Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093797.D
Acq On : 21 Mar 2017 14:47
Operator : SJ/MA
Sample : I2263-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-103D

Quant Time: Mar 22 02:05:19 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 14:38:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	180418	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	716503	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	364610	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	628993	20.00	ng	0.00
75) Chrysene-d12	13.97	240	465135	20.00	ng	0.00
86) Perylene-d12	15.37	264	308983	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	591196	57.30	ng	0.00
7) Phenol-d6	6.45	99	450922	35.37	ng	-0.01
23) Nitrobenzene-d5	7.38	82	1046109	82.82	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	419603	148.58	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1870753	86.28	ng	0.00
78) Terphenyl-d14	12.93	244	1558154	68.30	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.46	94	30499	2.13	ng	94
59) Diethylphthalate	10.29	149	189223	7.48	ng	94

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

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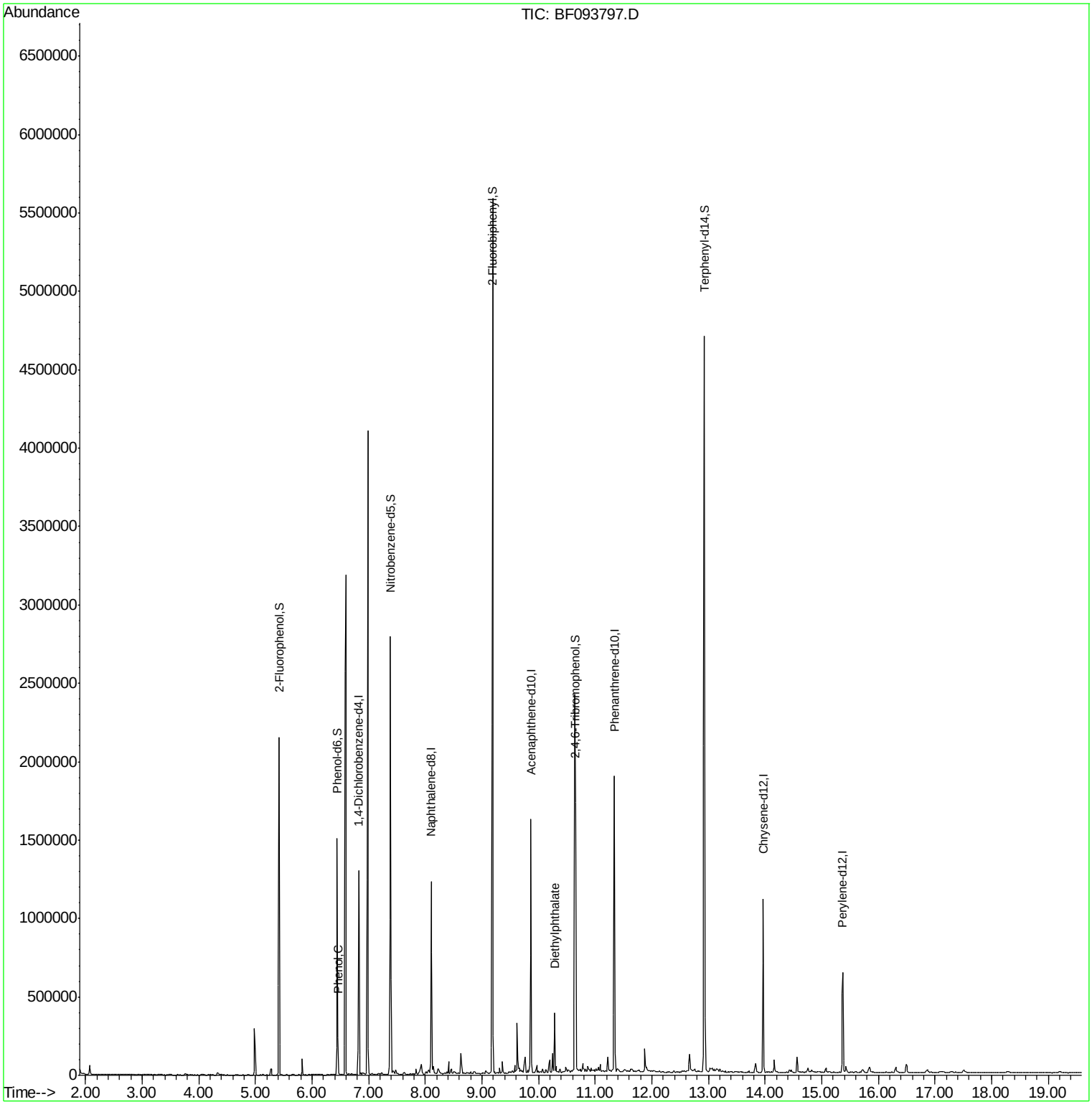
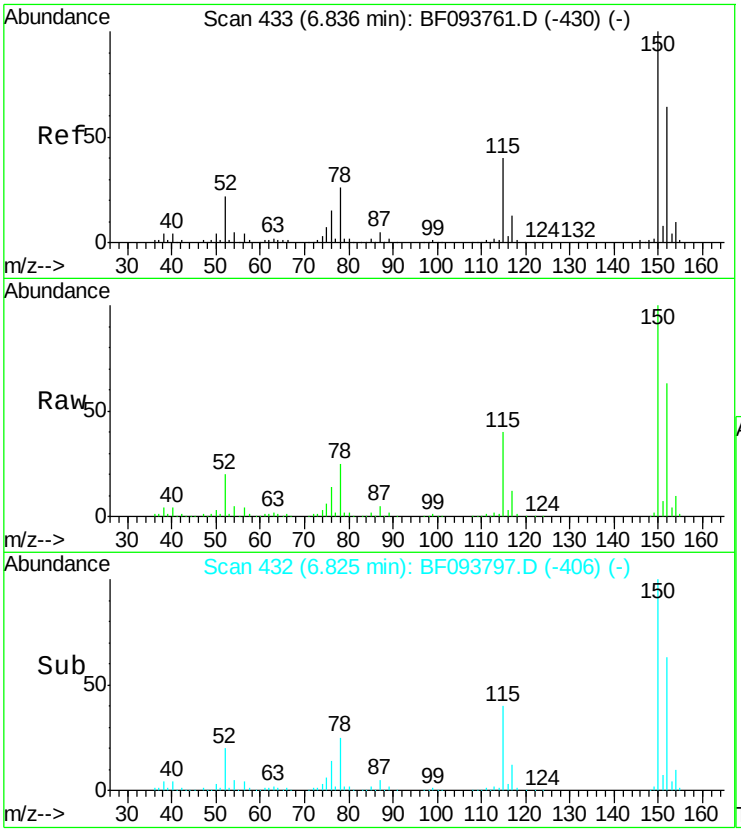


