

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
 Data File : BF121296.D
 Acq On : 14 Aug 2020 20:54
 Operator : JU/CG
 Sample : L3502-06 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-081320

Quant Time: Aug 17 01:06:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	91051	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	353015	20.00	ng	-0.02
39) Acenaphthene-d10	9.74	164	187059	20.00	ng	-0.02
64) Phenanthrene-d10	11.22	188	372014	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	290539	20.00	ng	-0.02
86) Perylene-d12	15.27	264	278651	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	288131	47.98	ng	-0.01
7) Phenol-d6	6.34	99	358339	46.30	ng	-0.02
23) Nitrobenzene-d5	7.27	82	225925	34.98	ng	-0.02
42) 2,4,6-Tribromophenol	10.53	330	110823	48.12	ng	-0.02
45) 2-Fluorobiphenyl	9.06	172	468334	34.63	ng	-0.02
79) Terphenyl-d14	12.81	244	540201	36.24	ng	-0.01

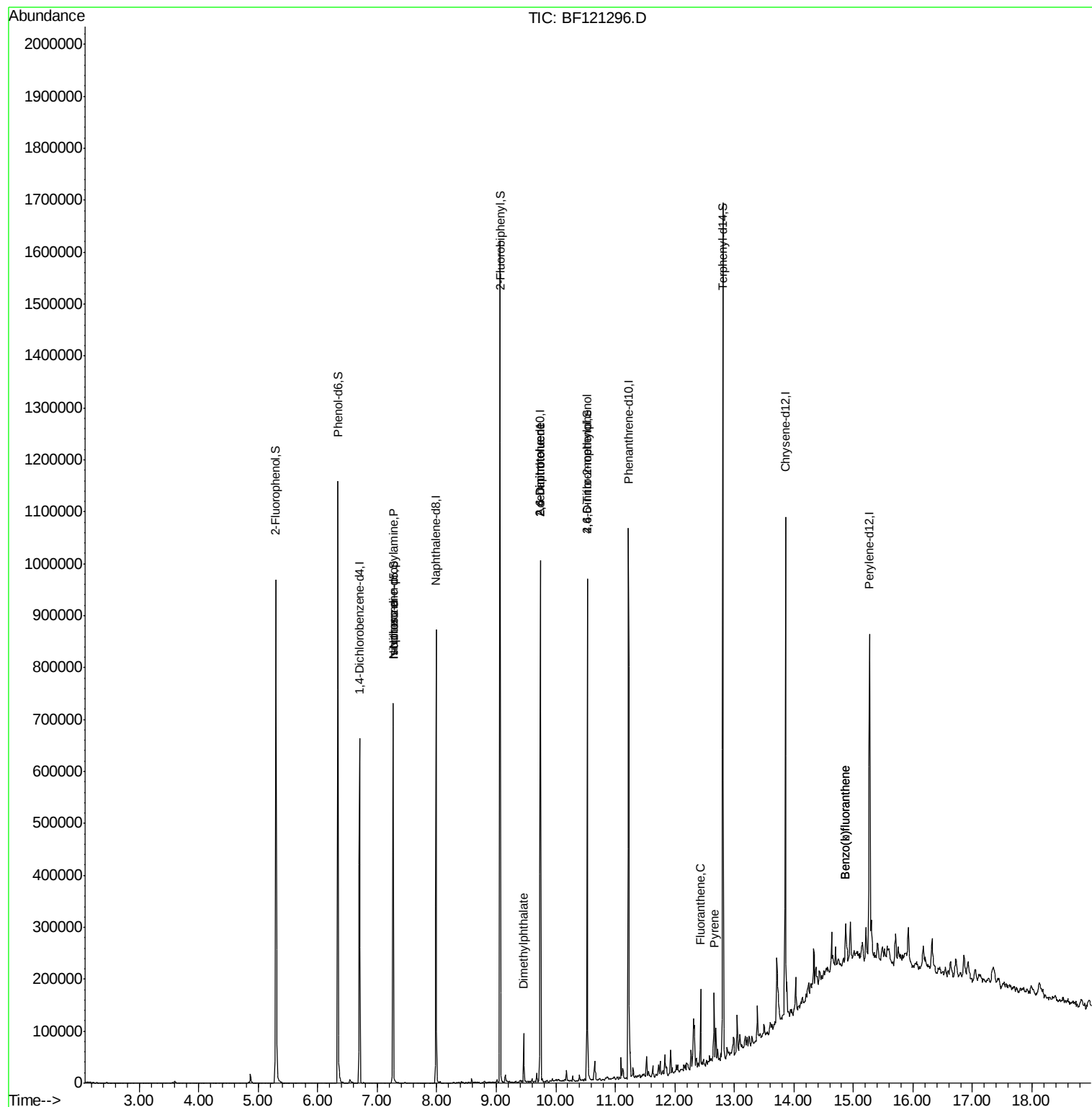
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.27	70	29315	6.817	ng	# 75
25) Isophorone	7.27	82	225921	17.421	ng	# 62
50) Dimethylphthalate	9.46	163	35096	2.493	ng	# 99
51) 2,6-Dinitrotoluene	9.74	165	24346	7.759	ng	# 26
57) 2,4-Dinitrotoluene	9.74	165	24346	5.912	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.53	198	137	5.986	ng	# 1
75) Fluoranthene	12.43	202	55897	2.359	ng	100
78) Pyrene	12.66	202	55720	2.575	ng	98
88) Benzo(b)fluoranthene	14.87	252	41096	2.201	ng	# 85
89) Benzo(k)fluoranthene	14.87	252	41096	2.370	ng	# 86

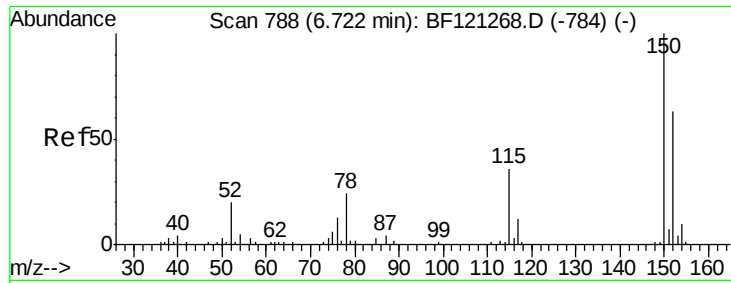
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081420\
Data File : BF121296.D
Acq On : 14 Aug 2020 20:54
Operator : JU/CG
Sample : L3502-06 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-01-081320

Quant Time: Aug 17 01:06:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 15:23:26 2020
Response via : Initial Calibration



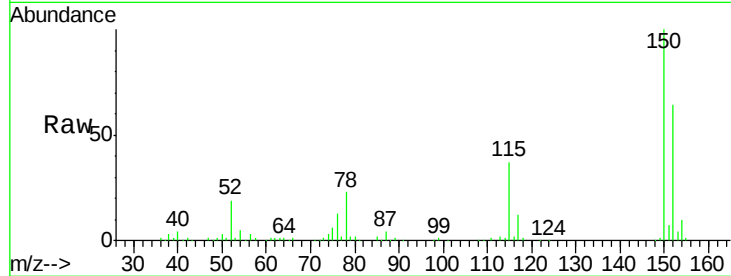


#1

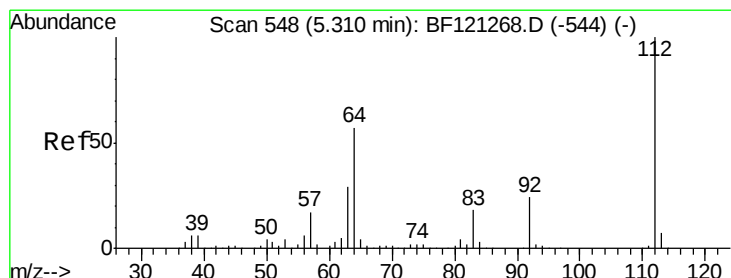
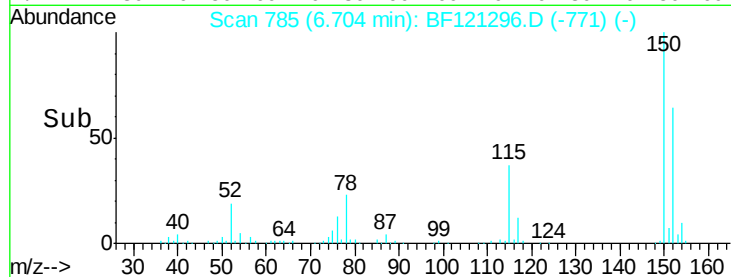
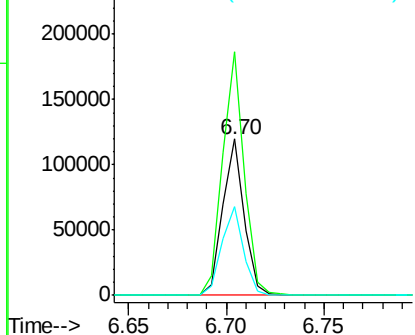
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.02 min
Lab File: BF121296.D
Acq: 14 Aug 2020 20:54

