

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003481.D
 Acq On : 09 Nov 2018 20:32
 Operator : MJ/SJ
 Sample : J5860-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 EP2-FD-01-1118

Quant Time: Nov 12 03:21:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

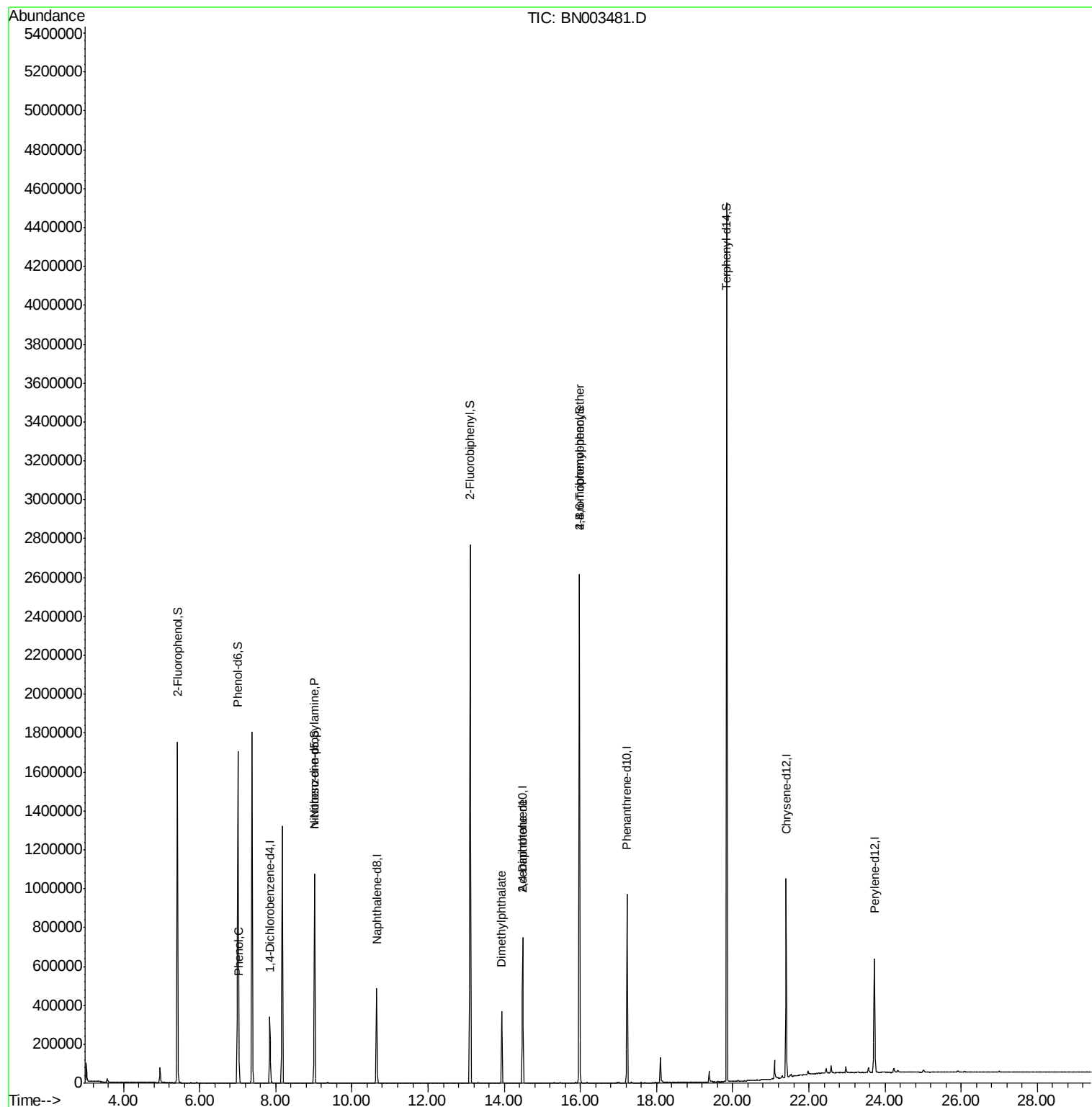
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	96545	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	412373	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	248104	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	554666	20.00	ng	0.00
76) Chrysene-d12	21.40	240	458227	20.00	ng	0.00
87) Perylene-d12	23.72	264	440922	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	784618	141.55	ng	0.00
7) Phenol-d6	7.01	99	1072123	136.02	ng	0.00
23) Nitrobenzene-d5	9.02	82	613263	85.29	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	525421	157.27	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1427718	78.06	ng	0.00
79) Terphenyl-d14	19.85	244	2081997	97.17	ng	0.00
Target Compounds						
10) Phenol	7.03	94	79847	9.600	ng	95
19) n-Nitroso-di-n-propylamine	9.02	70	78068	13.736	ng	# 75
50) Dimethylphthalate	13.93	163	245481	12.237	ng	99
57) 2,4-Dinitrotoluene	14.49	165	31666	5.129	ng	# 20
67) 4-Bromophenyl-phenylether	15.97	248	34265	5.485	ng	# 1

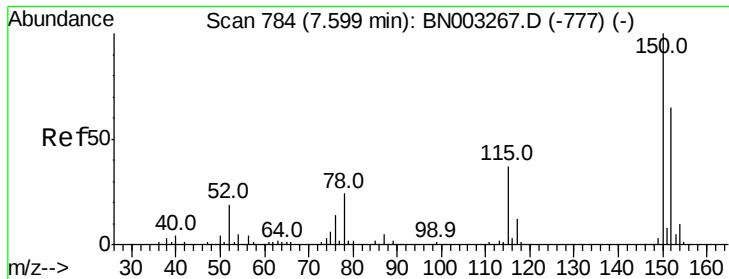
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP2-FD-01-1118

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QLast Update : Wed Nov 07 08:25:32 2018
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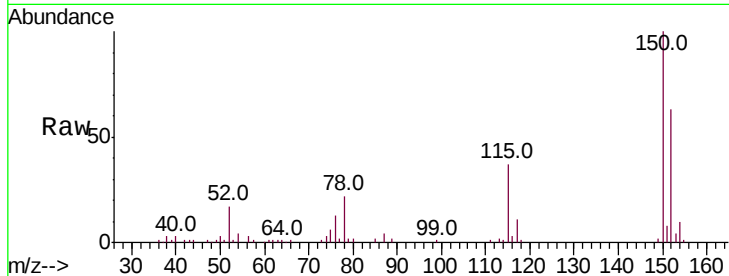


