Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111116\
Data File : BF091160.D
Acq On : 12 Nov 2016 00:25
Operator : UM/SJ
Sample : H5618-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1050-10STAGMAN

Quant Time: Nov 12 01:03:59 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	171925	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	403290	20.00	ng	-0.01
38) Acenaphthene-d10	9.70	164	243612	20.00	ng	0.00
63) Phenanthrene-d10	11.17	188	429798	20.00	ng	0.00
75) Chrysene-d12	13.79	240	340772	20.00	ng	-0.02
86) Perylene-d12	15.16	264	341085	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1131816	108.72	ng	0.00
7) Phenol-d6	6.30	99	1446563	102.38	ng	-0.01
23) Nitrobenzene-d5	7.22	82	949784	128.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.49	330	235441	106.90	ng	0.00
44) 2-Fluorobiphenyl	9.02	172	1147899	81.12	ng	-0.01
78) Terphenyl-d14	12.75	244	992857	72.71	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.32	94	67904	4.34	ng	# 61
49) Dimethylphthalate	9.42	163	272272	17.04	ng	# 96
77) Pyrene	12.60	202	151024	6.77	ng	96

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

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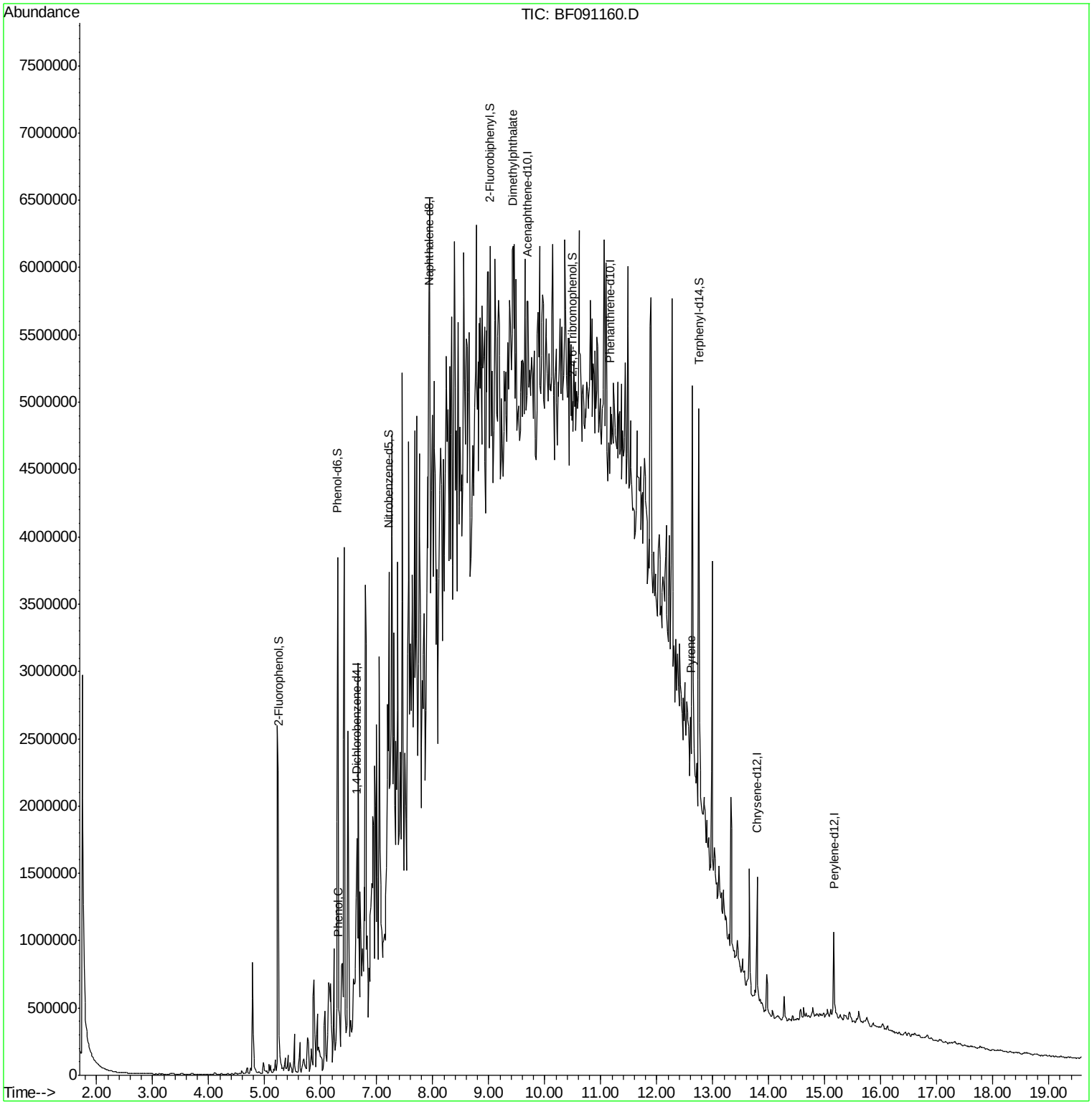
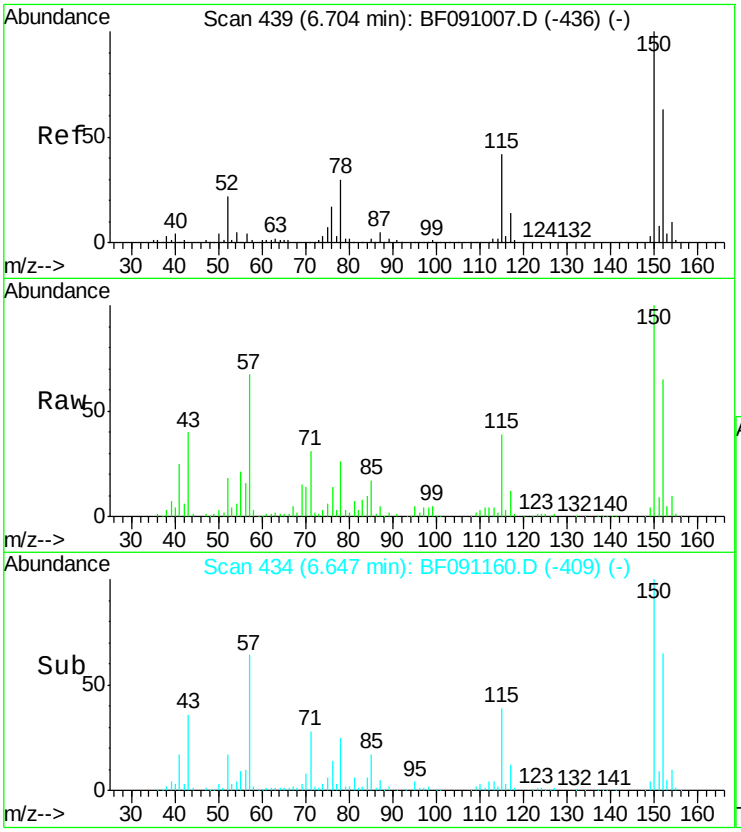


