Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089170.D
Acq On : 21 Jul 2016 10:15
Operator : UM/SJ
Sample : H4073-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jul 21 16:06:42 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 20 19:03:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	50545	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	221960	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	100953	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	197731	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	125094	20.00	ng	-0.01
86) Perylene-d12	15.06	264	90383	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	115773	34.84	ng	-0.01
7) Phenol-d6	6.25	99	148715	34.70	ng	-0.02
23) Nitrobenzene-d5	7.16	82	94717	22.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	33400	36.75	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	204589	27.92	ng	-0.01
78) Terphenyl-d14	12.69	244	213579	37.03	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.16	70	11588	4.13	ng	# 80
49) Dimethylphthalate	9.36	163	101815	13.14	ng	99
56) 2,4-Dinitrotoluene	9.62	165	12764	5.67	ng	# 10

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

Quantitation Report (Not Reviewed)

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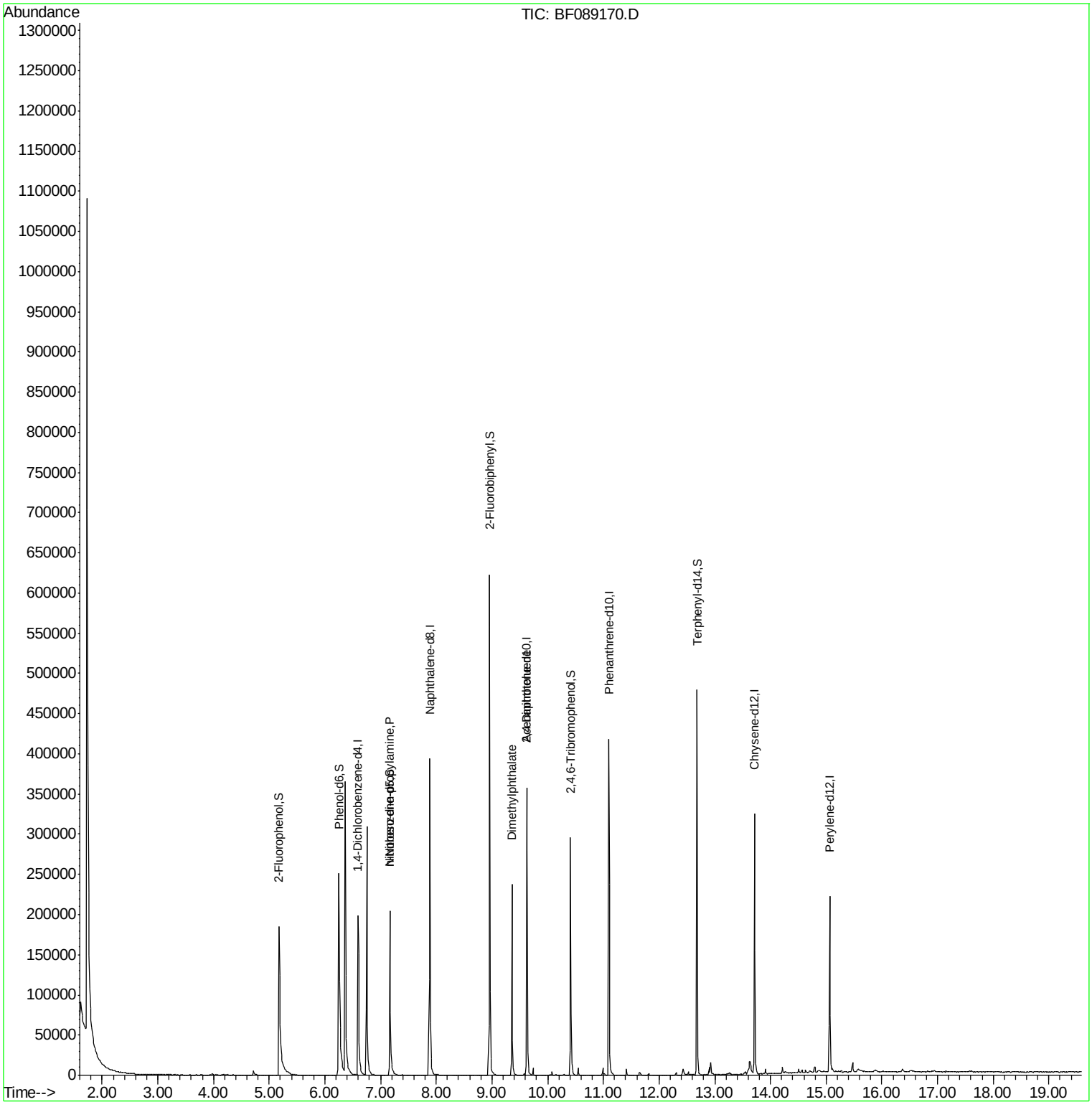
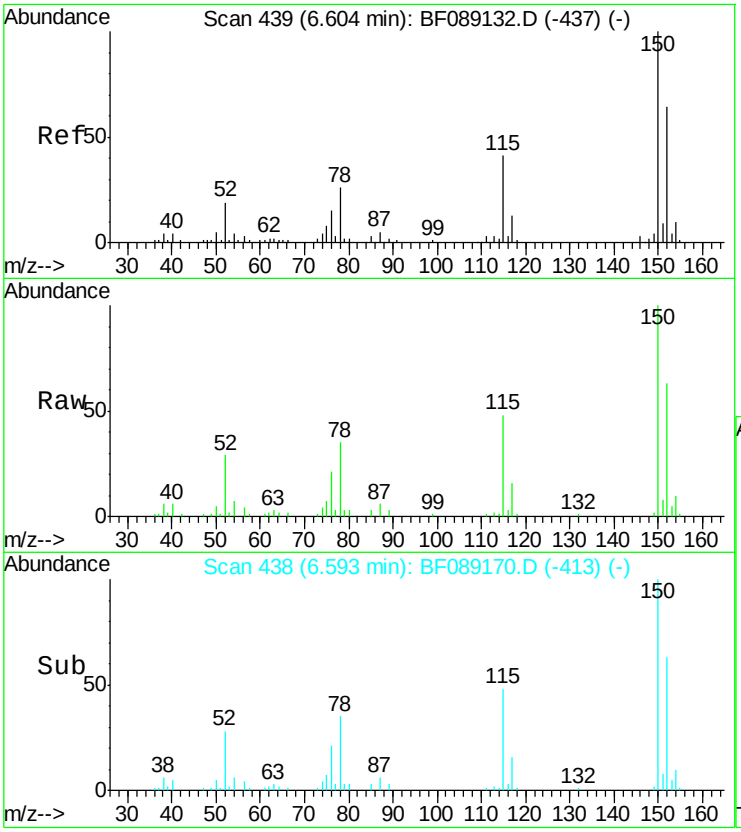


