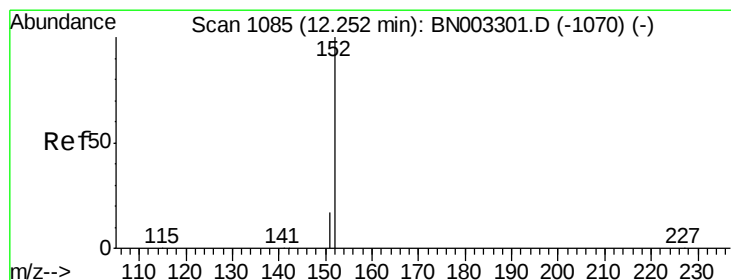
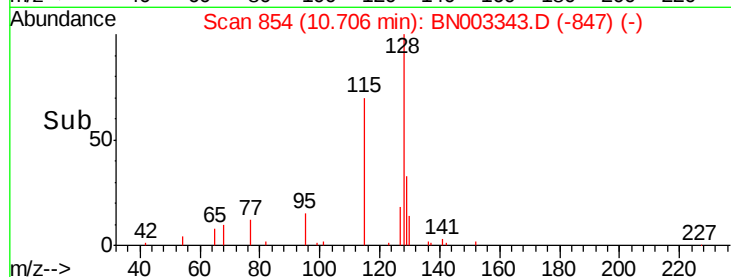
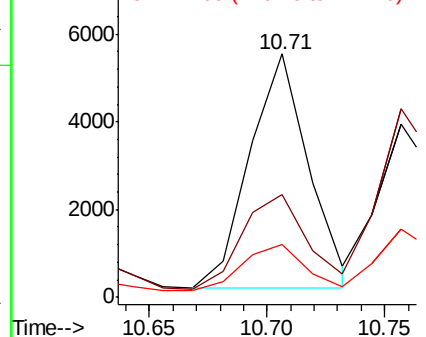
127 21.8 10.2 15.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#11

2-Methylnaphthalene-d10

Concen: 0.333 ng

RT: 12.24 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BN003343.D

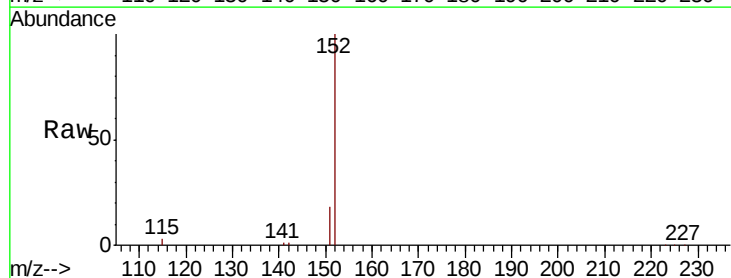
Acq: 29 Oct 2018 21:52

Tgt Ion:152 Resp: 39522

Ion Ratio Lower Upper

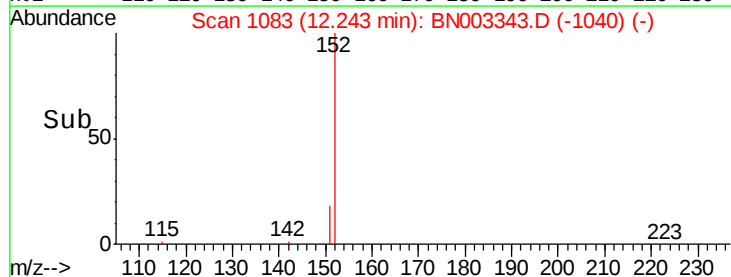
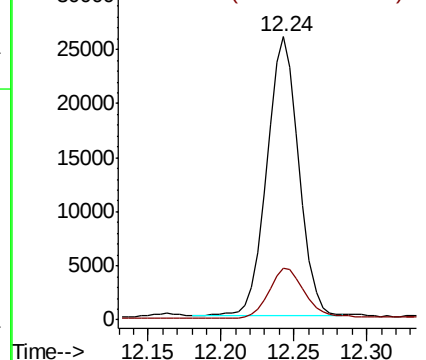
152 100

