

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 04:43:54 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

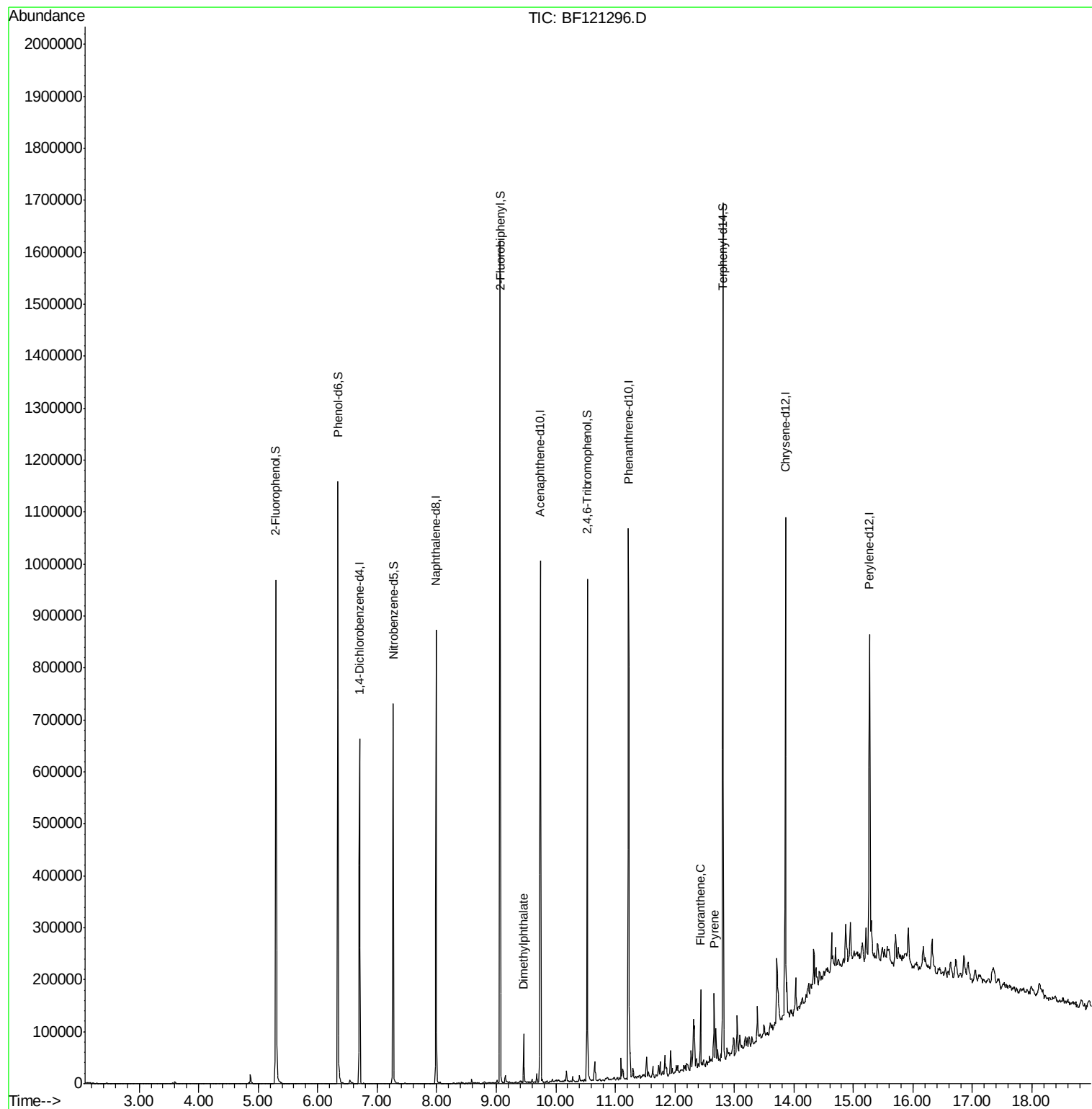
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	91051	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	353015	20.00	ng	-0.02
39) Acenaphthene-d10	9.74	164	187059	20.00	ng	-0.02
64) Phenanthrene-d10	11.22	188	372014	20.00	ng	-0.02
76) Chrysene-d12	13.86	240	290539	20.00	ng	-0.02
86) Perylene-d12	15.27	264	278651	20.00	ng	-0.02
System Monitoring Compounds						
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						
50) Dimethylphthalate	9.46	163	35096	2.493	ng	99
75) Fluoranthene	12.43	202	55897	2.359	ng	100
78) Pyrene	12.66	202	55720	2.575	ng	98

