Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093754.D
Acq On : 18 Mar 2017 15:22
Operator : SJ/MA
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Time: Mar 20 01:58:22 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	221753	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	830469	20.00	ng		-0.01
38) Acenaphthene-d10	9.89	164	384896	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	648506	20.00	ng		0.00
75) Chrysene-d12	13.99	240	597397	20.00	ng		-0.01
86) Perylene-d12	15.40	264	421605	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	772704	58.09	ng		0.00
7) Phenol-d6	6.47	99	679772	41.23	ng		-0.01
23) Nitrobenzene-d5	7.41	82	1205572	87.13	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	395349	156.95	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	2051064	100.56	ng		0.00
78) Terphenyl-d14	12.95	244	1541063	55.52	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.48	94	50724	2.63	ng		88
22) Acetophenone	7.25	105	52218	2.82	ng	#	58
35) Caprolactam	8.54	113	33318	8.91	ng	#	59
49) Dimethylphthalate	9.60	163	57610	2.29	ng	#	95

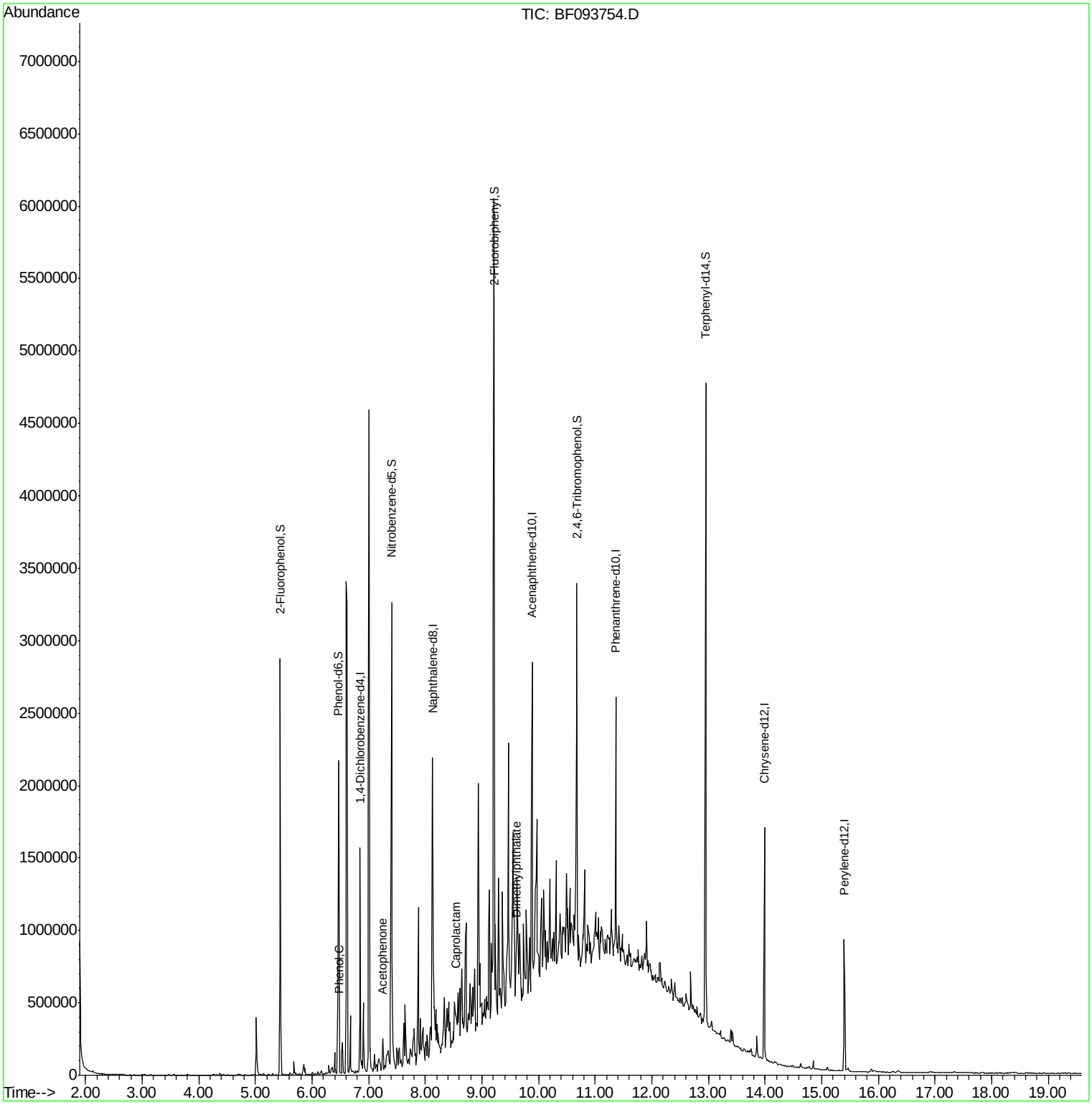
(#) = qualifier out of range (m) = manual integration (+) = signals summed

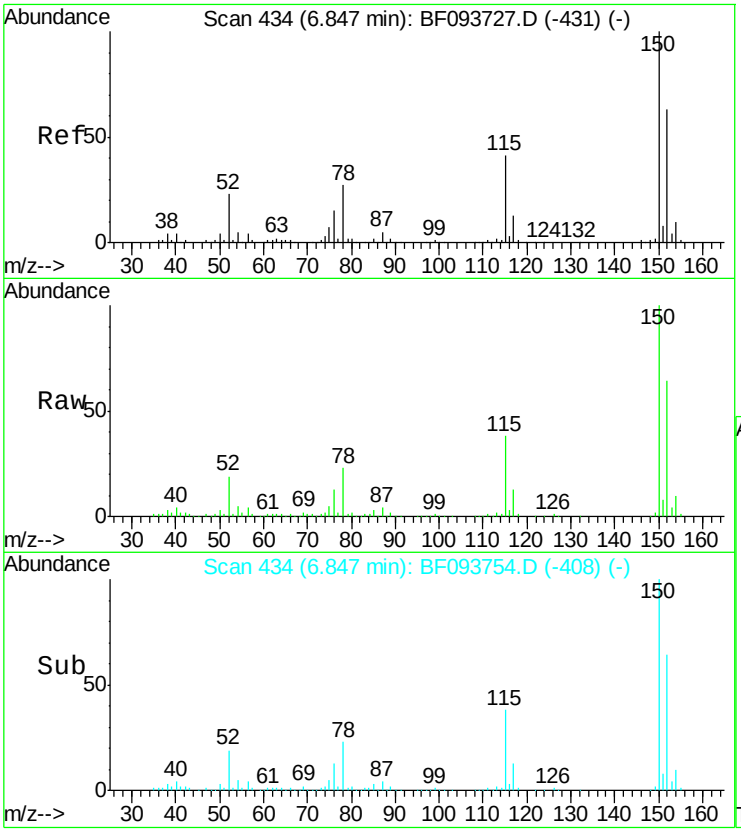
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
Data File : BF093754.D
Acq On : 18 Mar 2017 15:22
Operator : SJ/MA
Sample : I2213-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

