

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006633.D
 Acq On : 29 Jun 2019 02:47
 Operator : HP/JU
 Sample : K3473-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 FB

Quant Time: Jun 29 03:55:09 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

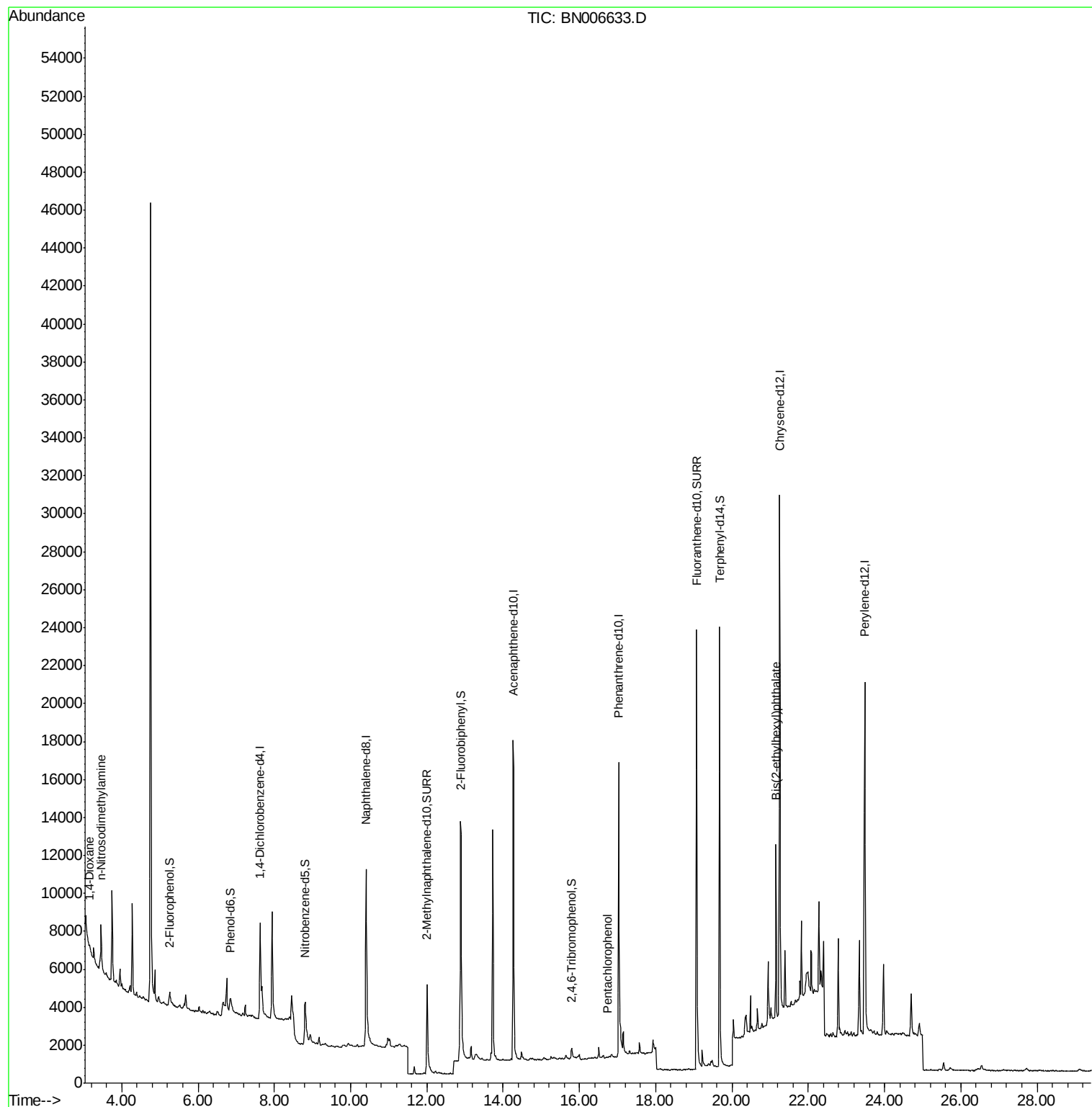
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3950	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16734	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	11192	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	27307	0.40	ng	0.00
27) Chrysene-d12	21.25	240	27041	0.40	ng	-0.02
34) Perylene-d12	23.48	264	27130	0.40	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	1365	0.14	ng	0.00
5) Phenol-d6	6.84	99	1131	0.09	ng	0.00
8) Nitrobenzene-d5	8.81	82	3991	0.35	ng	0.01
11) 2-Methylnaphthalene-d10	12.00	152	9486	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	656	0.12	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	16262	0.39	ng	0.00
25) Fluoranthene-d10	19.08	212	29102	0.36	ng	0.00
29) Terphenyl-d14	19.68	244	26140	0.46	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	169	0.031	ng	# 20
3) n-Nitrosodimethylamine	3.46	42	384	0.089	ng	# 1
22) Pentachlorophenol	16.73	266	4	0.193	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.15	149	7413	0.167	ng	100

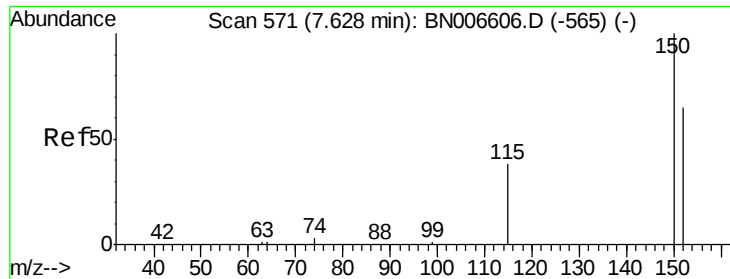
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 15 Sample Multiplier: 1

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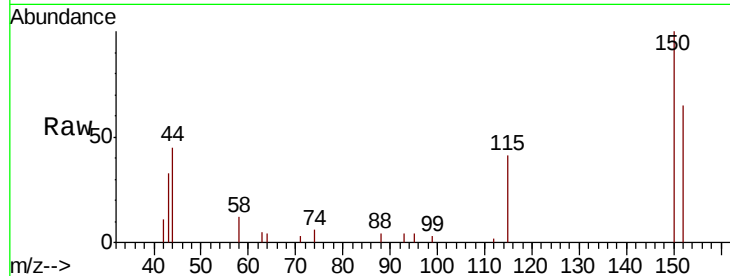