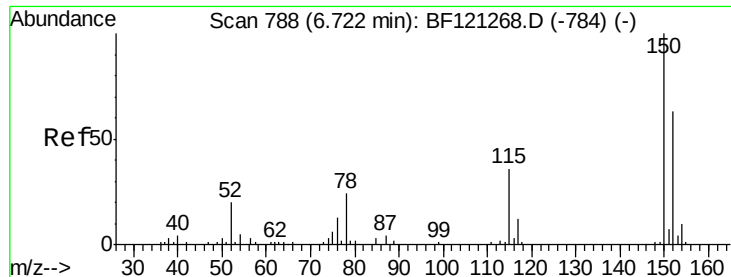
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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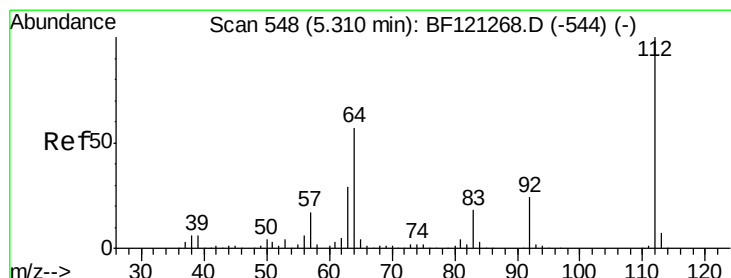
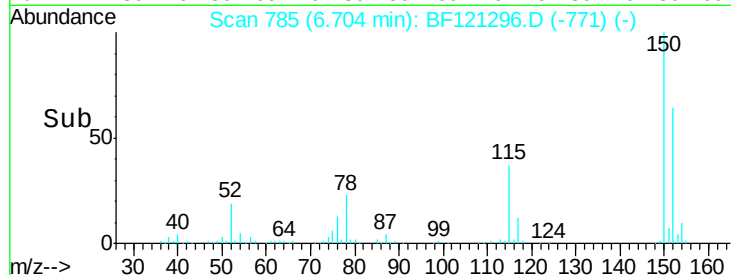
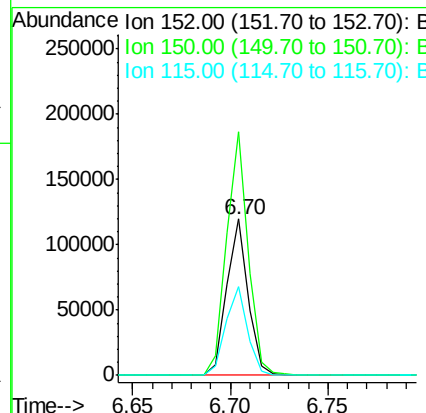
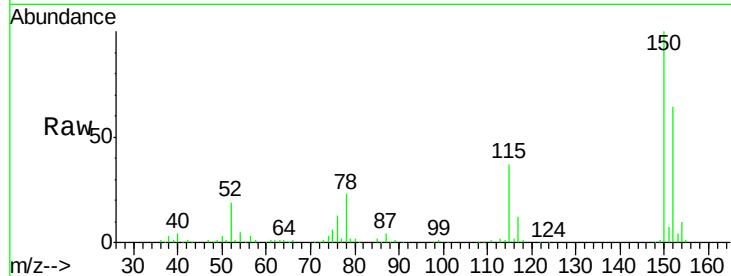


#1

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

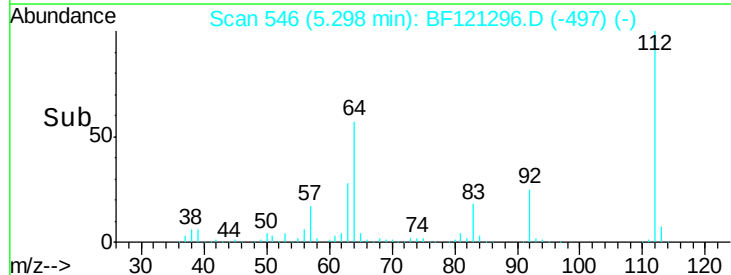
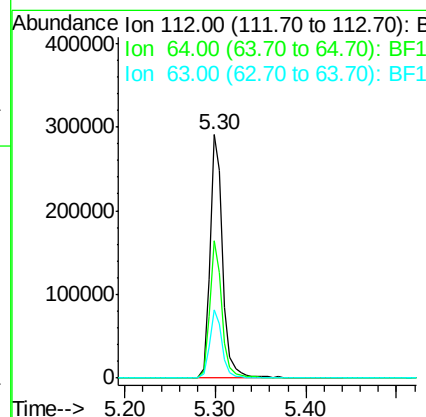
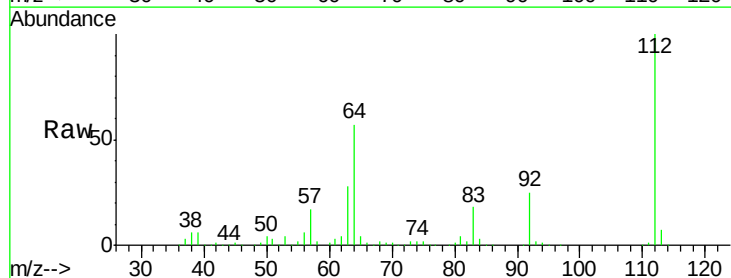
Tot Ion:152 Resp: 91051
Ion Ratio Lower Upper
152 100
150 155.7 129.0 193.6
115 57.2 49.0 73.4