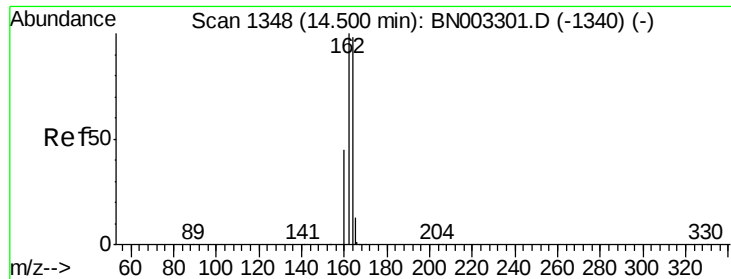
151 21.1 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.49 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

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SA-PZ171I-20181024

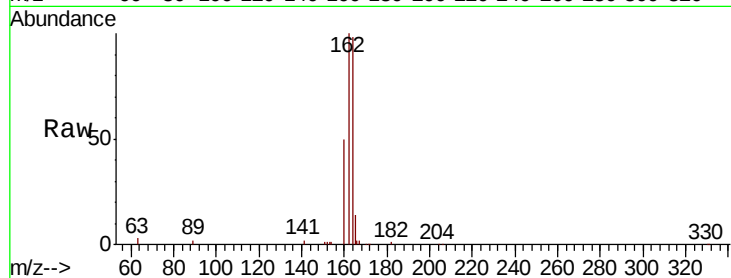
Tgt Ion:164 Resp: 49634

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.6

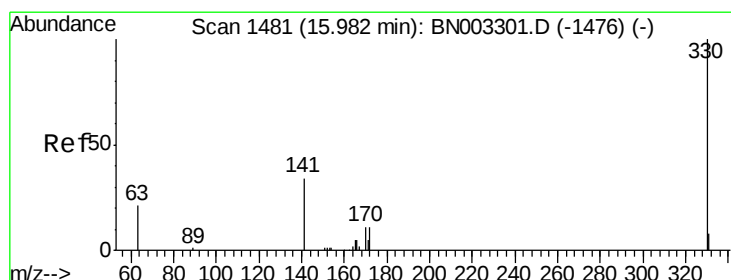
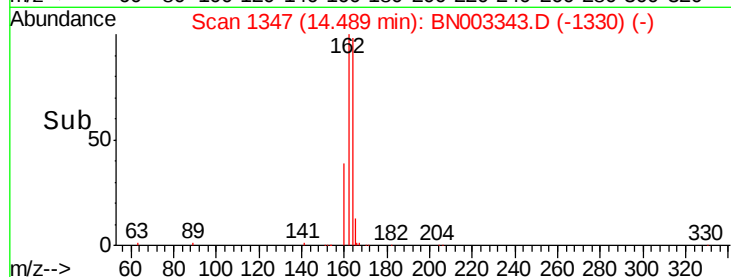
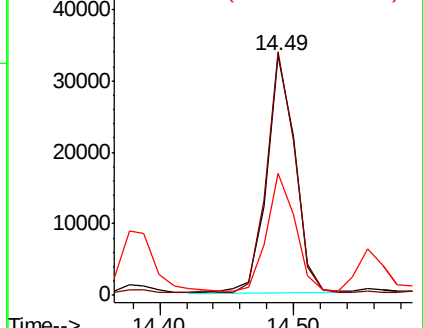
160 51.0 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.525 ng