#1

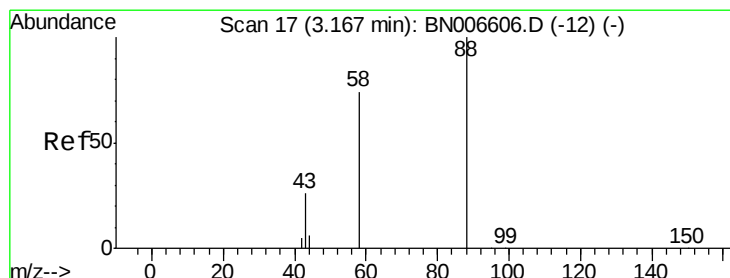
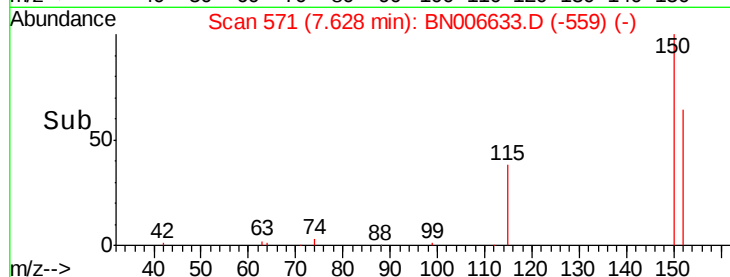
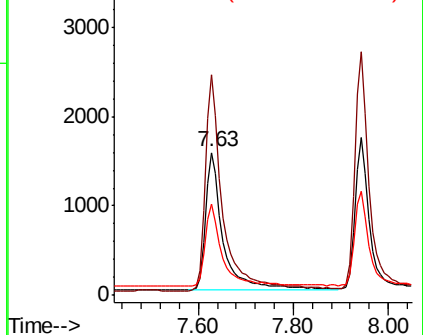
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006633.D
Acq: 29 Jun 2019 02:47

Instrument :
BNA_N
ClientSampleId :
FB

Tgt Ion: 152 Resp: 3950
Ion Ratio Lower Upper
152 100
150 154.3 122.2 183.2
115 63.5 50.0 75.0



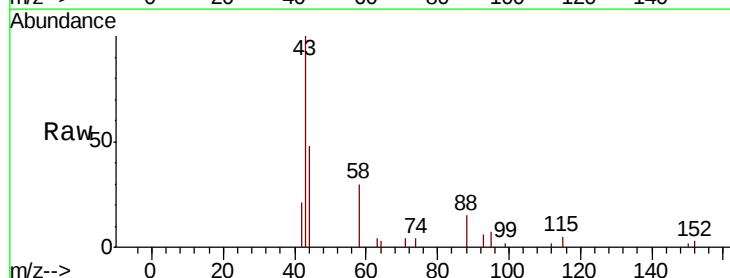
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



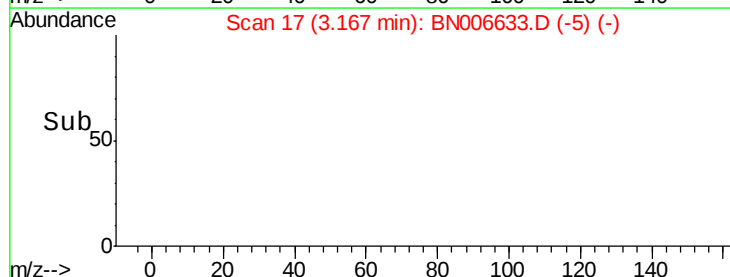
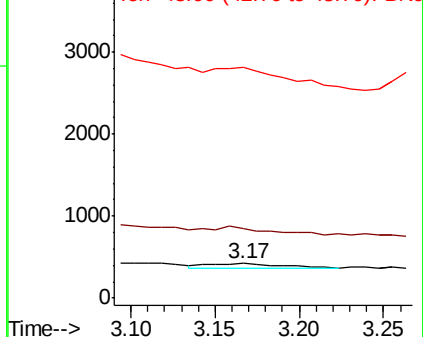
#2

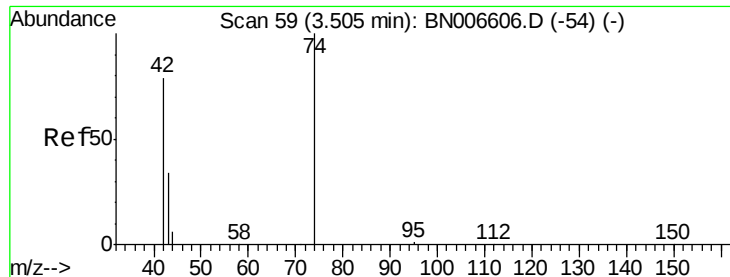
1,4-Dioxane
Concen: 0.031 ng
RT: 3.17 min Scan# 17
Delta R.T. -0.00 min
Lab File: BN006633.D
Acq: 29 Jun 2019 02:47

Tgt Ion: 88 Resp: 169
Ion Ratio Lower Upper
88 100
58 0.0 62.5 93.7#
43 0.0 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





#3

n-Nitrosodimethylamine

Concen: 0.089 ng

RT: 3.46 min Scan# 53

Delta R.T. -0.05 min

Lab File: BN006633.D

Acq: 29 Jun 2019 02:47

Instrument :

BNA_N

ClientSampleId :

FB

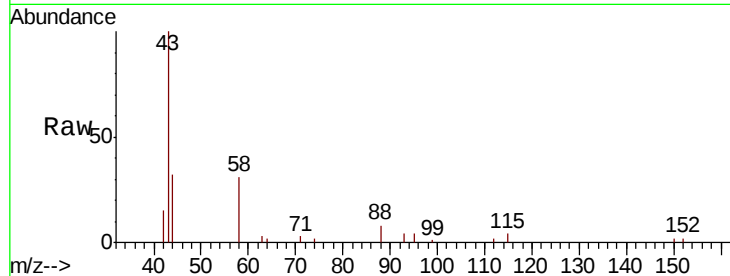
Tgt Ion: 42 Resp: 384

Ion Ratio Lower Upper

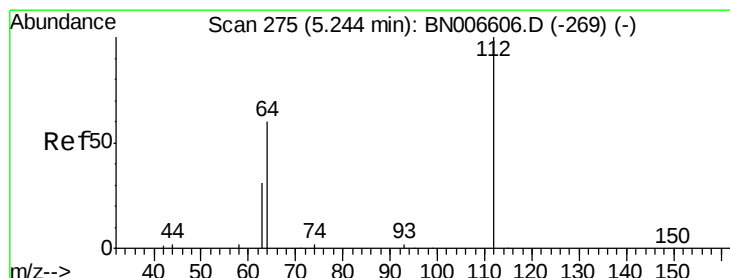
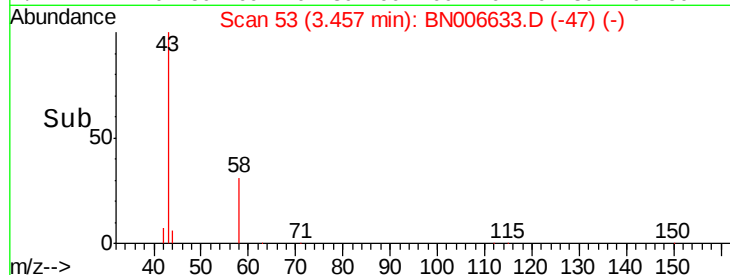
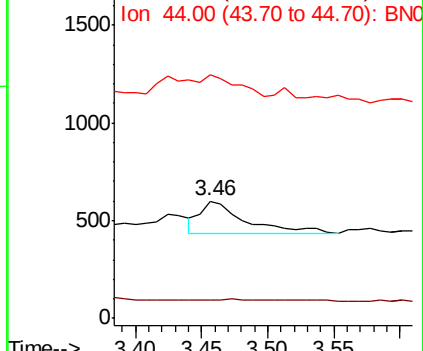
42 100

