

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082119\
 Data File : BN007291.D
 Acq On : 21 Aug 2019 13:15
 Operator : HP/JU
 Sample : K4336-02RE
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 21 15:31:24 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 20 18:52:43 2019
 Response via : Initial Calibration

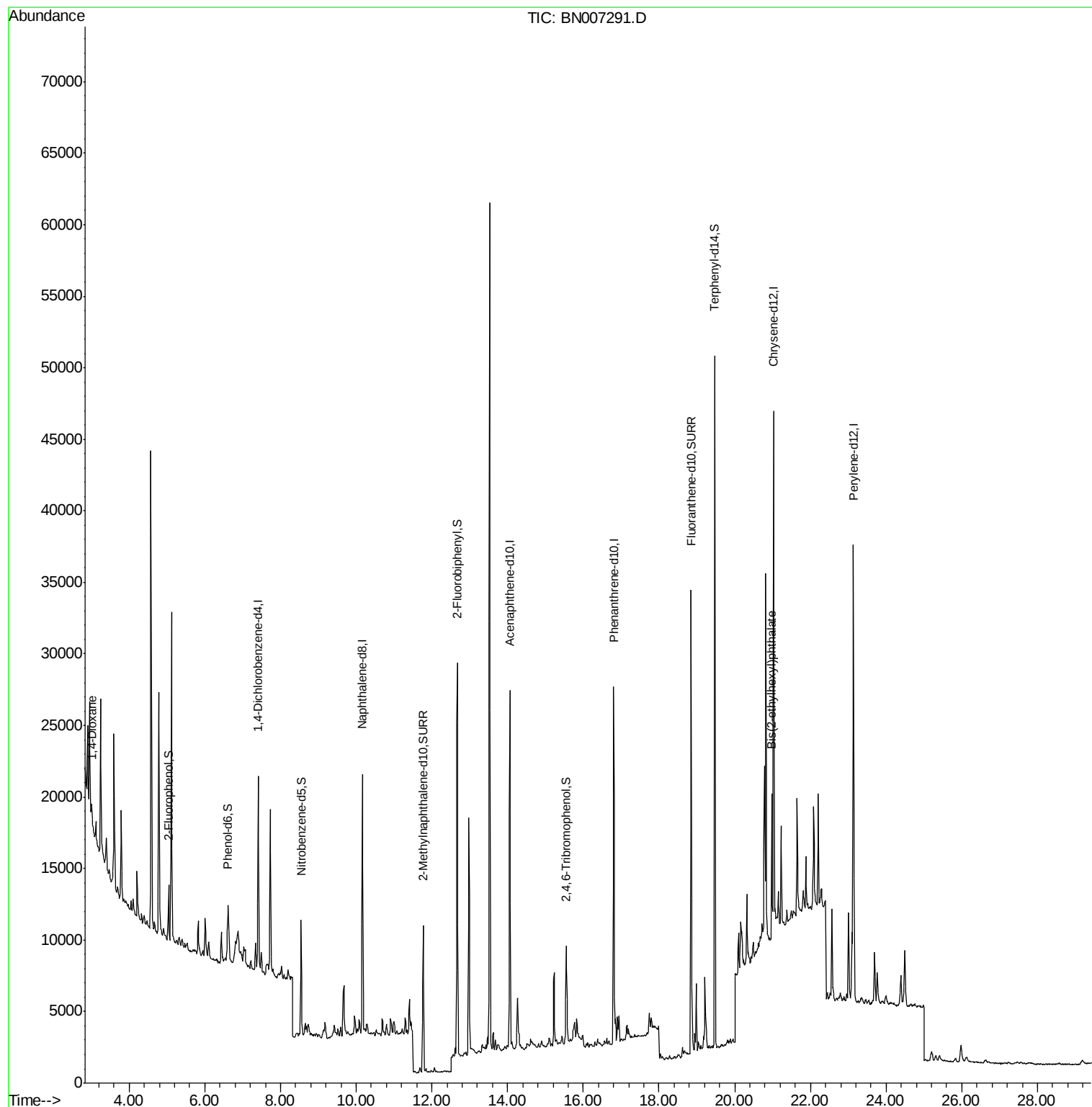
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	6372	0.40	ng	0.00
7) Naphthalene-d8	10.16	136	24417	0.40	ng	0.00
13) Acenaphthene-d10	14.06	164	14471	0.40	ng	0.00
19) Phenanthrene-d10	16.80	188	33878	0.40	ng	0.00
27) Chrysene-d12	21.03	240	33934	0.40	ng	0.00
34) Perylene-d12	23.14	264	38095	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.04	112	3108	0.16	ng	0.00
5) Phenol-d6	6.60	99	2468	0.10	ng	0.00
8) Nitrobenzene-d5	8.54	82	6398	0.34	ng	0.00
11) 2-Methylnaphthalene-d10	11.77	152	14597	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.55	330	5024	0.62	ng	0.00
15) 2-Fluorobiphenyl	12.68	172	24945	0.40	ng	0.00
25) Fluoranthene-d10	18.85	212	38372	0.36	ng	0.00
29) Terphenyl-d14	19.47	244	49368	0.58	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.01	88	1003	0.111	ng	Qvalue # 66
32) Bis(2-ethylhexyl)phthalate	20.98	149	8926	0.177	ng	98

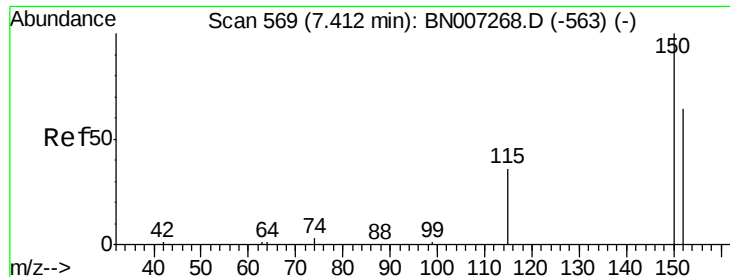
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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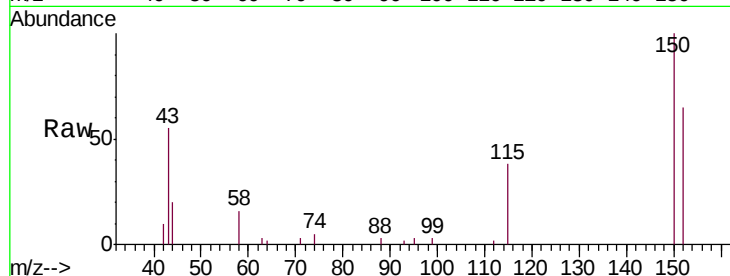