Instrument :
BNA_F
ClientSampleId :
OK-01-081320

Tot Ion:152 Resp: 91051
Ion Ratio Lower Upper
152 100
150 155.7 129.0 193.6
115 57.2 49.0 73.4



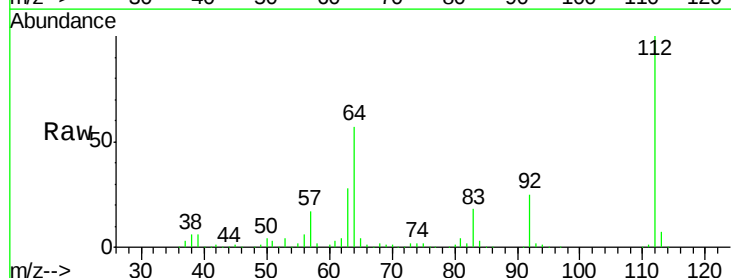
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



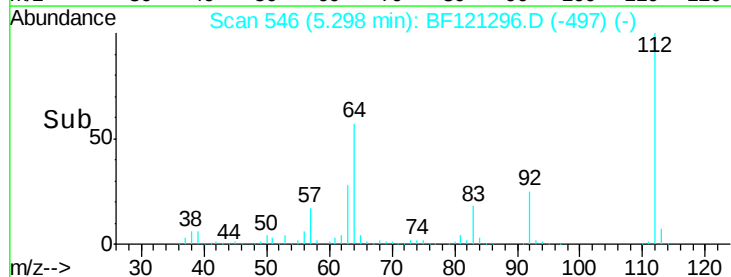
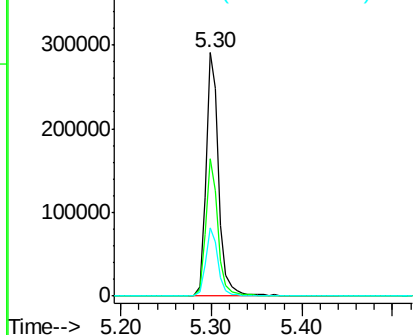
#5

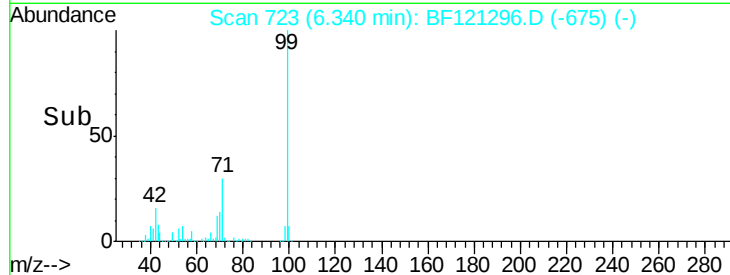
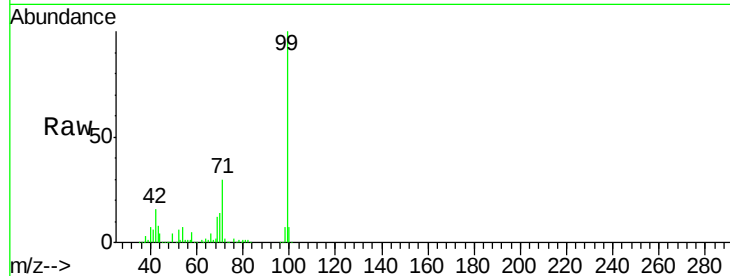
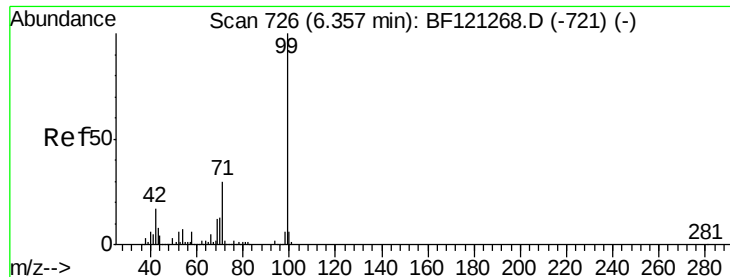
2-Fluorophenol
Concen: 47.976 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF121296.D
Acq: 14 Aug 2020 20:54

Tgt Ion:112 Resp: 288131
Ion Ratio Lower Upper
112 100
64 56.6 45.4 68.2
63 27.8 23.0 34.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 46.302 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF121296.D

Acq: 14 Aug 2020 20:54

Instrument :

BNA_F

ClientSampleId :

OK-01-081320

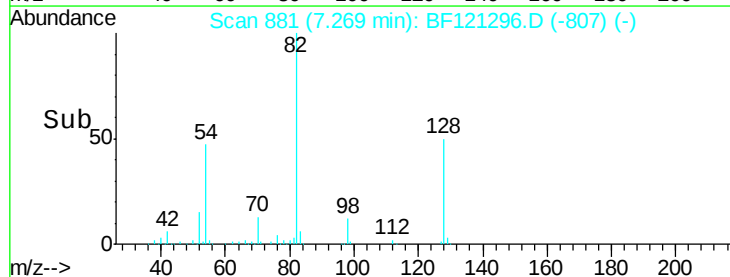
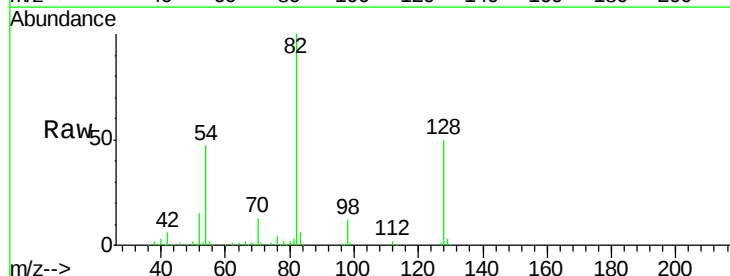
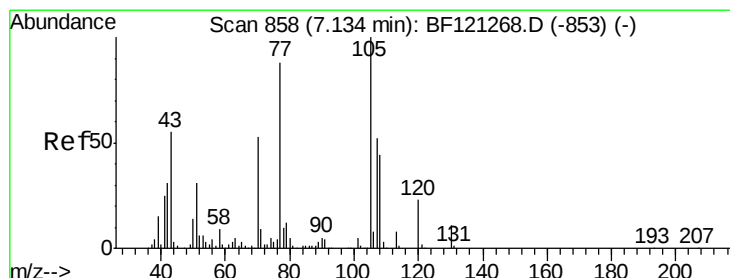
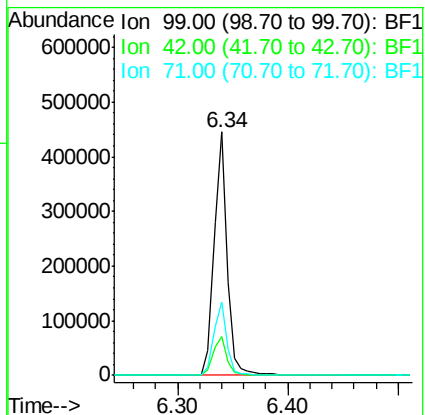
Tot Ion: 99 Resp: 358339