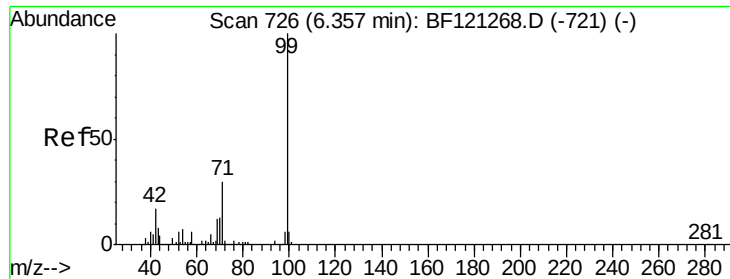


#5

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





#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

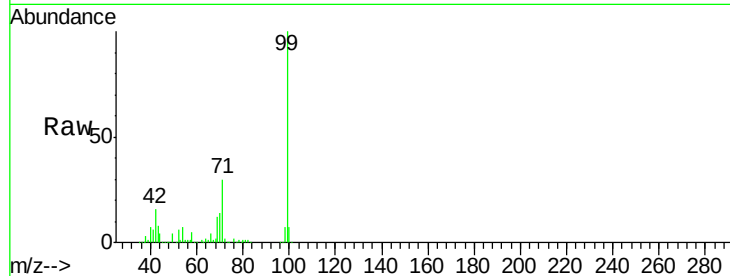
Tot Ion: 99 Resp: 358339

Ion Ratio Lower Upper

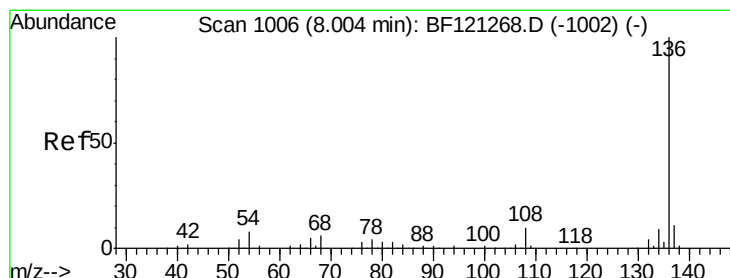
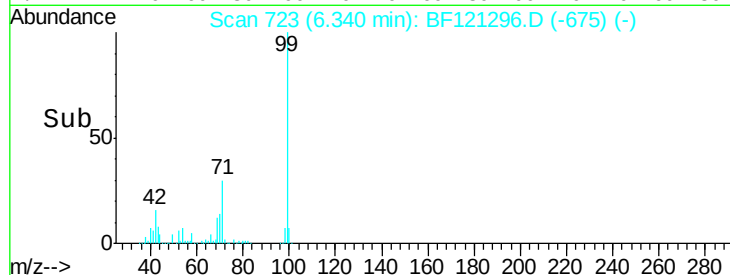
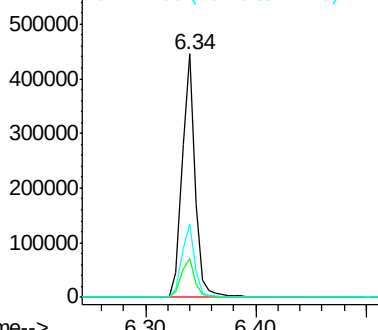
99 100

42 15.9 13.1 19.7

71 30.0 23.7 35.5



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#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

Tgt Ion: 136 Resp: 353015

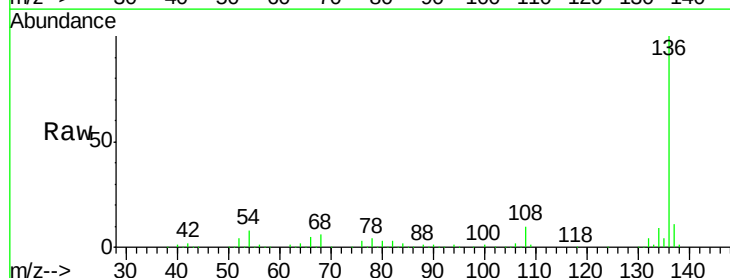
Ion Ratio Lower Upper

136 100

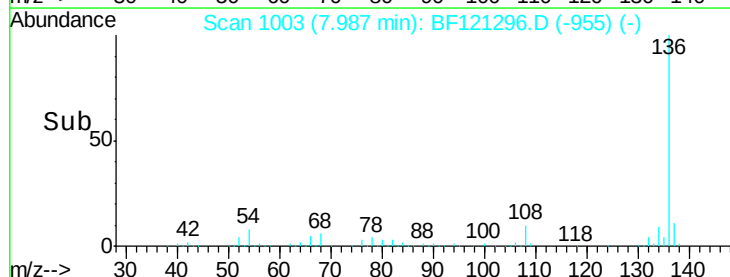
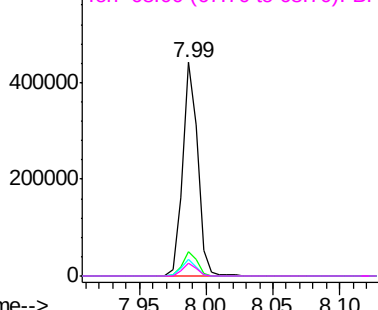
137 11.2 8.6 13.0

