Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091697.D
Acq On : 17 Dec 2016 2:31
Operator : UM/SJ
Sample : H5940-09
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS05-1FT

Quant Time: Dec 17 04:46:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	235013	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	966793	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	418210	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	585516	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	512642	20.00	ng	-0.01
86) Perylene-d12	15.33	264	378672	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1979776	141.92	ng	0.01
7) Phenol-d6	6.43	99	2526424	145.28	ng	0.00
23) Nitrobenzene-d5	7.34	82	1592102	91.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	355901	102.46	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	2085575	86.17	ng	-0.01
78) Terphenyl-d14	12.88	244	1545354	68.40	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.44	94	44633	2.20	ng	# 72
49) Dimethylphthalate	9.54	163	955321	36.08	ng	100

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

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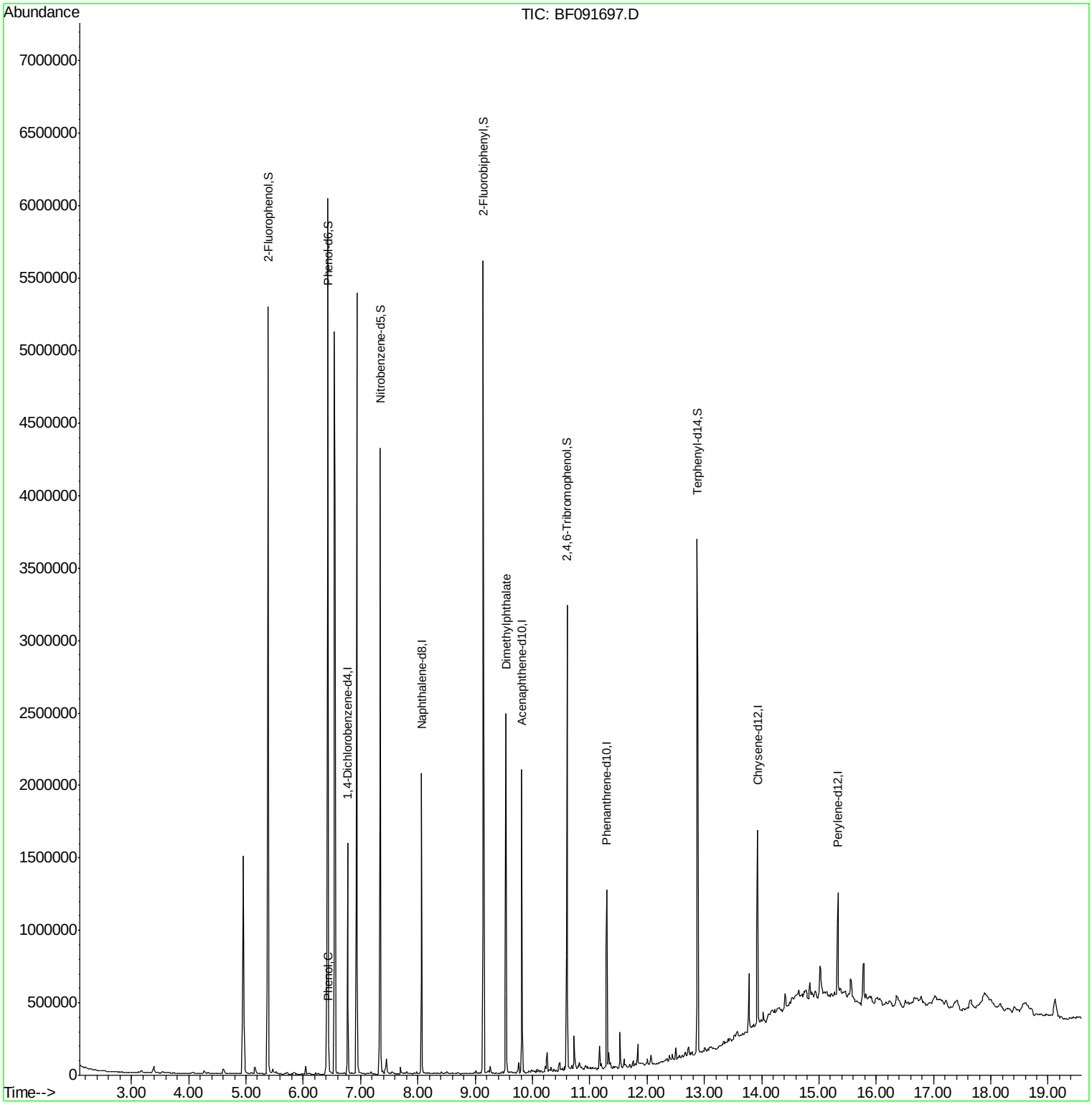
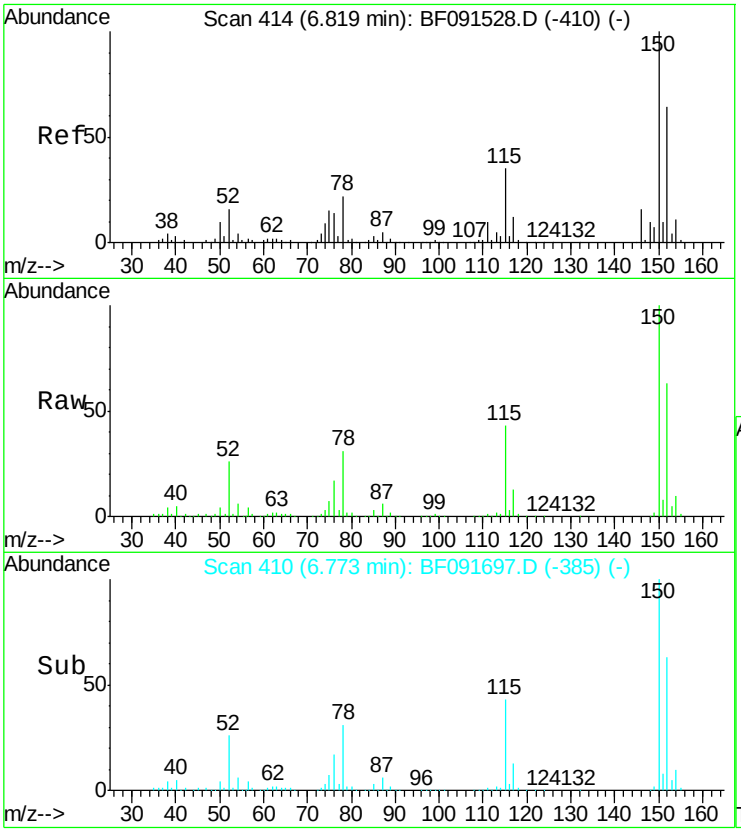