74 2.3 103.1 154.7#

44 0.0 3.4 5.2#



Abundance Ion 42.00 (41.70 to 42.70): BN0
Ion 74.00 (73.70 to 74.70): BN0
Ion 44.00 (43.70 to 44.70): BN0



#4

2-Fluorophenol

Concen: 0.141 ng

RT: 5.25 min Scan# 276

Delta R.T. 0.01 min

Lab File: BN006633.D

Acq: 29 Jun 2019 02:47

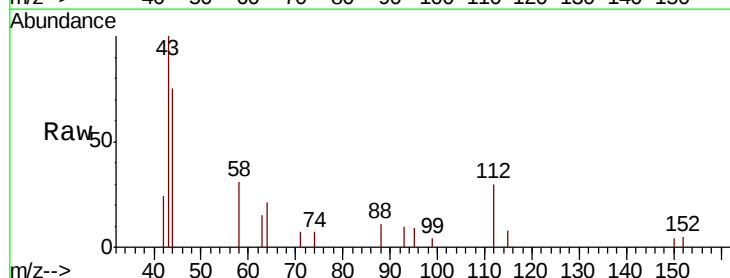
Tgt Ion: 112 Resp: 1365

Ion Ratio Lower Upper

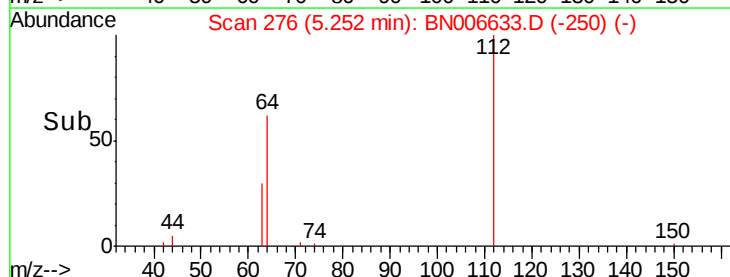
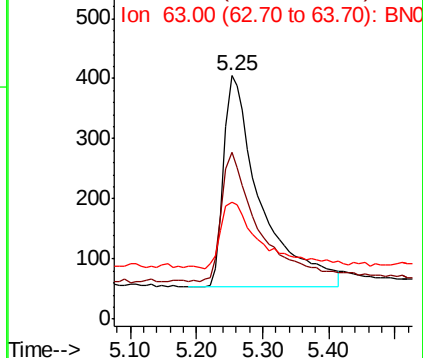
112 100

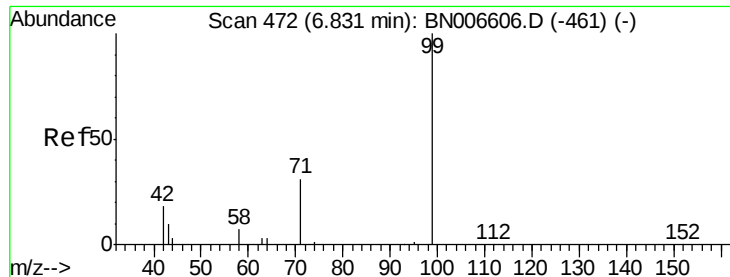
64 62.9 48.9 73.3

63 34.7 24.3 36.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BN0
Ion 63.00 (62.70 to 63.70): BN0





#5

Phenol-d6

Concen: 0.088 ng

RT: 6.84 min Scan# 473

Delta R.T. 0.01 min

Lab File: BN006633.D

Acq: 29 Jun 2019 02:47

Instrument :

BNA_N

ClientSampleId :

FB

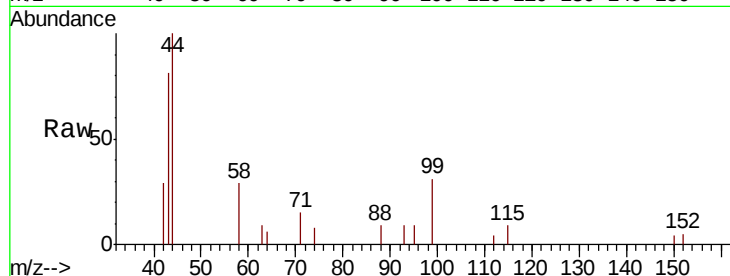
Tgt Ion: 99 Resp: 1131

Ion Ratio Lower Upper

99 100

42 26.0 16.4 24.6#

71 27.0 26.6 40.0



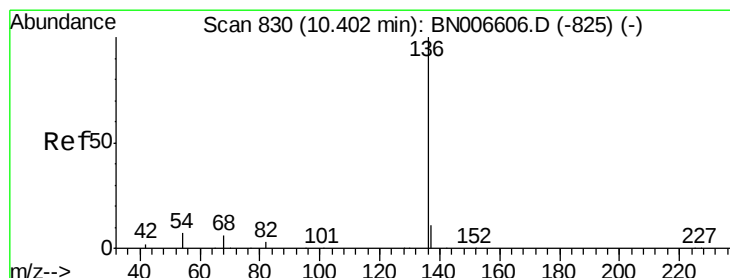
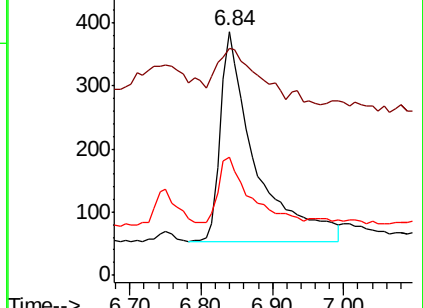
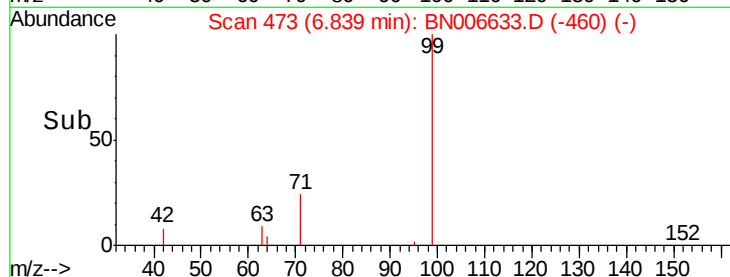
Abundance Ion 99.00 (98.70 to 99.70): BN006633.D (-460) (-)

