

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088419.D
 Acq On : 26 Jun 2016 15:35
 Operator : UM/SJ
 Sample : H3644-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-2

Quant Time: Jun 27 05:19:54 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

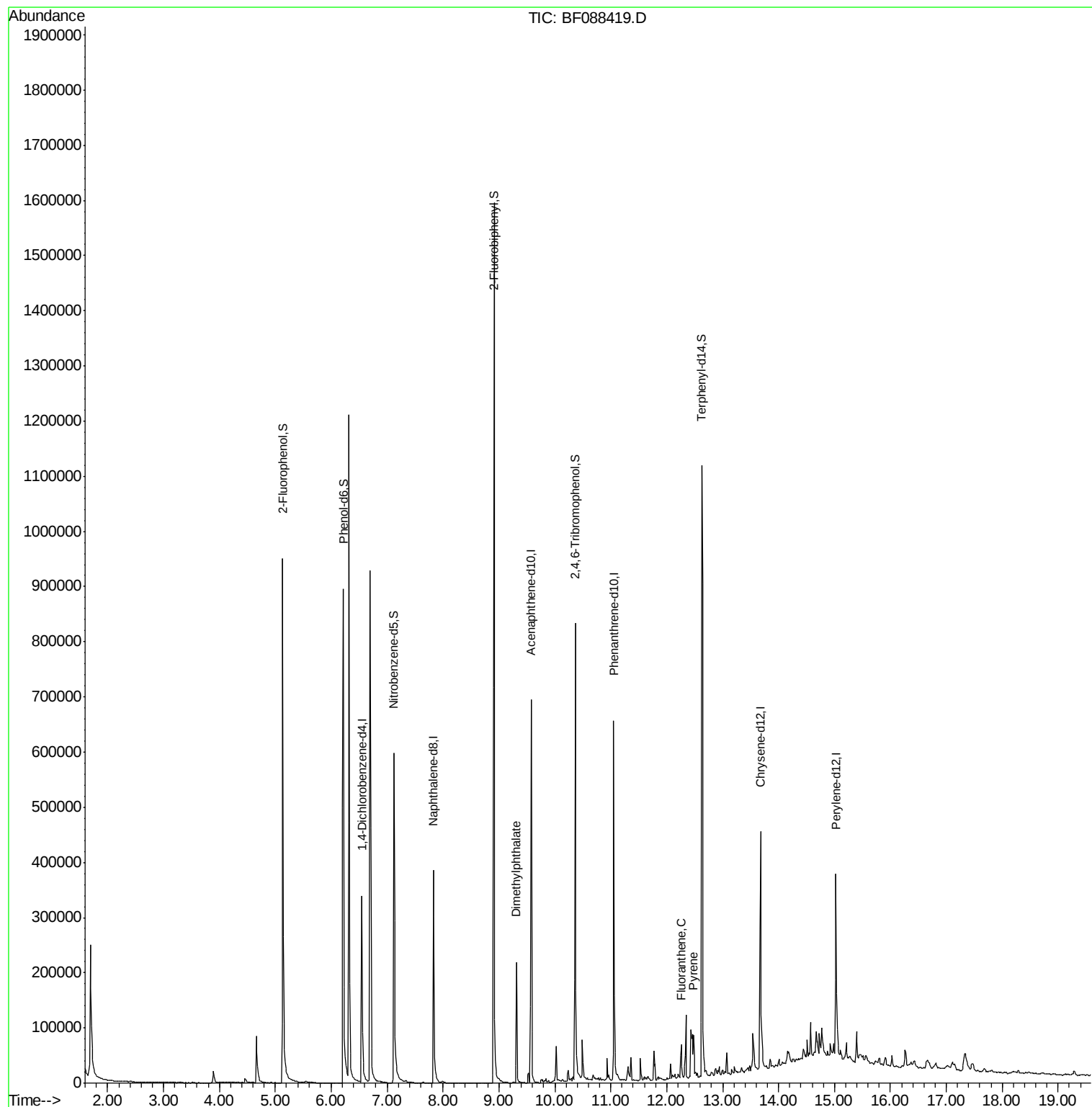
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	72203	20.00	ng	-0.06
21) Naphthalene-d8	7.83	136	301716	20.00	ng	-0.07
38) Acenaphthene-d10	9.58	164	145765	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	273609	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	185722	20.00	ng	-0.07
86) Perylene-d12	15.03	264	158343	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	373607	88.46	ng	-0.05
7) Phenol-d6	6.22	99	516229	100.85	ng	-0.05
23) Nitrobenzene-d5	7.12	82	295807	57.25	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	112266	72.94	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	638630	67.70	ng	-0.06
78) Terphenyl-d14	12.63	244	526636	64.53	ng	-0.07
Target Compounds						Qvalue
49) Dimethylphthalate	9.31	163	99187	9.39	ng	99
74) Fluoranthene	12.26	202	37691	2.49	ng	97
77) Pyrene	12.48	202	38515	2.79	ng	99

