Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032117\
Data File : BF093814.D
Acq On : 21 Mar 2017 22:35
Operator : SJ/MA
Sample : I2304-09
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SPA-B5(0-5)

Quant Time: Mar 22 03:21:30 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	201094	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	806875	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	351993	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	493087	20.00	ng	0.00
75) Chrysene-d12	13.97	240	323453	20.00	ng	0.00
86) Perylene-d12	15.38	264	309070	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1501928	130.61	ng	0.01
7) Phenol-d6	6.47	99	2087064	146.88	ng	0.01
23) Nitrobenzene-d5	7.40	82	1257454	88.41	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	359870	132.00	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1711254	81.75	ng	0.00
78) Terphenyl-d14	12.93	244	998197	62.92	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.47	94	89971	5.63	ng	# 20
49) Dimethylphthalate	9.58	163	267242	10.67	ng	# 99
79) Butylbenzylphthalate	13.41	149	31749	2.64	ng	# 77

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

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SPA-B5(0-5)

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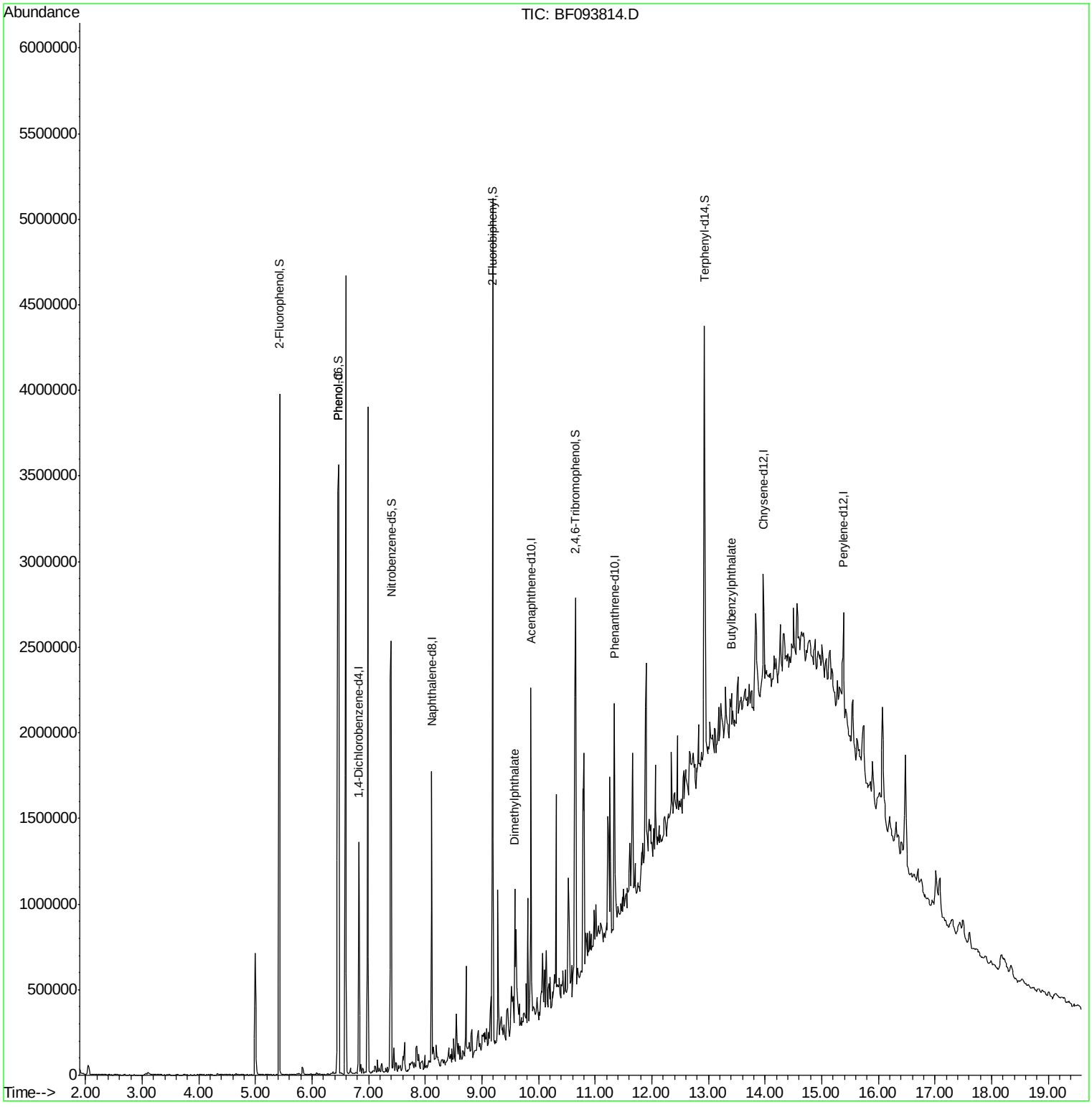
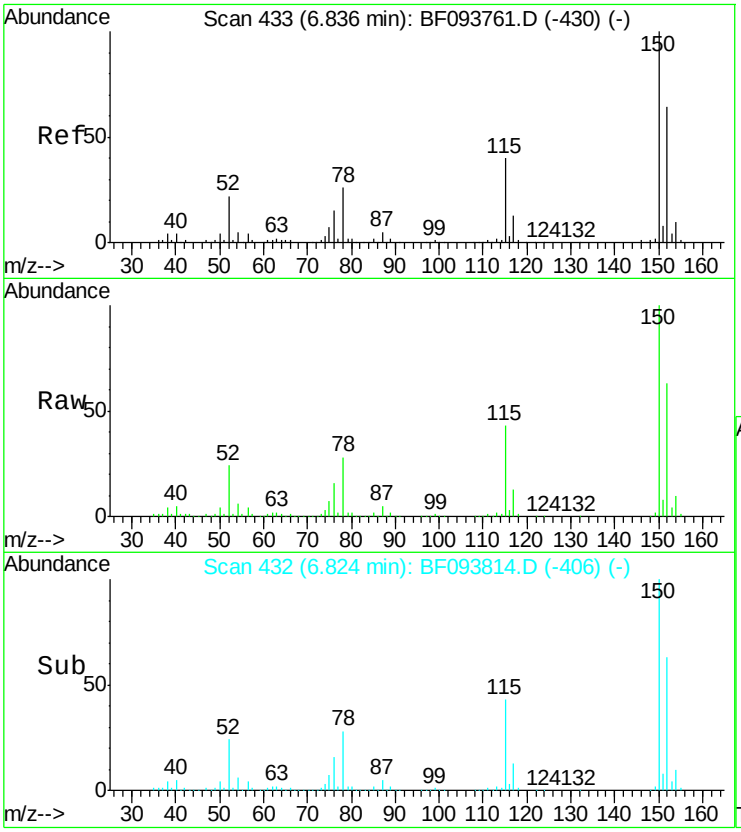


