Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\

Quantitation Report (Not Reviewed)

Data File : BF093218.D
Acq On : 27 Feb 2017 21:35
Operator : SJ/MA
Sample : I2013-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CR-2

Quant Time: Feb 27 23:53:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

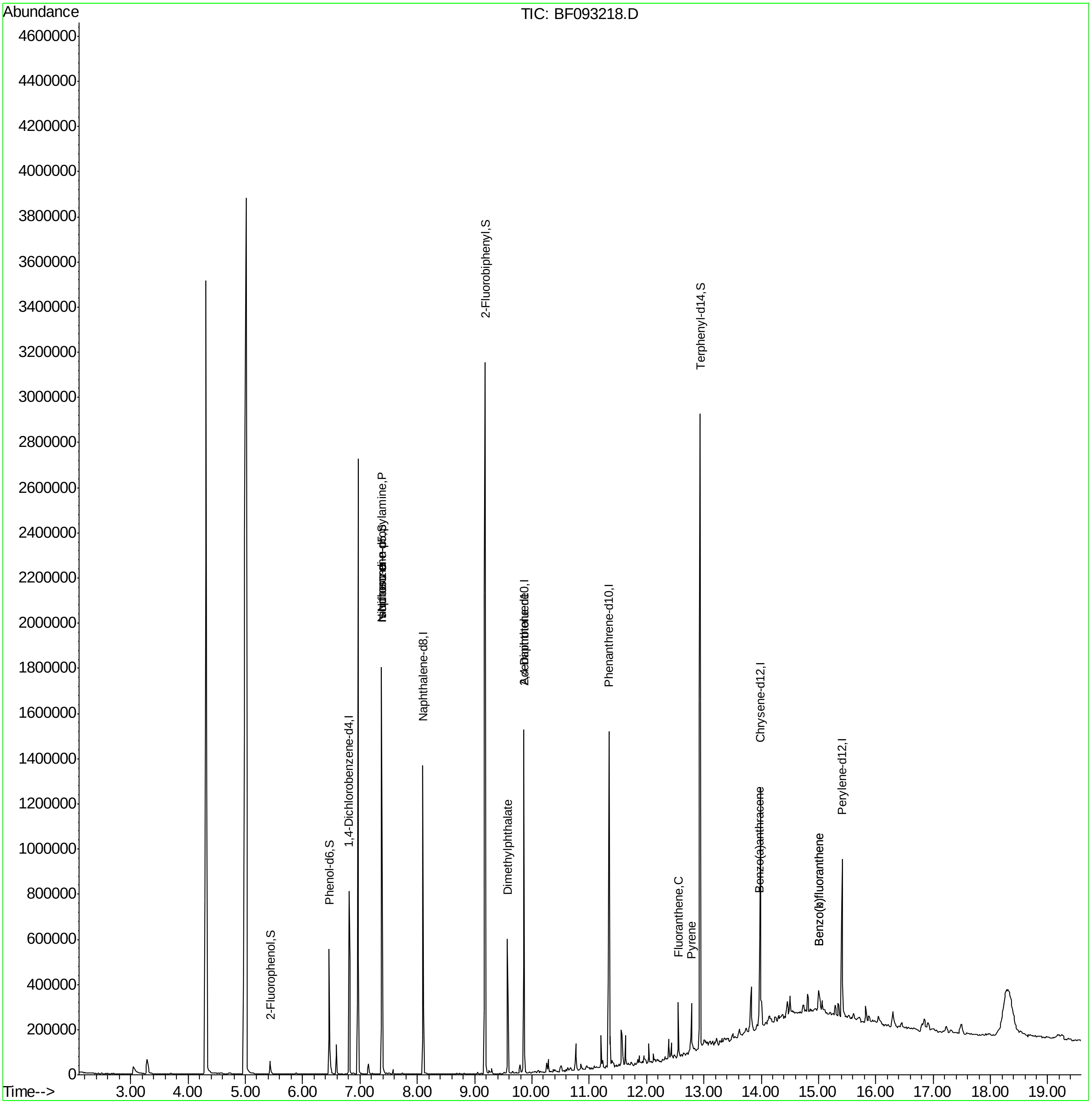
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	152462	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	618037	20.00	ng		-0.05
38) Acenaphthene-d10	9.86	164	304386	20.00	ng		-0.03
63) Phenanthrene-d10	11.34	188	529492	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	369542	20.00	ng		-0.03
86) Perylene-d12	15.41	264	304471	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	23600	2.66	ng		-0.01
7) Phenol-d6	6.46	99	201916	17.66	ng		-0.02
23) Nitrobenzene-d5	7.38	82	702283	63.28	ng		-0.05
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.18	172	1327306	79.00	ng		-0.03
