

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101531.D
 Acq On : 19 Dec 2017 19:15
 Operator : SJ/JU
 Sample : I6676-08 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817

Quant Time: Dec 20 06:58:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

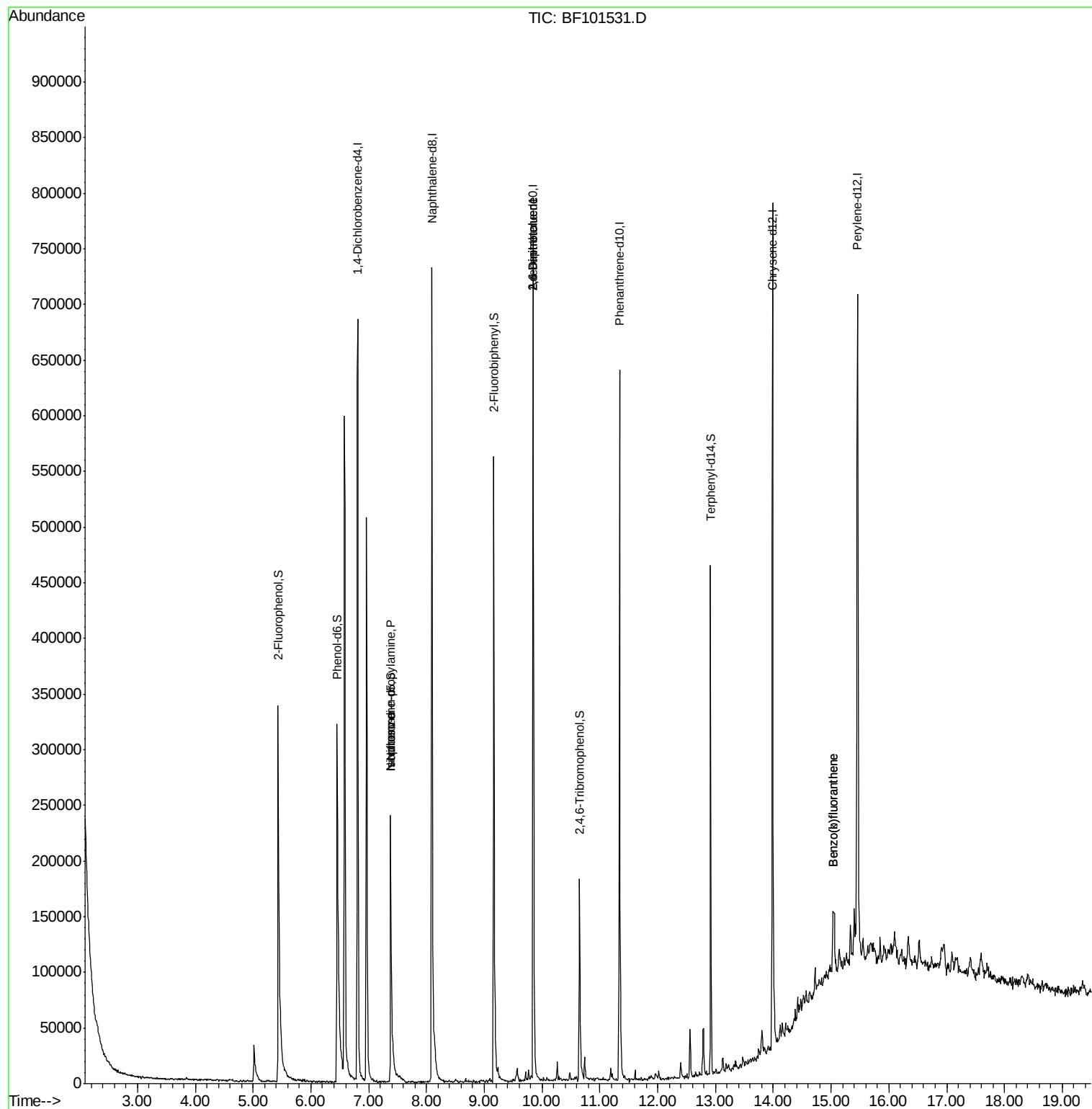
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	118935	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	453910	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	168943	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	268937	20.00	ng	0.00
75) Chrysene-d12	13.99	240	263387	20.00	ng	0.00
86) Perylene-d12	15.46	264	314434	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	186542	23.36	ng	0.01
7) Phenol-d6	6.45	99	229899	23.14	ng	0.00
23) Nitrobenzene-d5	7.38	82	126874	15.56	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	28707	17.63	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	227744	20.91	ng	0.00
78) Terphenyl-d14	12.92	244	147250	13.48	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	17497	2.681	ng	# 85
25) Isophorone	7.38	82	126874	7.756	ng	# 64
50) 2,6-Dinitrotoluene	9.85	165	21818	7.900	ng	# 25
56) 2,4-Dinitrotoluene	9.85	165	21818	7.011	ng	# 22
87) Benzo(b)fluoranthene	15.03	252	39591	2.066	ng	# 92
88) Benzo(k)fluoranthene	15.03	252	39591	2.125	ng	# 95