Ion Ratio Lower Upper

99 100

42 15.9 13.1 19.7

71 30.0 23.7 35.5



#19

n-Nitroso-di-n-propylamine

Concen: 6.817 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.14 min

Lab File: BF121296.D

Acq: 14 Aug 2020 20:54

Tgt Ion: 70 Resp: 29315

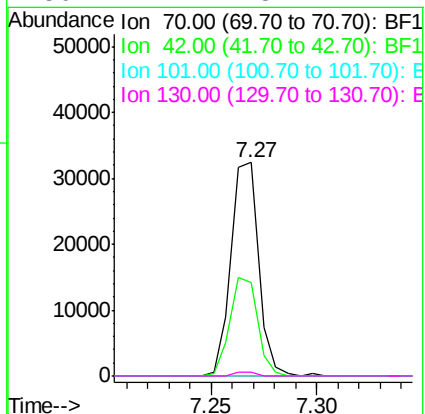
Ion Ratio Lower Upper

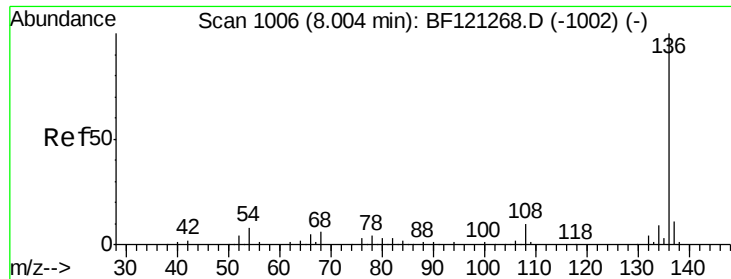
70 100

42 43.8 45.6 68.4#

101 0.0 7.8 11.8#

130 2.1 18.2 27.2#

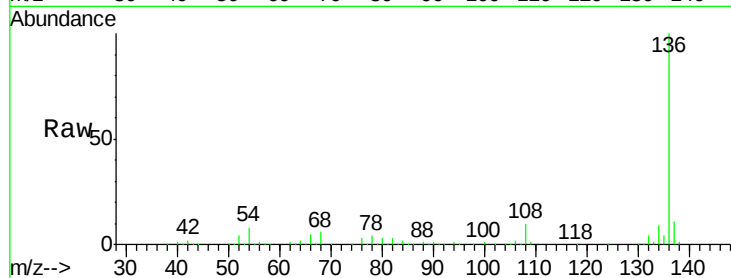




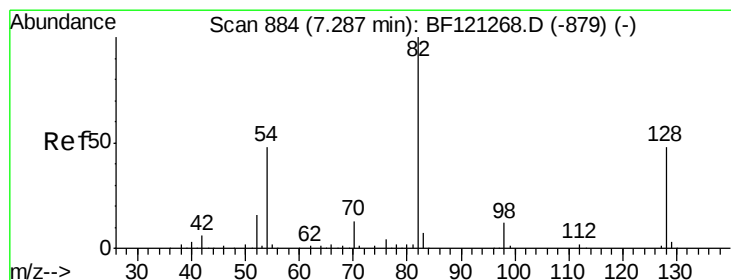
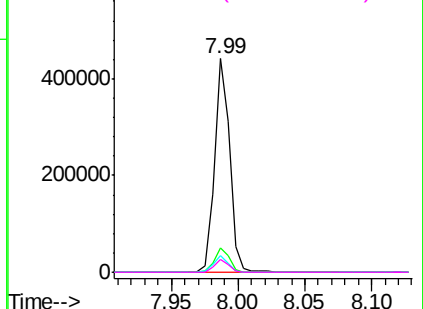
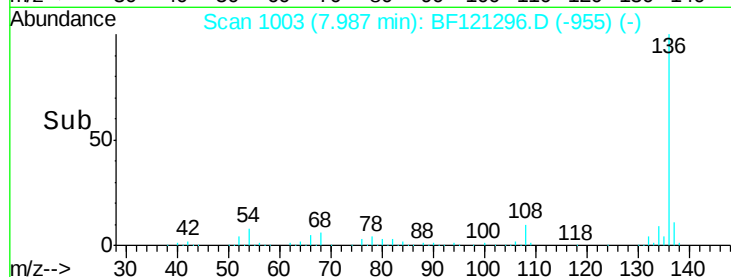
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BF121296.D
Acq: 14 Aug 2020 20:54

Instrument :
BNA_F
ClientSampleId :
OK-01-081320

Tot Ion:136	Resp:	353015
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.6 13.0
54	7.6	5.3 7.9
68	6.1	4.2 6.2

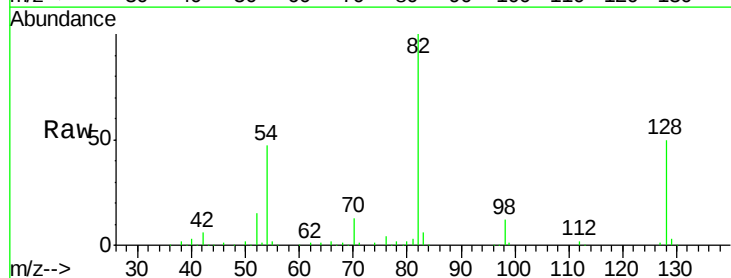


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

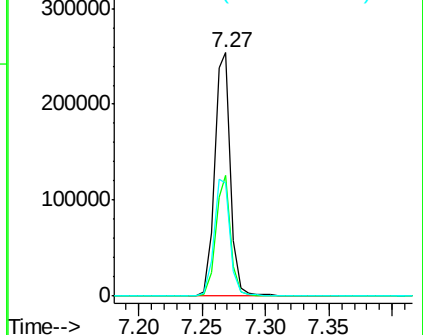
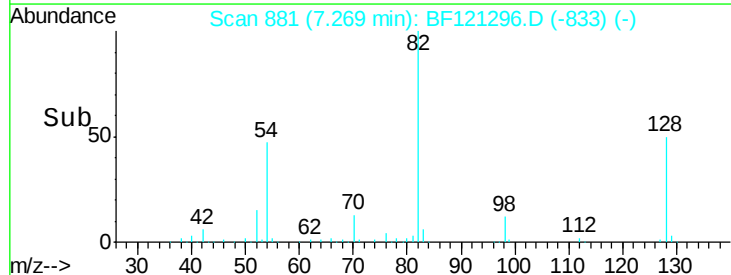


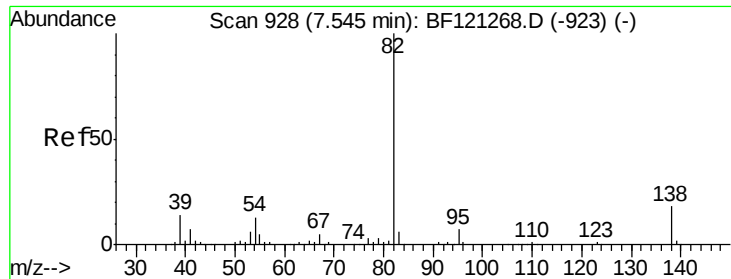
#23
Nitrobenzene-d5
Concen: 34.977 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF121296.D
Acq: 14 Aug 2020 20:54

Tgt Ion: 82	Resp:	225925
Ion	Ratio	Lower Upper
82	100	
128	49.6	39.8 59.8
54	46.7	37.7 56.5



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: 17.421 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF121296.D

Acq: 14 Aug 2020 20:54

Instrument :

BNA_F

ClientSampleId :