#1

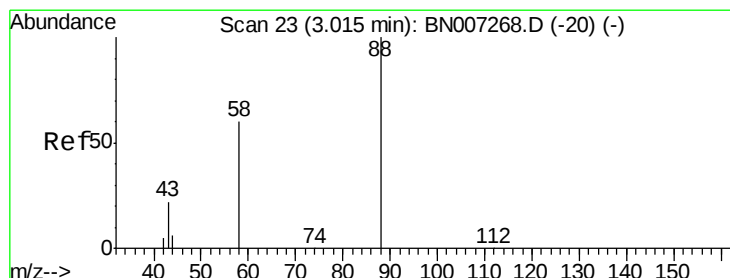
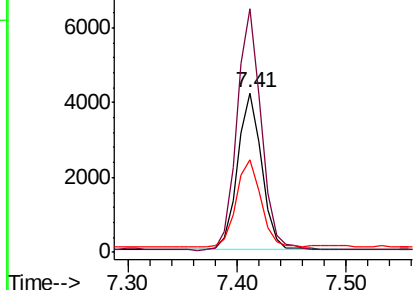
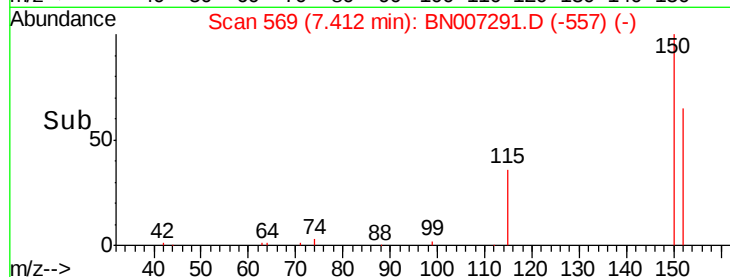
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.41 min Scan# 569
Delta R.T. -0.00 min
Lab File: BN007291.D
Acq: 21 Aug 2019 13:15

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 6372
Ion Ratio Lower Upper
152 100
150 152.8 123.8 185.8
115 58.4 47.3 70.9



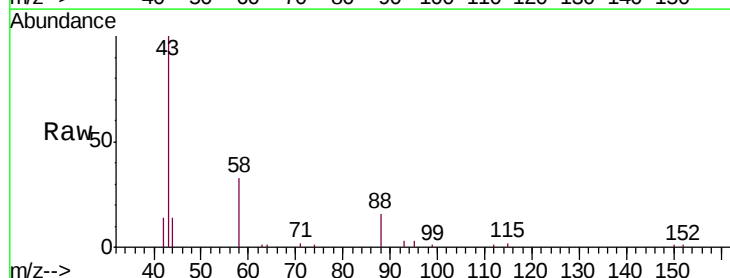
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



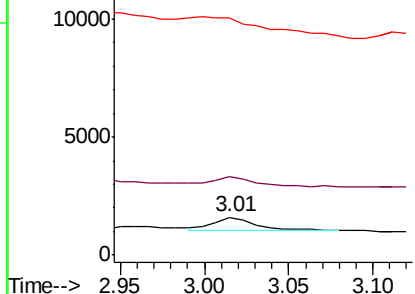
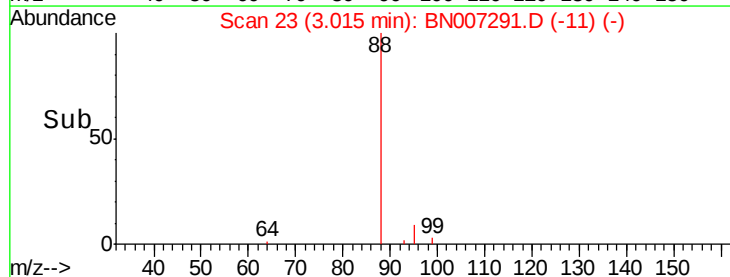
#2

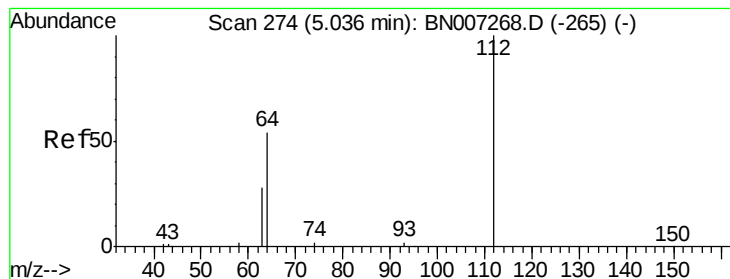
1,4-Dioxane
Concen: 0.111 ng
RT: 3.01 min Scan# 23
Delta R.T. -0.00 min
Lab File: BN007291.D
Acq: 21 Aug 2019 13:15

Tgt Ion: 88 Resp: 1003
Ion Ratio Lower Upper
88 100
58 76.9 45.5 68.3#
43 0.0 20.4 30.6#



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: 0.160 ng

RT: 5.04 min Scan# 275

Delta R.T. 0.01 min

Lab File: BN007291.D

Acq: 21 Aug 2019 13:15

Instrument :

BNA_N

ClientSampled :