#1

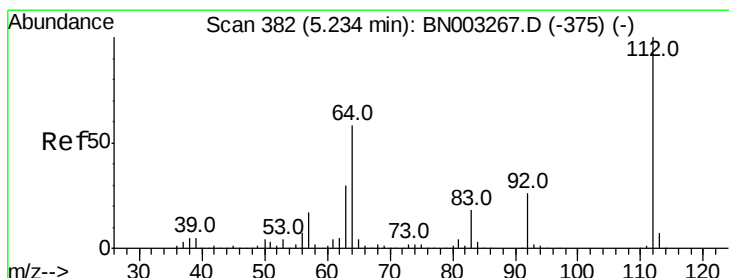
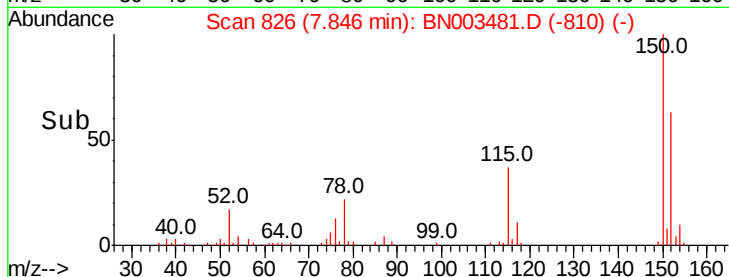
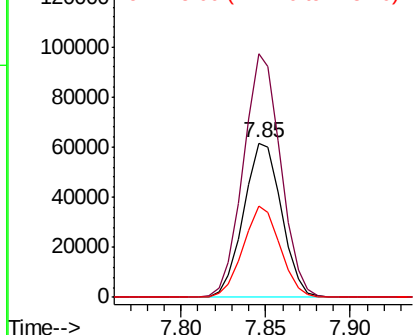
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 826
Delta R.T. -0.01 min
Lab File: BN003481.D
Acq: 09 Nov 2018 20:32

Instrument :
BNA_N
ClientSampleId :
EP2-FD-01-1118

Tot Ion:152 Resp: 96545
Ion Ratio Lower Upper
152 100
150 157.8 123.8 185.8
115 59.1 45.9 68.9



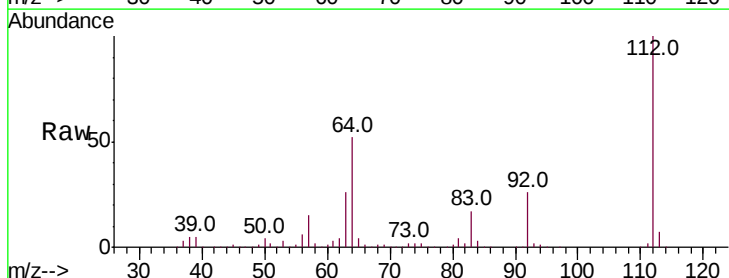
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



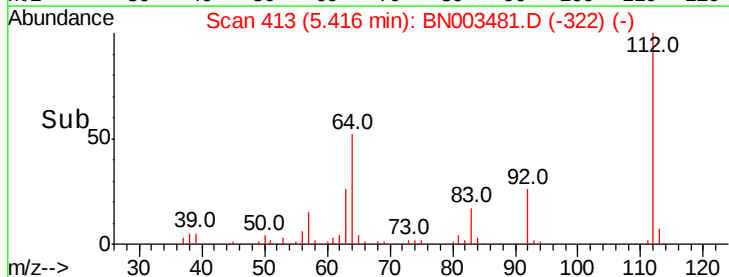
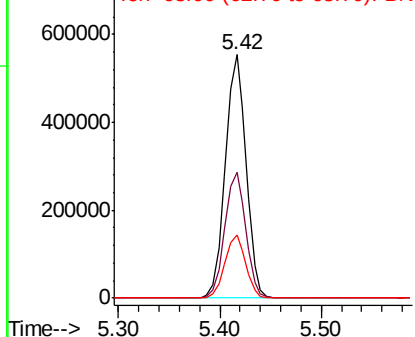
#5

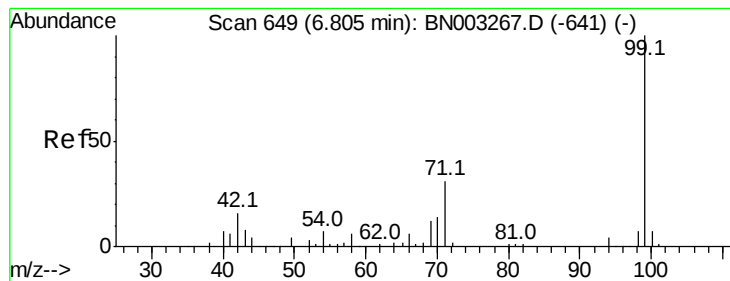
2-Fluorophenol
Concen: 141.551 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003481.D
Acq: 09 Nov 2018 20:32

Tgt Ion:112 Resp: 784618
Ion Ratio Lower Upper
112 100
64 51.8 46.6 69.8
63 25.8 23.8 35.8



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





#7

Phenol-d6

Concen: 136.024 ng

RT: 7.01 min Scan# 684

Delta R.T. 0.00 min

Lab File: BN003481.D

Acq: 09 Nov 2018 20:32

Instrument :

BNA_N

ClientSampleId :