OK-01-081320

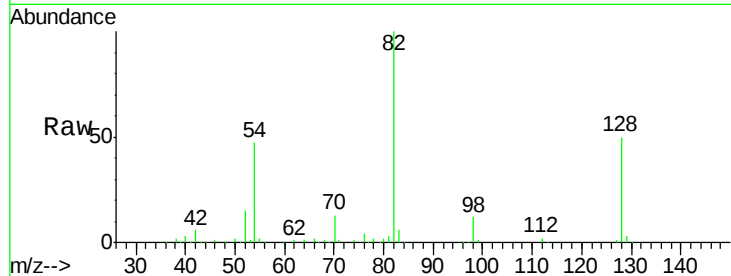
Tot Ion: 82 Resp: 225921

Ion Ratio Lower Upper

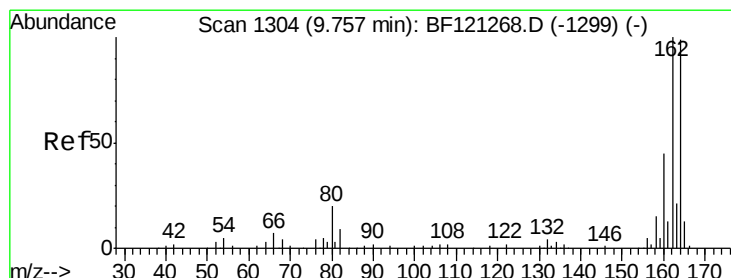
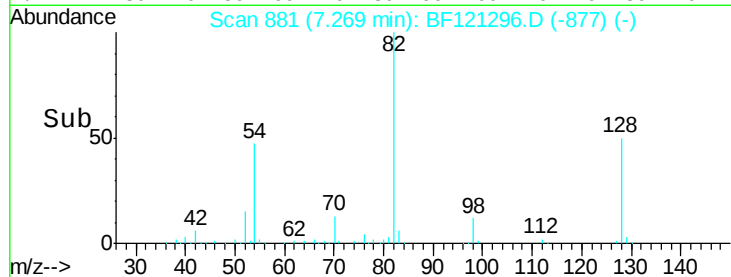
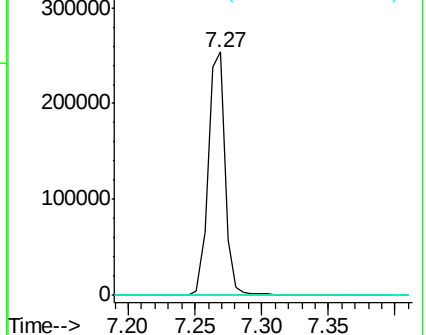
82 100

95 0.0 5.2 7.8#

138 0.0 16.0 24.0#



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF121296.D

Acq: 14 Aug 2020 20:54

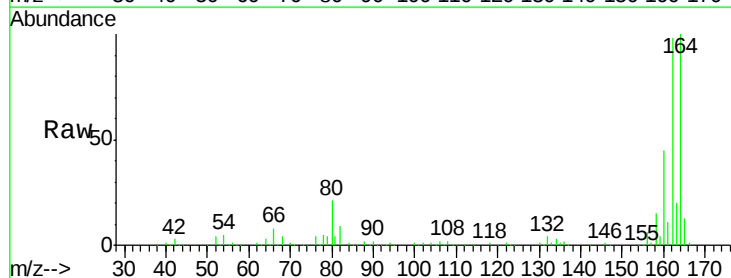
Tgt Ion:164 Resp: 187059

Ion Ratio Lower Upper

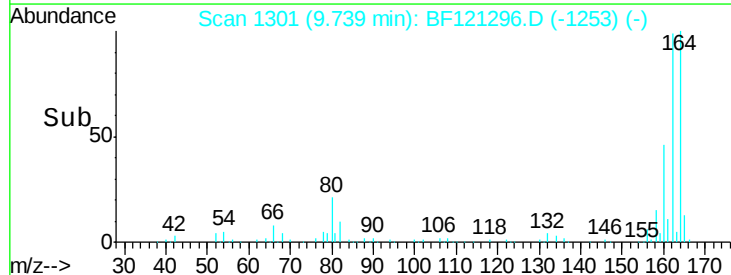
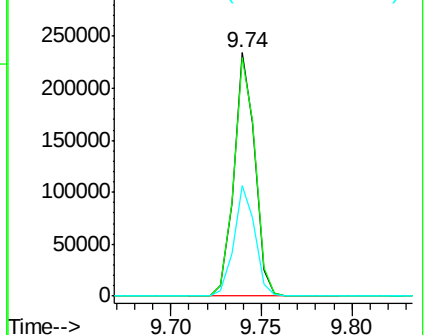
164 100

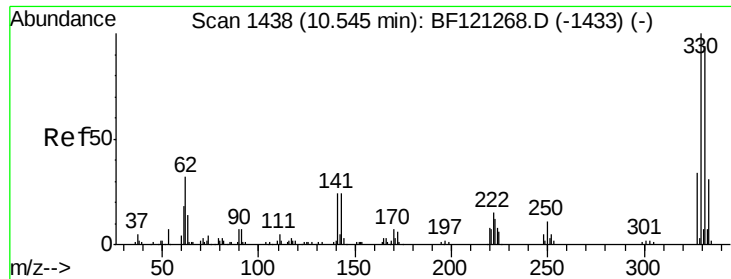
162 97.9 81.2 121.8

160 45.5 36.9 55.3



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

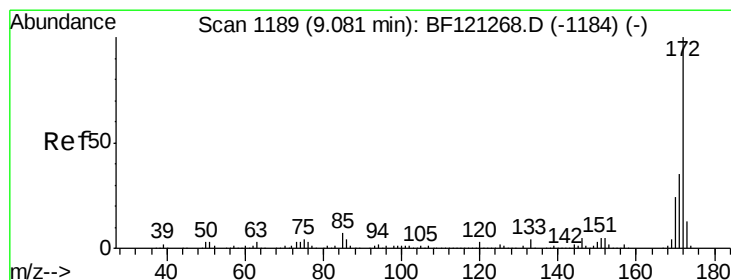
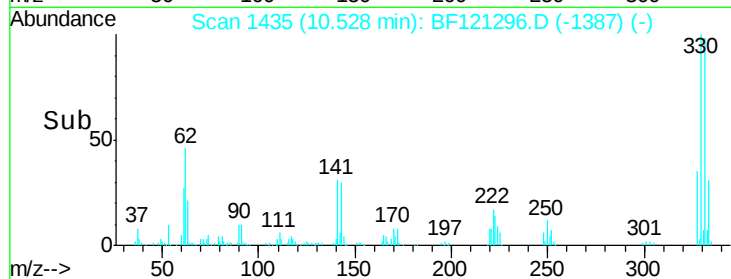
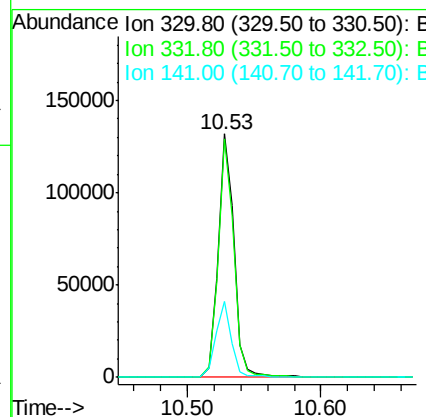
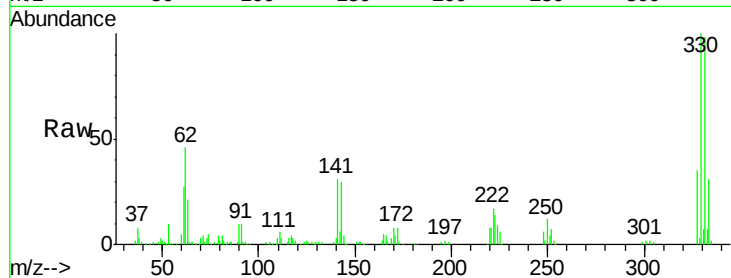




#42
 2,4,6-Tribromophenol
 Concen: 48.120 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF121296.D
 Acq: 14 Aug 2020 20:54

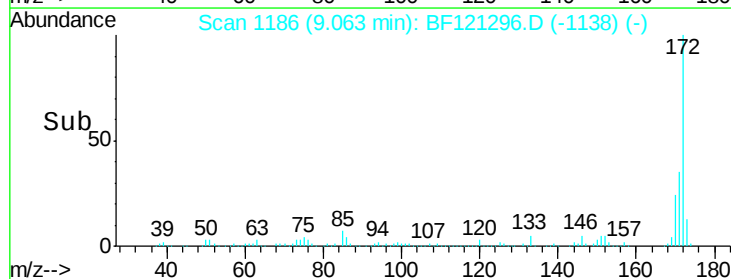
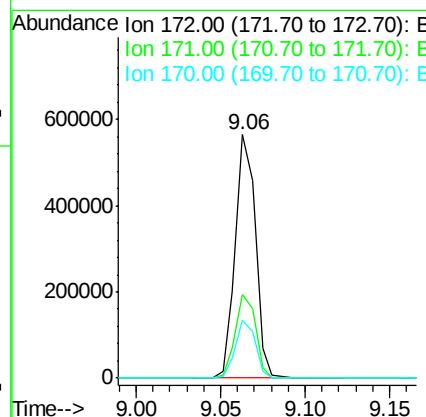
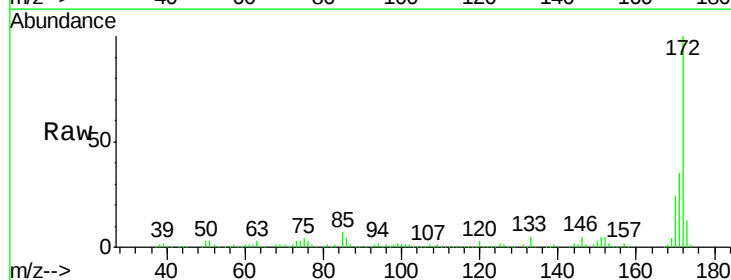
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-081320