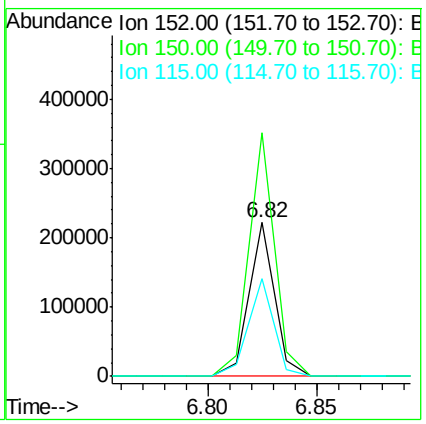


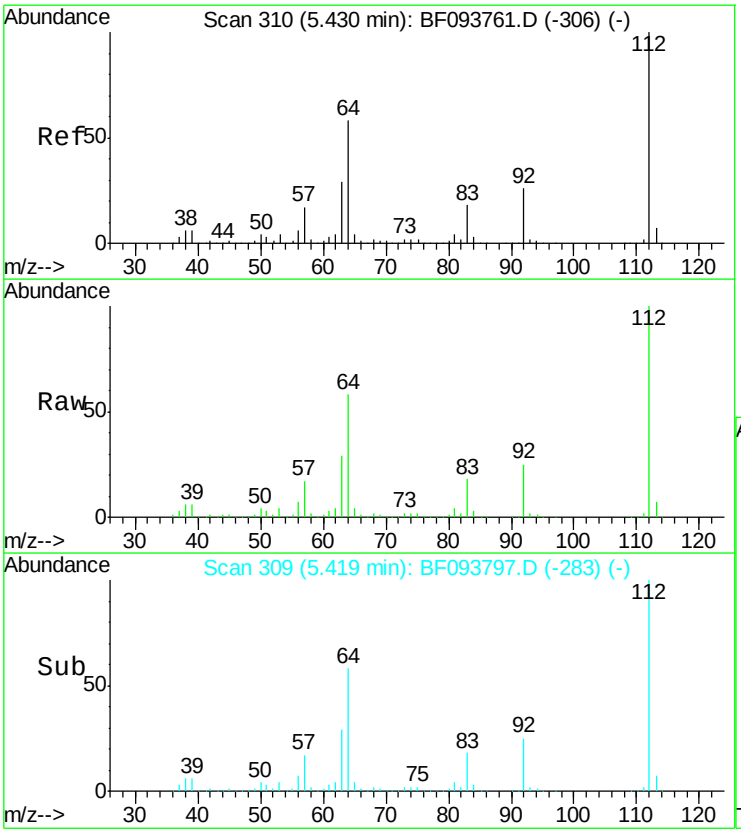
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Instrument :
BNA_F
ClientSampleId :
MW-103D

