Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091209.D
Acq On : 17 Nov 2016 00:56
Operator : UM/SJ
Sample : H5659-01 4X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Nov 17 01:18:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 00:05:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	189580	20.00	ng	-0.01
21) Naphthalene-d8	7.90	136	782374	20.00	ng	-0.01
38) Acenaphthene-d10	9.65	164	430592	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	777634	20.00	ng	0.00
75) Chrysene-d12	13.77	240	578509	20.00	ng	-0.01
86) Perylene-d12	15.14	264	414012	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	176913	15.41	ng	0.00
7) Phenol-d6	6.27	99	283386	18.19	ng	-0.01
23) Nitrobenzene-d5	7.20	82	153778	10.72	ng	0.00
41) 2,4,6-Tribromophenol	10.45	330	46296	11.89	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	318211	12.72	ng	0.00
78) Terphenyl-d14	12.73	244	320677	13.83	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.20	82	159637	5.78	ng	# 67
49) Dimethylphthalate	9.39	163	87073	3.08	ng	98
50) 2,6-Dinitrotoluene	9.65	165	54919	9.08	ng	# 11
56) 2,4-Dinitrotoluene	9.65	165	54923	7.13	ng	# 26

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111616\
Data File : BF091209.D
Acq On : 17 Nov 2016 00:56
Operator : UM/SJ
Sample : H5659-01 4X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 17 01:18:19 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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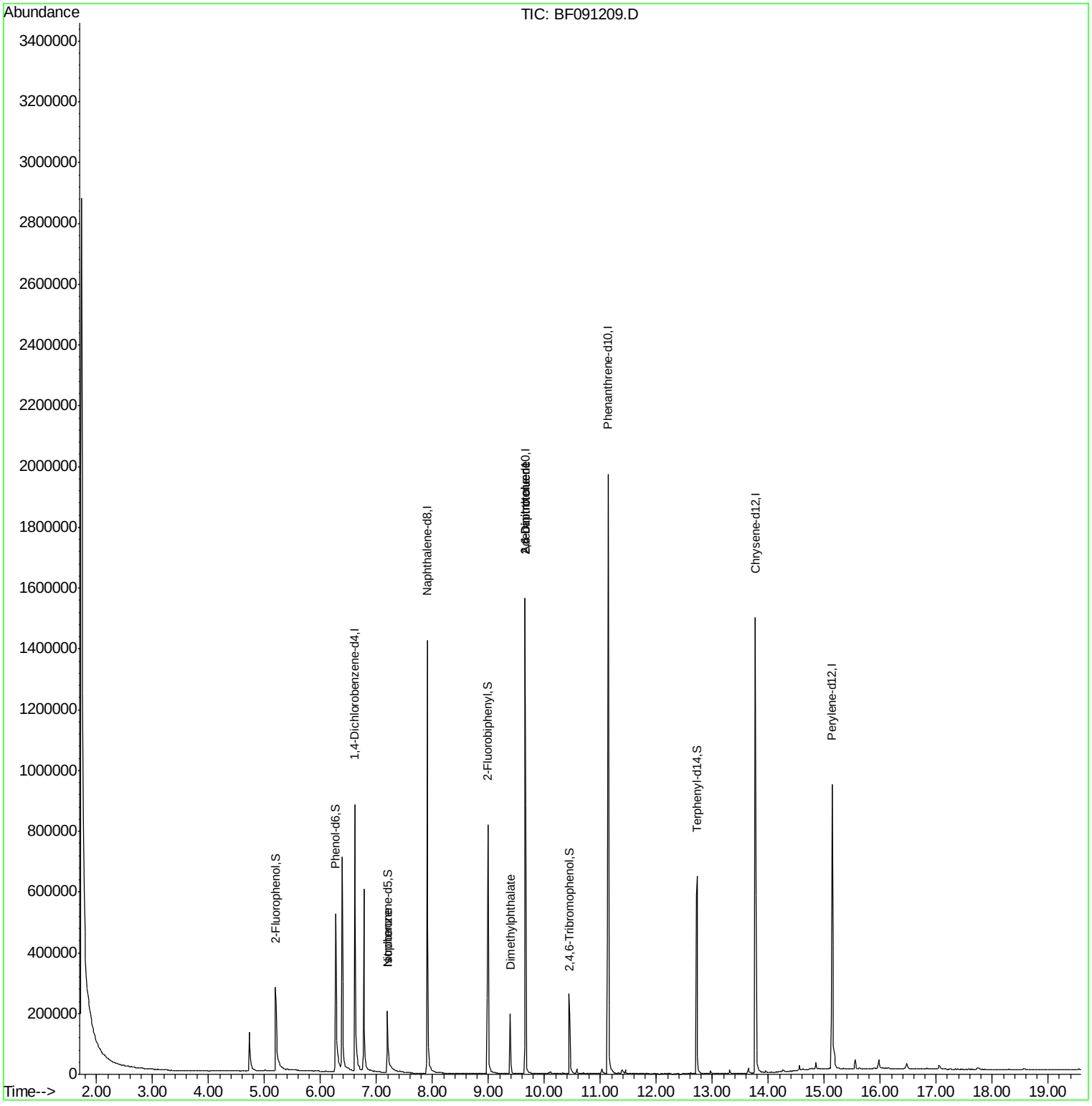
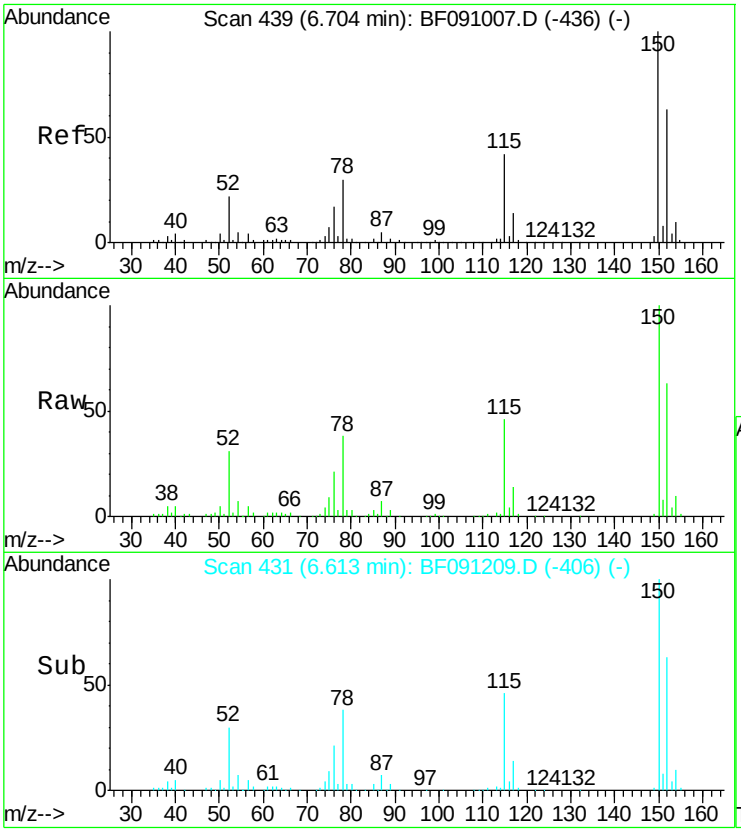