RT: 15.98 min Scan# 1481

Delta R.T. -0.00 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

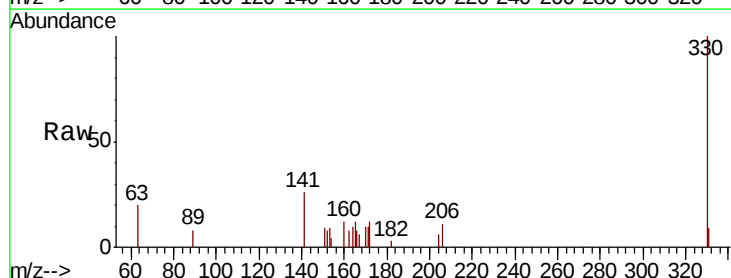
Tgt Ion:330 Resp: 10376

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

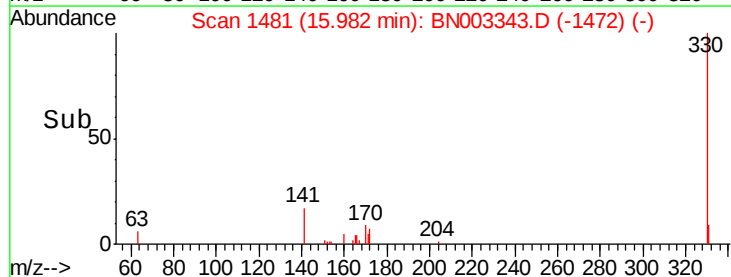
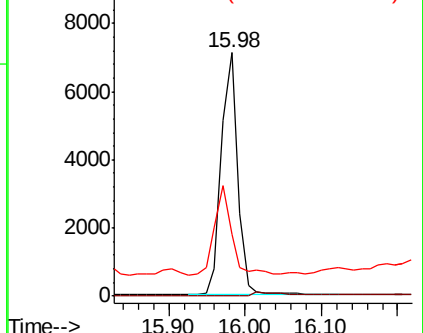
141 39.3 28.3 42.5

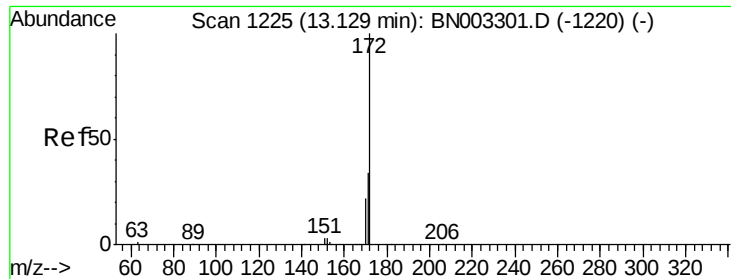


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

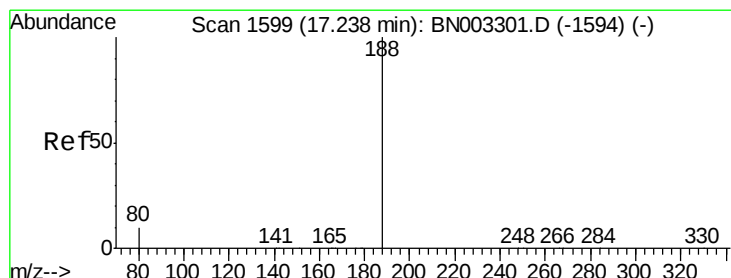
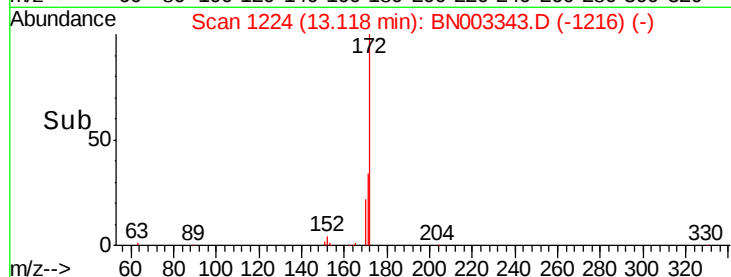
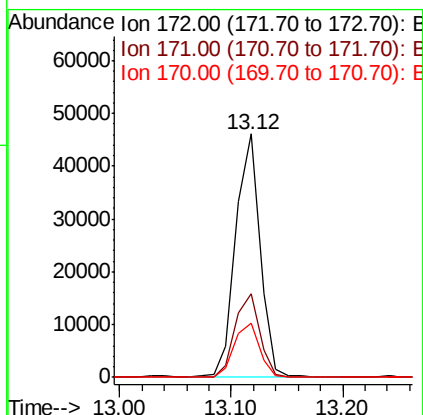
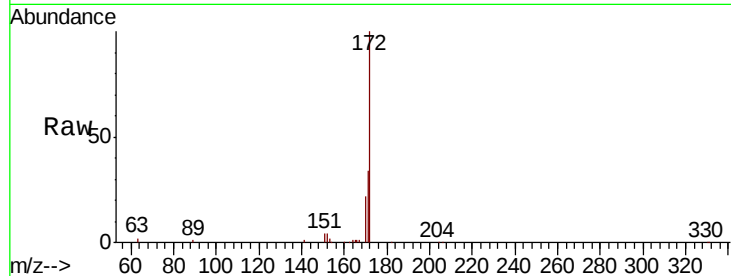