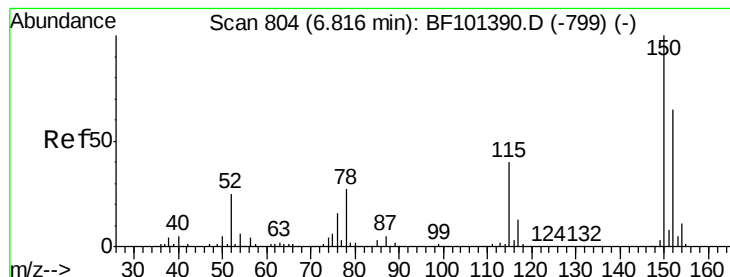
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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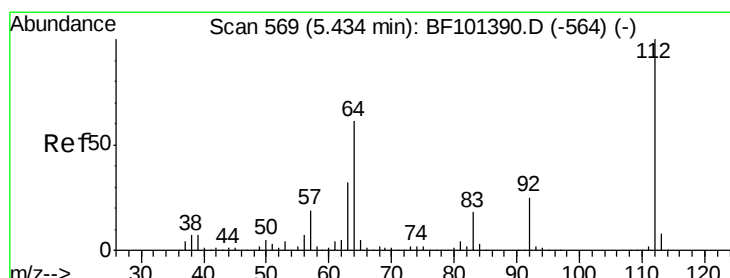
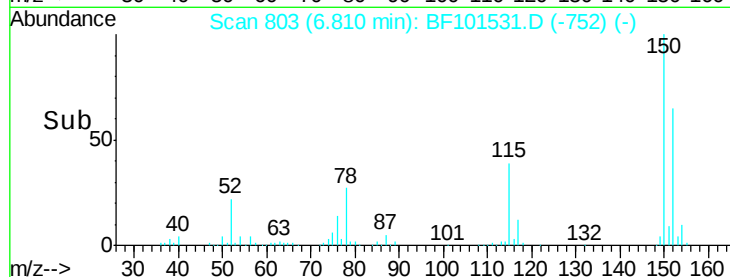
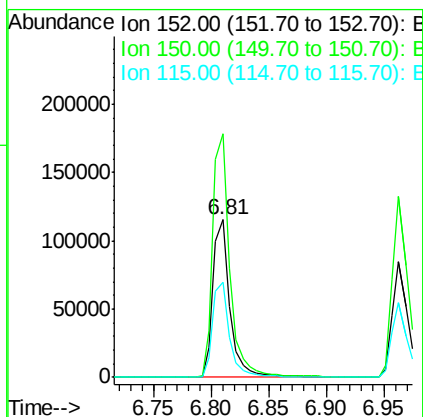
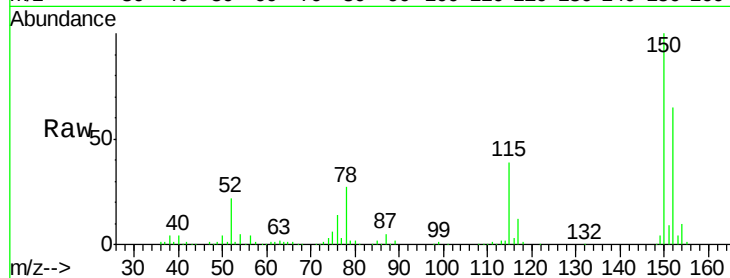


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101531.D
Acq: 19 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
OK-01-121817

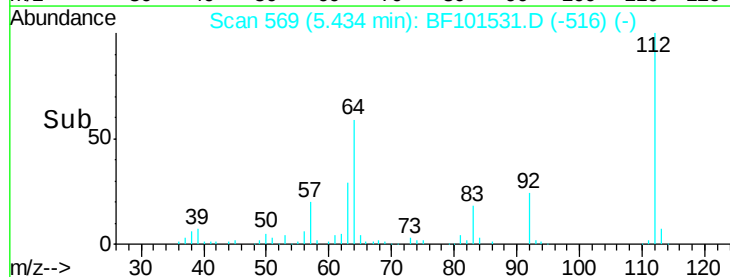
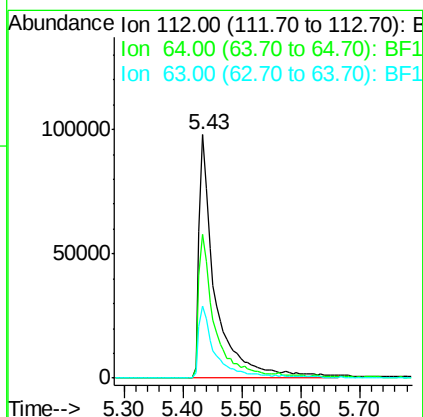
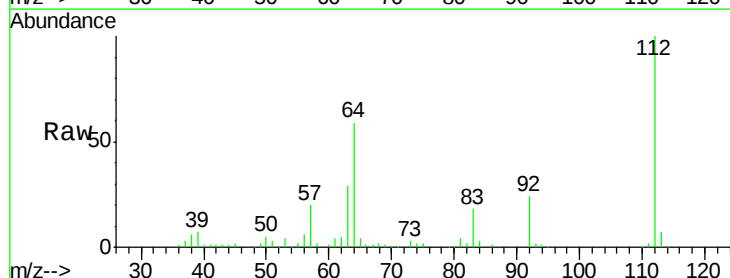
Tot Ion:152 Resp: 118935
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 60.5 50.1 75.1

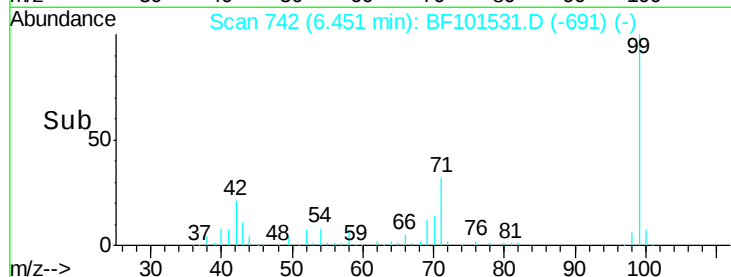
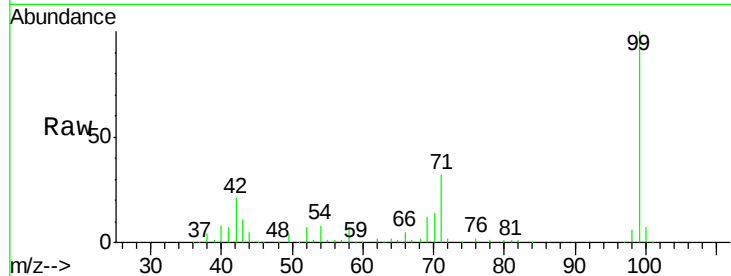


#5

2-Fluorophenol
Concen: 23.363 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.01 min
Lab File: BF101531.D
Acq: 19 Dec 2017 19:15

Tgt Ion:112 Resp: 186542
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 29.5 23.7 35.5