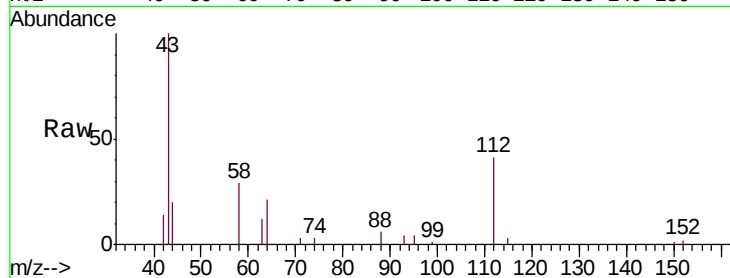
Tot Ion: 112 Resp: 3108

Ion Ratio Lower Upper

112 100

64 51.8 41.8 62.8

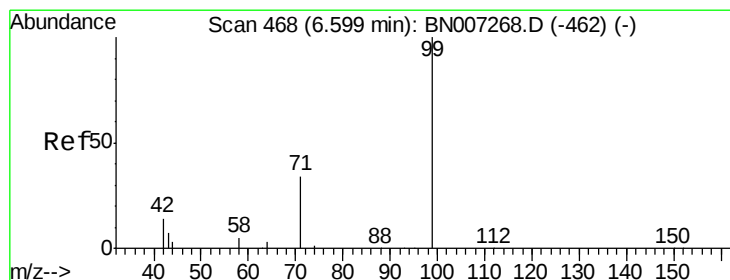
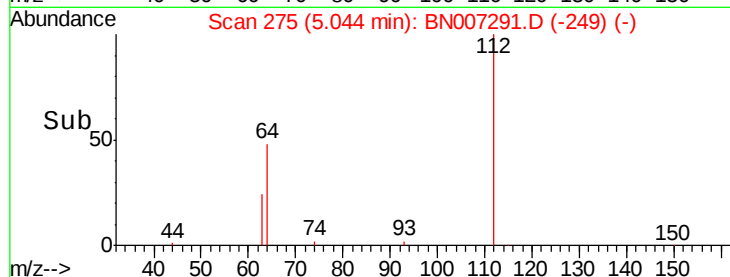
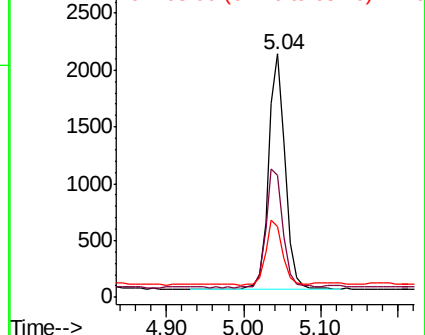
63 27.4 22.6 34.0



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: 0.100 ng

RT: 6.60 min Scan# 468

Delta R.T. 0.00 min

Lab File: BN007291.D

Acq: 21 Aug 2019 13:15

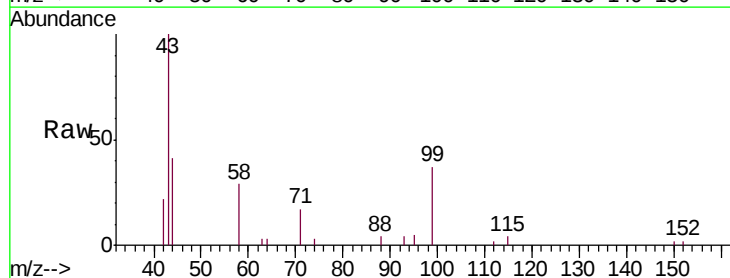
Tgt Ion: 99 Resp: 2468

Ion Ratio Lower Upper

99 100

42 35.5 14.3 21.5#

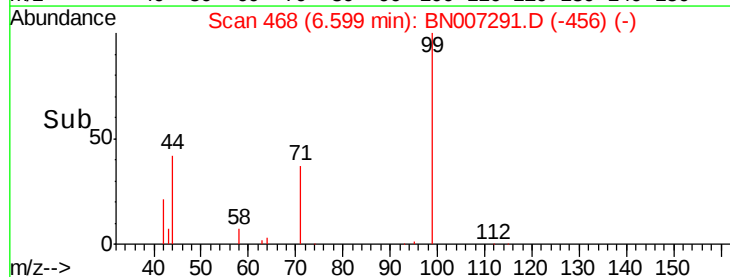
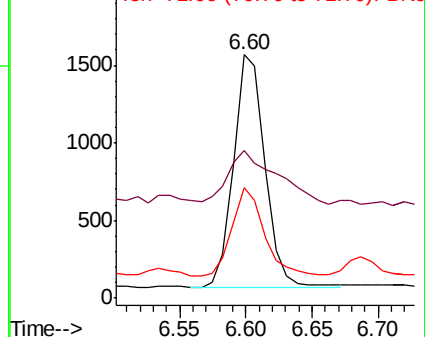
71 40.7 27.3 40.9

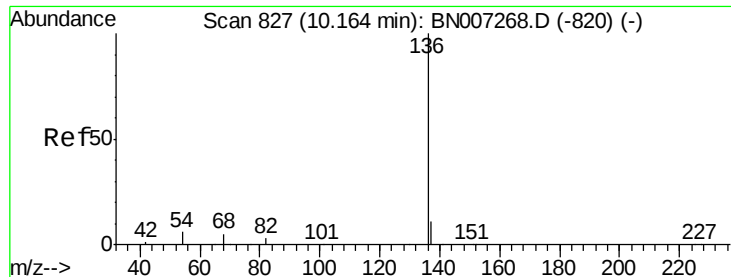


Abundance Ion 99.00 (98.70 to 99.70): BNC

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: 10.16 min Scan# 827

Delta R.T. -0.00 min

Lab File: BN007291.D

Acq: 21 Aug 2019 13:15

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 24417

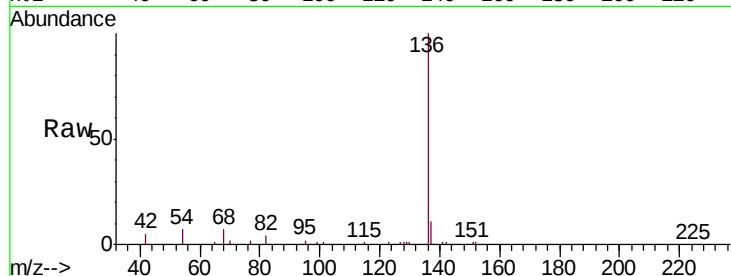
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 6.9 5.9 8.9

