

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
 Data File : BN007565.D
 Acq On : 09 Sep 2019 00:01
 Operator : HP/JU
 Sample : K4754-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 09 04:48:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 12:18:45 2019
 Response via : Initial Calibration

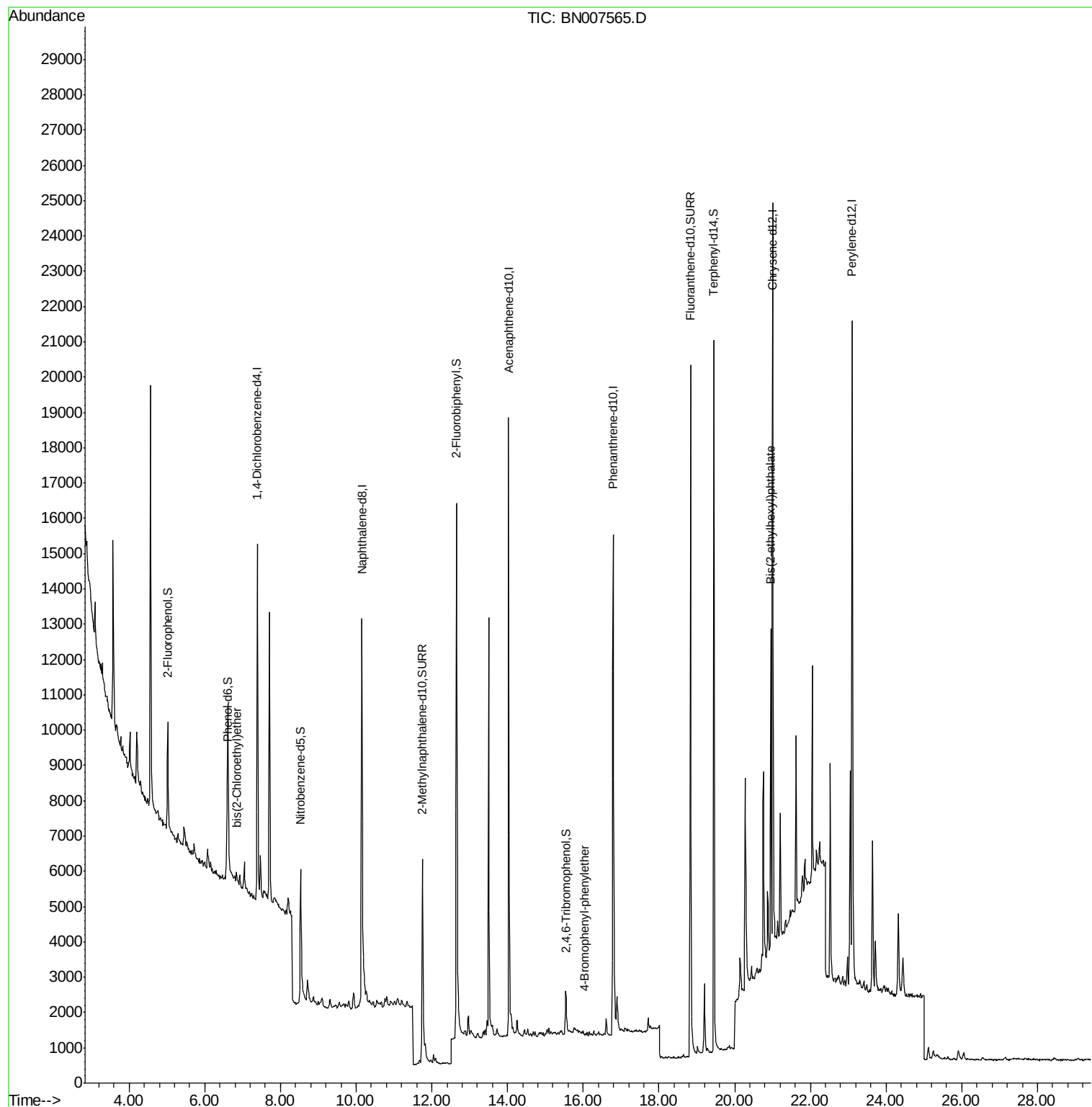
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	5370	0.40	ng	-0.02
7) Naphthalene-d8	10.15	136	20117	0.40	ng	-0.01
13) Acenaphthene-d10	14.03	164	11028	0.40	ng	-0.02
19) Phenanthrene-d10	16.79	188	22492	0.40	ng	-0.01
27) Chrysene-d12	21.01	240	21835	0.40	ng	-0.01
34) Perylene-d12	23.10	264	24386	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	2825	0.13	ng	-0.02
5) Phenol-d6	6.58	99	2279	0.07	ng	0.00
8) Nitrobenzene-d5	8.53	82	5519	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	11.75	152	11536	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.55	330	1305	0.23	ng	-0.01
15) 2-Fluorobiphenyl	12.65	172	16897	0.38	ng	-0.01
25) Fluoranthene-d10	18.83	212	25670	0.35	ng	-0.01
29) Terphenyl-d14	19.45	244	22449	0.39	ng	-0.01
Target Compounds						
6) bis(2-Chloroethyl)ether	6.84	93	442	0.023	ng	# 35
20) 4-Bromophenyl-phenylether	16.04	248	219	0.025	ng	# 37
32) Bis(2-ethylhexyl)phthalate	20.95	149	7886	0.123	ng	98

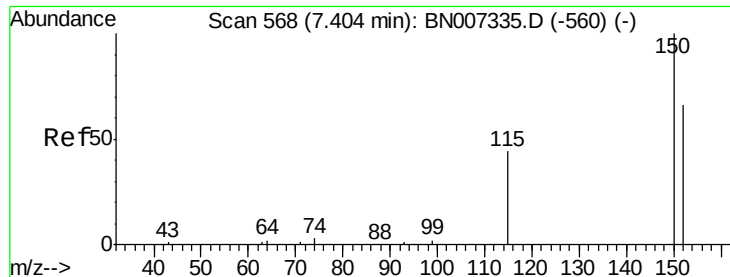
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090819\
Data File : BN007565.D
Acq On : 09 Sep 2019 00:01
Operator : HP/JU
Sample : K4754-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 09 04:48:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 12:18:45 2019
Response via : Initial Calibration