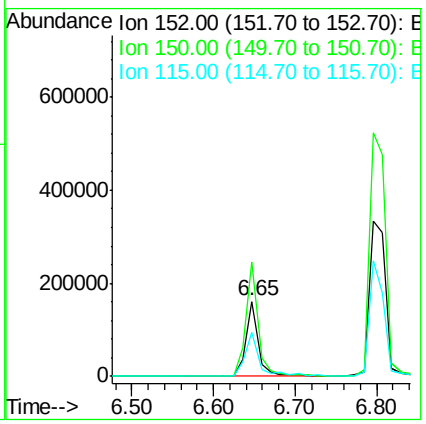


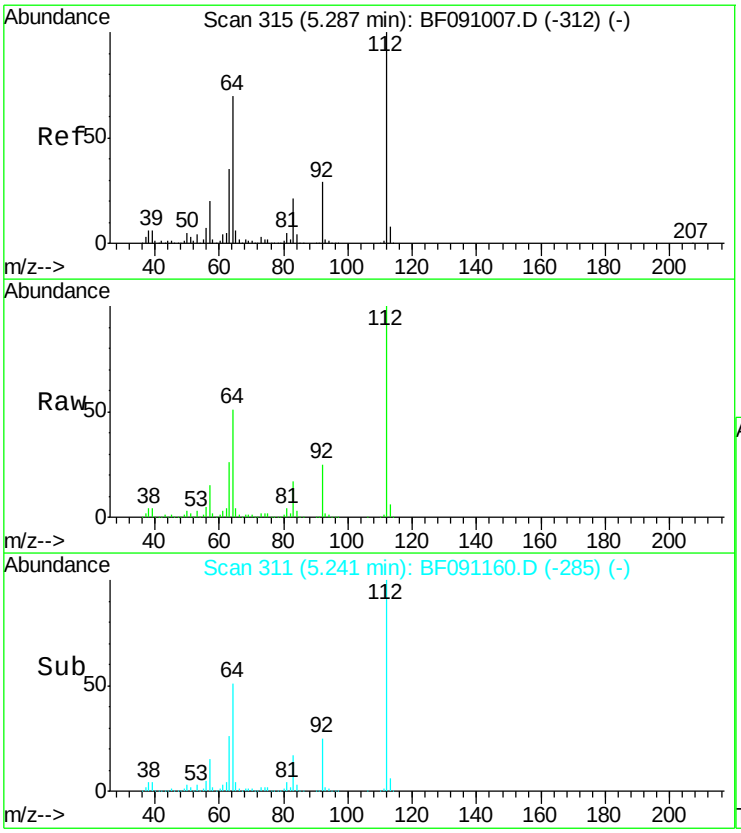
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.65 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Instrument :
BNA_F
ClientSampleId :
1050-10STAGMAN

Tgt Ion:152 Resp: 171925

Ion	Ratio	Lower	Upper
152	100		
150	153.3	126.8	190.2
115	59.3	53.3	79.9

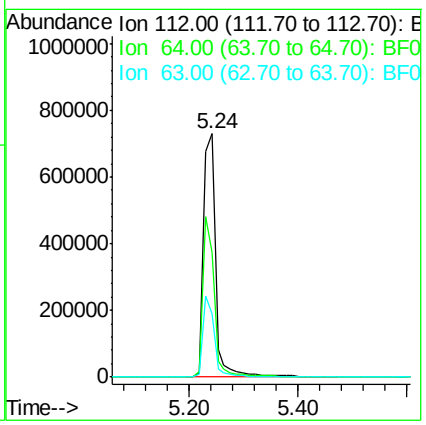


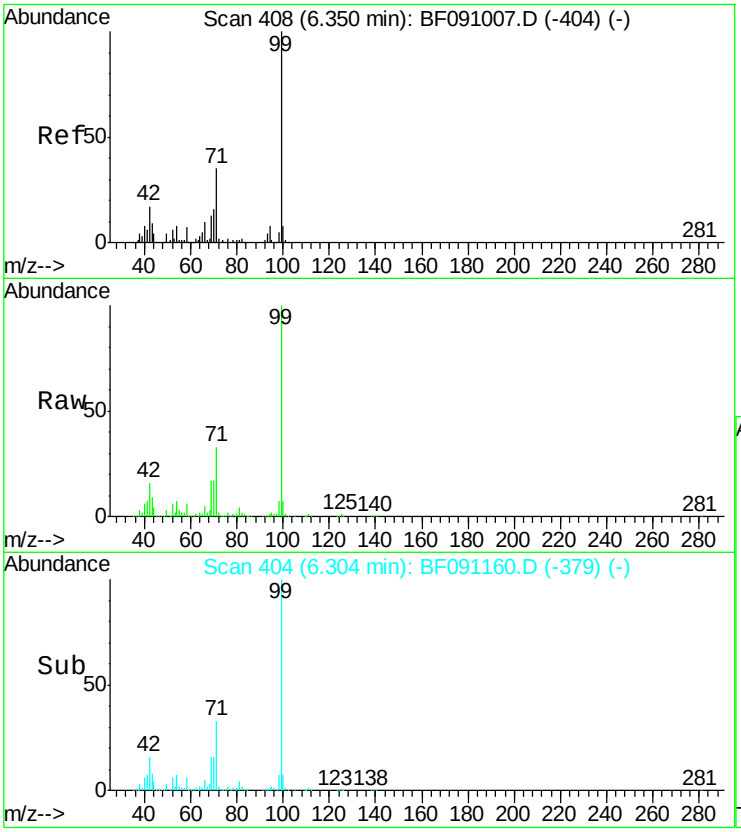


#5
2-Fluorophenol
Concen: 108.72 ng
RT: 5.24 min Scan# 311
Delta R.T. -0.00 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Tgt Ion:112 Resp: 1131816

