

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006632.D
 Acq On : 29 Jun 2019 02:12
 Operator : HP/JU
 Sample : K3473-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DUP-1

Quant Time: Jun 29 03:55:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 29 01:19:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3766	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16598	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	11434	0.40	ng	-0.01
19) Phenanthrene-d10	17.03	188	26145	0.40	ng	-0.01
27) Chrysene-d12	21.25	240	26778	0.40	ng	-0.02
34) Perylene-d12	23.48	264	27586	0.40	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	1621	0.18	ng	0.00
5) Phenol-d6	6.83	99	1444	0.12	ng	0.00
8) Nitrobenzene-d5	8.81	82	4033	0.36	ng	0.01
11) 2-Methylnaphthalene-d10	12.00	152	9456	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.78	330	2170	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.88	172	16570	0.39	ng	-0.01
25) Fluoranthene-d10	19.07	212	29025	0.38	ng	-0.01
29) Terphenyl-d14	19.68	244	26644	0.48	ng	0.00

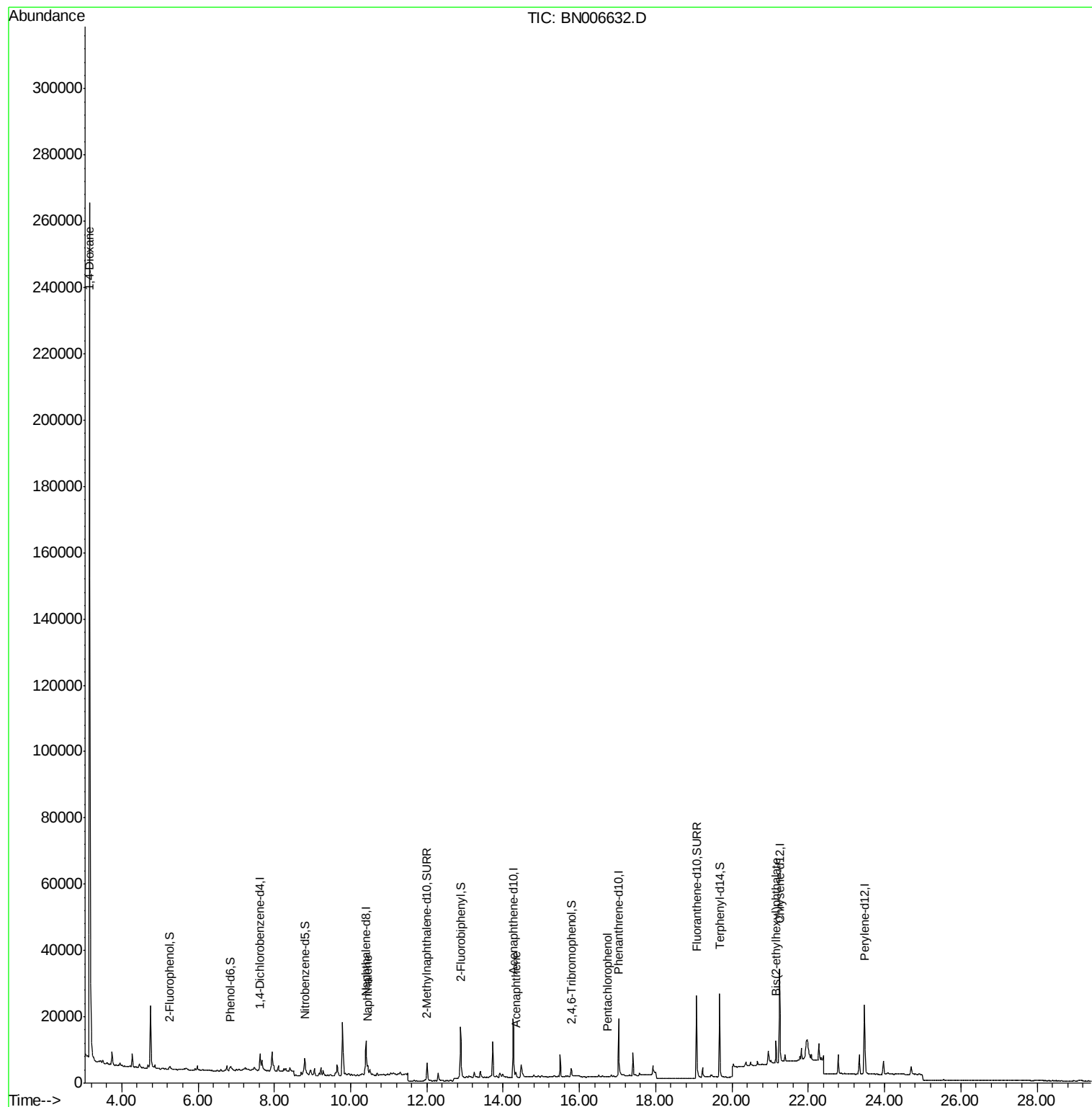
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.16	88	170003	32.620	ng	99
9) Naphthalene	10.45	128	2178	0.050	ng	# 64
17) Acenaphthene	14.33	154	749	0.021	ng	96
22) Pentachlorophenol	16.73	266	27	0.198	ng	# 78
32) Bis(2-ethylhexyl)phthalate	21.15	149	5695	0.129	ng	98

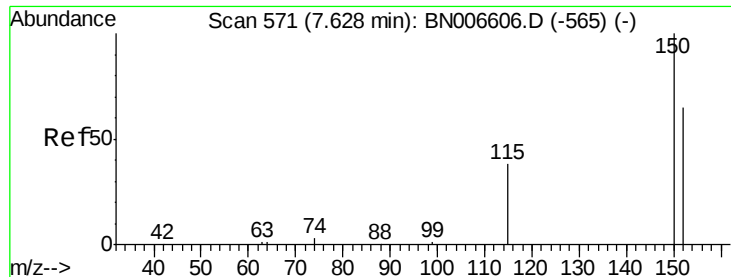
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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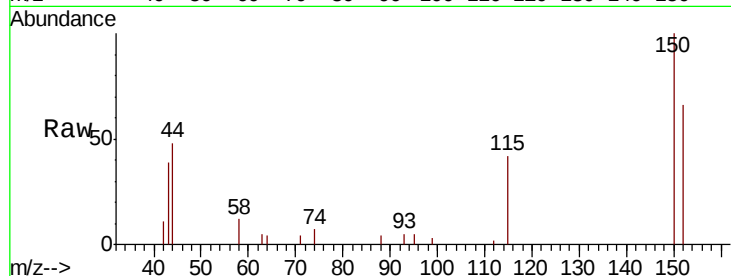