Quant Time: Mar 20 01:58:22 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 18 05:21:29 2017
Response via : Initial Calibration



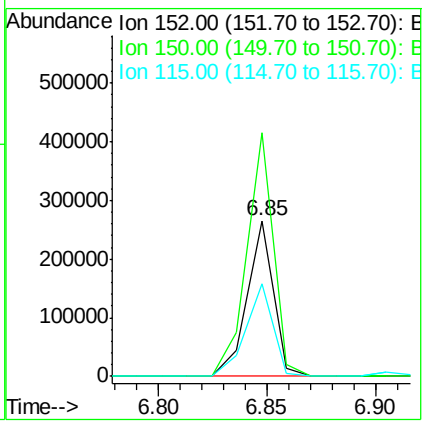


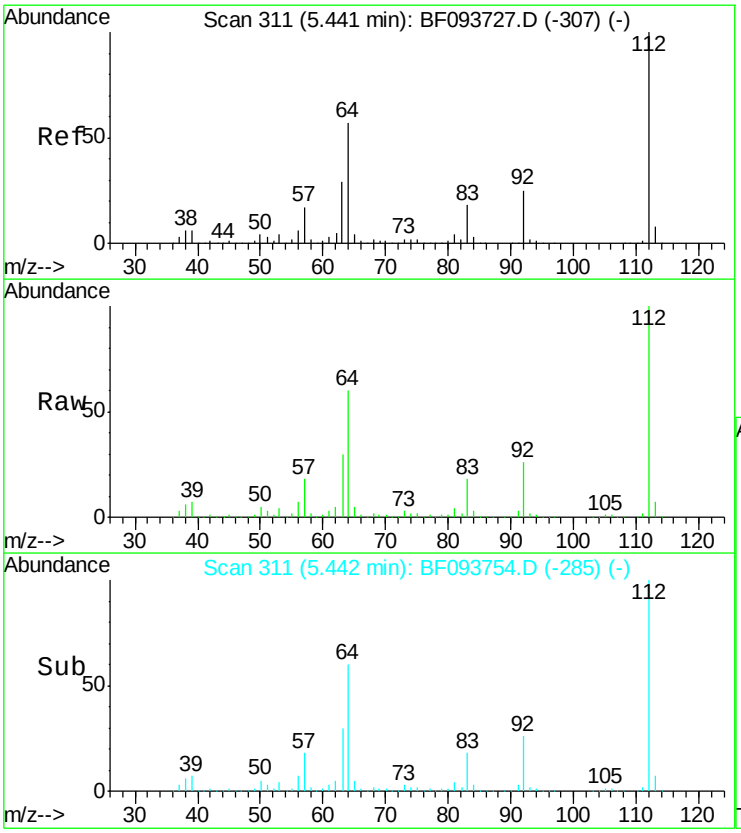
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 221753

Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.2
115	59.8	52.2	78.2

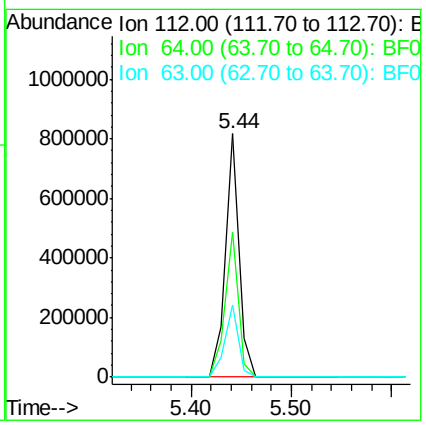


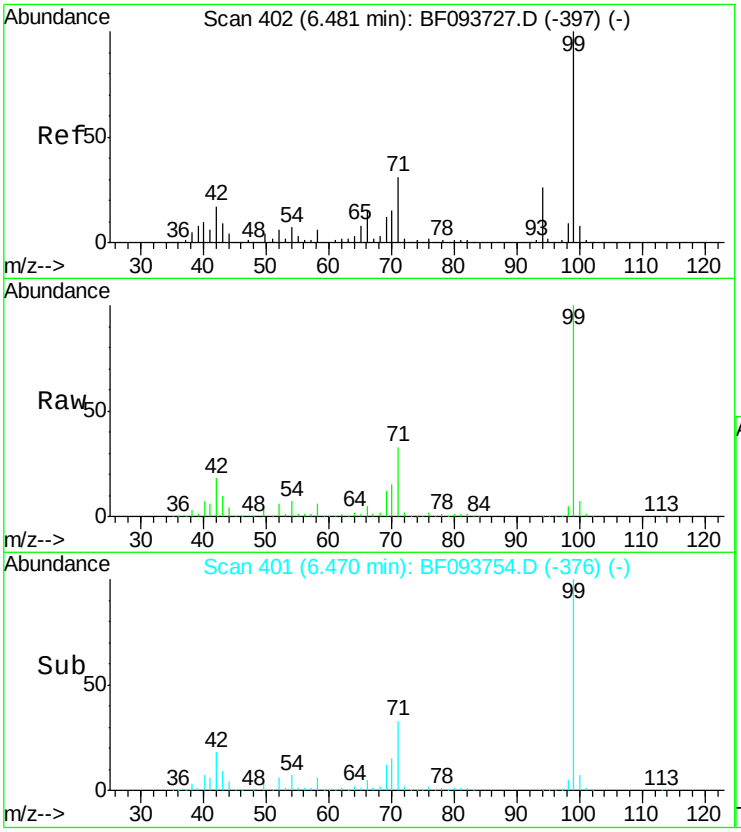


#5
2-Fluorophenol
Concen: 58.09 ng
RT: 5.44 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Tgt Ion:112 Resp: 772704