Ion 42.00 (41.70 to 42.70): BN006633.D (-460) (-)

Ion 71.00 (70.70 to 71.70): BN006633.D (-460) (-)

6.84

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.40 min Scan# 830

Delta R.T. -0.00 min

Lab File: BN006633.D

Acq: 29 Jun 2019 02:47

Tgt Ion: 136 Resp: 16734

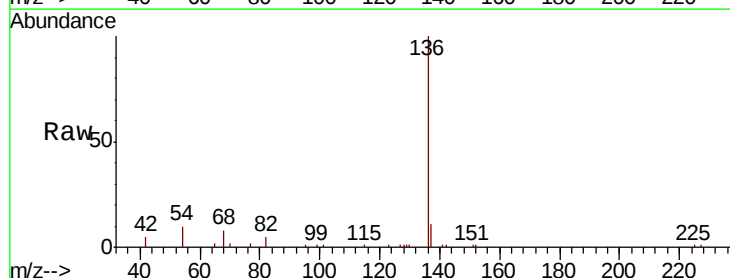
Ion Ratio Lower Upper

136 100

137 11.4 9.3 13.9

54 9.6 6.7 10.1

68 7.7 5.3 7.9



Abundance Ion 136.00 (135.70 to 136.70): BN006633.D (-814) (-)

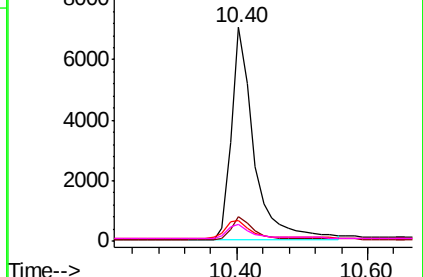
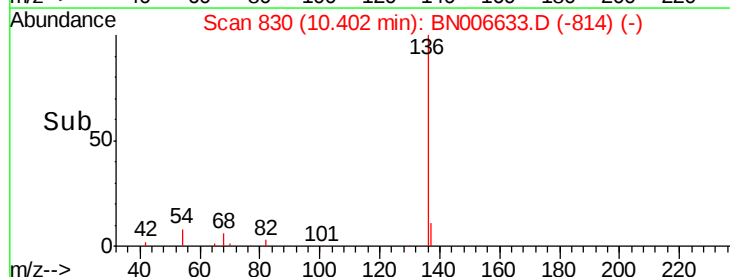
Ion 137.00 (136.70 to 137.70): BN006633.D (-814) (-)

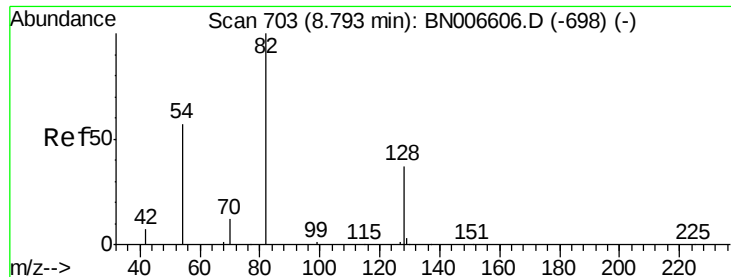
Ion 54.00 (53.70 to 54.70): BN006633.D (-814) (-)

Ion 68.00 (67.70 to 68.70): BN006633.D (-814) (-)

10.40

Time-->

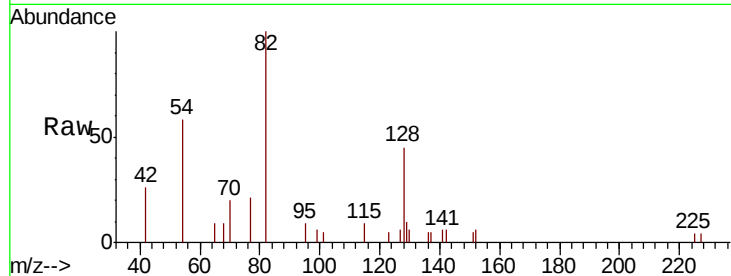




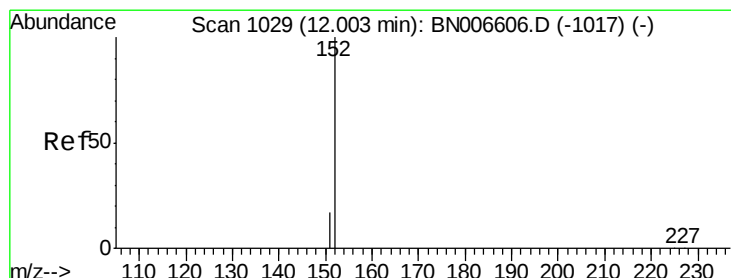
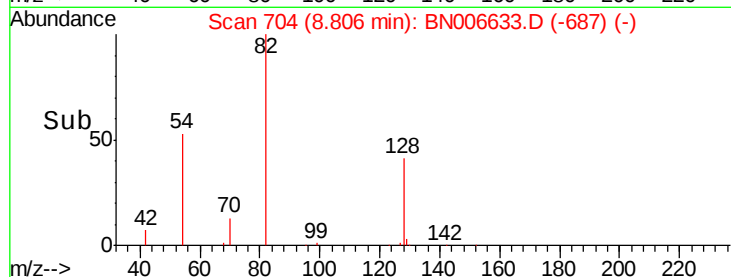
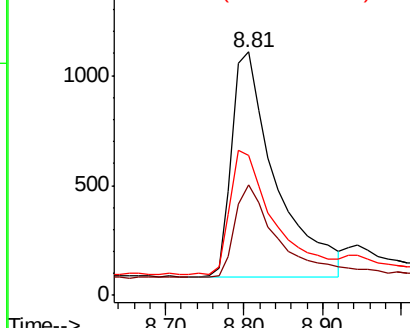
#8
 Nitrobenzene-d5
 Concen: 0.355 ng
 RT: 8.81 min Scan# 704
 Delta R.T. 0.01 min
 Lab File: BN006633.D
 Acq: 29 Jun 2019 02:47

Instrument :
 BNA_N
 ClientSampleID :
 FB

Tgt Ion: 82 Resp: 3991
 Ion Ratio Lower Upper
 82 100
 128 45.4 32.6 49.0
 54 57.6 48.2 72.4

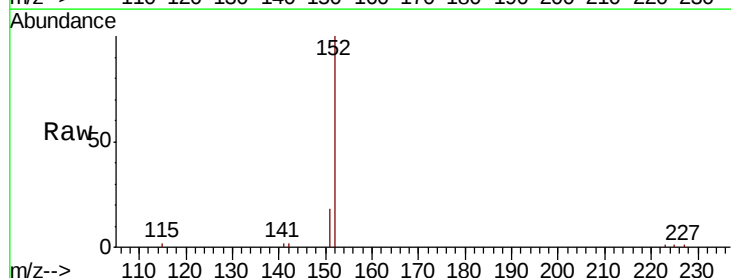


Abundance Ion 82.00 (81.70 to 82.70): BN0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BN0