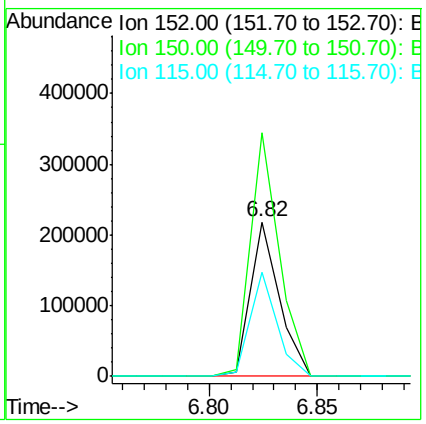


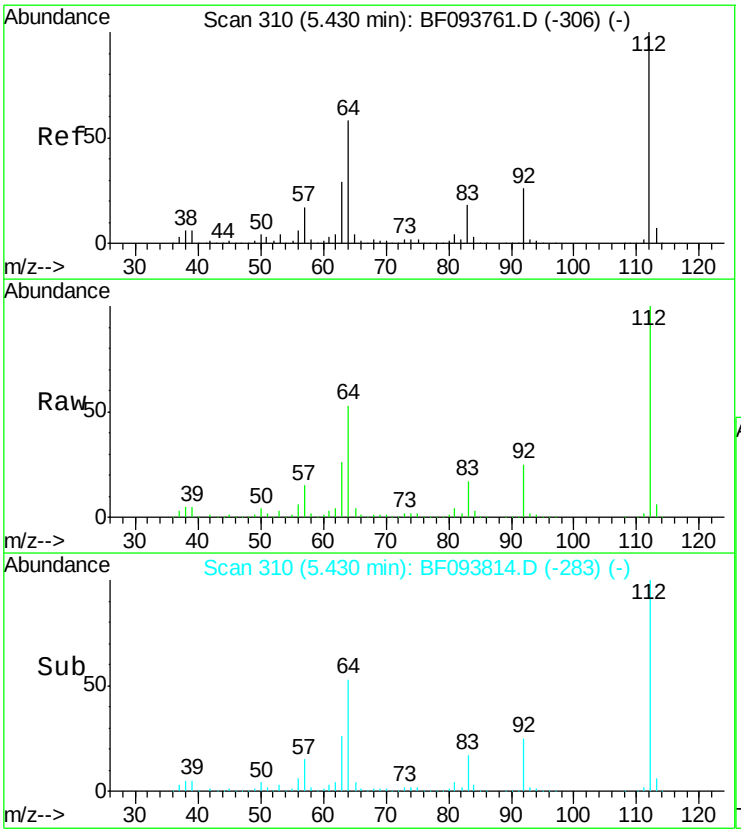
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion:152 Resp: 201094