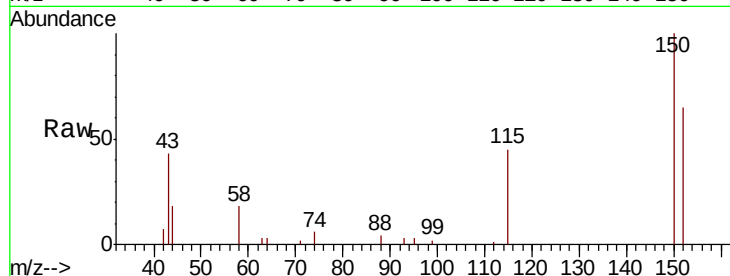


#1

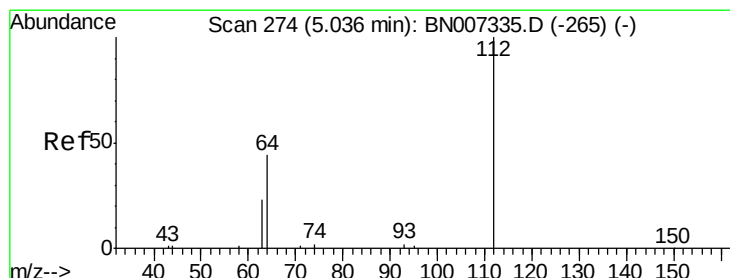
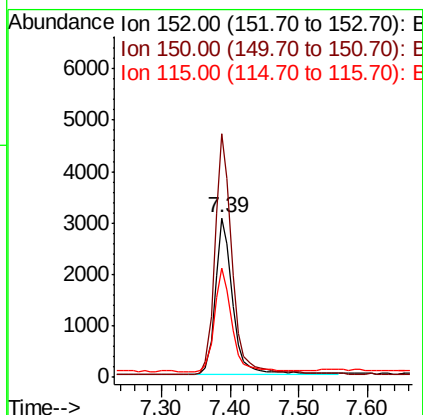
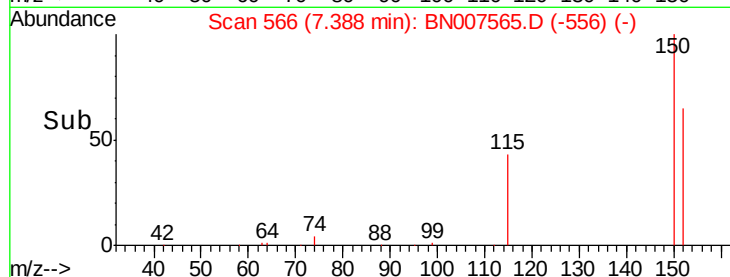
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 566
Delta R.T. -0.02 min
Lab File: BN007565.D
Acq: 09 Sep 2019 00:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:152 Resp: 5370
Ion Ratio Lower Upper
152 100
150 152.8 109.1 163.7
115 68.7 59.6 89.4



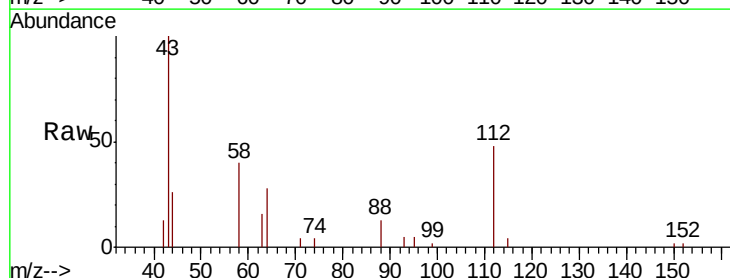
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



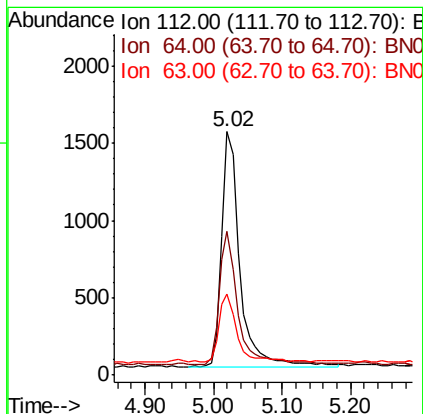
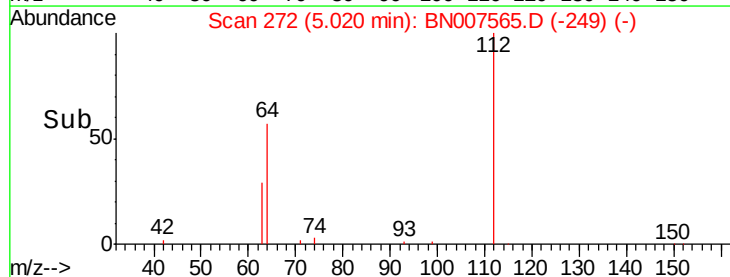
#4

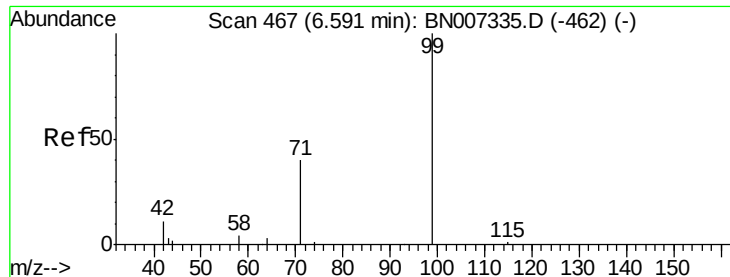
2-Fluorophenol
Concen: 0.133 ng
RT: 5.02 min Scan# 272
Delta R.T. -0.02 min
Lab File: BN007565.D
Acq: 09 Sep 2019 00:01

Tgt Ion:112 Resp: 2825
Ion Ratio Lower Upper
112 100
64 56.1 42.3 63.5
63 28.3 23.6 35.4



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





#5

Phenol-d6

Concen: 0.071 ng

RT: 6.58 min Scan# 466

Delta R.T. -0.01 min

Lab File: BN007565.D

Acq: 09 Sep 2019 00:01

Instrument :

BNA_N

ClientSampleId :

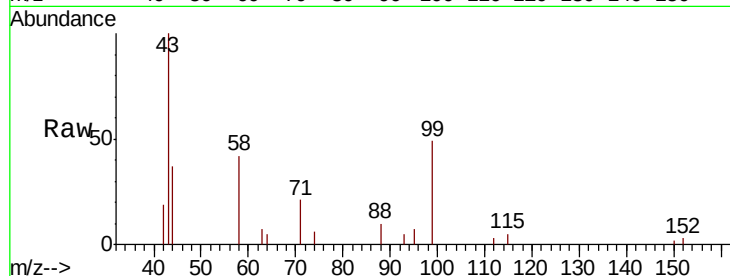
Tot Ion: 99 Resp: 2279

Ion Ratio Lower Upper

99 100

42 0.0 11.2 16.8#

71 36.2 31.8 47.8



Abundance Ion 99.00 (98.70 to 99.70): BN007565.D (-462) (-)