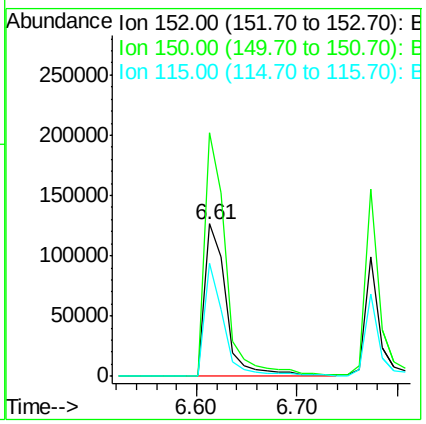


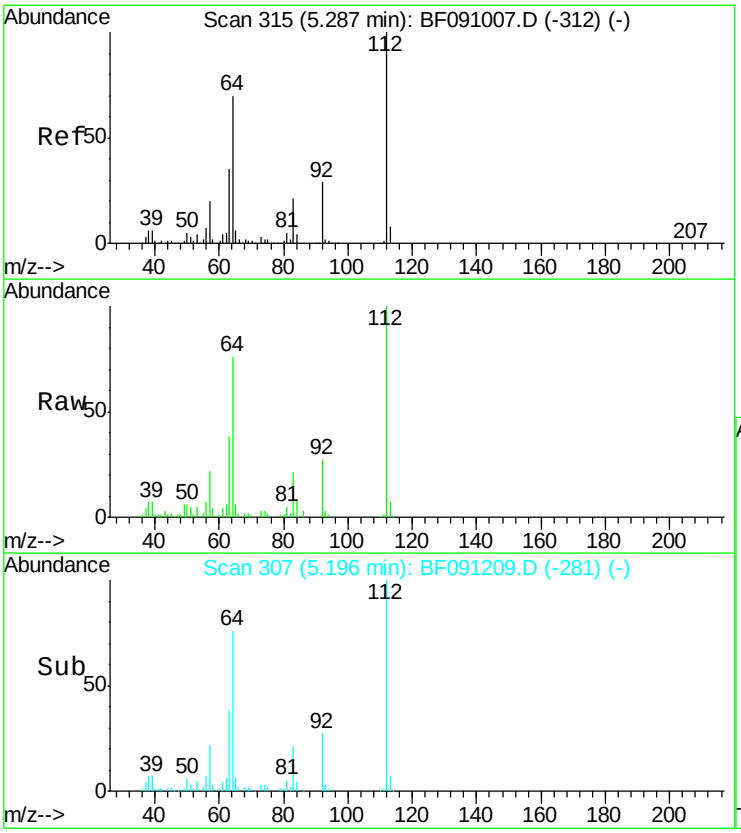
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.61 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 189580

Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.8	190.2
115	73.9	53.3	79.9

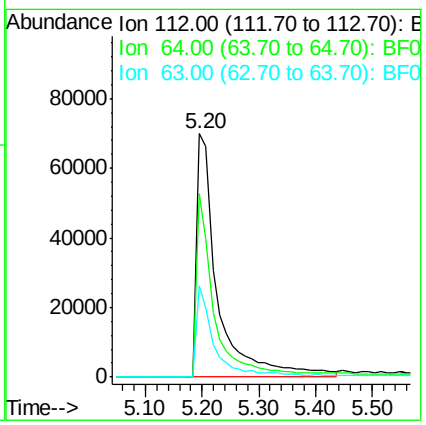


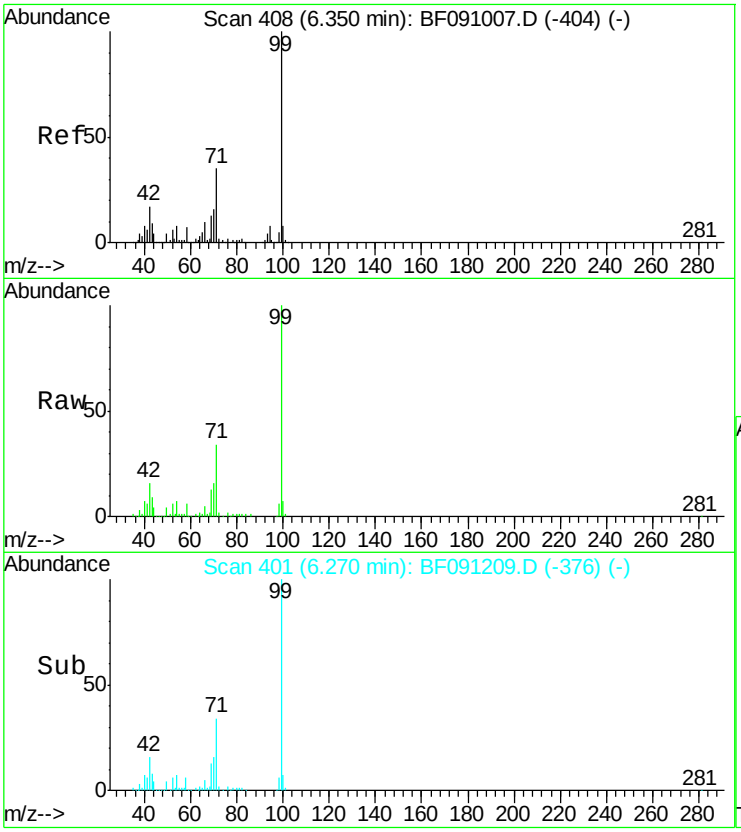


#5
2-Fluorophenol
Concen: 15.41 ng
RT: 5.20 min Scan# 307
Delta R.T. -0.00 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion:112 Resp: 176913

