

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098047.D
 Acq On : 25 Aug 2017 23:07
 Operator : SJ/JU
 Sample : I4955-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-B

Quant Time: Aug 26 00:33:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

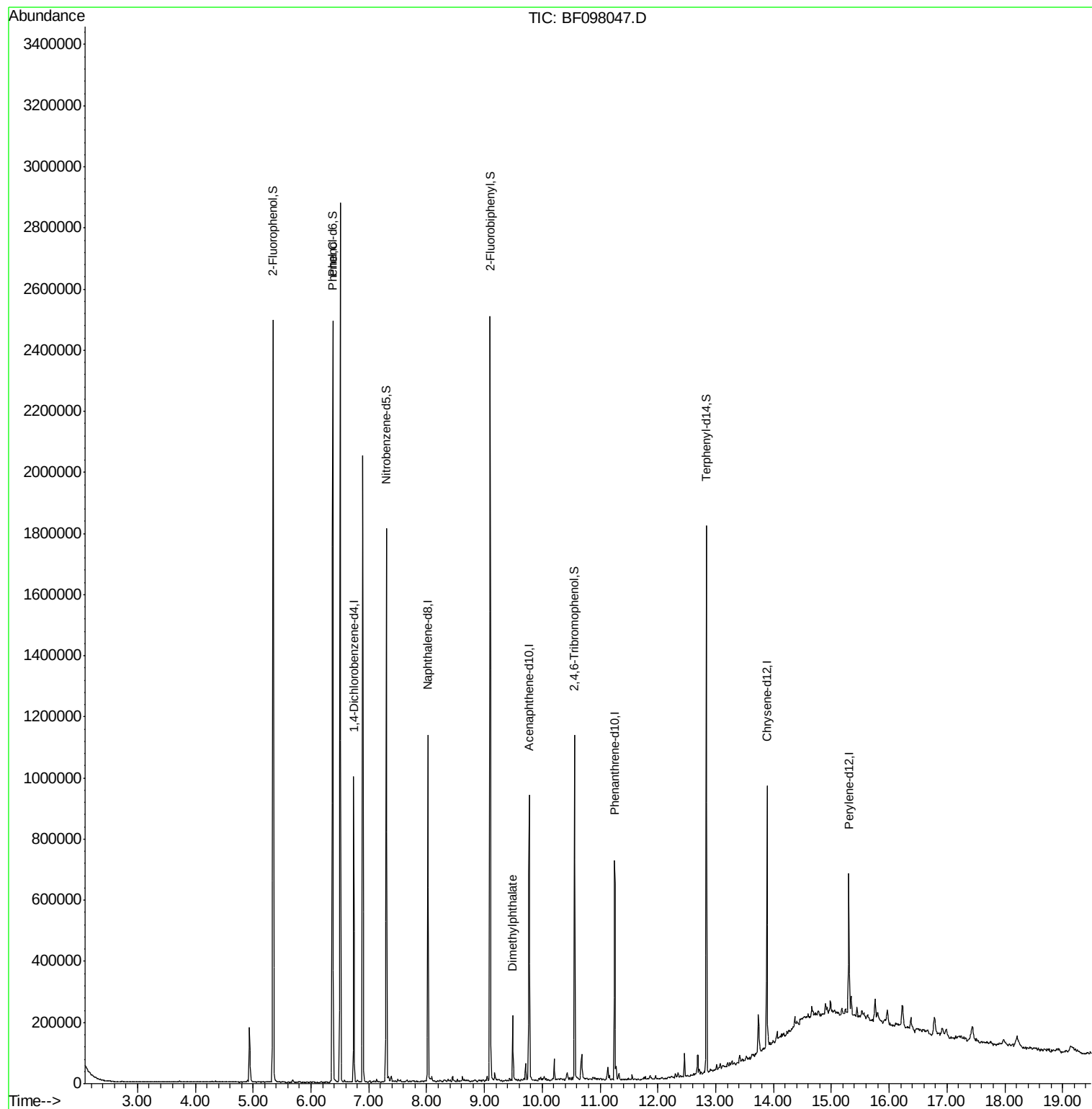
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	124702	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	453443	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	163055	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	254567	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	264629	20.00	ng	-0.01
86) Perylene-d12	15.30	264	210453	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	789355	96.28	ng	0.00
7) Phenol-d6	6.37	99	1086565	97.54	ng	-0.01
23) Nitrobenzene-d5	7.30	82	608408	72.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	109647	77.50	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	713024	64.25	ng	-0.01
78) Terphenyl-d14	12.84	244	500082	39.41	ng	-0.01
Target Compounds						
10) Phenol	6.39	94	27956	2.146	ng	97
49) Dimethylphthalate	9.49	163	71258	5.979	ng	99