78) Terphenyl-d14	12.93	244	1011320	64.30	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.38	70	91840	12.62	ng	#	84
25) Isophorone	7.38	82	649657	31.41	ng	#	65
49) Dimethylphthalate	9.57	163	306519	14.95	ng		99
56) 2,4-Dinitrotoluene	9.86	165	38896	6.60	ng	#	20
74) Fluoranthene	12.56	202	91071	2.91	ng		95
77) Pyrene	12.78	202	86635	3.13	ng		99
80) Benzo(a)anthracene	13.97	228	46524	2.06	ng		97
87) Benzo(b)fluoranthene	15.00	252	61688	3.08	ng	#	87
88) Benzo(k)fluoranthene	15.00	252	61688	3.57	ng	#	87

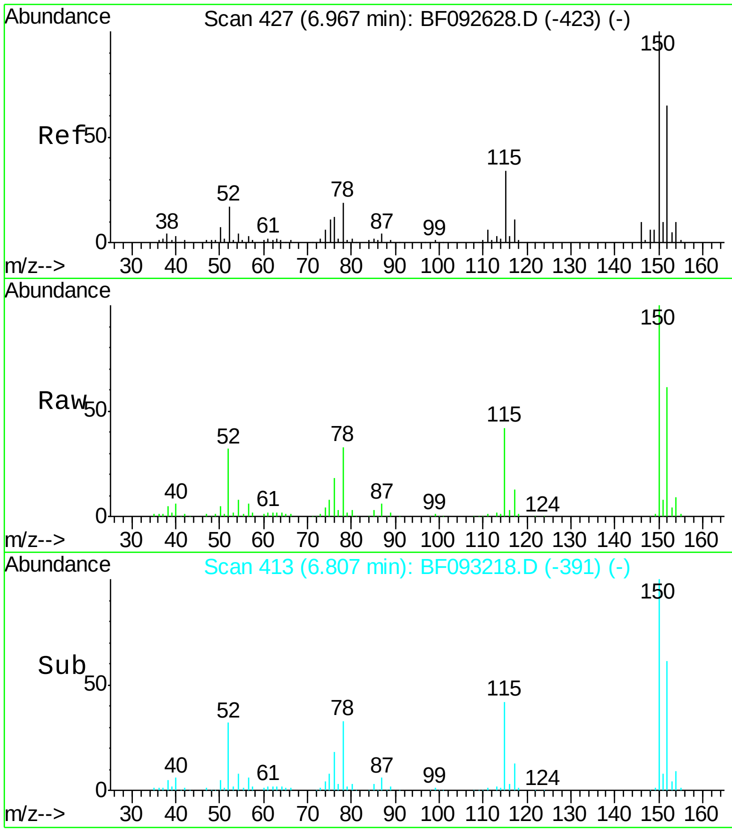
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
                            Quantitation Report    (Not Reviewed)
Data File : BF093218.D
Acq On    : 27 Feb 2017  21:35
Operator  : SJ/MA
Sample    : I2013-02
Misc      :
ALS Vial  : 7   Sample Multiplier: 1

Quant Time: Feb 27 23:53:58 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title  : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration
```

Instrument :
BNA_F
ClientSampleId :
CR-2



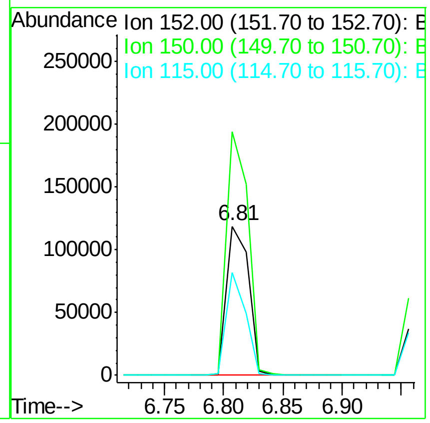