#1

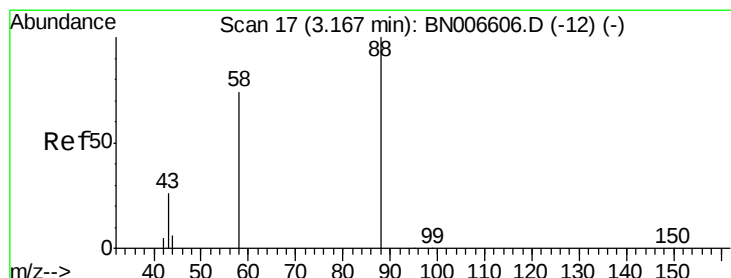
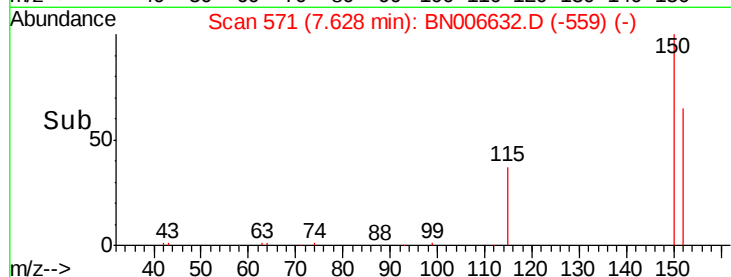
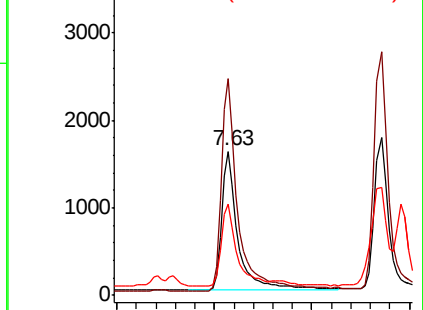
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006632.D
Acq: 29 Jun 2019 02:12

Instrument :
BNA_N
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 3766
Ion Ratio Lower Upper
152 100
150 150.5 122.2 183.2
115 63.1 50.0 75.0



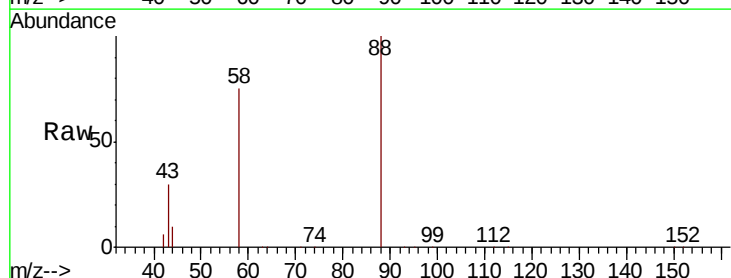
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



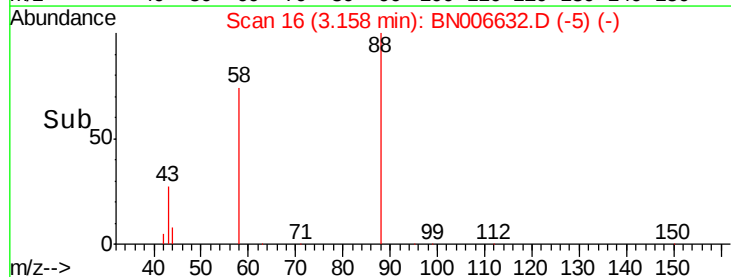
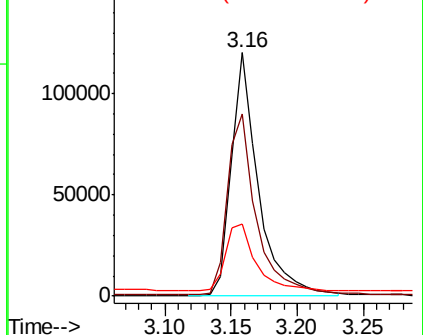
#2

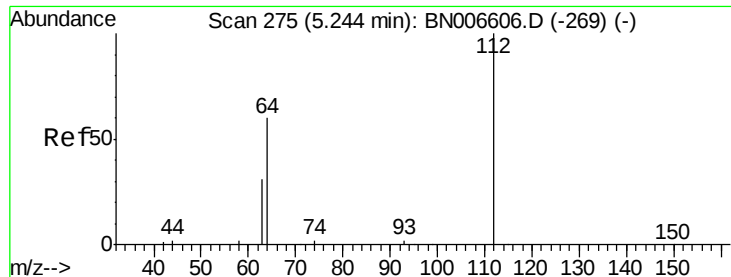
1,4-Dioxane
Concen: 32.620 ng
RT: 3.16 min Scan# 16
Delta R.T. -0.01 min
Lab File: BN006632.D
Acq: 29 Jun 2019 02:12

Tgt Ion: 88 Resp: 170003
Ion Ratio Lower Upper
88 100
58 78.8 62.5 93.7
43 29.9 25.4 38.0



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: 0.175 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

Instrument :

BNA_N

ClientSampleId :

DUP-1

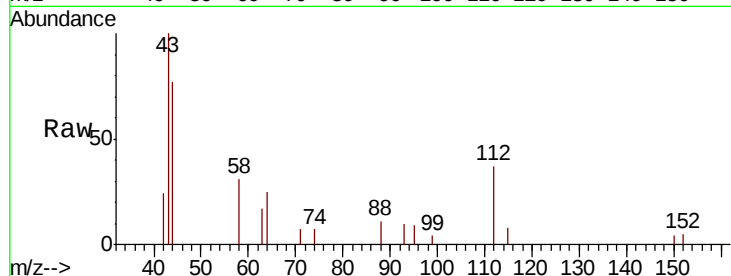
Tgt Ion: 112 Resp: 1621

Ion Ratio Lower Upper

112 100

64 62.6 48.9 73.3

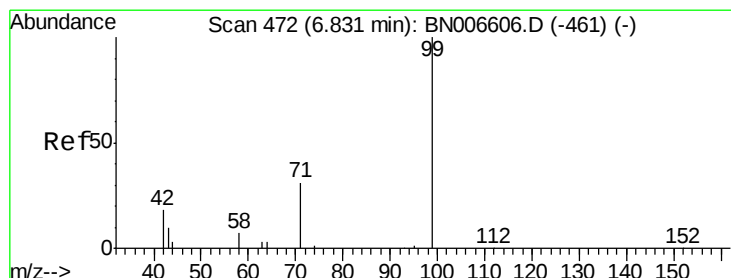
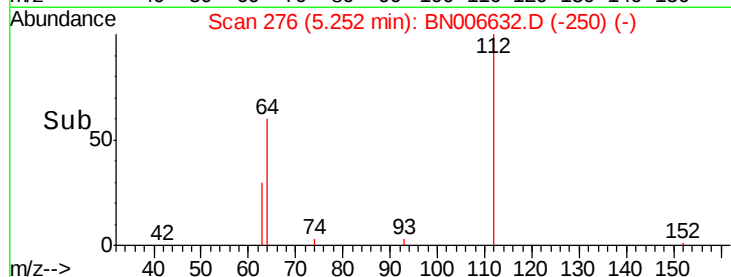
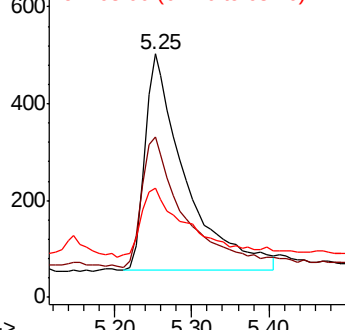
63 36.6 24.3 36.5#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BNC