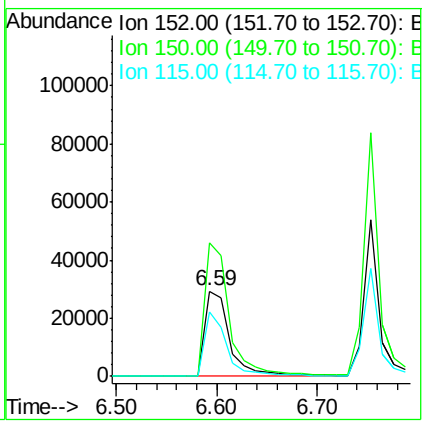


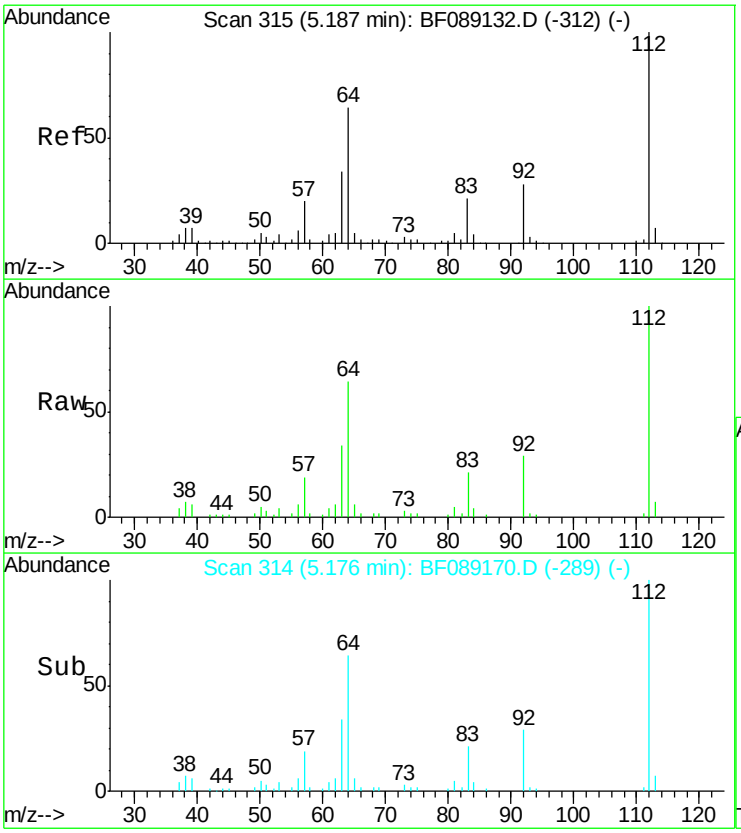
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 50545

Ion	Ratio	Lower	Upper
152	100		
150	157.8	125.1	187.7
115	76.0	51.1	76.7

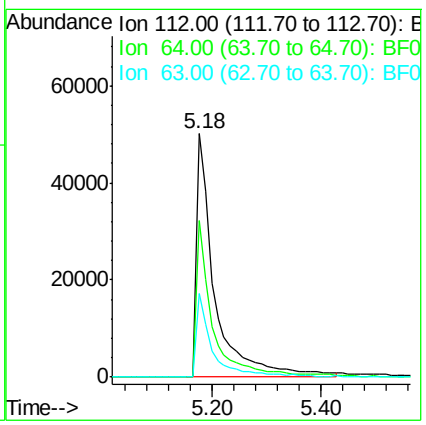


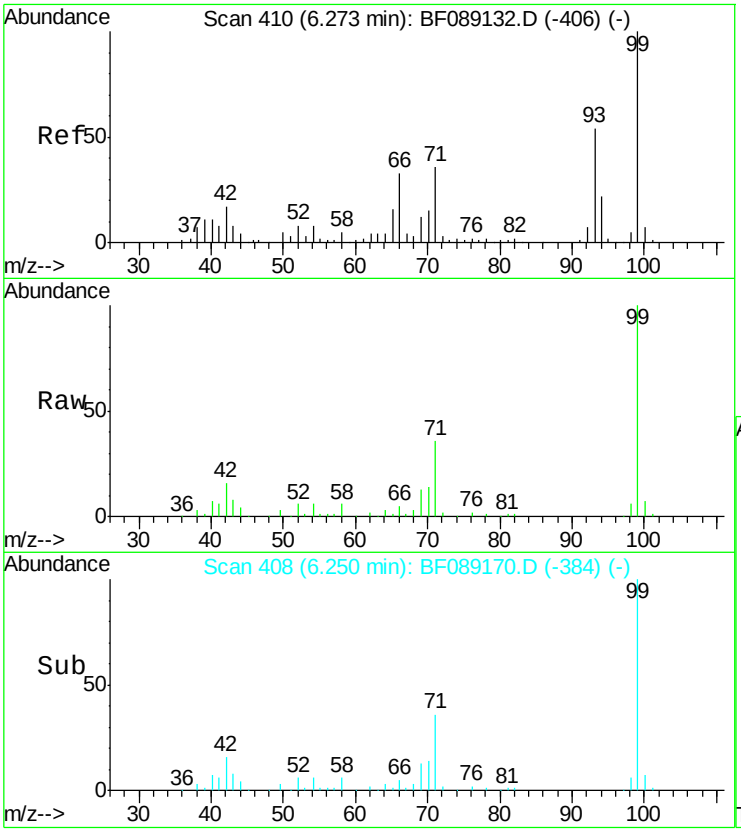


#5
2-Fluorophenol
Concen: 34.84 ng
RT: 5.18 min Scan# 314
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Tgt Ion:112 Resp: 115773