Ion	Ratio	Lower	Upper
112	100		
64	75.5	55.8	83.6
63	37.7	28.0	42.0



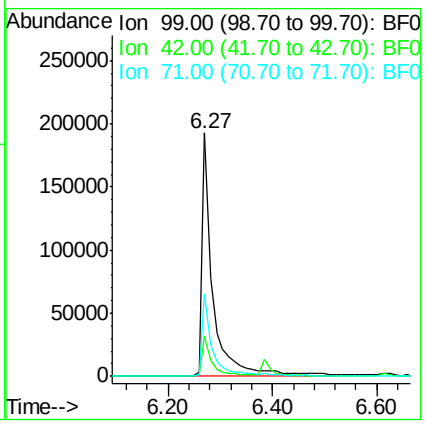


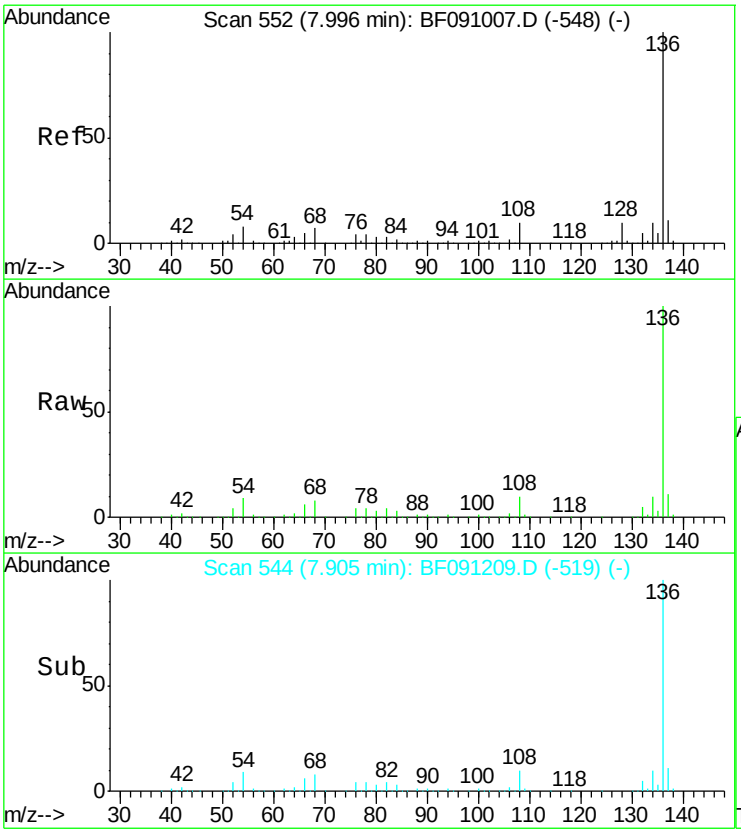
#7
Phenol-d6
Concen: 18.19 ng
RT: 6.27 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 283386