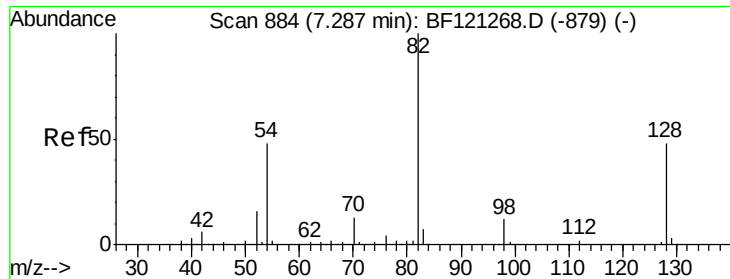
54 7.6 5.3 7.9

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

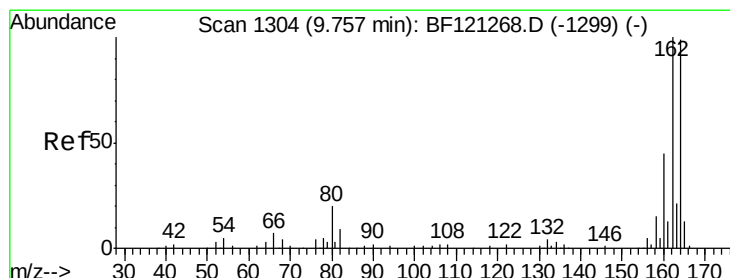
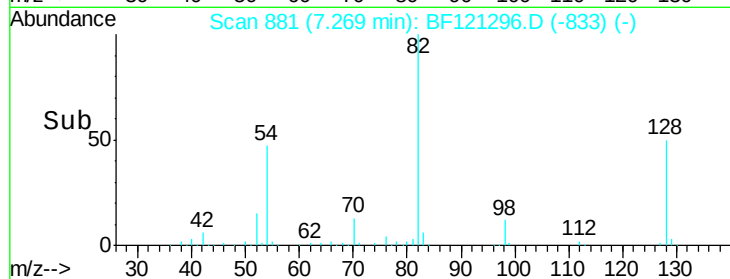
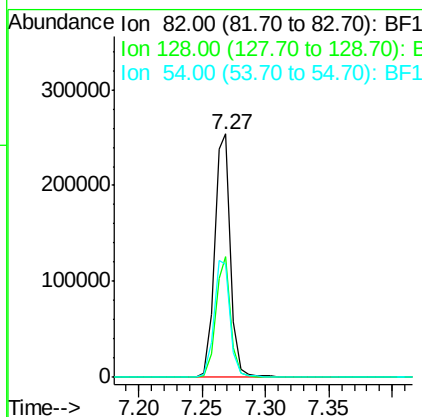
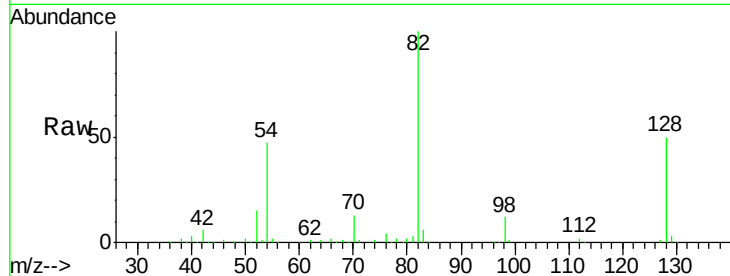




#23
 Nitrobenzene-d5
 Concen: 34.977 ng
 RT: 7.27 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF121296.D
 Acq: 14 Aug 2020 20:54

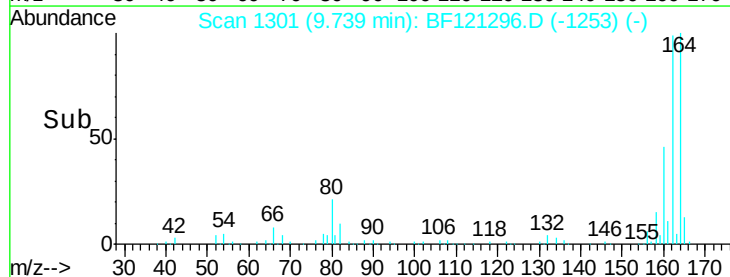
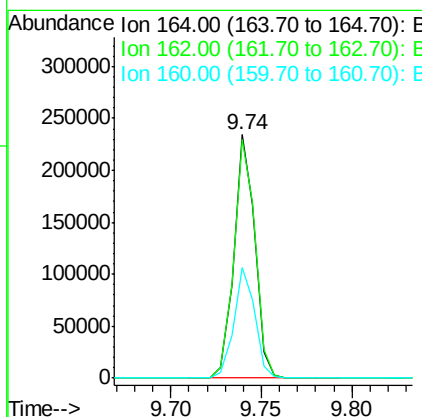
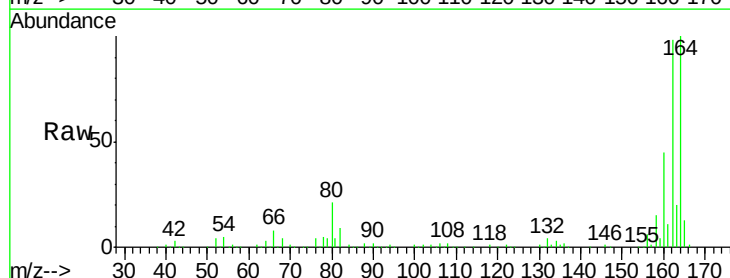
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-081320

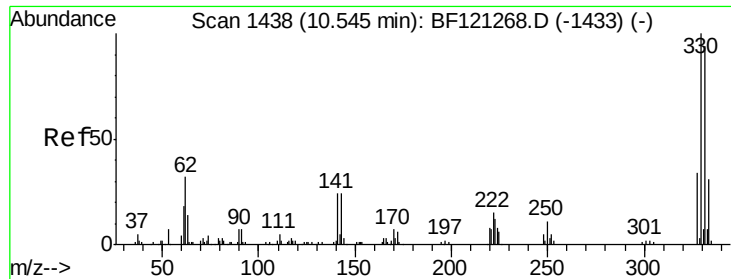
Tot Ion	82	Resp	225925
Ion Ratio	Lower	Upper	
82	100		
128	49.6	39.8	59.8
54	46.7	37.7	56.5