Ion	Ratio	Lower	Upper
112	100		
64	59.6	46.0	69.0
63	29.8	23.4	35.0



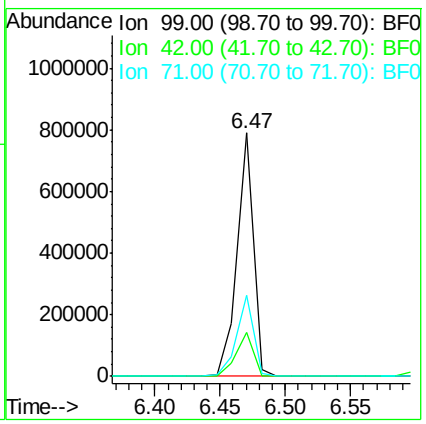


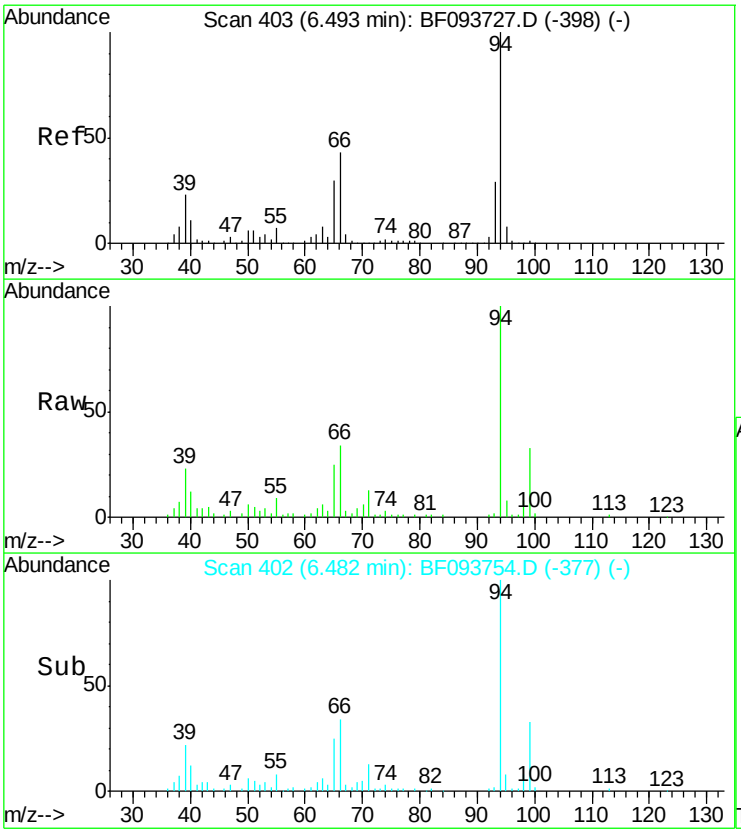
#7
Phenol-d6
Concen: 41.23 ng
RT: 6.47 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 679772

Ion	Ratio	Lower	Upper
99	100		
42	18.2	13.5	20.3
71	33.3	24.5	36.7

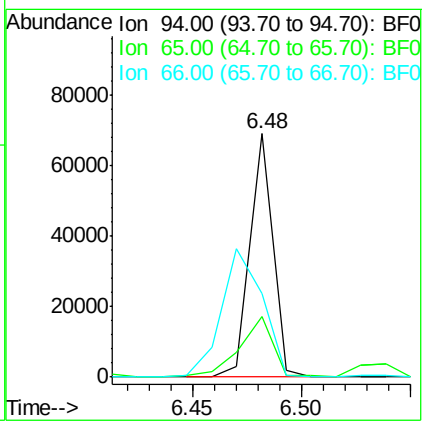


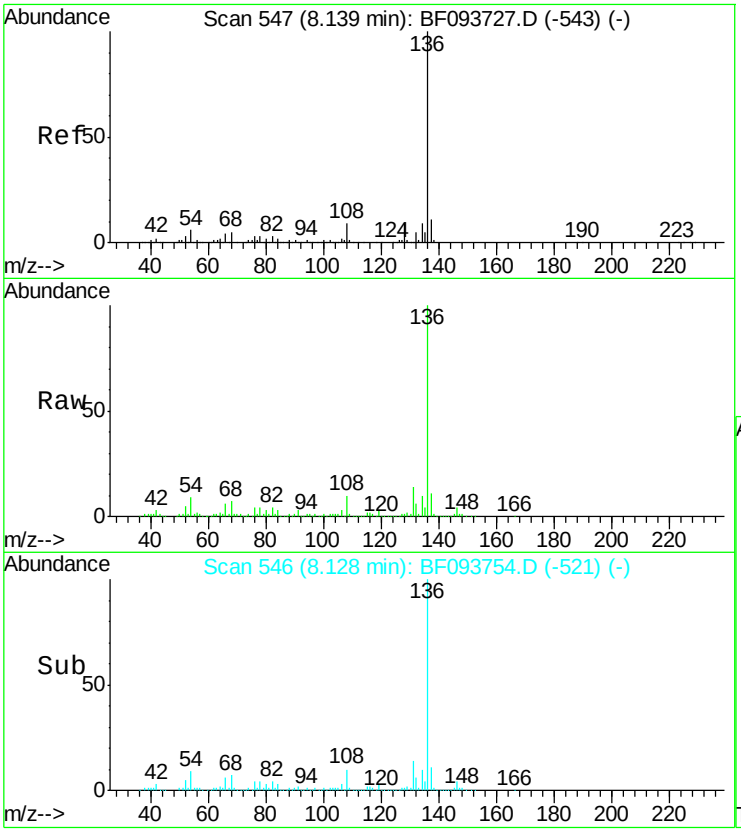


#10
Phenol
Concen: 2.63 ng
RT: 6.48 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Tgt Ion: 94 Resp: 50724