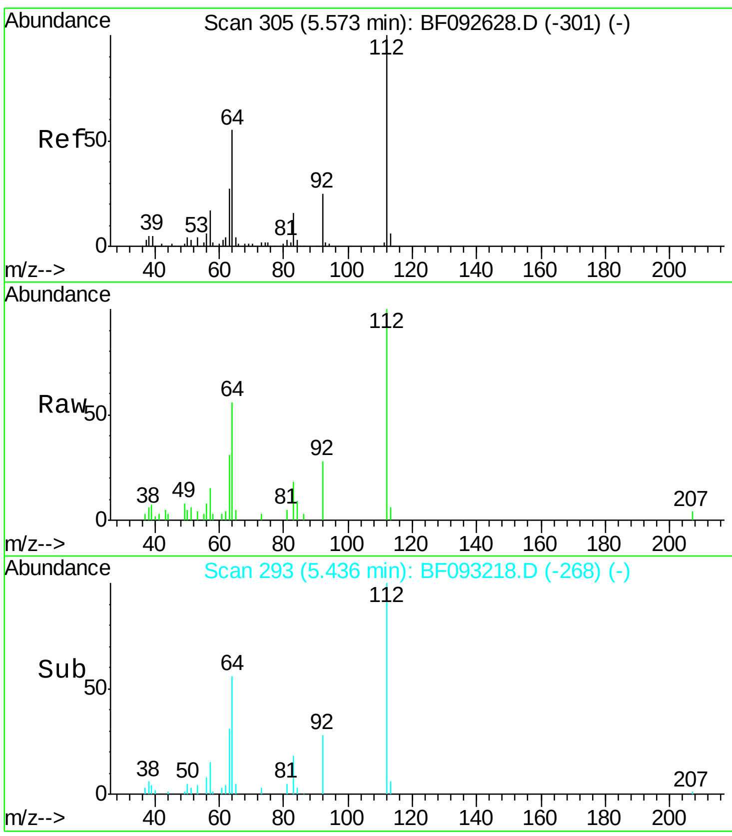
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Instrument : BNA_F
ClientSampleId : CR-2

Tgt Ion:152 Resp: 152462

Ion	Ratio	Lower	Upper
152	100		
150	163.4	124.9	187.3
115	68.8	46.0	69.0

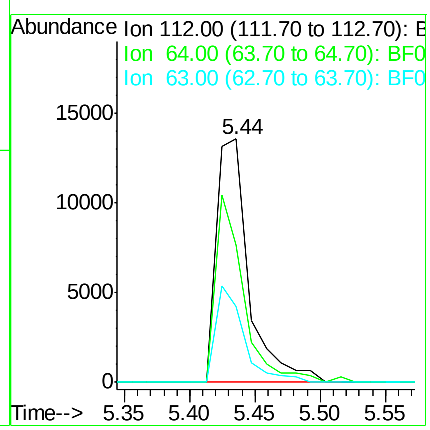


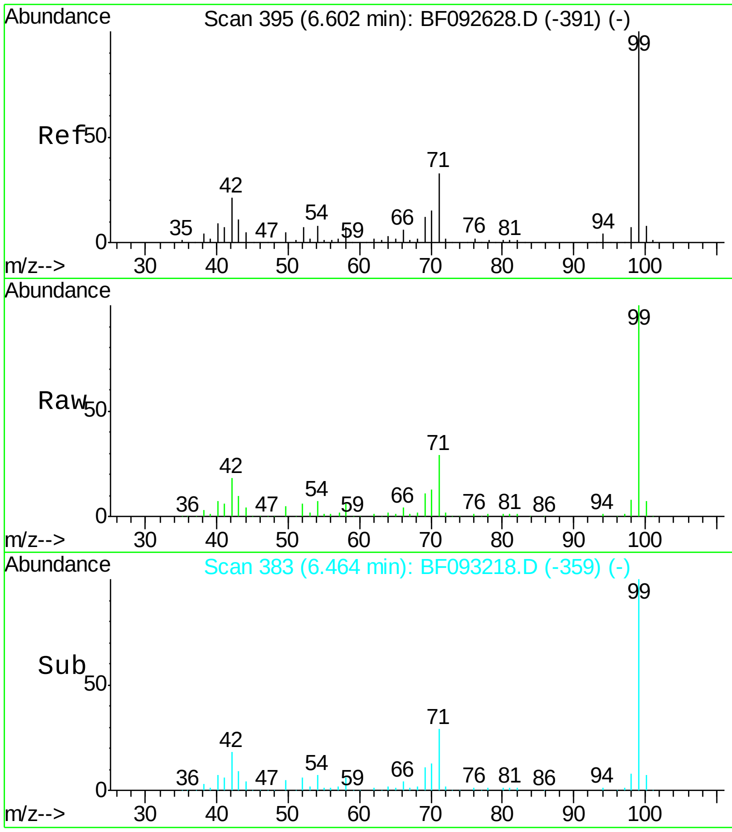


#5
2-Fluorophenol
Concen: 2.66 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion:112 Resp: 23600

Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.1	69.1
63	31.3	23.8	35.6



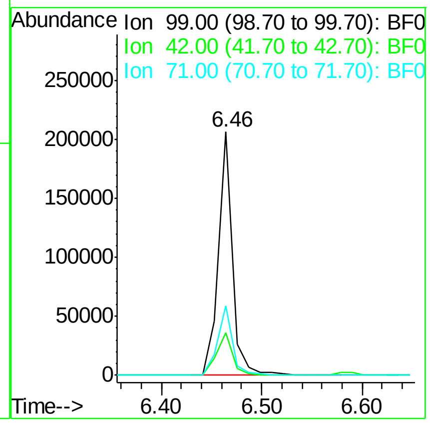


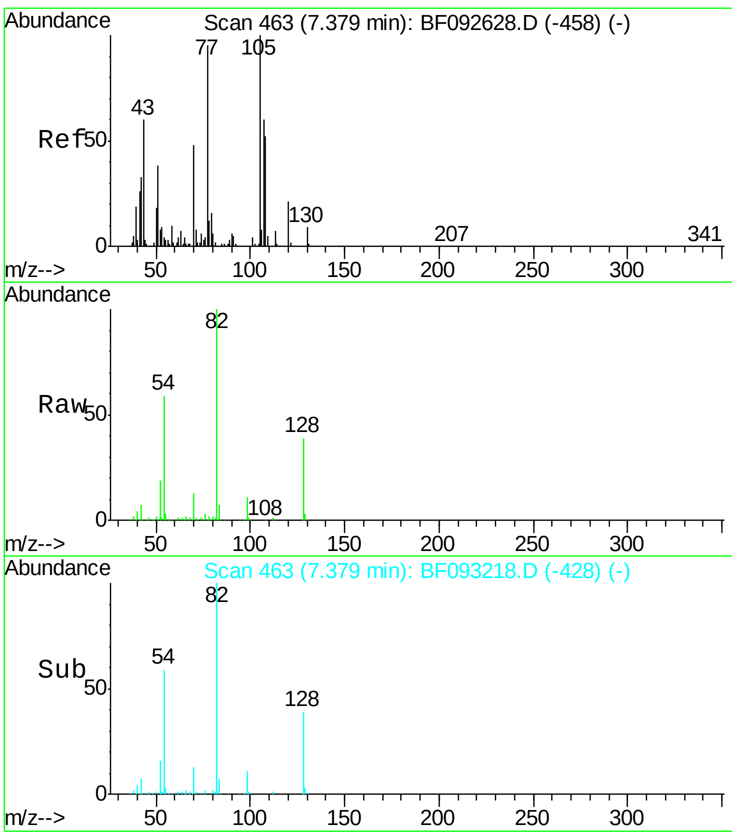
#7
Phenol-d6
Concen: 17.66 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Instrument :
BNA_F
ClientSampleId :
CR-2

Tgt Ion: 99 Resp: 201916

Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.6	23.4
71	28.8	27.5	41.3

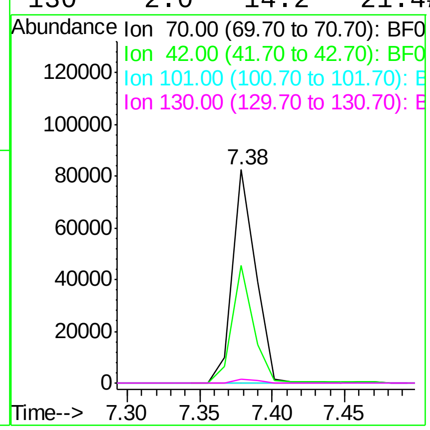


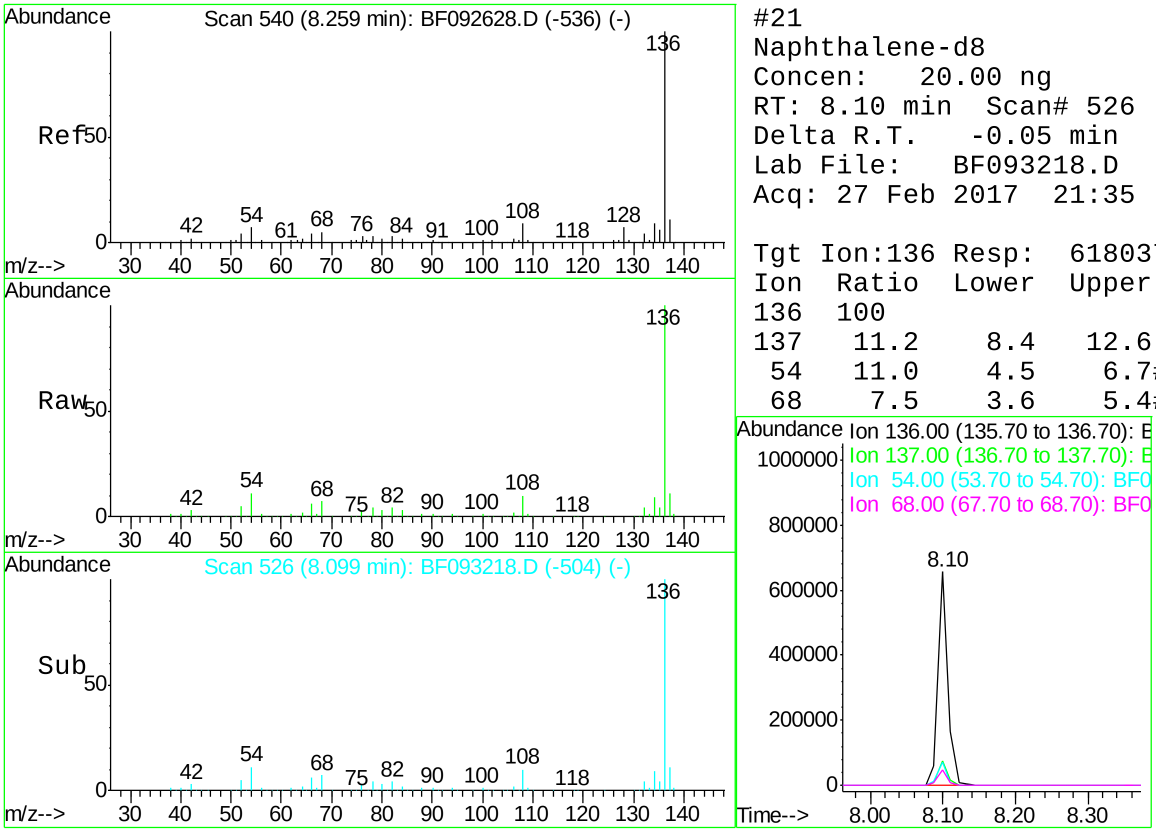


#19
n-Nitroso-di-n-propylamine
Concen: 12.62 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion: 70 Resp: 91840