Ion 42.00 (41.70 to 42.70): BN007565.D (-462) (-)

Ion 71.00 (70.70 to 71.70): BN007565.D (-462) (-)

6.58

1500

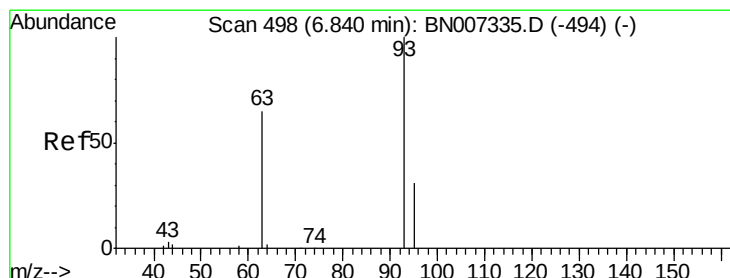
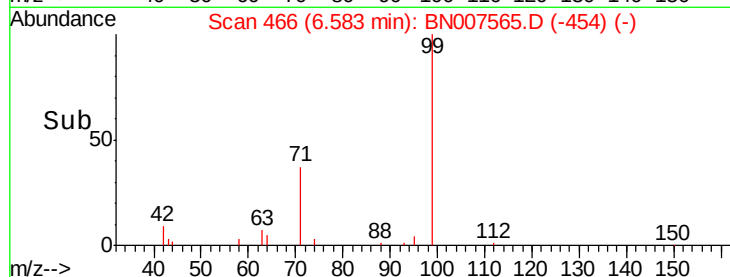
1000

500

0

6.50 6.60 6.70 6.80

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.023 ng

RT: 6.84 min Scan# 498

Delta R.T. 0.00 min

Lab File: BN007565.D

Acq: 09 Sep 2019 00:01

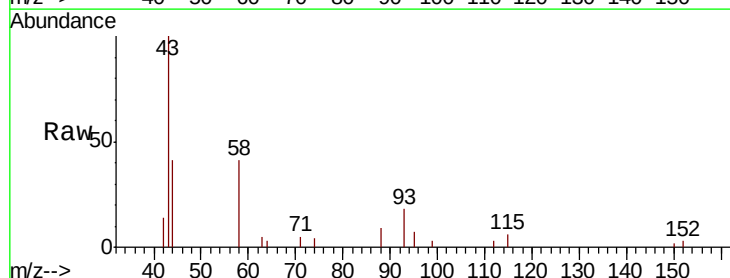
Tgt Ion: 93 Resp: 442

Ion Ratio Lower Upper

93 100

63 0.0 51.9 77.9#

95 16.3 27.7 41.5#



Abundance Ion 93.00 (92.70 to 93.70): BN007565.D (-494) (-)

Ion 63.00 (62.70 to 63.70): BN007565.D (-494) (-)

Ion 95.00 (94.70 to 95.70): BN007565.D (-494) (-)

6.84

500

400

300

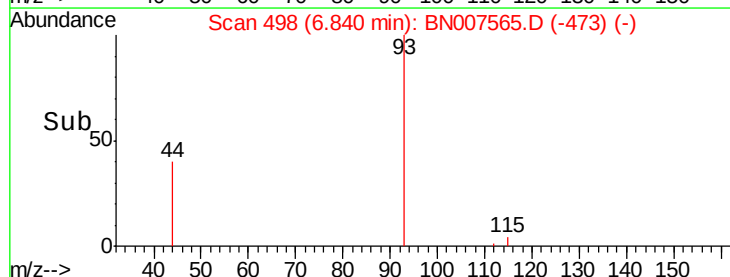
200

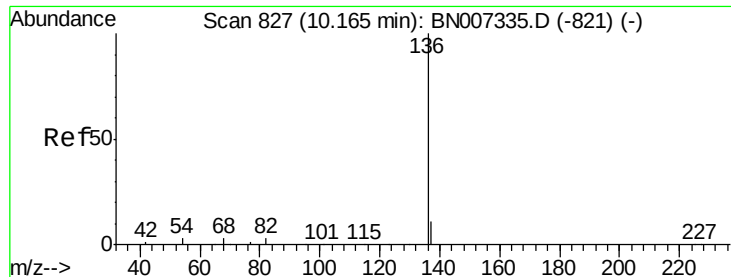
100

0

6.80 6.85 6.90

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 826

Delta R.T. -0.01 min

Lab File: BN007565.D

Acq: 09 Sep 2019 00:01

Instrument :

BNA_N

ClientSampleId :

Tot Ion:136 Resp: 20117

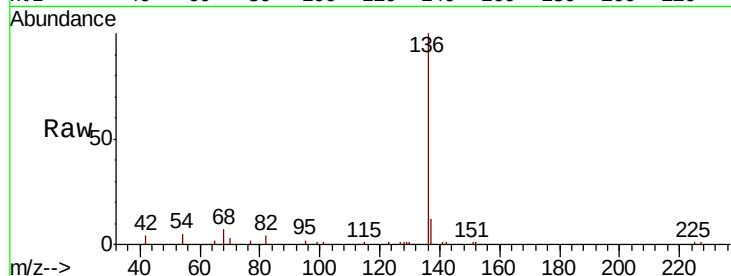
Ion Ratio Lower Upper

136 100

137 11.8 12.9 19.3#

54 4.7 8.6 12.8#

68 6.6 17.0 25.4#

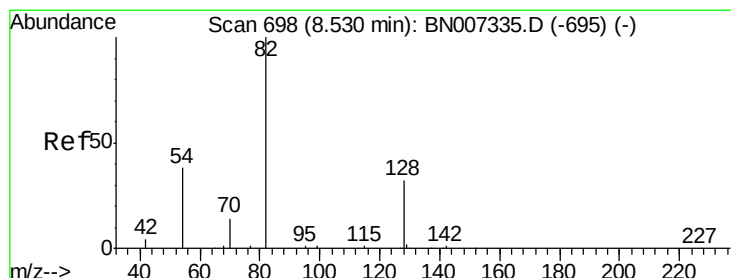
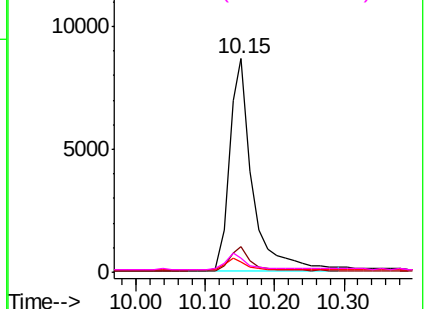
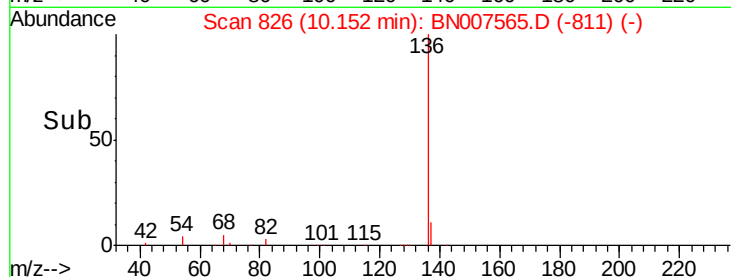