#7

Phenol-d6

Concen: 23.136 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

OK-01-121817

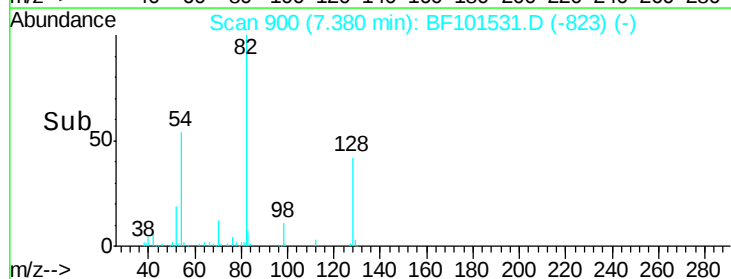
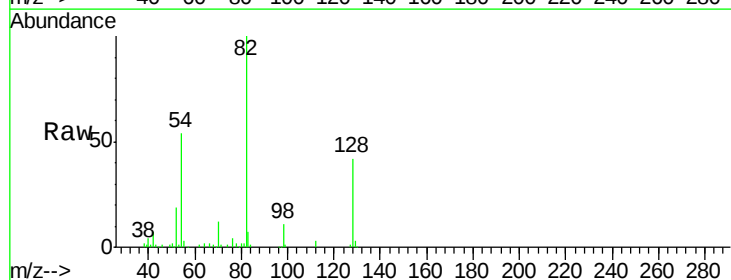
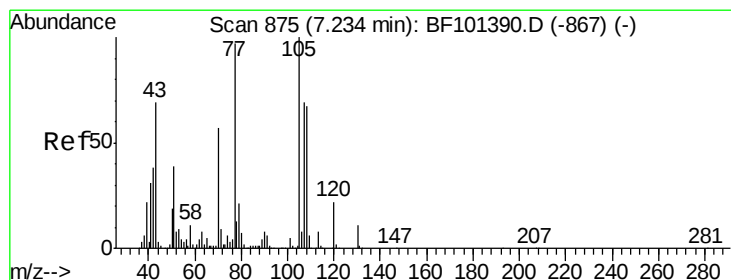
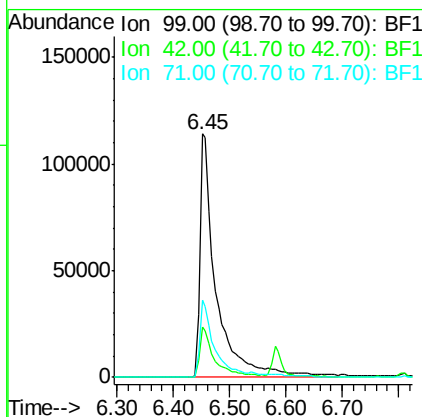
Tot Ion: 99 Resp: 229899

Ion Ratio Lower Upper

99 100

42 20.6 14.5 21.7

71 31.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 2.681 ng

RT: 7.38 min Scan# 900

Delta R.T. 0.15 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

Tgt Ion: 70 Resp: 17497

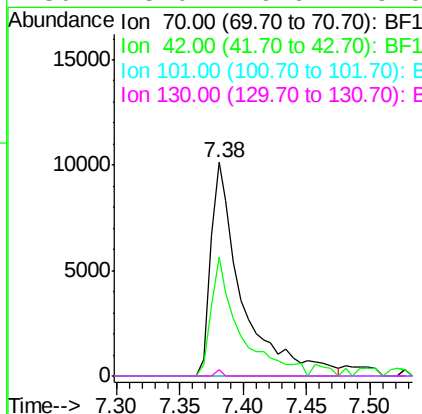
Ion Ratio Lower Upper

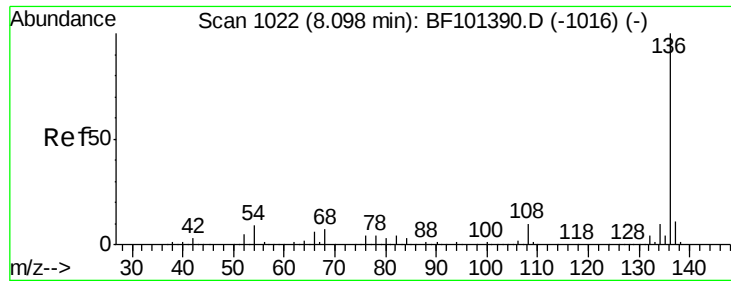
70 100

42 55.8 47.5 71.3

101 0.0 7.4 11.2#

130 3.0 16.6 25.0#

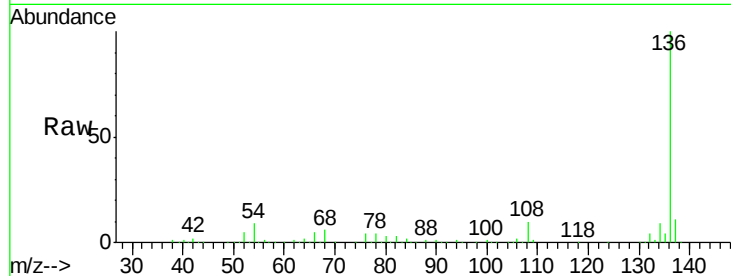




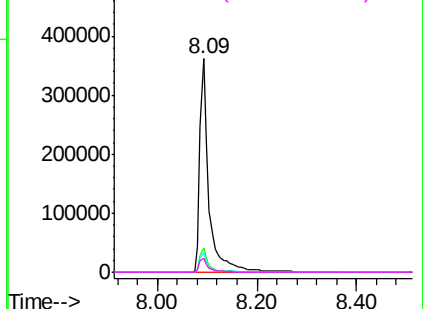
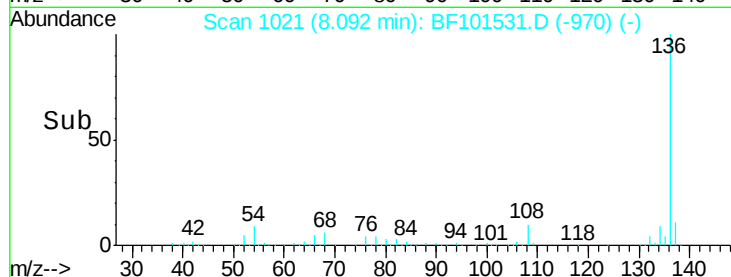
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101531.D
Acq: 19 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
OK-01-121817

Tot Ion:136	Resp:	453910
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	9.0	6.6 9.8
68	6.4	5.0 7.4

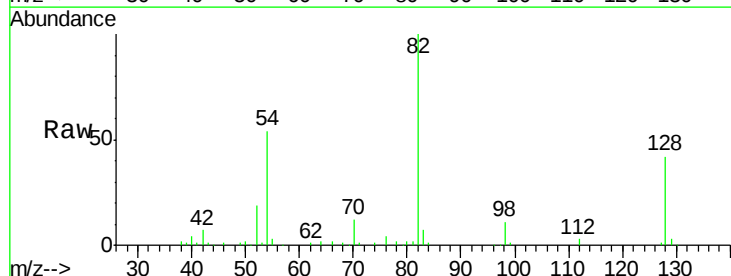


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

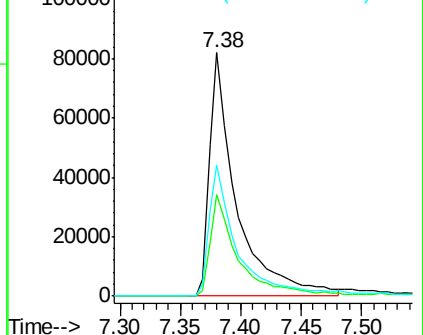
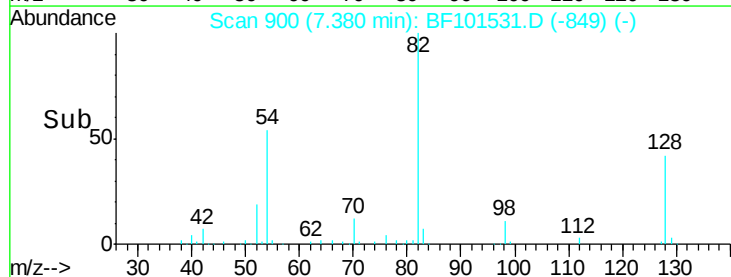