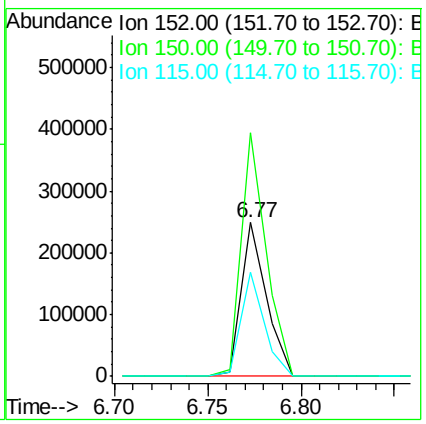


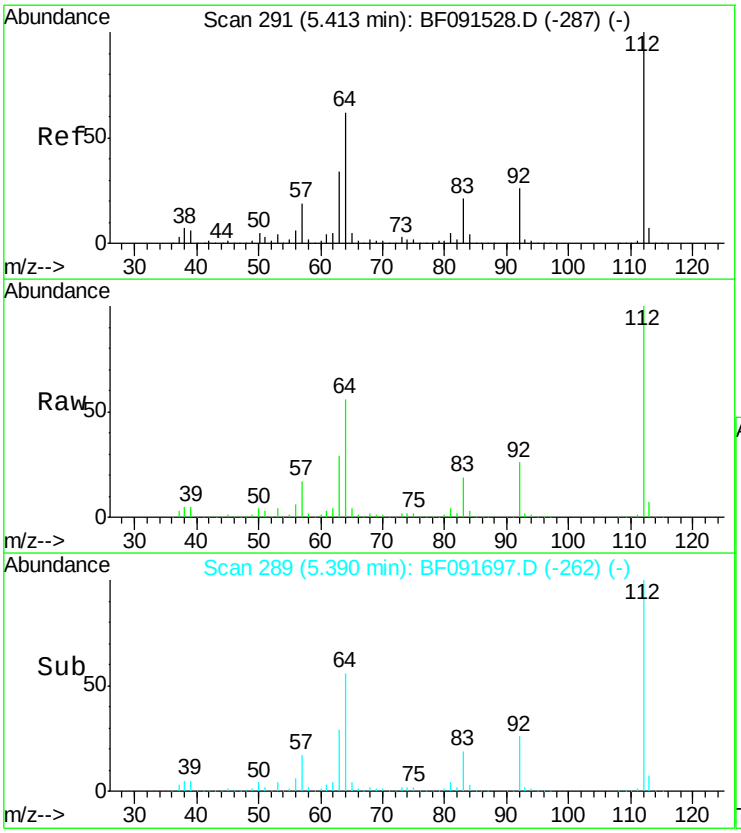
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tgt Ion:152 Resp: 235013