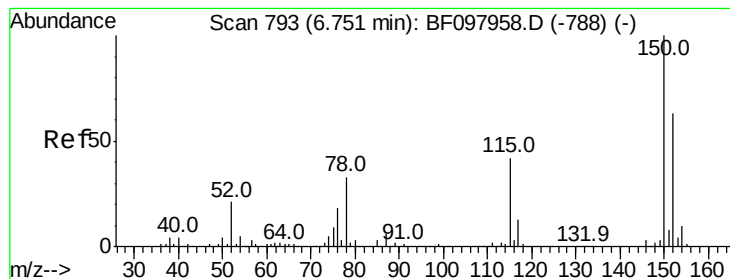
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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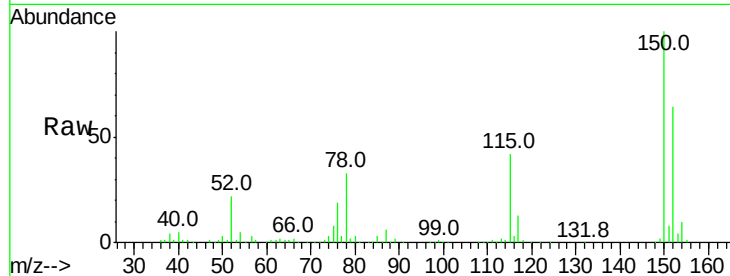


#1

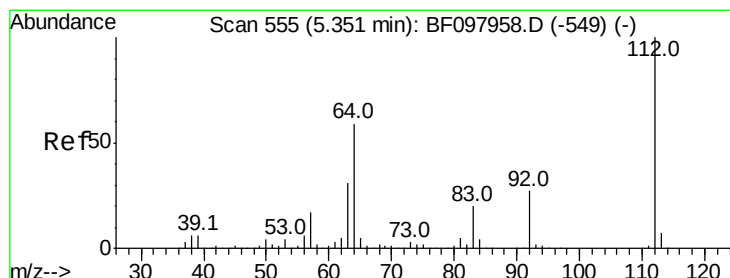
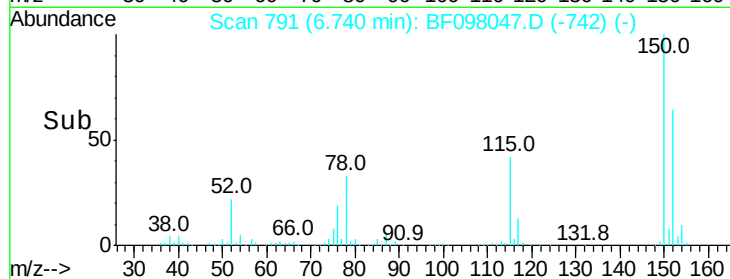
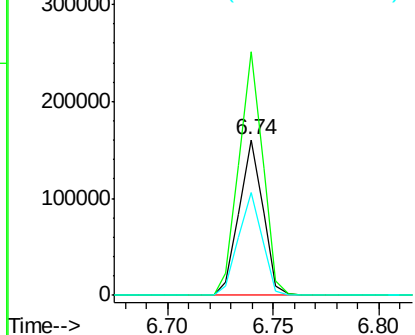
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	66.0	52.2	78.2



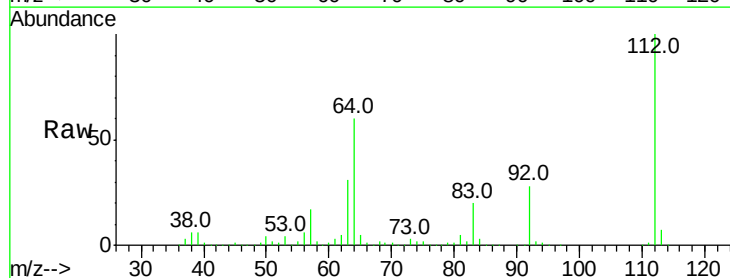
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



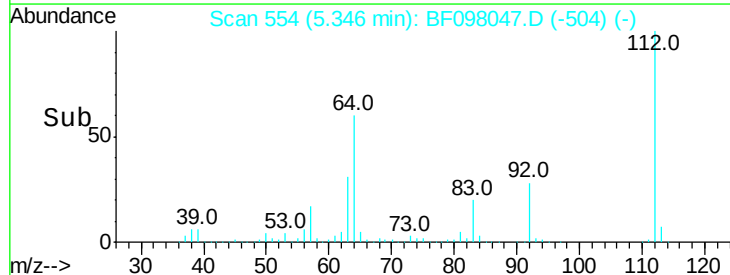
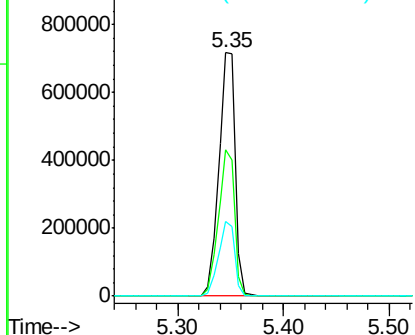
#5

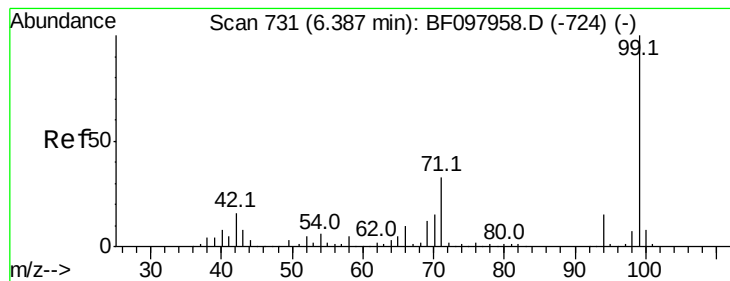
2-Fluorophenol
Concen: 96.283 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.0	69.0
63	30.5	23.4	35.0