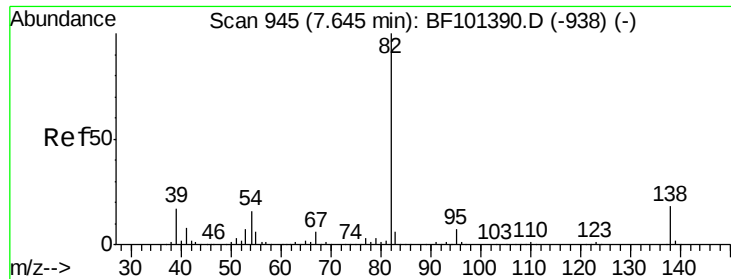
#23
Nitrobenzene-d5
Concen: 15.559 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF101531.D
Acq: 19 Dec 2017 19:15

Tgt Ion: 82	Resp:	126874
Ion	Ratio	Lower Upper
82	100	
128	41.8	36.1 54.1
54	53.6	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 7.756 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.25 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

OK-01-121817

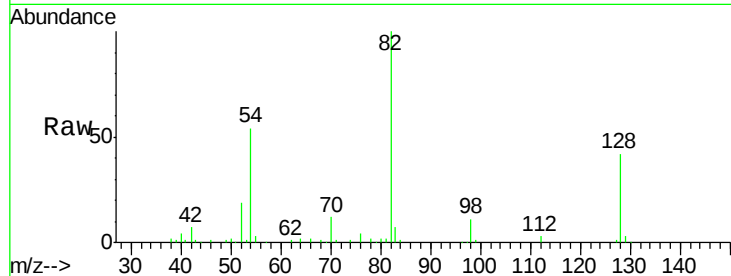
Tot Ion: 82 Resp: 126874

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

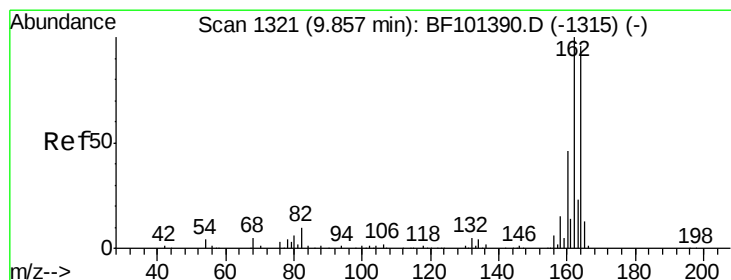
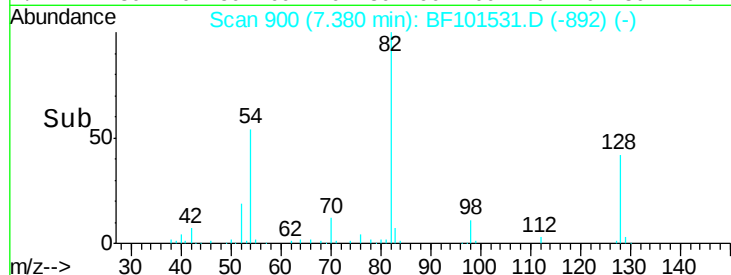
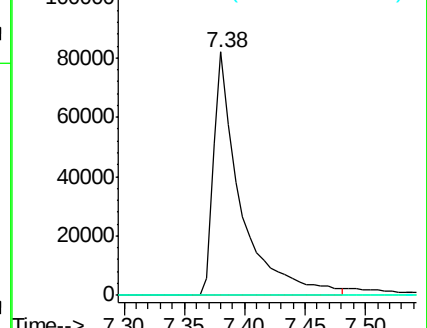
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

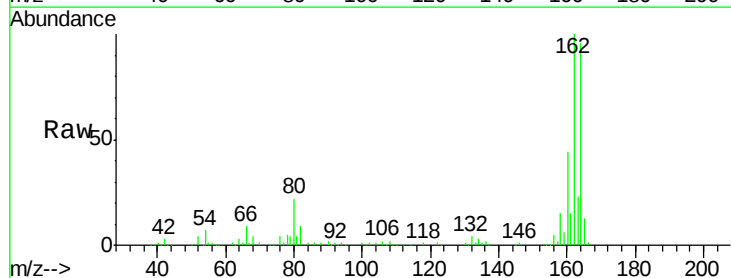
Tgt Ion:164 Resp: 168943

Ion Ratio Lower Upper

164 100

162 104.5 86.1 129.1

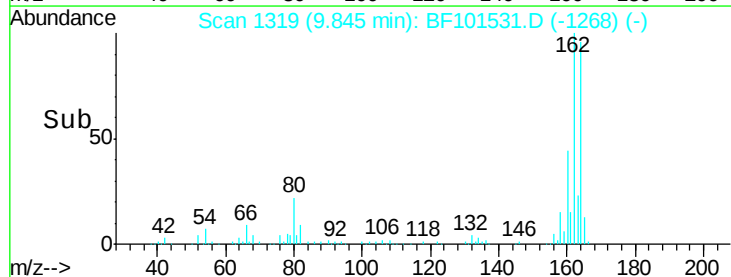
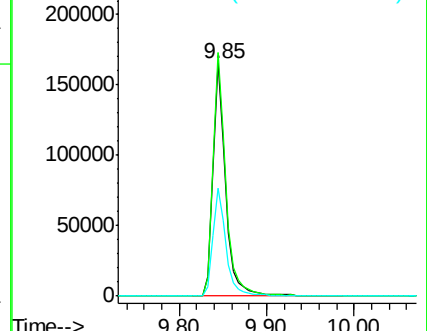
160 46.1 38.3 57.5