Ion	Ratio	Lower	Upper
70	100		
42	54.9	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



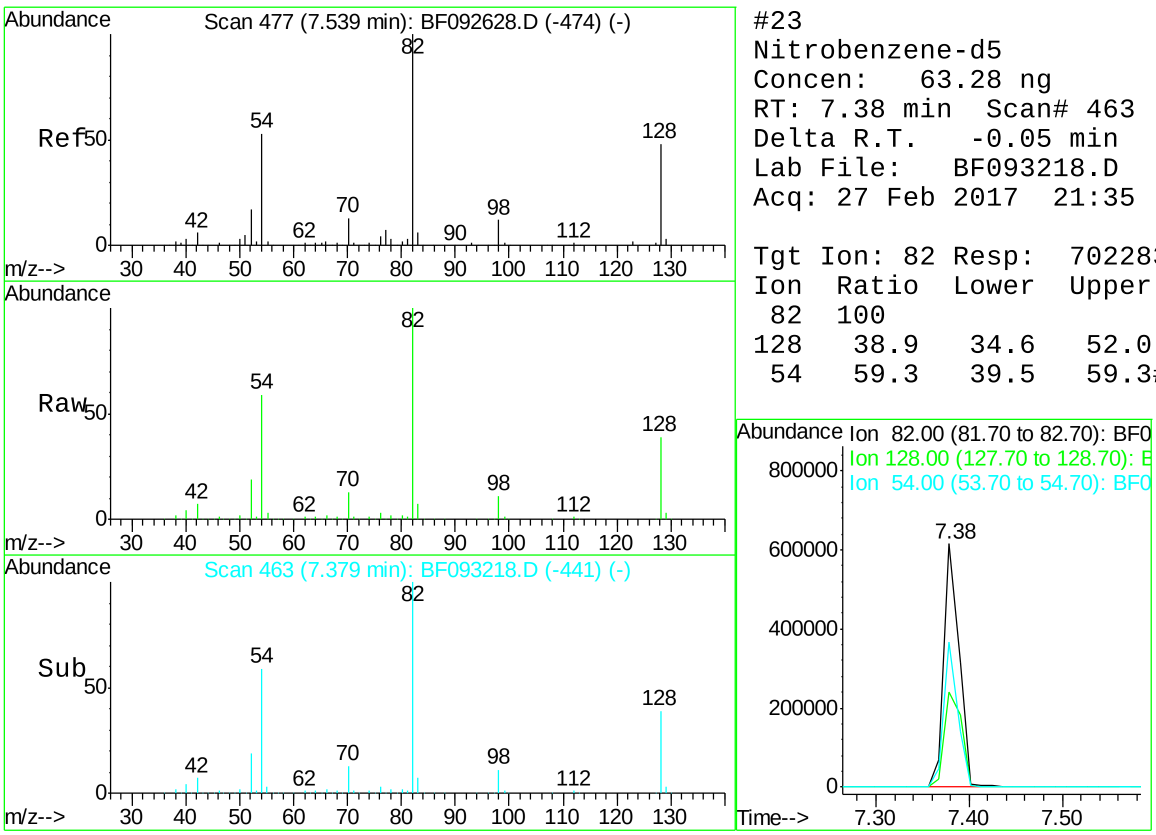


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Instrument : BNA_F
ClientSampleId : CR-2

Tgt Ion:136 Resp: 618037

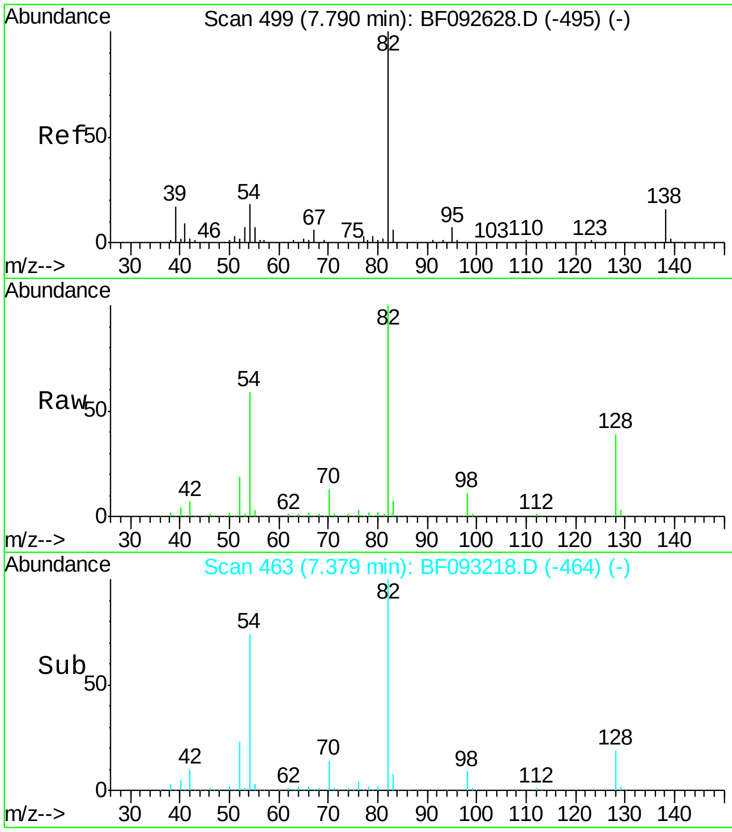
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	11.0	4.5	6.7#
68	7.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 63.28 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion: 82 Resp: 702283

Ion	Ratio	Lower	Upper
82	100		
128	38.9	34.6	52.0
54	59.3	39.5	59.3#

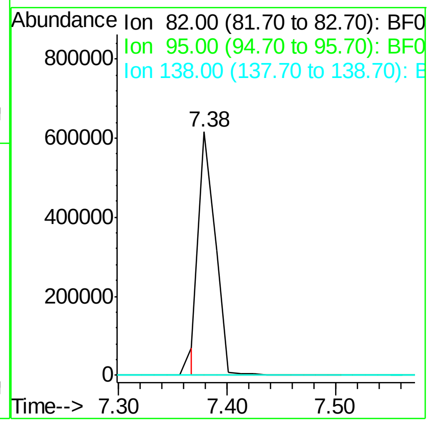


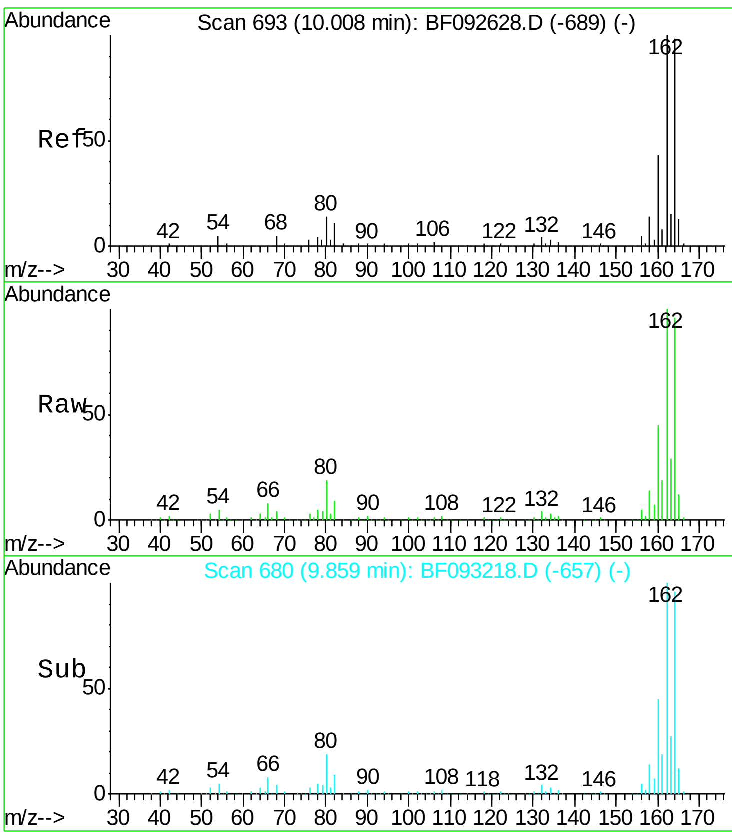
#25
Isophorone
Concen: 31.41 ng
RT: 7.38 min   Scan# 463
Delta R.T.   -0.31 min
Lab File: BF093218.D
Acq: 27 Feb 2017   21:35

Instrument :
BNA_F
ClientSampleId :
CR-2

Tgt Ion: 82 Resp: 649657

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

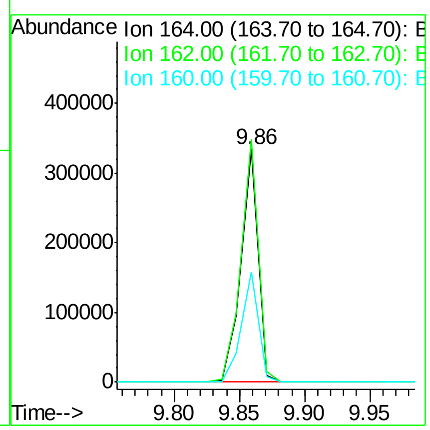


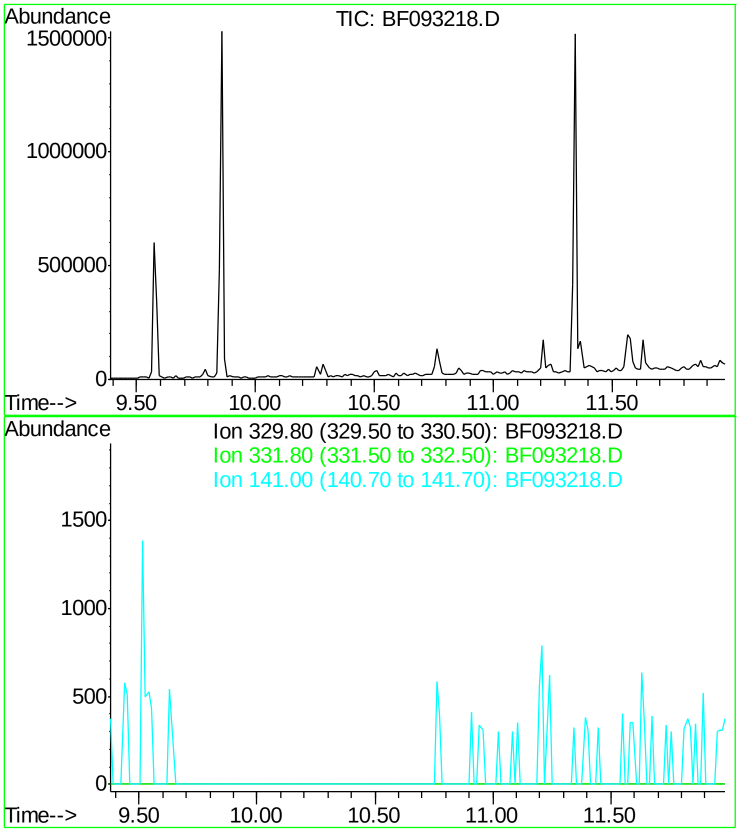