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.315 ng

RT: 8.53 min Scan# 698

Delta R.T. 0.00 min

Lab File: BN007565.D

Acq: 09 Sep 2019 00:01

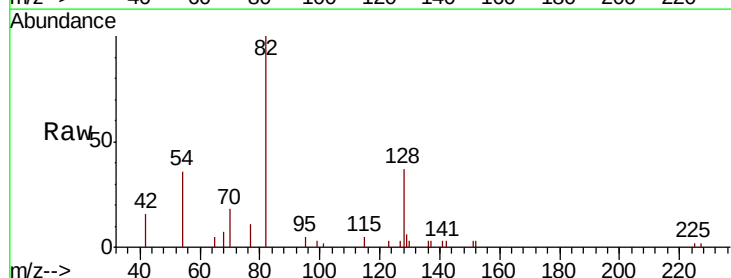
Tgt Ion: 82 Resp: 5519

Ion Ratio Lower Upper

82 100

128 37.1 19.7 29.5#

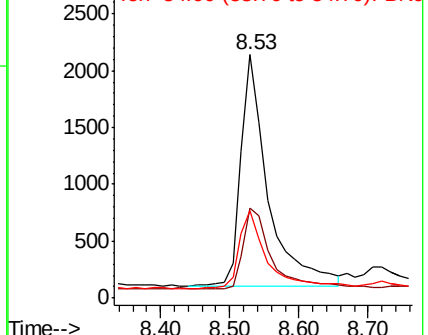
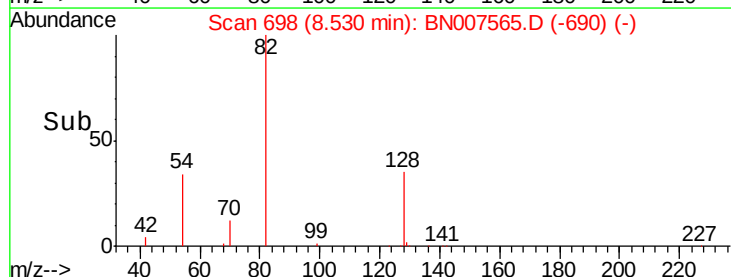
54 36.0 25.8 38.6

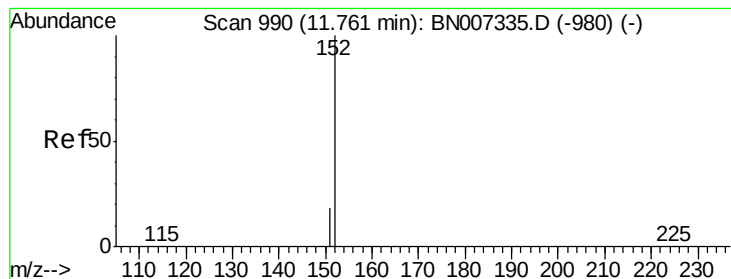


Abundance Ion 82.00 (81.70 to 82.70): BNC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BNC

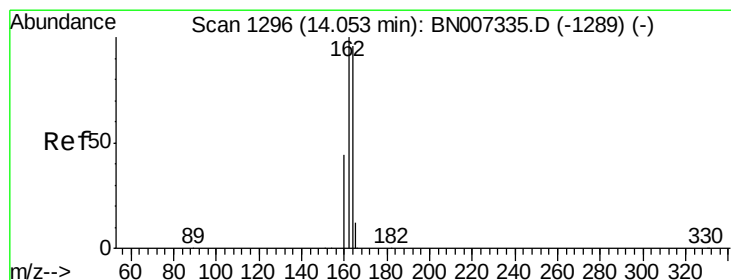
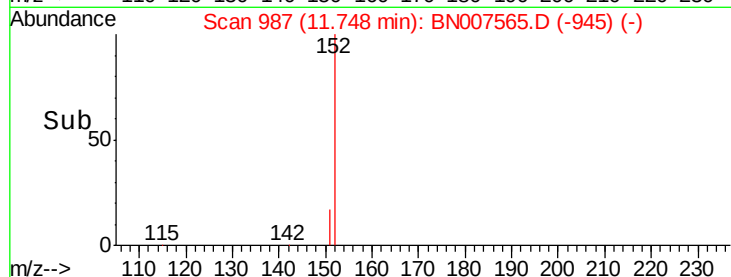
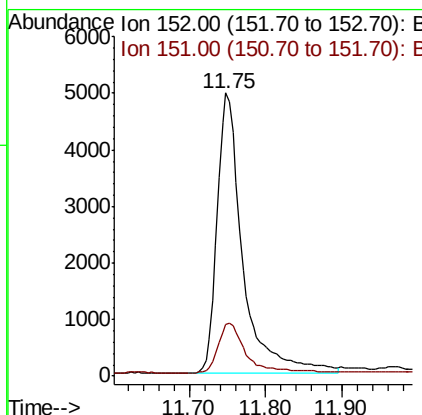
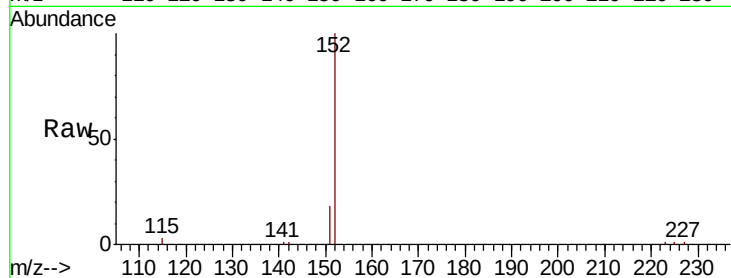




#11
2-Methylnaphthalene-d10
Concen: 0.345 ng
RT: 11.75 min Scan# 987
Delta R.T. -0.01 min
Lab File: BN007565.D
Acq: 09 Sep 2019 00:01