Ion	Ratio	Lower	Upper
112	100		
64	51.2	55.8	83.6#
63	26.0	28.0	42.0#



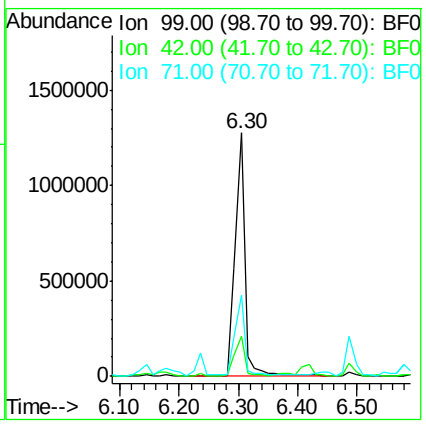


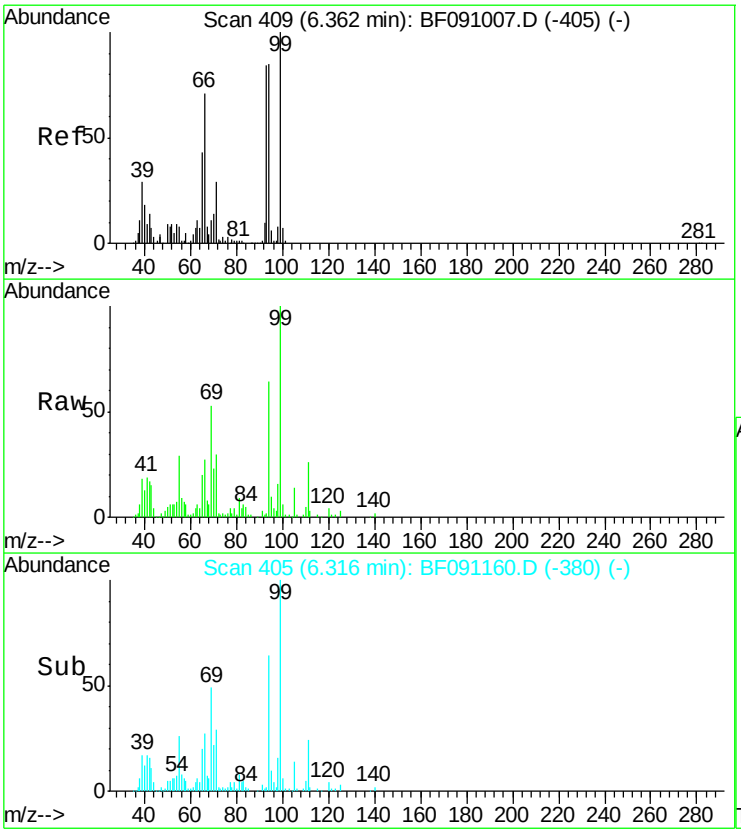
#7
Phenol-d6
Concen: 102.38 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Instrument :
BNA_F
ClientSampleId :
1050-10STAGMAN

Tgt Ion: 99 Resp: 1446563

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.9	20.9
71	33.4	27.8	41.8

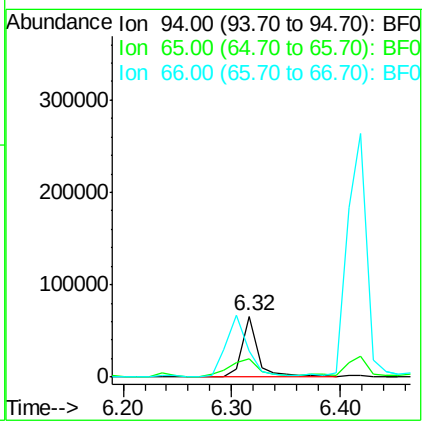


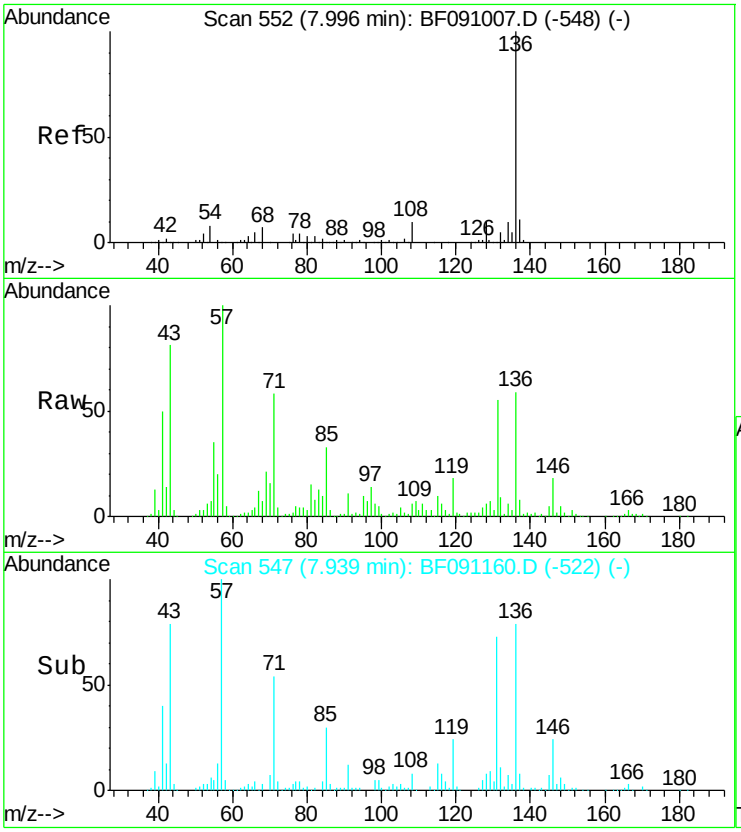


#10
Phenol
Concen: 4.34 ng
RT: 6.32 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Tgt Ion: 94 Resp: 67904