Ion	Ratio	Lower	Upper
152	100		
150	158.1	122.5	183.7
115	67.8	51.8	77.8

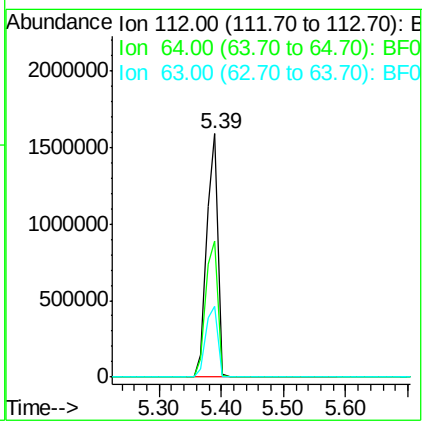


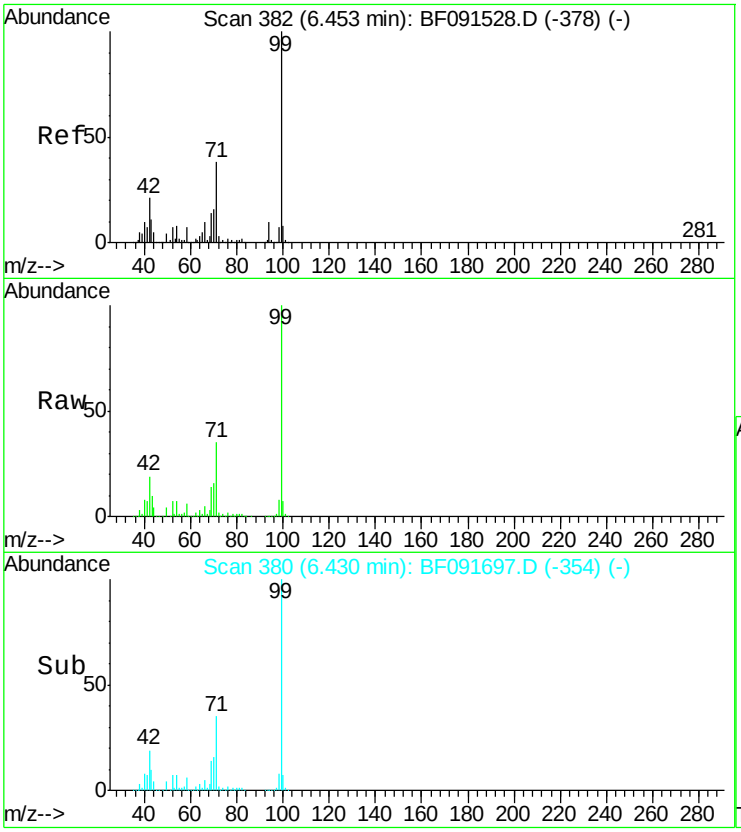


#5
2-Fluorophenol
Concen: 141.92 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Tgt Ion:112 Resp: 1979776

Ion	Ratio	Lower	Upper
112	100		
64	56.1	61.5	92.3#
63	29.2	33.3	49.9#



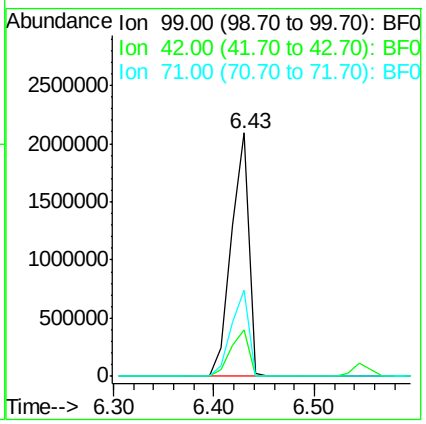


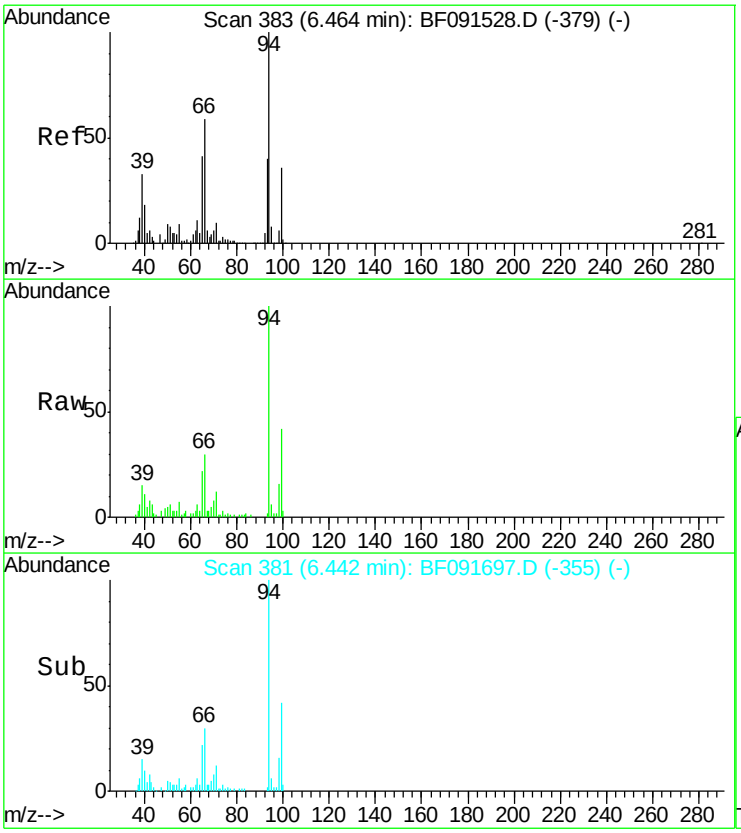
#7
Phenol-d6
Concen: 145.28 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tgt Ion: 99 Resp: 2526424