Ion	Ratio	Lower	Upper
152	100		
150	157.5	126.2	189.2
115	67.2	52.2	78.2

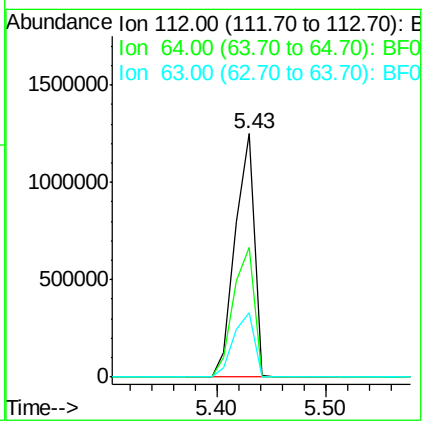


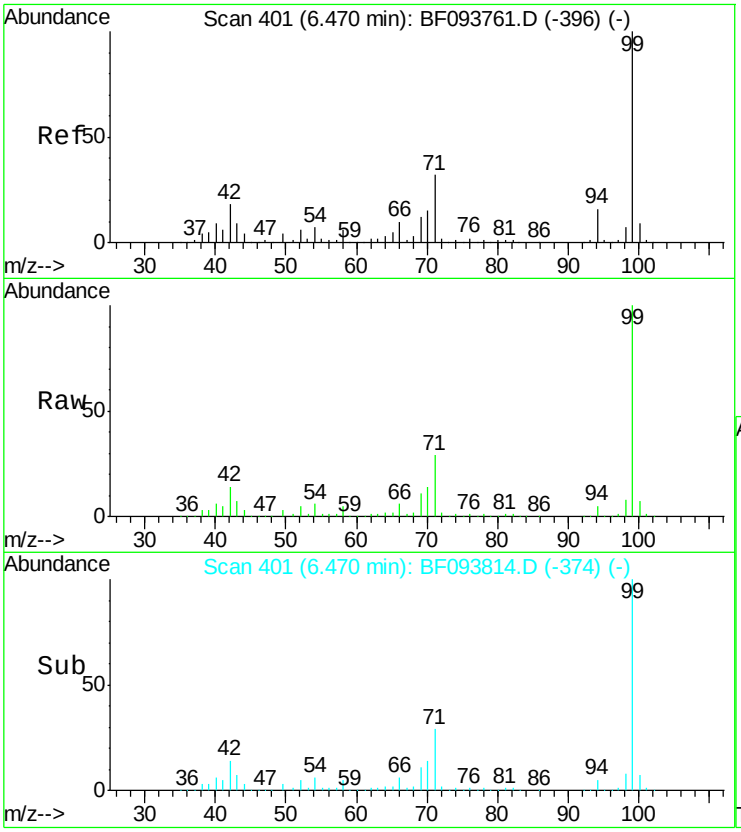


#5
2-Fluorophenol
Concen: 130.61 ng
RT: 5.43 min Scan# 310
Delta R.T. 0.01 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion:112 Resp: 1501928

Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.0	69.0
63	26.3	23.4	35.0



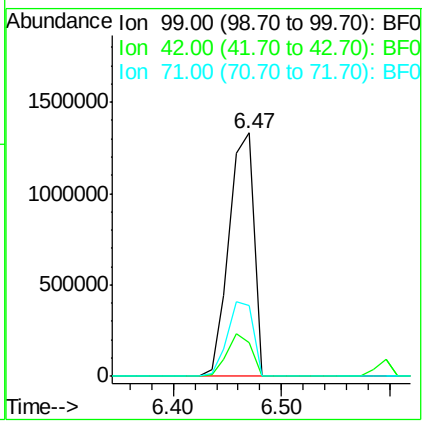


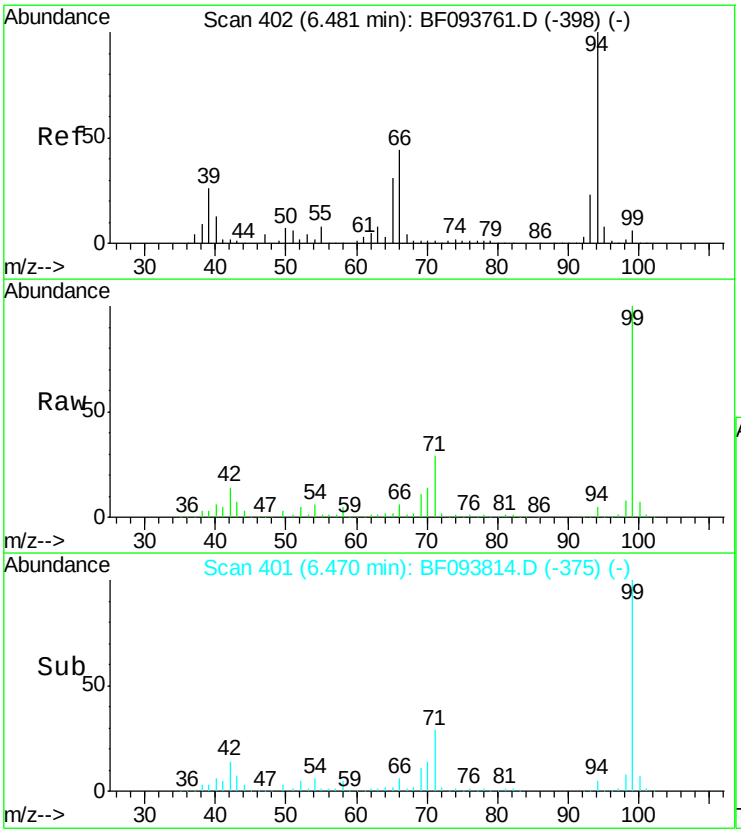
#7
Phenol-d6
Concen: 146.88 ng
RT: 6.47 min Scan# 401
Delta R.T. 0.01 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion: 99 Resp: 2087064