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.9	20.9
71	33.7	27.8	41.8

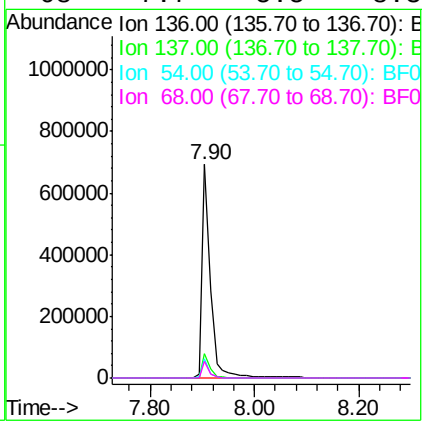


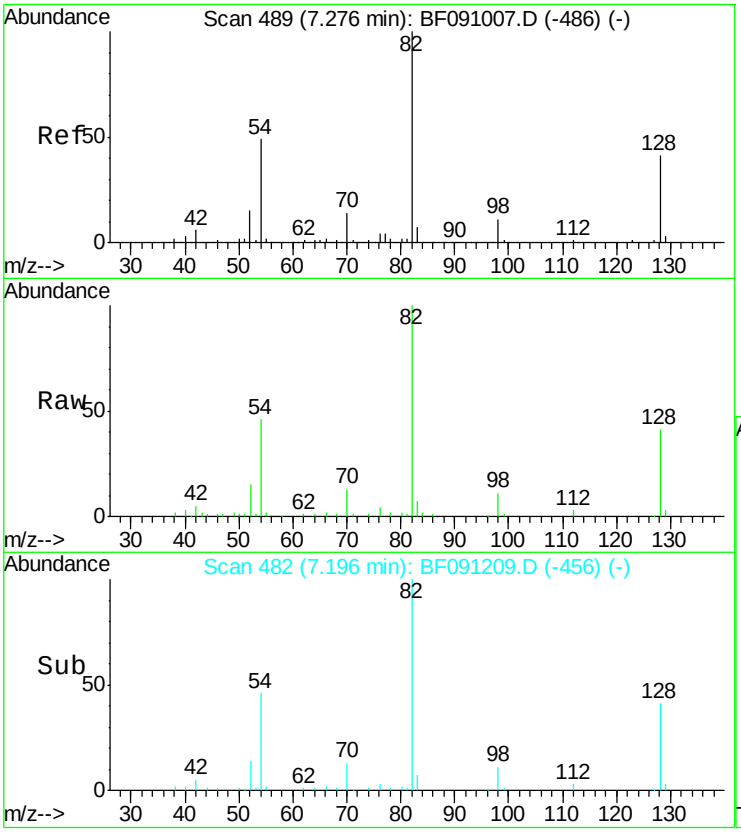


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion:136 Resp: 782374

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.8	6.2	9.2
68	7.7	5.5	8.3



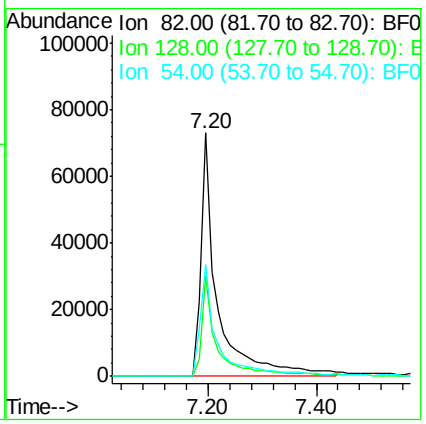


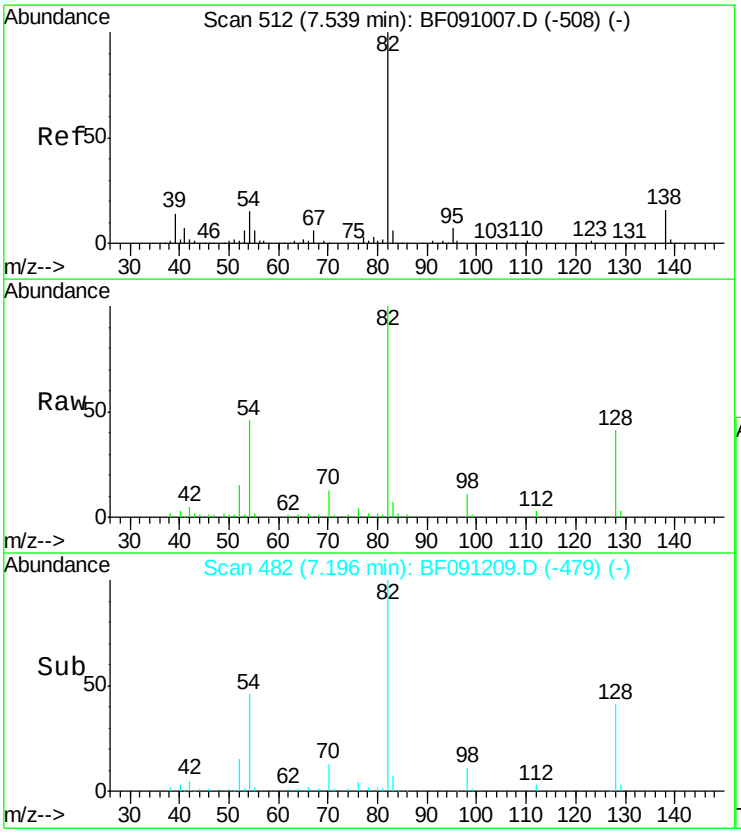
#23
Nitrobenzene-d5
Concen: 10.72 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 153778

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.4	48.6
54	46.0	39.2	58.8

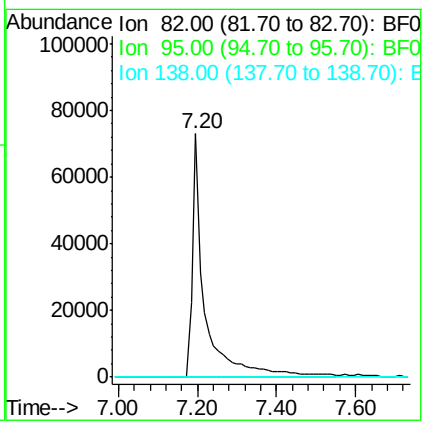


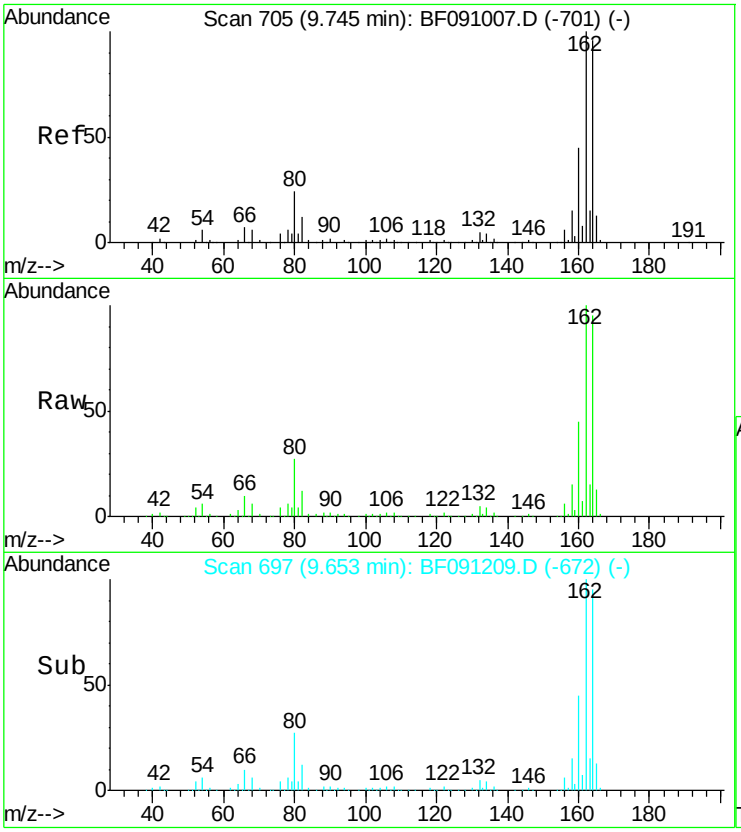


#25
Isophorone
Concen: 5.78 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.26 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion: 82 Resp: 159637