Tgt Ion:152 Resp: 180418

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.2	189.2
115	63.4	52.2	78.2

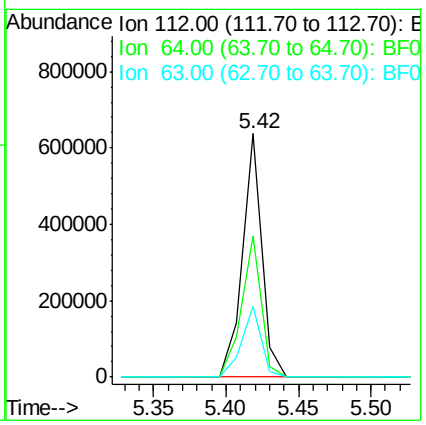


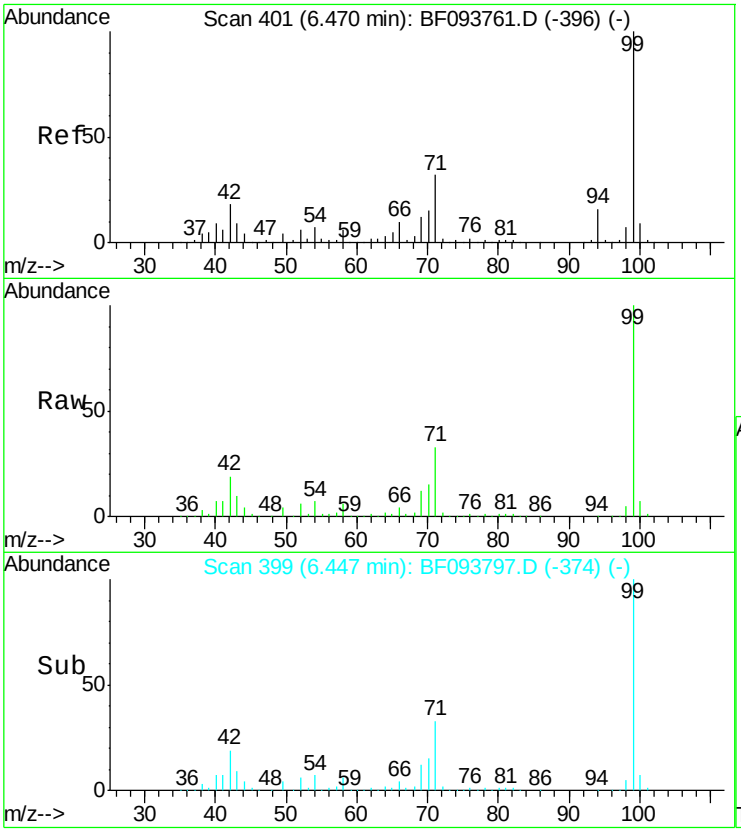


#5
2-Fluorophenol
Concen: 57.30 ng
RT: 5.42 min Scan# 309
Delta R.T. -0.00 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Tgt Ion:112 Resp: 591196

Ion	Ratio	Lower	Upper
112	100		
64	58.0	46.0	69.0
63	29.1	23.4	35.0



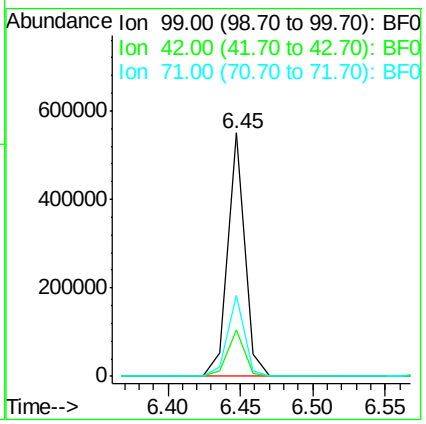


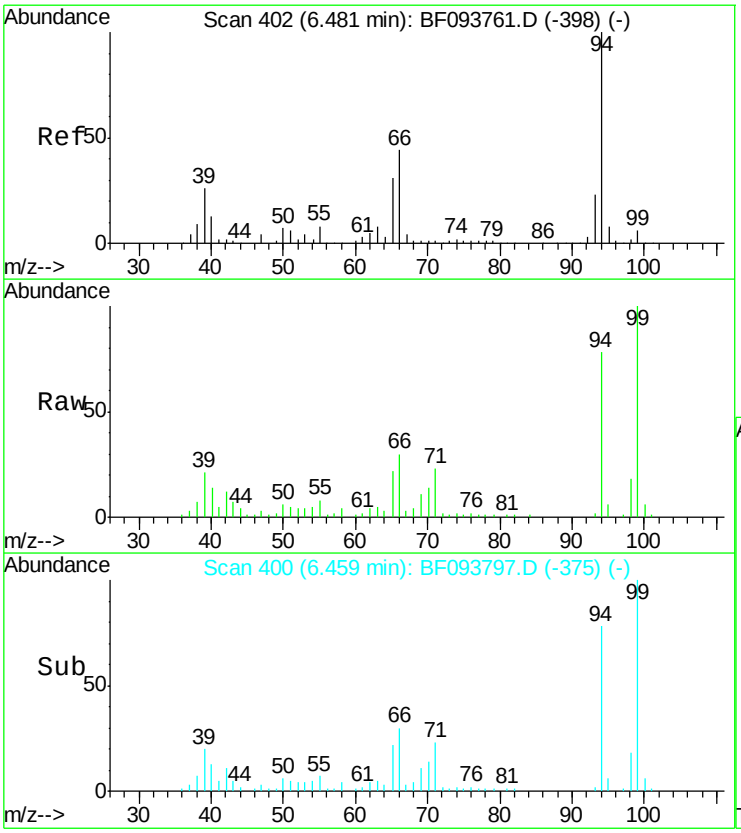
#7
Phenol-d6
Concen: 35.37 ng
RT: 6.45 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Instrument :
BNA_F
ClientSampleId :
MW-103D