Ion	Ratio	Lower	Upper
112	100		
64	64.2	51.0	76.4
63	34.2	27.3	40.9



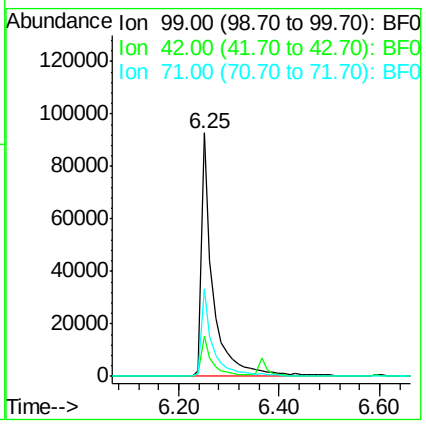


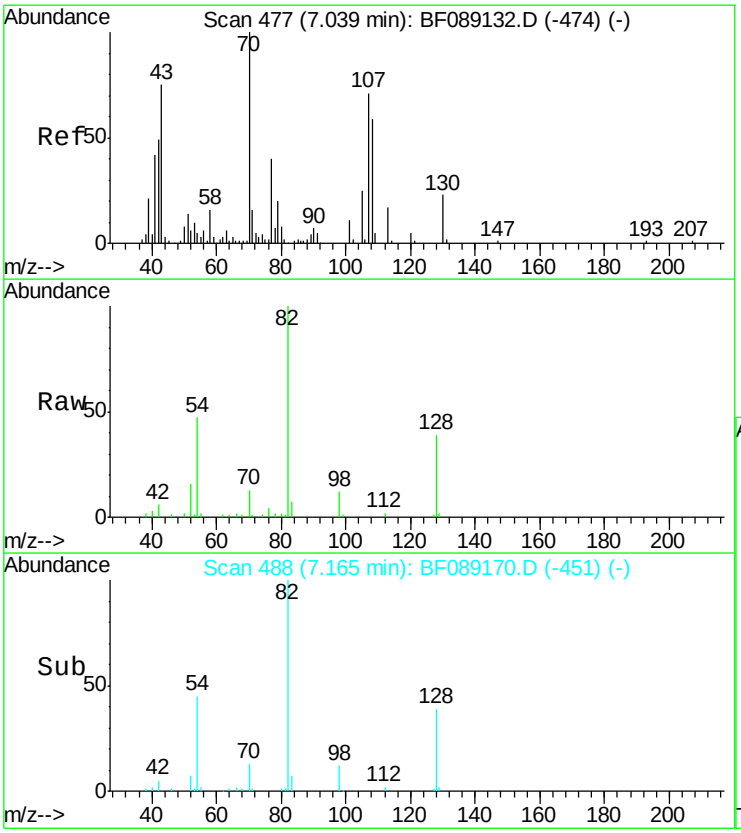
#7
Phenol-d6
Concen: 34.70 ng
RT: 6.25 min Scan# 408
Delta R.T. -0.02 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 148715

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	35.9	28.9	43.3

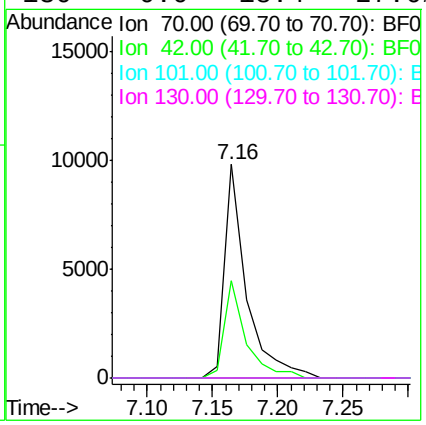


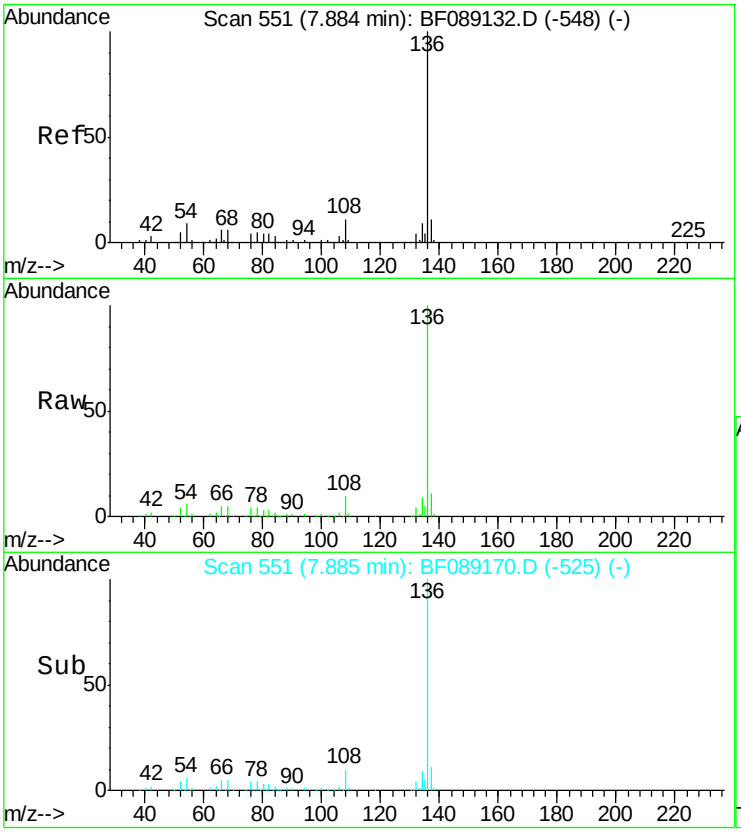


#19
n-Nitroso-di-n-propylamine
Concen: 4.13 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Tgt Ion: 70 Resp: 11588