Ion 63.00 (62.70 to 63.70): BNC



#5

Phenol-d6

Concen: 0.118 ng

RT: 6.83 min Scan# 472

Delta R.T. -0.00 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

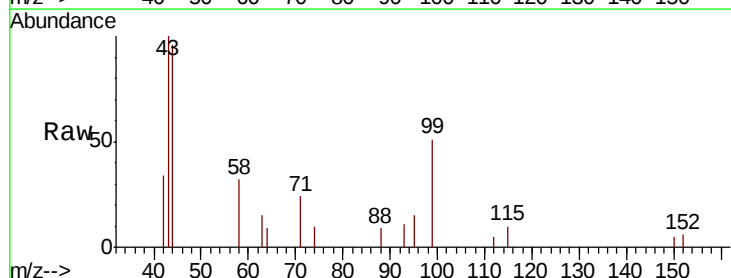
Tgt Ion: 99 Resp: 1444

Ion Ratio Lower Upper

99 100

42 21.1 16.4 24.6

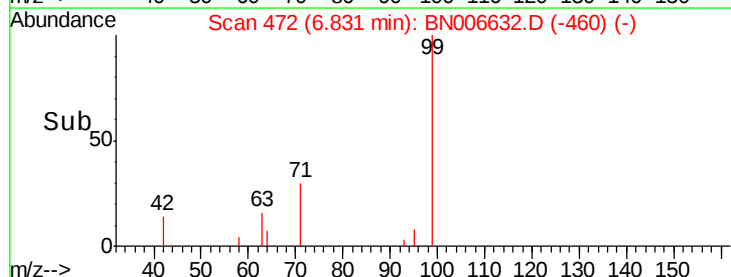
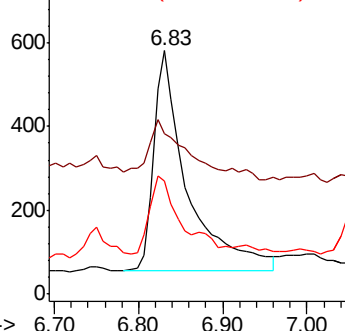
71 34.3 26.6 40.0

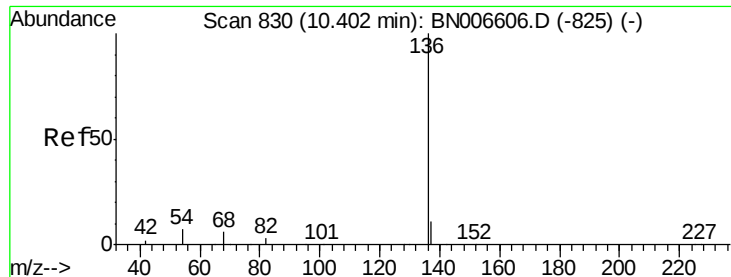


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

Instrument :

BNA_N

ClientSampleId :

DUP-1

Tgt Ion:136 Resp: 16598

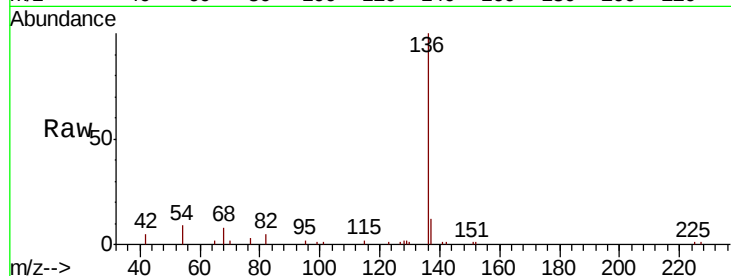
Ion Ratio Lower Upper

136 100

137 11.5 9.3 13.9

54 9.1 6.7 10.1

68 7.7 5.3 7.9

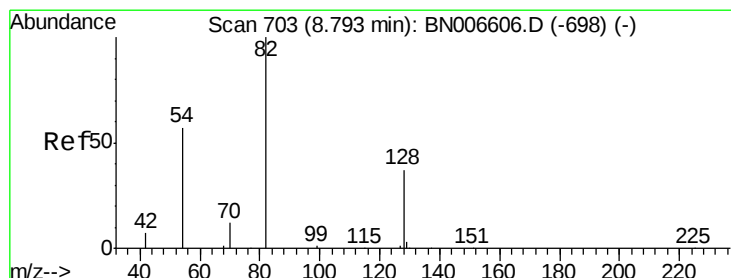
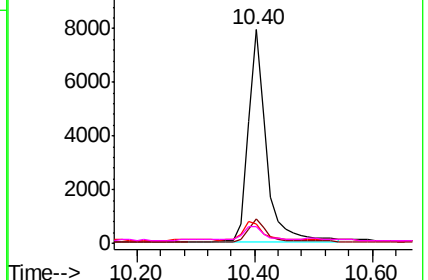
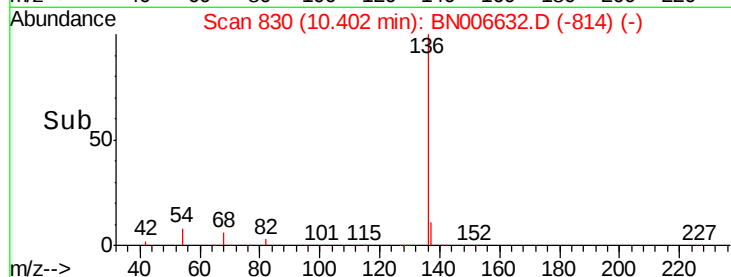


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BNC

Ion 68.00 (67.70 to 68.70): BNC



#8

Nitrobenzene-d5

Concen: 0.361 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

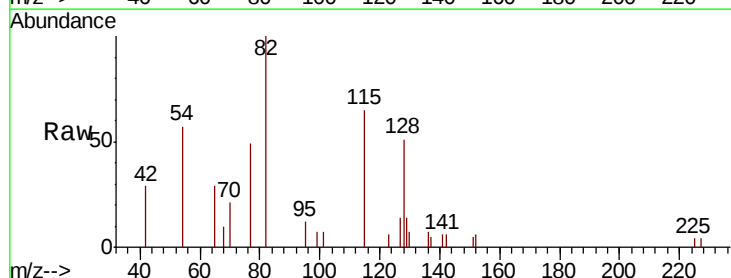
Tgt Ion: 82 Resp: 4033

Ion Ratio Lower Upper

82 100

128 51.1 32.6 49.0#

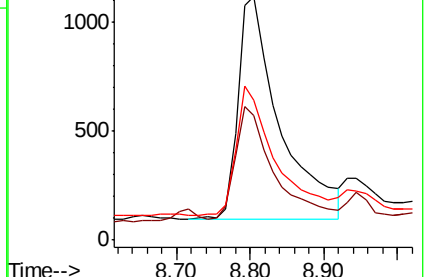
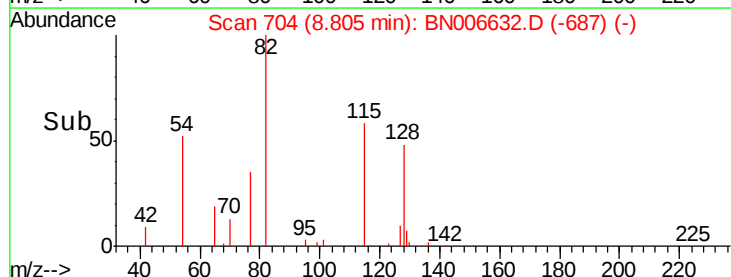
54 57.3 48.2 72.4