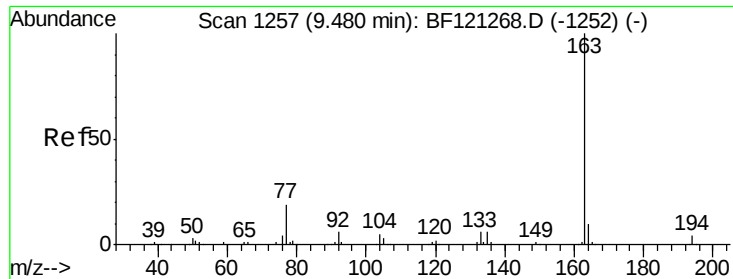
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	30.9	23.4	35.2



#45
 2-Fluorobiphenyl
 Concen: 34.633 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF121296.D
 Acq: 14 Aug 2020 20:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	23.6	19.3	28.9





#50

Dimethylphthalate

Concen: 2.493 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF121296.D

Acq: 14 Aug 2020 20:54

Instrument :

BNA_F

ClientSampleId :

OK-01-081320

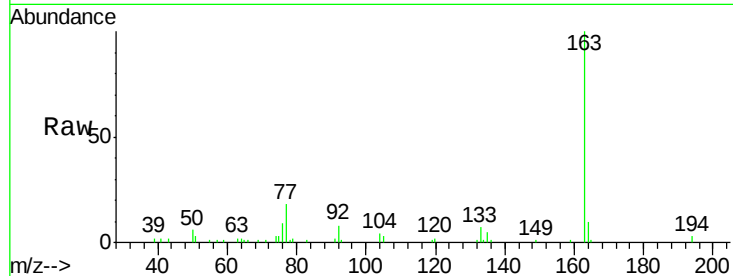
Tot Ion:163 Resp: 35096

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

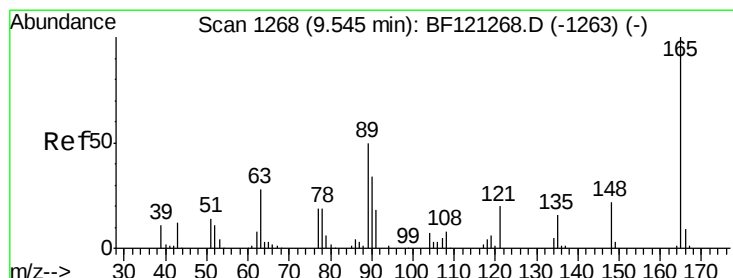
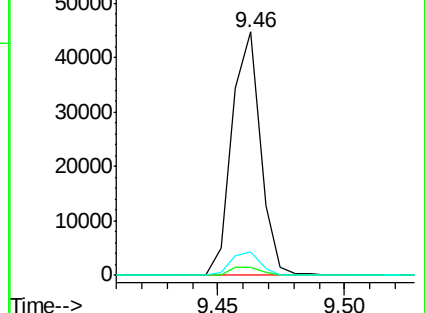
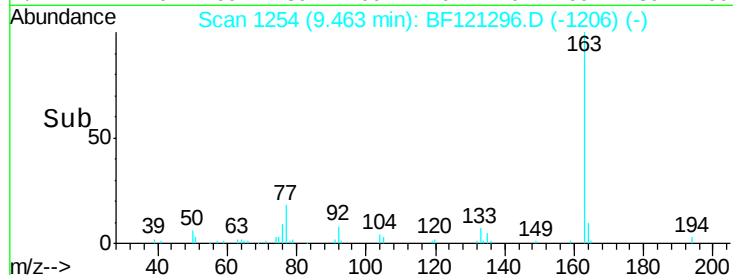
164 9.6 8.1 12.1



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



#51

2,6-Dinitrotoluene

Concen: 7.759 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.19 min

Lab File: BF121296.D

Acq: 14 Aug 2020 20:54

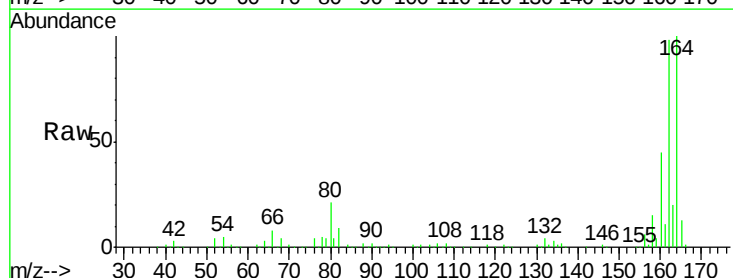
Tgt Ion:165 Resp: 24346

Ion Ratio Lower Upper

165 100

63 1.1 42.3 63.5#

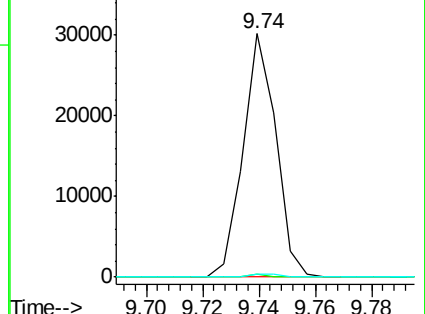
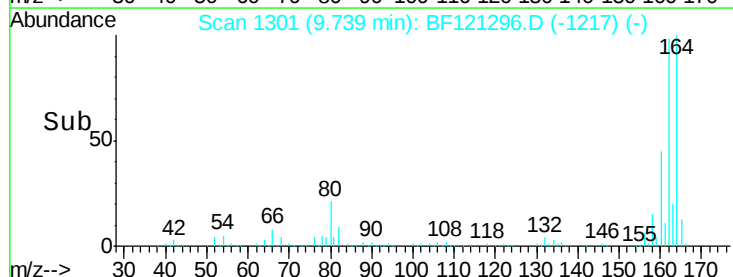
89 1.3 45.0 67.4#