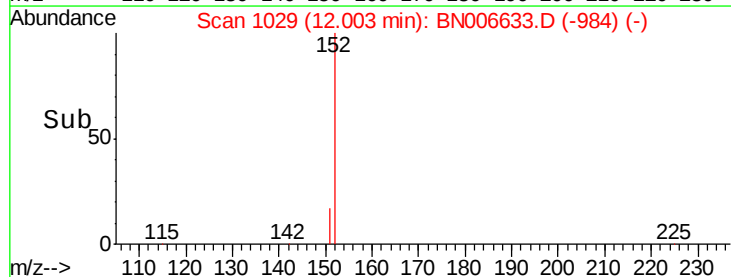
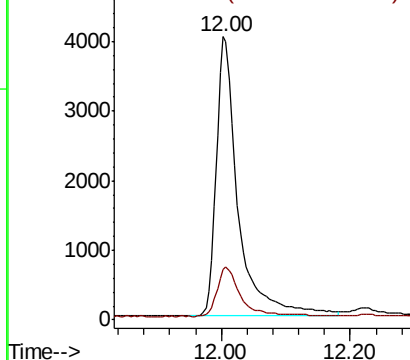


#11
 2-Methylnaphthalene-d10
 Concen: 0.360 ng
 RT: 12.00 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BN006633.D
 Acq: 29 Jun 2019 02:47

Tgt Ion: 152 Resp: 9486
 Ion Ratio Lower Upper
 152 100
 151 19.0 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: BN006633.D

Acq: 29 Jun 2019 02:47

Instrument :

BNA_N

ClientSampleId :

FB

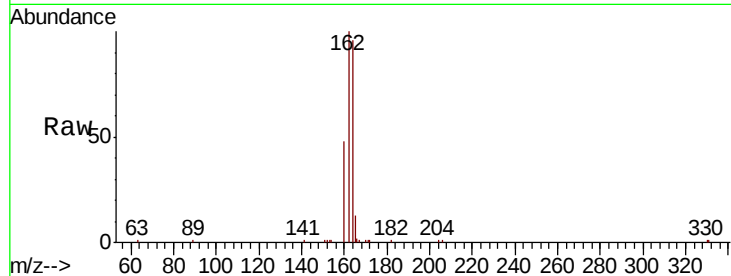
Tgt Ion:164 Resp: 11192

Ion Ratio Lower Upper

164 100

162 104.0 80.0 120.0

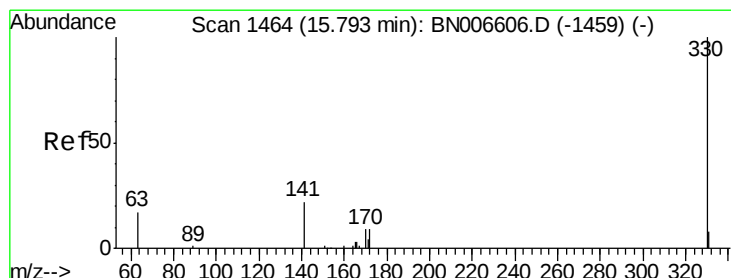
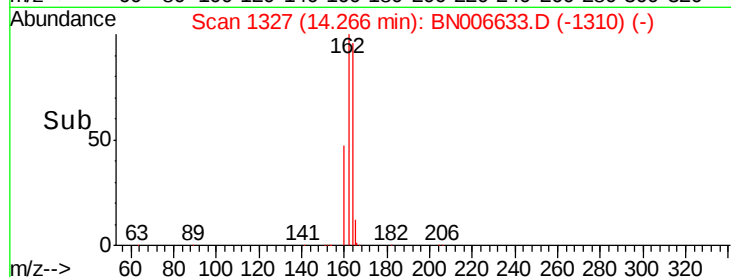
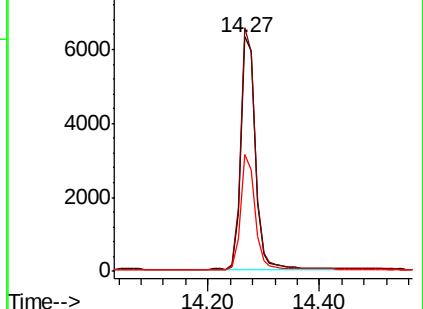
160 49.7 37.0 55.4



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: 0.124 ng

RT: 15.79 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BN006633.D

Acq: 29 Jun 2019 02:47

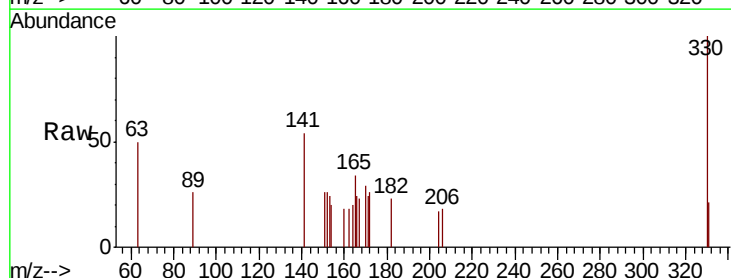
Tgt Ion:330 Resp: 656

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

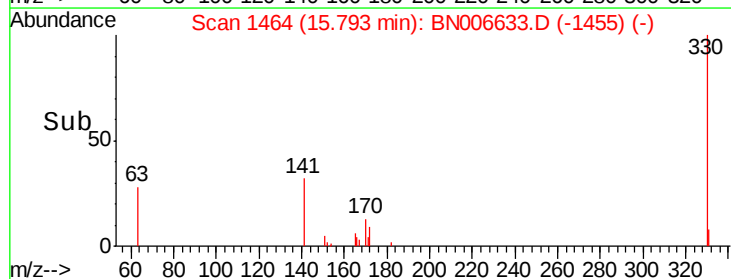
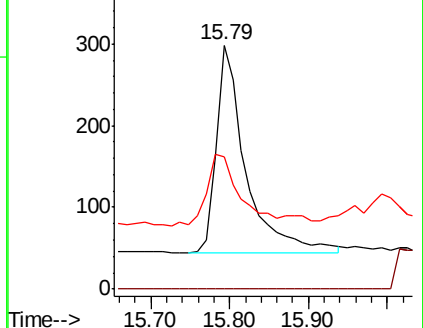
141 38.9 26.5 39.7