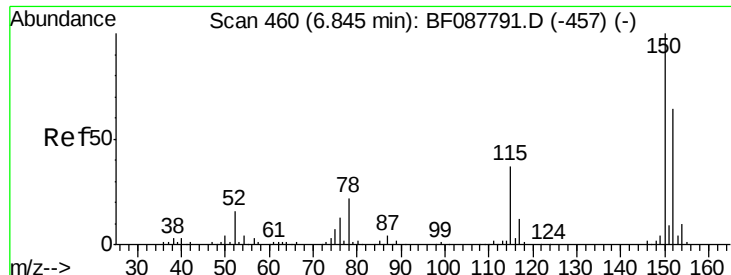
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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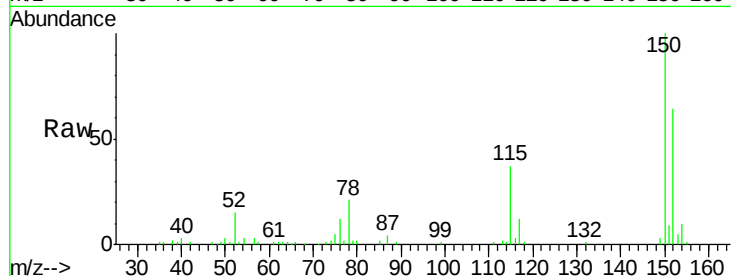


#1

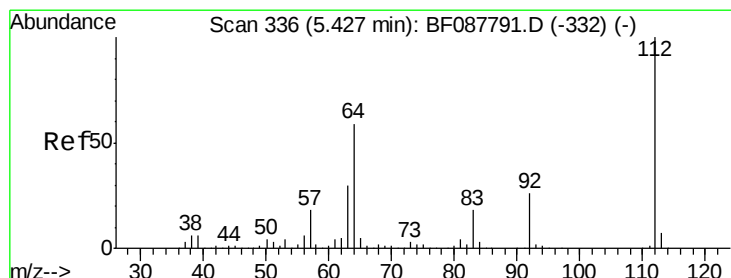
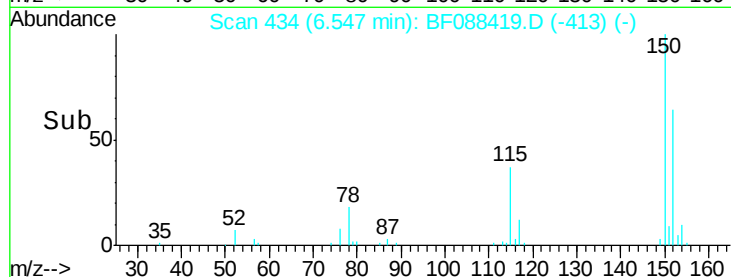
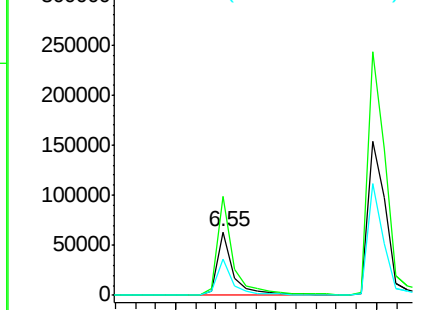
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_F
ClientSampleId :
CF-2

Tot Ion:152 Resp: 72203
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 57.4 39.6 59.4



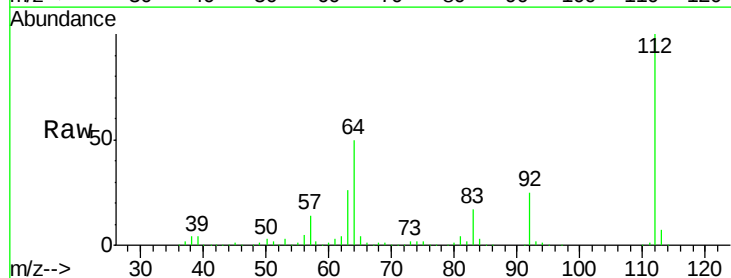
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



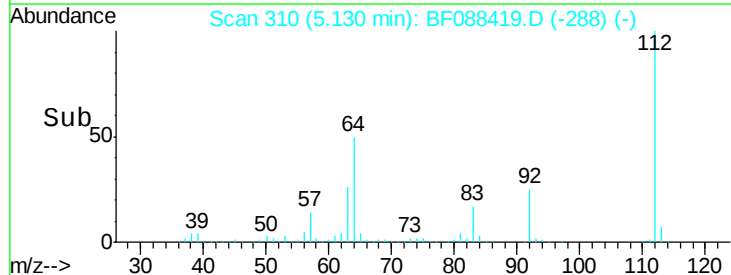
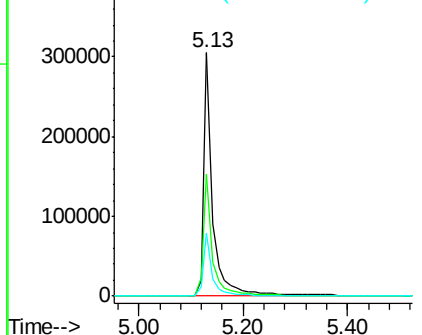
#5

2-Fluorophenol
Concen: 88.46 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.05 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:112 Resp: 373607
Ion Ratio Lower Upper
112 100
64 50.2 42.2 63.2
63 25.9 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.85 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.05 min

Lab File: BF088419.D

Acq: 26 Jun 2016 15:35

Instrument :

BNA_F

ClientSampleId :