Ion	Ratio	Lower	Upper
94	100		
65	24.7	9.9	49.9
66	34.4	23.1	63.1



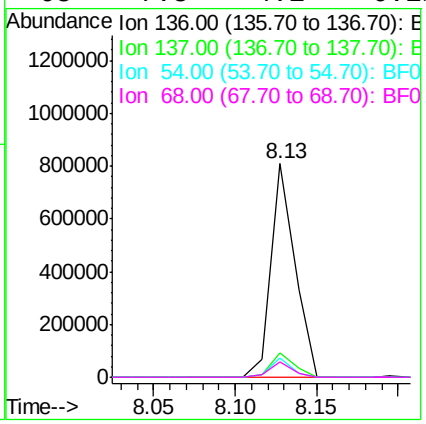


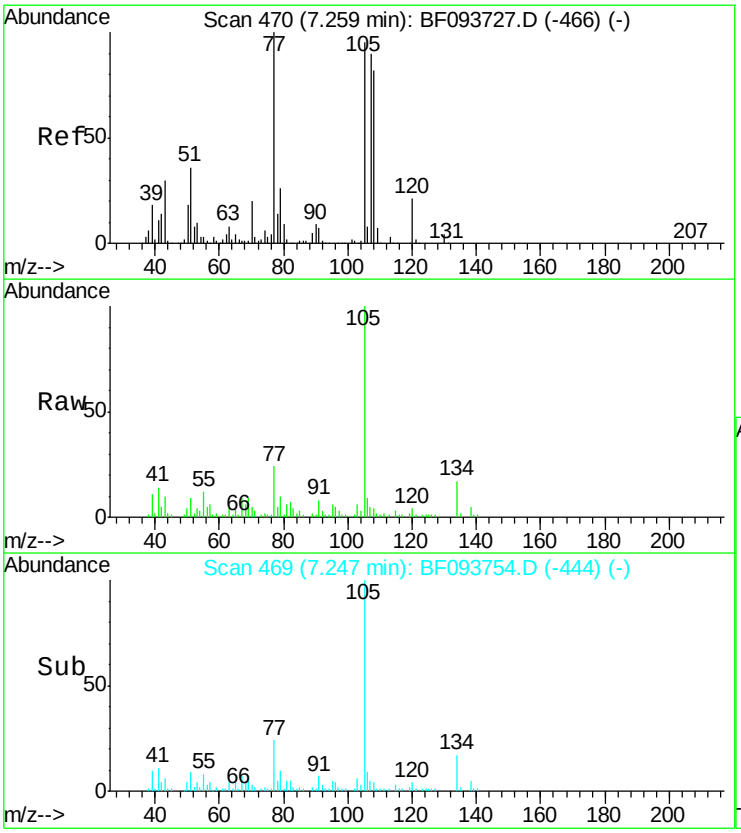
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:136 Resp: 830469

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	9.3	4.9	7.3#
68	7.3	4.1	6.1#

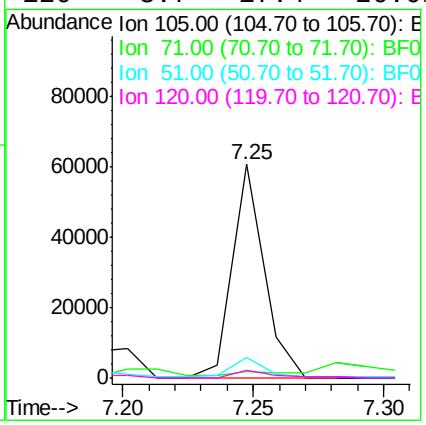


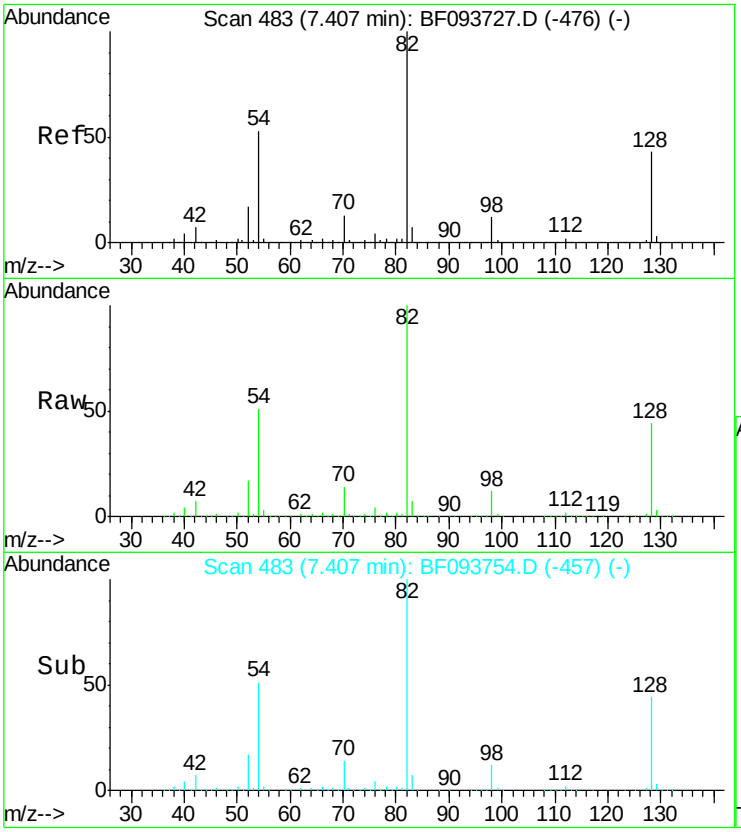


#22
Acetophenone
Concen: 2.82 ng
RT: 7.25 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Tgt Ion:105 Resp: 52218

Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.8	4.2
51	9.3	30.7	46.1#
120	3.7	17.4	26.0#