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min   Scan# 680
Delta R.T.   -0.03 min
Lab File: BF093218.D
Acq: 27 Feb 2017   21:35

Tgt Ion:164 Resp: 304386

Ion	Ratio	Lower	Upper
164	100		
162	104.5	80.2	120.2
160	47.4	36.9	55.3





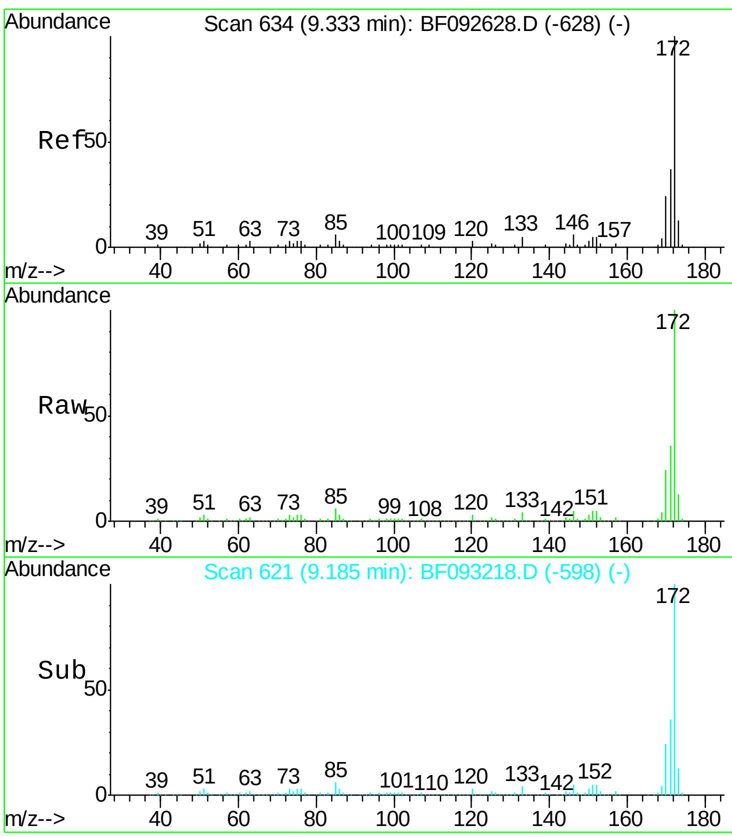
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.68 min

Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	96.8
141	42.6

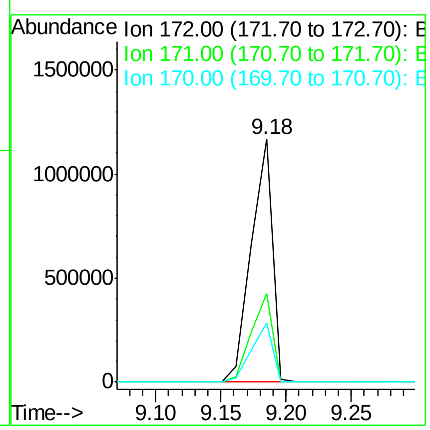
Instrument :
BNA_F
ClientSampleId :
CR-2



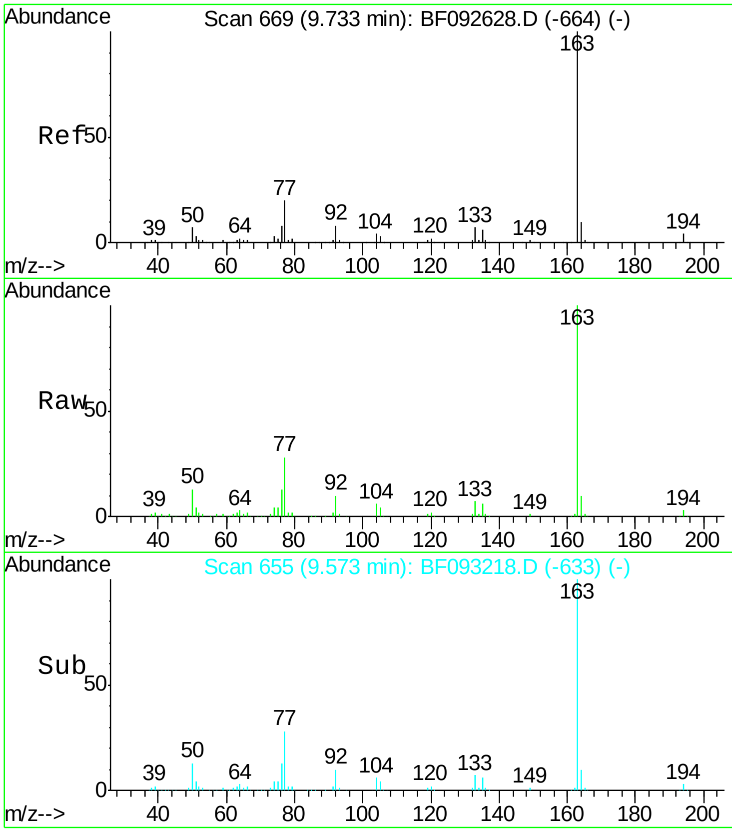
#44
2-Fluorobiphenyl
Concen: 79.00 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.03 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion:172 Resp: 1327306

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.2	20.2	30.4



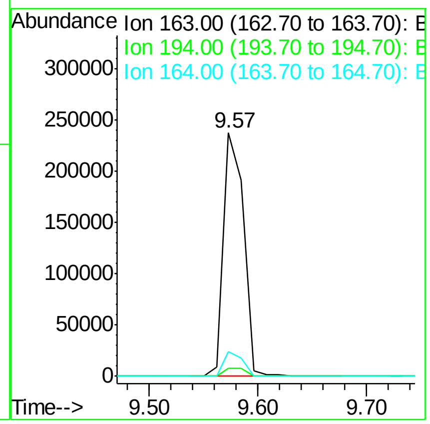
Instrument :
BNA_F
ClientSampleId :
CR-2

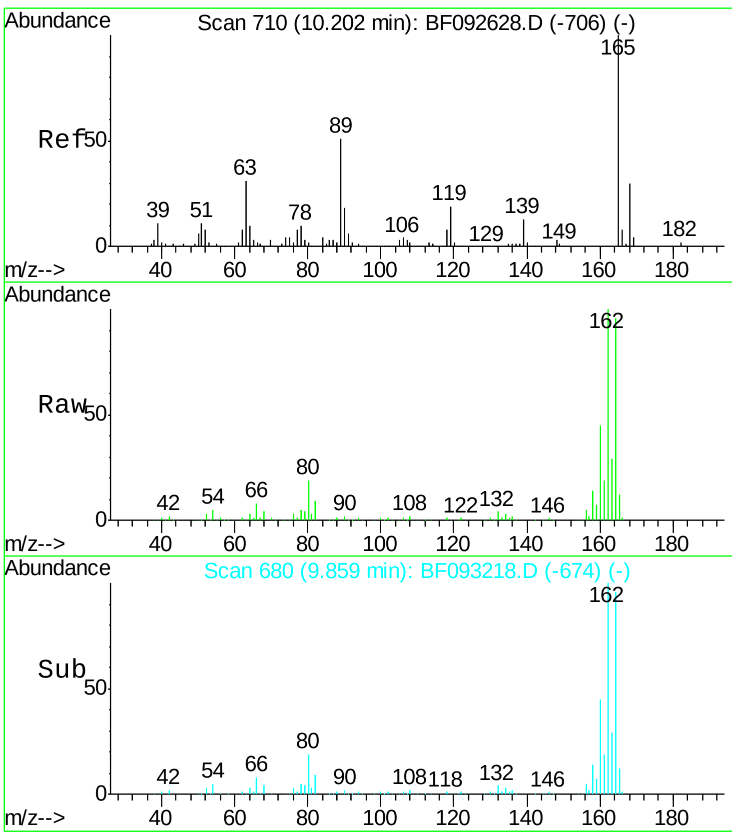


#49
Dimethylphthalate
Concen: 14.95 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion:163 Resp: 306519