Tgt Ion: 99 Resp: 450922

Ion	Ratio	Lower	Upper
99	100		
42	18.8	13.5	20.3
71	33.1	24.5	36.7

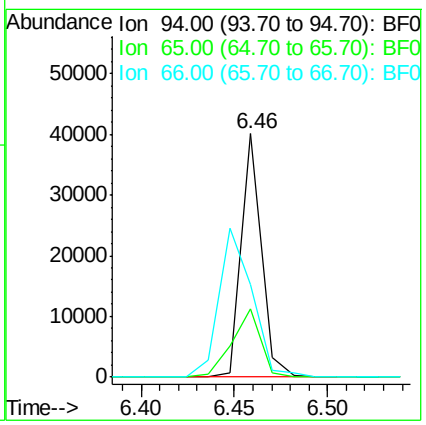


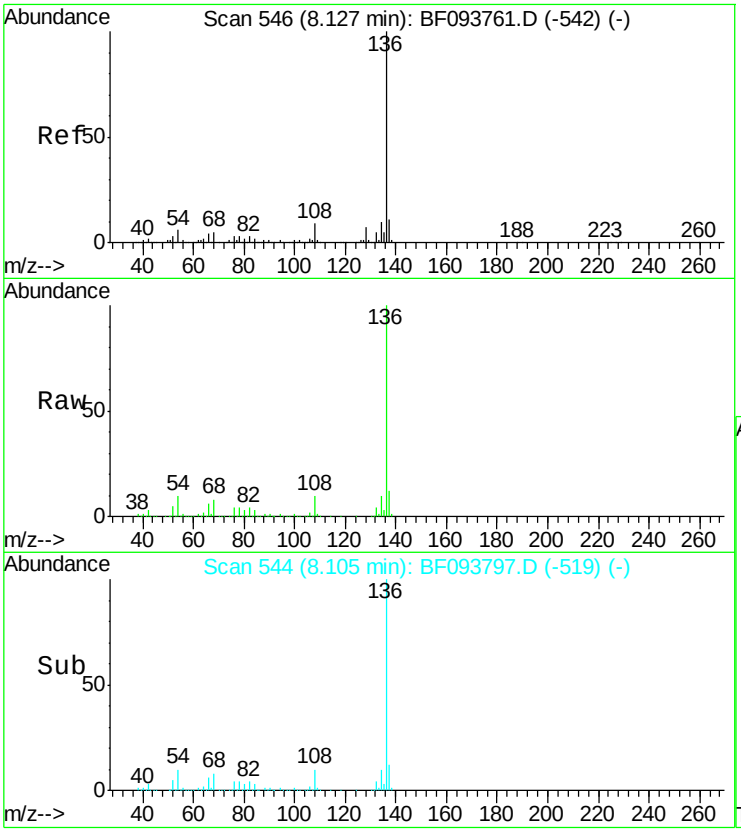


#10
Phenol
Concen: 2.13 ng
RT: 6.46 min Scan# 400
Delta R.T. -0.01 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Tgt Ion: 94 Resp: 30499

Ion	Ratio	Lower	Upper
94	100		
65	27.9	9.9	49.9
66	38.2	23.1	63.1



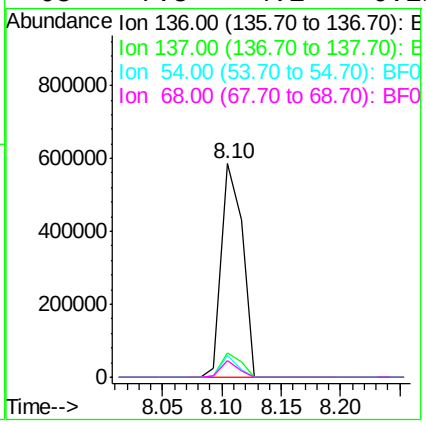


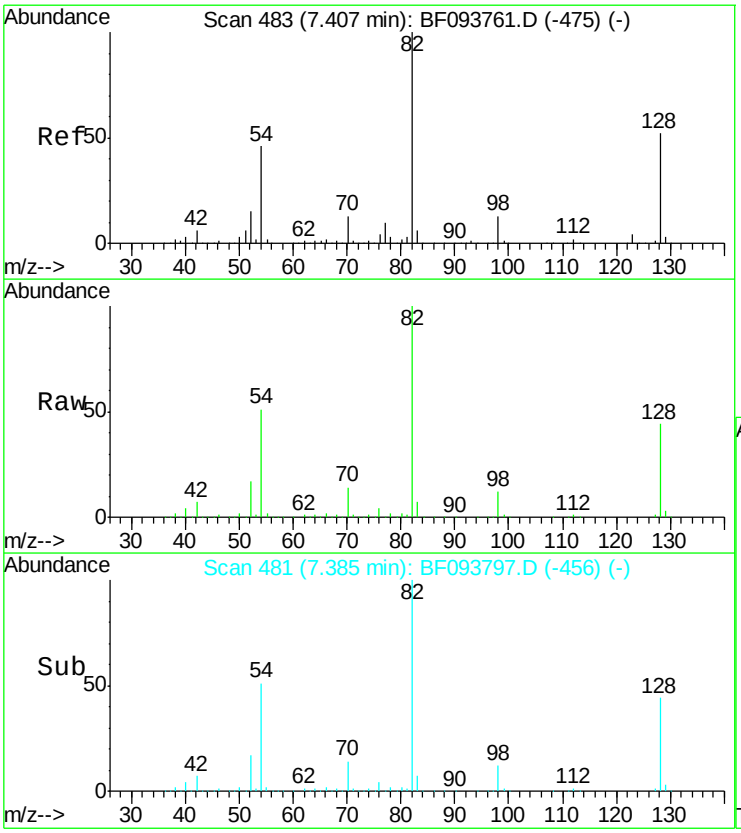
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Instrument :
BNA_F
ClientSampleId :
MW-103D

Tgt Ion:136 Resp: 716503

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	10.1	4.9	7.3#
68	7.8	4.1	6.1#