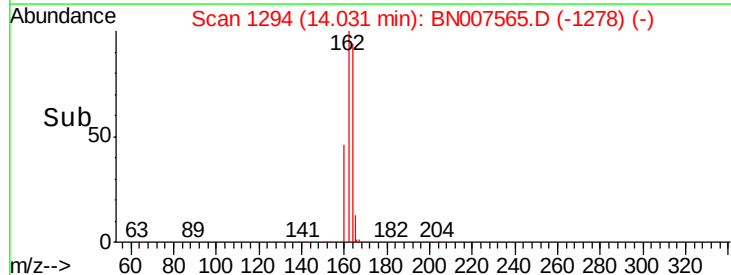
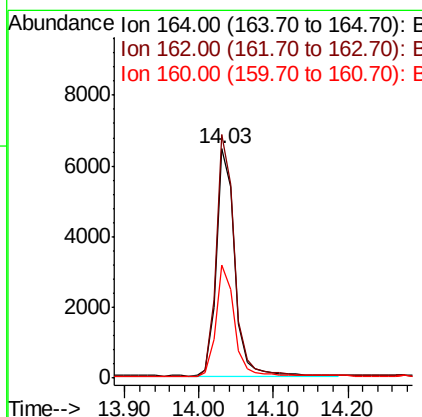
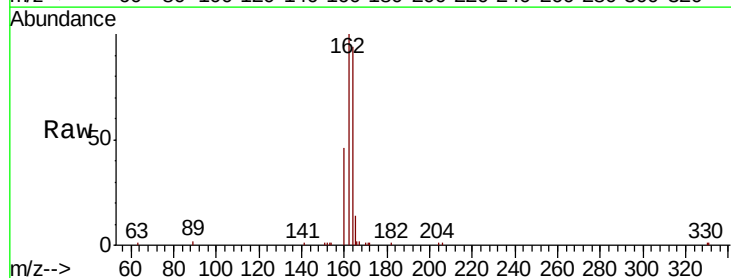
Instrument :
BNA_N
ClientSampled :

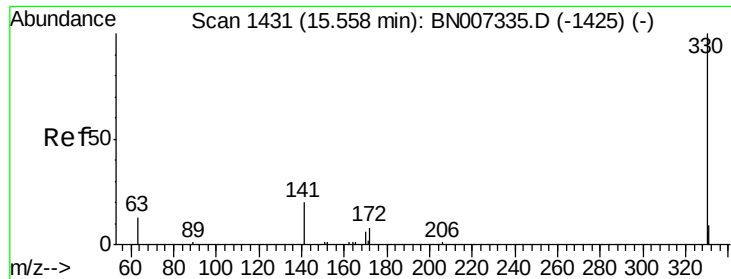
Tot Ion:152 Resp: 11536
Ion Ratio Lower Upper
152 100
151 19.0 16.2 24.2



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007565.D
Acq: 09 Sep 2019 00:01

Tgt Ion:164 Resp: 11028
Ion Ratio Lower Upper
164 100
162 106.2 83.5 125.3
160 49.1 38.2 57.4

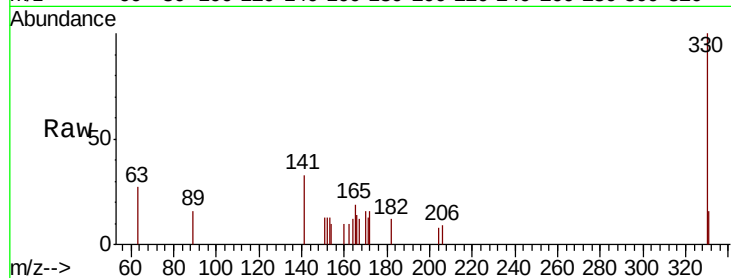




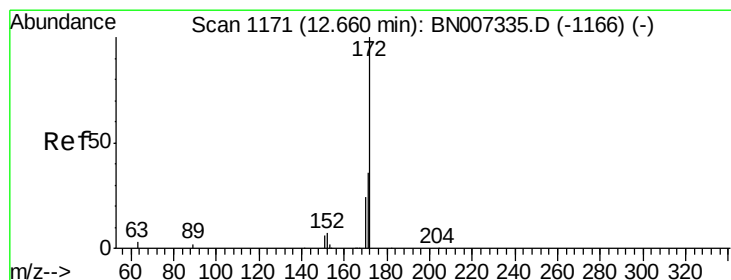
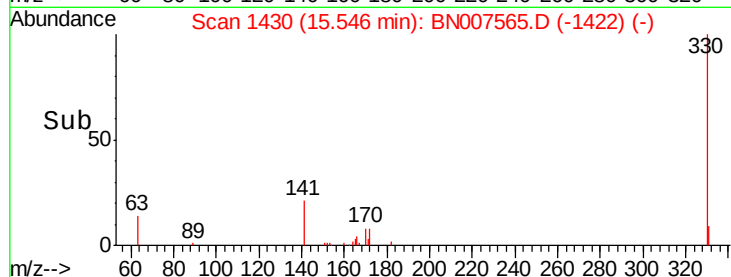
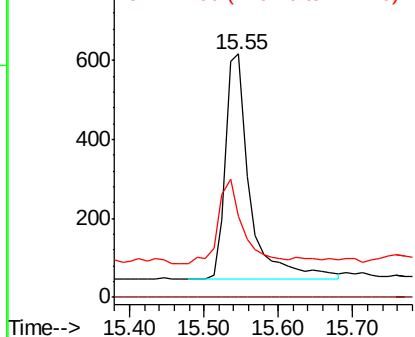
#14
2,4,6-Tribromophenol
Concen: 0.226 ng
RT: 15.55 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BN007565.D
Acq: 09 Sep 2019 00:01

Instrument :
BNA_N
ClientSampleId :

Tot Ion:330 Resp: 1305
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 37.7 26.9 40.3

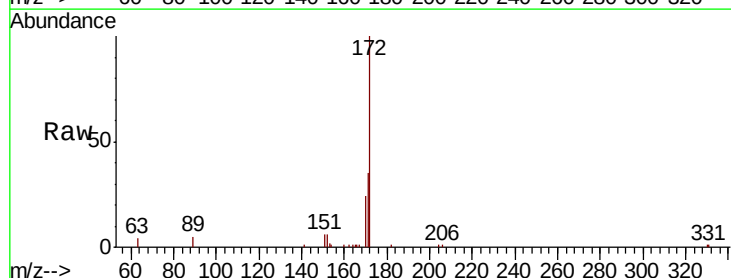


Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

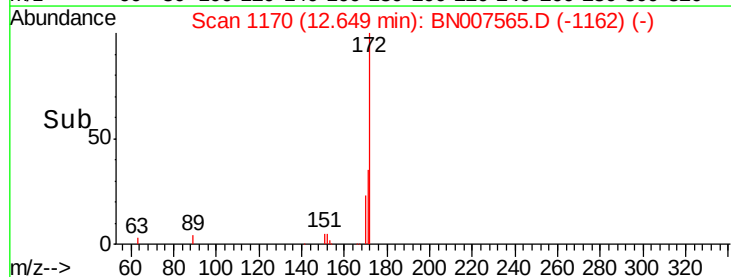
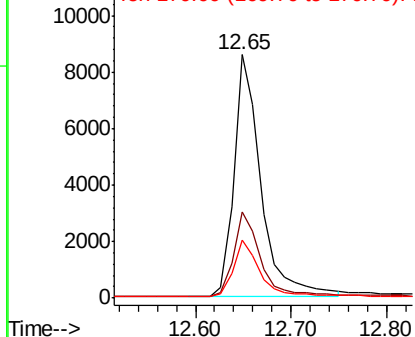