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: 97.545 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098047.D

Acq: 25 Aug 2017 23:07

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-002-B

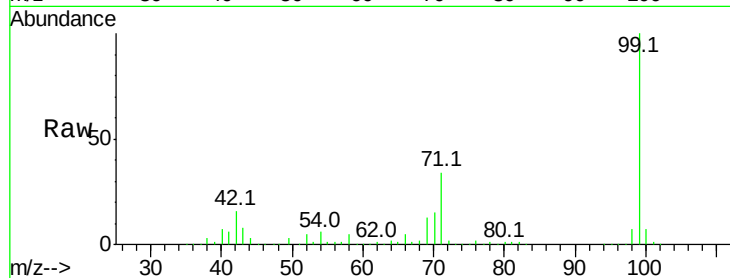
Tot Ion: 99 Resp: 1086565

Ion Ratio Lower Upper

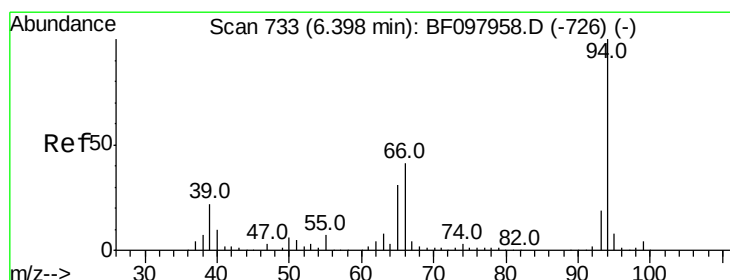
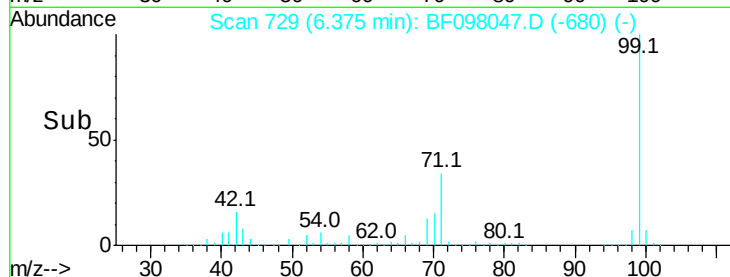
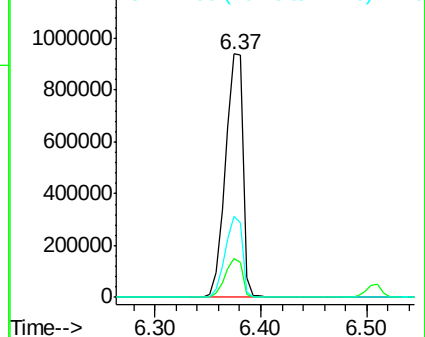
99 100

42 15.7 13.5 20.3

71 33.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.146 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098047.D

Acq: 25 Aug 2017 23:07

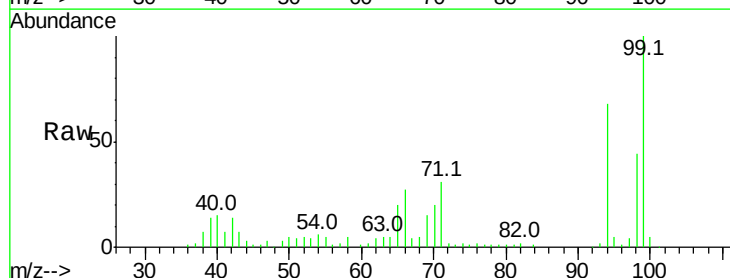
Tgt Ion: 94 Resp: 27956

Ion Ratio Lower Upper

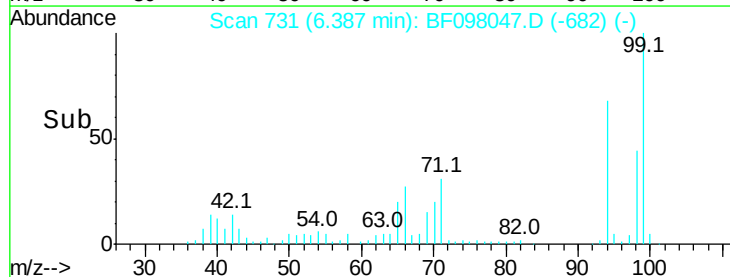
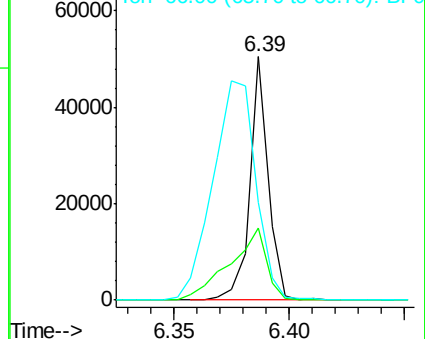
94 100