#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

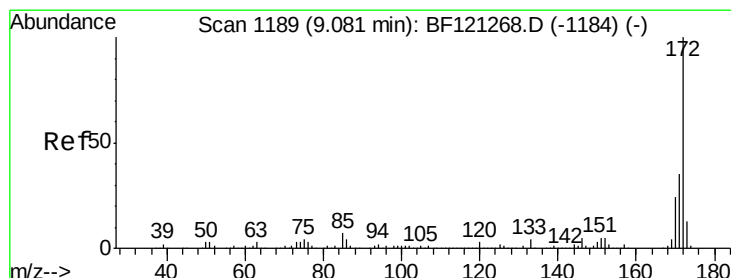
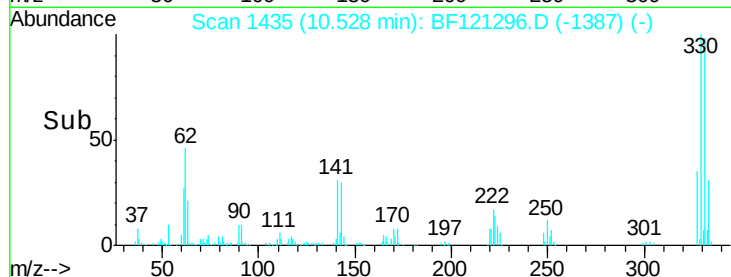
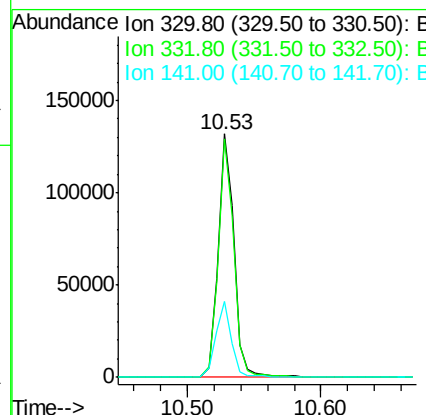
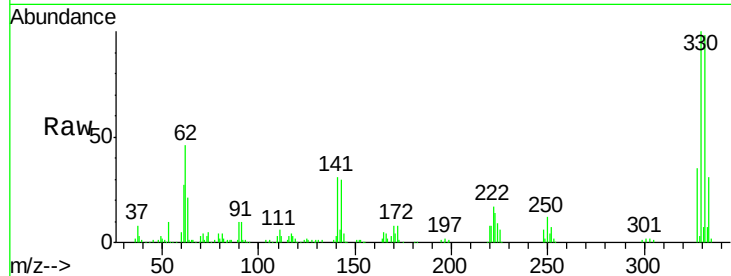




#42
 2,4,6-Tribromophenol
 Concen: 48.120 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.02 min
 Lab File: BF121296.D
 Acq: 14 Aug 2020 20:54

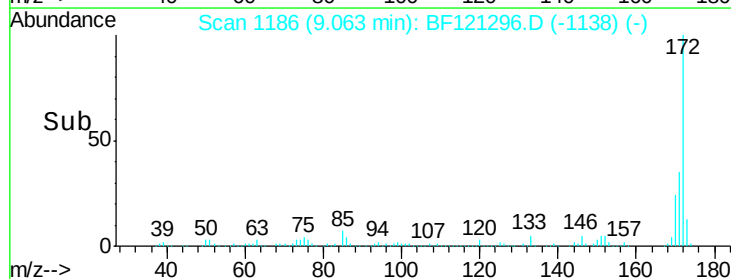
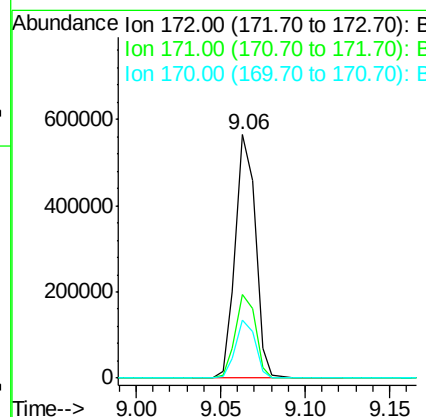
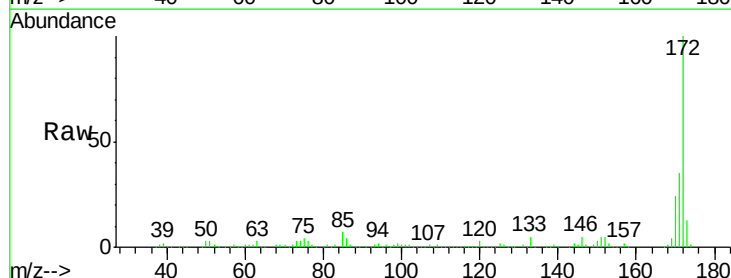
Instrument :
 BNA_F
 ClientSampleId :
 OK-01-081320

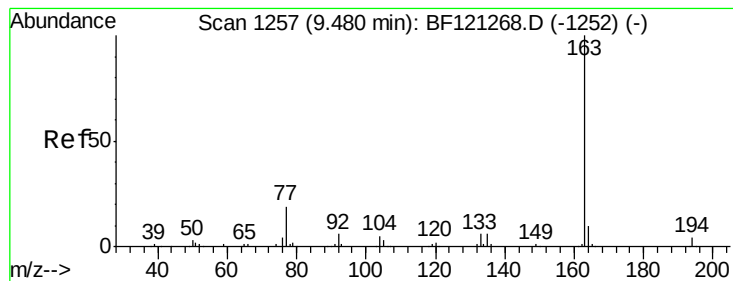
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.4	113.0
141	30.9	23.4	35.2