Ion	Ratio	Lower	Upper
70	100		
42	45.3	39.2	58.8
101	0.0	8.5	12.7#
130	0.0	18.4	27.6#



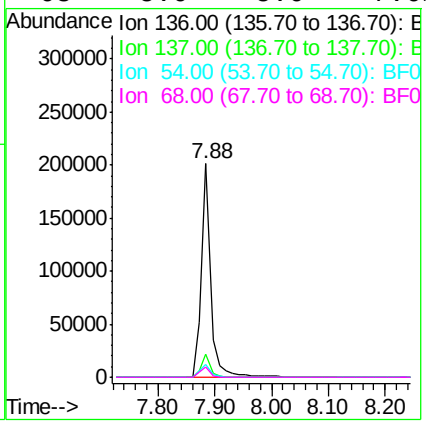


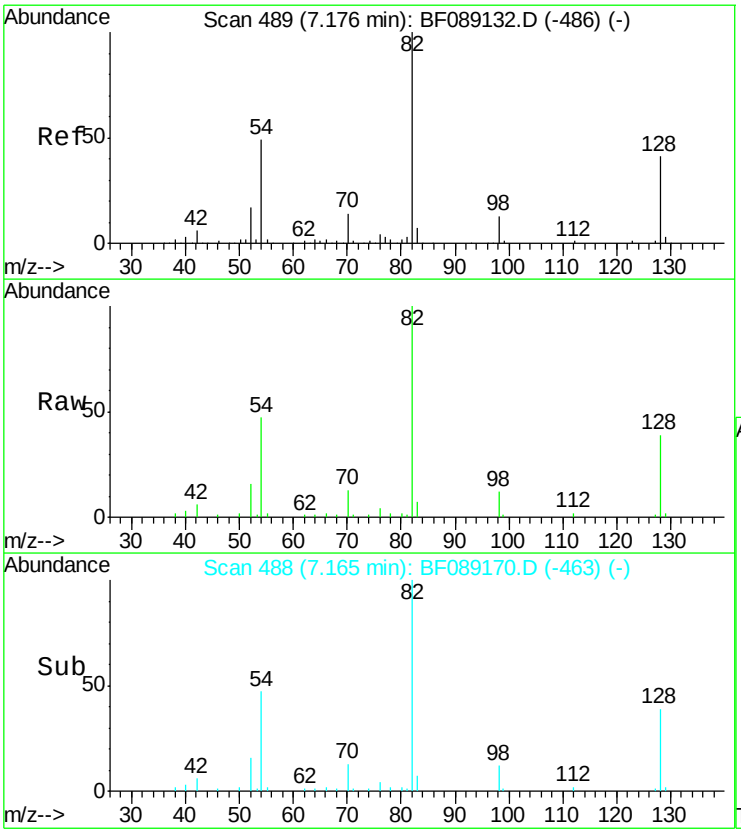
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. 0.00 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 221960

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.3	7.0	10.4#
68	5.0	5.0	7.6#

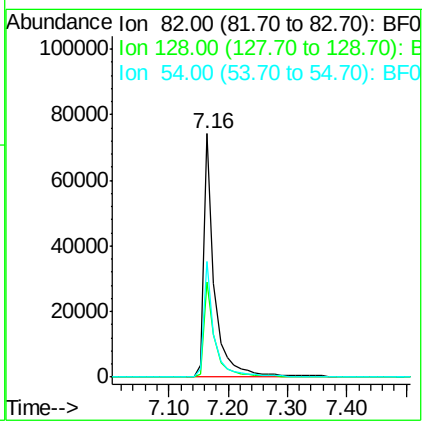


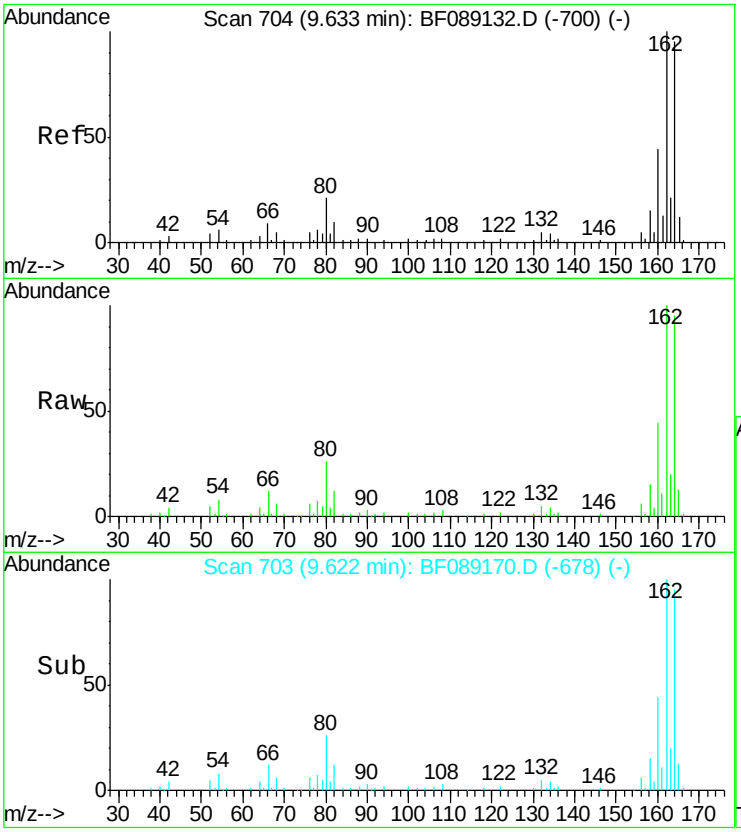


#23
Nitrobenzene-d5
Concen: 22.67 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Tgt Ion: 82 Resp: 94717