68 6.5 5.6 8.4

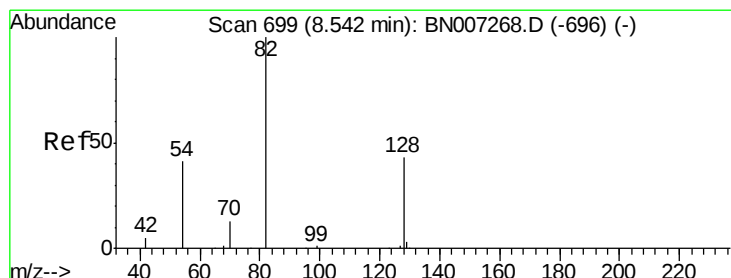
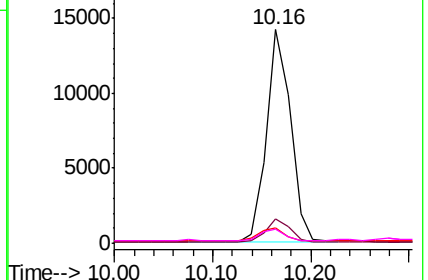
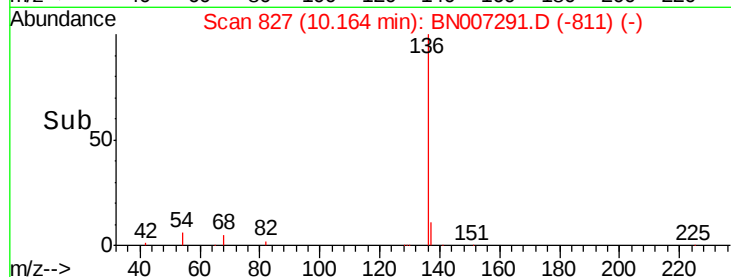


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.341 ng

RT: 8.54 min Scan# 699

Delta R.T. -0.00 min

Lab File: BN007291.D

Acq: 21 Aug 2019 13:15

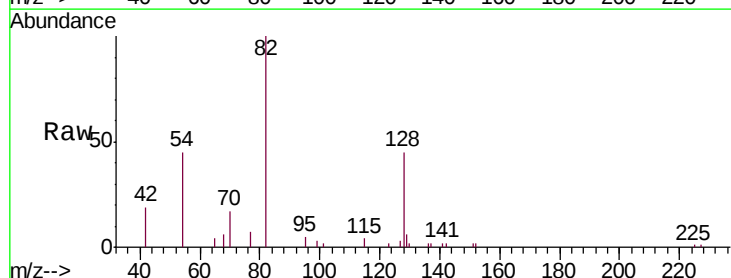
Tgt Ion: 82 Resp: 6398

Ion Ratio Lower Upper

82 100

128 44.9 35.8 53.6

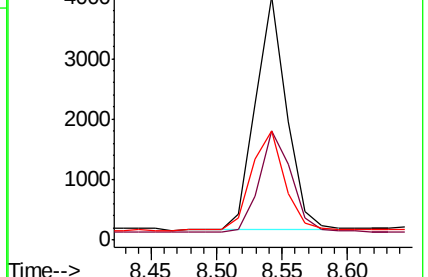
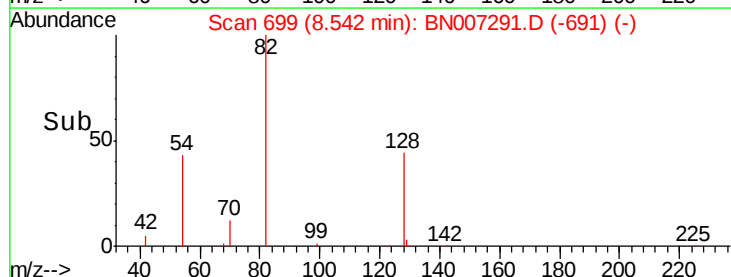
54 44.8 34.7 52.1

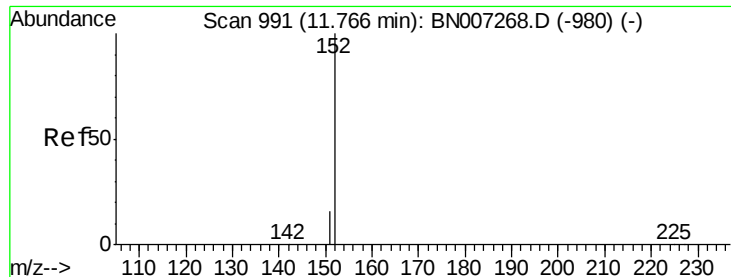


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

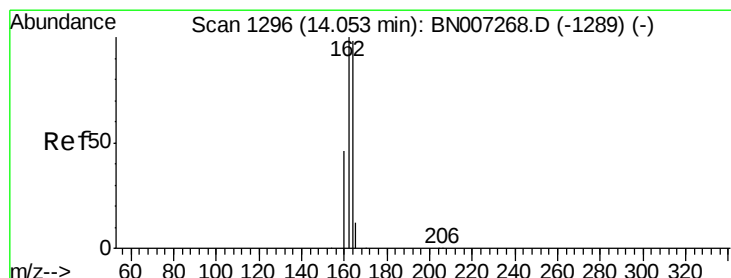
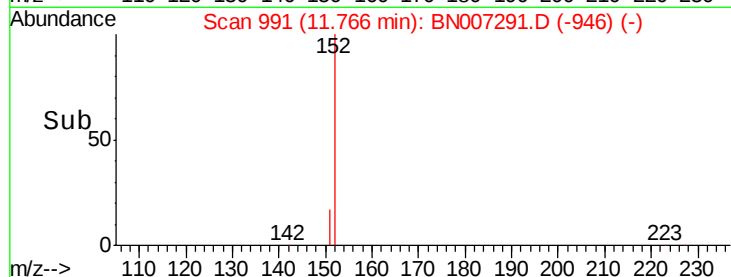
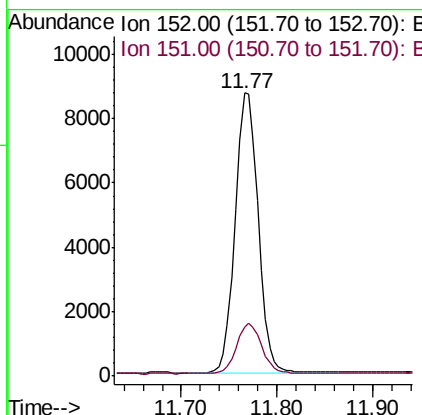
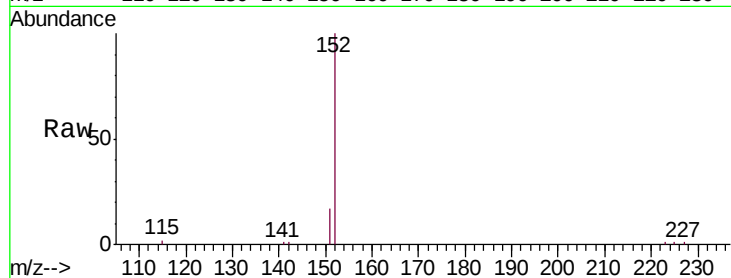