Ion	Ratio	Lower	Upper
99	100		
42	19.2	20.6	31.0#
71	35.3	29.9	44.9

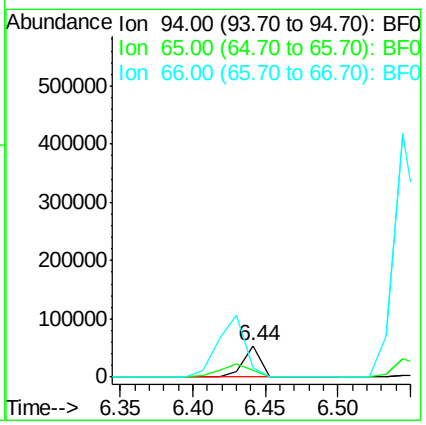


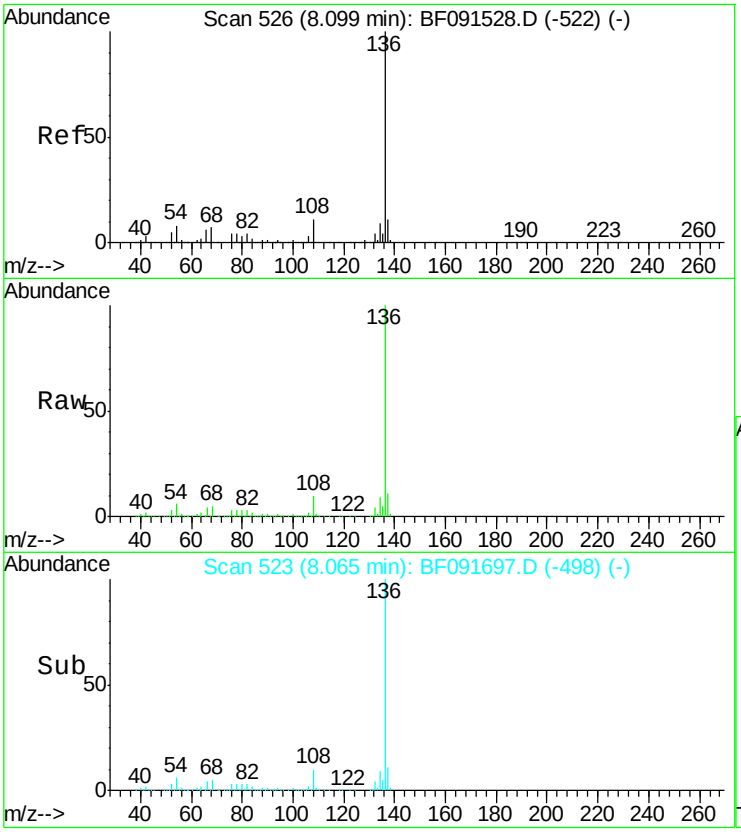


#10
Phenol
Concen: 2.20 ng
RT: 6.44 min Scan# 381
Delta R.T. 0.00 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Tgt Ion: 94 Resp: 44633

Ion	Ratio	Lower	Upper
94	100		
65	21.7	16.9	56.9
66	30.1	30.6	70.6#



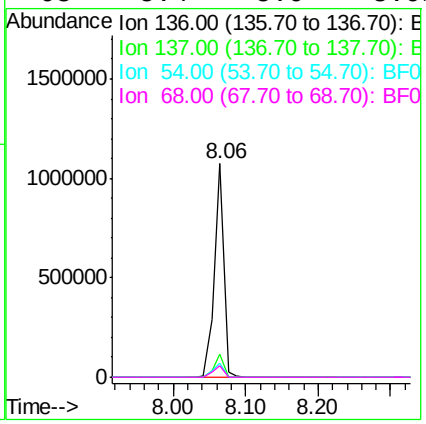


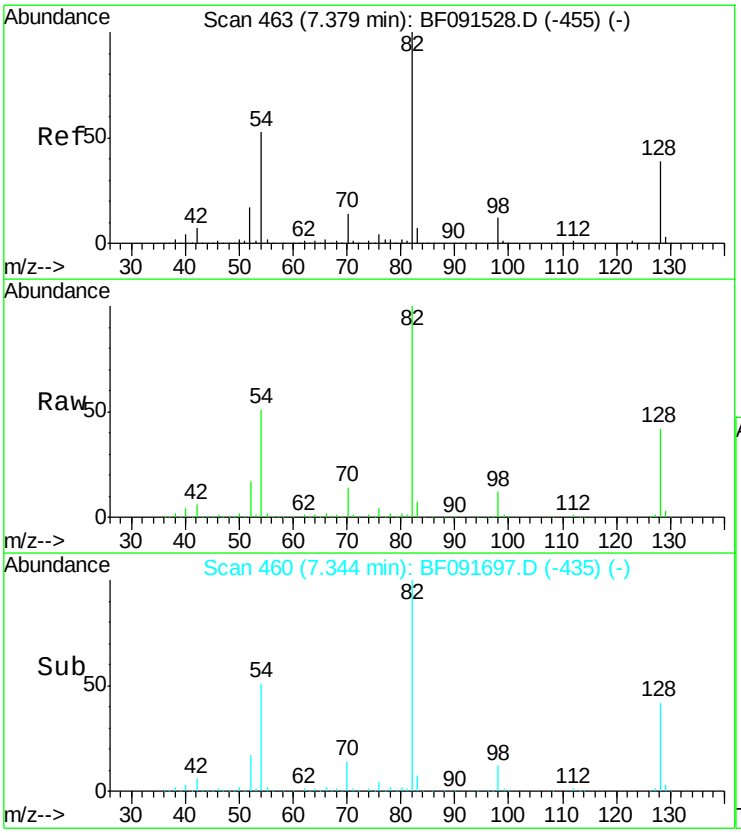
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tgt Ion:136 Resp: 966793

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	6.5	9.1	13.7#
68	5.4	5.9	8.9#