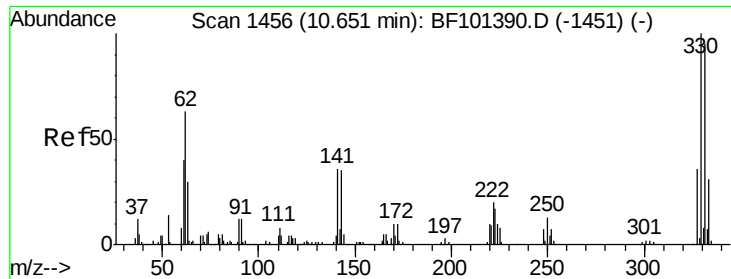


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

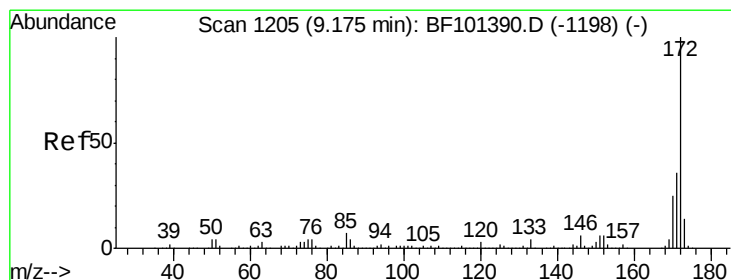
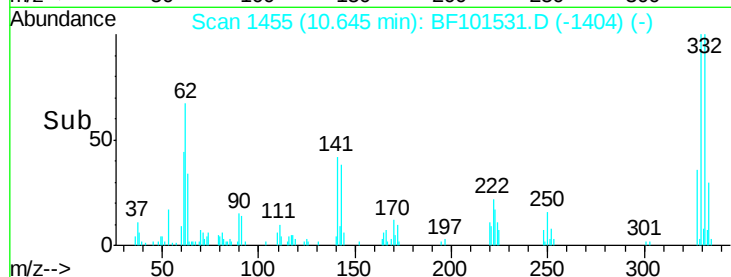
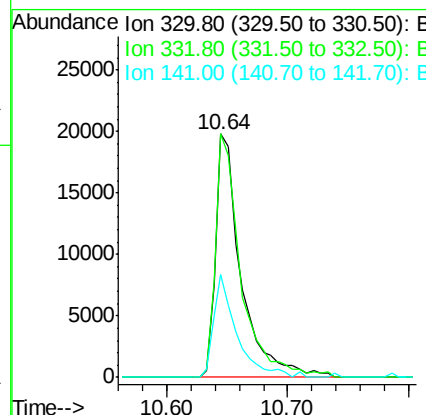
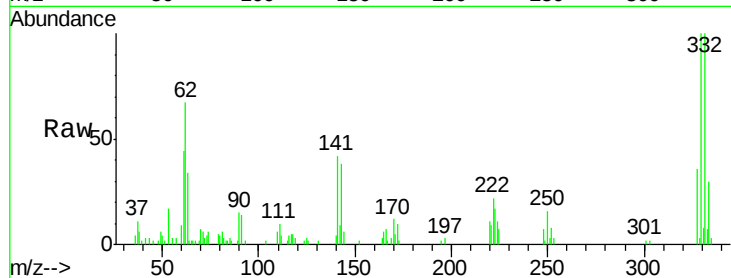




#41
 2,4,6-Tribromophenol
 Concen: 17.634 ng
 RT: 10.64 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF101531.D
 Acq: 19 Dec 2017 19:15

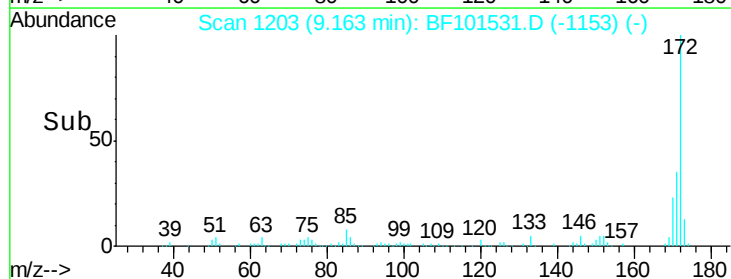
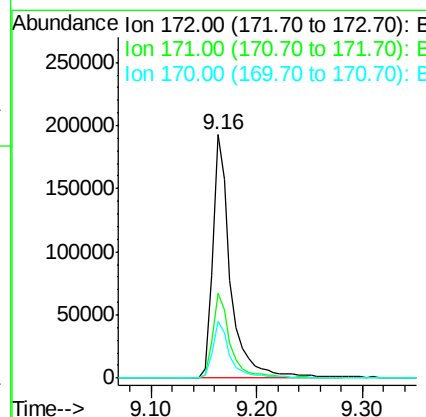
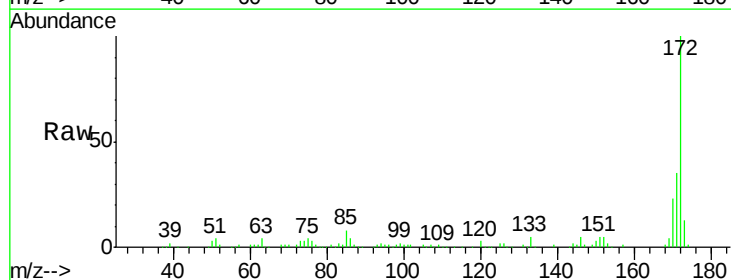
Instrument :
 BNA_F
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 OK-01-121817

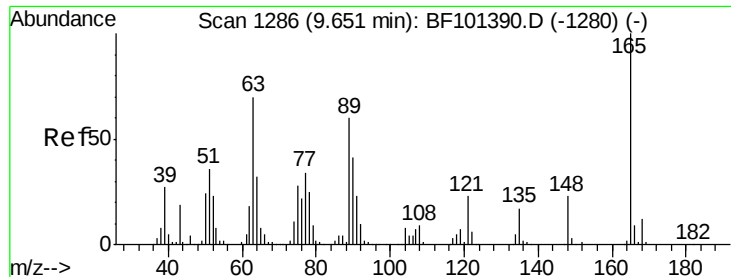
Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.0	115.6
141	38.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 20.912 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF101531.D
 Acq: 19 Dec 2017 19:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.7	44.5
170	23.4	19.6	29.4





#50

2,6-Dinitrotoluene

Concen: 7.900 ng

RT: 9.85 min Scan# 1319

Delta R.T. 0.20 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

Instrument :

BNA_F

ClientSampleId :