#15
2-Fluorobiphenyl
Concen: 0.322 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003343.D
Acq: 29 Oct 2018 21:52

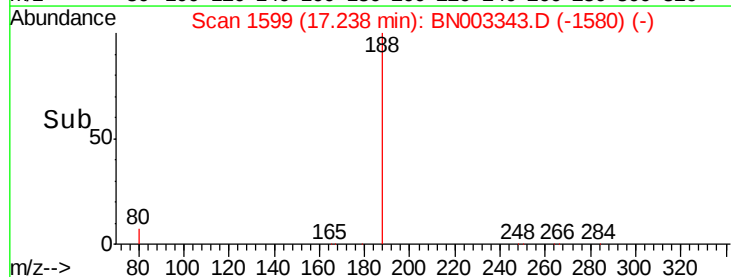
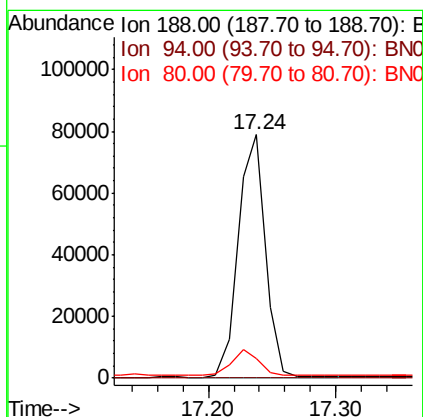
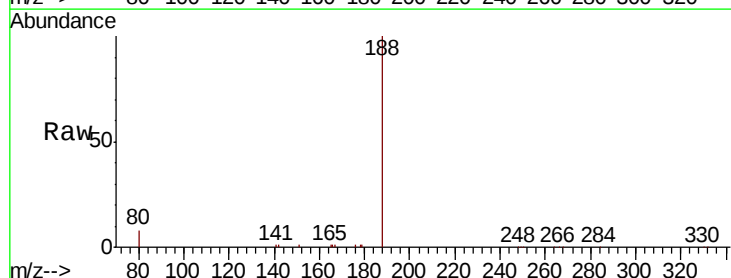
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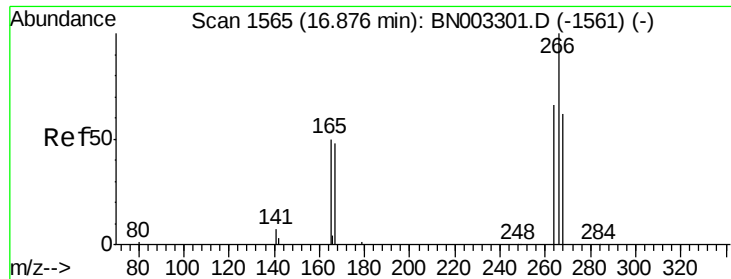
Tgt Ion:172 Resp: 68883
Ion Ratio Lower Upper
172 100
171 34.2 27.1 40.7
170 22.1 17.4 26.0