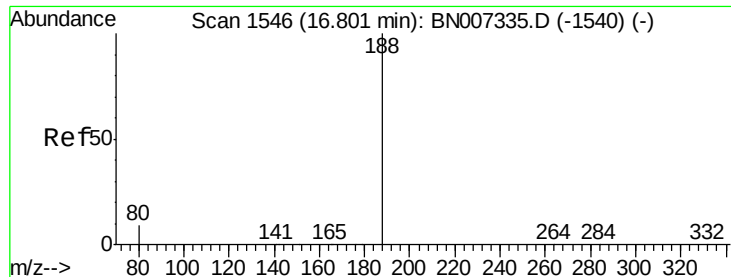
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.65 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BN007565.D
Acq: 09 Sep 2019 00:01

Tgt Ion:172 Resp: 16897
Ion Ratio Lower Upper
172 100
171 35.3 30.3 45.5
170 23.6 20.7 31.1



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: 16.79 min Scan# 1545

Delta R.T. -0.01 min

Lab File: BN007565.D

Acq: 09 Sep 2019 00:01

Instrument :

BNA_N

ClientSampleId :

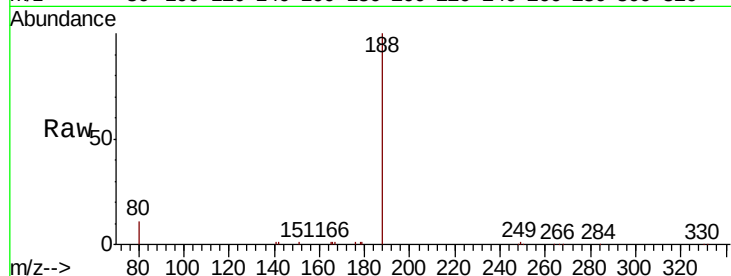
Tot Ion:188 Resp: 22492

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

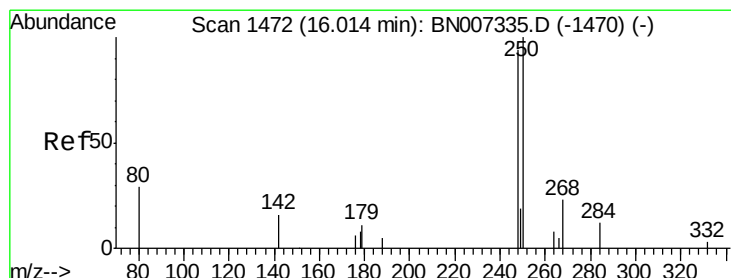
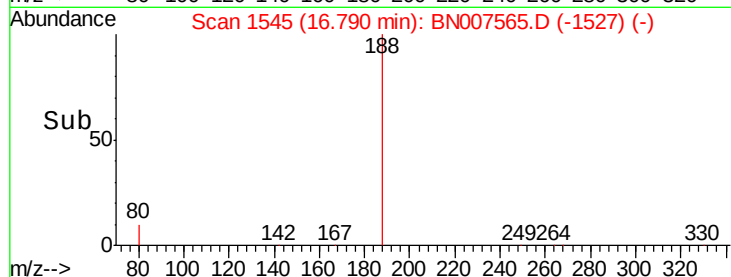
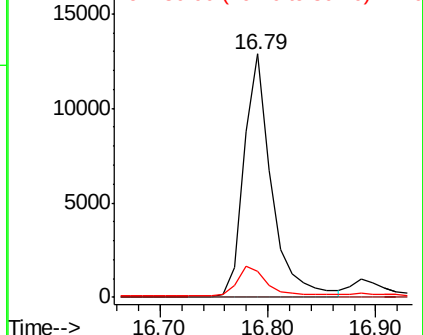
80 10.6 11.8 17.8#



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



#20

4-Bromophenyl-phenylether

Concen: 0.025 ng

RT: 16.04 min Scan# 1474

Delta R.T. 0.02 min

Lab File: BN007565.D

Acq: 09 Sep 2019 00:01

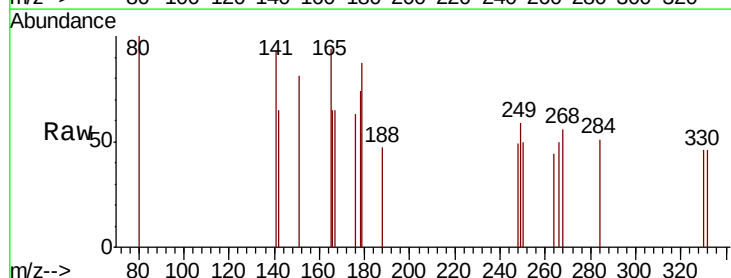
Tgt Ion:248 Resp: 219

Ion Ratio Lower Upper

248 100

250 103.9 85.0 127.6

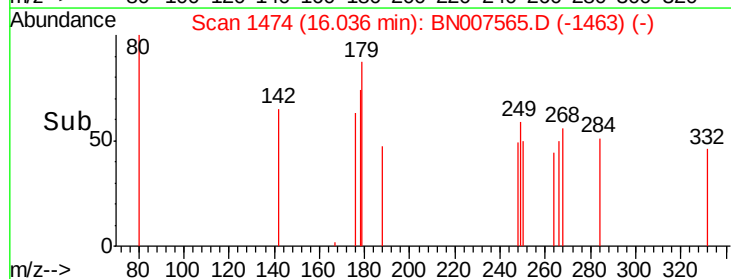
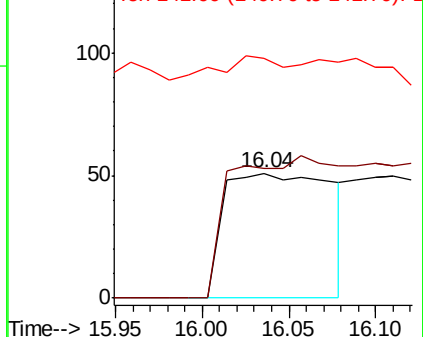
141 192.2 51.7 77.5#