Ion	Ratio	Lower	Upper
94	100		
65	30.6	30.4	70.4
66	42.4	62.9	102.9#



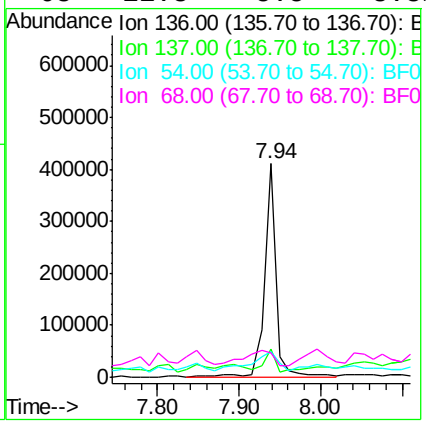


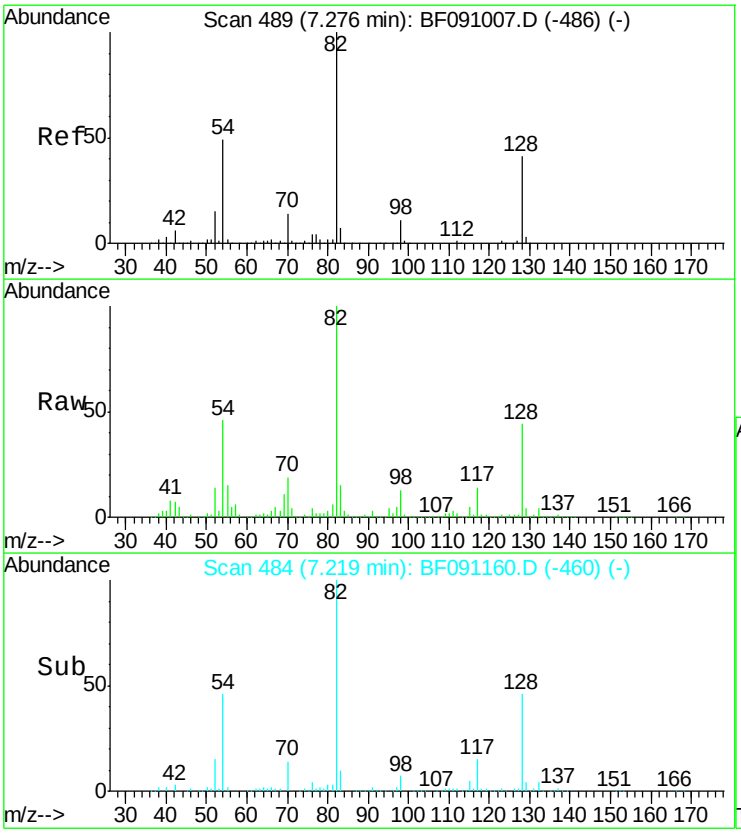
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.01 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Instrument :
BNA_F
ClientSampleId :
1050-10STAGMAN

Tgt Ion:136 Resp: 403290

Ion	Ratio	Lower	Upper
136	100		
137	13.0	8.9	13.3
54	12.0	6.2	9.2#
68	11.3	5.5	8.3#

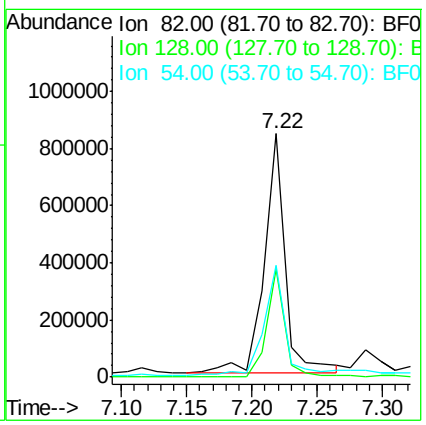


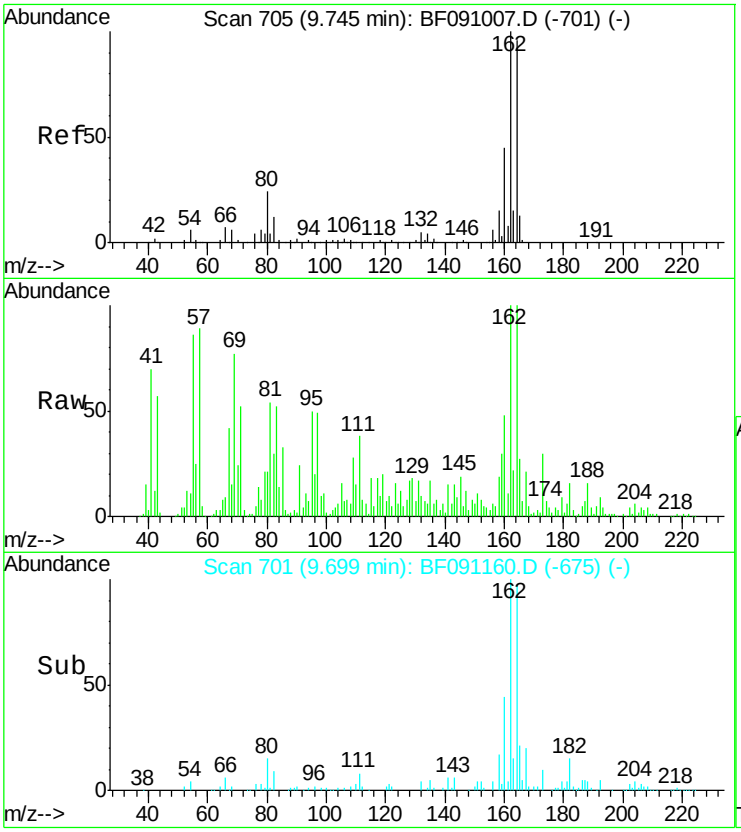


#23
Nitrobenzene-d5
Concen: 128.47 ng
RT: 7.22 min Scan# 484
Delta R.T. -0.02 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Tgt Ion: 82 Resp: 949784