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BN003343.D
Acq: 29 Oct 2018 21:52

Tgt Ion:188 Resp: 116050
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 8.0 8.6 12.8#

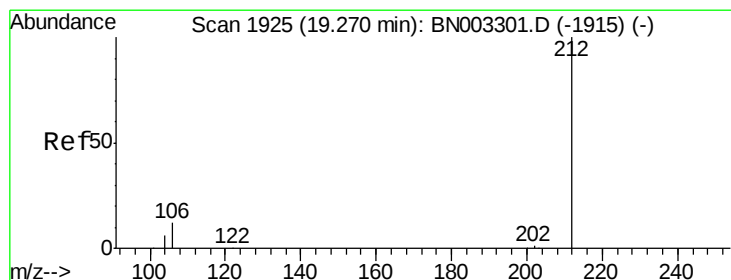
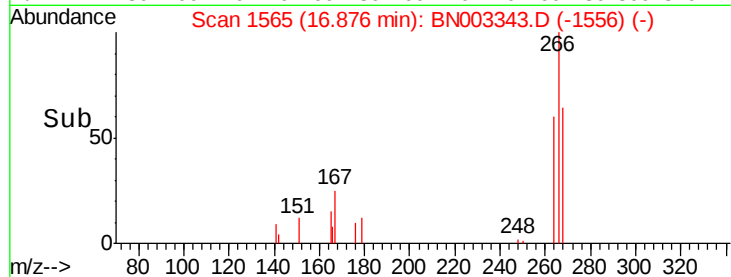
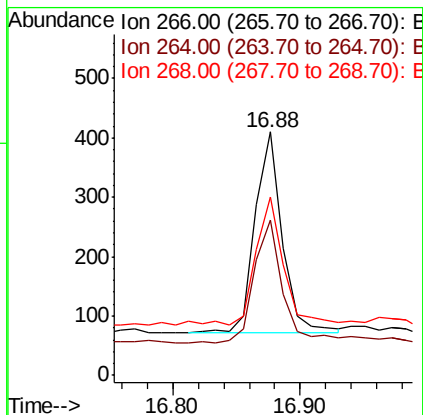
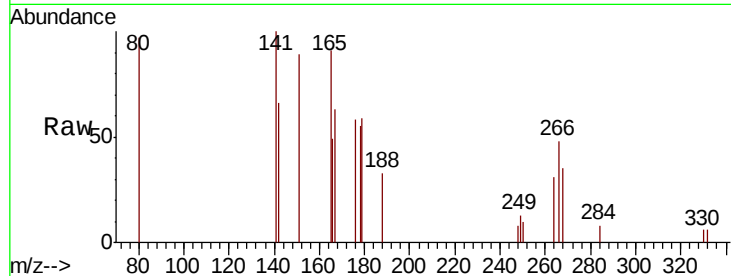




#22
 Pentachlorophenol
 Concen: 0.026 ng
 RT: 16.88 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BN003343.D
 Acq: 29 Oct 2018 21:52