EP2-FD-01-1118

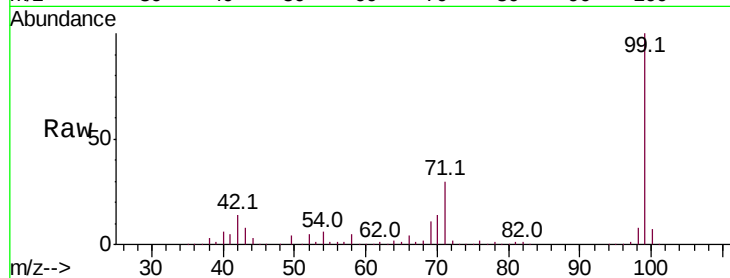
Tot Ion: 99 Resp: 1072123

Ion Ratio Lower Upper

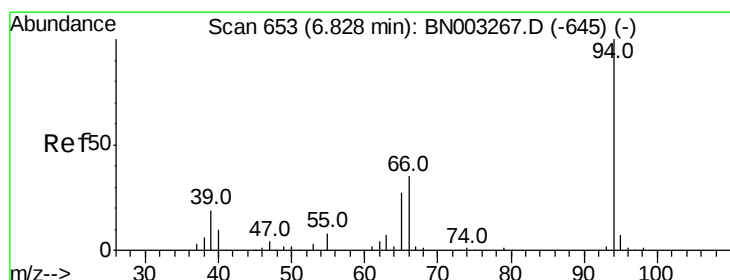
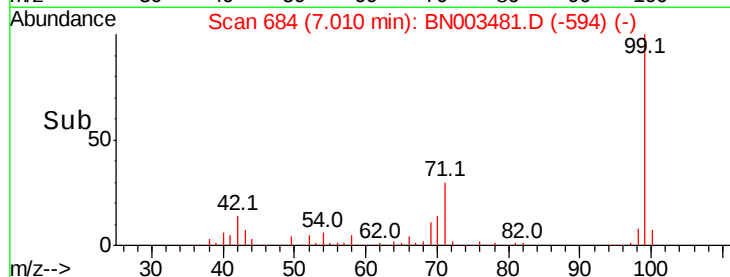
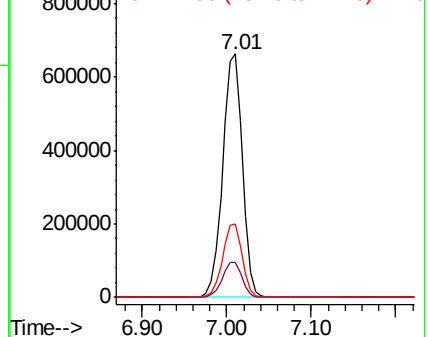
99 100

42 14.5 13.0 19.6

71 30.0 24.5 36.7



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



#10

Phenol

Concen: 9.600 ng

RT: 7.03 min Scan# 688

Delta R.T. 0.00 min

Lab File: BN003481.D

Acq: 09 Nov 2018 20:32

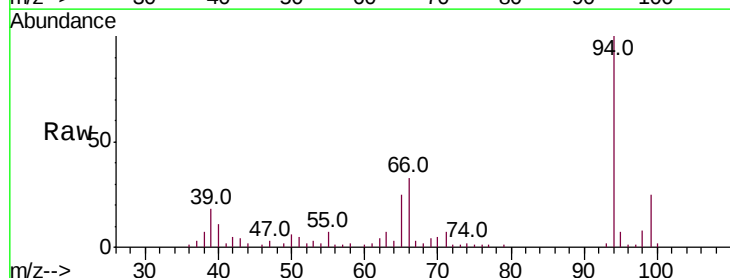
Tgt Ion: 94 Resp: 79847

Ion Ratio Lower Upper

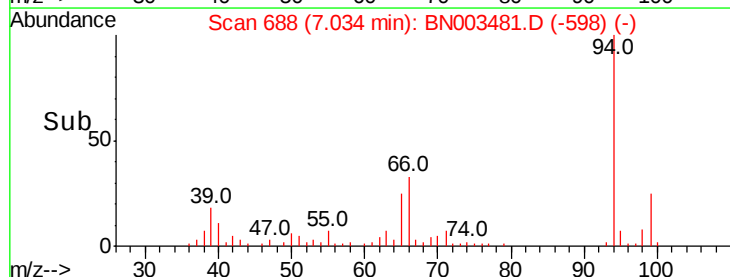
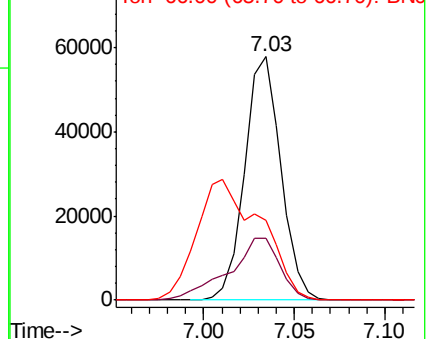
94 100

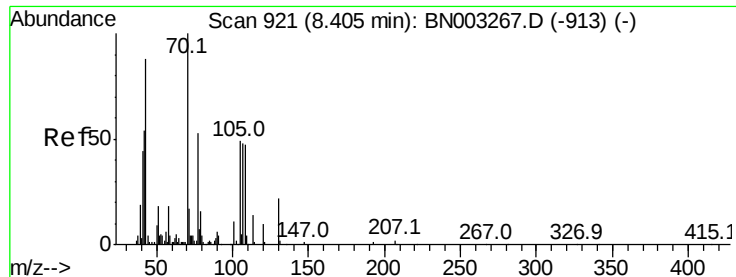
65 25.1 7.7 47.7

66 32.9 15.8 55.8



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC





#19

n-Nitroso-di-n-propylamine

Concen: 13.736 ng

RT: 9.02 min Scan# 1025

Delta R.T. 0.36 min

Lab File: BN003481.D

Acq: 09 Nov 2018 20:32

Instrument :

BNA_N

ClientSampleId :

EP2-FD-01-1118

Tot Ion: 70 Resp: 78068

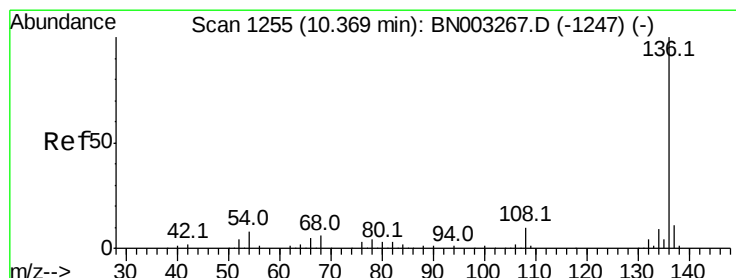
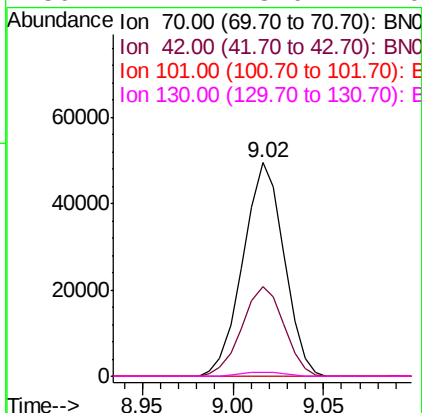
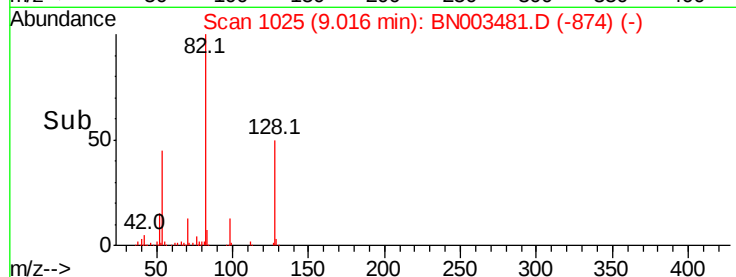
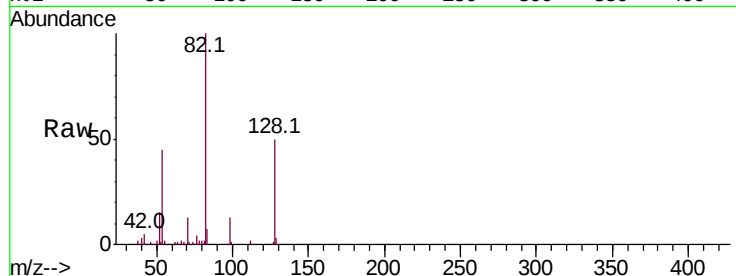
Ion Ratio Lower Upper