Ion	Ratio	Lower	Upper
82	100		
128	44.3	32.4	48.6
54	45.8	39.2	58.8



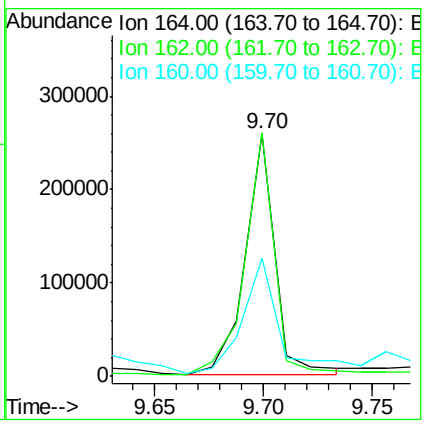


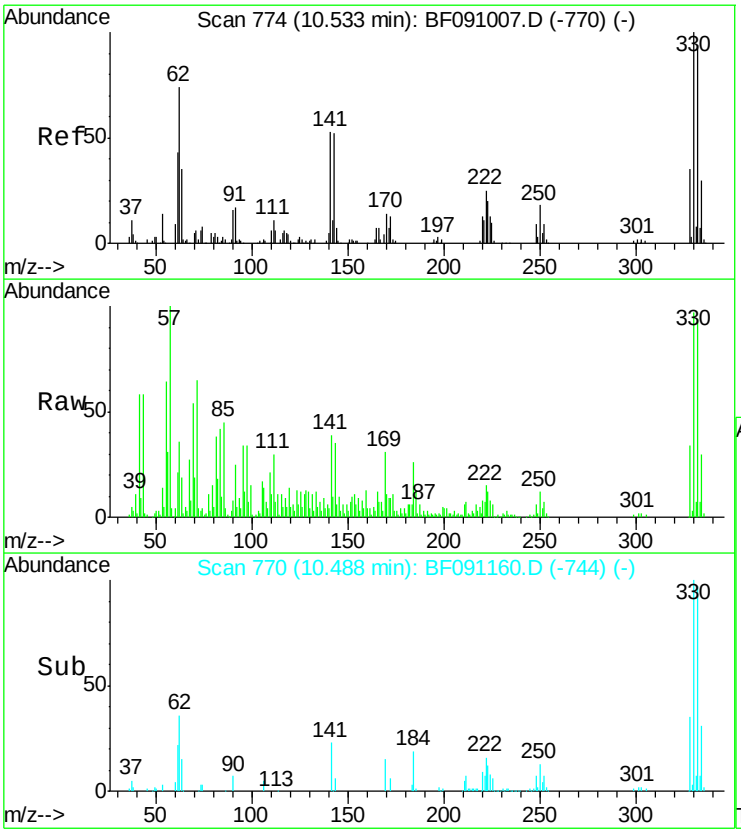
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Instrument :
BNA_F
ClientSampleId :
1050-10STAGMAN

Tgt Ion:164 Resp: 243612

Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.6	125.4
160	48.7	37.9	56.9

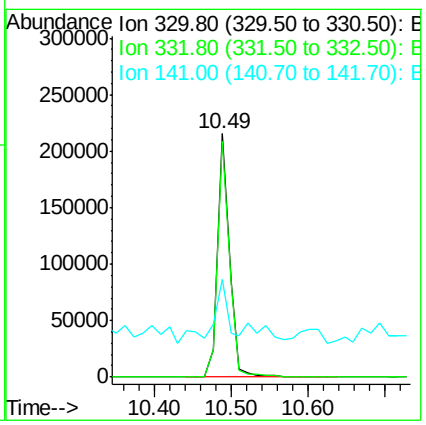


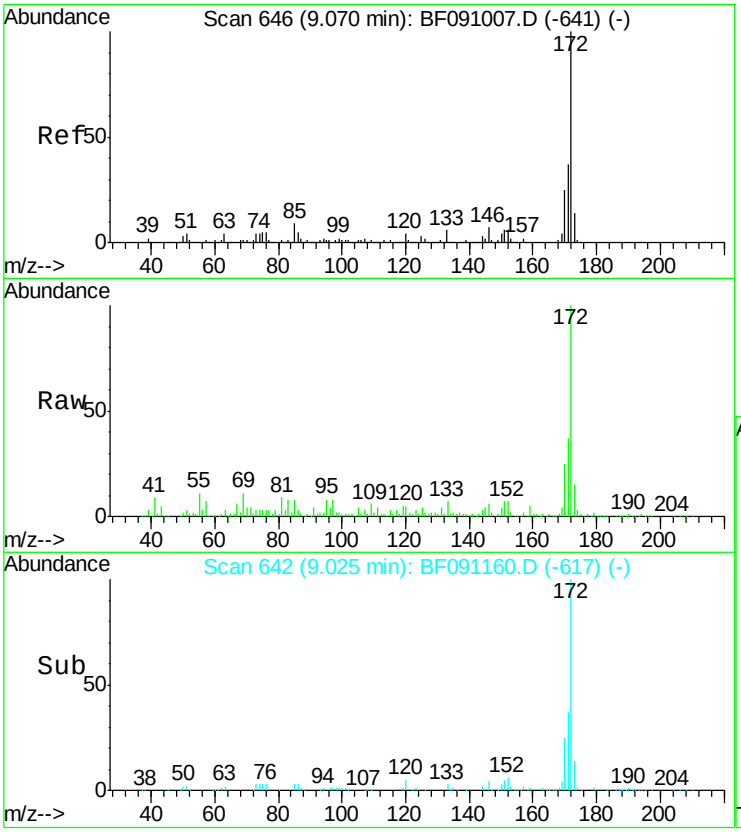


#41
2,4,6-Tribromophenol
Concen: 106.90 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Tgt Ion:330 Resp: 235441