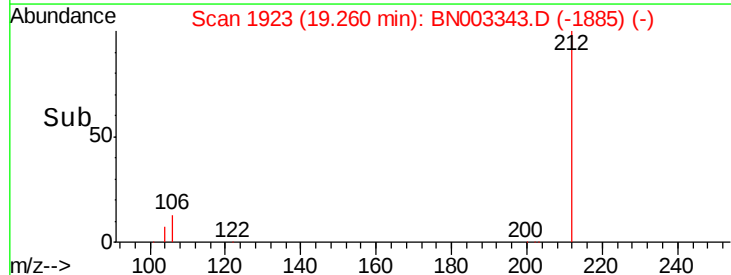
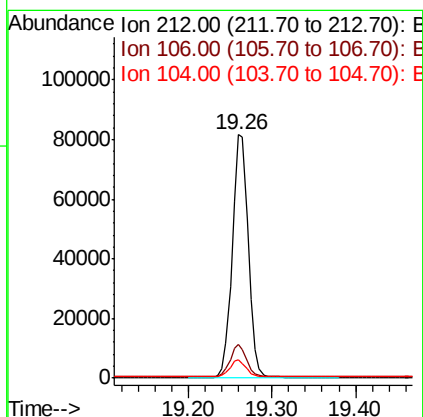
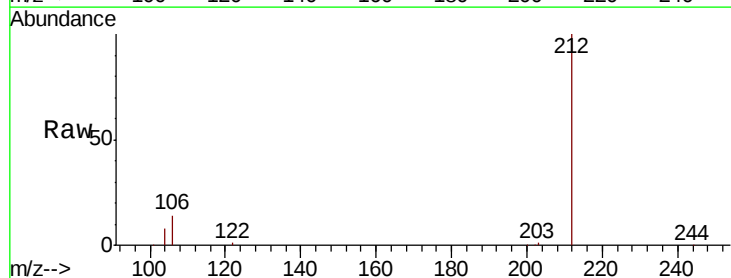
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 SA-PZ171I-20181024

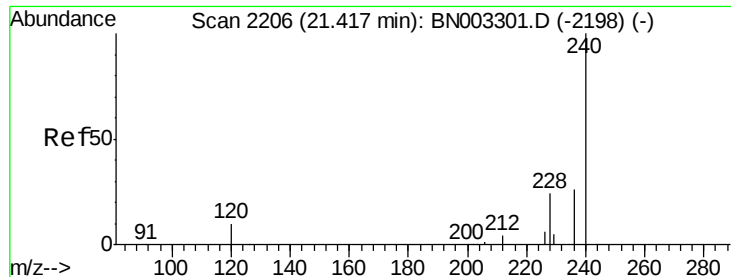
Tgt Ion: 266 Resp: 502
 Ion Ratio Lower Upper
 266 100
 264 63.9 52.1 78.1
 268 73.4 51.8 77.6



#25
 Fluoranthene-d10
 Concen: 0.319 ng
 RT: 19.26 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BN003343.D
 Acq: 29 Oct 2018 21:52

Tgt Ion: 212 Resp: 107794
 Ion Ratio Lower Upper
 212 100
 106 13.0 10.3 15.5
 104 7.2 5.6 8.4