70 100

42 41.7 43.5 65.3#

101 0.0 8.6 12.8#

130 2.1 18.0 27.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.65 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BN003481.D

Acq: 09 Nov 2018 20:32

Tgt Ion: 136 Resp: 412373

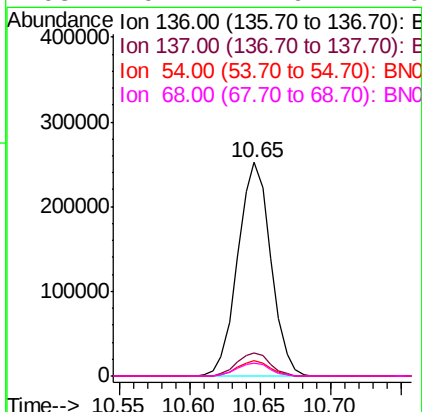
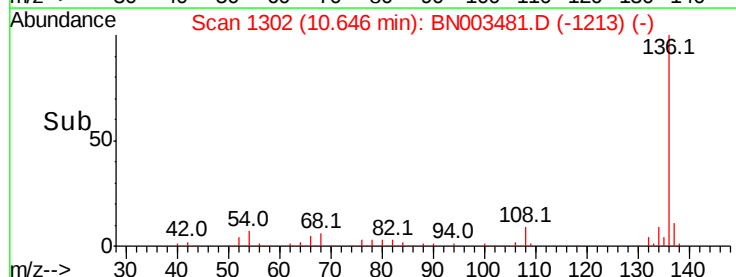
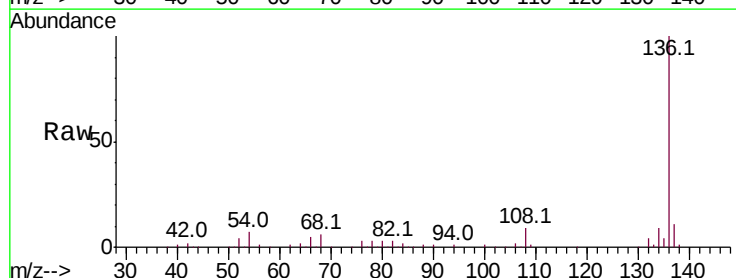
Ion Ratio Lower Upper

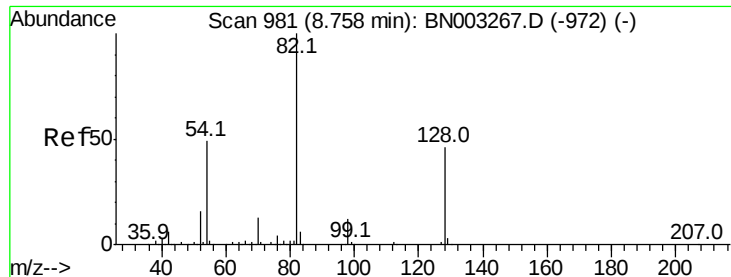
136 100

137 10.8 8.7 13.1

54 7.2 6.6 10.0

68 6.2 4.6 7.0

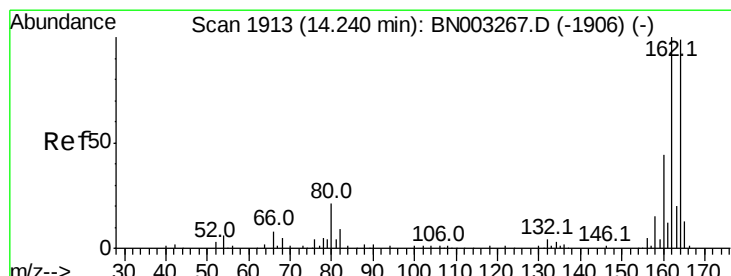
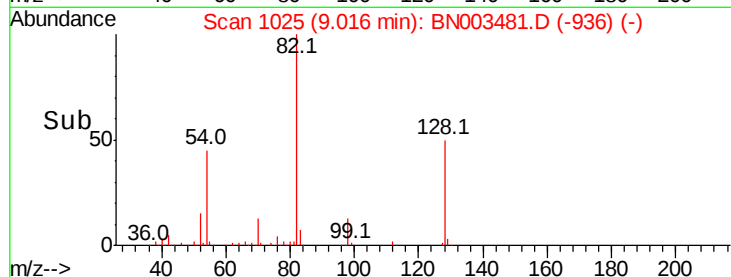
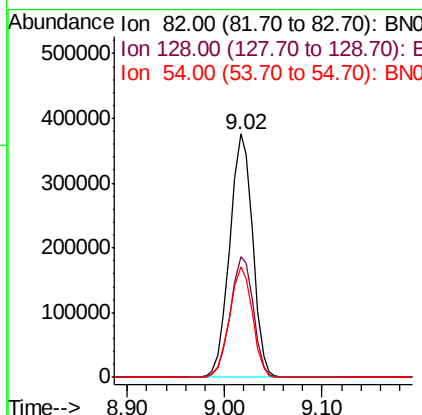
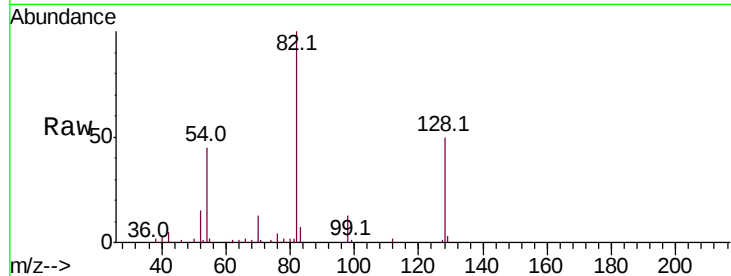




#23
Nitrobenzene-d5
Concen: 85.287 ng
RT: 9.02 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BN003481.D
Acq: 09 Nov 2018 20:32