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.4	8.0	12.0

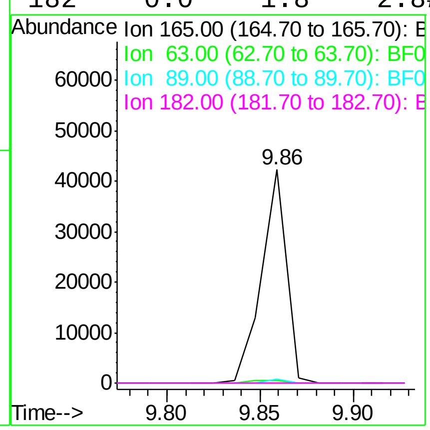




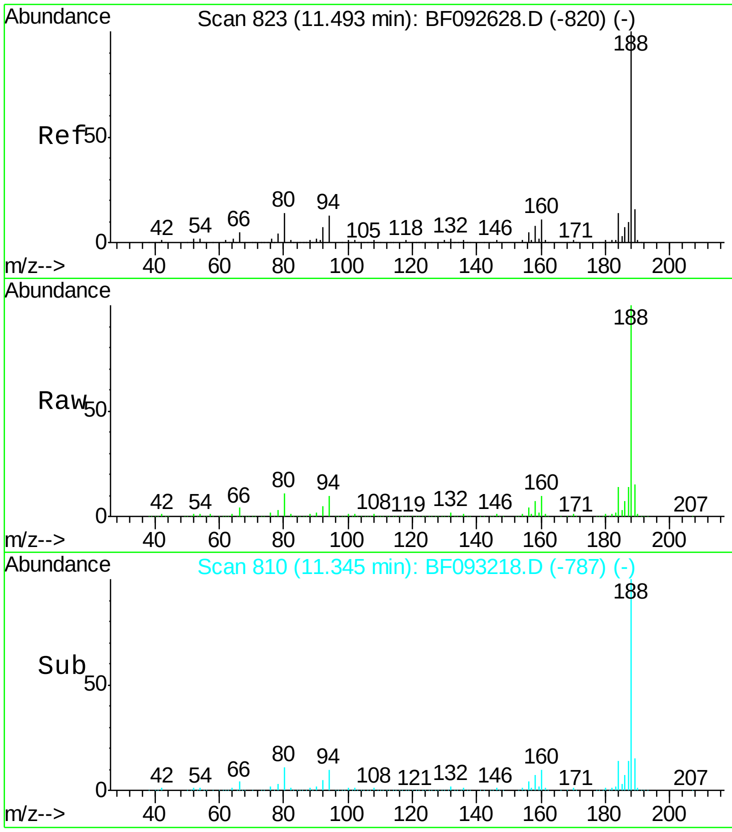
#56
2,4-Dinitrotoluene
Concen: 6.60 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.23 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion:165 Resp: 38896

Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#



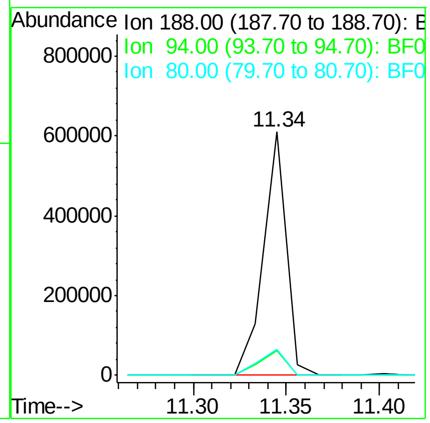
Instrument :
BNA_F
ClientSampleId :
CR-2

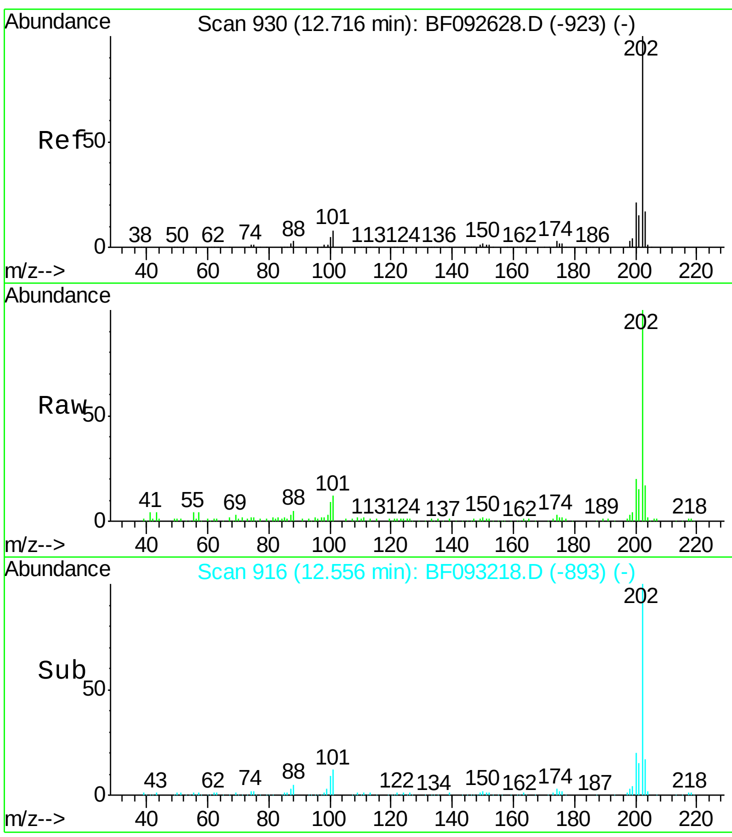


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion:188 Resp: 529492

Ion	Ratio	Lower	Upper
188	100		
94	10.0	10.0	15.0
80	10.6	11.2	16.8#

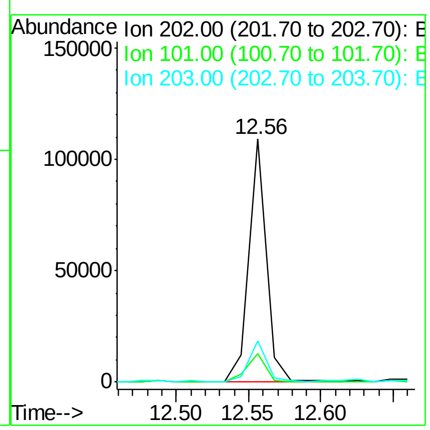


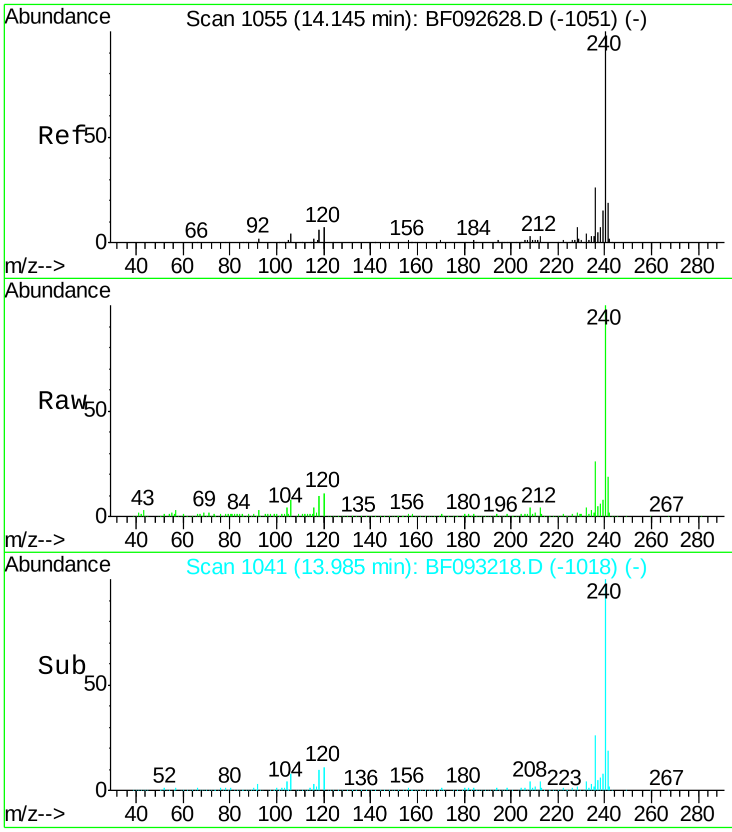


#74
Fluoranthene
Concen: 2.91 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion:202 Resp: 91071

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	34.6
203	16.9	0.0	38.7



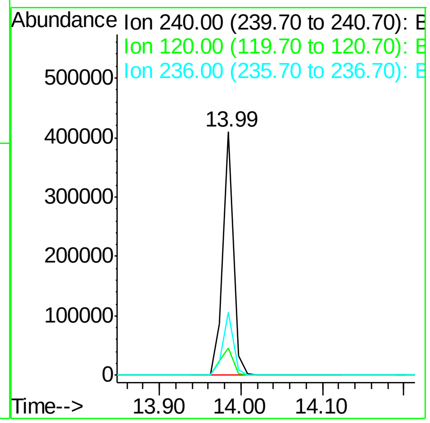


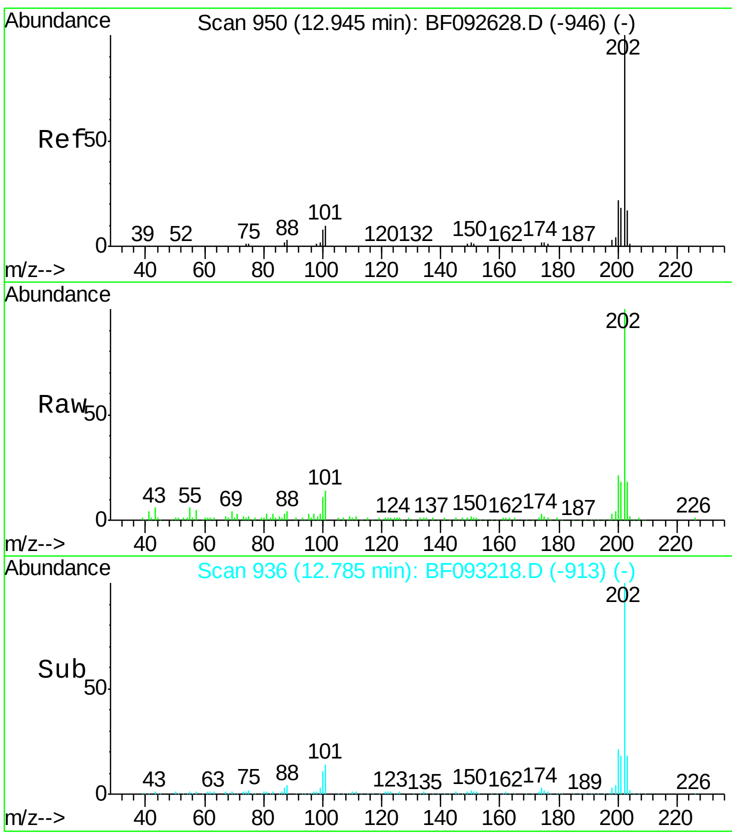