Ion	Ratio	Lower	Upper
82	100		
128	39.2	33.0	49.6
54	47.2	39.0	58.4



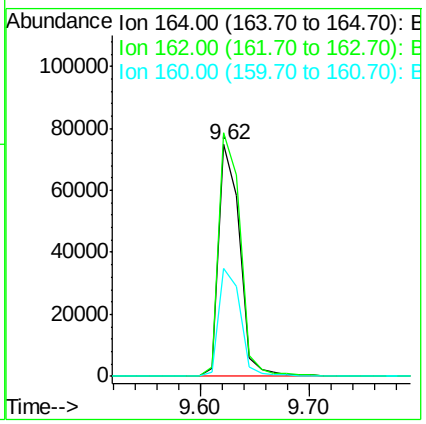


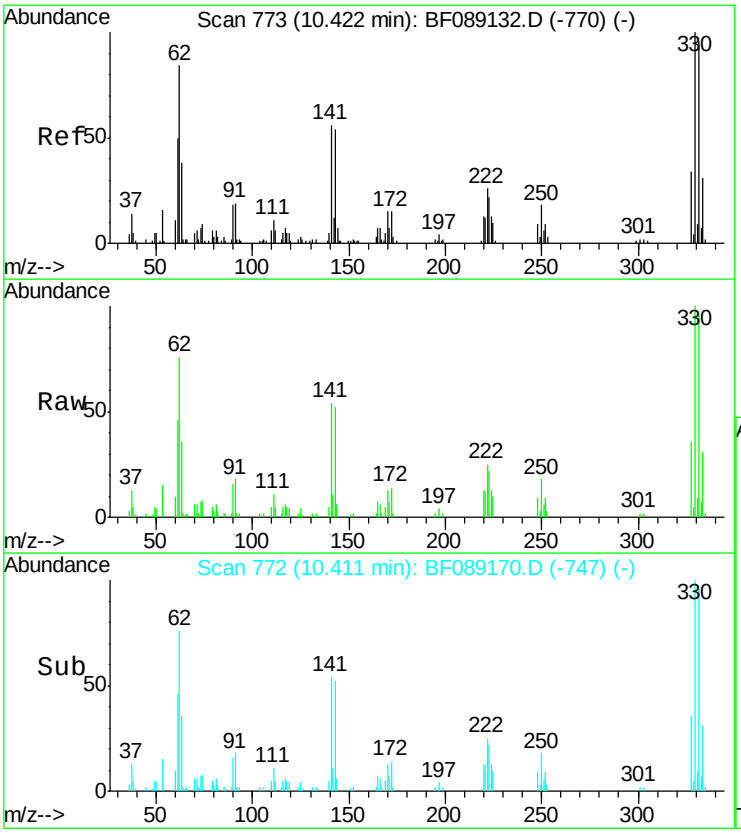
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 100953

Ion	Ratio	Lower	Upper
164	100		
162	105.0	84.1	126.1
160	46.4	37.1	55.7

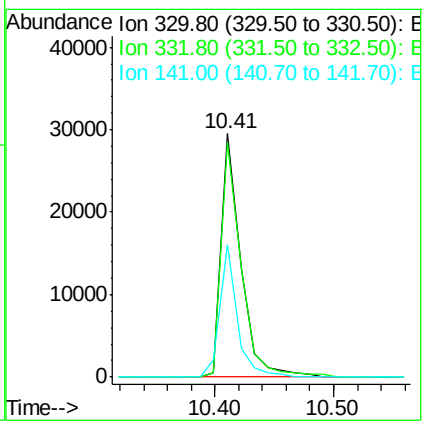


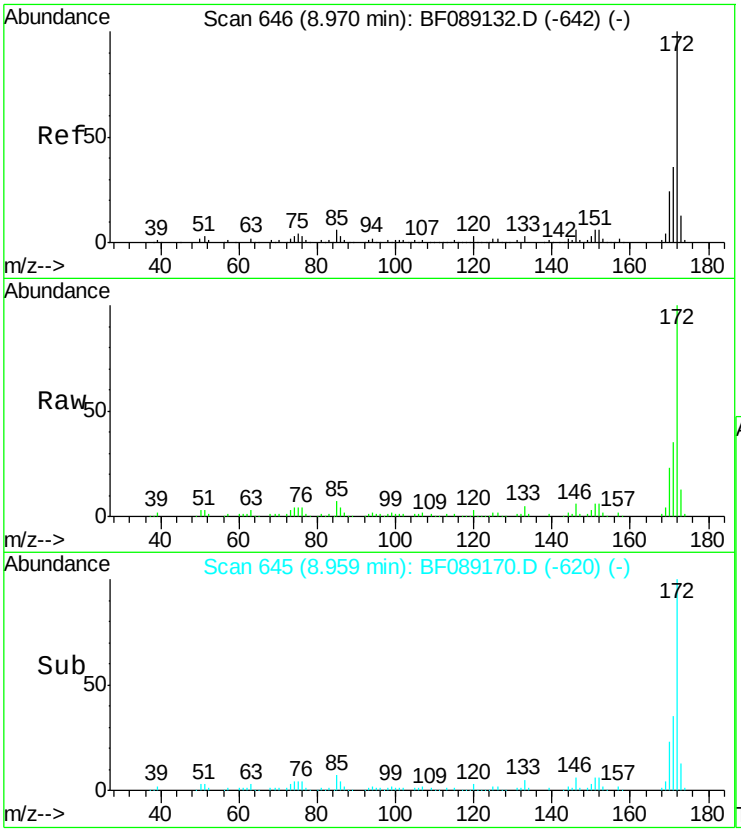


#41
2,4,6-Tribromophenol
Concen: 36.75 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Tgt Ion:330 Resp: 33400