Ion	Ratio	Lower	Upper
330	100		
332	97.1	75.9	113.9
141	34.2	36.1	54.1#



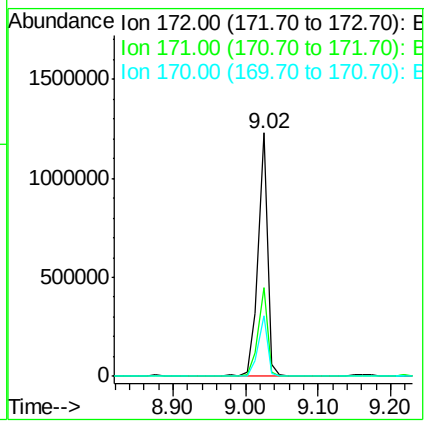


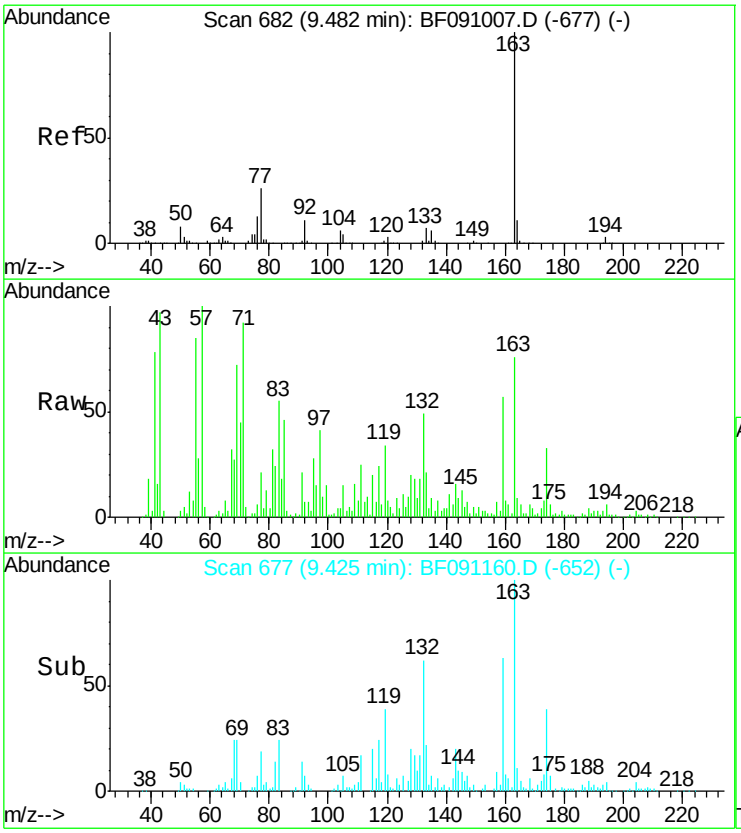
#44
2-Fluorobiphenyl
Concen: 81.12 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Instrument :
BNA_F
ClientSampleId :
1050-10STAGMAN

Tgt Ion:172 Resp: 1147899

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.8	44.6
170	24.9	20.3	30.5

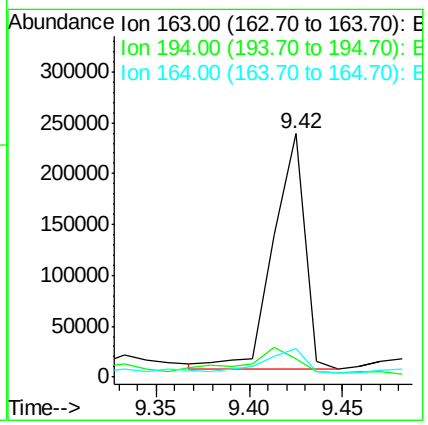


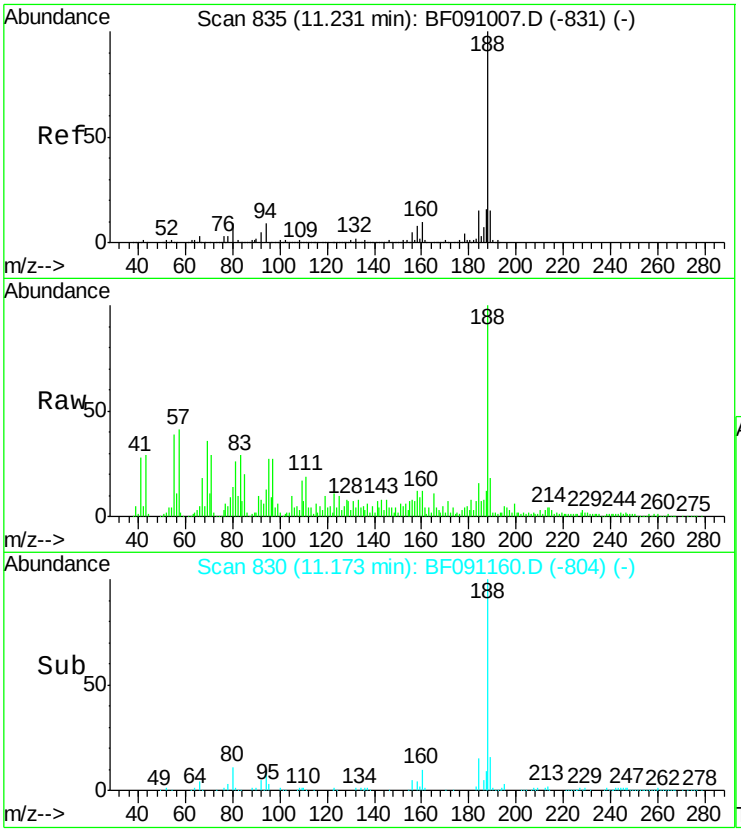


#49
Dimethylphthalate
Concen: 17.04 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Tgt Ion:163 Resp: 272272