#11
2-Methylnaphthalene-d10
Concen: 0.346 ng
RT: 11.77 min Scan# 991
Delta R.T. -0.00 min
Lab File: BN007291.D
Acq: 21 Aug 2019 13:15

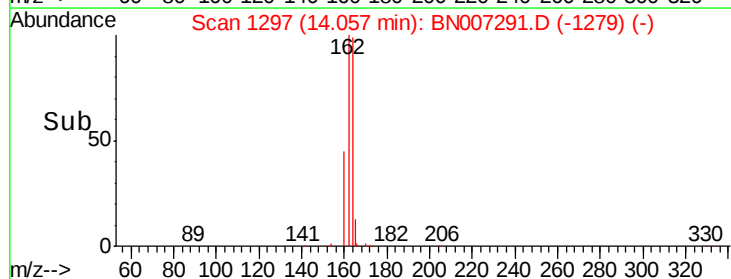
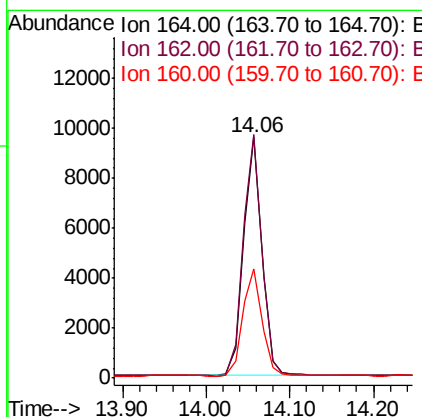
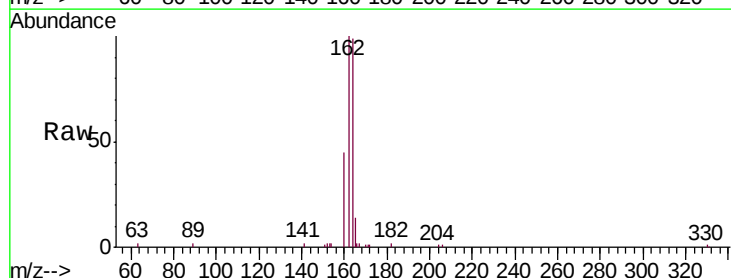
Instrument :
BNA_N
ClientSampled :

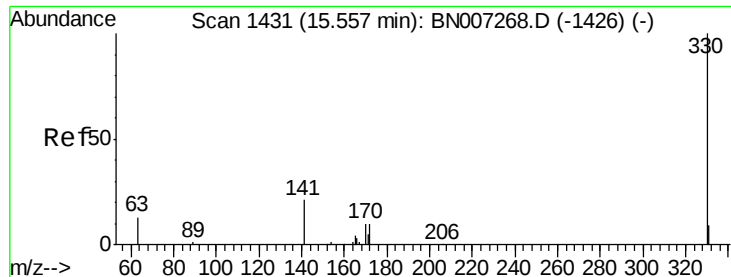
Tot Ion:152 Resp: 14597
Ion Ratio Lower Upper
152 100
151 19.7 15.2 22.8



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.06 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BN007291.D
Acq: 21 Aug 2019 13:15

Tgt Ion:164 Resp: 14471
Ion Ratio Lower Upper
164 100
162 101.2 82.0 123.0
160 45.6 38.2 57.4

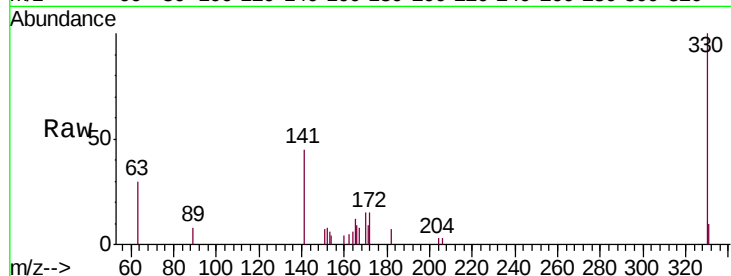




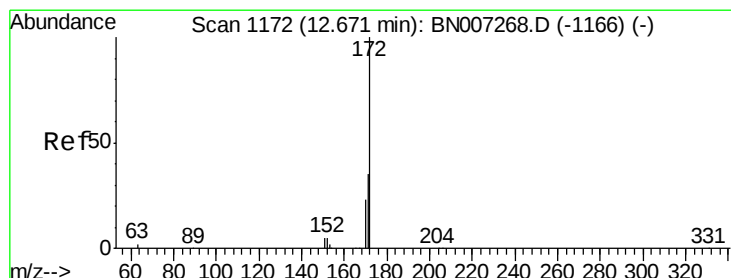
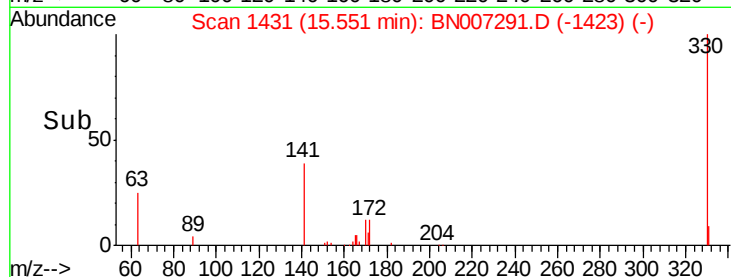
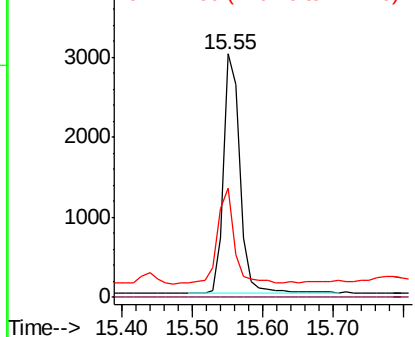
#14
 2,4,6-Tribromophenol
 Concen: 0.618 ng
 RT: 15.55 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BN007291.D
 Acq: 21 Aug 2019 13:15