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Instrument :
BNA_F
ClientSampleId :
CR-2

Tgt Ion:240 Resp: 369542

Ion	Ratio	Lower	Upper
240	100		
120	11.4	12.9	19.3#
236	25.7	20.9	31.3

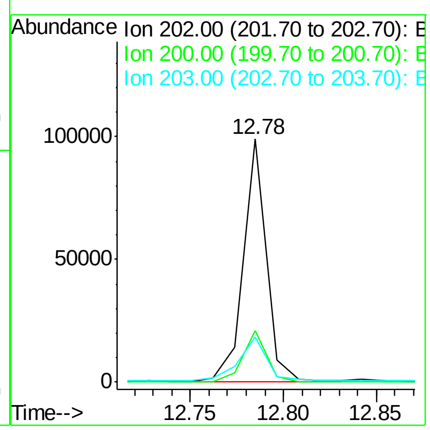


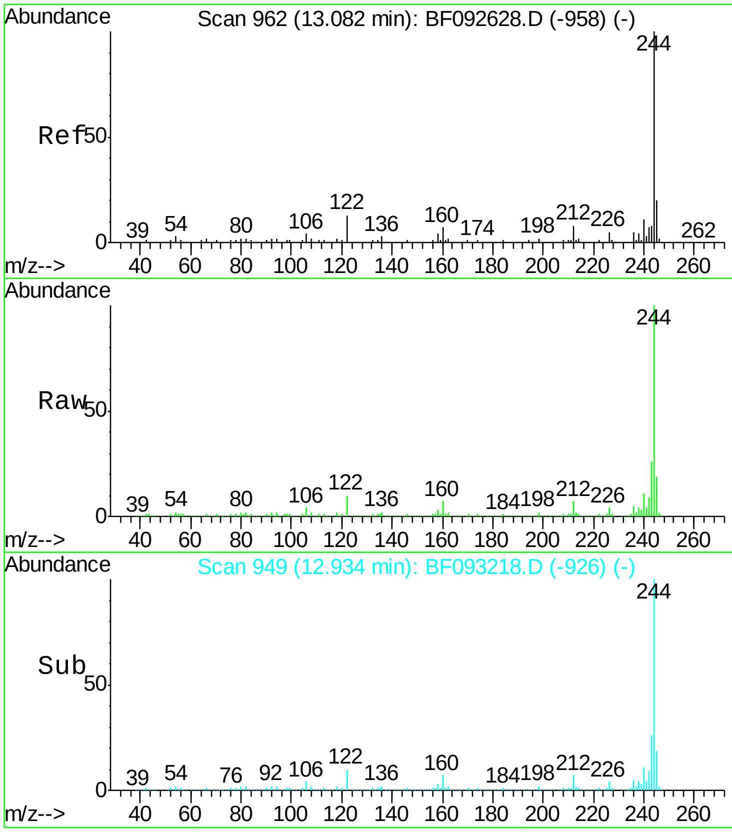


#77
Pyrene
Concen: 3.13 ng
RT: 12.78 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion:202 Resp: 86635

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.7	26.5
203	18.4	14.7	22.1



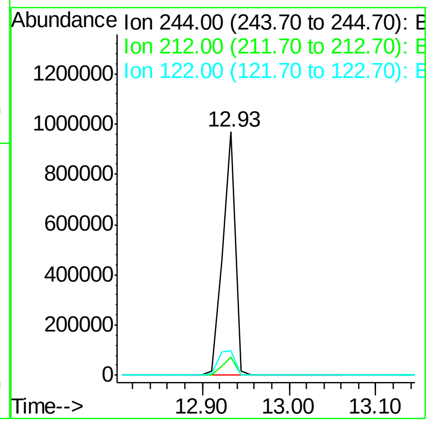


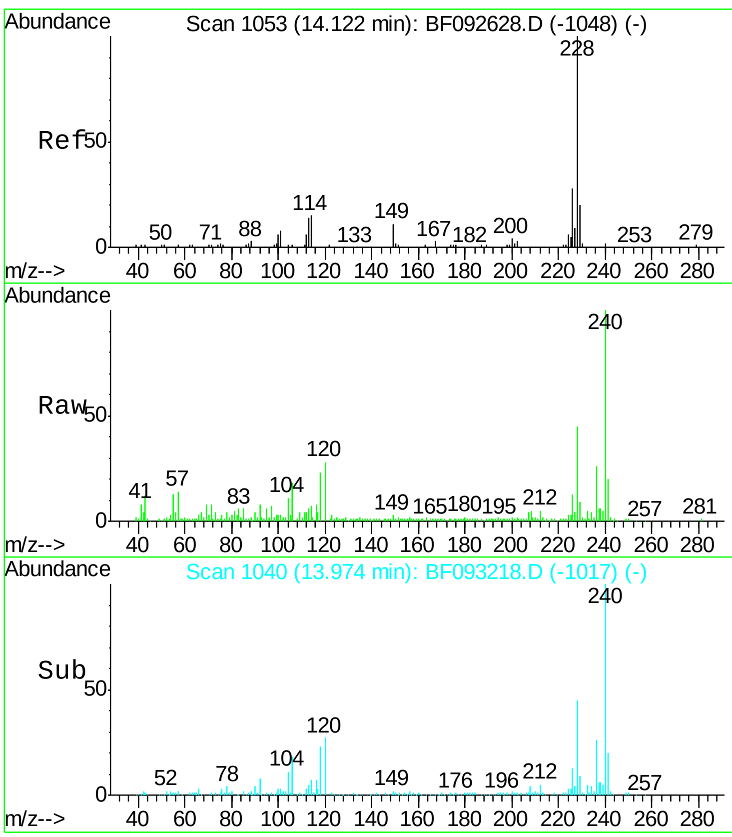
#78
Terphenyl-d14
Concen: 64.30 ng
RT: 12.93 min   Scan# 949
Delta R.T.   -0.03 min
Lab File: BF093218.D
Acq: 27 Feb 2017   21:35

Instrument :
BNA_F
ClientSampleId :
CR-2

Tgt Ion:244 Resp: 1011320

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	10.4	11.4	17.2#

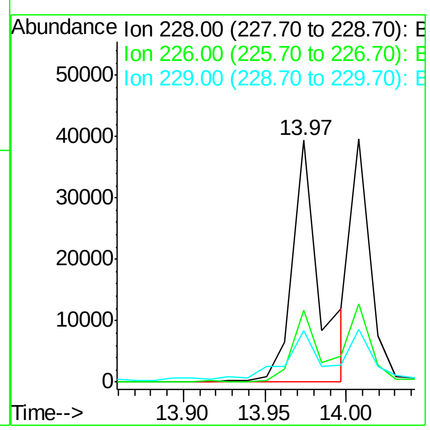


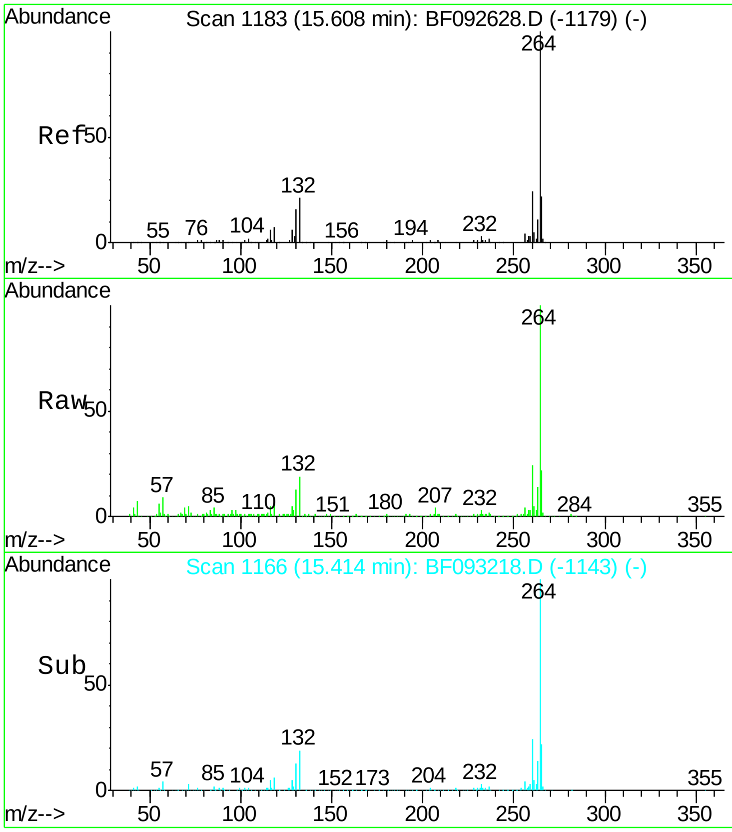


#80
Benzo(a)anthracene
Concen: 2.06 ng
RT: 13.97 min   Scan# 1040
Delta R.T.   -0.03 min