OK-01-121817

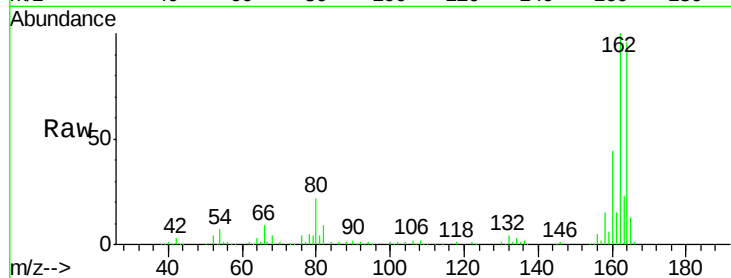
Tot Ion:165 Resp: 21818

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

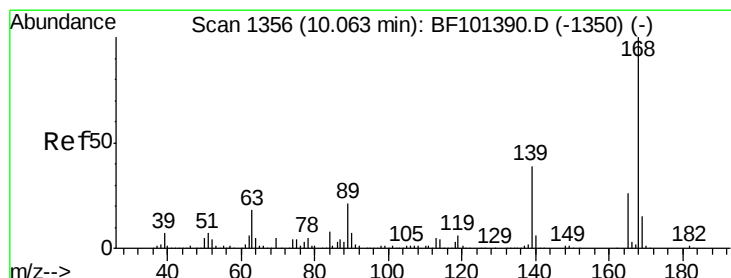
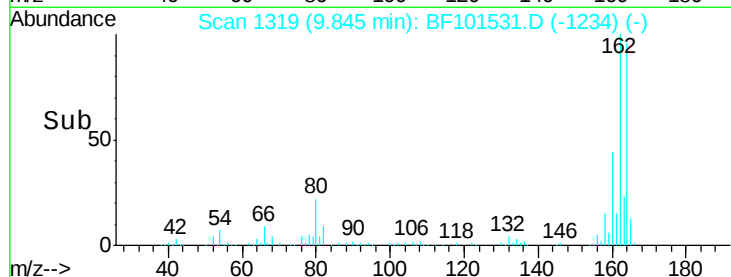
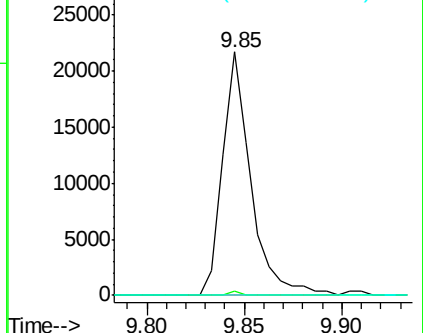
89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56

2,4-Dinitrotoluene

Concen: 7.011 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.21 min

Lab File: BF101531.D

Acq: 19 Dec 2017 19:15

Tgt Ion:165 Resp: 21818

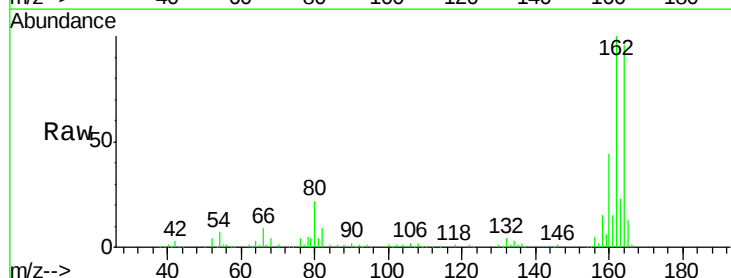
Ion Ratio Lower Upper

165 100

63 1.7 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

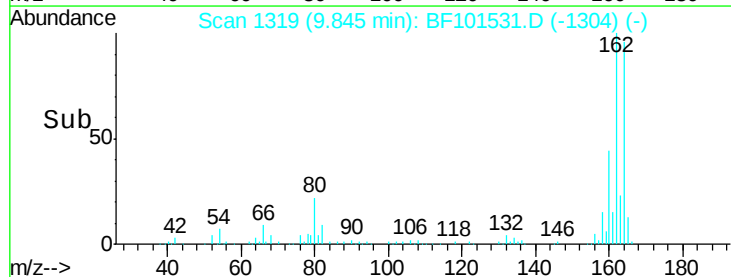
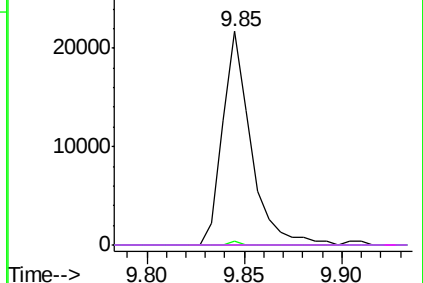


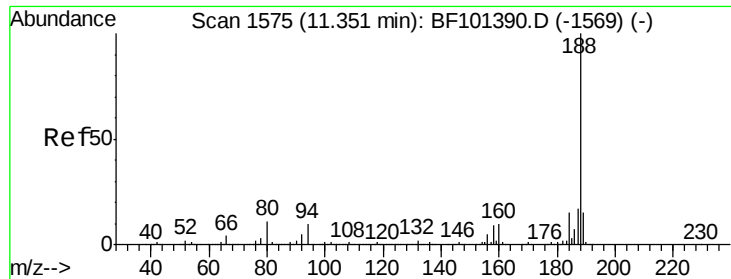
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