CF-2

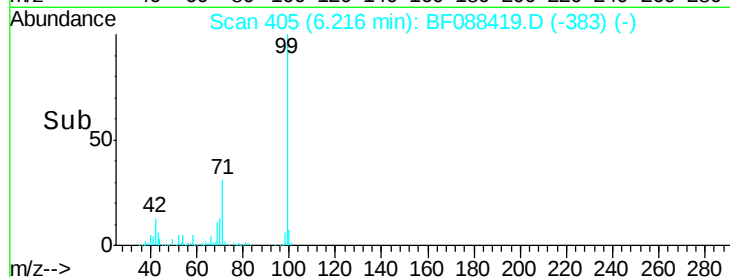
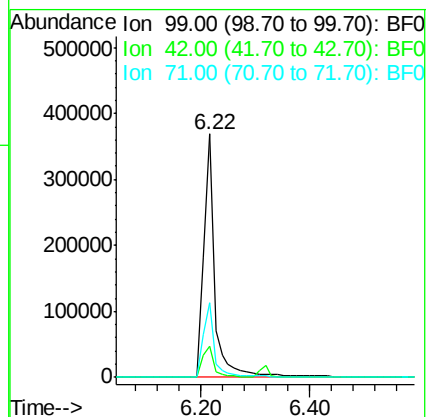
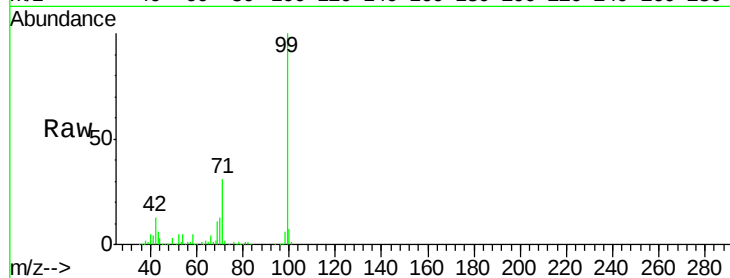
Tot Ion: 99 Resp: 516229

Ion Ratio Lower Upper

99 100

42 12.7 12.2 18.2

71 30.9 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.07 min

Lab File: BF088419.D

Acq: 26 Jun 2016 15:35

Tgt Ion: 136 Resp: 301716

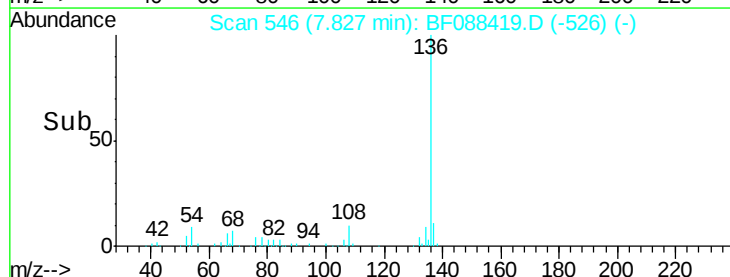
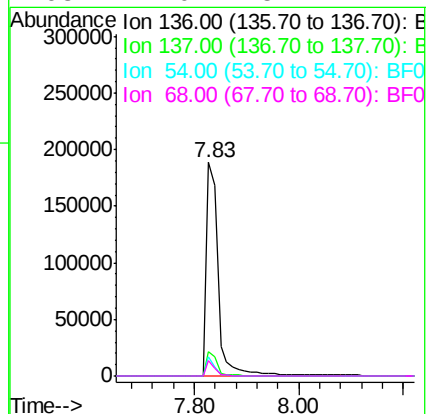
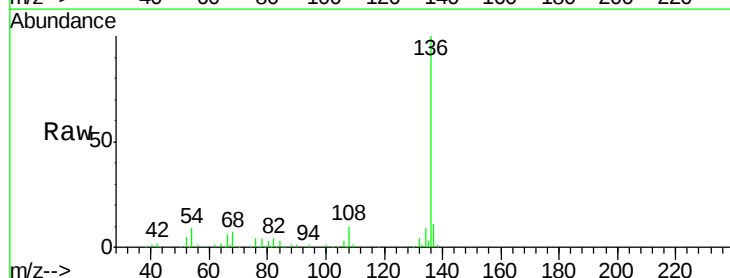
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 8.8 6.6 10.0