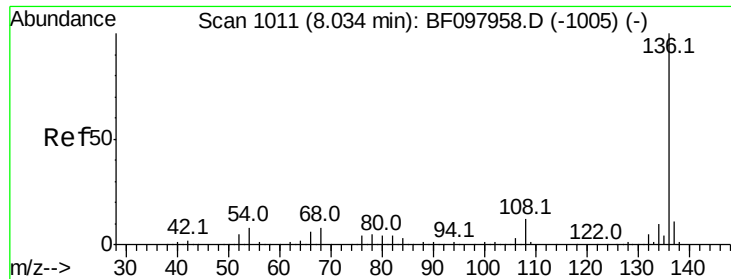
65 29.5 9.9 49.9

66 40.1 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

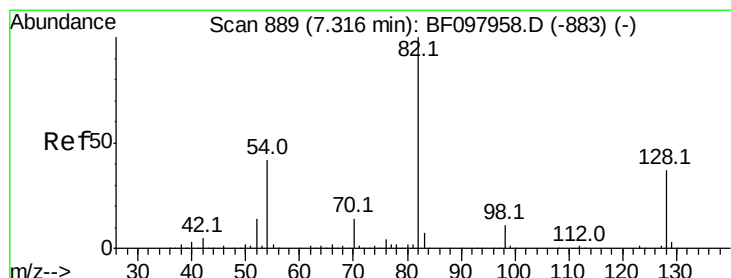
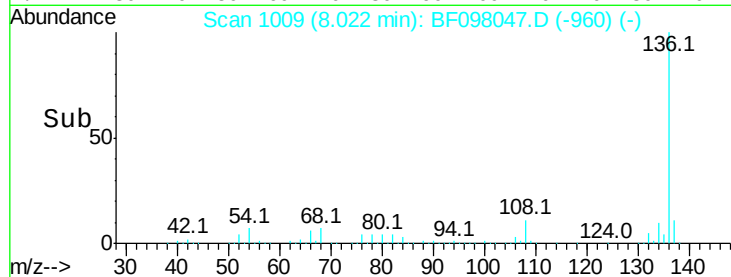
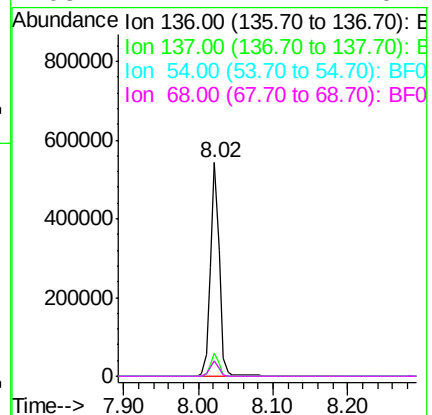
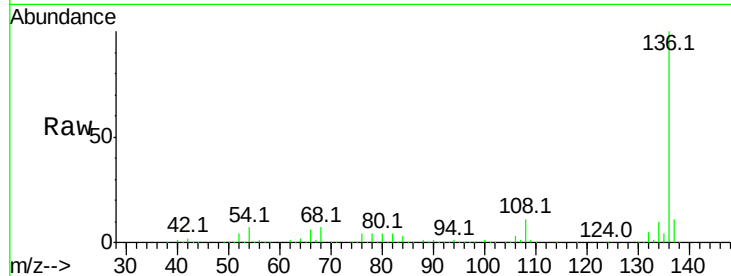




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

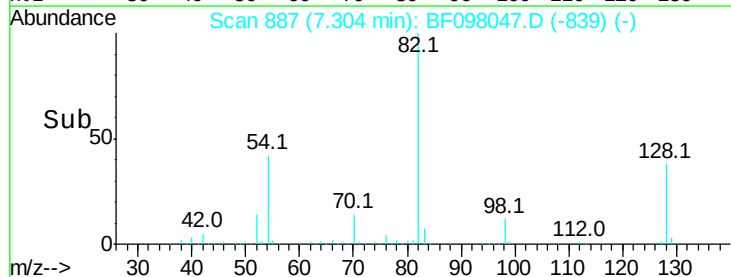
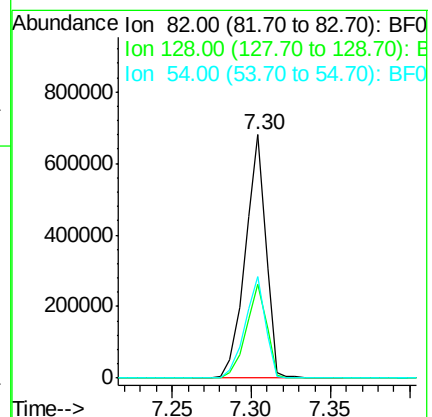
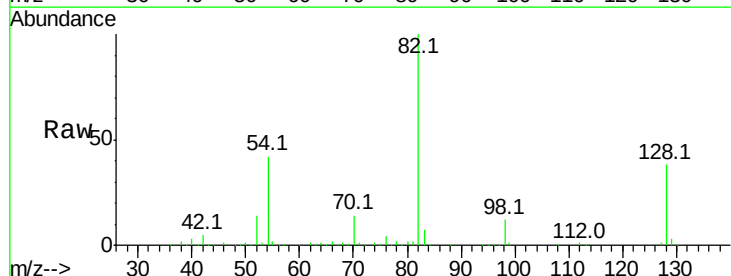
Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