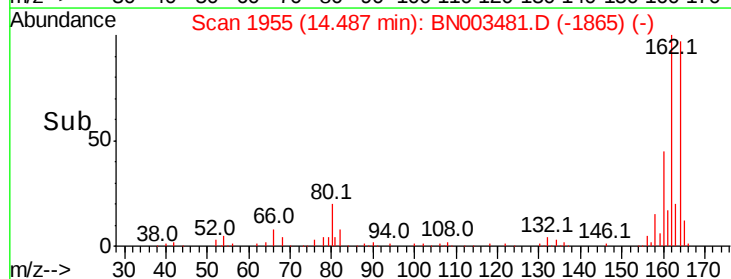
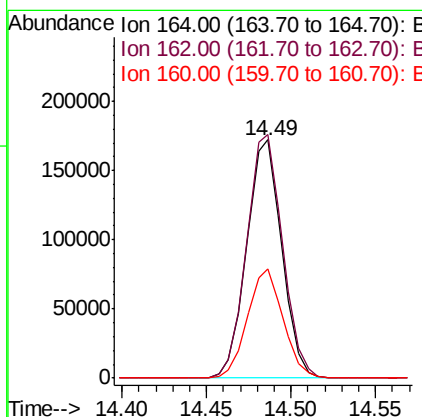
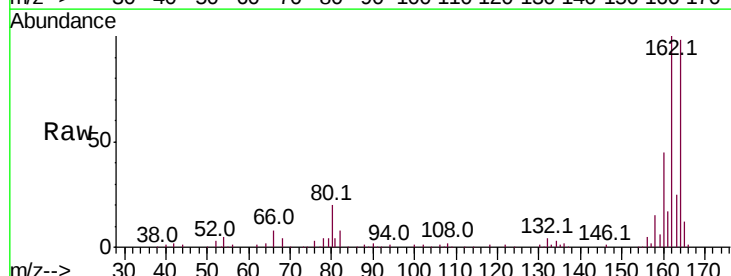
Instrument :
BNA_N
ClientSampleId :
EP2-FD-01-1118

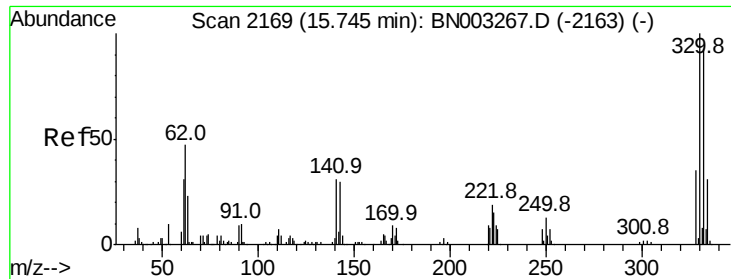
Tot Ion: 82 Resp: 613263
Ion Ratio Lower Upper
82 100
128 49.9 37.1 55.7
54 45.4 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BN003481.D
Acq: 09 Nov 2018 20:32

Tgt Ion: 164 Resp: 248104
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 45.7 35.5 53.3

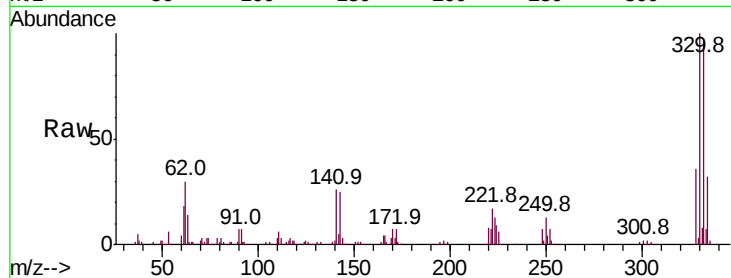




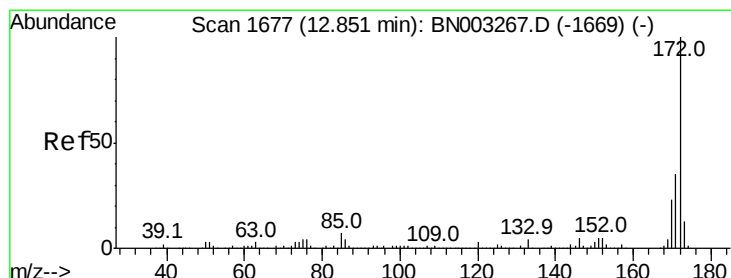
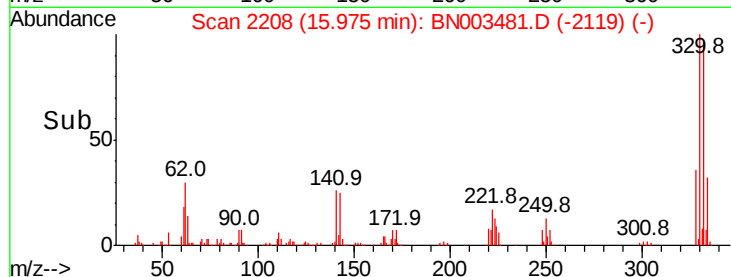
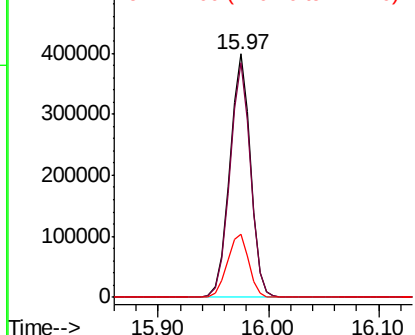
#42
 2,4,6-Tribromophenol
 Concen: 157.274 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BN003481.D
 Acq: 09 Nov 2018 20:32

Instrument :
 BNA_N
 ClientSampleId :
 EP2-FD-01-1118

Tot Ion:330 Resp: 525421
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 27.1 24.5 36.7