68 7.0 5.1 7.7

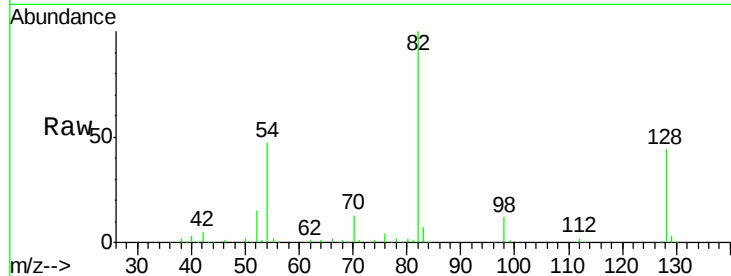




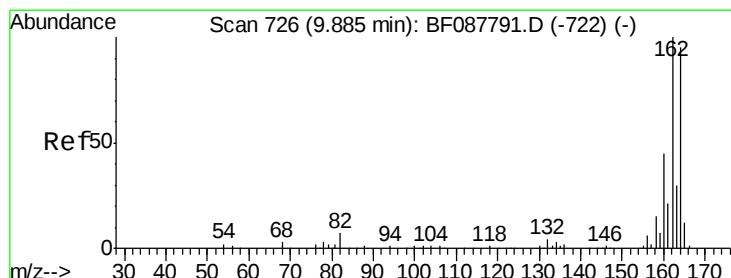
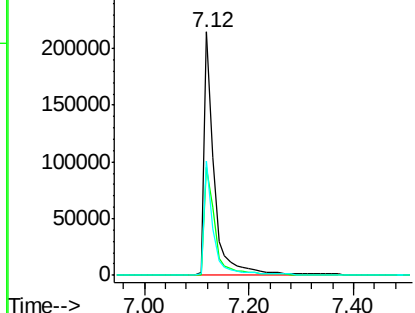
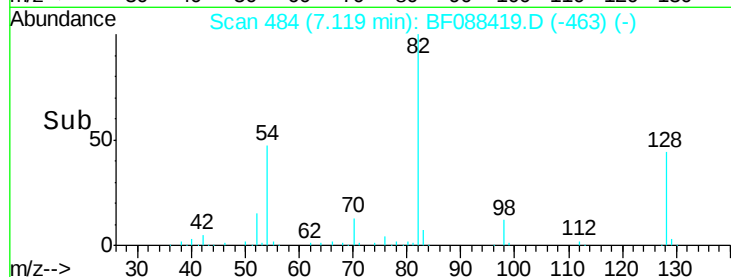
#23
 Nitrobenzene-d5
 Concen: 57.25 ng
 RT: 7.12 min Scan# 484
 Delta R.T. -0.06 min
 Lab File: BF088419.D
 Acq: 26 Jun 2016 15:35

Instrument :
 BNA_F
 ClientSampled :
 CF-2

Tot Ion	82	Resp	295807
Ion Ratio	100	Lower	Upper
128	44.1	35.9	53.9
54	46.9	40.9	61.3

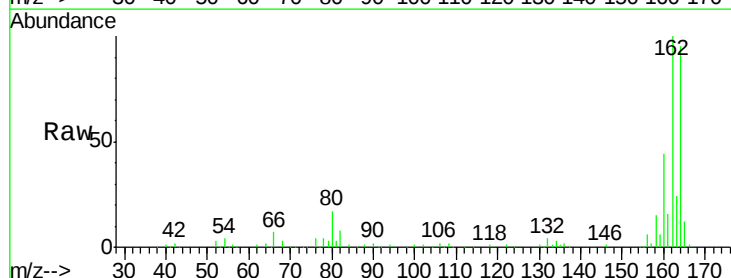


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

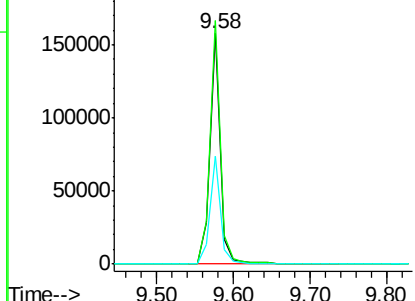
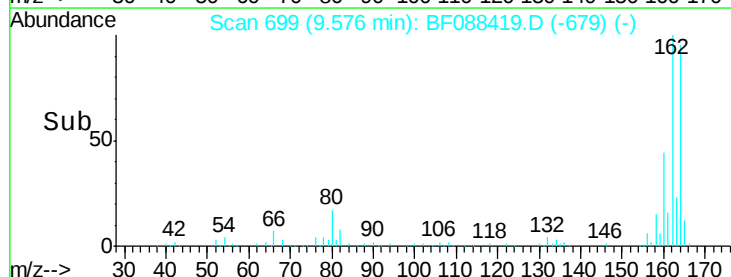


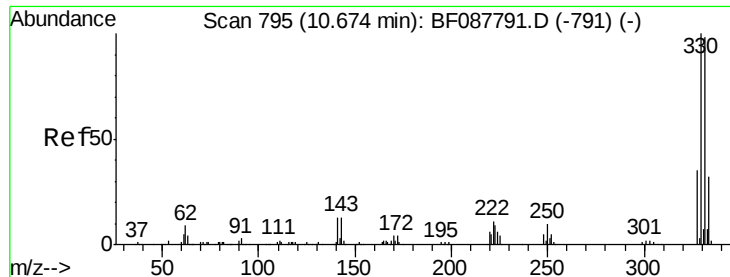
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.07 min
 Lab File: BF088419.D
 Acq: 26 Jun 2016 15:35

Tgt Ion	164	Resp	145765
Ion Ratio	100	Lower	Upper
162	105.6	85.4	128.2
160	46.8	39.5	59.3