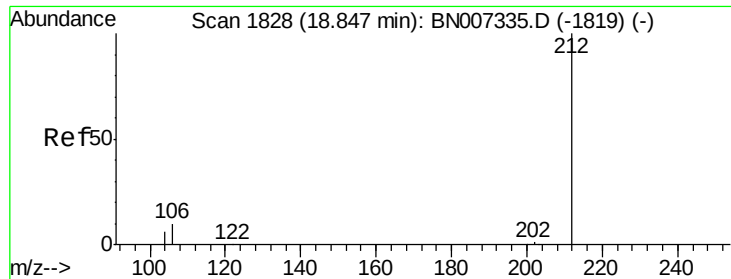


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 18.83 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BN007565.D

Acq: 09 Sep 2019 00:01

Instrument :

BNA_N

ClientSampleId :

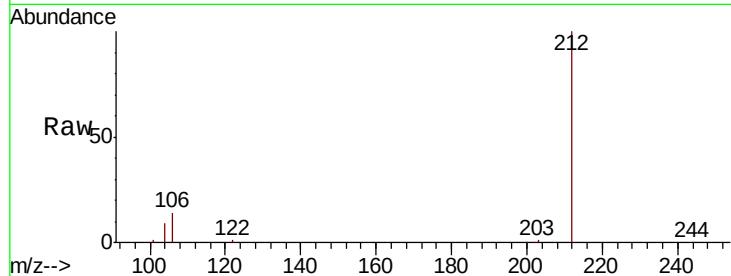
Tot Ion:212 Resp: 25670

Ion Ratio Lower Upper

212 100

106 13.5 9.0 13.4#

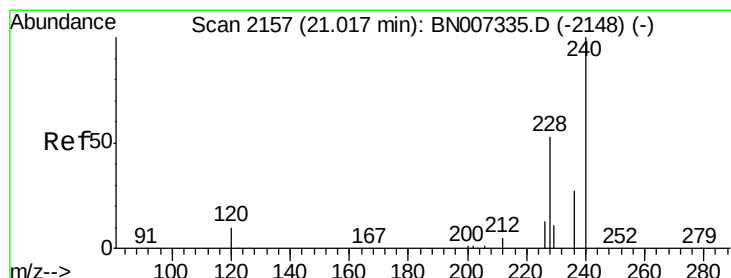
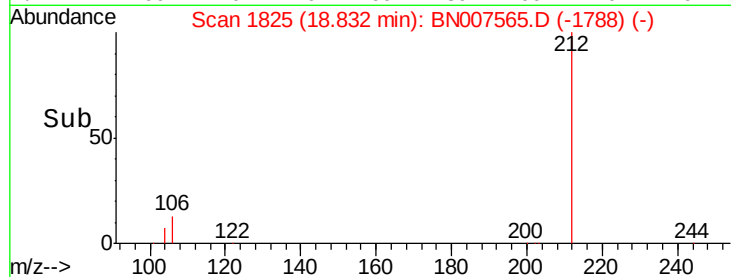
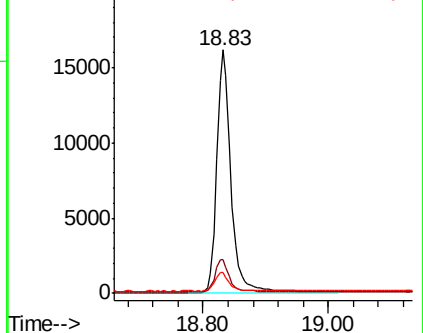
104 7.5 5.4 8.2



Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.01 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BN007565.D

Acq: 09 Sep 2019 00:01

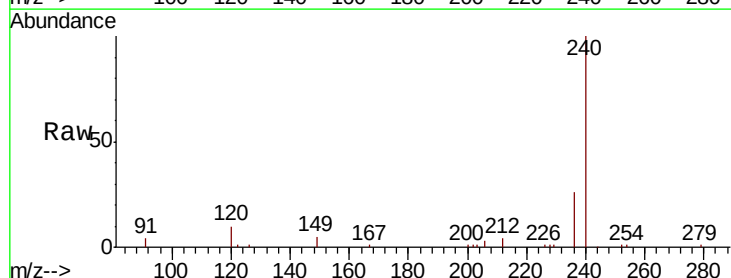
Tgt Ion:240 Resp: 21835

Ion Ratio Lower Upper

240 100

120 10.2 9.6 14.4

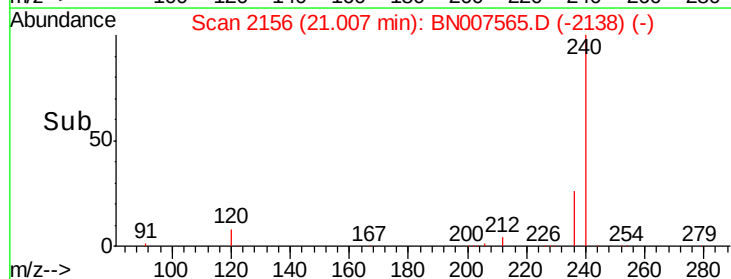
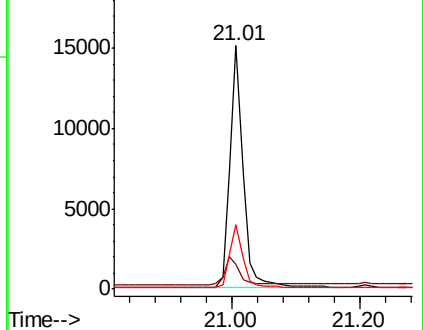
236 26.4 22.2 33.2

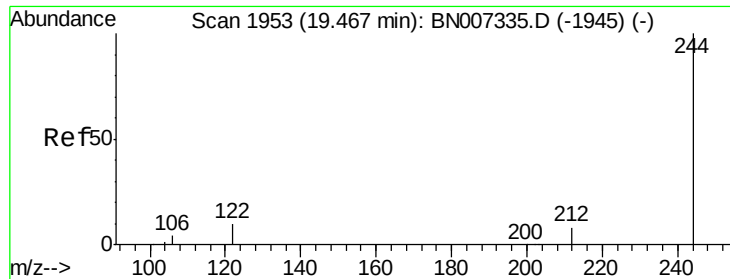


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.393 ng

RT: 19.45 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BN007565.D

Acq: 09 Sep 2019 00:01

Instrument :

BNA_N

ClientSampleId :