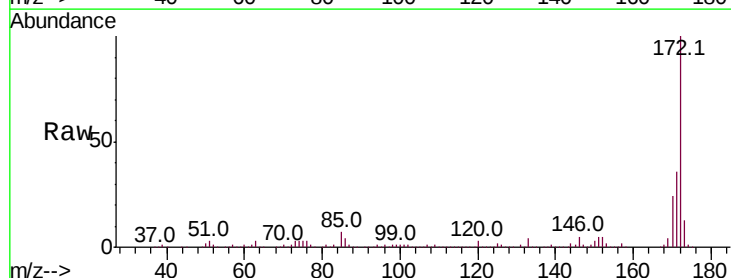


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

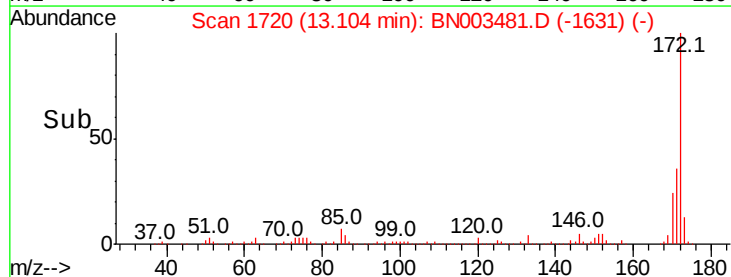
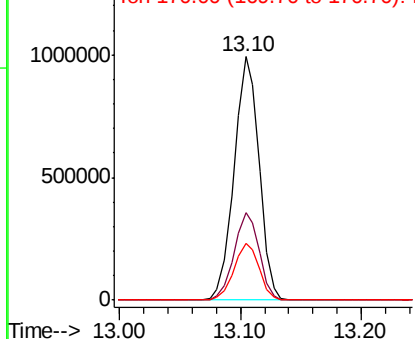


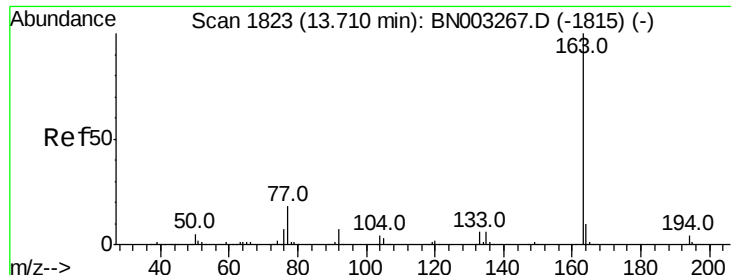
#45
 2-Fluorobiphenyl
 Concen: 78.056 ng
 RT: 13.10 min Scan# 1720
 Delta R.T. -0.01 min
 Lab File: BN003481.D
 Acq: 09 Nov 2018 20:32

Tgt Ion:172 Resp: 1427718
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.2 42.4
 170 23.6 18.4 27.6



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





#50

Dimethylphthalate

Concen: 12.237 ng

RT: 13.93 min Scan# 1861

Delta R.T. -0.02 min

Lab File: BN003481.D

Acq: 09 Nov 2018 20:32

Instrument :

BNA_N

ClientSampleId :

EP2-FD-01-1118

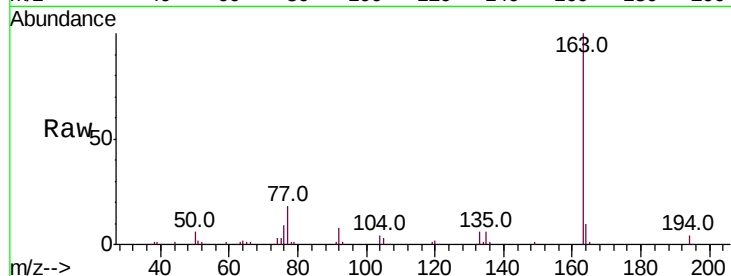
Tot Ion:163 Resp: 245481

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.4 7.9 11.9

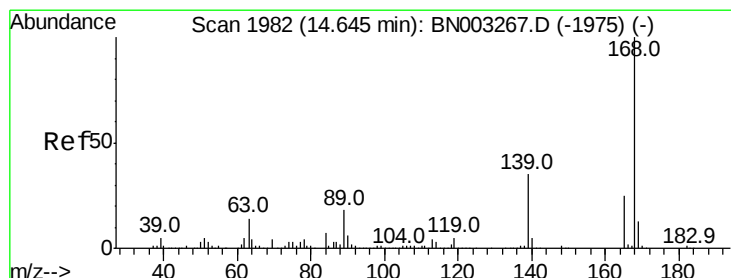
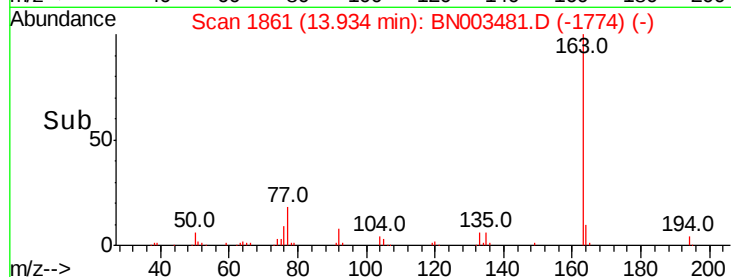
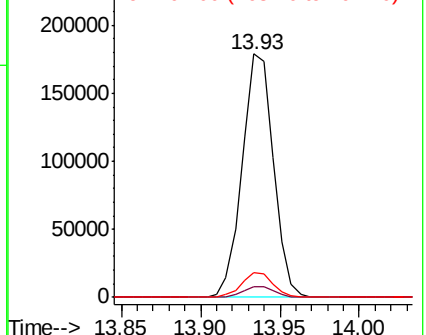


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 5.129 ng

RT: 14.49 min Scan# 1955

Delta R.T. -0.37 min

Lab File: BN003481.D

Acq: 09 Nov 2018 20:32

Tgt Ion:165 Resp: 31666

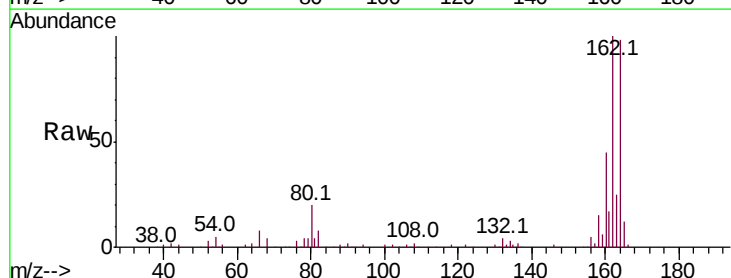
Ion Ratio Lower Upper

165 100

63 0.0 45.8 68.6#

89 1.5 58.7 88.1#

182 0.0 2.3 3.5#



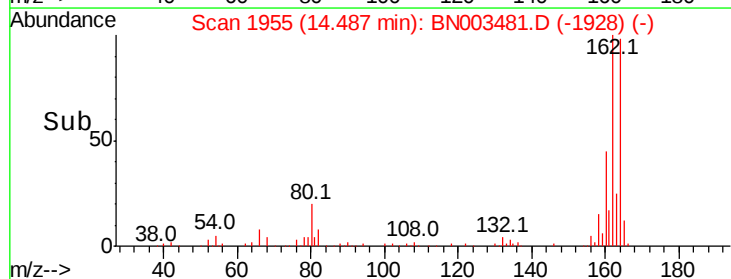
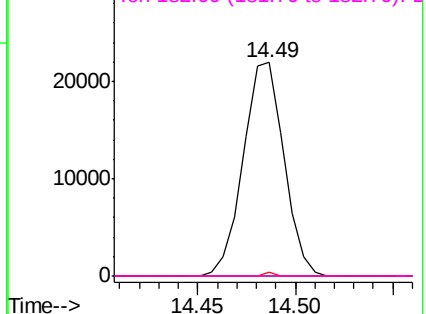
Abundance