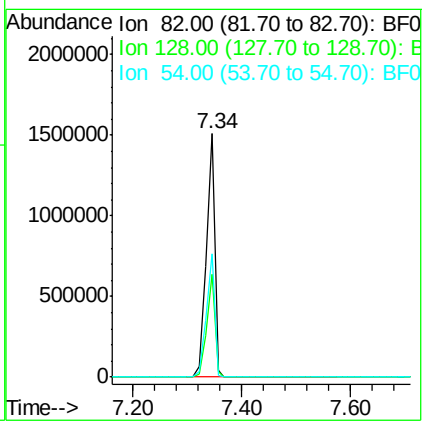


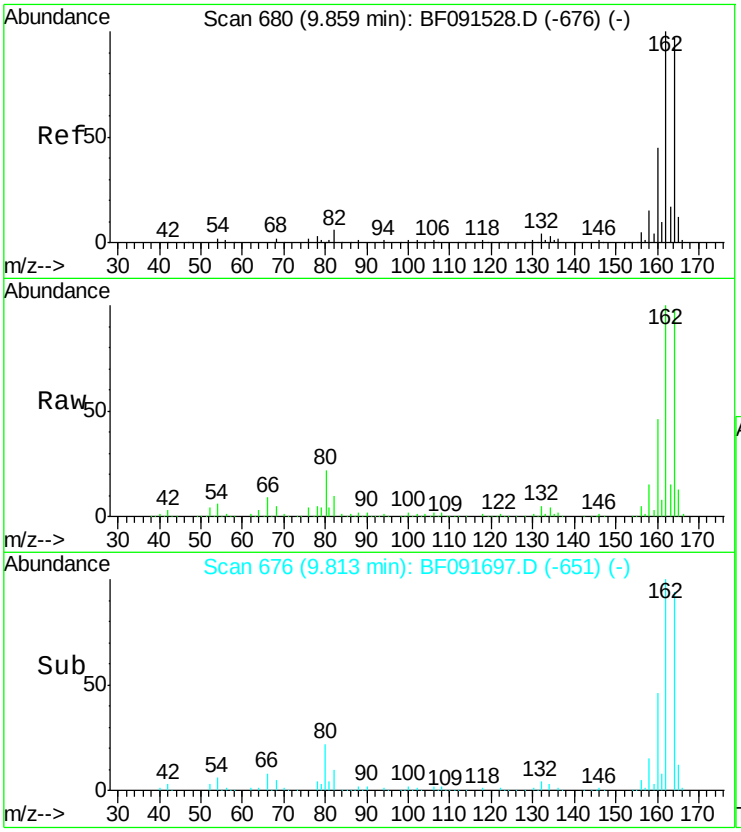


#23
Nitrobenzene-d5
Concen: 91.91 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Tgt Ion: 82 Resp: 1592102

Ion	Ratio	Lower	Upper
82	100		
128	42.3	31.8	47.6
54	50.7	49.1	73.7



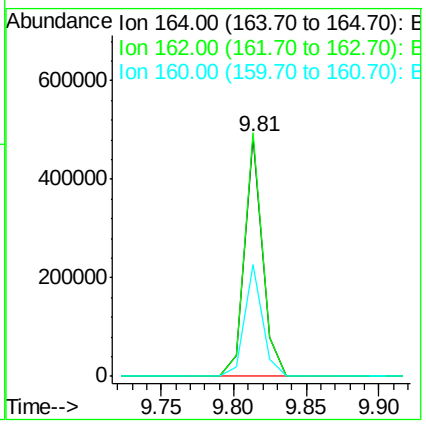


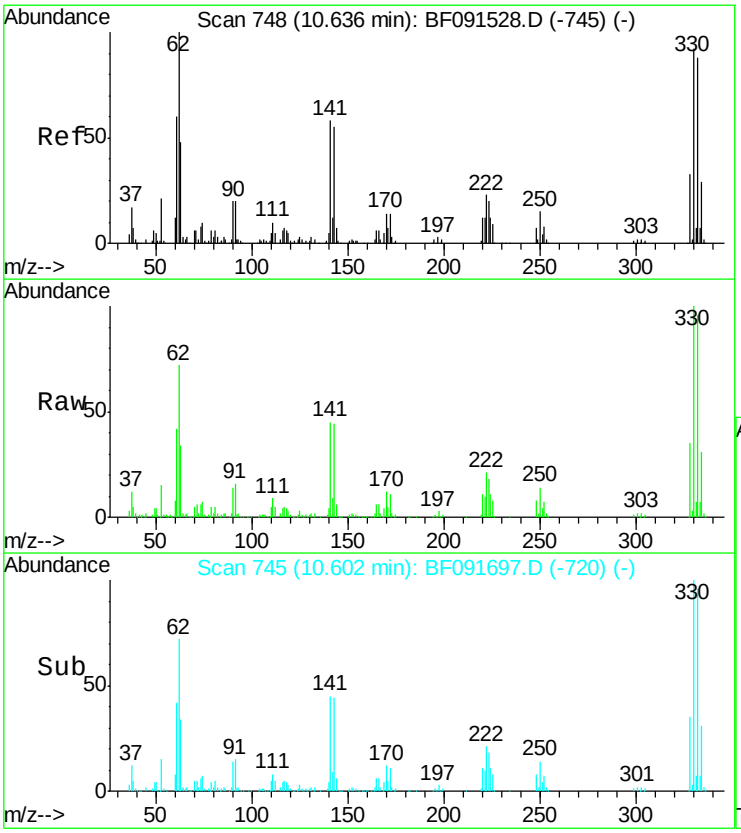
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tgt Ion:164 Resp: 418210

Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	124.0
160	46.5	36.7	55.1

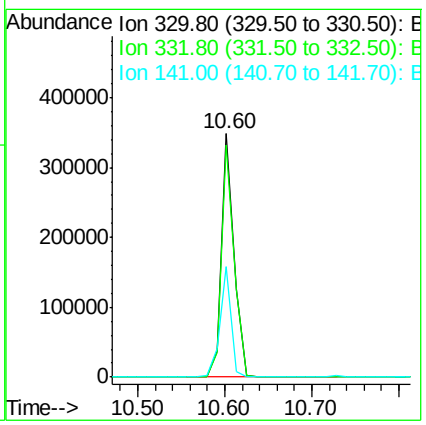


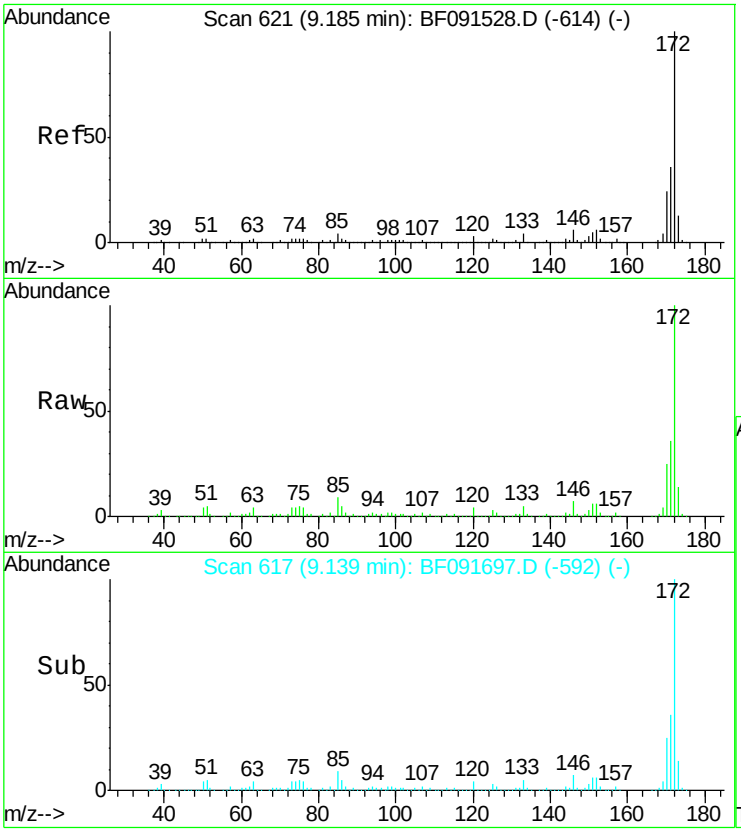


#41
2,4,6-Tribromophenol
Concen: 102.46 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Tgt Ion:330 Resp: 355901

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.2	114.4
141	41.0	33.6	50.4



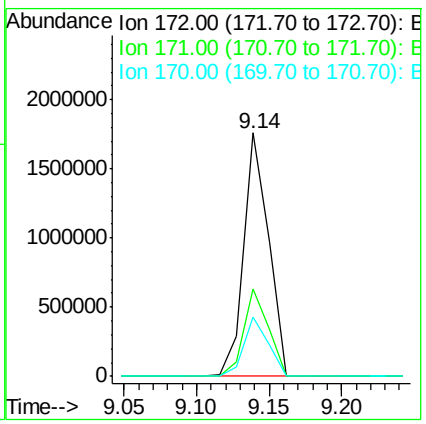


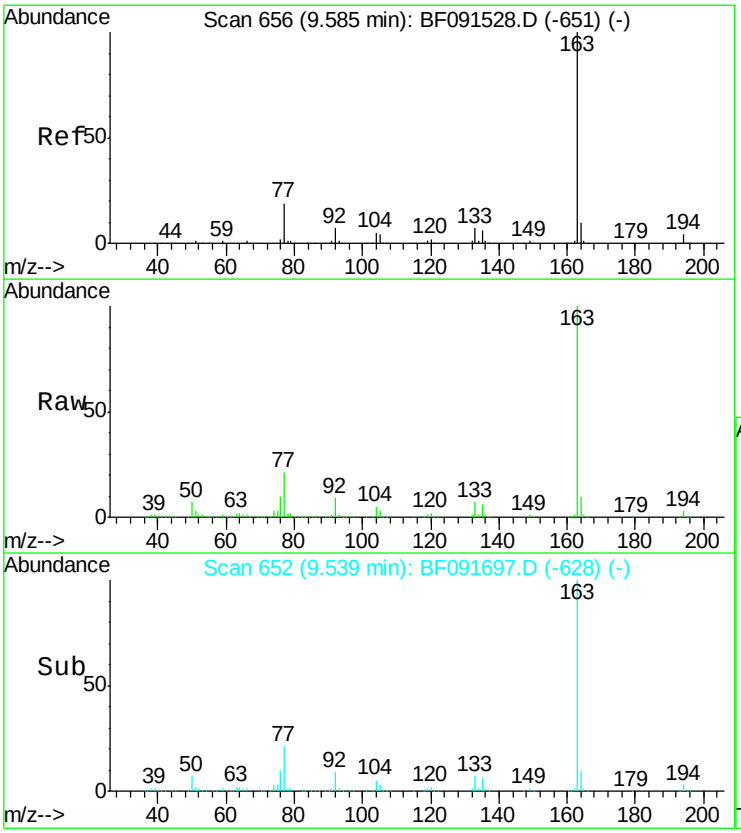
#44
2-Fluorobiphenyl
Concen: 86.17 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tgt Ion:172 Resp: 2085575