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

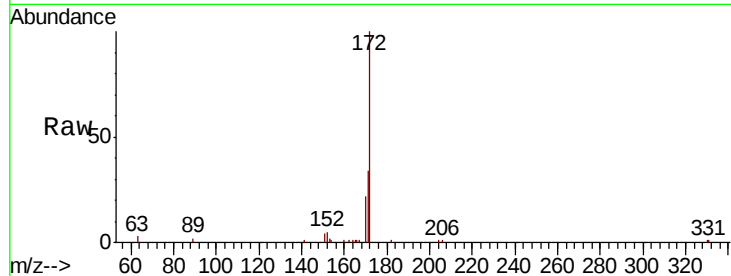




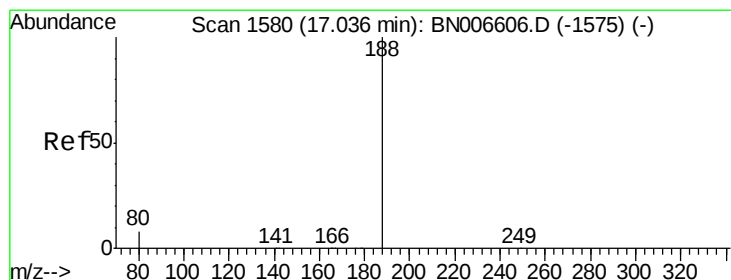
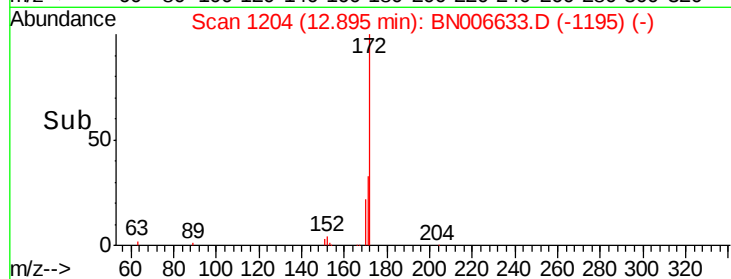
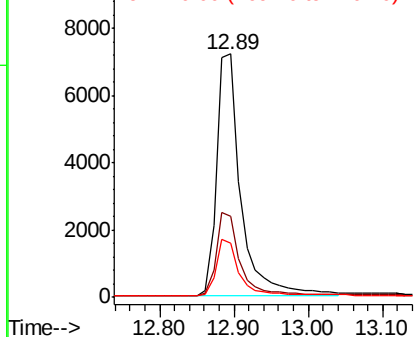
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006633.D
Acq: 29 Jun 2019 02:47

Instrument :
BNA_N
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FB

Tgt Ion:172 Resp: 16262
Ion Ratio Lower Upper
172 100
171 33.6 27.0 40.4
170 22.3 17.7 26.5

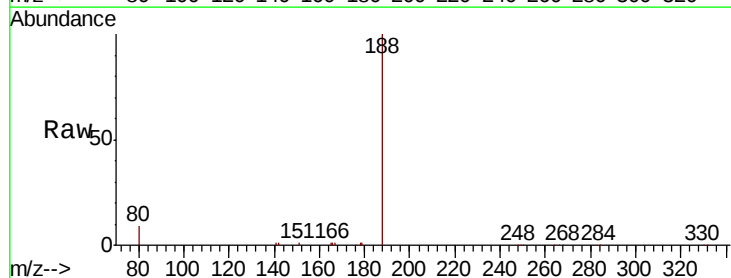


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

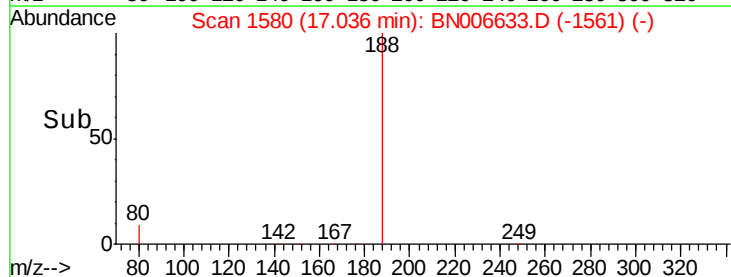
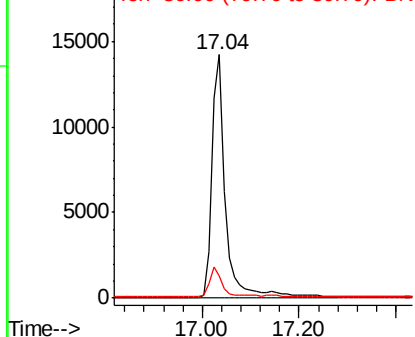


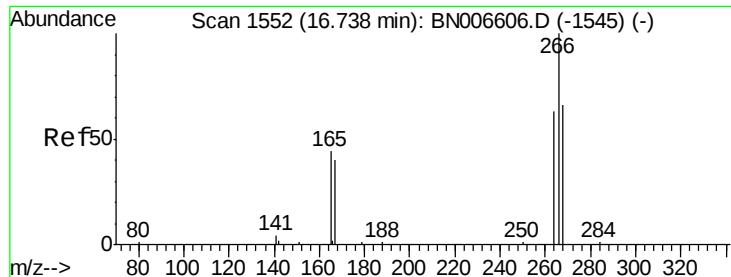
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BN006633.D
Acq: 29 Jun 2019 02:47

Tgt Ion:188 Resp: 27307
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 9.3 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

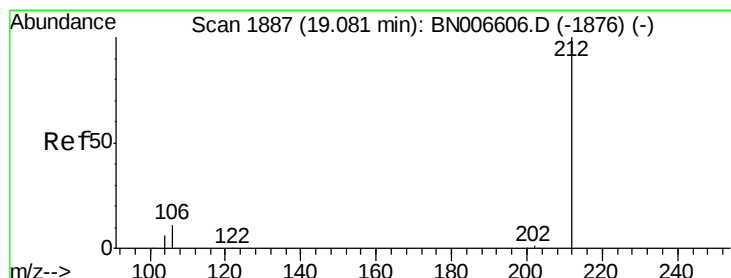
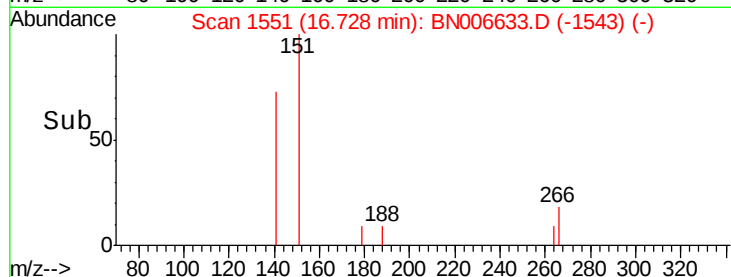
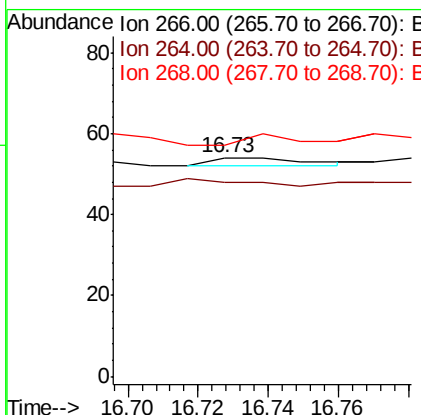
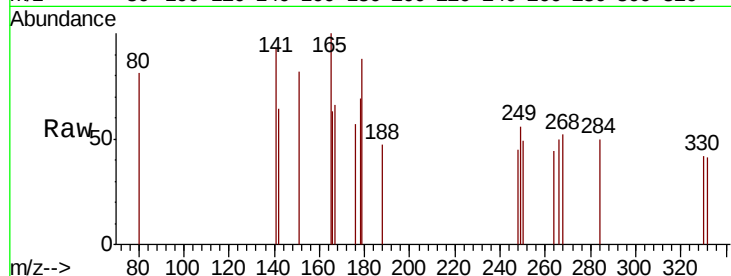