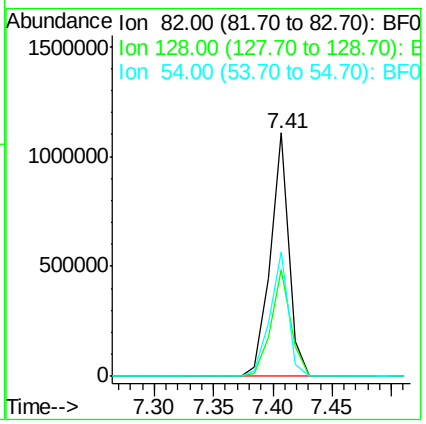


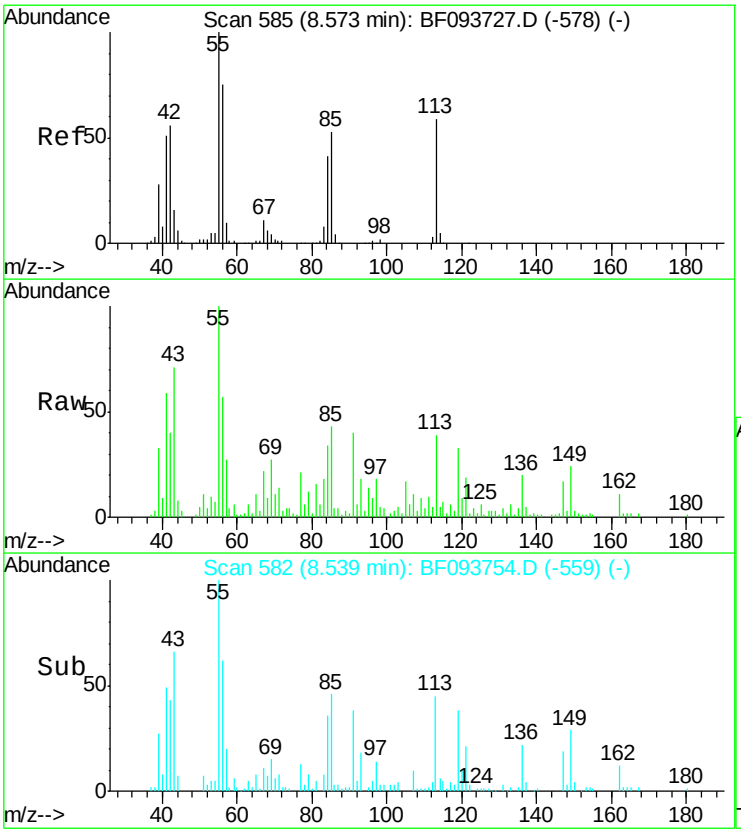
#23
Nitrobenzene-d5
Concen: 87.13 ng
RT: 7.41 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 1205572

Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.0	51.0
54	51.4	42.2	63.2

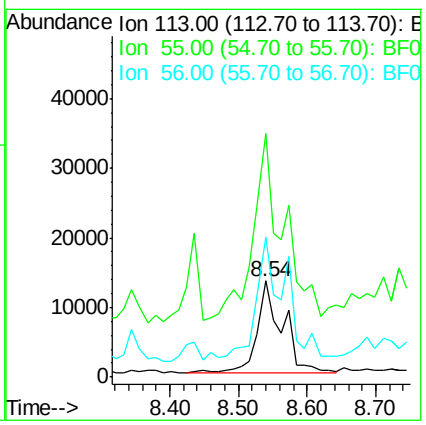


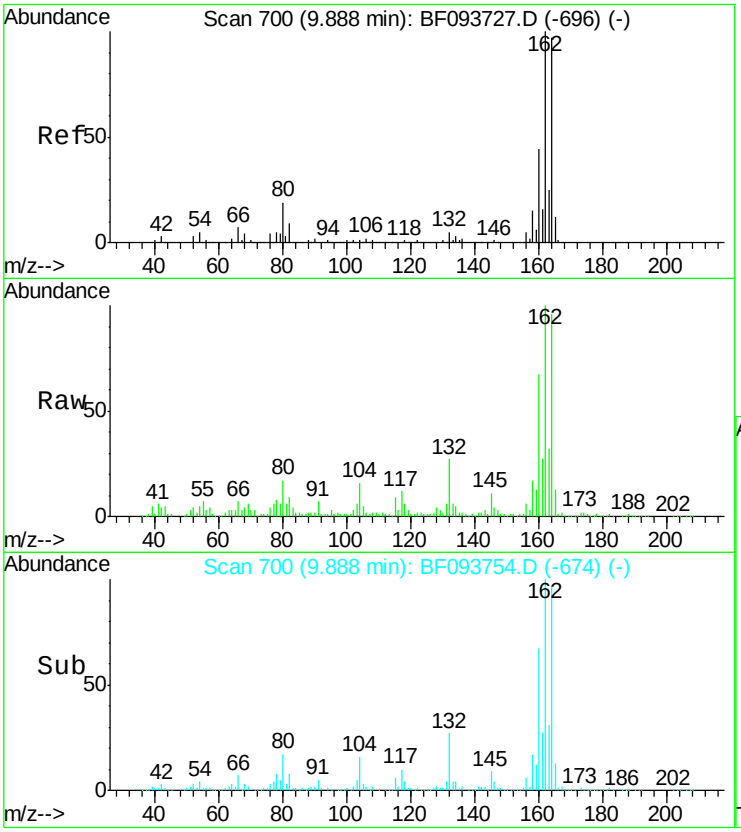


#35
Caprolactam
Concen: 8.91 ng
RT: 8.54 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Tgt Ion:113 Resp: 33318