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.2	115.8
141	48.5	42.2	63.2



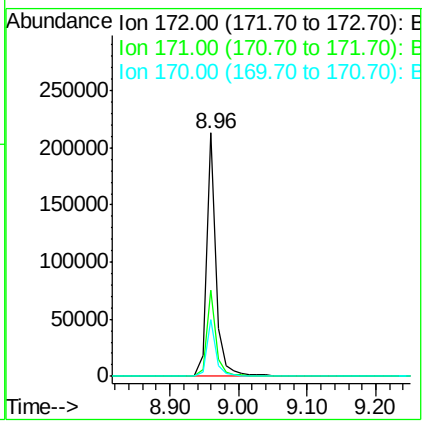


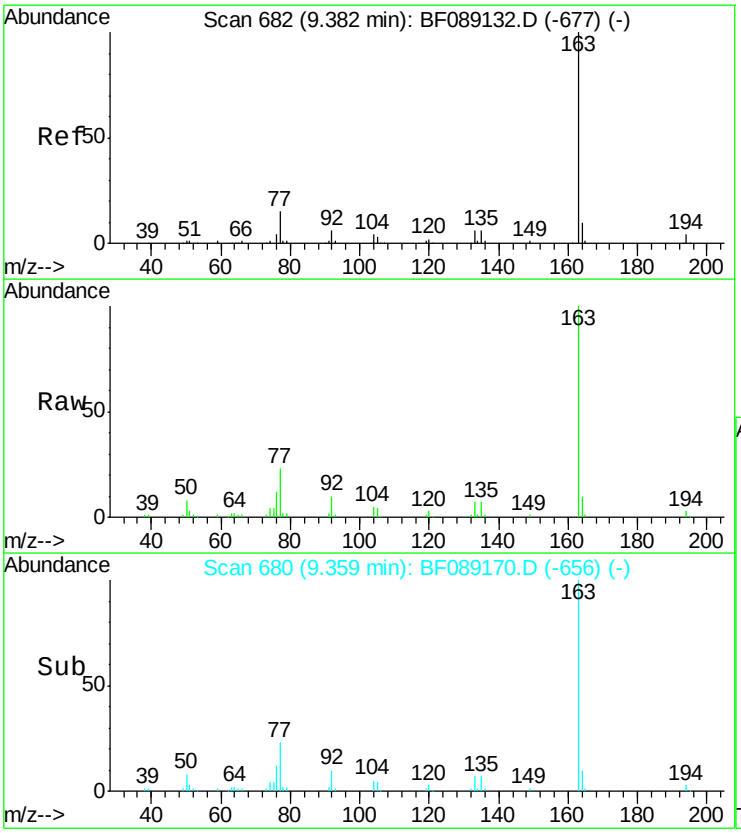
#44
2-Fluorobiphenyl
Concen: 27.92 ng
RT: 8.96 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 204589

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.2	43.8
170	23.2	19.1	28.7

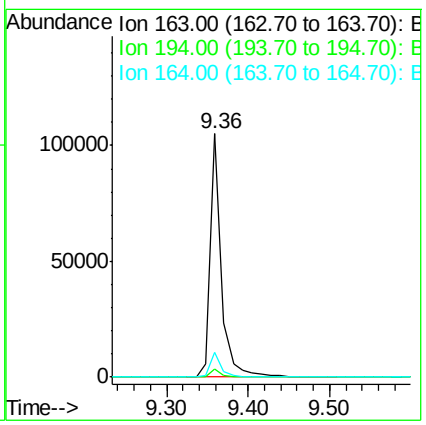


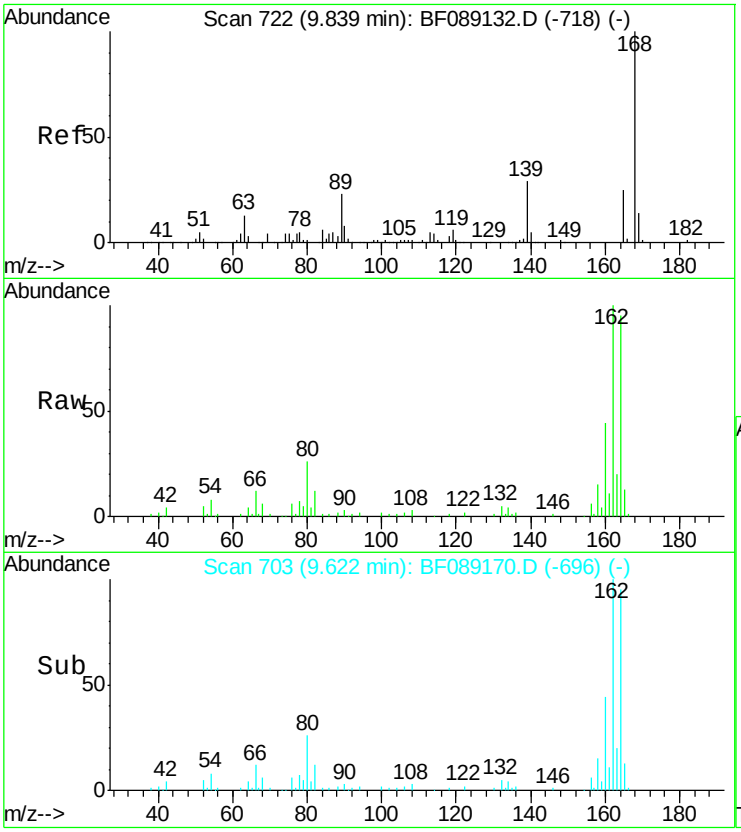


#49
Dimethylphthalate
Concen: 13.14 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Tgt Ion:163 Resp: 101815