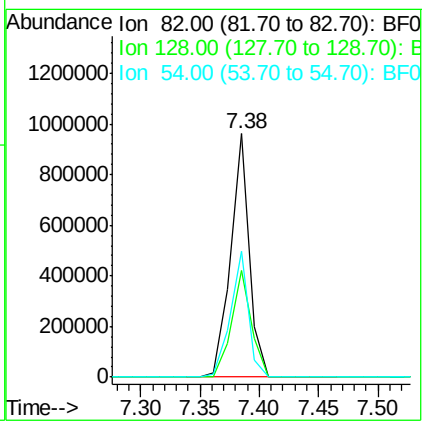


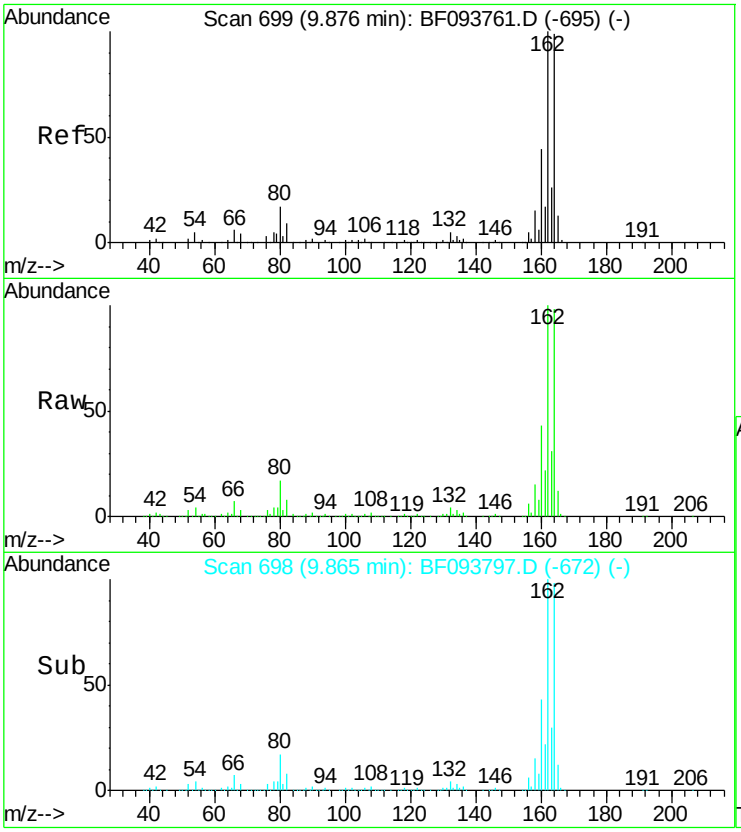


#23
Nitrobenzene-d5
Concen: 82.82 ng
RT: 7.38 min Scan# 481
Delta R.T. -0.01 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Tgt Ion: 82 Resp: 1046109

Ion	Ratio	Lower	Upper
82	100		
128	44.0	34.0	51.0
54	51.4	42.2	63.2



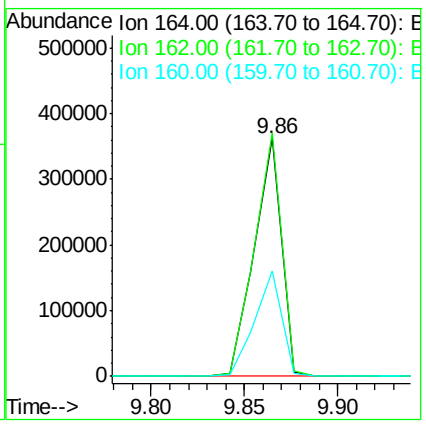


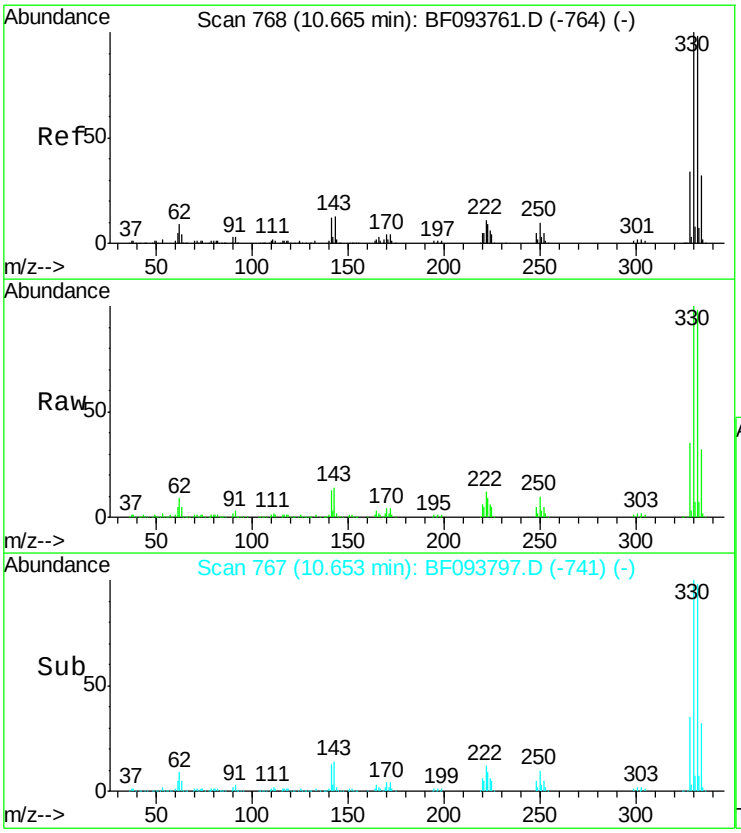
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Instrument :
BNA_F
ClientSampleId :
MW-103D