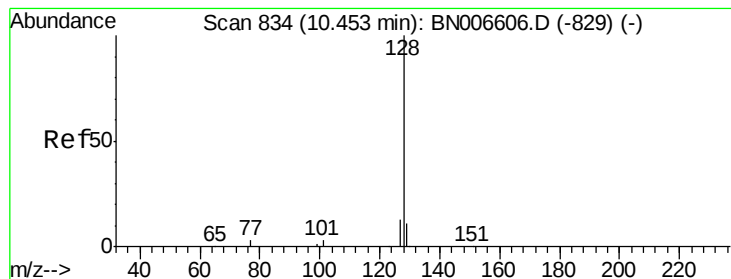


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC





#9

Naphthalene

Concen: 0.050 ng

RT: 10.45 min Scan# 834

Delta R.T. -0.00 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

Instrument :

BNA_N

ClientSampleId :

DUP-1

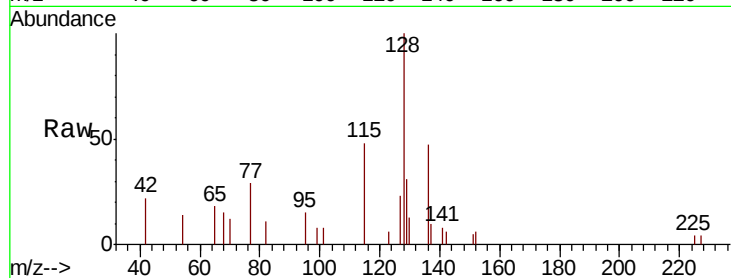
Tgt Ion:128 Resp: 2178

Ion Ratio Lower Upper

128 100

129 31.2 9.3 13.9#

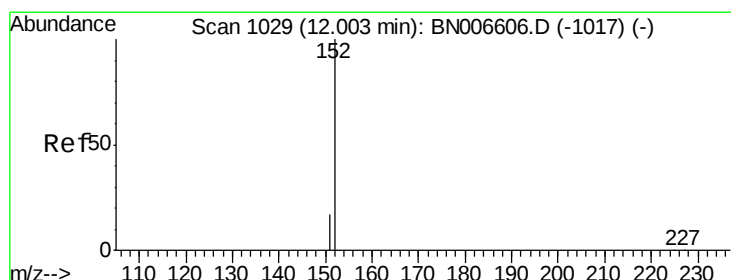
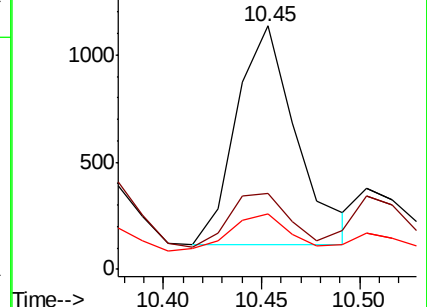
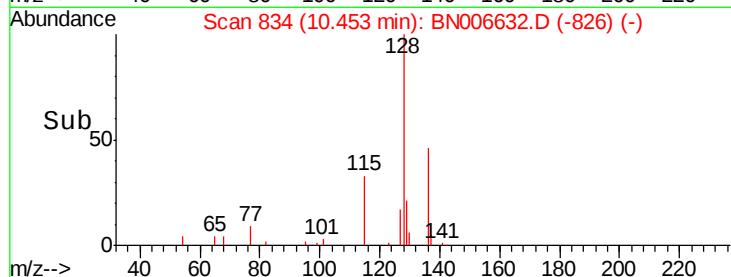
127 22.6 10.8 16.2#



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: 0.362 ng

RT: 12.00 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BN006632.D

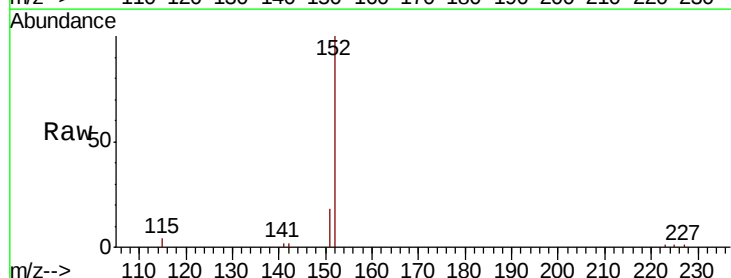
Acq: 29 Jun 2019 02:12

Tgt Ion:152 Resp: 9456

Ion Ratio Lower Upper

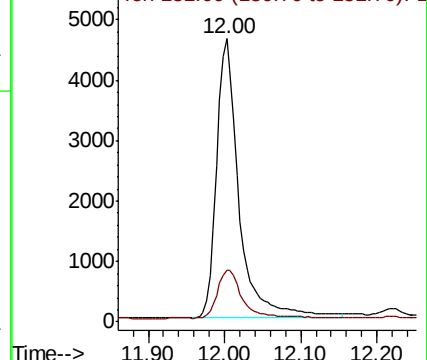
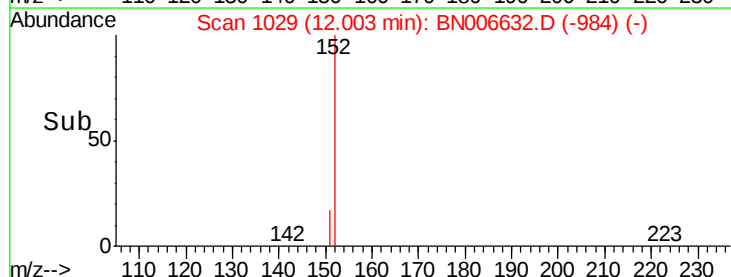
152 100

151 19.2 15.0 22.4



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: 14.27 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

Instrument :

BNA_N

ClientSampleId :