Ion	Ratio	Lower	Upper
163	100		
194	7.5	2.6	4.0#
164	11.5	8.7	13.1



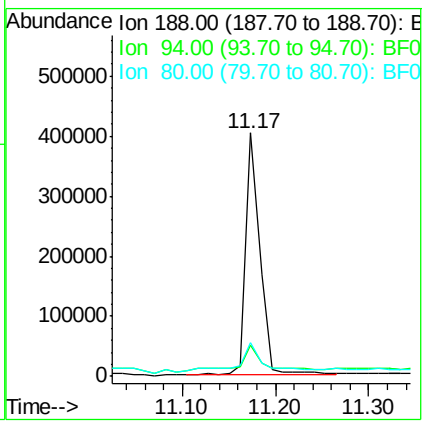


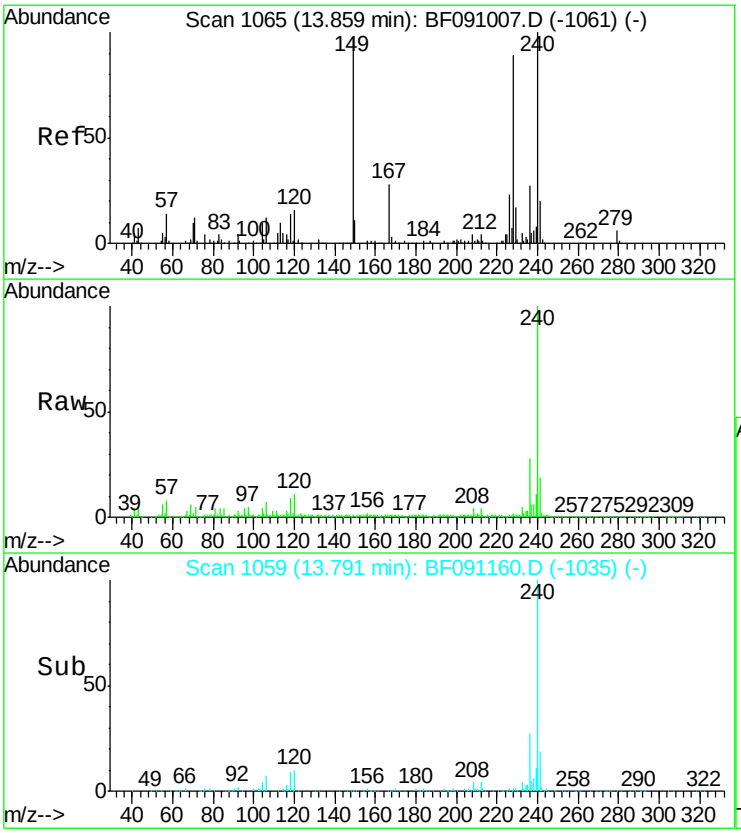
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Instrument :
BNA_F
ClientSampleId :
1050-10STAGMAN