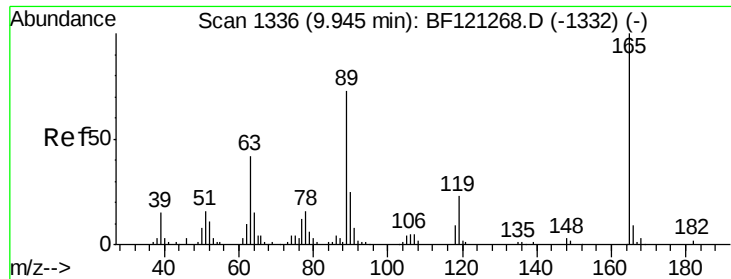


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

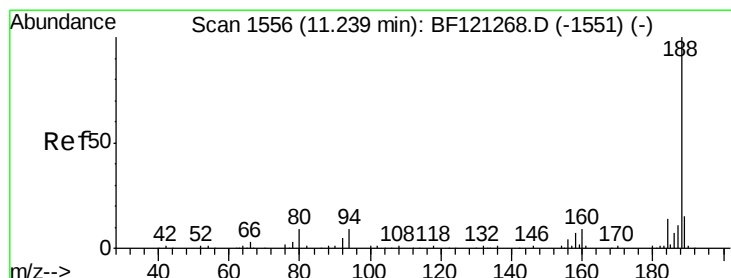
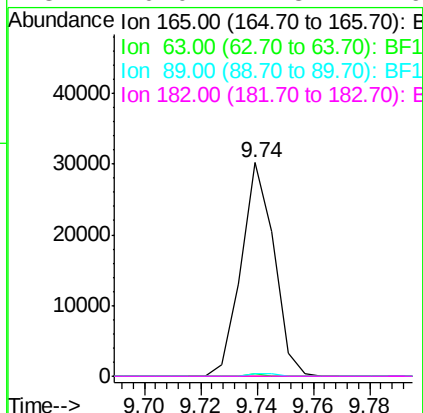
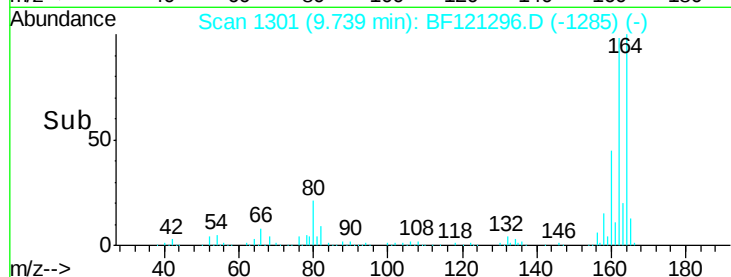
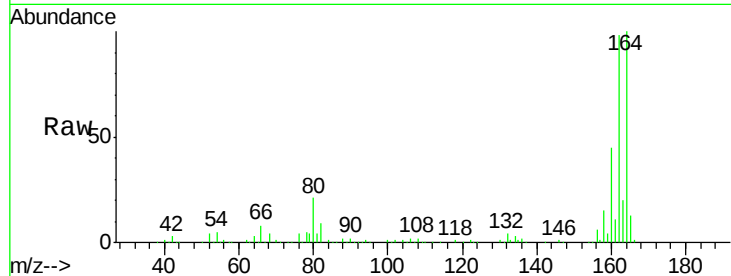




#57
 2,4-Dinitrotoluene
 Concen: 5.912 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.21 min
 Lab File: BF121296.D
 Acq: 14 Aug 2020 20:54

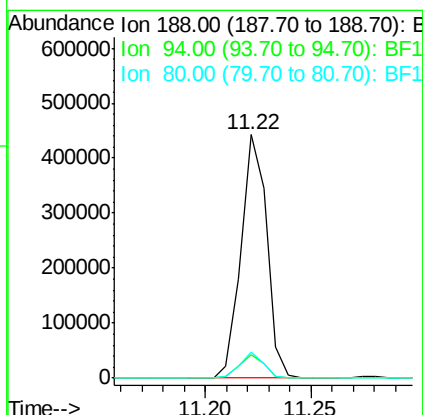
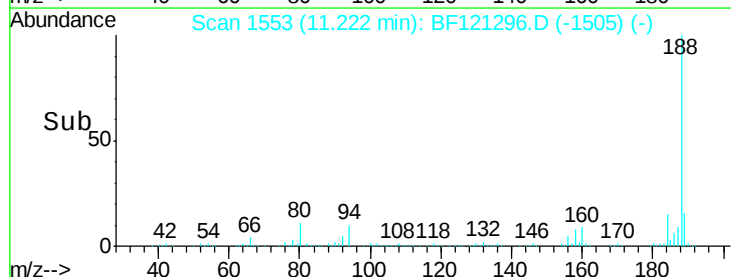
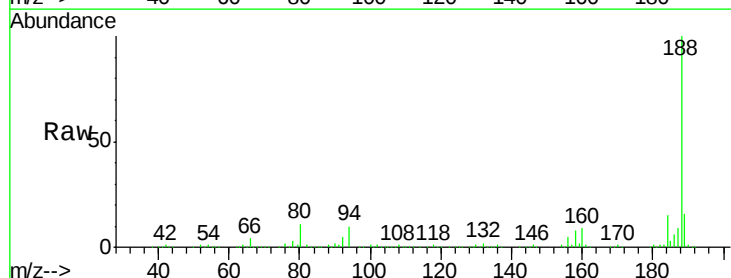
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-081320

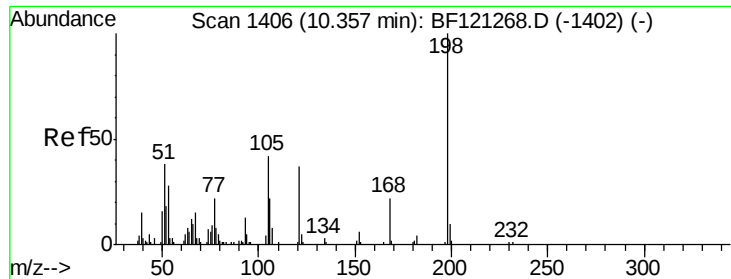
Tot Ion:165	Resp:	24346
Ion Ratio	Lower	Upper
165	100	
63	1.1	31.9 47.9#
89	1.3	53.6 80.4#
182	0.0	1.8 2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.02 min
 Lab File: BF121296.D
 Acq: 14 Aug 2020 20:54

Tgt Ion:188	Resp:	372014
Ion Ratio	Lower	Upper
188	100	
94	9.7	7.0 10.6
80	10.5	7.4 11.0

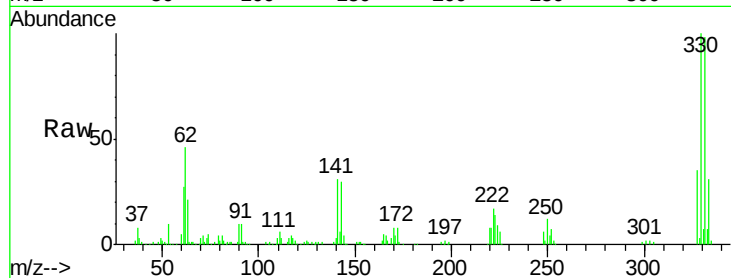




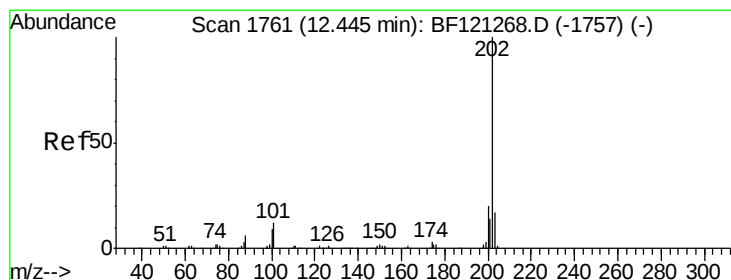
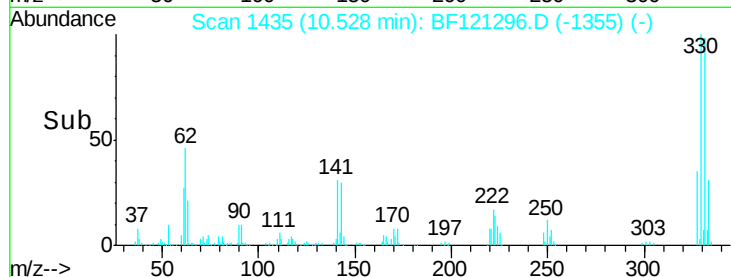
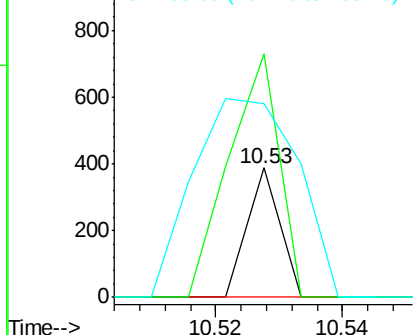
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.986 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.17 min
 Lab File: BF121296.D
 Acq: 14 Aug 2020 20:54

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-081320

Tot Ion:198 Resp: 137
 Ion Ratio Lower Upper
 198 100
 51 188.6 29.1 69.1#
 105 149.9 28.3 68.3#