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.6	19.7	29.5

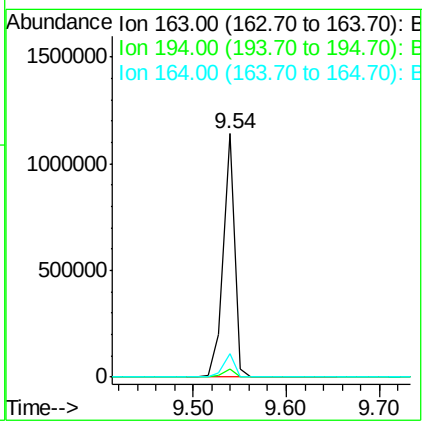


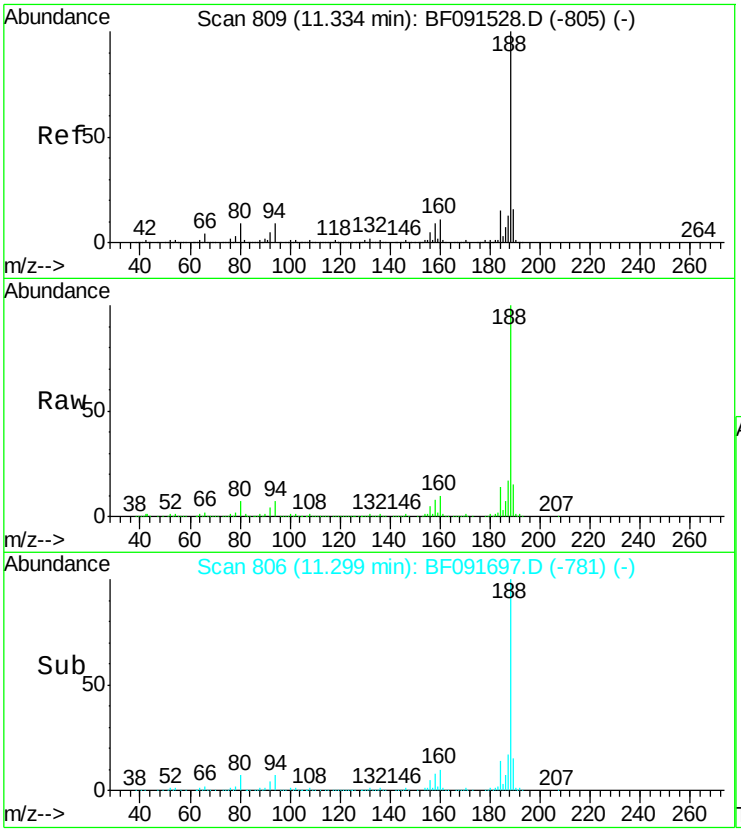


#49
Dimethylphthalate
Concen: 36.08 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Tgt Ion:163 Resp: 955321

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	9.8	7.8	11.8



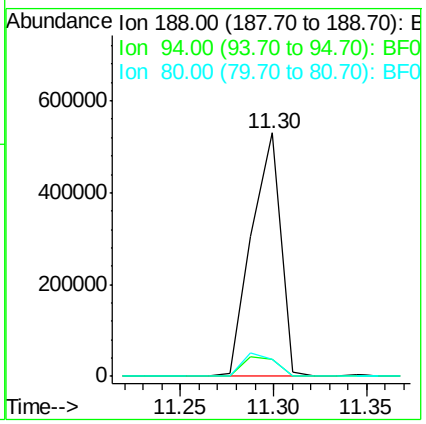


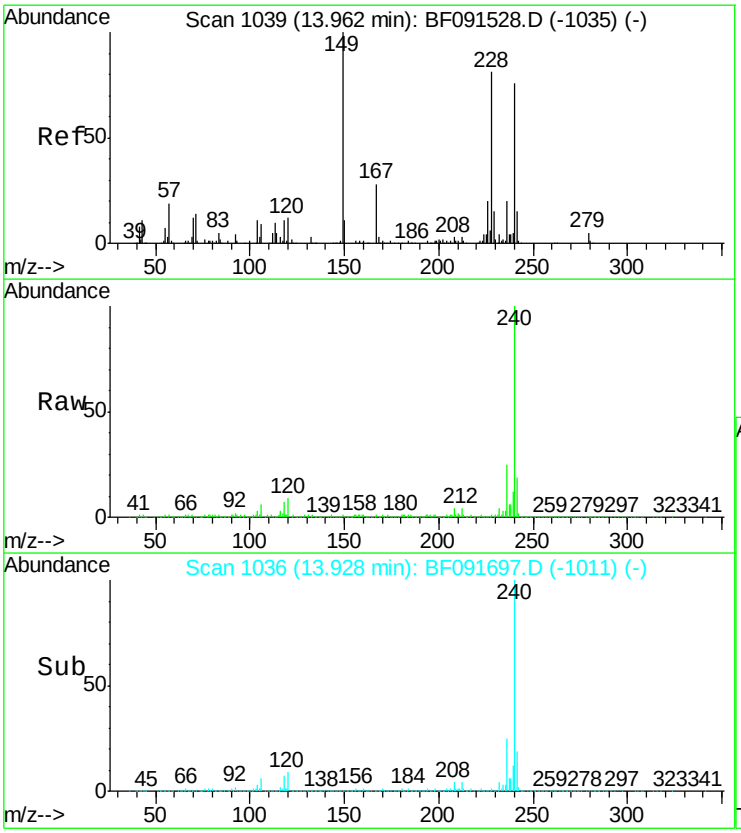
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tgt Ion:188 Resp: 585516