Tgt Ion:164 Resp: 364610

Ion	Ratio	Lower	Upper
164	100		
162	102.1	82.6	123.8
160	44.3	36.2	54.2

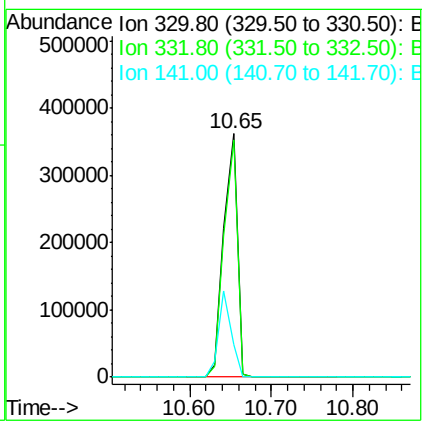


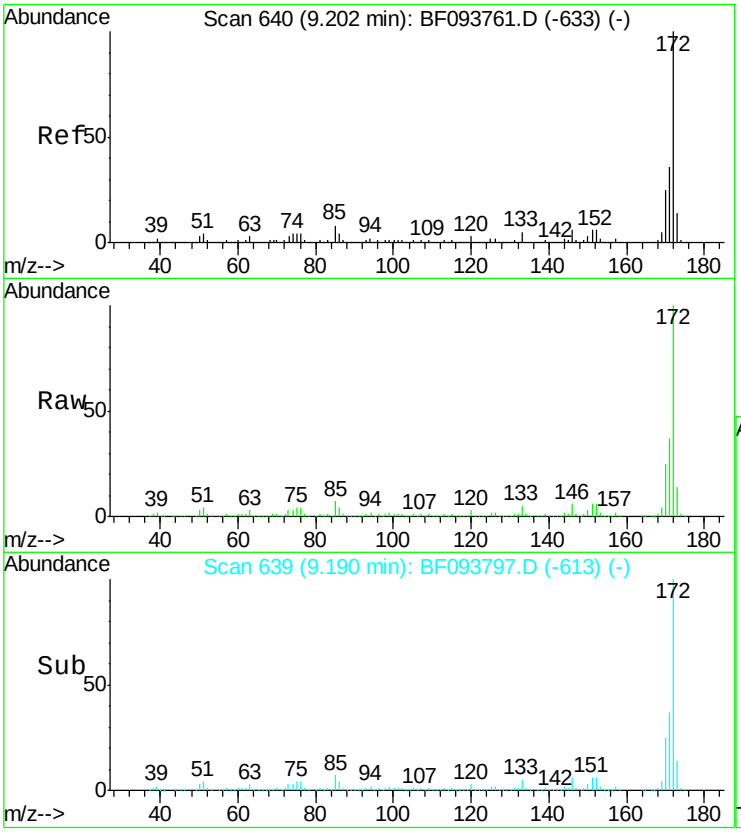


#41
2,4,6-Tribromophenol
Concen: 148.58 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Tgt Ion:330 Resp: 419603

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	33.4	31.4	47.2



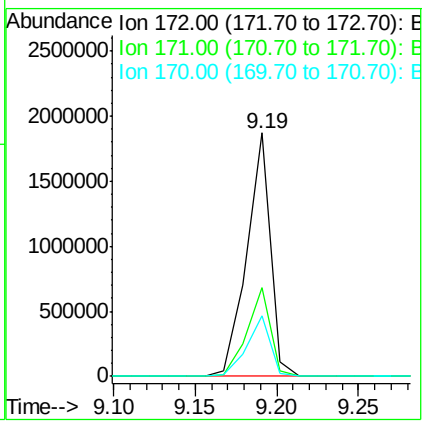


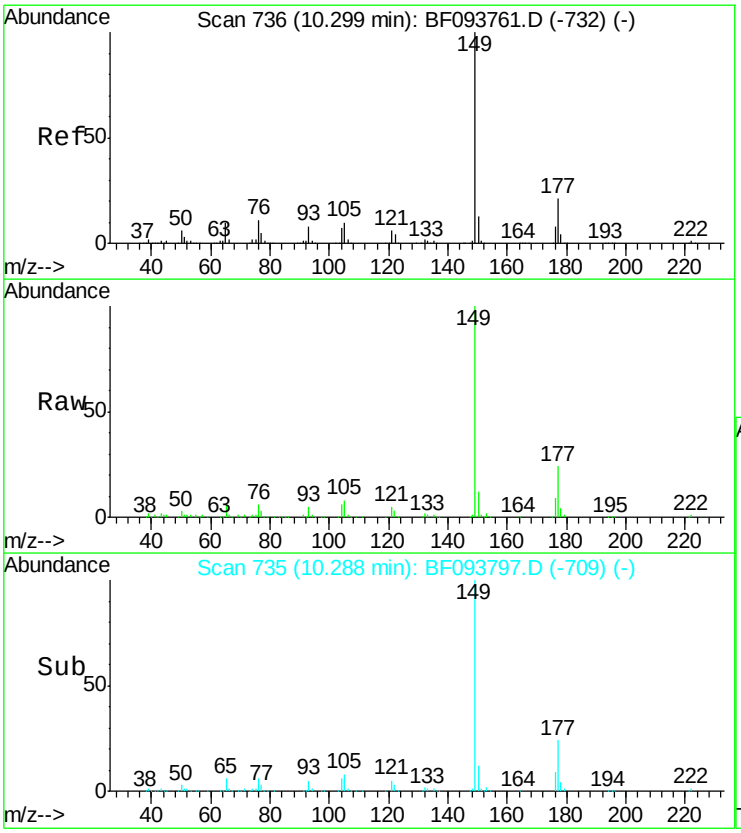
#44
2-Fluorobiphenyl
Concen: 86.28 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Instrument :
BNA_F
ClientSampleId :
MW-103D