Ion	Ratio	Lower	Upper
113	100		
55	253.5	150.2	190.2#
56	145.4	107.8	147.8



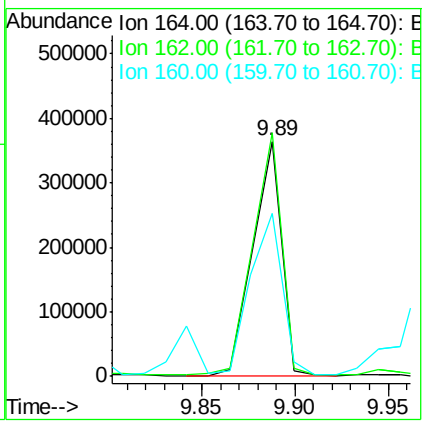


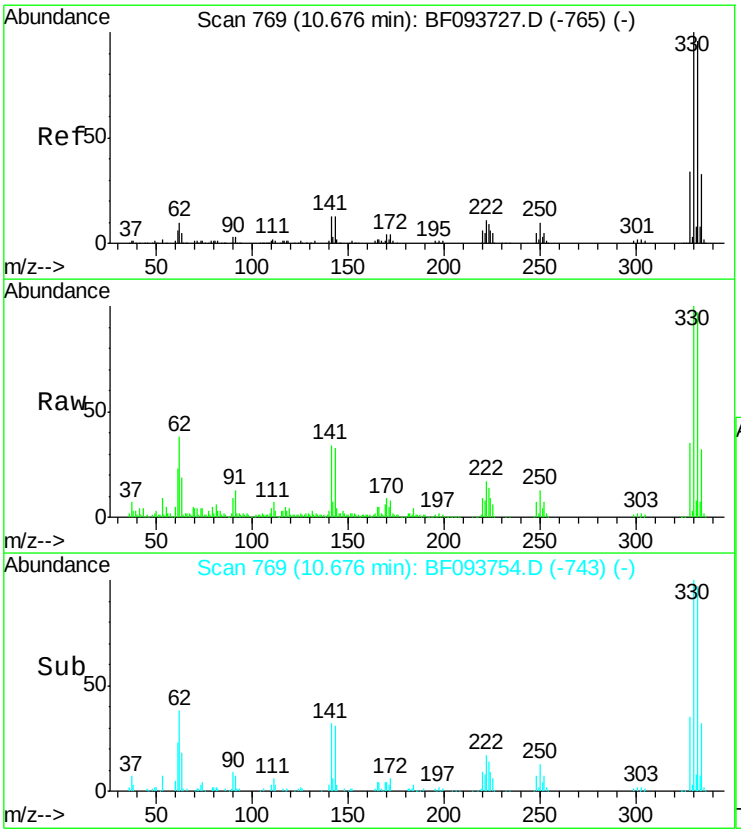
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 700
Delta R.T. 0.00 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 384896

Ion	Ratio	Lower	Upper
164	100		
162	103.6	82.6	123.8
160	69.4	36.2	54.2#

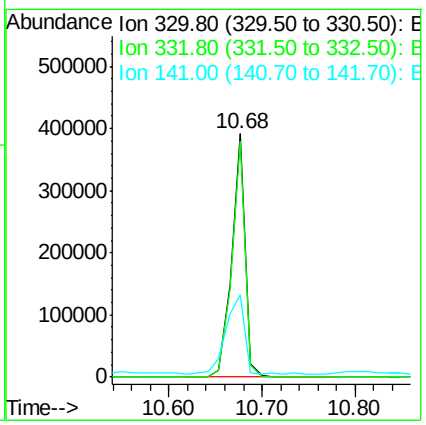


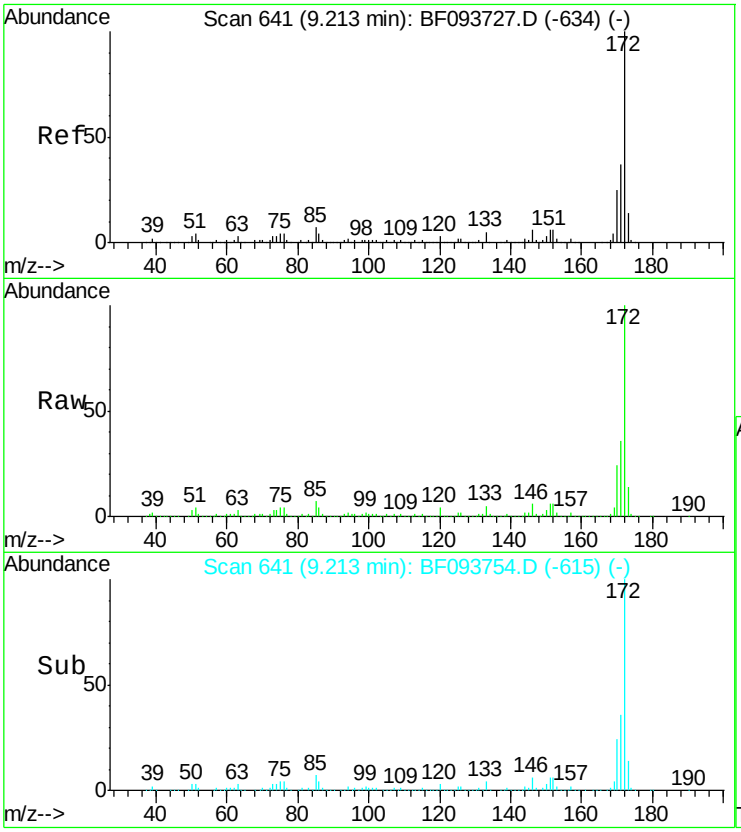


#41
2,4,6-Tribromophenol
Concen: 156.95 ng
RT: 10.68 min Scan# 769
Delta R.T. 0.00 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Tgt Ion:330 Resp: 395349

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.6	115.0
141	45.1	31.4	47.2



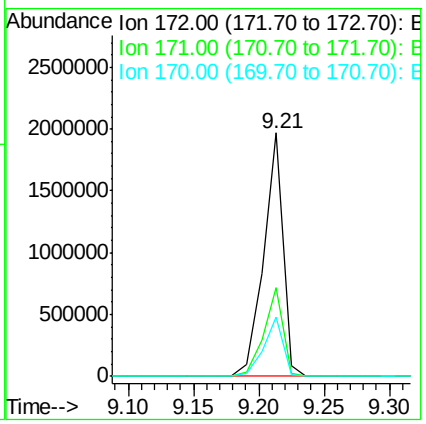


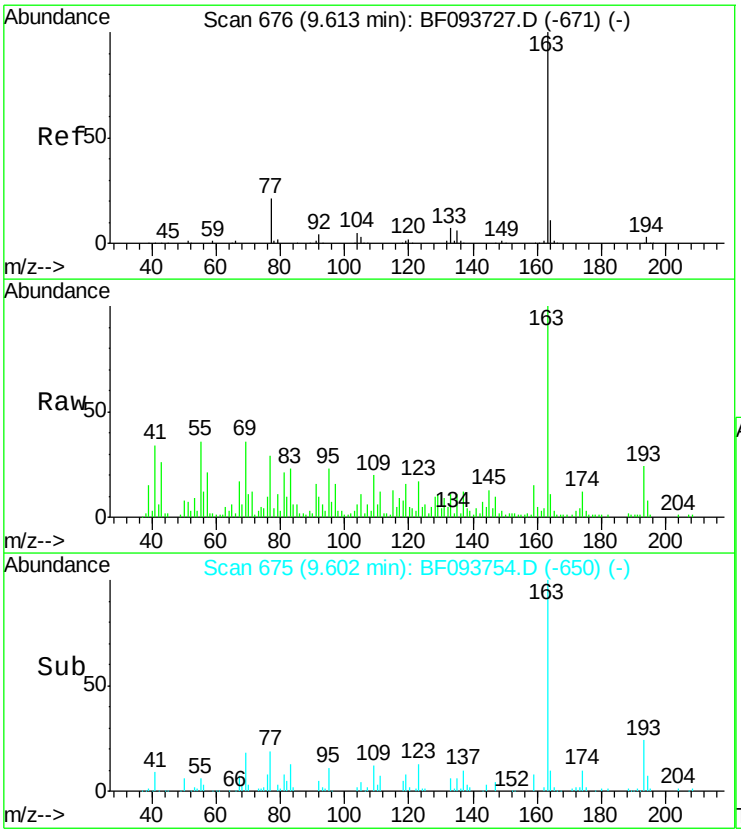
#44
2-Fluorobiphenyl
Concen: 100.56 ng
RT: 9.21 min Scan# 641
Delta R.T. 0.00 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:172 Resp: 2051064