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

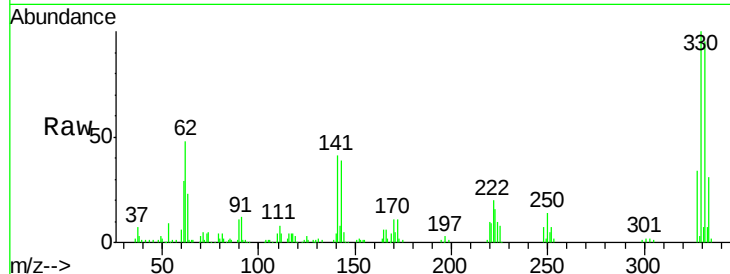




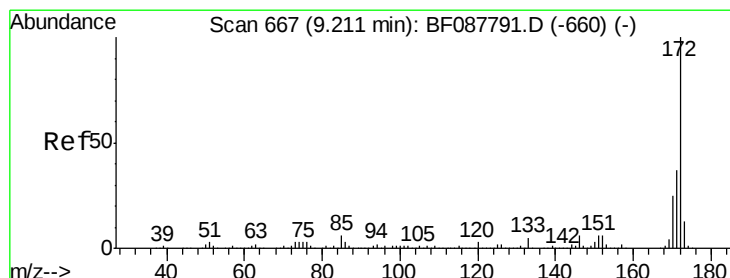
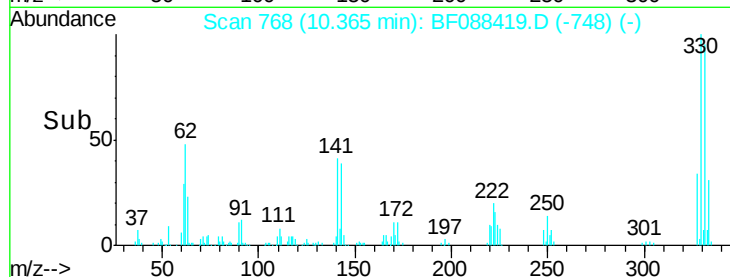
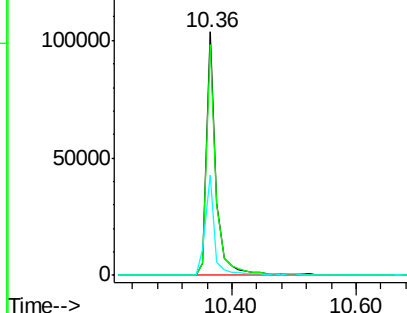
#41
 2,4,6-Tribromophenol
 Concen: 72.94 ng
 RT: 10.36 min Scan# 768
 Delta R.T. -0.07 min
 Lab File: BF088419.D
 Acq: 26 Jun 2016 15:35

Instrument :
 BNA_F
 ClientSampleId :
 CF-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	40.5	0.0	0.0#

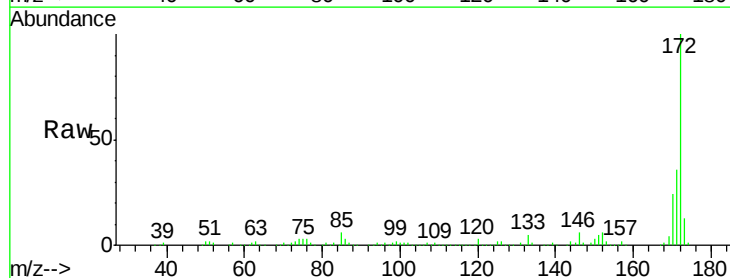


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

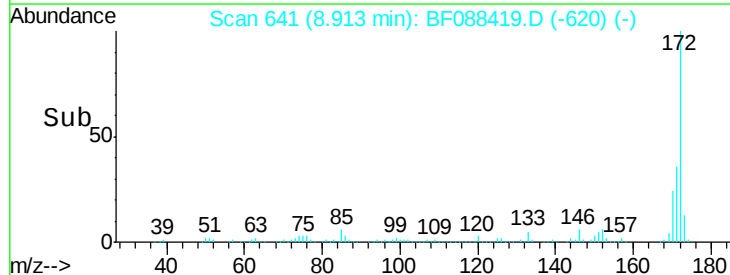
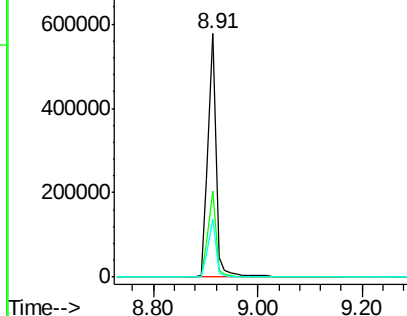


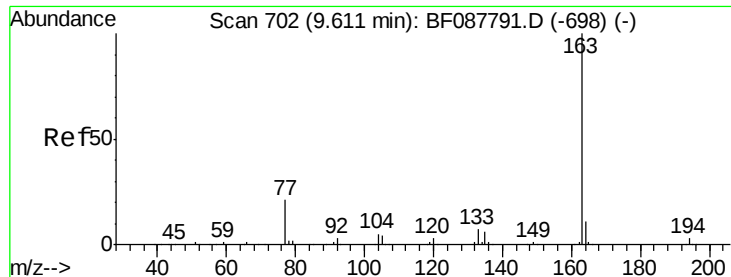
#44
 2-Fluorobiphenyl
 Concen: 67.70 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088419.D
 Acq: 26 Jun 2016 15:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	24.0	19.2	28.8



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





#49

Dimethylphthalate

Concen: 9.39 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.07 min

Lab File: BF088419.D

Acq: 26 Jun 2016 15:35

Instrument :

BNA_F

ClientSampled :