Tgt Ion:172 Resp: 1870753

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.8	19.8	29.8

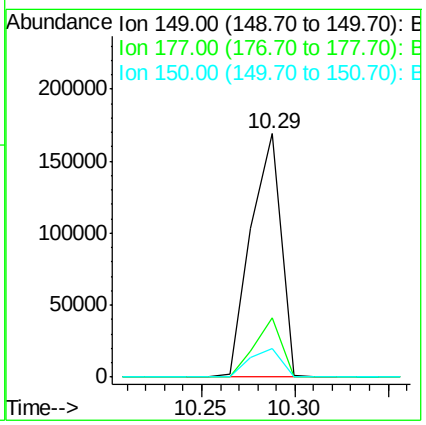


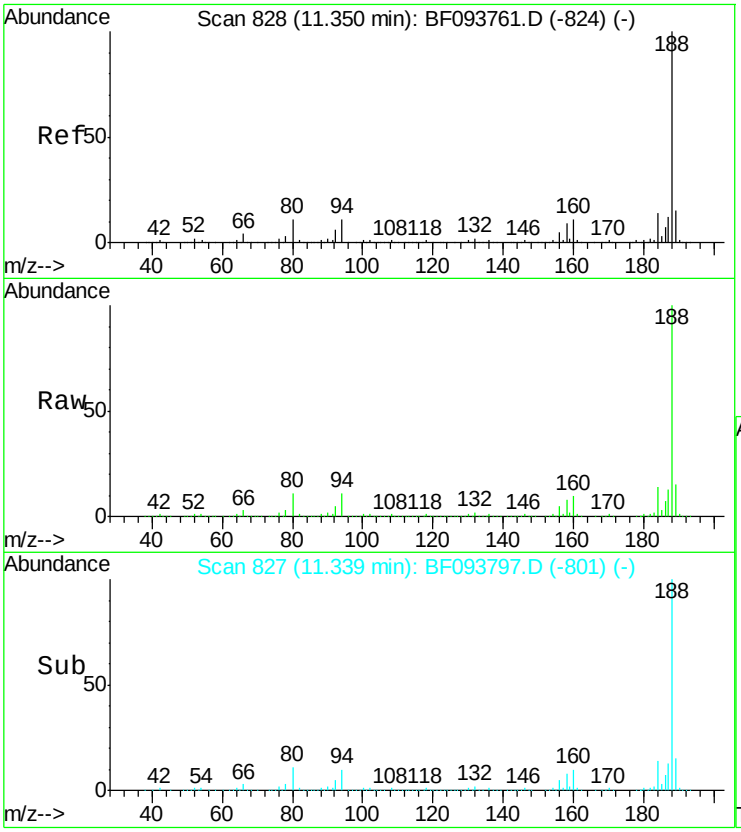


#59
Diethylphthalate
Concen: 7.48 ng
RT: 10.29 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Tgt Ion:149 Resp: 189223

Ion	Ratio	Lower	Upper
149	100		
177	24.5	16.7	25.1
150	11.9	10.2	15.2



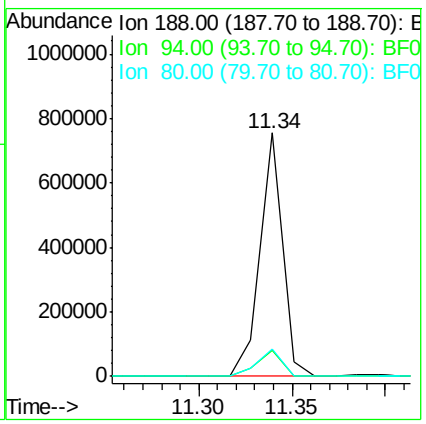


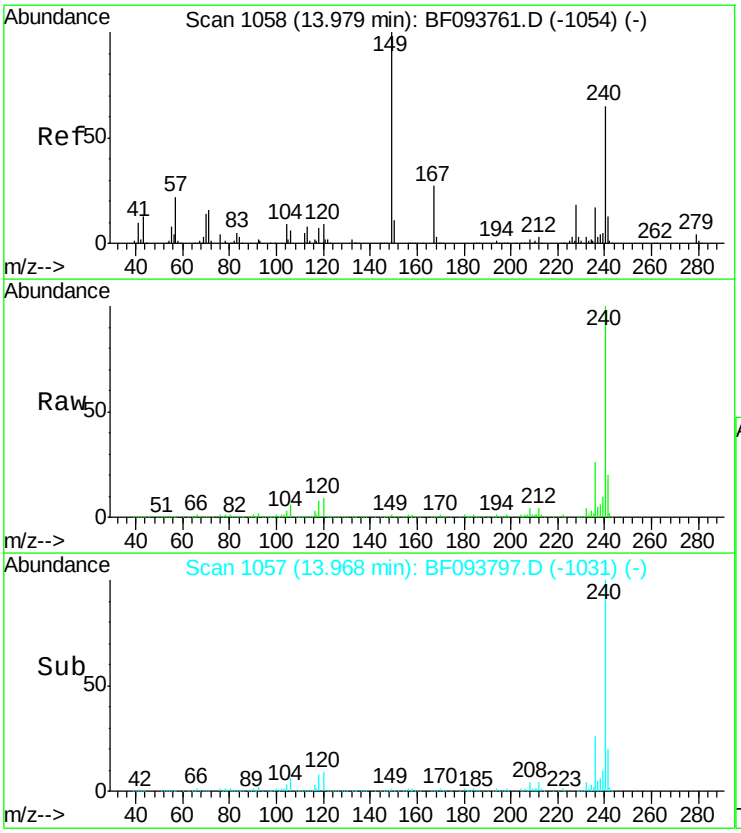
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Instrument :
BNA_F
ClientSampleId :
MW-103D