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.4	19.8	29.8

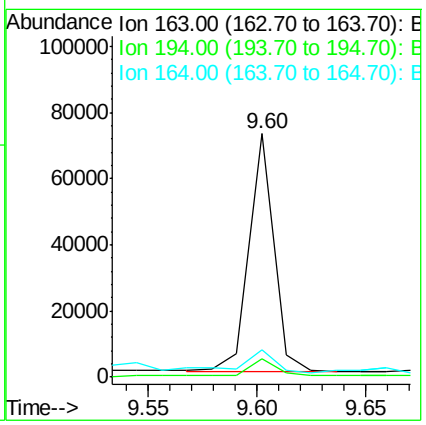


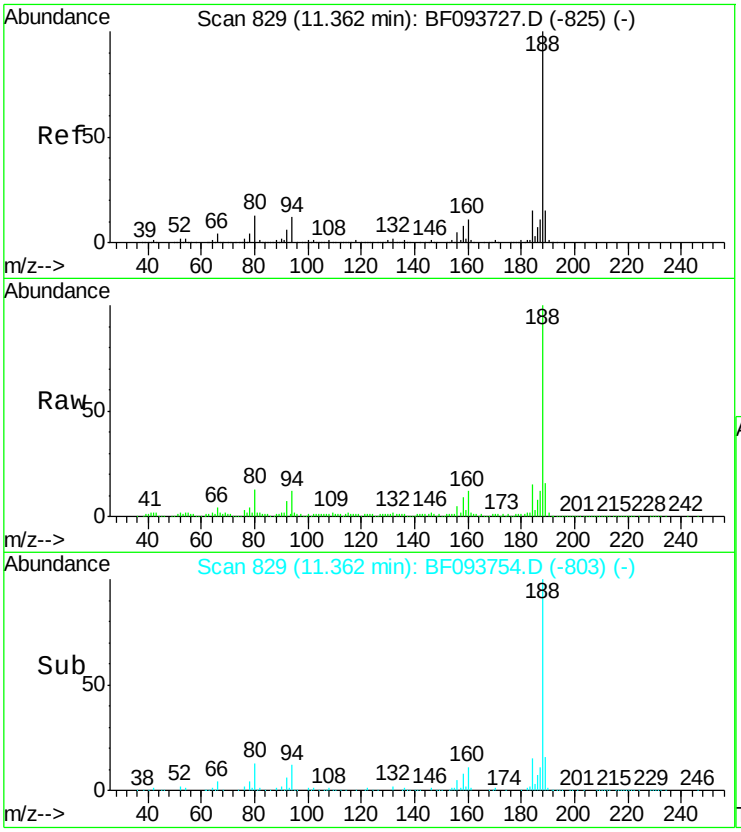


#49
Dimethylphthalate
Concen: 2.29 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Tgt Ion:163 Resp: 57610

Ion	Ratio	Lower	Upper
163	100		
194	7.5	2.6	4.0#
164	11.3	8.4	12.6



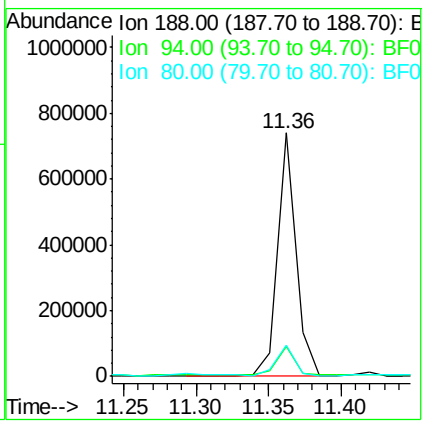


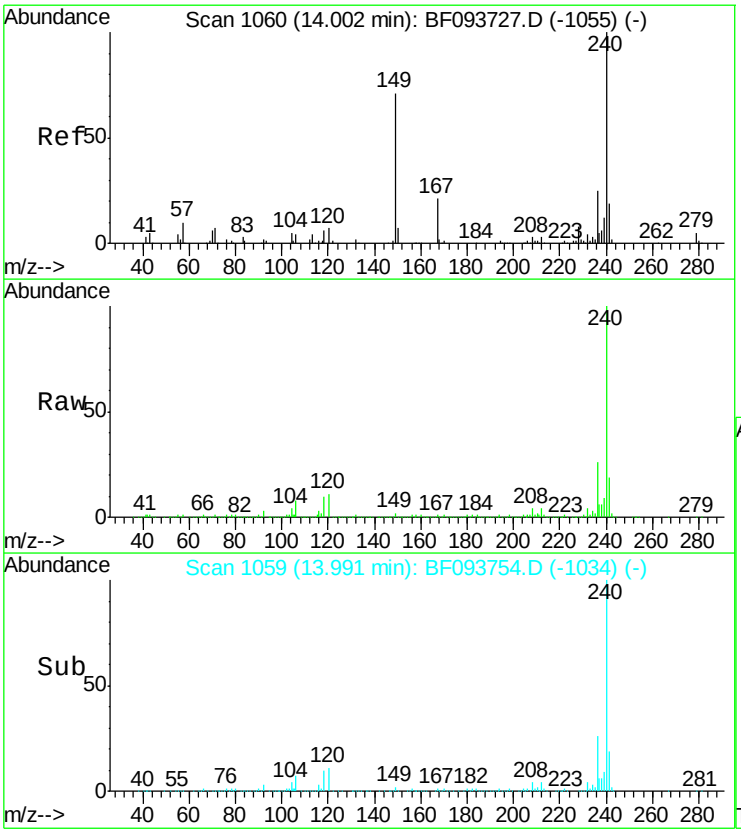
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:188 Resp: 648506