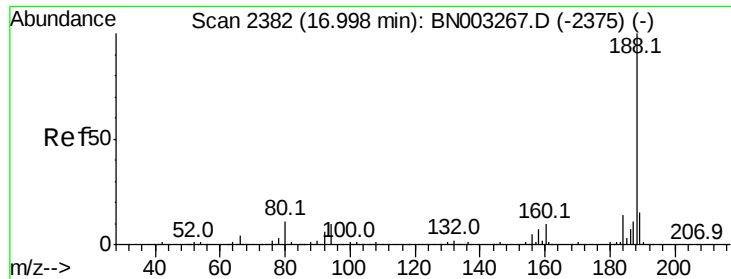
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNC

Ion 89.00 (88.70 to 89.70): BNC

Ion 182.00 (181.70 to 182.70): E

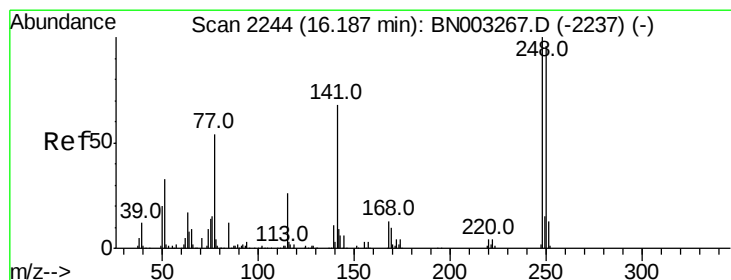
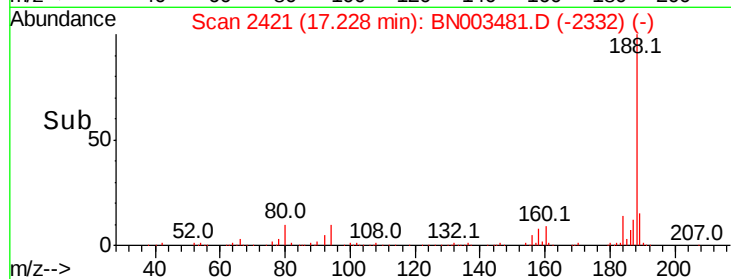
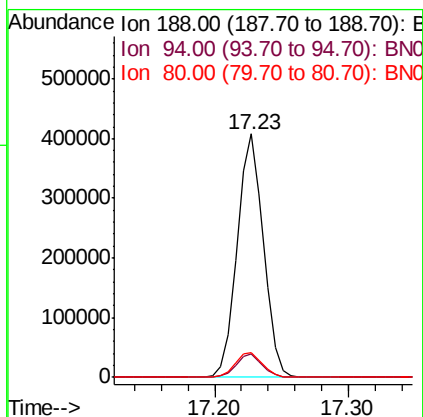
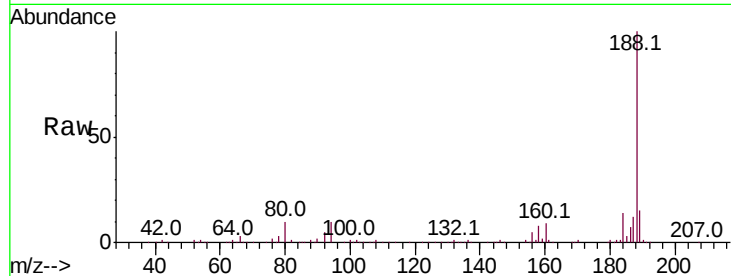




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.23 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BN003481.D
 Acq: 09 Nov 2018 20:32

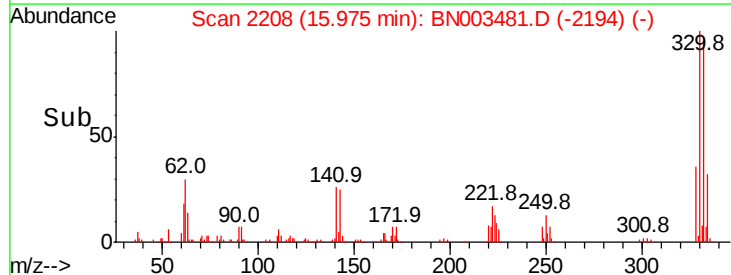
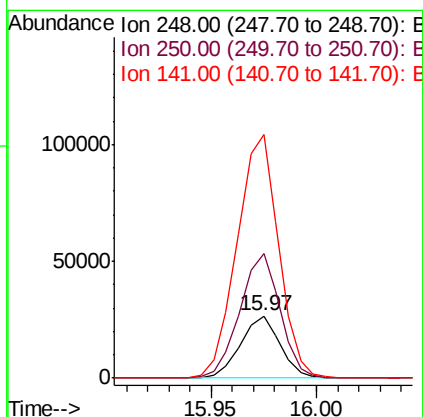
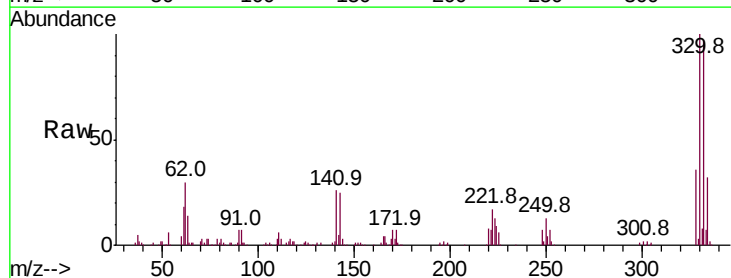
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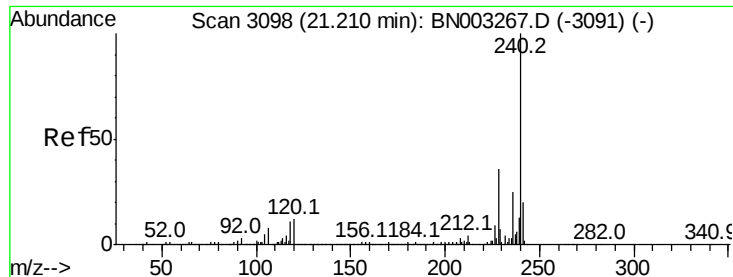
Tot Ion:188 Resp: 554666
 Ion Ratio Lower Upper
 188 100
 94 9.6 8.1 12.1
 80 9.9 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 5.485 ng
 RT: 15.97 min Scan# 2208
 Delta R.T. -0.45 min
 Lab File: BN003481.D
 Acq: 09 Nov 2018 20:32