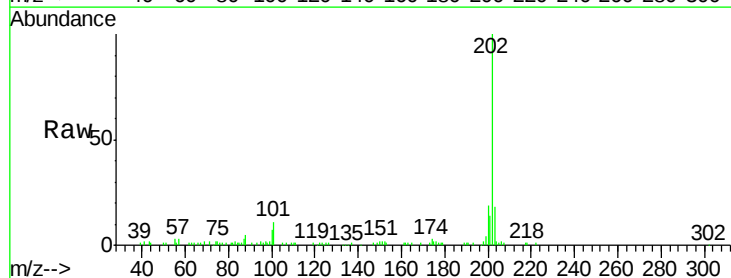


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

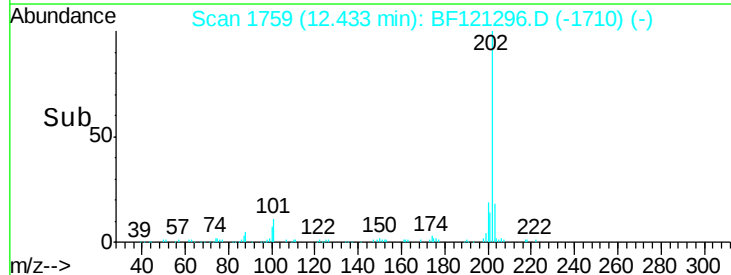
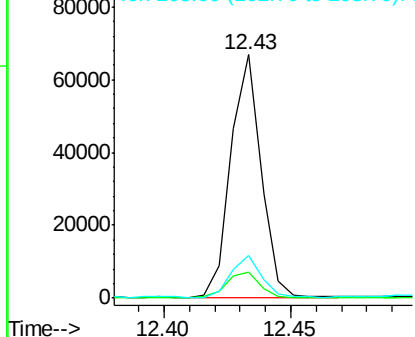


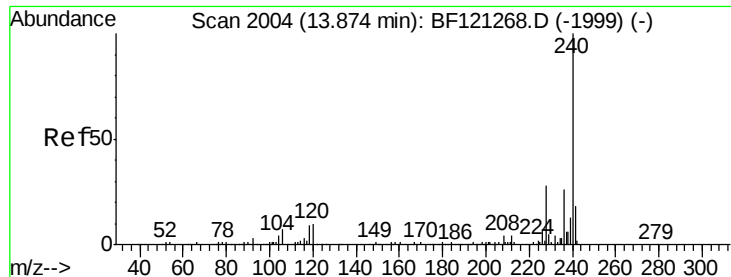
#75
 Fluoranthene
 Concen: 2.359 ng
 RT: 12.43 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BF121296.D
 Acq: 14 Aug 2020 20:54

Tgt Ion:202 Resp: 55897
 Ion Ratio Lower Upper
 202 100
 101 10.5 0.0 30.6
 203 17.7 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.02 min

Lab File: BF121296.D

Acq: 14 Aug 2020 20:54

Instrument :

BNA_F

ClientSampleId :

OK-01-081320

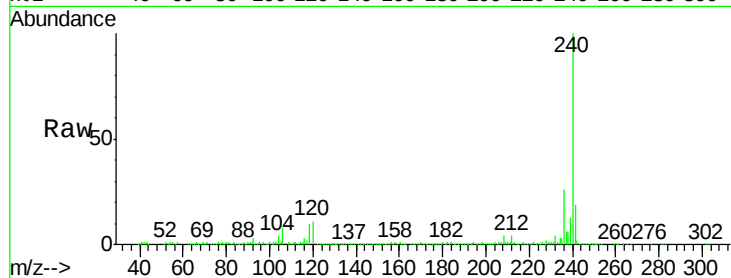
Tot Ion:240 Resp: 290539

Ion Ratio Lower Upper

240 100

120 11.1 9.2 13.8

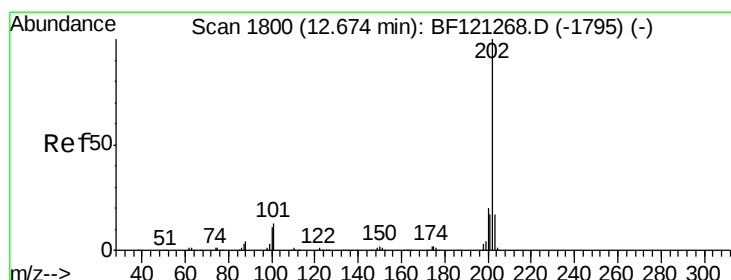
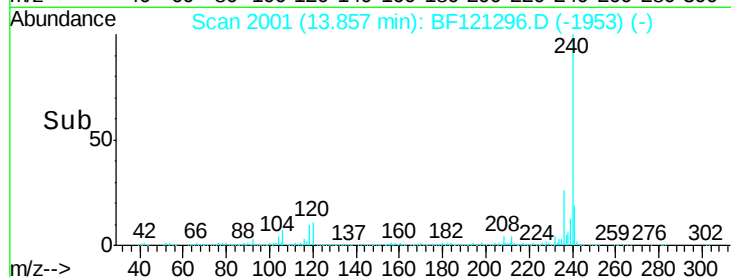
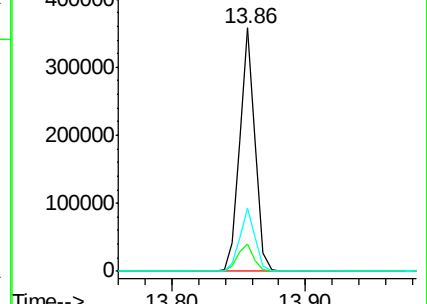
236 25.9 21.0 31.4



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



#78

Pyrene

Concen: 2.575 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.02 min

Lab File: BF121296.D

Acq: 14 Aug 2020 20:54

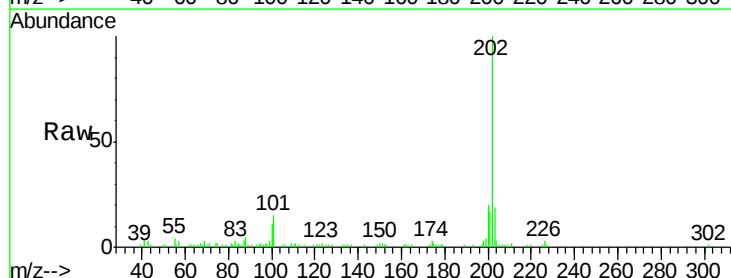
Tgt Ion:202 Resp: 55720

Ion Ratio Lower Upper

202 100

200 20.0 16.3 24.5

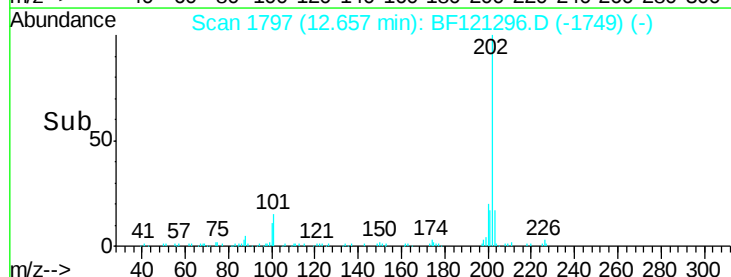
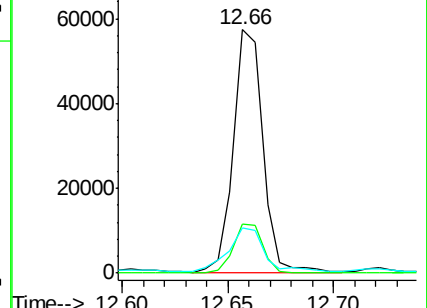
203 18.6 13.8 20.8