#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

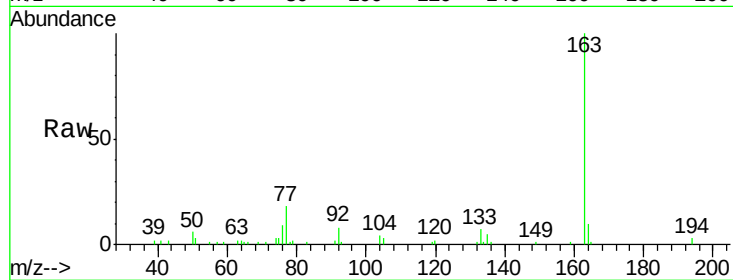
Tot Ion:163 Resp: 35096

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

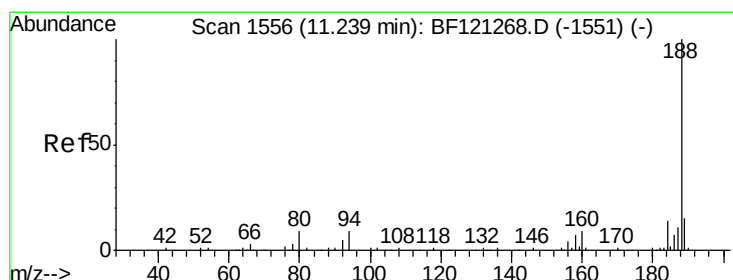
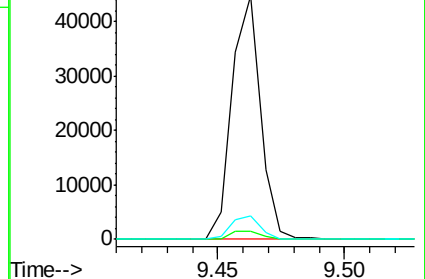
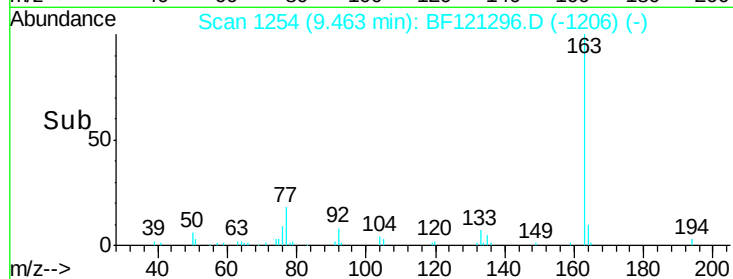
164 9.6 8.1 12.1



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



#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

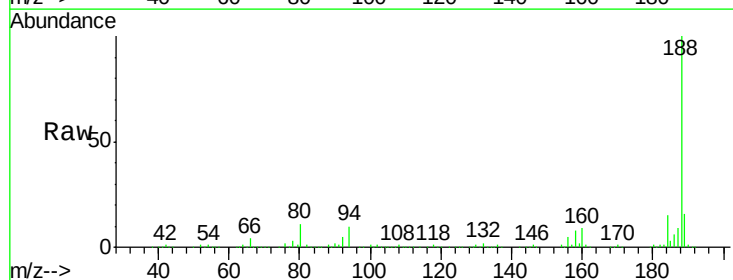
Tgt Ion:188 Resp: 372014

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

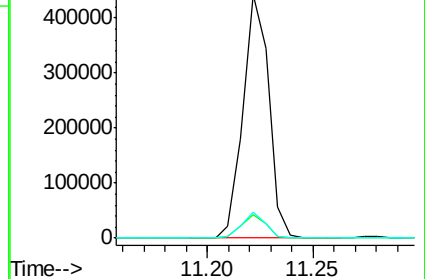
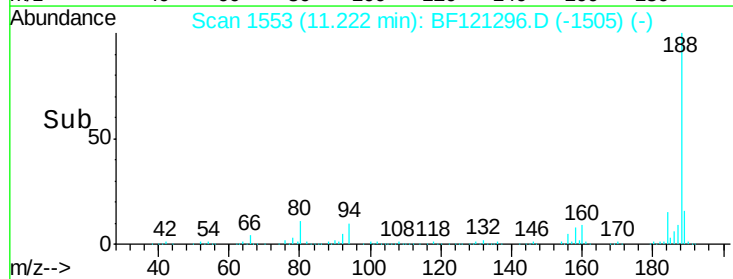
80 10.5 7.4 11.0

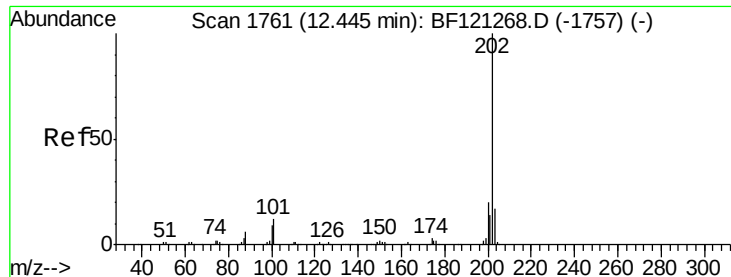


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#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