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#



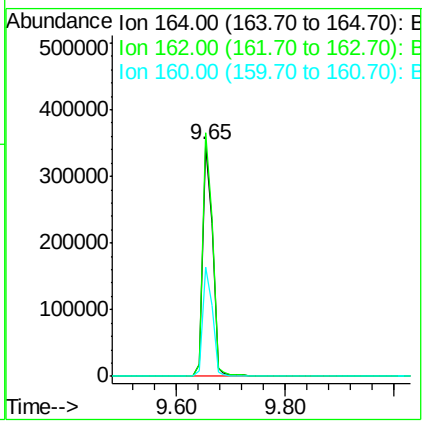


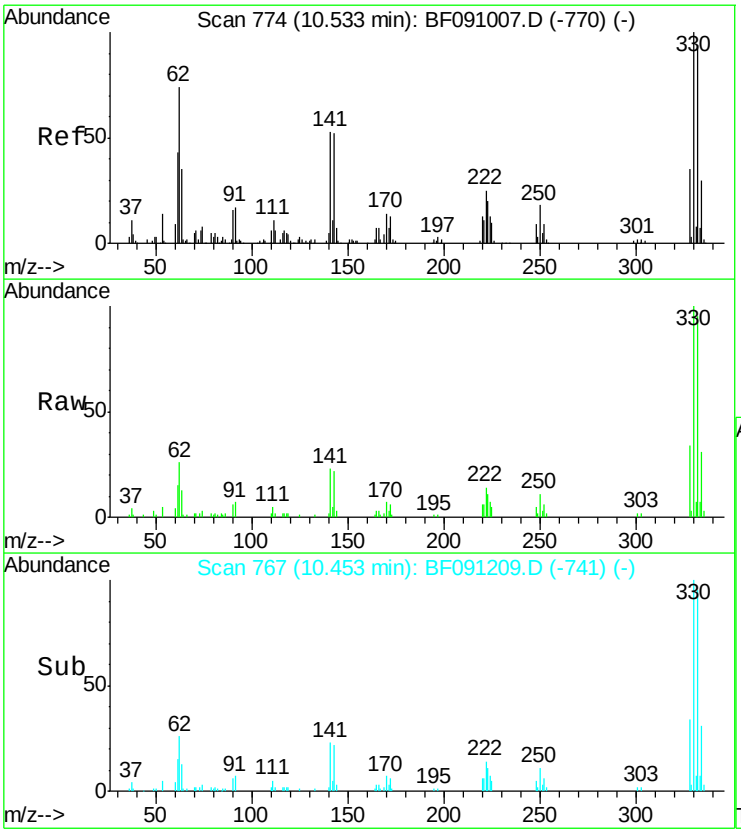
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 430592

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.6	125.4
160	47.0	37.9	56.9

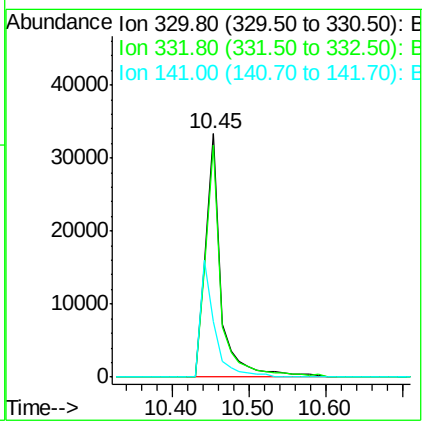


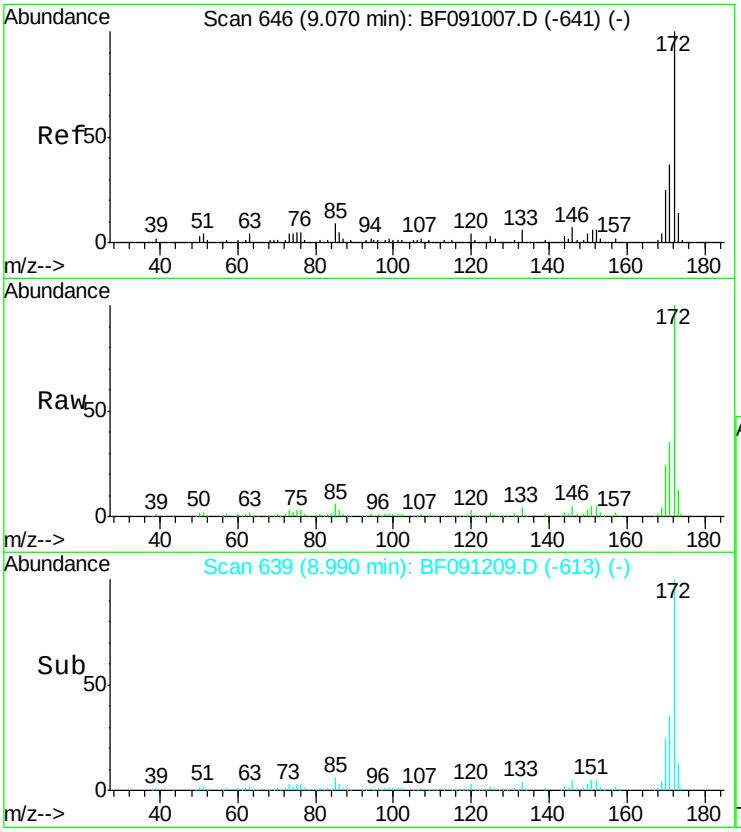


#41
2,4,6-Tribromophenol
Concen: 11.89 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion:330 Resp: 46296

Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.9	113.9
141	42.9	36.1	54.1



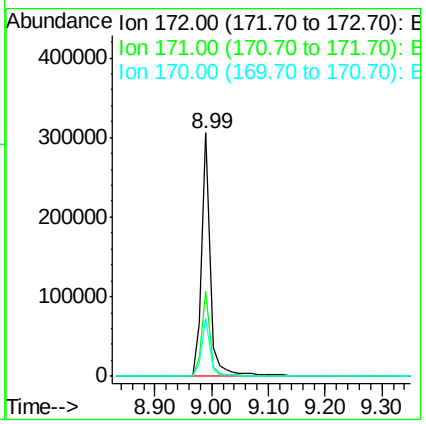


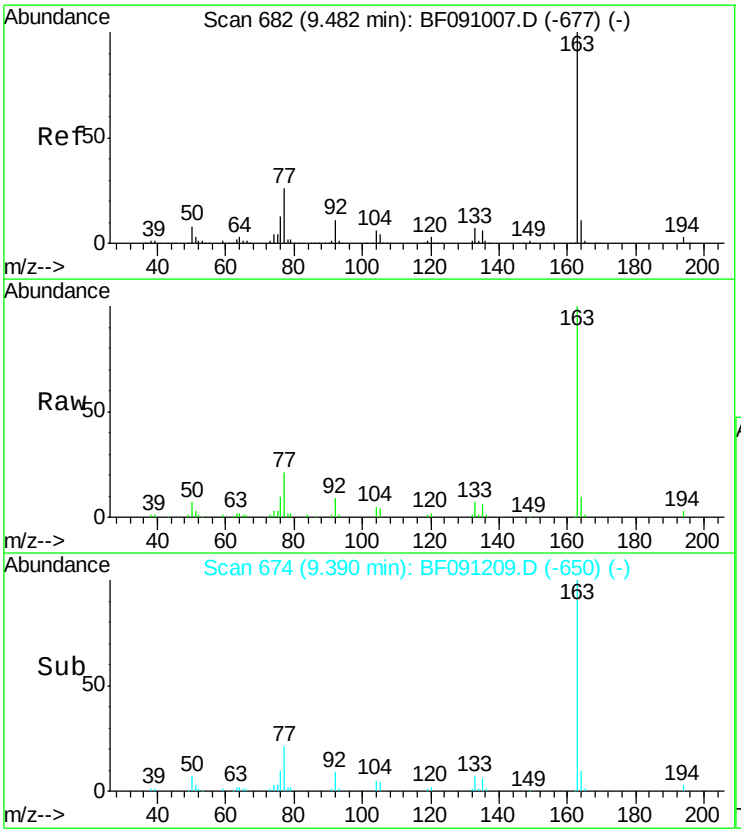
#44
2-Fluorobiphenyl
Concen: 12.72 ng
RT: 8.99 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 318211

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.8	44.6
170	24.1	20.3	30.5

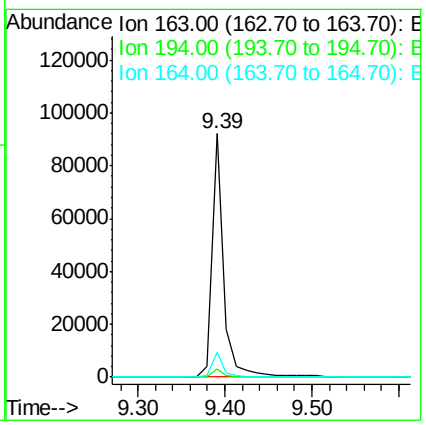


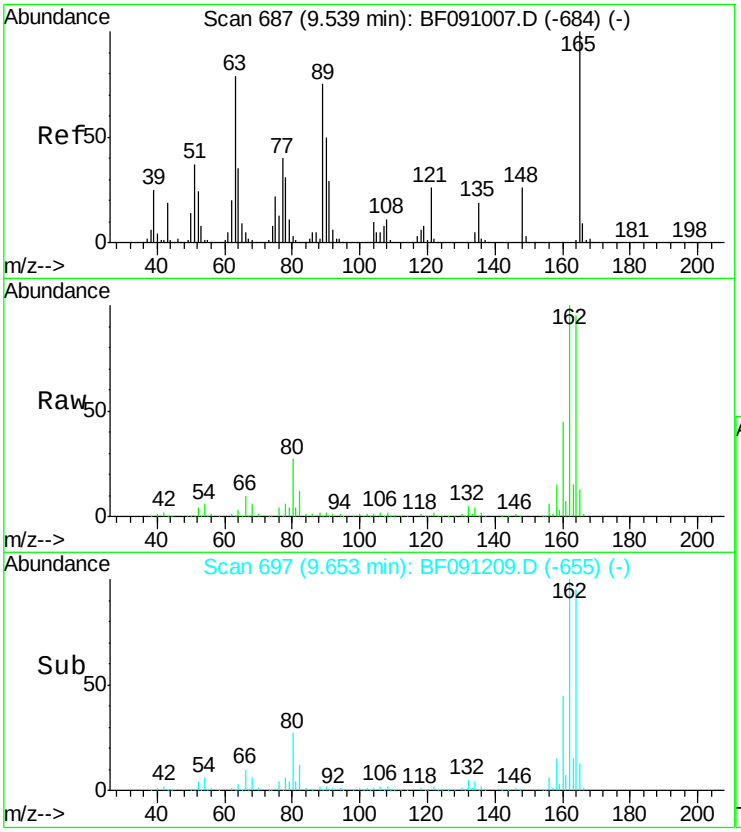


#49
Dimethylphthalate
Concen: 3.08 ng
RT: 9.39 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion:163 Resp: 87073

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.0	8.7	13.1



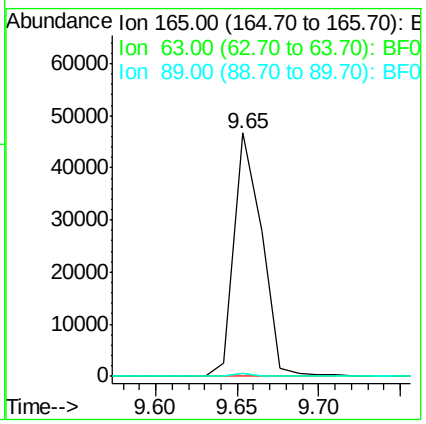


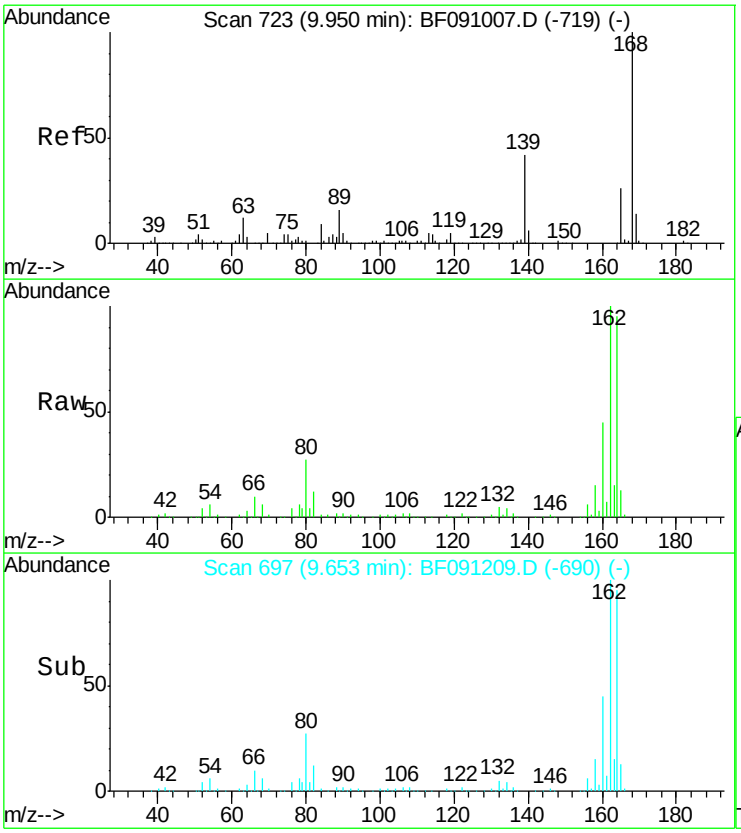
#50
2,6-Dinitrotoluene
Concen: 9.08 ng
RT: 9.65 min Scan# 697
Delta R.T. 0.18 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 54919