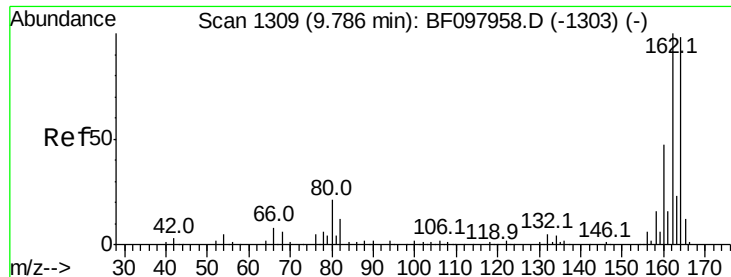
Tot Ion:	136	Resp:	453443
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	7.5	4.9	7.3#
68	7.1	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 72.890 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

Tgt Ion:	82	Resp:	608408
Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.0	51.0
54	42.0	42.2	63.2#

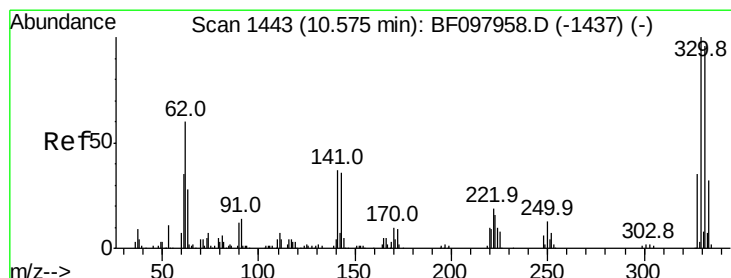
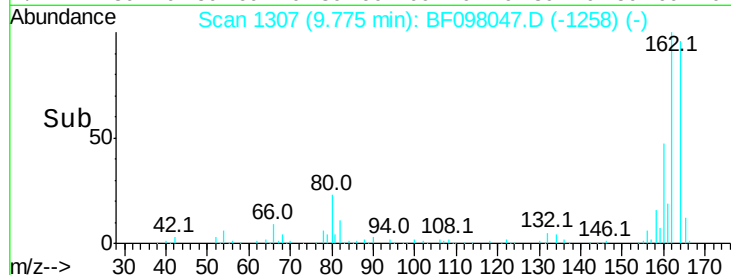
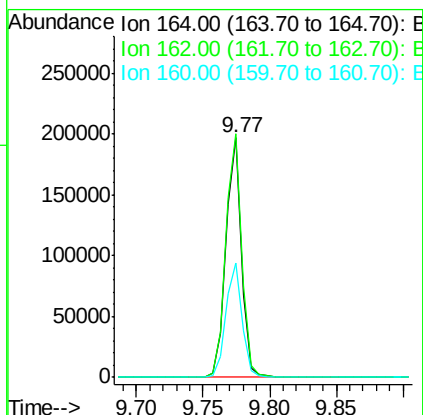
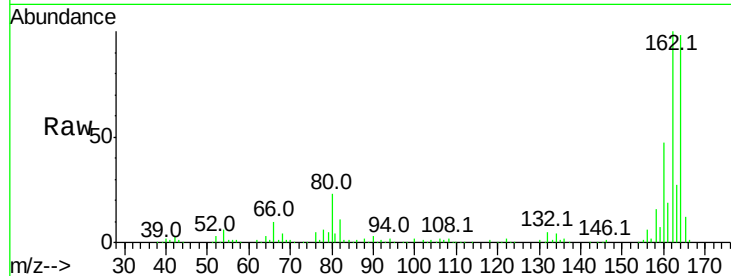




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098047.D
 Acq: 25 Aug 2017 23:07

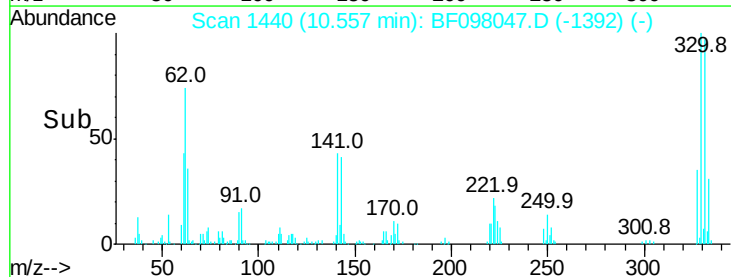
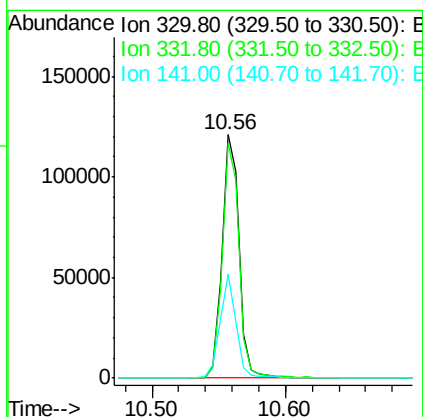
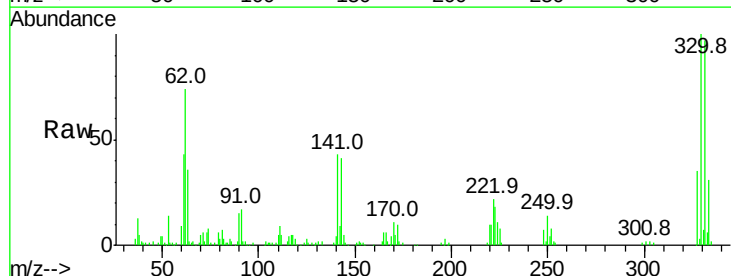
Instrument :
 BNA_F
 ClientSampled :
 FK-SF-03-002-B