CF-2

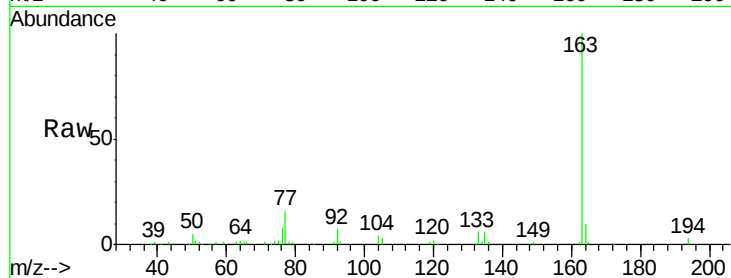
Tot Ion:163 Resp: 99187

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

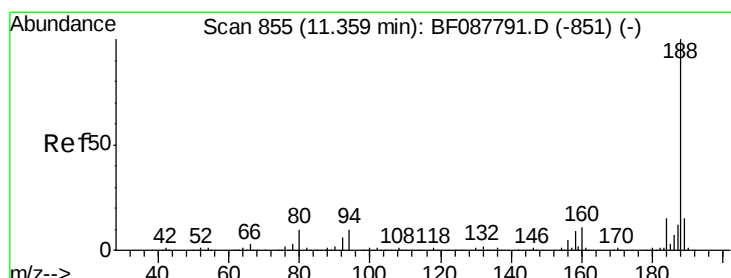
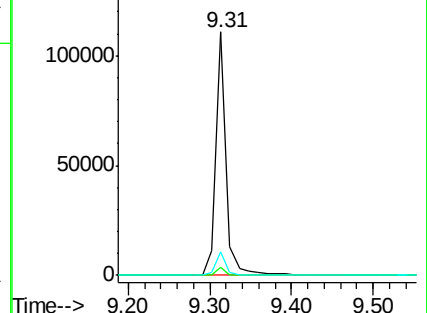
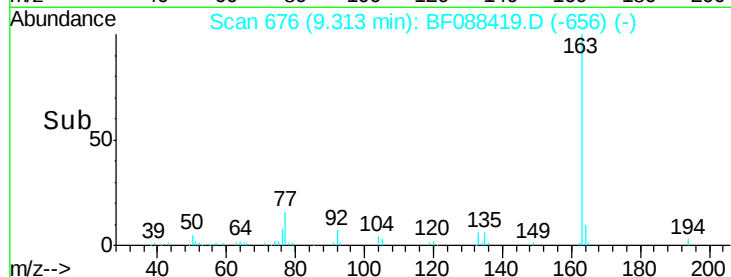
164 9.9 8.3 12.5



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.05 min Scan# 828

Delta R.T. -0.07 min

Lab File: BF088419.D

Acq: 26 Jun 2016 15:35

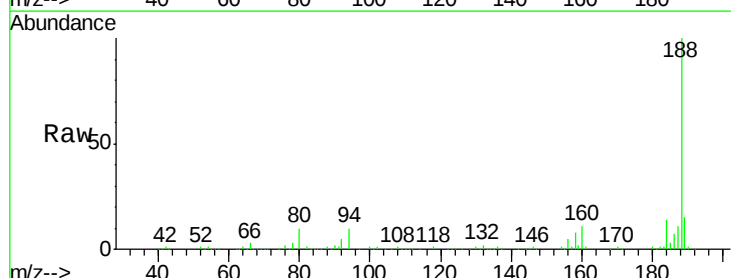
Tgt Ion:188 Resp: 273609

Ion Ratio Lower Upper

188 100

94 9.7 9.0 13.6

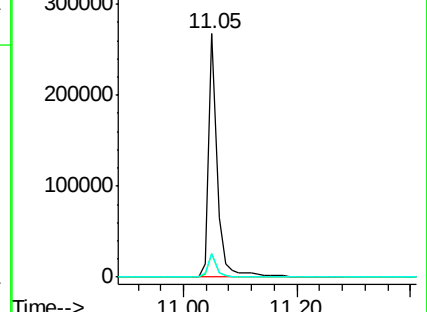
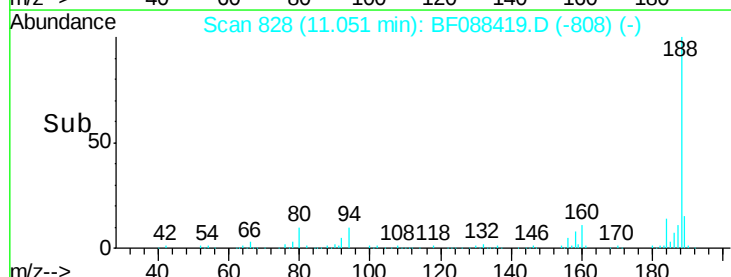
80 9.9 10.0 15.0#