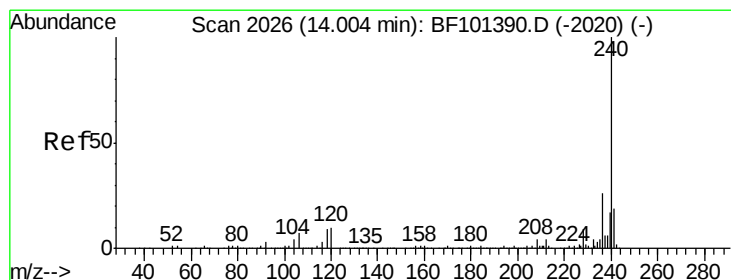
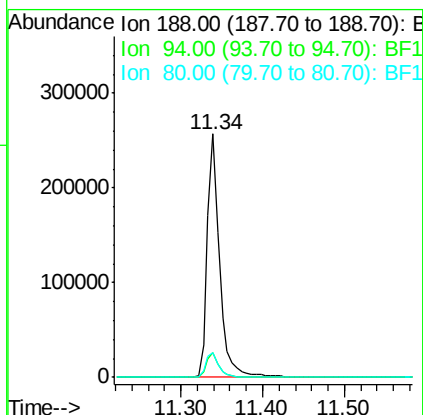
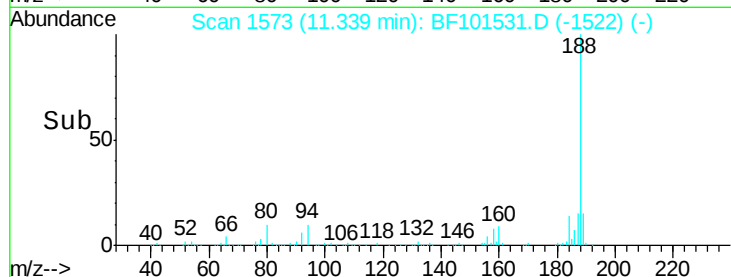
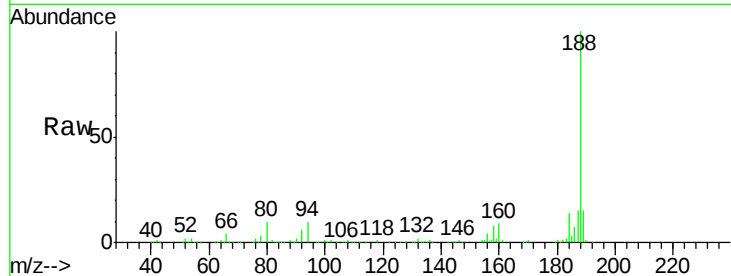




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101531.D
Acq: 19 Dec 2017 19:15

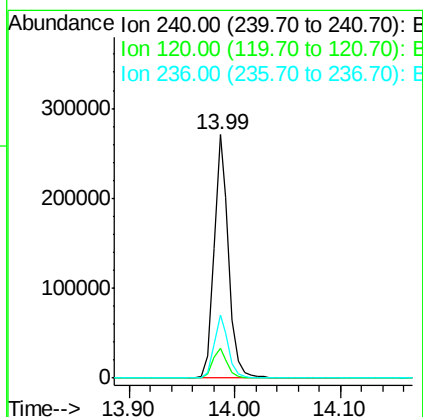
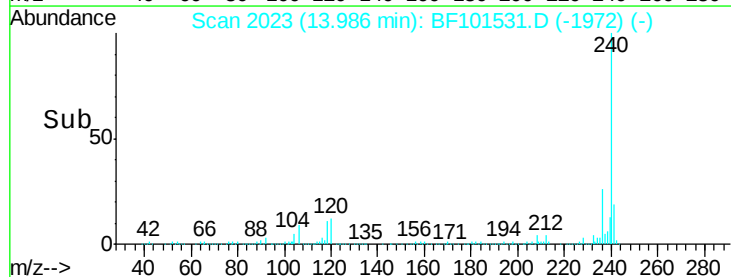
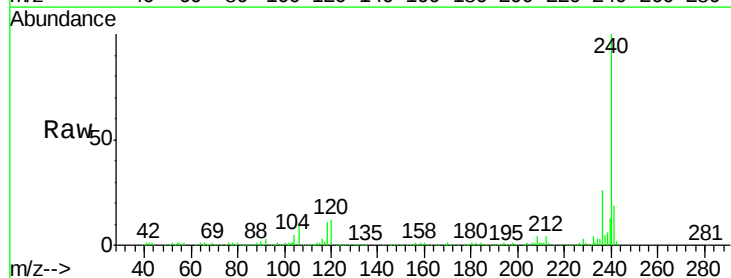
Instrument :
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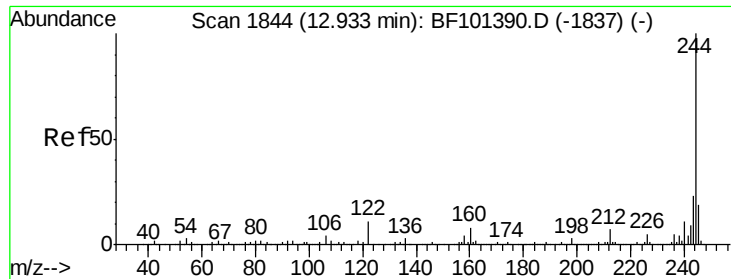
Tot Ion:188 Resp: 268937
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 10.4 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BF101531.D
Acq: 19 Dec 2017 19:15

Tgt Ion:240 Resp: 263387
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.1 20.7 31.1

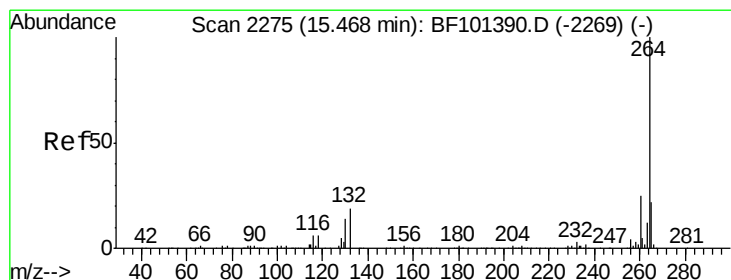
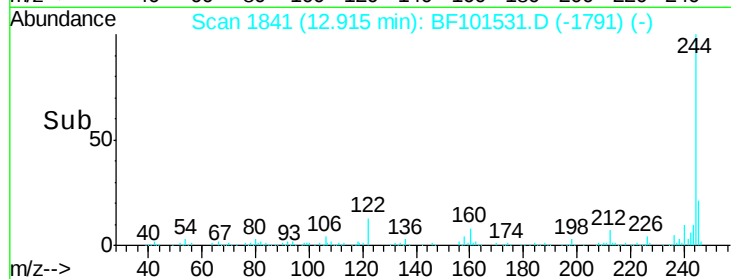
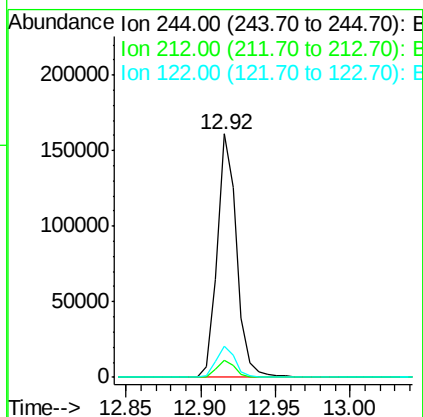
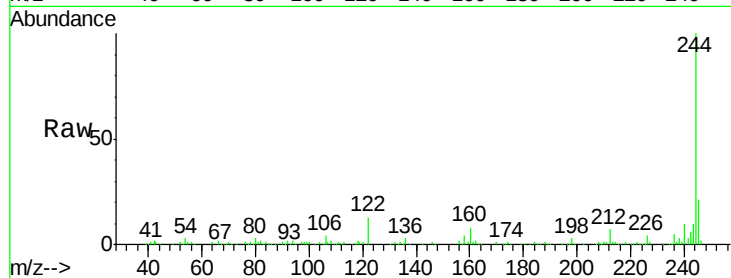