Ion	Ratio	Lower	Upper
165	100		
63	1.0	65.6	98.4#
89	1.0	59.8	89.6#

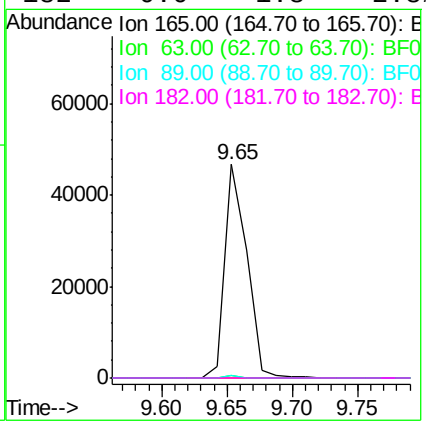


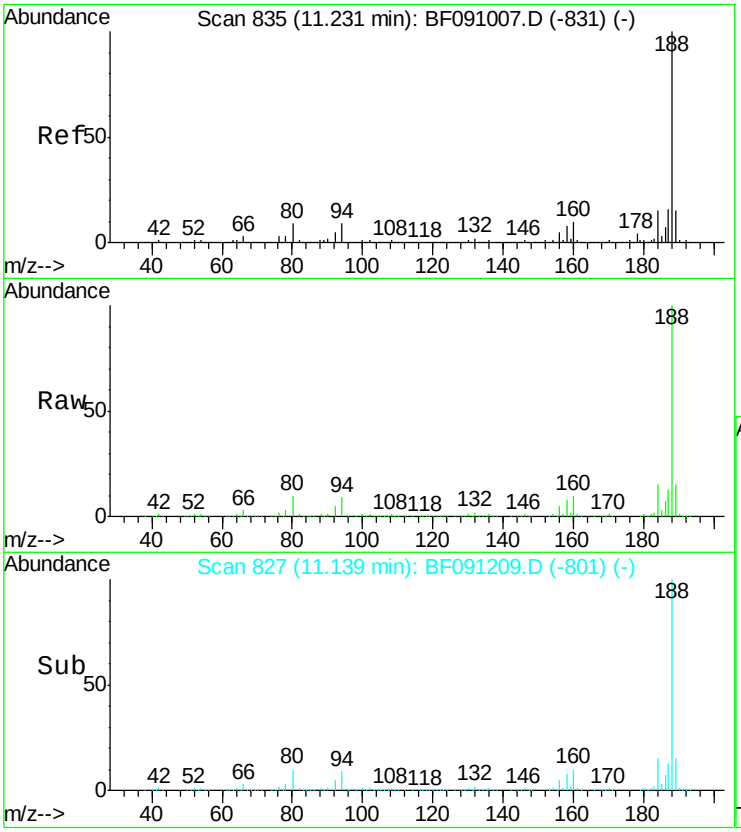


#56
2,4-Dinitrotoluene
Concen: 7.13 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.22 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion:165 Resp: 54923

Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.7	58.1#
89	1.0	50.6	76.0#
182	0.0	1.8	2.8#



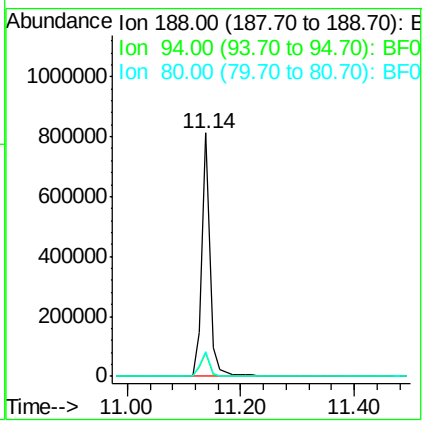


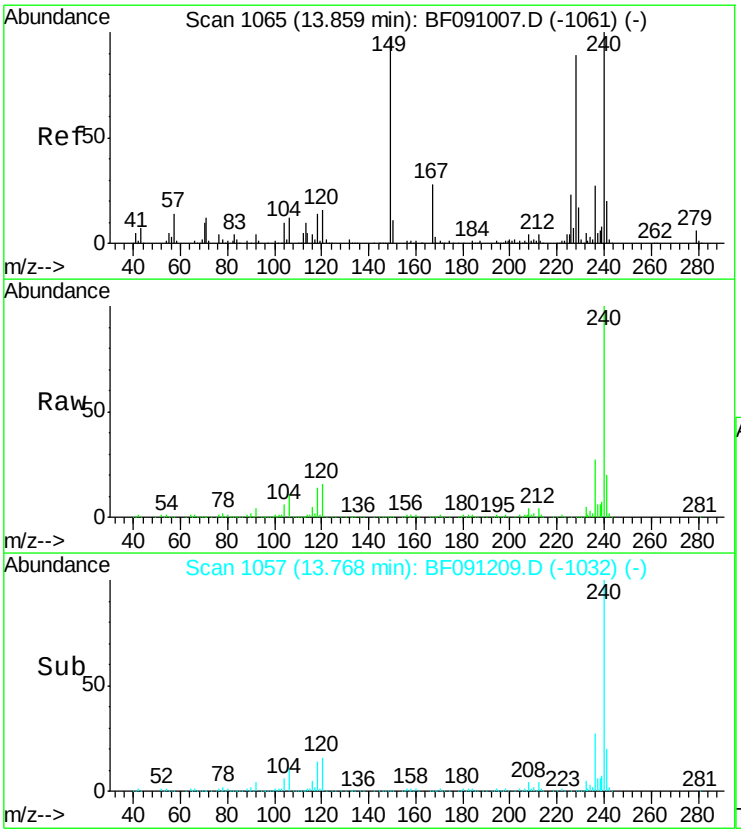
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 777634