Tgt Ion:188 Resp: 628993

Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.0	10.2	15.2

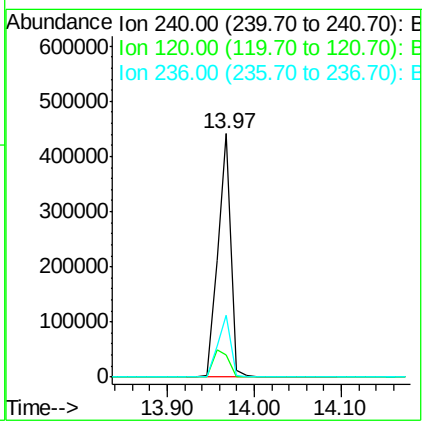


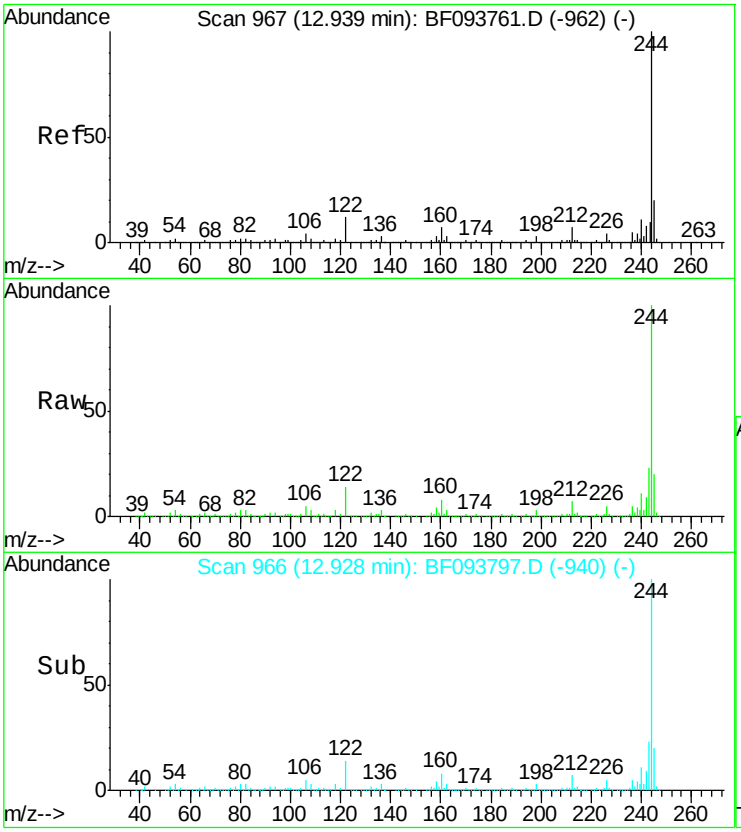


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Tgt Ion:240 Resp: 465135

Ion	Ratio	Lower	Upper
240	100		
120	9.3	5.8	8.8#
236	25.6	20.5	30.7



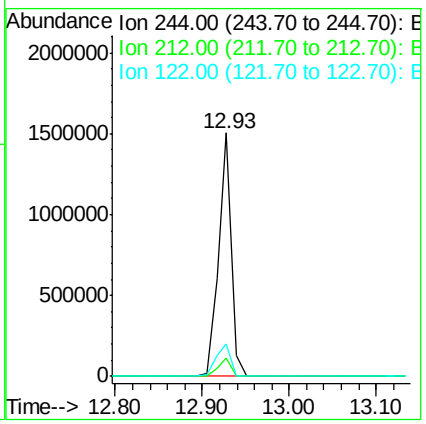


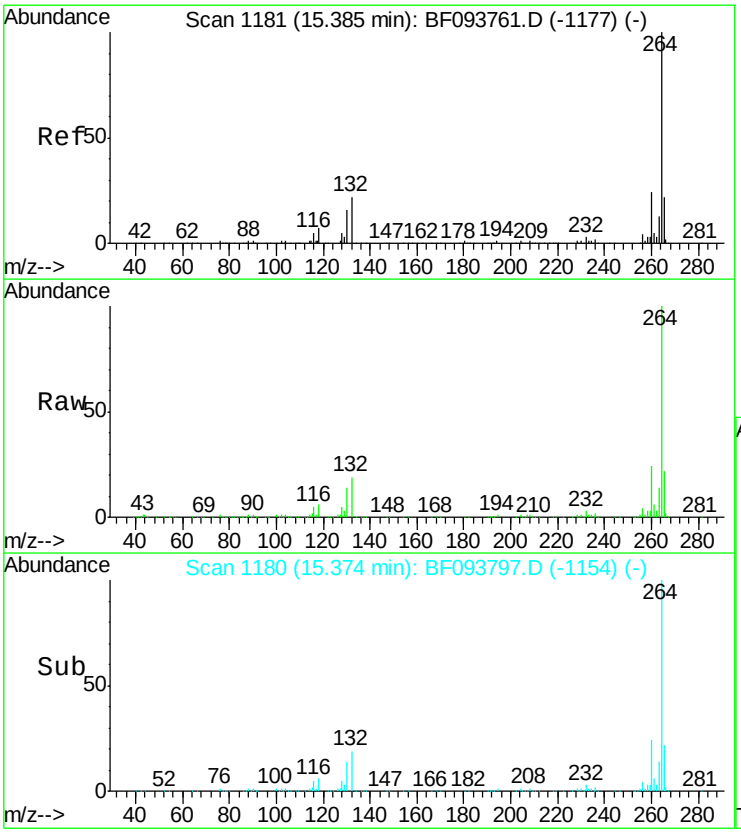
#78
Terphenyl-d14
Concen: 68.30 ng
RT: 12.93 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Instrument :
BNA_F
ClientSampleId :
MW-103D

Tgt Ion:244 Resp: 1558154

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.6	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF093797.D
Acq: 21 Mar 2017 14:47

Tgt Ion:264 Resp: 308983

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.6	17.2	25.8