Instrument :

BNA_F

ClientSampleId :

OK-01-081320

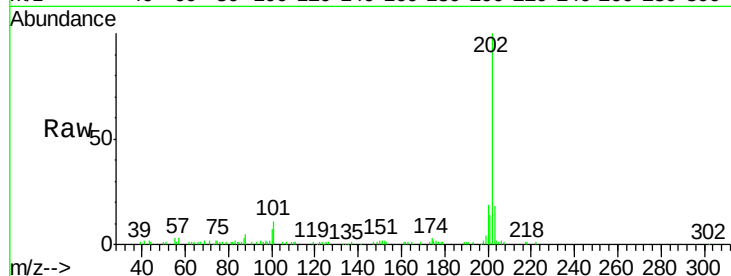
Tot Ion:202 Resp: 55897

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.6

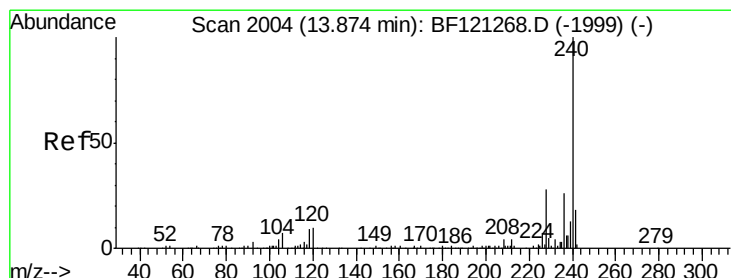
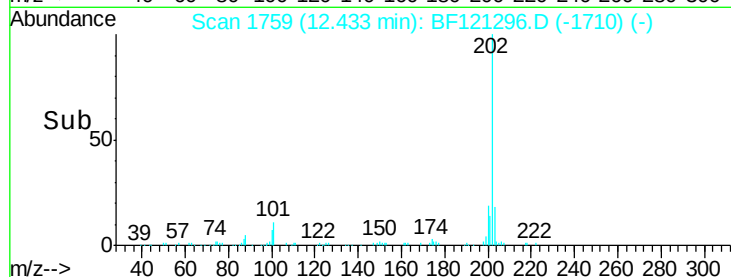
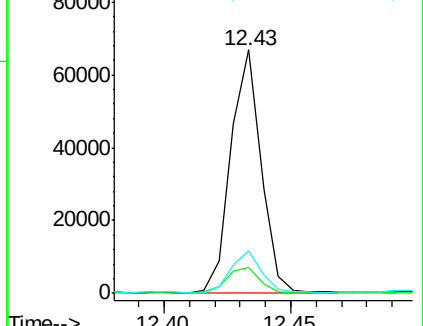
203 17.7 0.0 38.0



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

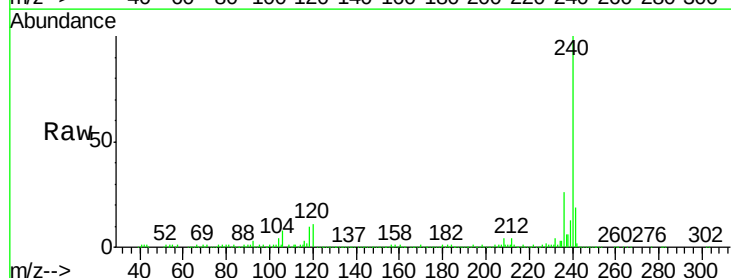
Tgt Ion:240 Resp: 290539

Ion Ratio Lower Upper

240 100

120 11.1 9.2 13.8

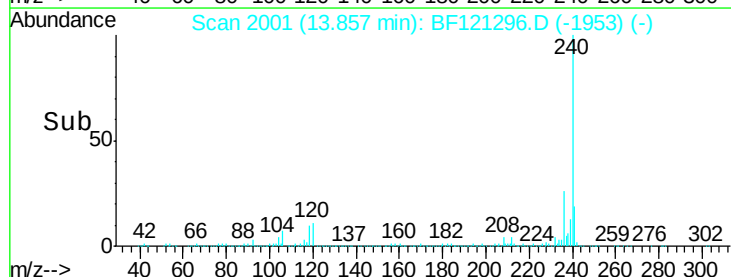
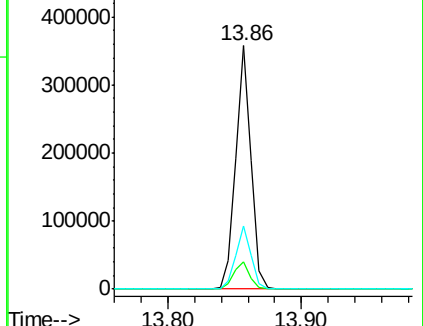
236 25.9 21.0 31.4

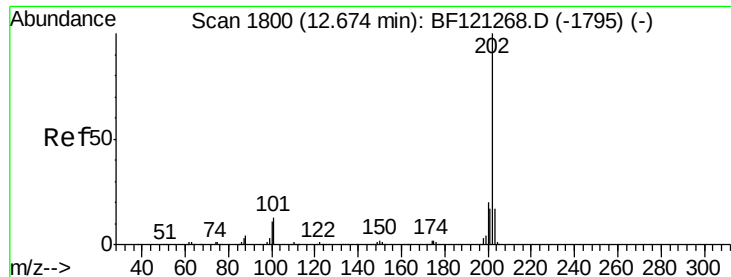


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

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

Instrument :