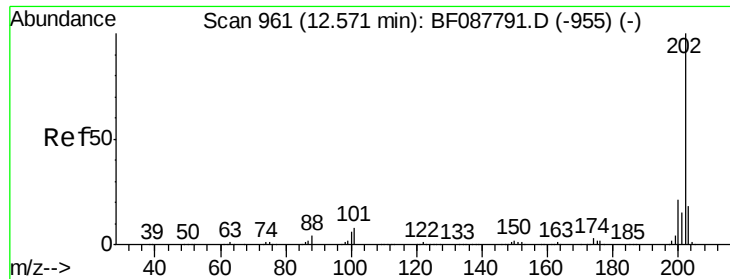


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

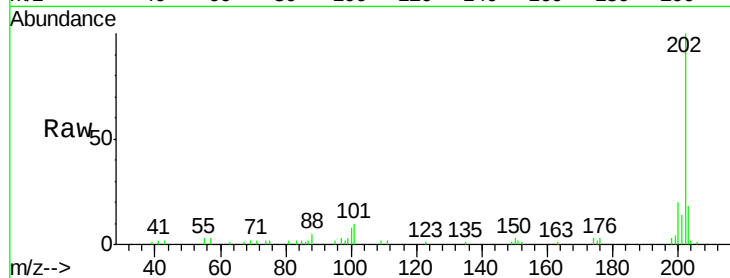




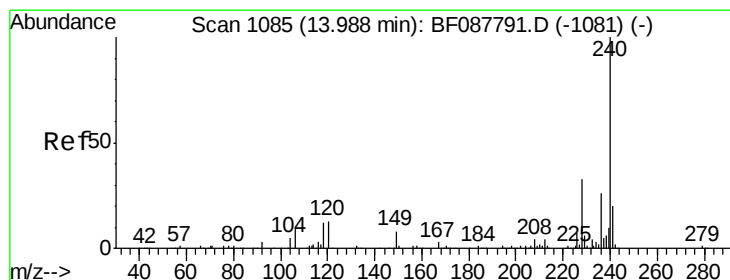
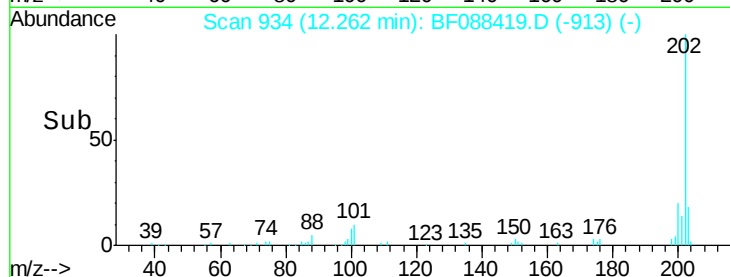
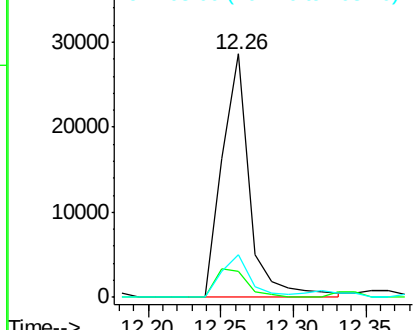
#74
Fluoranthene
Concen: 2.49 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.06 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_F
ClientSampleId :
CF-2

Tot Ion:202 Resp: 37691
Ion Ratio Lower Upper
202 100
101 10.5 0.0 33.1
203 17.6 0.0 38.1

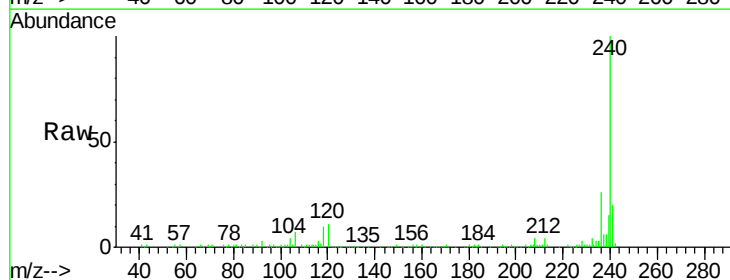


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

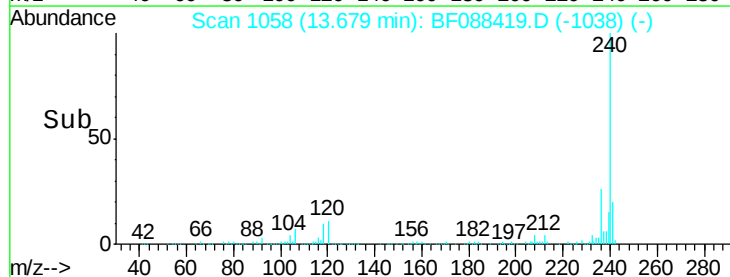
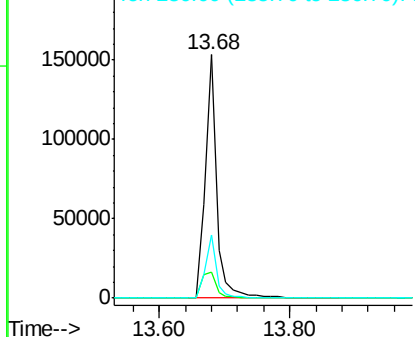


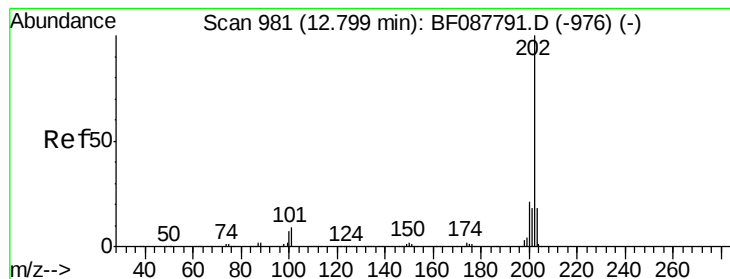
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.68 min Scan# 1058
Delta R.T. -0.07 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Tgt Ion:240 Resp: 185722
Ion Ratio Lower Upper
240 100
120 10.8 6.8 10.2#
236 25.7 20.2 30.2



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





#77

Pvrene

Concen: 2.79 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.07 min

Lab File: BF088419.D

Acq: 26 Jun 2016 15:35

Instrument :

BNA_F

ClientSampleId :