#78
 Terphenyl-d14
 Concen: 13.478 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF101531.D
 Acq: 19 Dec 2017 19:15

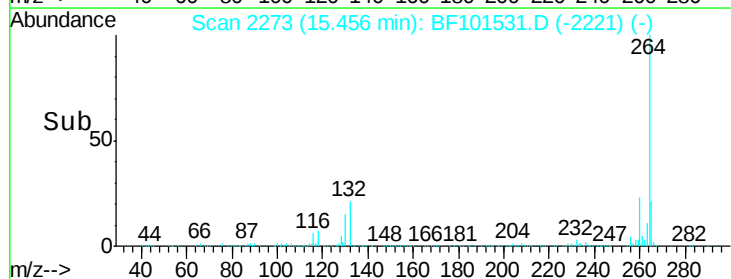
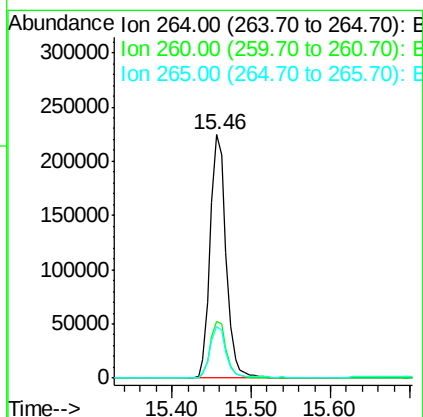
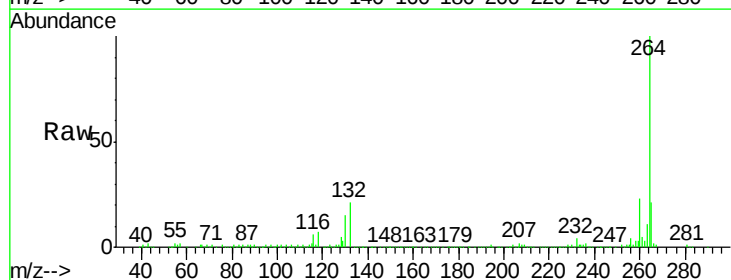
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-121817

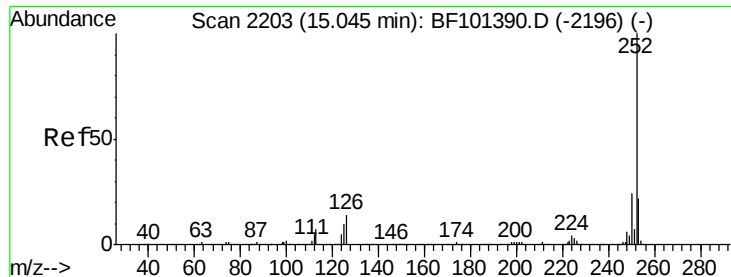
Tot Ion:244 Resp: 147250
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.01 min
 Lab File: BF101531.D
 Acq: 19 Dec 2017 19:15

Tgt Ion:264 Resp: 314434
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.0 17.5 26.3

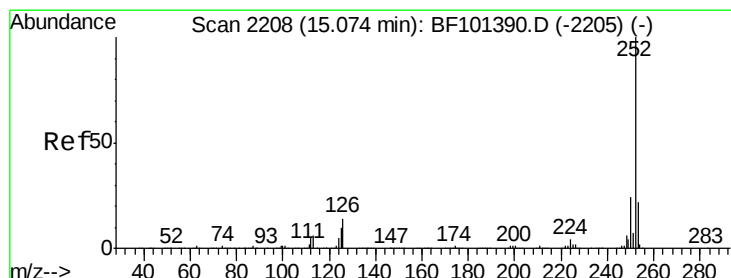
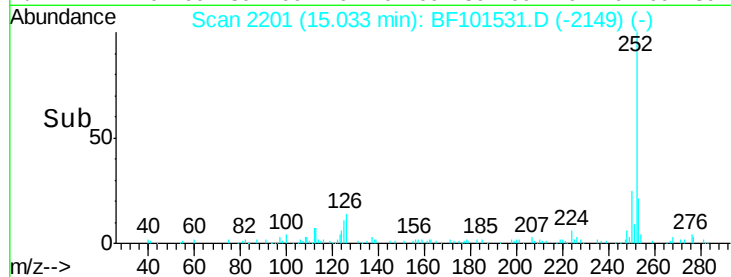
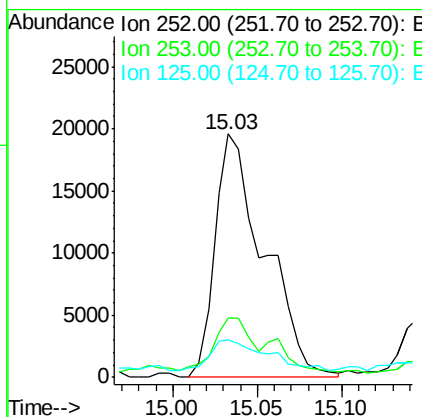
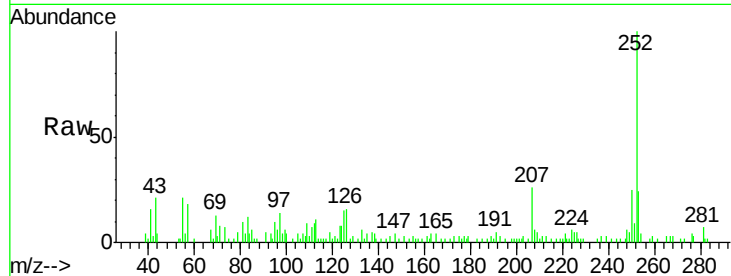




#87
Benzo(b)fluoranthene
Concen: 2.066 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BF101531.D
Acq: 19 Dec 2017 19:15

Instrument :
BNA_F
ClientSampleId :
OK-01-121817

Tot Ion:252 Resp: 39591
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 15.4 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.125 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF101531.D
Acq: 19 Dec 2017 19:15

Tgt Ion:252 Resp: 39591
Ion Ratio Lower Upper
252 100
253 24.2 17.9 26.9
125 15.4 10.2 15.2#