Tgt Ion:248 Resp: 34265
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.4 114.6#
 141 390.0 54.2 81.4#

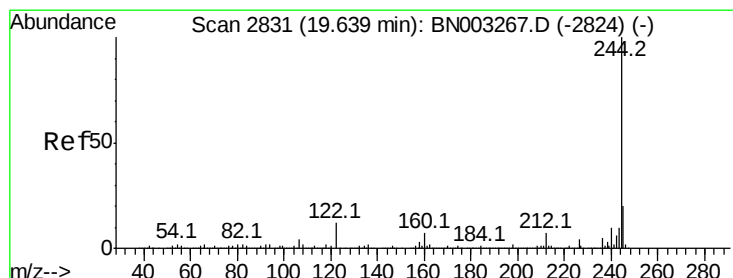
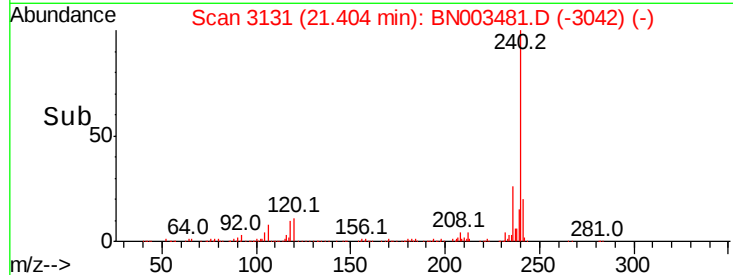
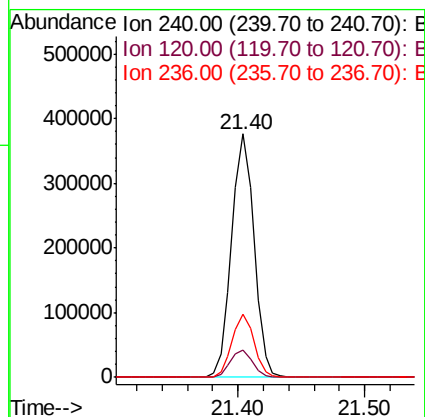
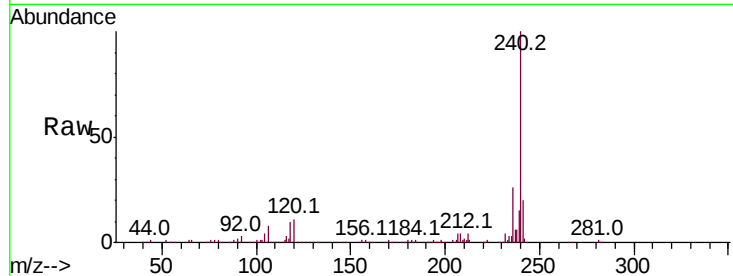




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BN003481.D
 Acq: 09 Nov 2018 20:32

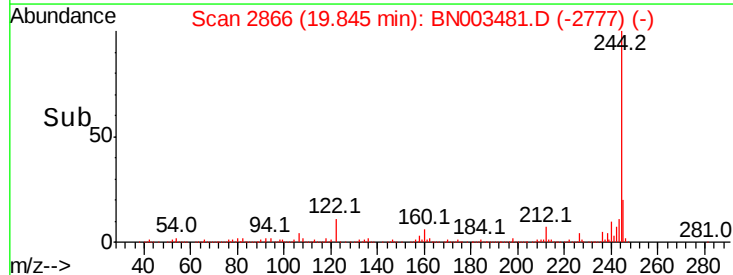
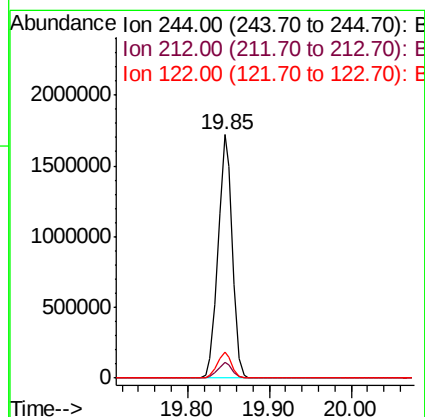
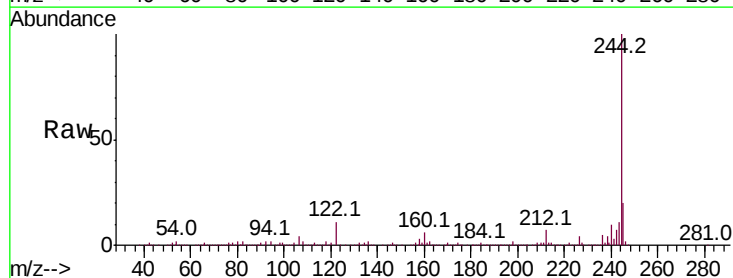
Instrument :
 BNA_N
 ClientSampleId :
 EP2-FD-01-1118

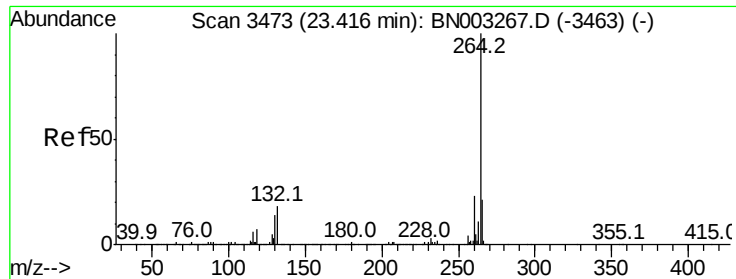
Tot Ion:240 Resp: 458227
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.4 14.0
 236 25.8 20.3 30.5



#79
 Terphenyl-d14
 Concen: 97.167 ng
 RT: 19.85 min Scan# 2866
 Delta R.T. -0.01 min
 Lab File: BN003481.D
 Acq: 09 Nov 2018 20:32

Tgt Ion:244 Resp: 2081997
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.9 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BN003481.D
Acq: 09 Nov 2018 20:32

Instrument :
BNA_N
ClientSampleId :
EP2-FD-01-1118

Tot Ion:264	Resp:	440922
Ion	Ratio	Lower Upper
264	100	
260	24.1	18.5 27.7
265	21.7	16.6 25.0