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:330 Resp: 5024
 Ion Ratio Lower Upper
 330 100
 332 0.0 0.0 0.0
 141 39.4 30.3 45.5

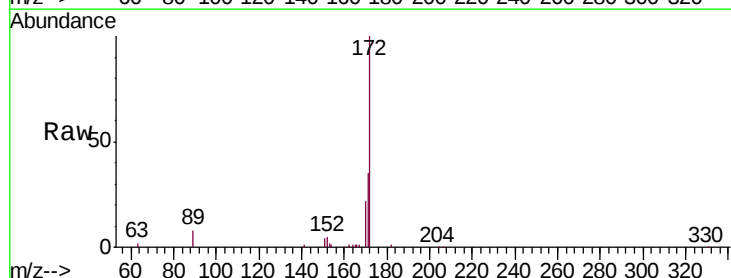


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

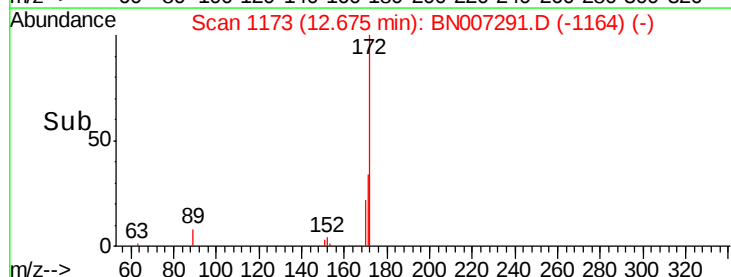
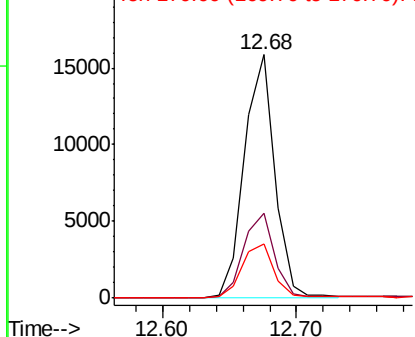


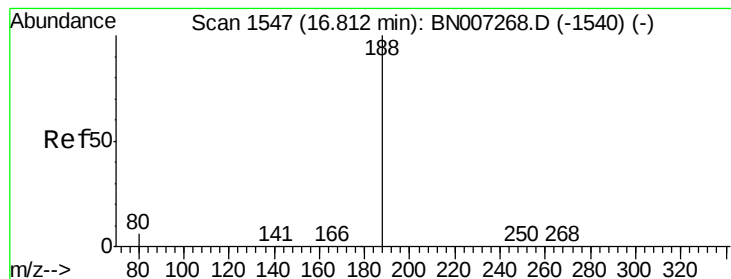
#15
 2-Fluorobiphenyl
 Concen: 0.402 ng
 RT: 12.68 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BN007291.D
 Acq: 21 Aug 2019 13:15

Tgt Ion:172 Resp: 24945
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 43.0
 170 22.3 18.7 28.1



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: 16.80 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BN007291.D

Acq: 21 Aug 2019 13:15

Instrument :

BNA_N

ClientSampleId :

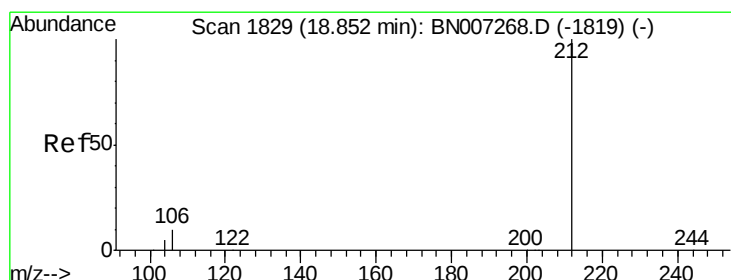
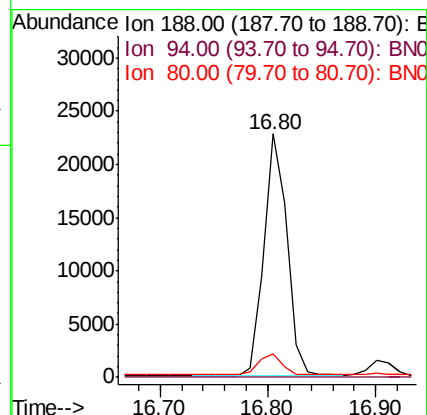
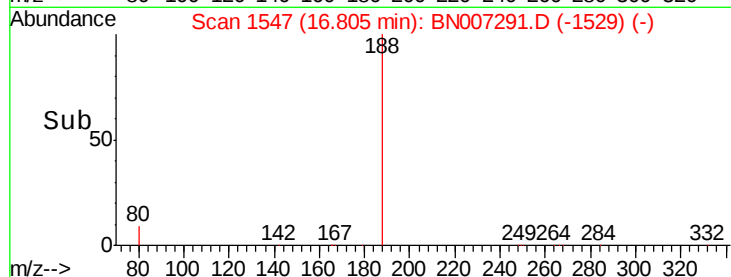
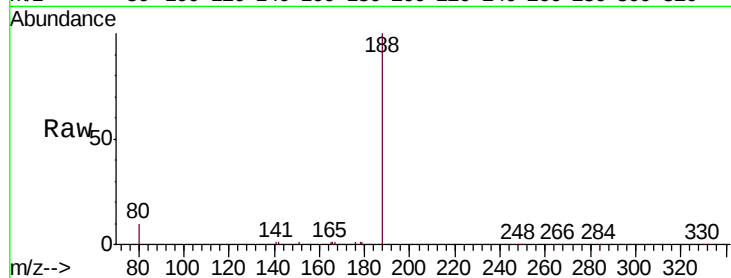
Tot Ion:188 Resp: 33878