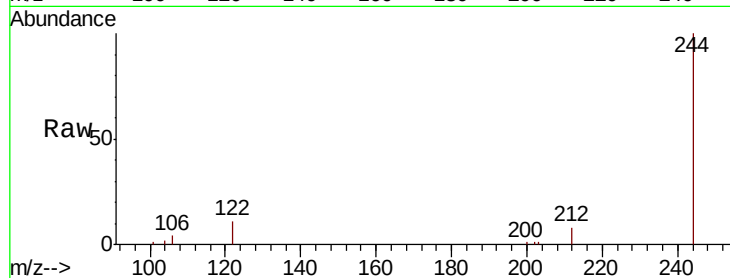
Tot Ion:244 Resp: 22449

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.6

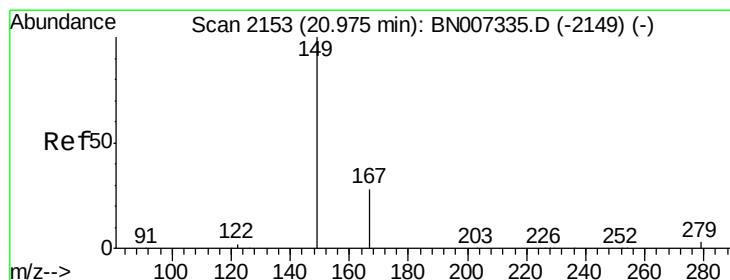
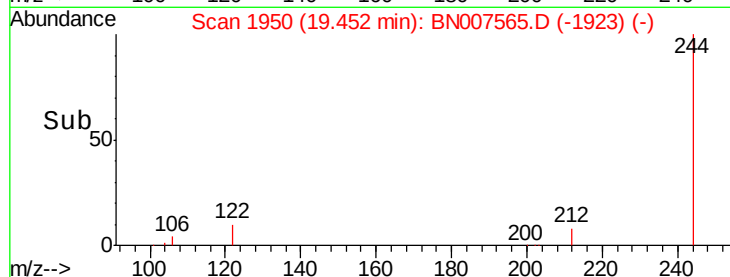
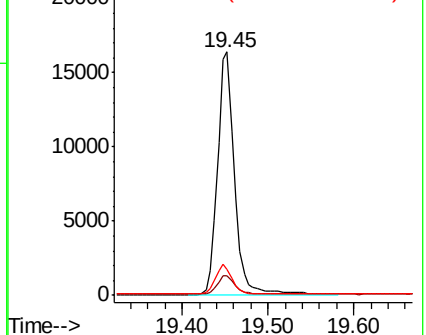
122 10.7 9.6 14.4



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: 0.123 ng

RT: 20.95 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BN007565.D

Acq: 09 Sep 2019 00:01

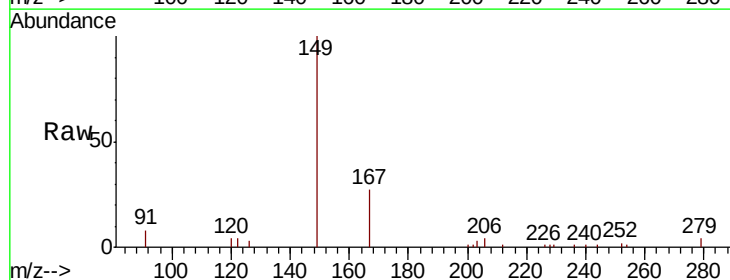
Tgt Ion:149 Resp: 7886

Ion Ratio Lower Upper

149 100

167 27.4 22.8 34.2

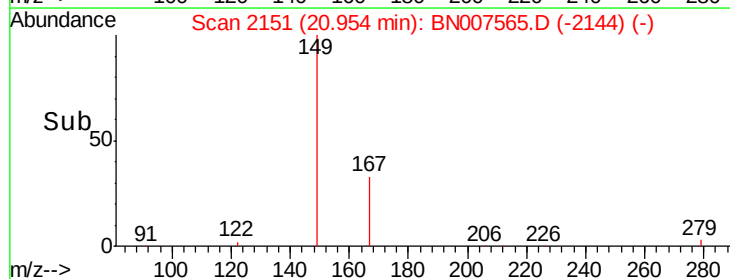
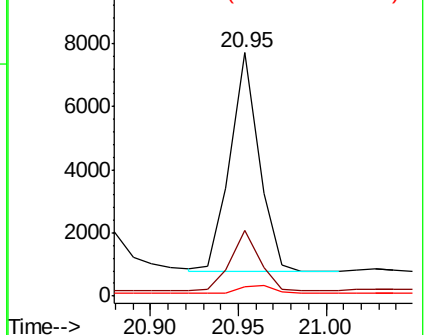
279 4.4 3.5 5.3

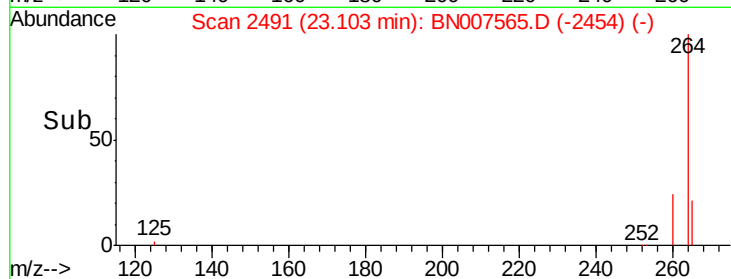
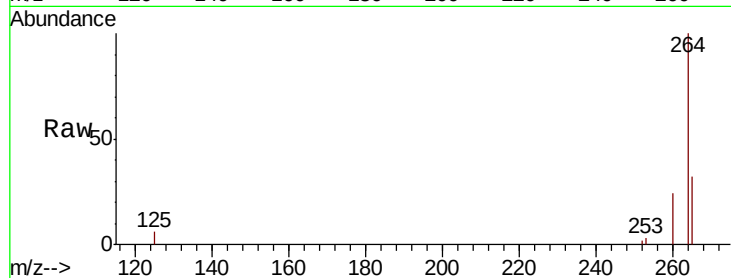
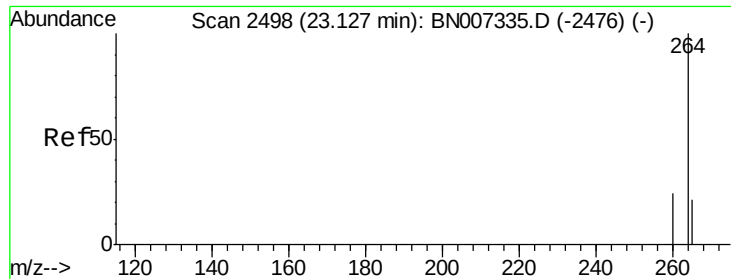


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.10 min Scan# 2491
 Delta R.T. -0.02 min
 Lab File: BN007565.D
 Acq: 09 Sep 2019 00:01

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:	264	Resp:	24386
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.7	29.5
265	31.8	29.9	44.9