DUP-1

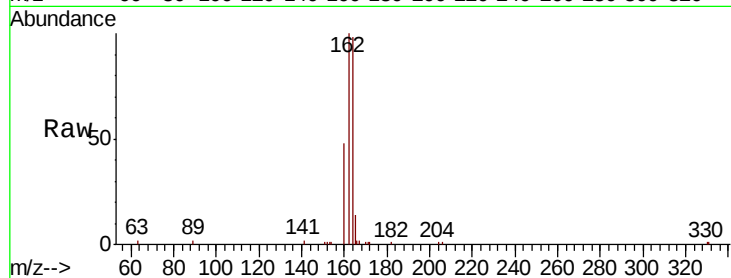
Tgt Ion:164 Resp: 11434

Ion Ratio Lower Upper

164 100

162 101.7 80.0 120.0

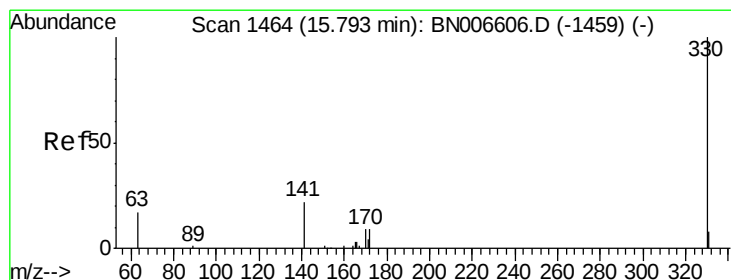
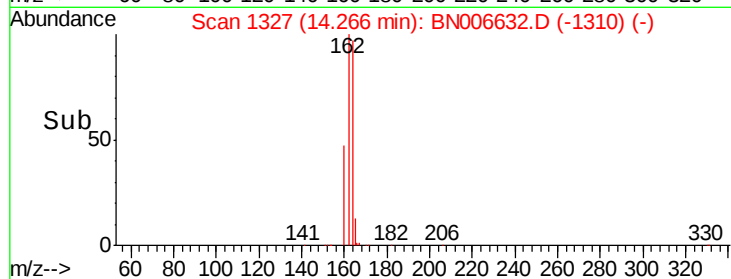
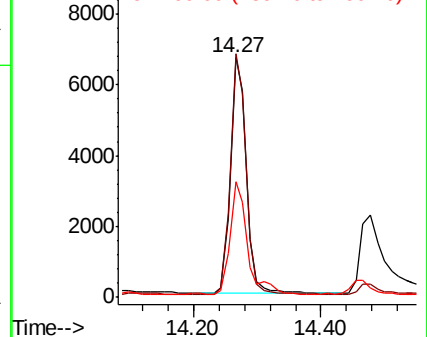
160 48.4 37.0 55.4



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: 0.403 ng

RT: 15.78 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

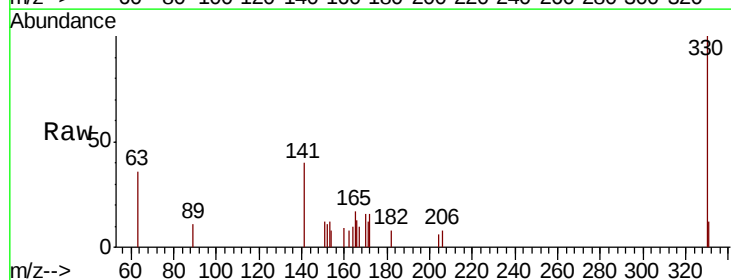
Tgt Ion:330 Resp: 2170

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

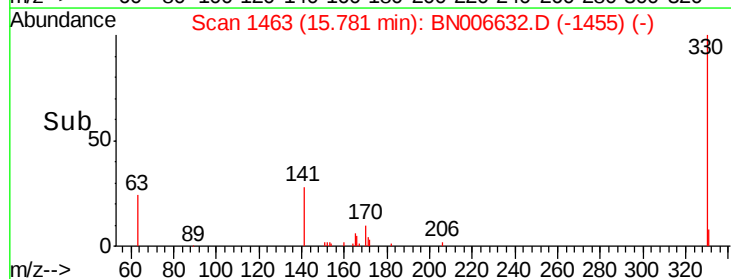
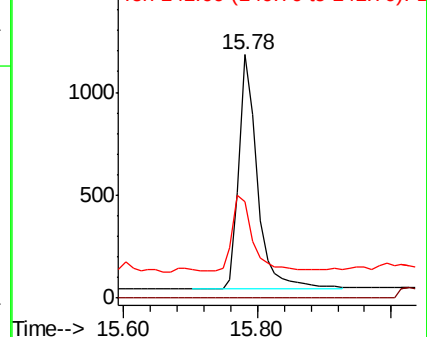
141 35.2 26.5 39.7



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

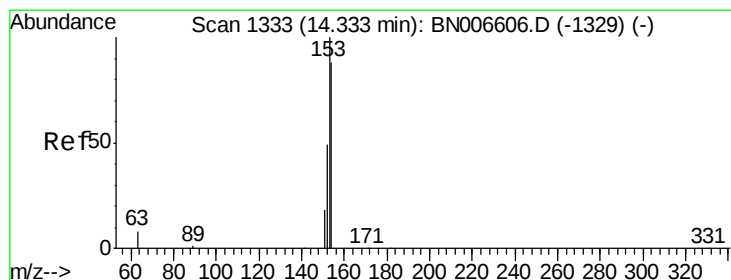
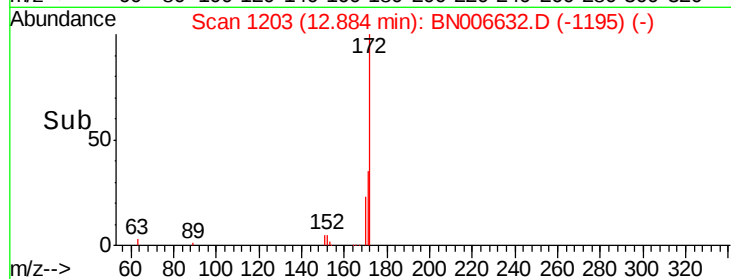
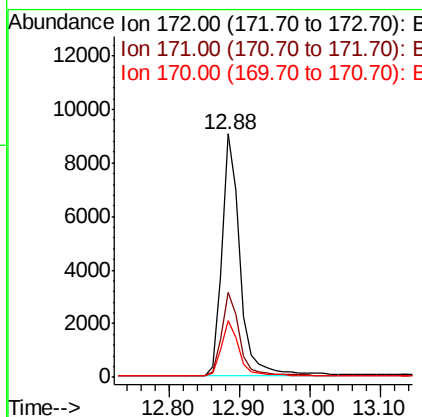
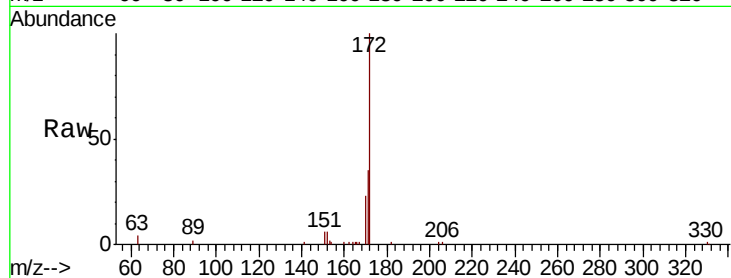




#15
2-Fluorobiphenyl
Concen: 0.391 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006632.D
Acq: 29 Jun 2019 02:12