Ion	Ratio	Lower	Upper
188	100		
94	6.9	9.2	13.8#
80	7.0	10.5	15.7#

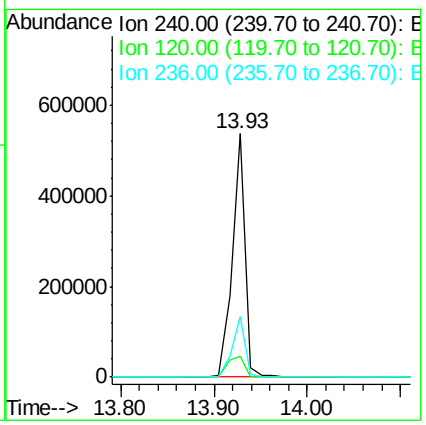


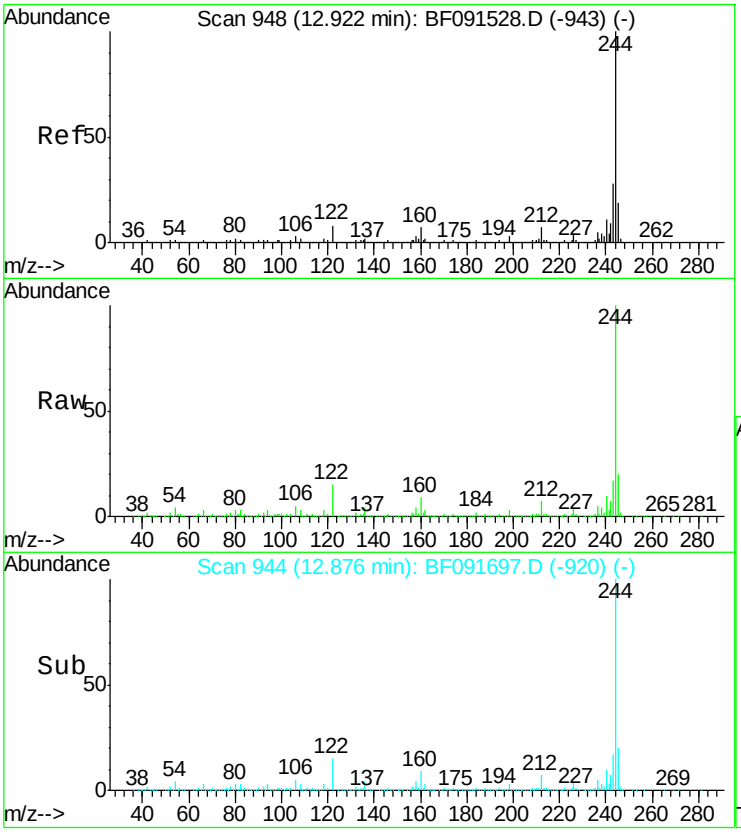


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Tgt Ion:240 Resp: 512642

Ion	Ratio	Lower	Upper
240	100		
120	8.6	12.1	18.1#
236	25.1	21.0	31.6



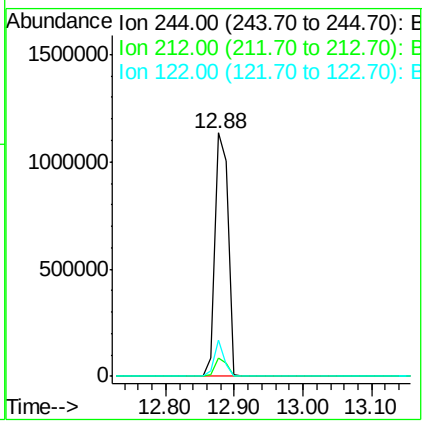


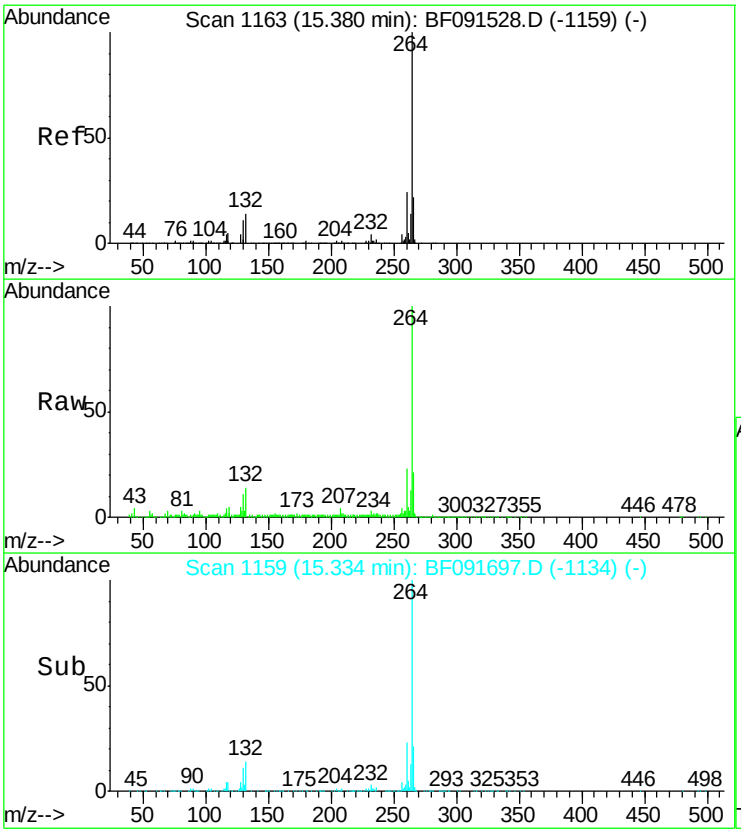
#78
Terphenyl-d14
Concen: 68.40 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Instrument :
BNA_F
ClientSampleId :
SS05-1FT

Tgt Ion:244 Resp: 1545354

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	14.7	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BF091697.D
Acq: 17 Dec 2016 2:31

Tgt Ion:264 Resp: 378672

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.0	17.0	25.6