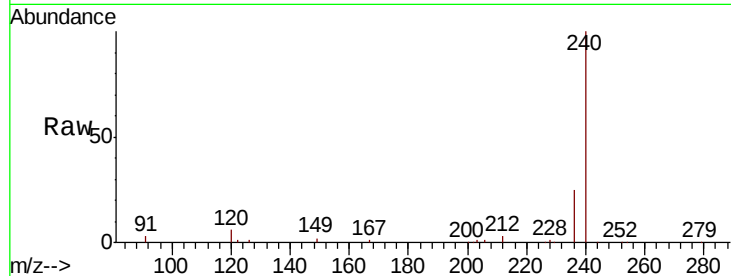




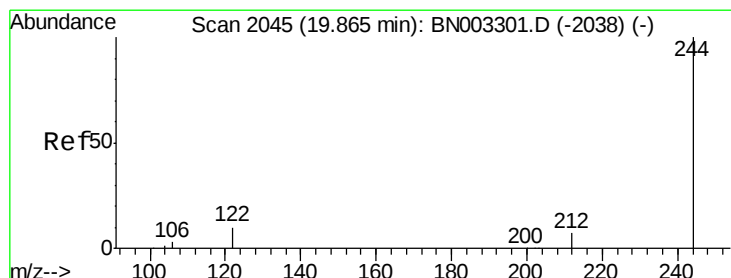
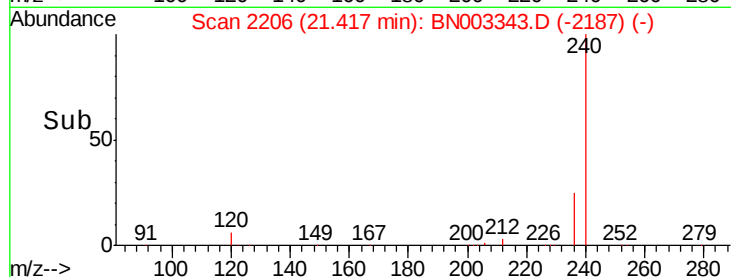
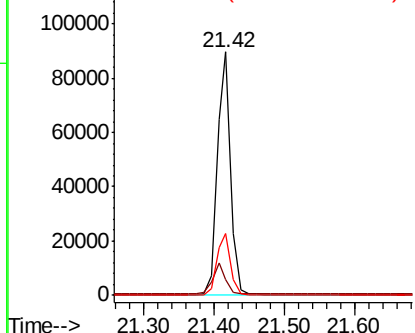
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.42 min Scan# 2206
 Delta R.T. -0.00 min
 Lab File: BN003343.D
 Acq: 29 Oct 2018 21:52

Instrument :
 BNA_N
 ClientSampleId :
 SA-PZ171I-20181024

Tgt Ion:240 Resp: 119302
 Ion Ratio Lower Upper
 240 100
 120 6.4 9.3 13.9#
 236 25.4 21.0 31.4

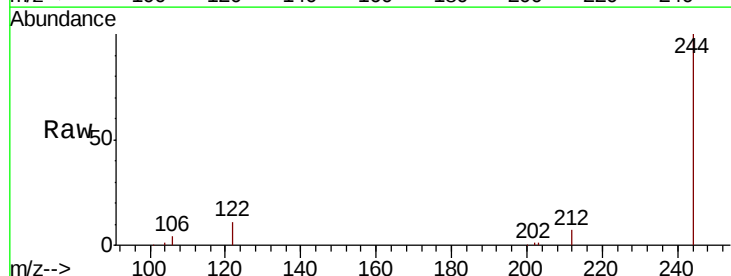


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

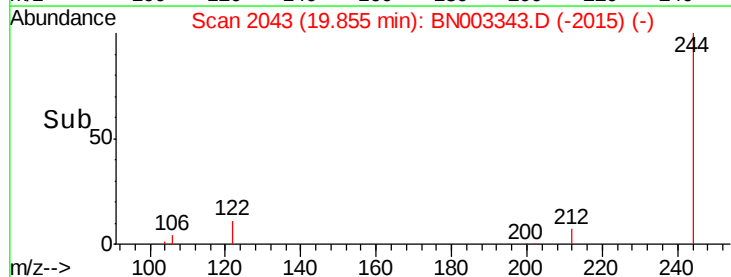
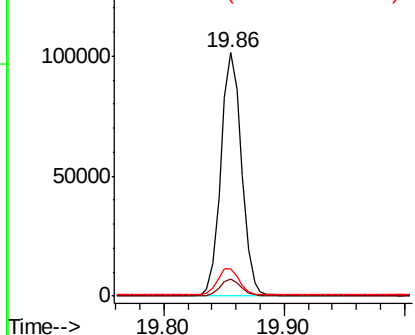


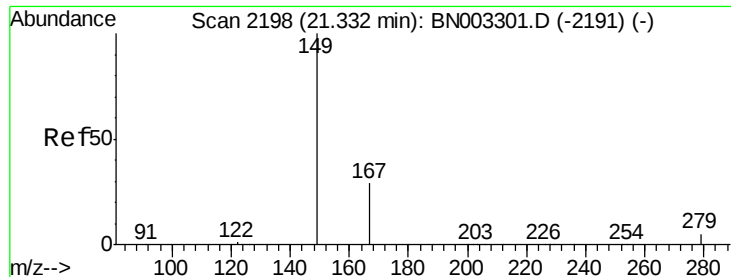
#29
 Terphenyl-d14
 Concen: 0.435 ng
 RT: 19.86 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BN003343.D
 Acq: 29 Oct 2018 21:52