#22
 Pentachlorophenol
 Concen: 0.193 ng
 RT: 16.73 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BN006633.D
 Acq: 29 Jun 2019 02:47

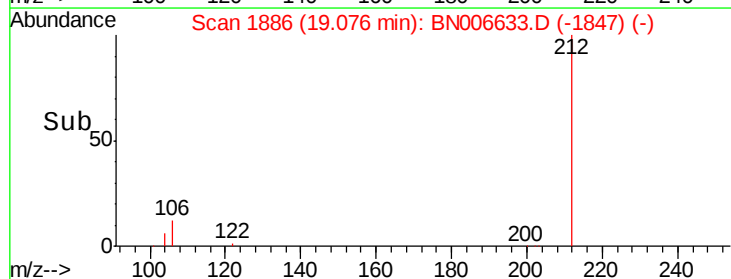
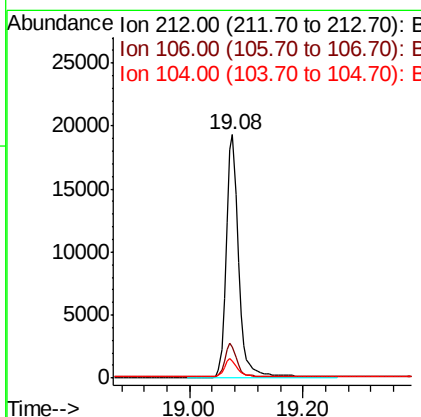
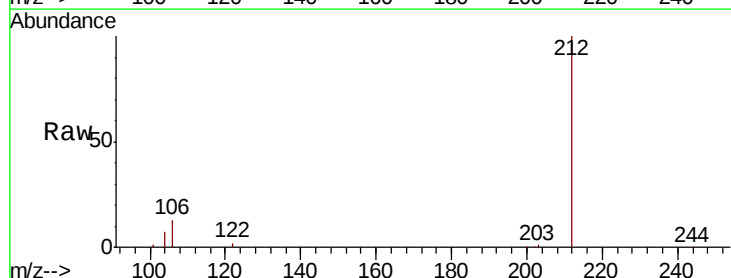
Instrument :
 BNA_N
 ClientSampleId :
 FB

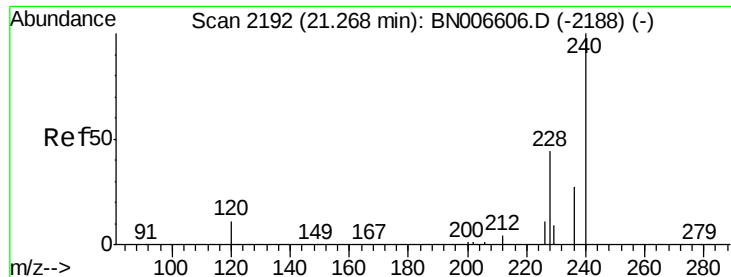
Tgt Ion:	266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
264	88.9	56.2	84.4#
268	105.6	63.0	94.4#



#25
 Fluoranthene-d10
 Concen: 0.363 ng
 RT: 19.08 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BN006633.D
 Acq: 29 Jun 2019 02:47

Tgt Ion:	212	Resp:	29102
Ion	Ratio	Lower	Upper
212	100		
106	13.9	10.6	15.8
104	7.9	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: BN006633.D

Acq: 29 Jun 2019 02:47

Instrument :

BNA_N

ClientSampleId :

FB

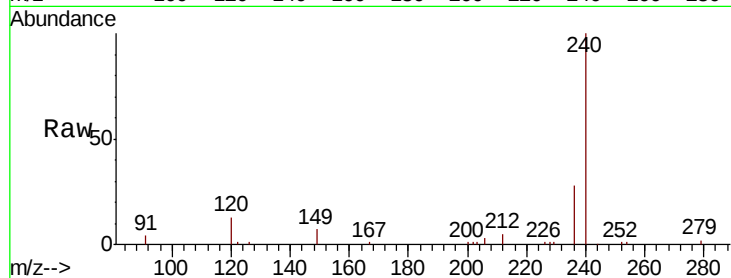
Tgt Ion:240 Resp: 27041

Ion Ratio Lower Upper

240 100

120 12.7 9.9 14.9

236 27.9 22.2 33.4

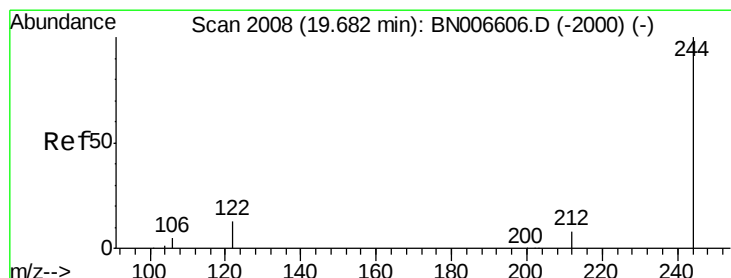
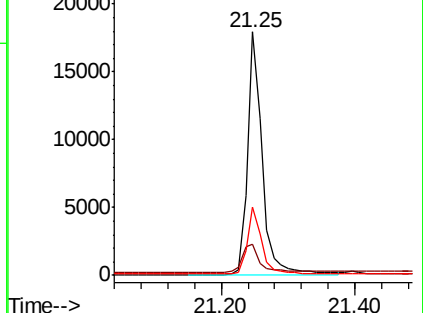
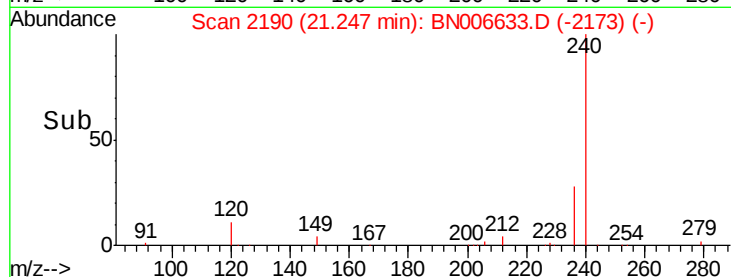