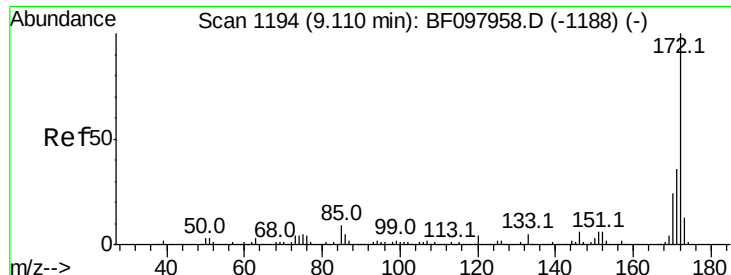
Tot Ion:164 Resp: 163055
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 47.9 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 77.502 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098047.D
 Acq: 25 Aug 2017 23:07

Tgt Ion:330 Resp: 109647
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 40.5 31.4 47.2

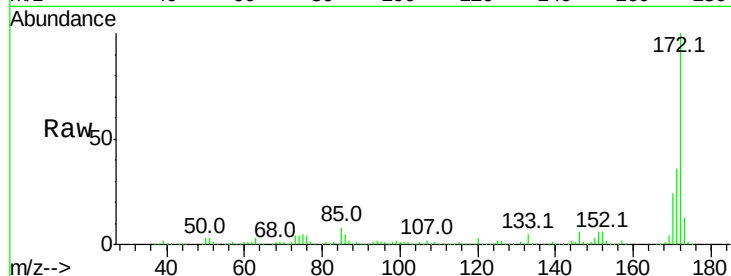




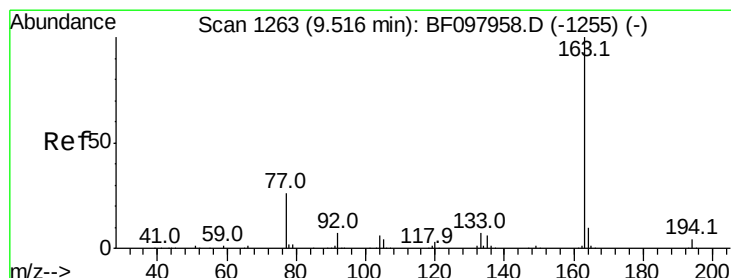
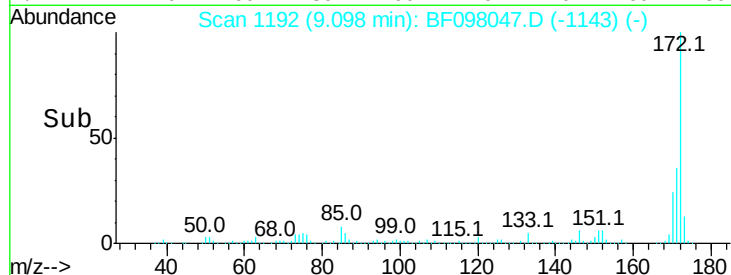
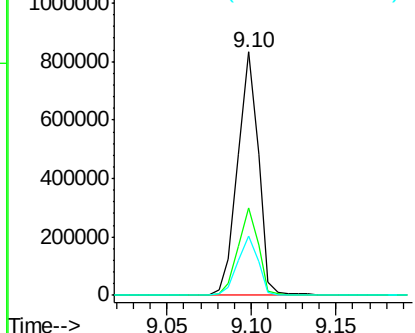
#44
2-Fluorobiphenyl
Concen: 64.247 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

Instrument :
BNA_F
ClientSampleId :
FK-SF-03-002-B

Tot Ion:172 Resp: 713024
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 24.2 19.8 29.8

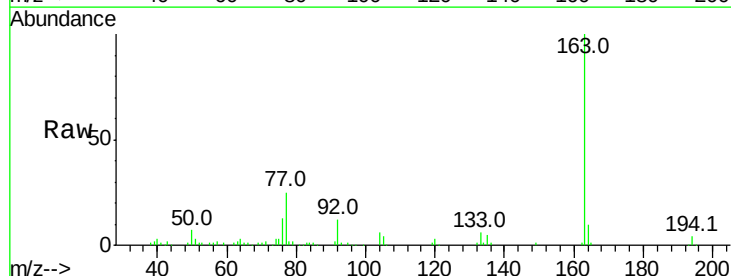


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

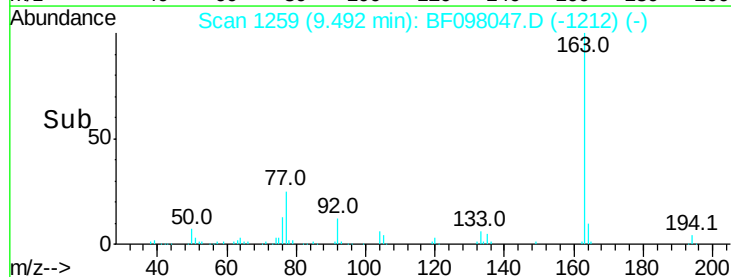
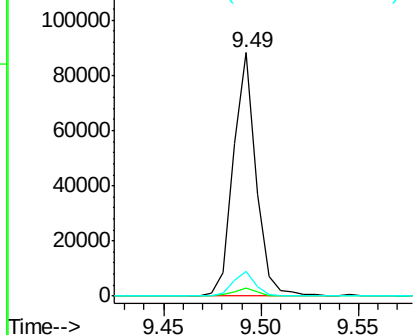