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.9	4.3
164	10.0	7.6	11.4



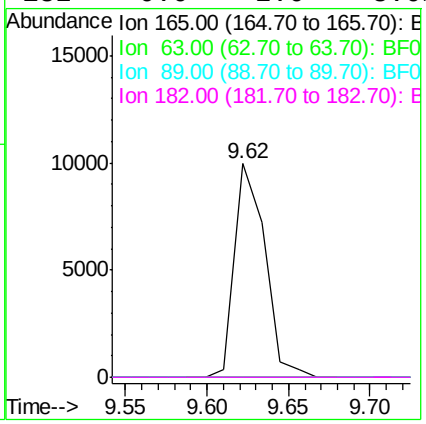


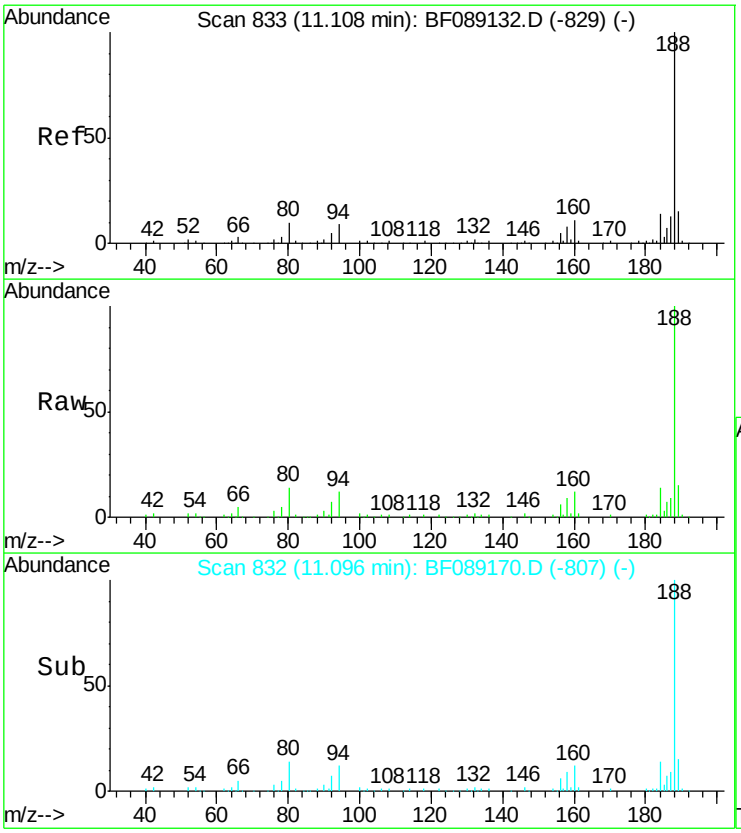
#56
2,4-Dinitrotoluene
Concen: 5.67 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.22 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 12764

Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#

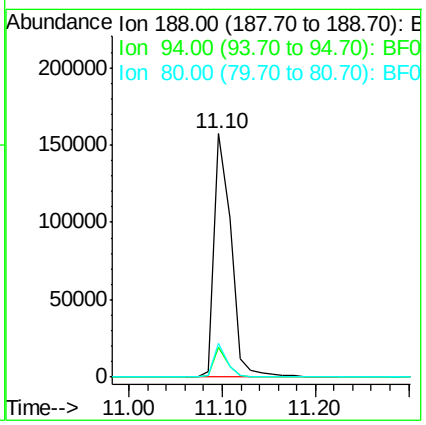


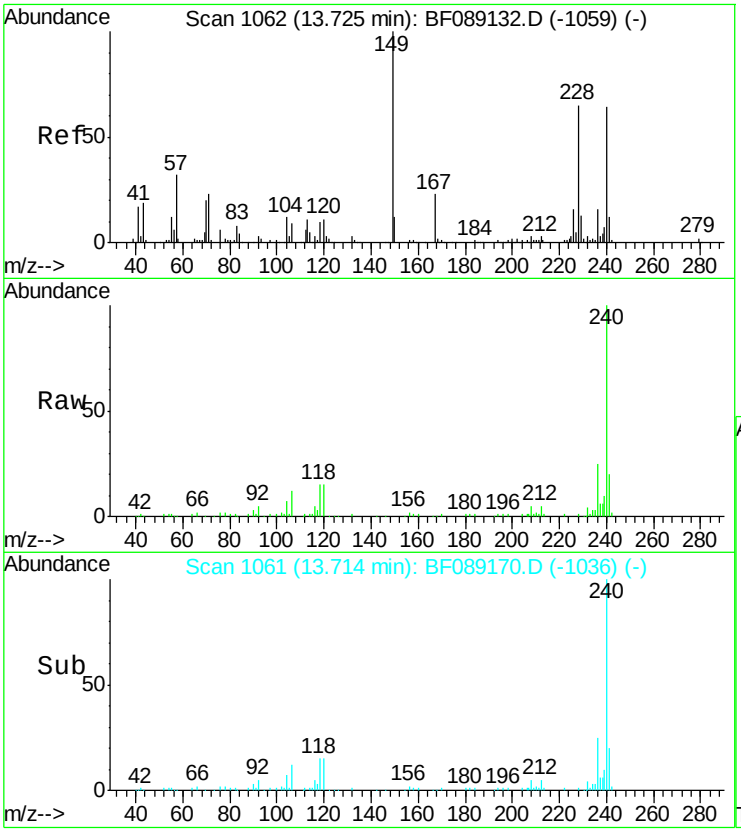


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Tgt Ion:188 Resp: 197731

Ion	Ratio	Lower	Upper
188	100		
94	12.0	7.0	10.4#
80	14.1	7.7	11.5#



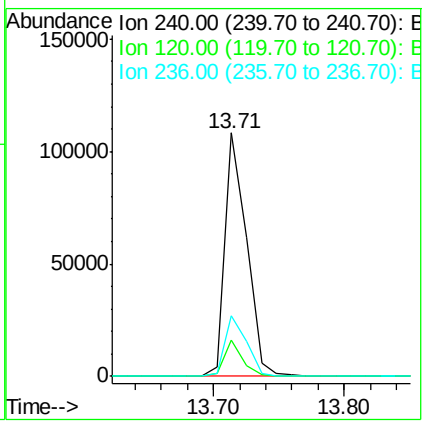


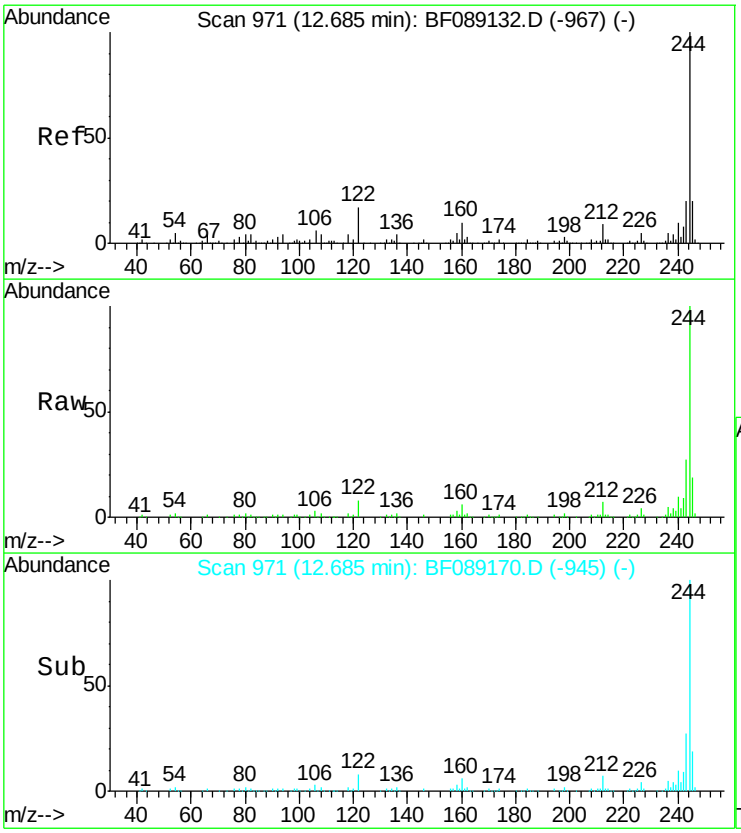
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.71 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 125094

Ion	Ratio	Lower	Upper
240	100		
120	14.9	13.6	20.4
236	24.9	20.5	30.7

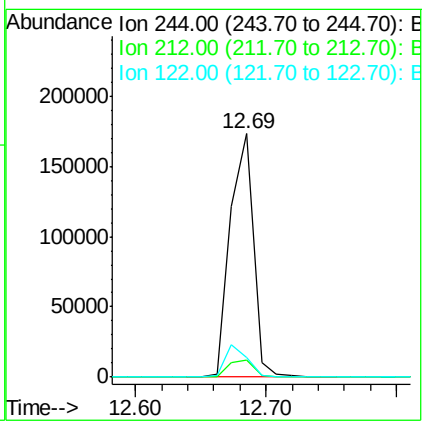


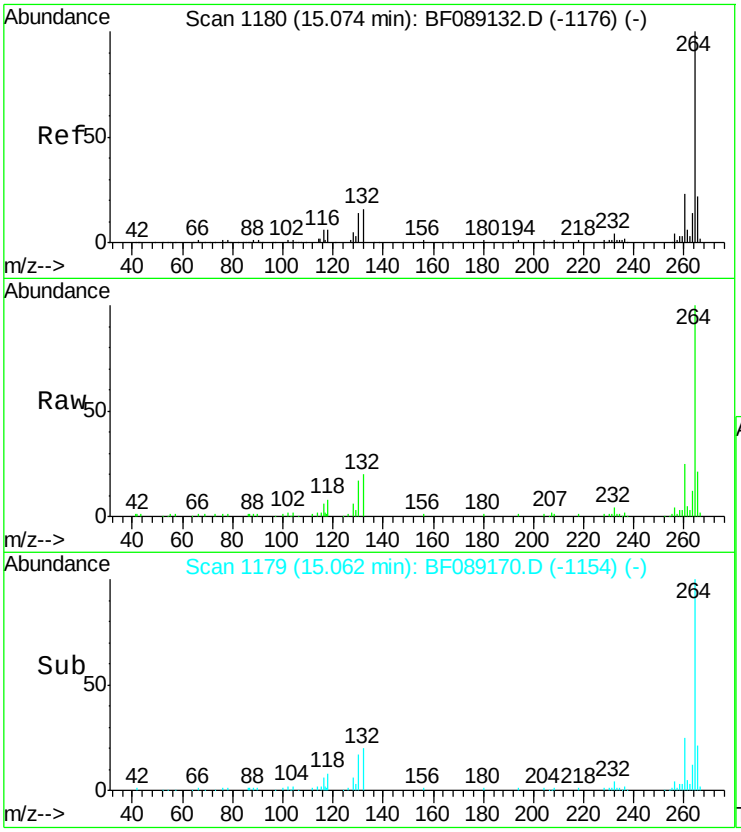


#78
Terphenyl-d14
Concen: 37.03 ng
RT: 12.69 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Tgt Ion:244 Resp: 213579

Ion	Ratio	Lower	Upper
244	100		
212	7.2	7.0	10.4
122	8.0	13.8	20.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.06 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF089170.D
Acq: 21 Jul 2016 10:15

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 90383

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.5	27.7
265	21.2	17.3	25.9