Abundance

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: 0.462 ng

RT: 19.68 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN006633.D

Acq: 29 Jun 2019 02:47

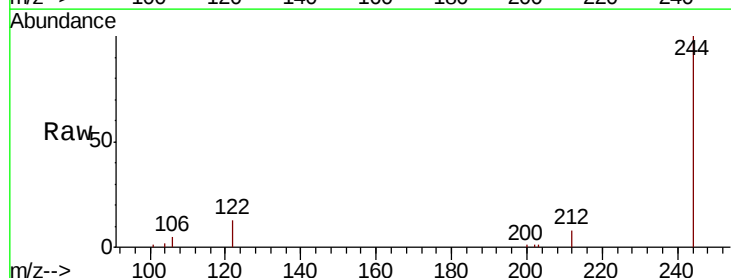
Tgt Ion:244 Resp: 26140

Ion Ratio Lower Upper

244 100

212 8.2 6.7 10.1

122 12.6 11.0 16.6

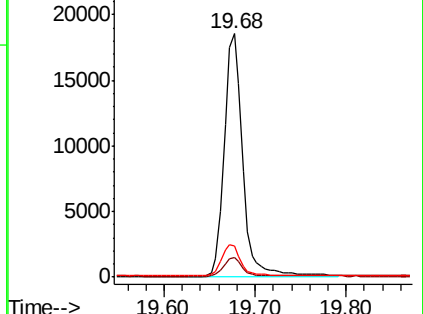
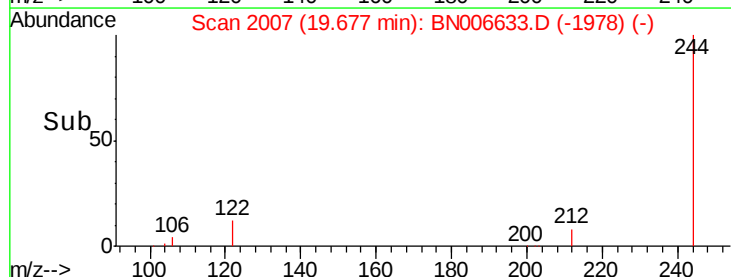


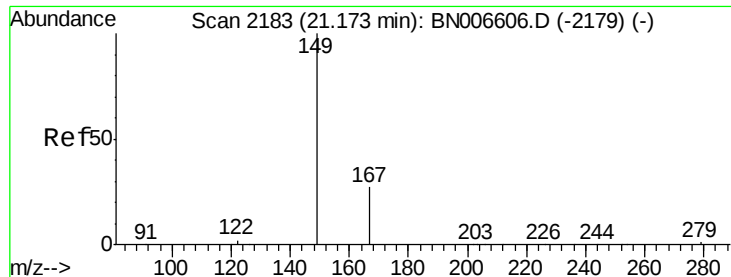
Abundance

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

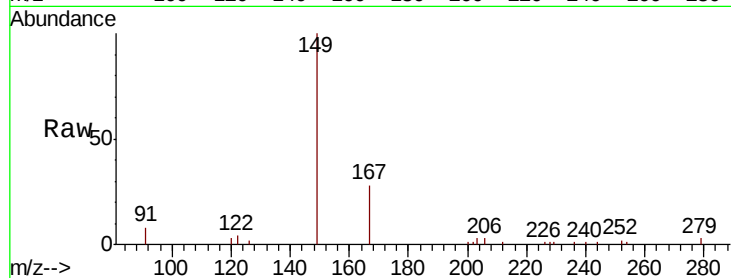




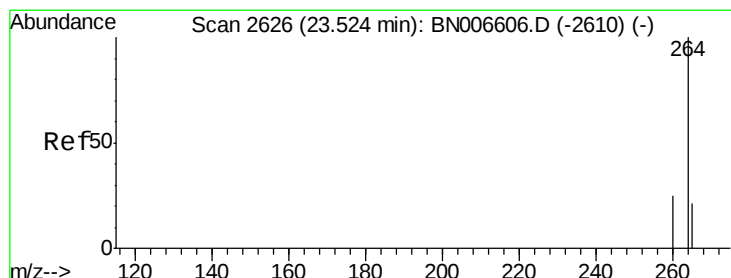
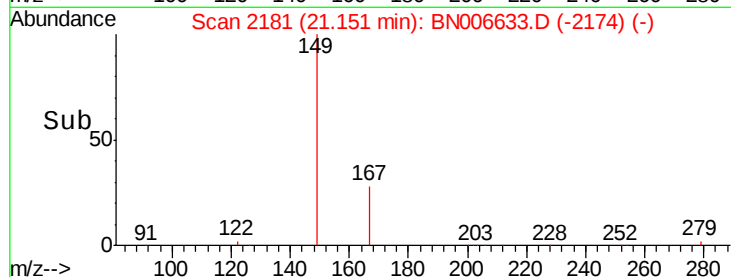
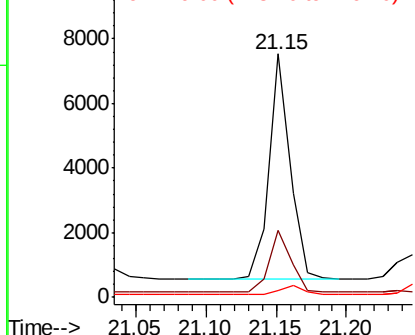
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.167 ng
 RT: 21.15 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BN006633.D
 Acq: 29 Jun 2019 02:47

Instrument :
 BNA_N
 ClientSampleId :
 FB

Tgt Ion:149 Resp: 7413
 Ion Ratio Lower Upper
 149 100
 167 28.4 22.9 34.3
 279 4.3 3.3 4.9

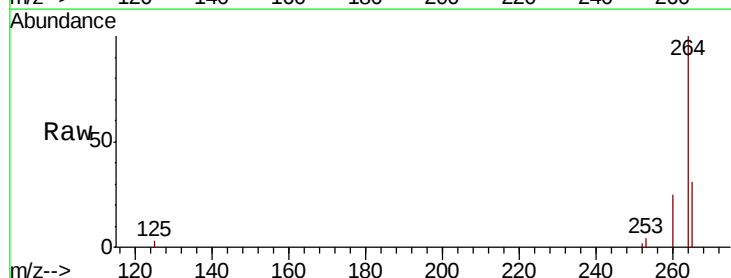


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2613
 Delta R.T. -0.04 min
 Lab File: BN006633.D
 Acq: 29 Jun 2019 02:47

Tgt Ion:264 Resp: 27130
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 30.7 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