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.9	10.2	15.2

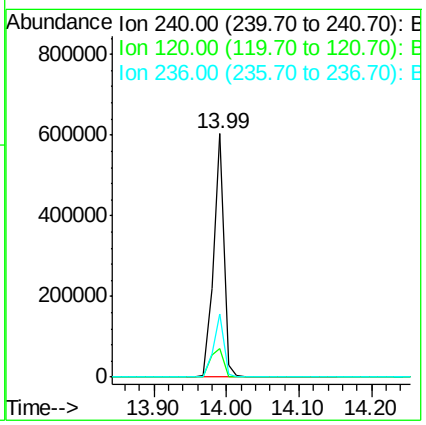


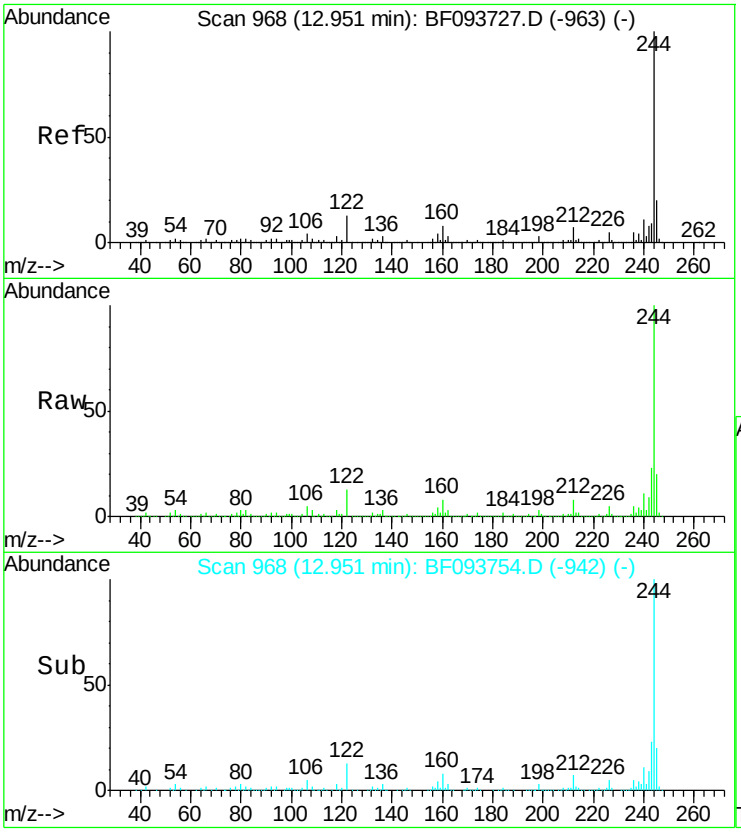


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Tgt Ion:240 Resp: 597397

Ion	Ratio	Lower	Upper
240	100		
120	11.5	5.8	8.8#
236	26.0	20.5	30.7



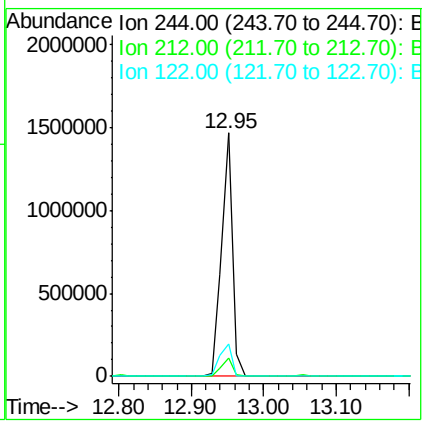


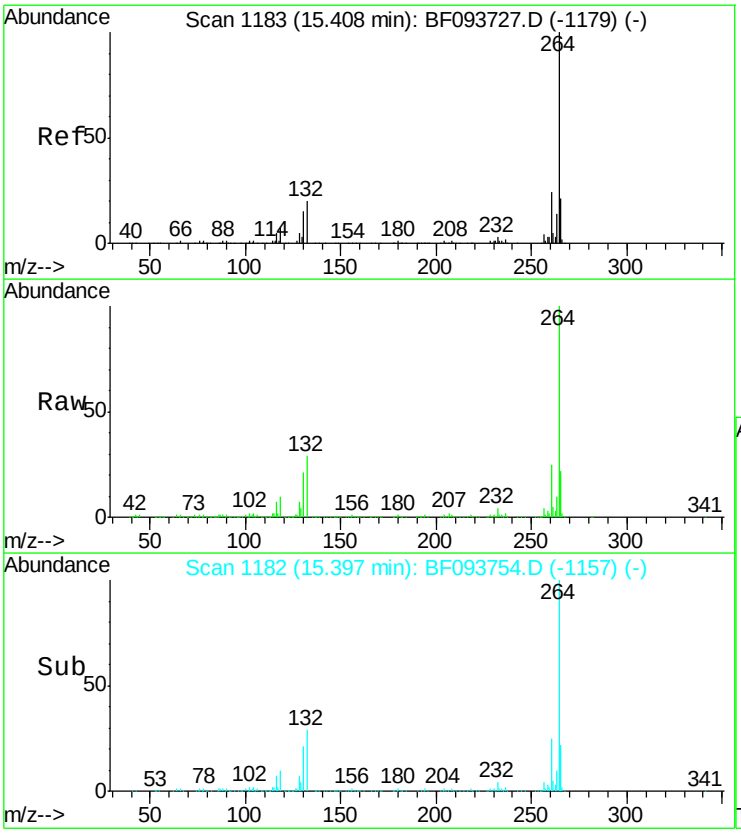
#78
Terphenyl-d14
Concen: 55.52 ng
RT: 12.95 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 1541063

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	13.4	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF093754.D
Acq: 18 Mar 2017 15:22

Tgt Ion:264 Resp: 421605

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.5	29.3
265	21.9	17.2	25.8