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 9.7 5.2 7.8#



#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 18.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BN007291.D

Acq: 21 Aug 2019 13:15

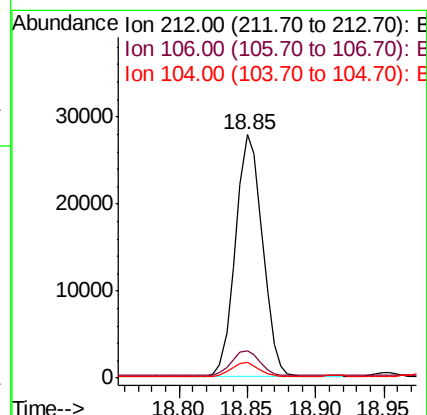
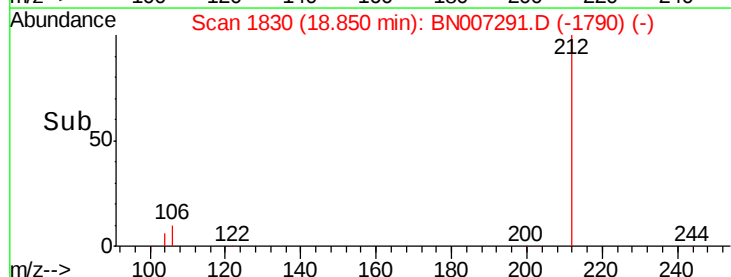
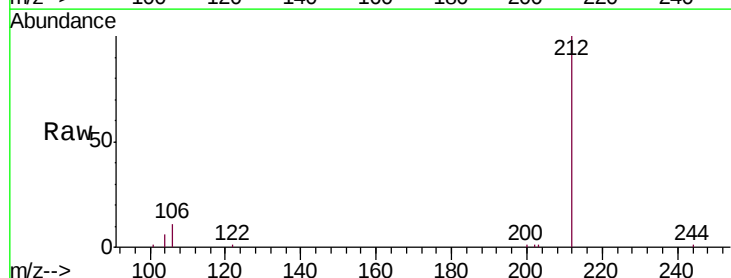
Tgt Ion:212 Resp: 38372

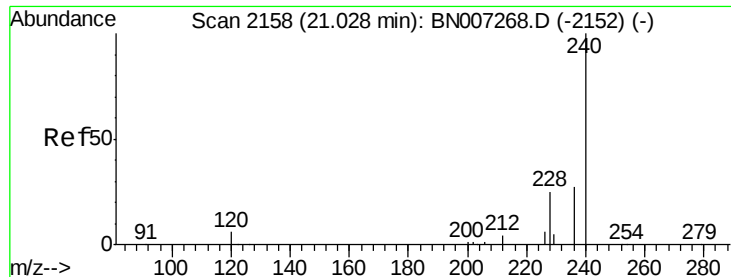
Ion Ratio Lower Upper

212 100

106 10.7 8.2 12.4

104 5.9 4.7 7.1





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.03 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BN007291.D

Acq: 21 Aug 2019 13:15

Instrument :

BNA_N

ClientSampleId :

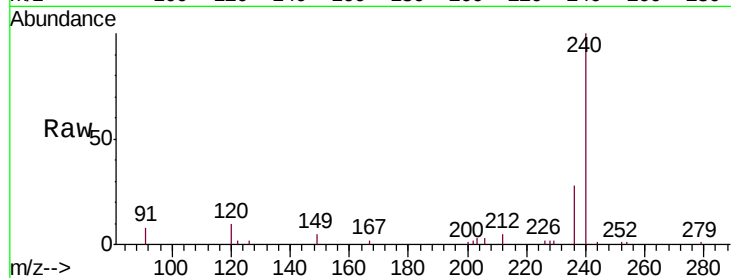
Tot Ion:240 Resp: 33934

Ion Ratio Lower Upper

240 100

120 10.3 5.6 8.4#

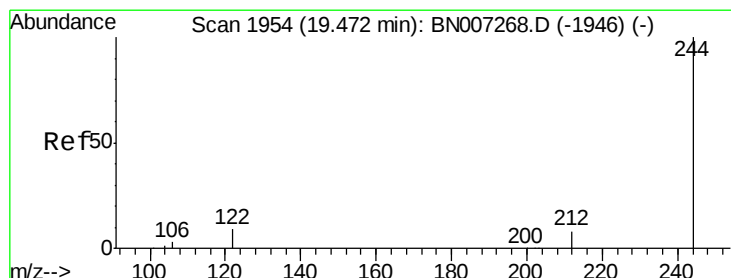
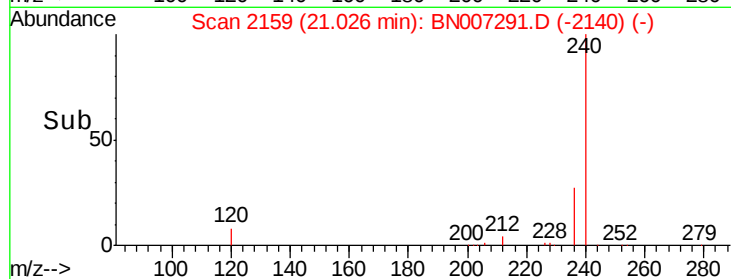
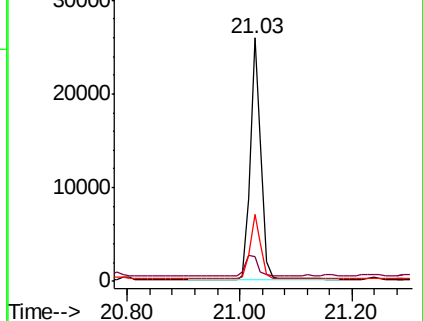
236 27.6 21.6 32.4