Tgt Ion:244 Resp: 120625
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.4 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.093 ng

RT: 21.31 min Scan# 2196

Delta R.T. -0.02 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

Instrument :

BNA_N

ClientSampleId :

SA-PZ171I-20181024

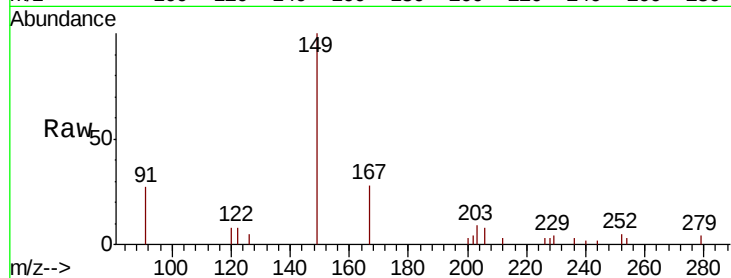
Tgt Ion:149 Resp: 8570

Ion Ratio Lower Upper

149 100

167 28.1 22.4 33.6

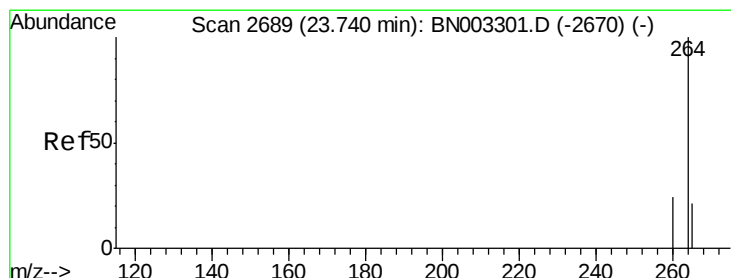
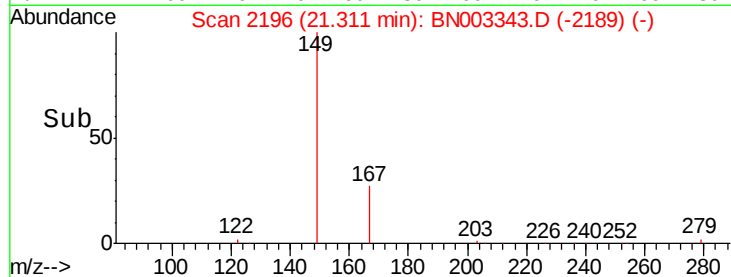
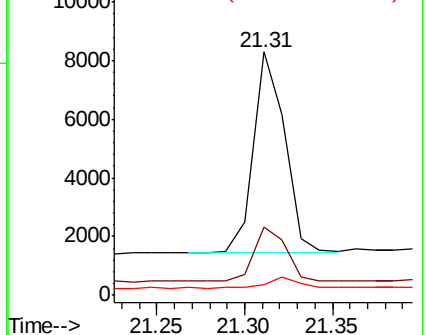
279 5.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.73 min Scan# 2687

Delta R.T. -0.01 min

Lab File: BN003343.D

Acq: 29 Oct 2018 21:52

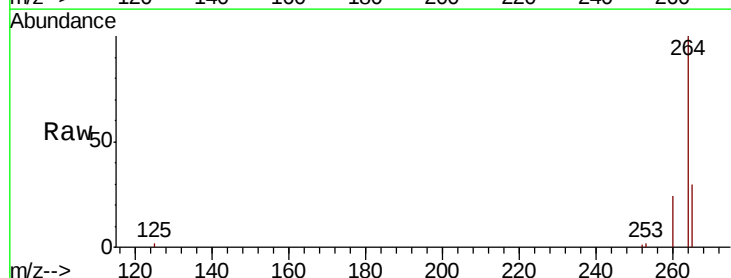
Tgt Ion:264 Resp: 100225

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 29.8 26.4 39.6



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