Lab File: BF093218.D
Acq: 27 Feb 2017   21:35

Tgt Ion:228 Resp: 46524

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.4	33.6
229	21.1	16.2	24.4



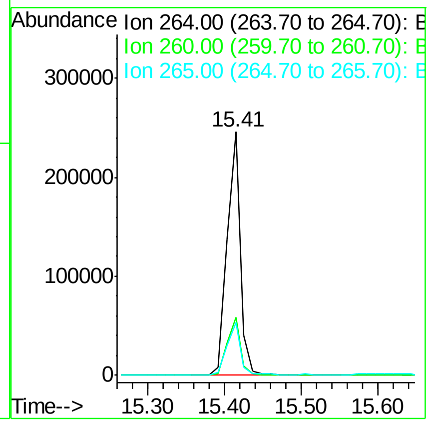


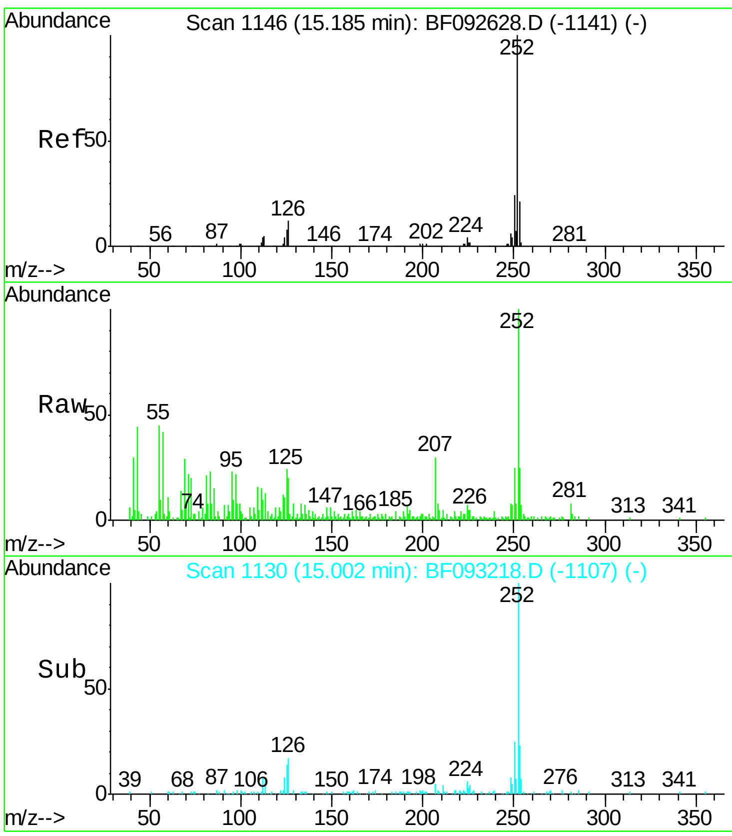
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Instrument :
BNA_F
ClientSampleId :
CR-2

Tgt Ion:264 Resp: 304471

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.8	17.4	26.0

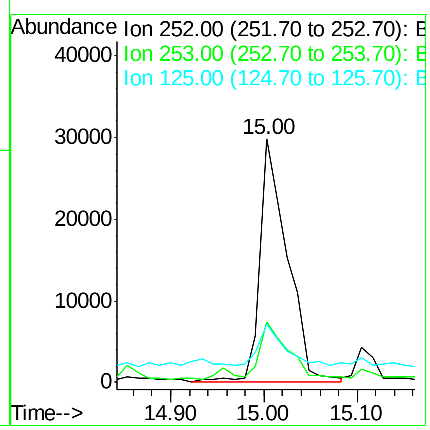


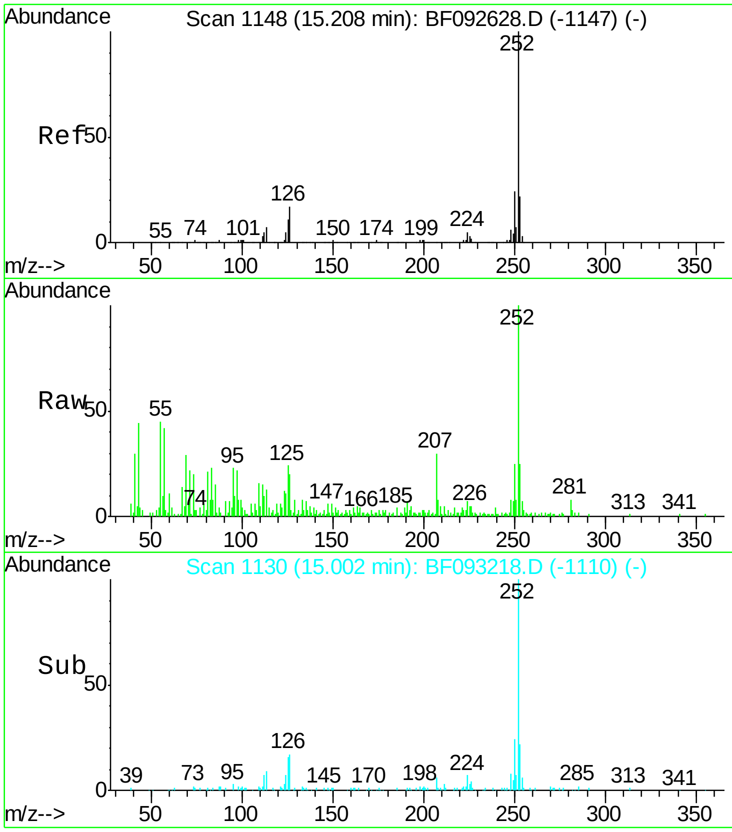


#87
Benzo(b)fluoranthene
Concen: 3.08 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Tgt Ion:252 Resp: 61688

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.2	27.4
125	23.6	9.8	14.6#





#88
Benzo(k)fluoranthene
Concen: 3.57 ng
RT: 15.00 min   Scan# 1130
Delta R.T.   -0.07 min
Lab File: BF093218.D
Acq: 27 Feb 2017 21:35

Instrument :
BNA_F
ClientSampleId :
CR-2

Tgt Ion:252 Resp: 61688

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.5	27.7
125	23.6	8.9	13.3#