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.4
80	10.0	7.5	11.3

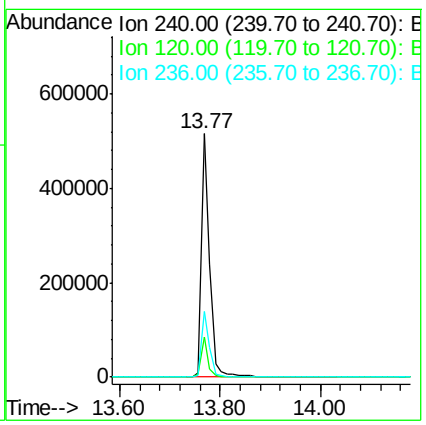


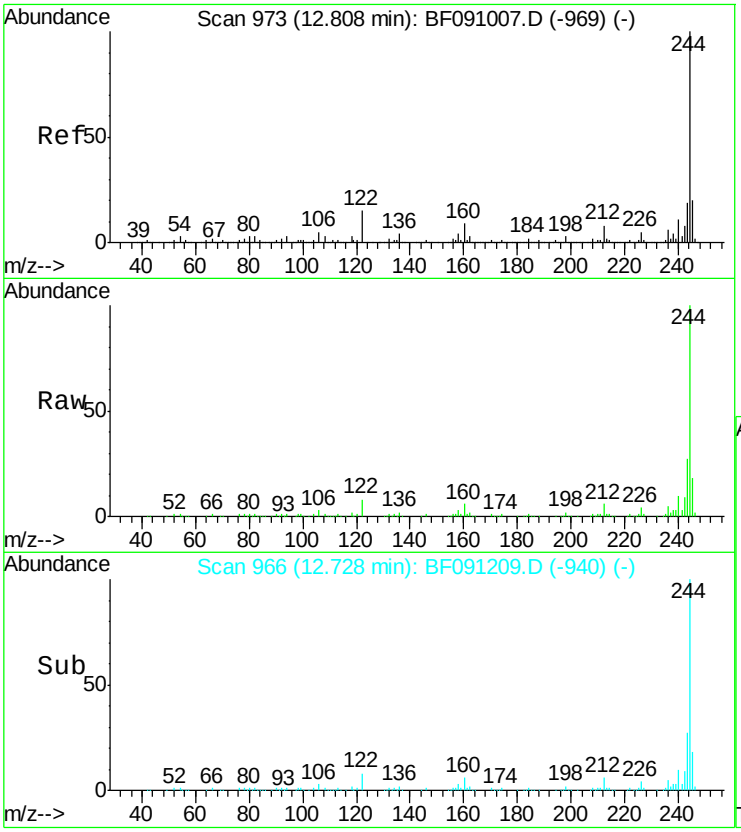


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion:240 Resp: 578509

Ion	Ratio	Lower	Upper
240	100		
120	16.4	12.9	19.3
236	27.2	21.9	32.9



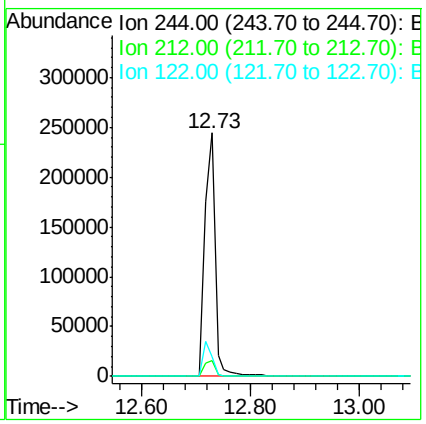


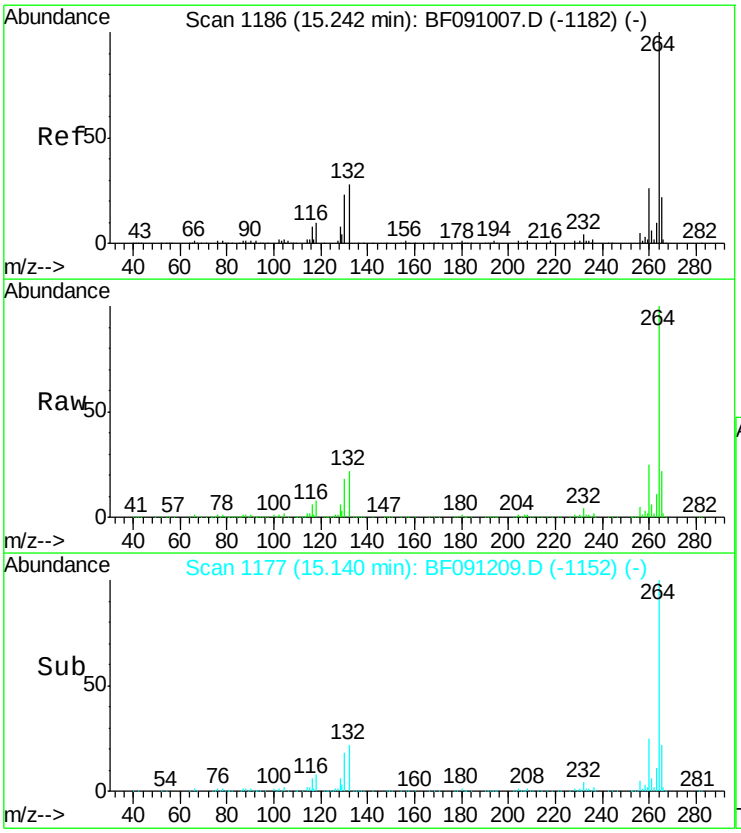
#78
Terphenyl-d14
Concen: 13.83 ng
RT: 12.73 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 320677

Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.4	9.6#
122	8.2	12.3	18.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF091209.D
Acq: 17 Nov 2016 00:56

Tgt Ion:264 Resp: 414012

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	22.2	17.8	26.8