Tgt Ion:188 Resp: 429798

Ion	Ratio	Lower	Upper
188	100		
94	13.0	7.0	10.4#
80	13.7	7.5	11.3#

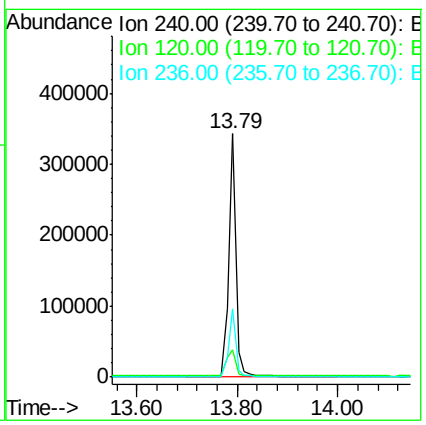


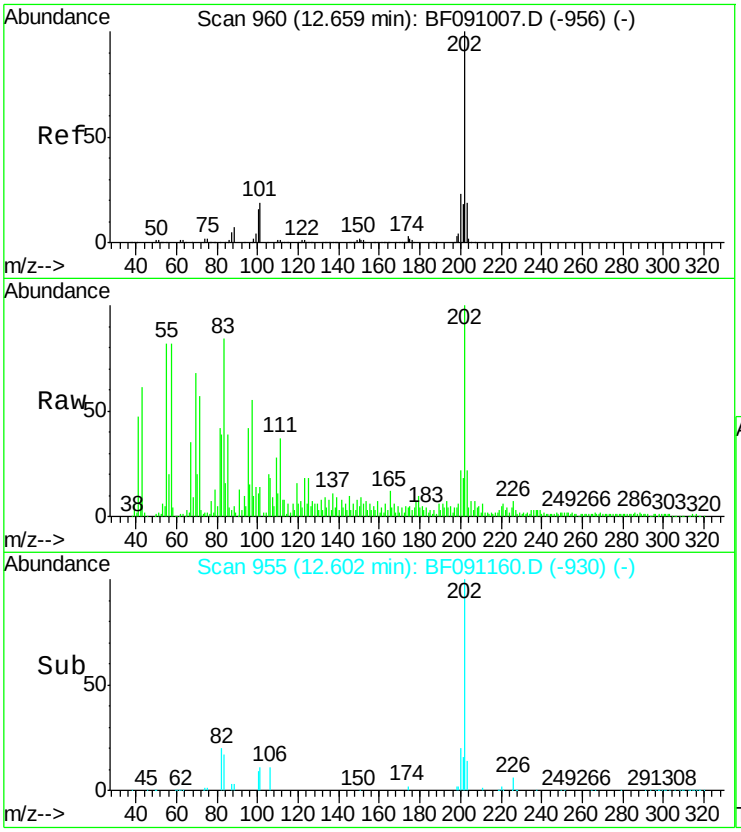


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Tgt Ion:240 Resp: 340772

Ion	Ratio	Lower	Upper
240	100		
120	11.0	12.9	19.3#
236	27.8	21.9	32.9



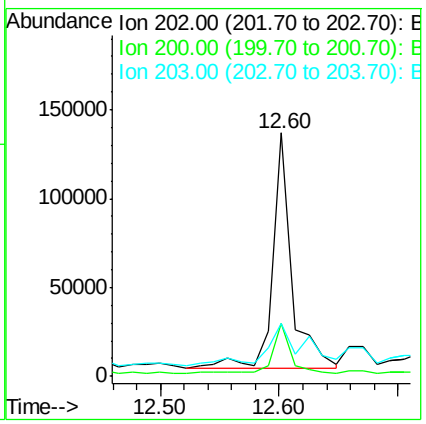


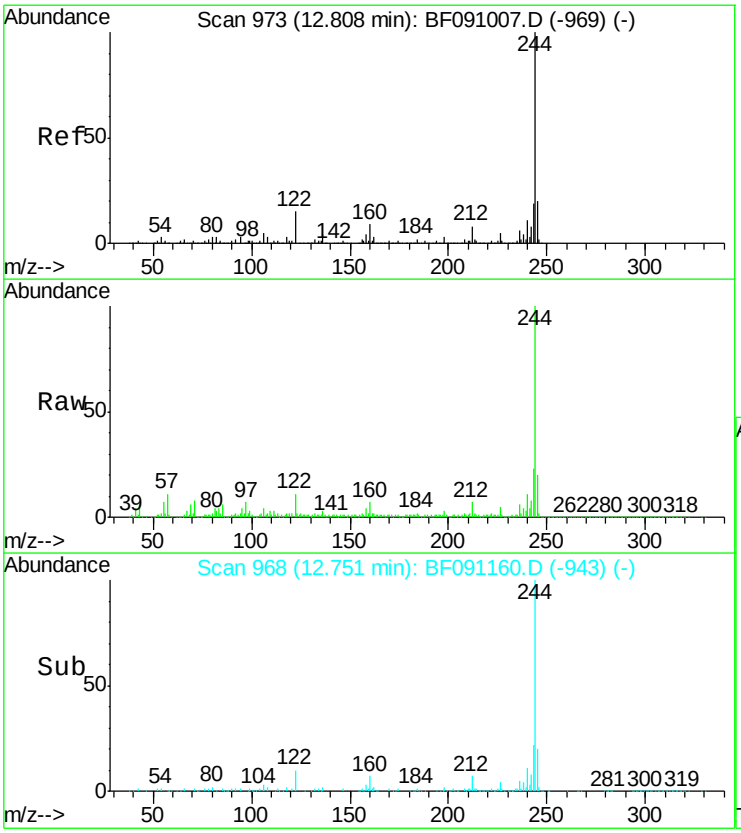
#77
Pyrene
Concen: 6.77 ng
RT: 12.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Instrument :
BNA_F
ClientSampleId :
1050-10STAGMAN

Tgt Ion:202 Resp: 151024

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.4	27.6
203	21.6	15.0	22.6

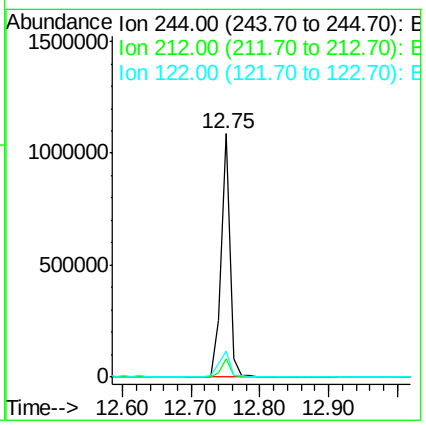


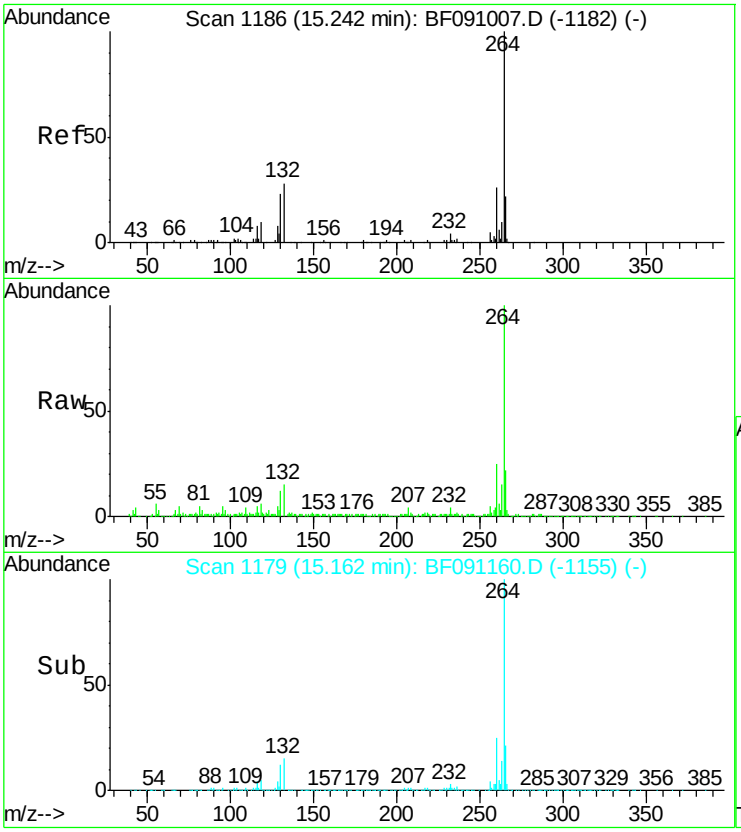


#78
Terphenyl-d14
Concen: 72.71 ng
RT: 12.75 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Tgt Ion:244 Resp: 992857

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.4	9.6
122	10.9	12.3	18.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1179
Delta R.T. -0.02 min
Lab File: BF091160.D
Acq: 12 Nov 2016 00:25

Instrument :
BNA_F
ClientSampleId :
1050-10STAGMAN

Tgt Ion:264 Resp: 341085

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	21.8	17.8	26.8