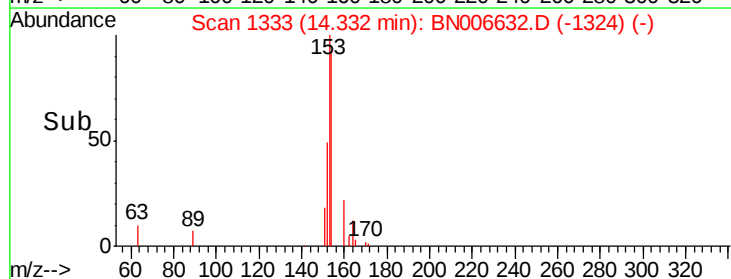
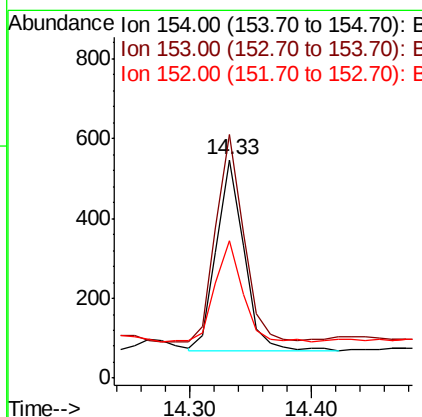
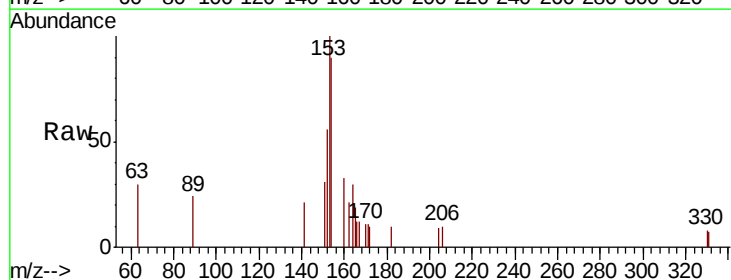
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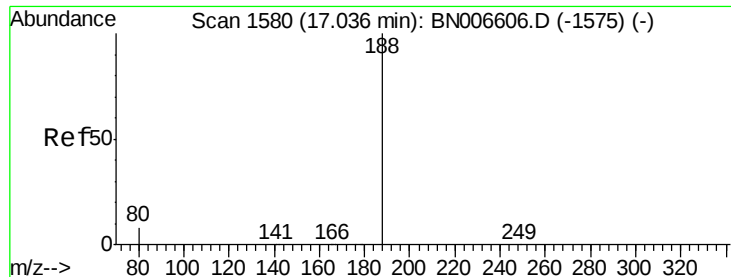
Tgt Ion:172 Resp: 16570
Ion Ratio Lower Upper
172 100
171 34.9 27.0 40.4
170 23.3 17.7 26.5



#17
Acenaphthene
Concen: 0.021 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006632.D
Acq: 29 Jun 2019 02:12

Tgt Ion:154 Resp: 749
Ion Ratio Lower Upper
154 100
153 108.1 90.2 135.4
152 53.8 44.2 66.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.03 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

Instrument :

BNA_N

ClientSampleId :

DUP-1

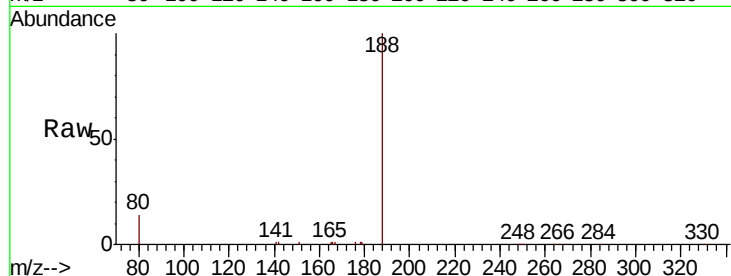
Tgt Ion:188 Resp: 26145

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

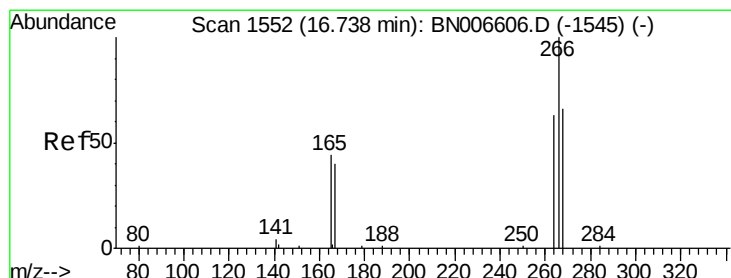
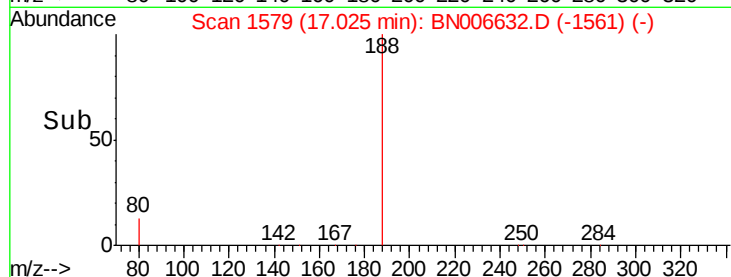
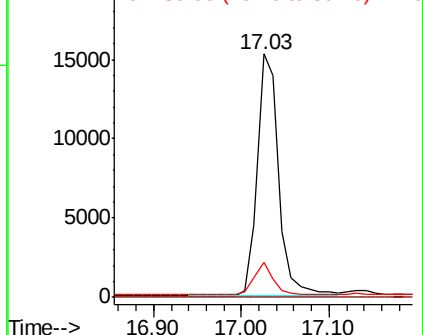
80 14.3 7.1 10.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BNC

Ion 80.00 (79.70 to 80.70): BNC



#22

Pentachlorophenol

Concen: 0.198 ng

RT: 16.73 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

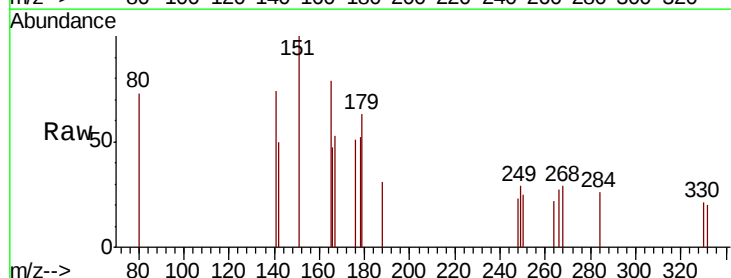
Tgt Ion:266 Resp: 27

Ion Ratio Lower Upper

266 100

264 80.6 56.2 84.4

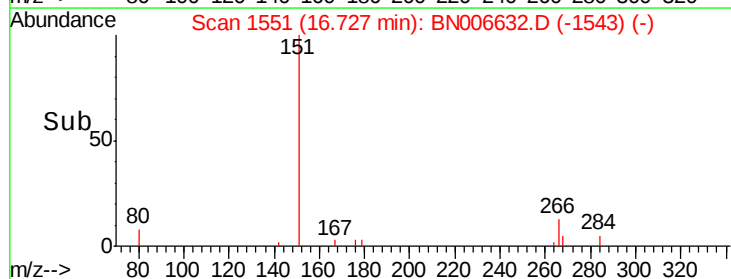
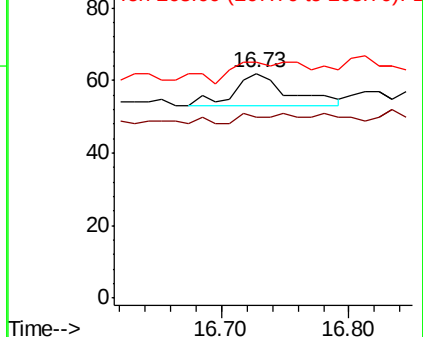
268 104.8 63.0 94.4#