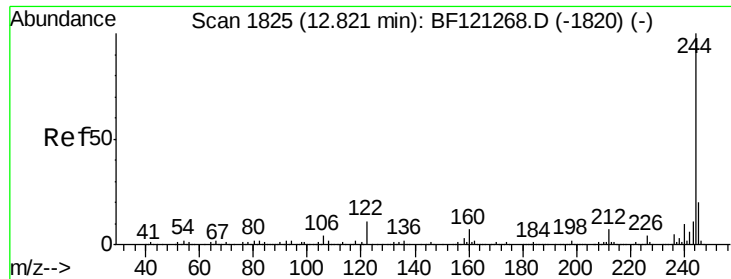


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

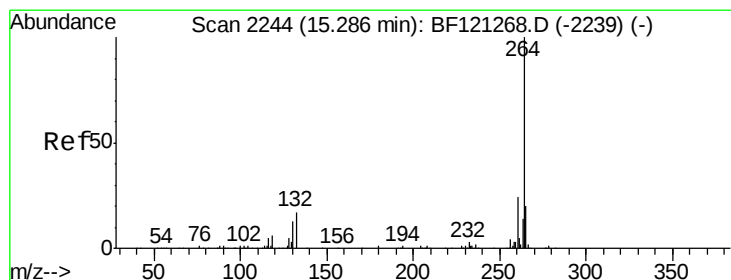
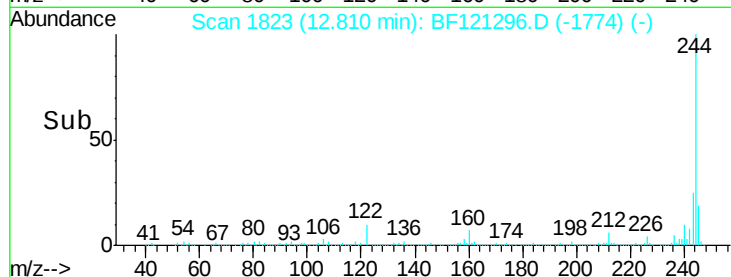
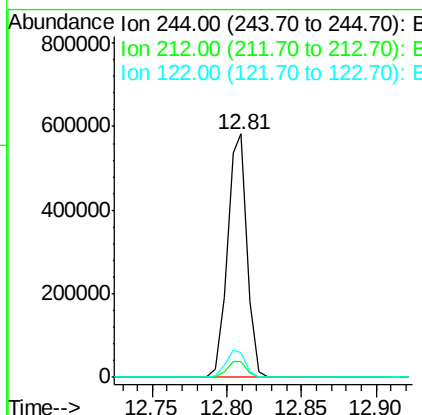
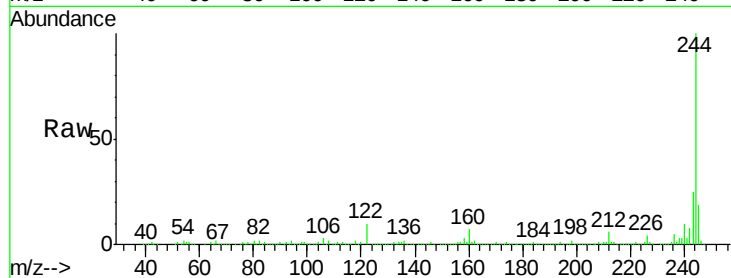




#79
 Terphenyl-d14
 Concen: 36.244 ng
 RT: 12.81 min Scan# 1823
 Delta R.T. -0.01 min
 Lab File: BF121296.D
 Acq: 14 Aug 2020 20:54

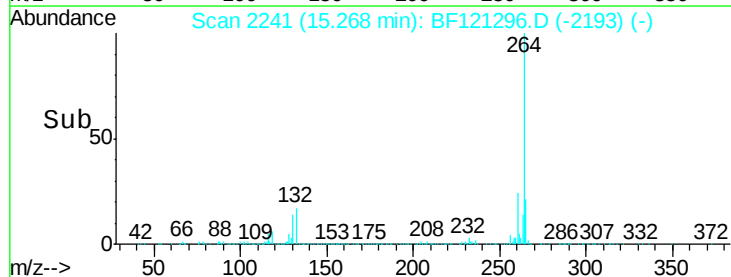
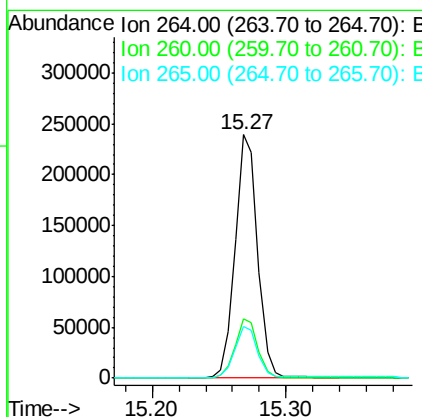
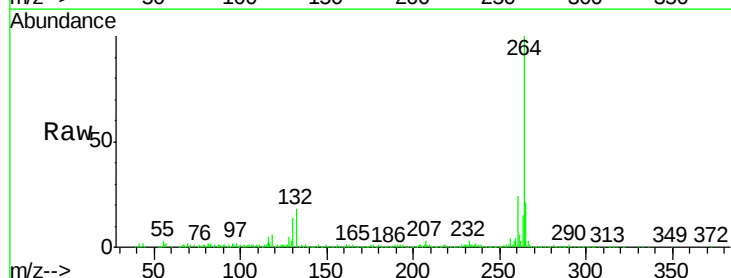
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-081320

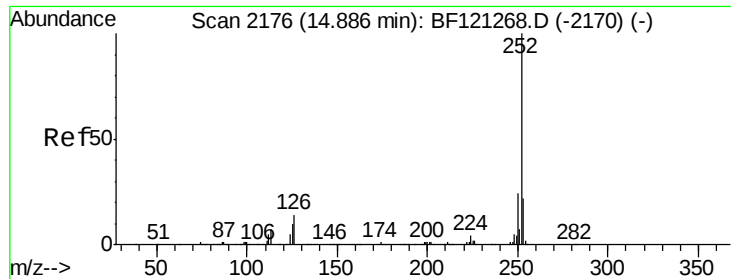
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.5	8.3
122	10.1	9.1	13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.02 min
 Lab File: BF121296.D
 Acq: 14 Aug 2020 20:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.5	29.3
265	21.0	17.1	25.7

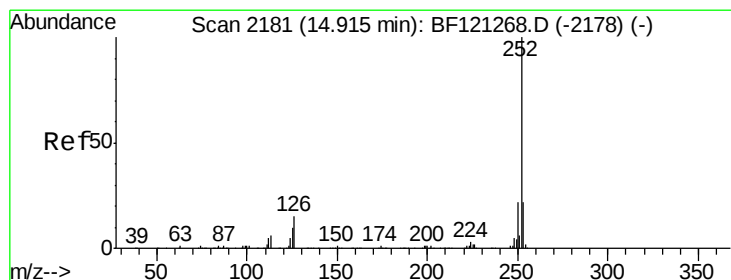
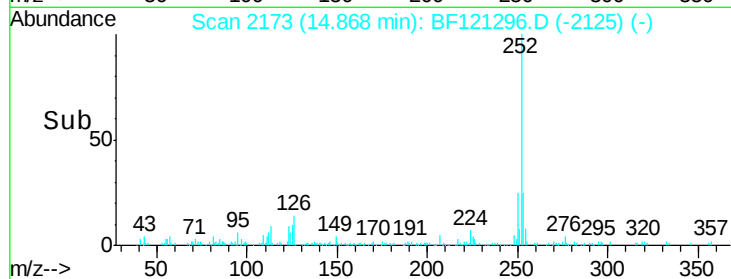
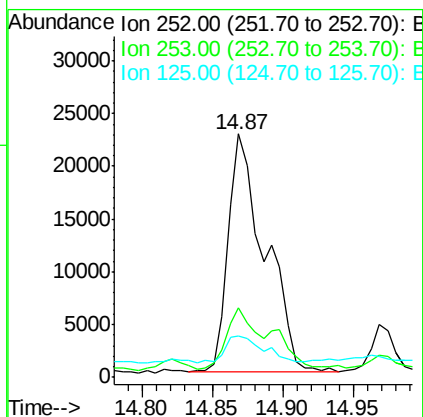
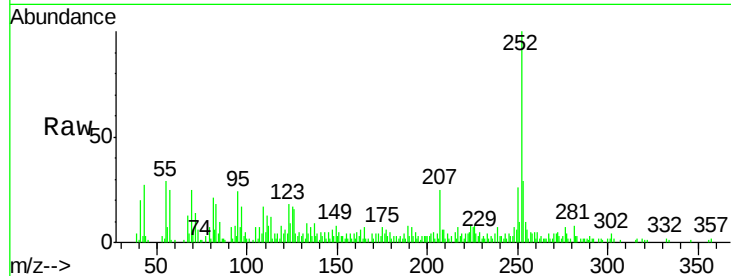




#88
Benzo(b)fluoranthene
Concen: 2.201 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BF121296.D
Acq: 14 Aug 2020 20:54

Instrument :
BNA_F
ClientSampleId :
OK-01-081320

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.6	17.9	26.9#
125	17.2	7.6	11.4#



#89
Benzo(k)fluoranthene
Concen: 2.370 ng
RT: 14.87 min Scan# 2173
Delta R.T. -0.05 min
Lab File: BF121296.D
Acq: 14 Aug 2020 20:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.0	27.0#
125	17.2	8.8	13.2#