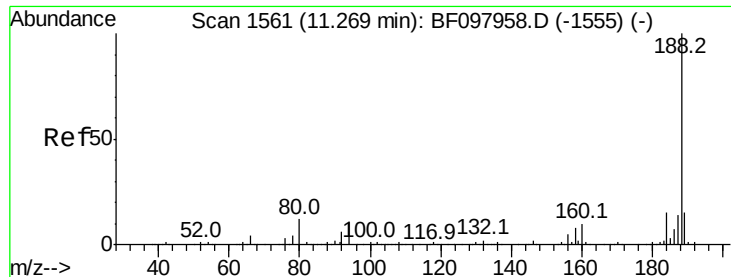
#49
Dimethylphthalate
Concen: 5.979 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098047.D
Acq: 25 Aug 2017 23:07

Tgt Ion:163 Resp: 71258
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.0 8.4 12.6



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: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF098047.D

Acq: 25 Aug 2017 23:07

Instrument :

BNA_F

ClientSampleId :

FK-SF-03-002-B

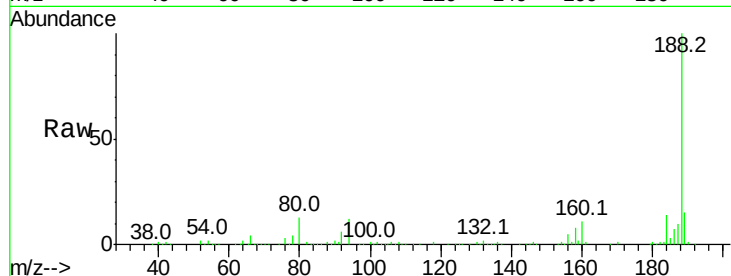
Tot Ion:188 Resp: 254567

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

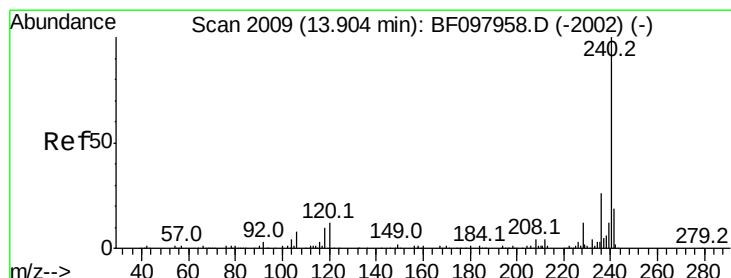
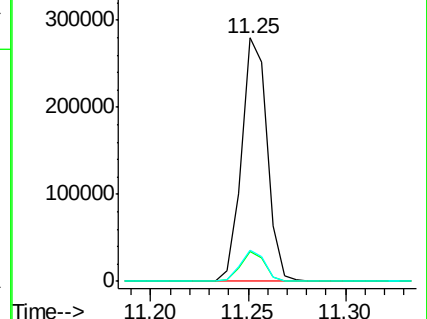
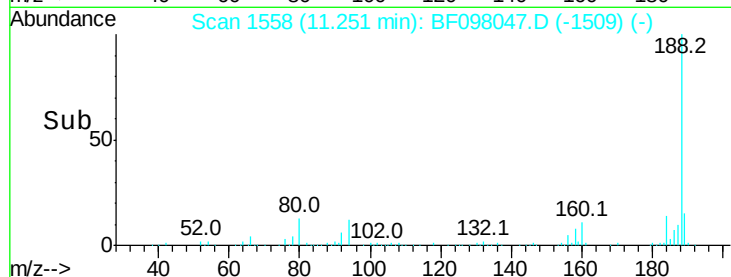
80 13.0 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098047.D