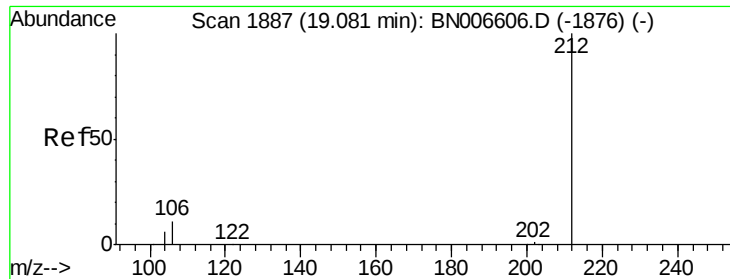


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

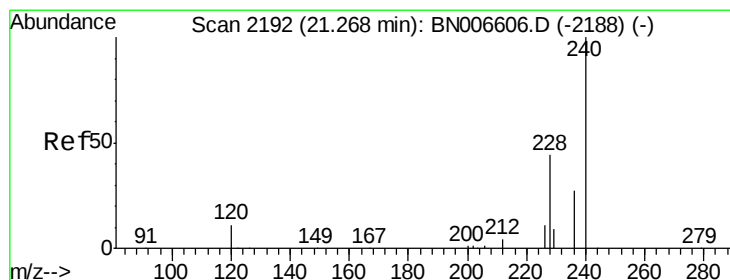
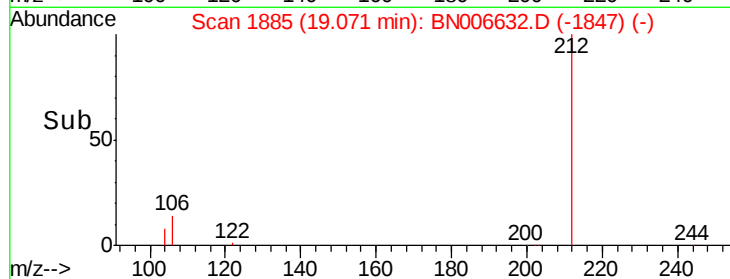
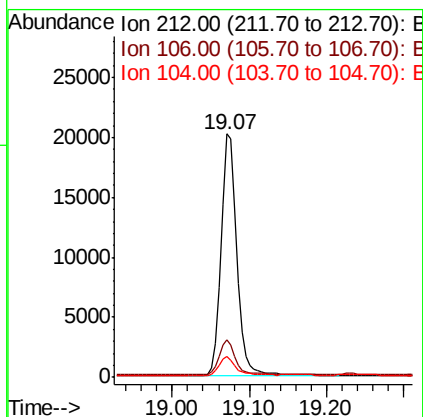
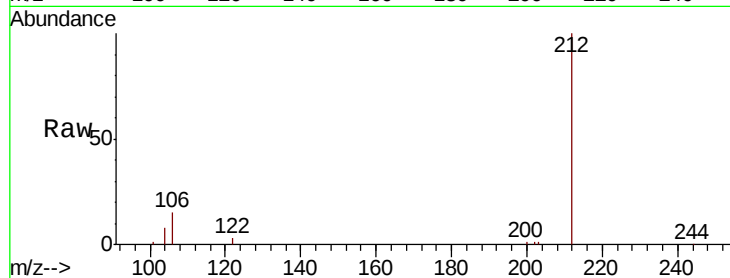




#25
 Fluoranthene-d10
 Concen: 0.378 ng
 RT: 19.07 min Scan# 1885
 Delta R.T. -0.01 min
 Lab File: BN006632.D
 Acq: 29 Jun 2019 02:12

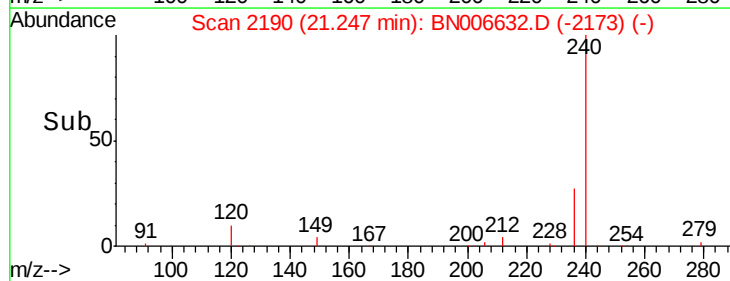
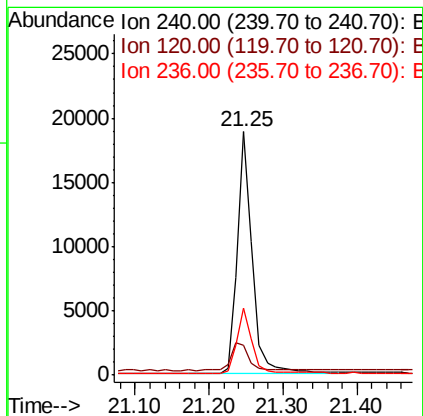
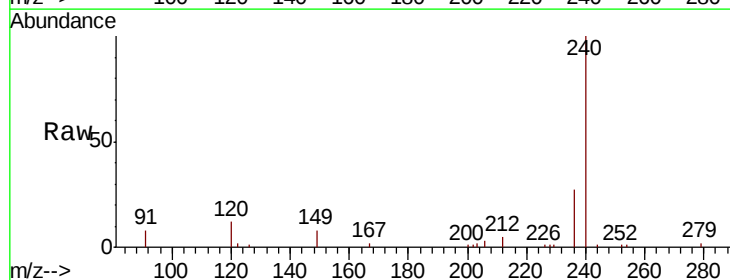
Instrument :
 BNA_N
 ClientSampled :
 DUP-1