CF-2

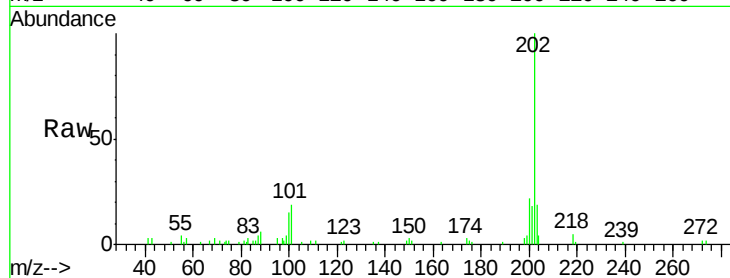
Tot Ion:202 Resp: 38515

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

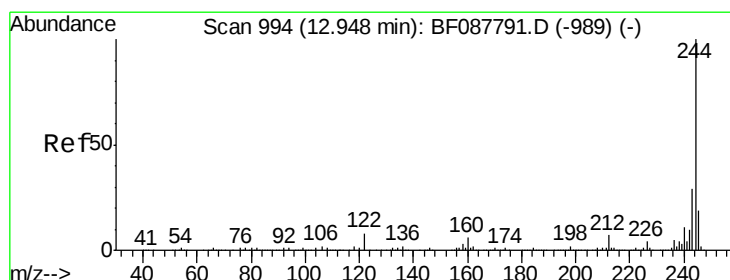
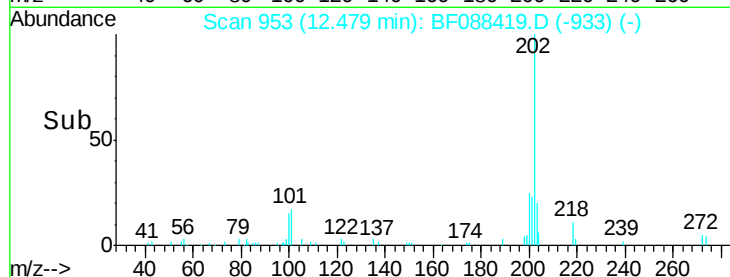
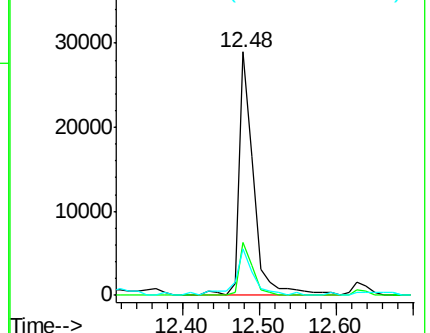
203 19.3 14.5 21.7



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



#78

Terphenyl-d14

Concen: 64.53 ng

RT: 12.63 min Scan# 966

Delta R.T. -0.07 min

Lab File: BF088419.D

Acq: 26 Jun 2016 15:35

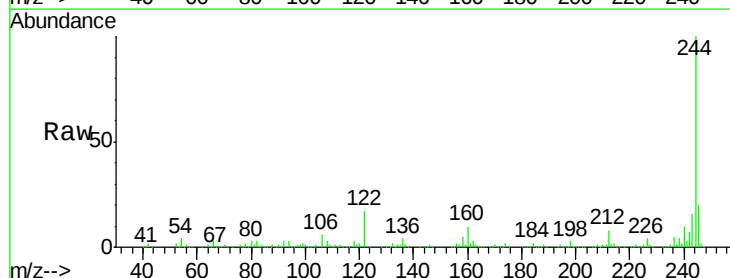
Tgt Ion:244 Resp: 526636

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

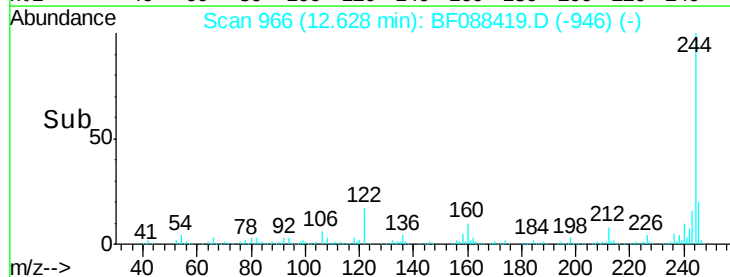
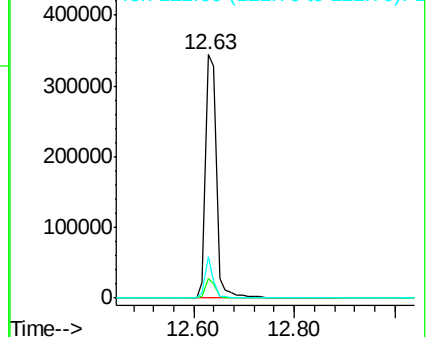
122 16.7 11.2 16.8

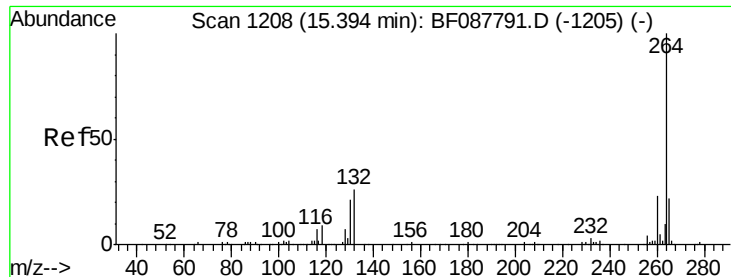


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

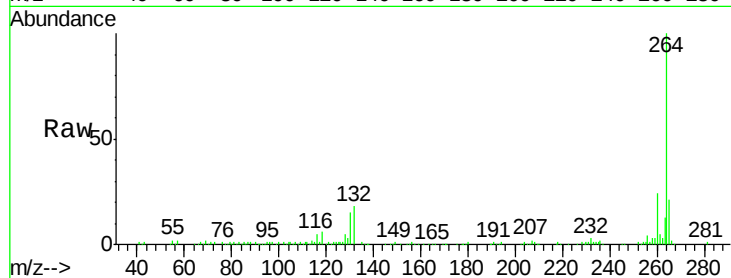




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088419.D
Acq: 26 Jun 2016 15:35

Instrument :
BNA_F
ClientSampleId :
CF-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	16.9	25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