BNA_F

ClientSampleId :

OK-01-081320

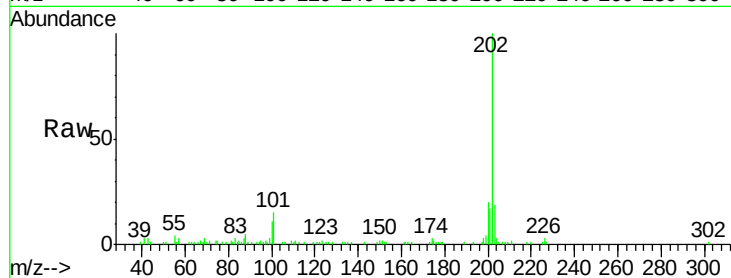
Tot Ion:202 Resp: 55720

Ion Ratio Lower Upper

202 100

200 20.0 16.3 24.5

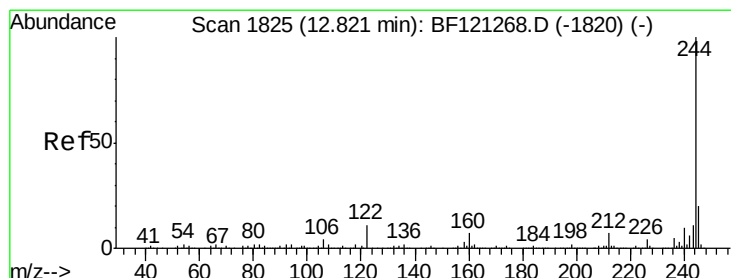
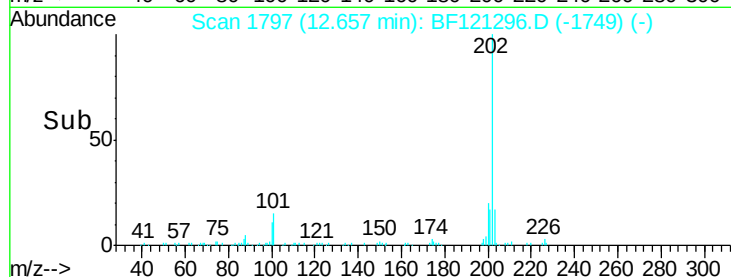
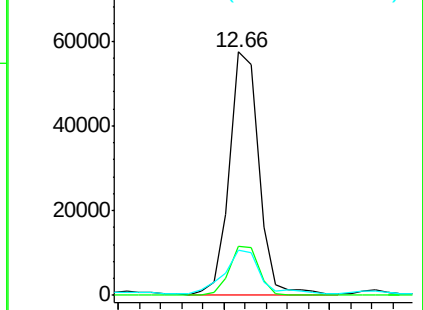
203 18.6 13.8 20.8



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

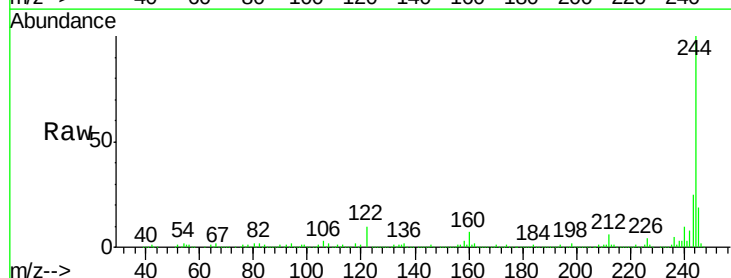
Tgt Ion:244 Resp: 540201

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

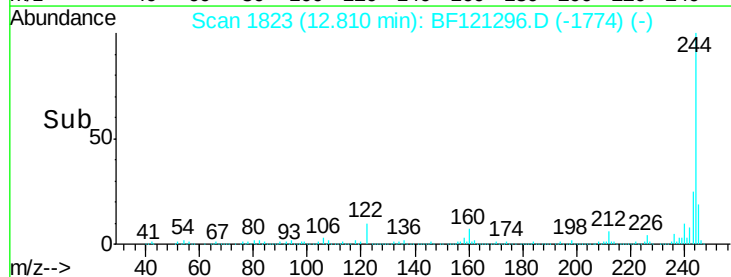
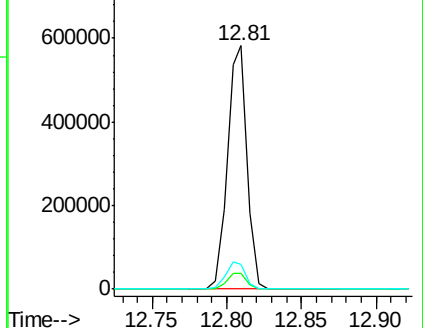
122 10.1 9.1 13.7

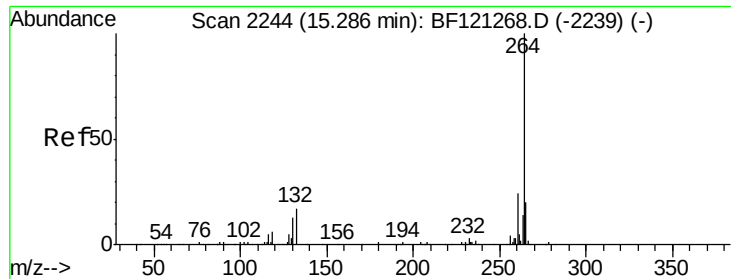


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-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

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-081320

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