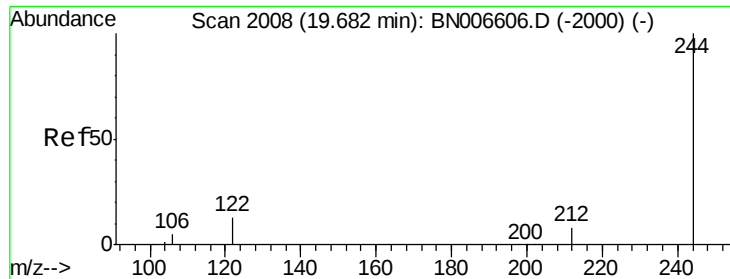
Tgt Ion: 212 Resp: 29025
 Ion Ratio Lower Upper
 212 100
 106 14.4 10.6 15.8
 104 8.1 5.8 8.6



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.02 min
 Lab File: BN006632.D
 Acq: 29 Jun 2019 02:12

Tgt Ion: 240 Resp: 26778
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.9 14.9
 236 27.5 22.2 33.4





#29

Terphenyl-d14

Concen: 0.475 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

Instrument :

BNA_N

ClientSampled :

DUP-1

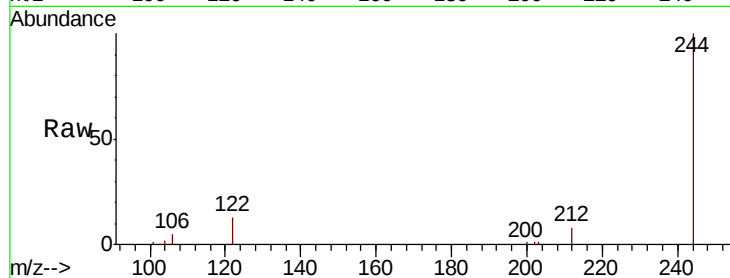
Tgt Ion:244 Resp: 26644

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

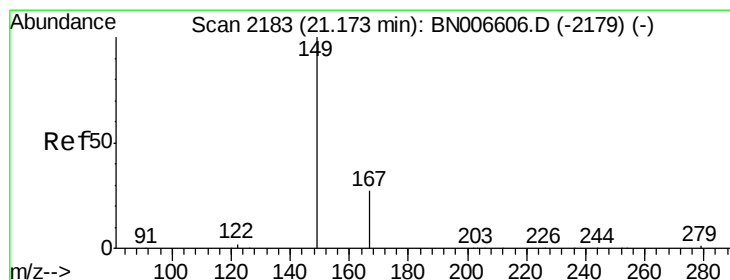
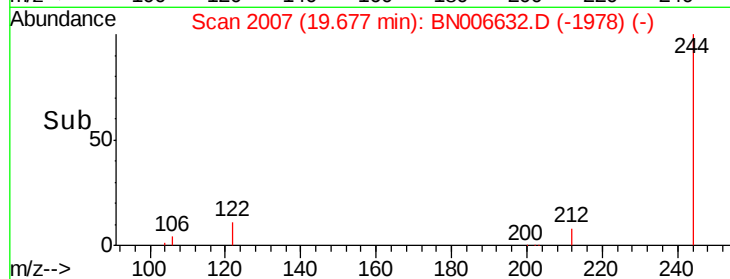
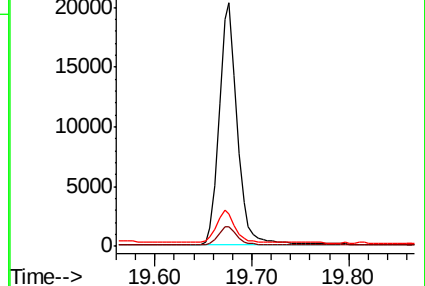
122 13.2 11.0 16.6



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: 0.129 ng

RT: 21.15 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

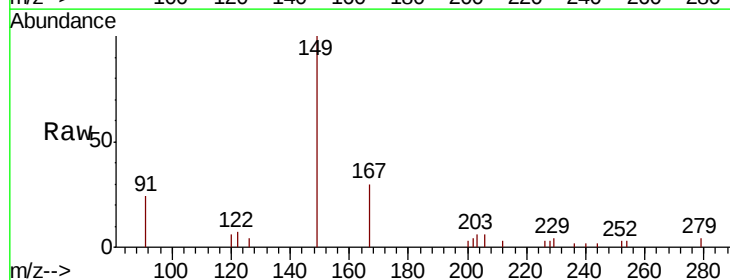
Tgt Ion:149 Resp: 5695

Ion Ratio Lower Upper

149 100

167 27.7 22.9 34.3

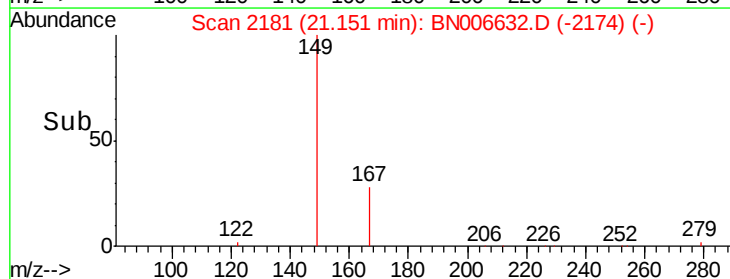
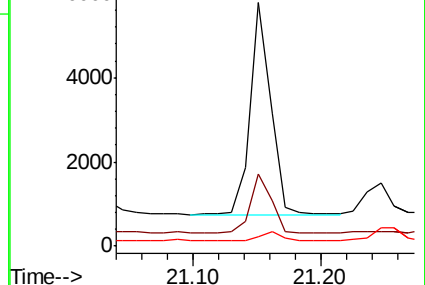
279 4.0 3.3 4.9

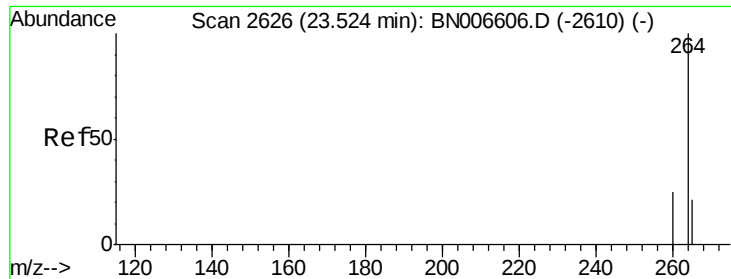


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.48 min Scan# 2612

Delta R.T. -0.05 min

Lab File: BN006632.D

Acq: 29 Jun 2019 02:12

Instrument :

BNA_N

ClientSampleId :

DUP-1

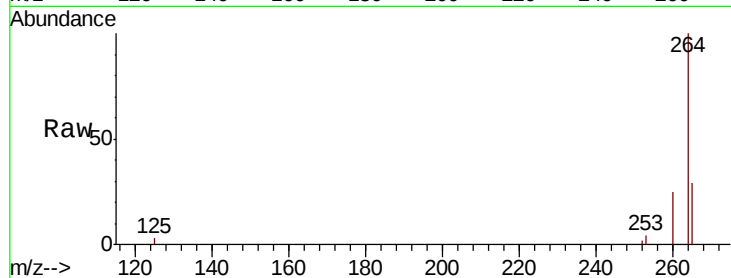
Tgt Ion:264 Resp: 27586

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.2

265 29.3 23.3 34.9



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