Acq: 25 Aug 2017 23:07

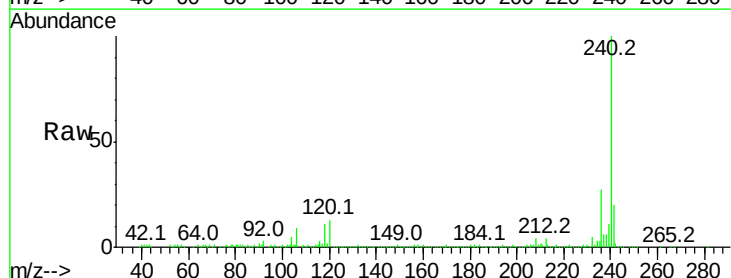
Tgt Ion:240 Resp: 264629

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

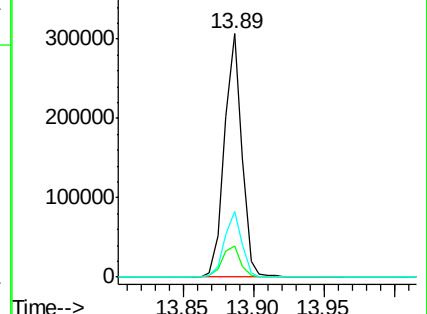
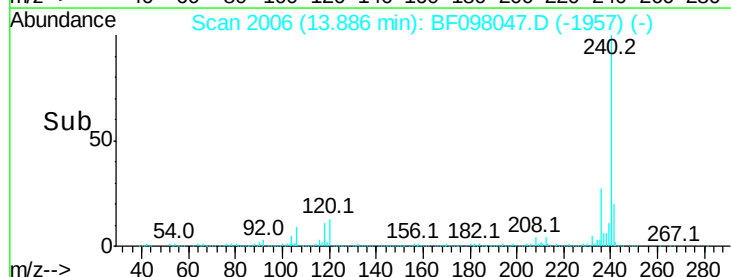
236 27.1 20.5 30.7

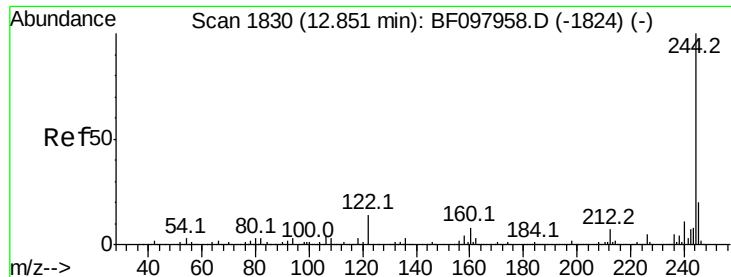


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

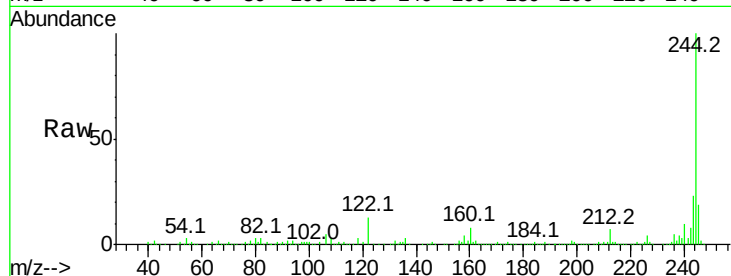




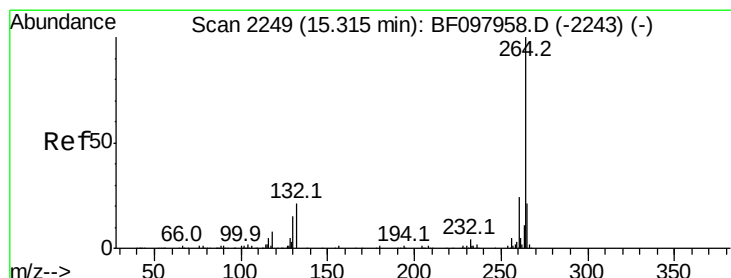
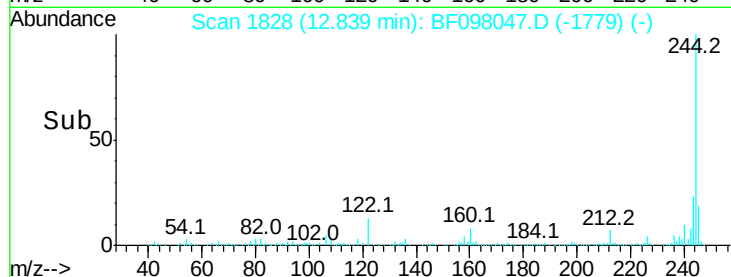
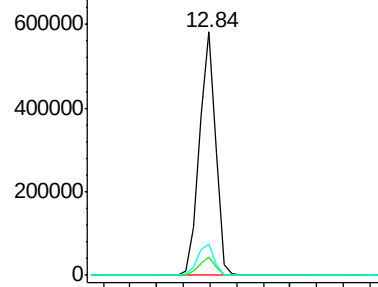
#78
 Terphenyl-d14
 Concen: 39.408 ng
 RT: 12.84 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF098047.D
 Acq: 25 Aug 2017 23:07

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-03-002-B

Tot Ion:244 Resp: 500082
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.9 10.3 15.5

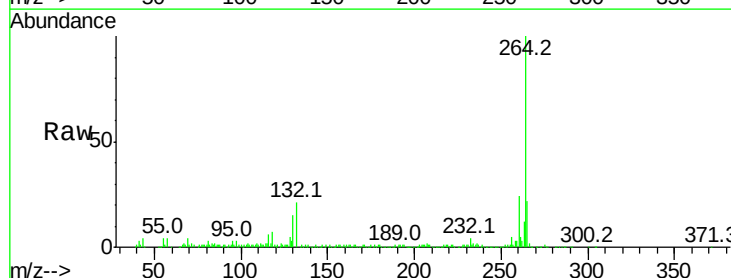


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. -0.01 min
 Lab File: BF098047.D
 Acq: 25 Aug 2017 23:07

Tgt Ion:264 Resp: 210453
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 22.0 17.2 25.8



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