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: 0.582 ng

RT: 19.47 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BN007291.D

Acq: 21 Aug 2019 13:15

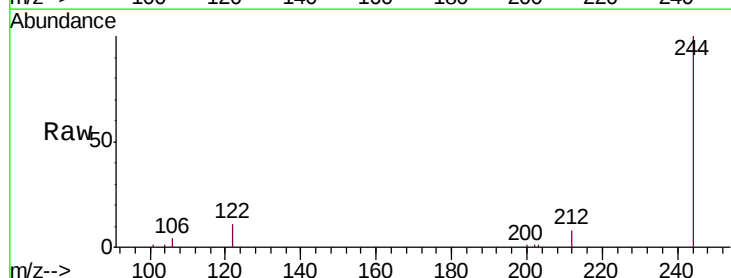
Tgt Ion:244 Resp: 49368

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

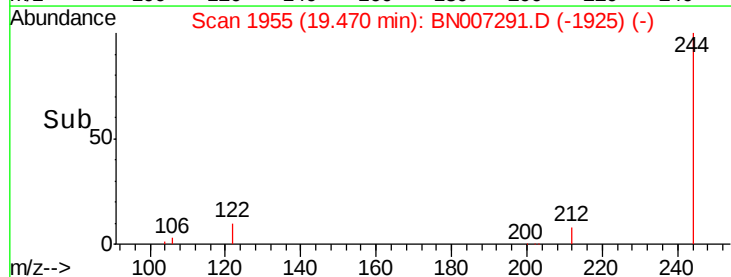
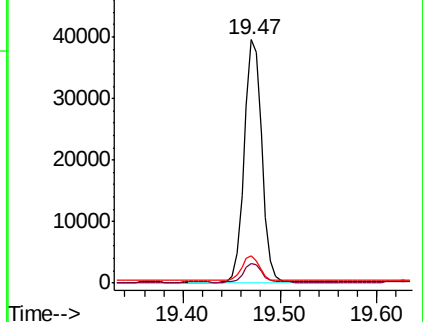
122 11.0 7.9 11.9

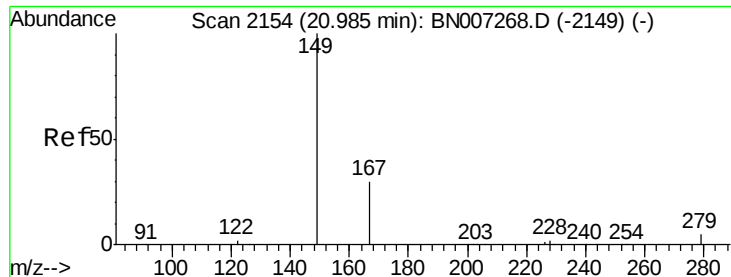


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.177 ng

RT: 20.98 min Scan# 2155

Delta R.T. -0.00 min

Lab File: BN007291.D

Acq: 21 Aug 2019 13:15

Instrument :

BNA_N

ClientSampleId :

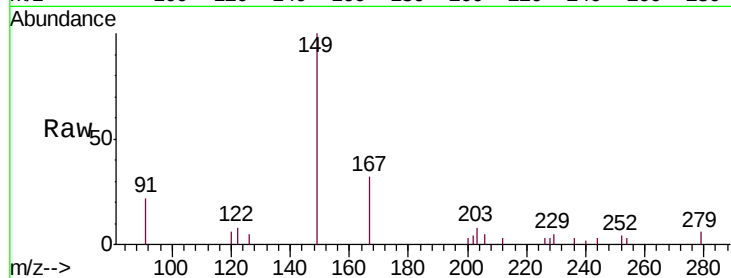
Tot Ion:149 Resp: 8926

Ion Ratio Lower Upper

149 100

167 31.0 23.8 35.6

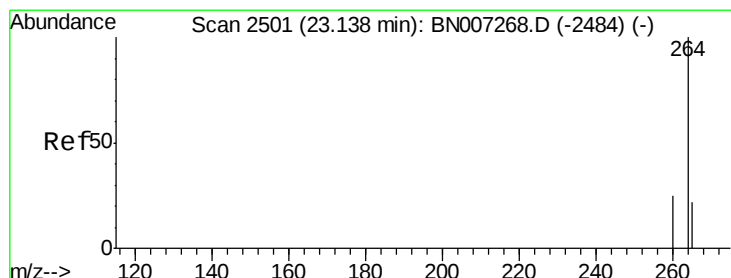
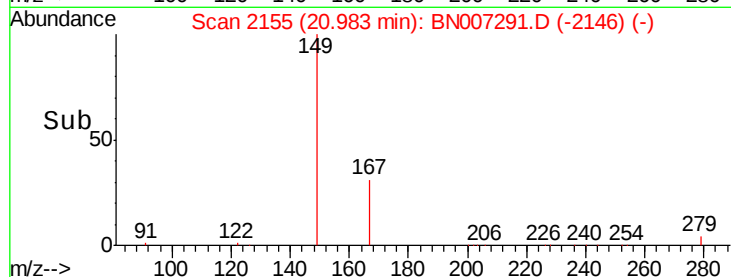
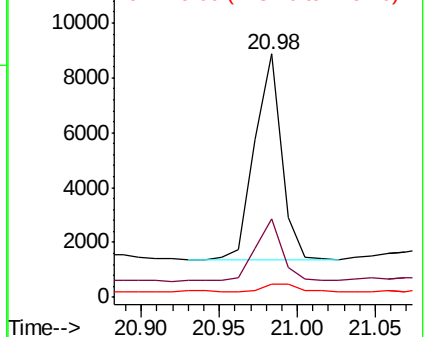
279 4.7 3.8 5.8



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: 23.14 min Scan# 2503

Delta R.T. 0.00 min

Lab File: BN007291.D

Acq: 21 Aug 2019 13:15

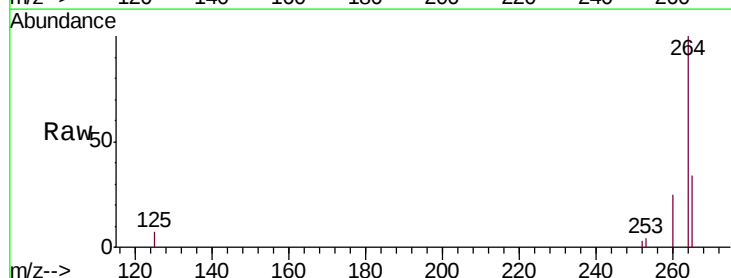
Tgt Ion:264 Resp: 38095

Ion Ratio Lower Upper

264 100

260 25.0 20.1 30.1

265 33.9 29.0 43.6



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