Ion	Ratio	Lower	Upper
99	100		
42	14.0	13.5	20.3
71	29.3	24.5	36.7

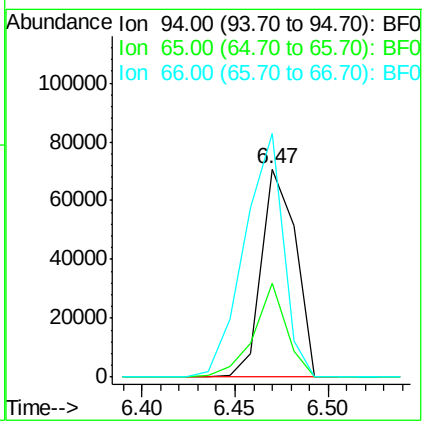


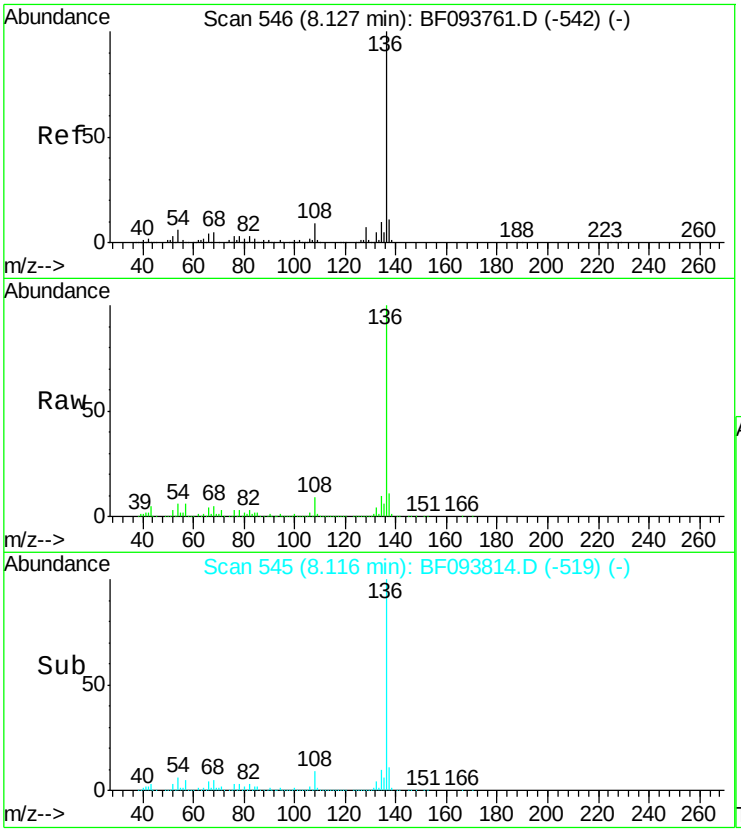


#10
Phenol
Concen: 5.63 ng
RT: 6.47 min Scan# 401
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion: 94 Resp: 89971

Ion	Ratio	Lower	Upper
94	100		
65	45.3	9.9	49.9
66	117.0	23.1	63.1#



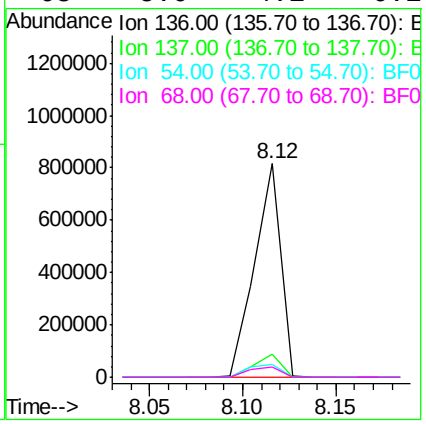


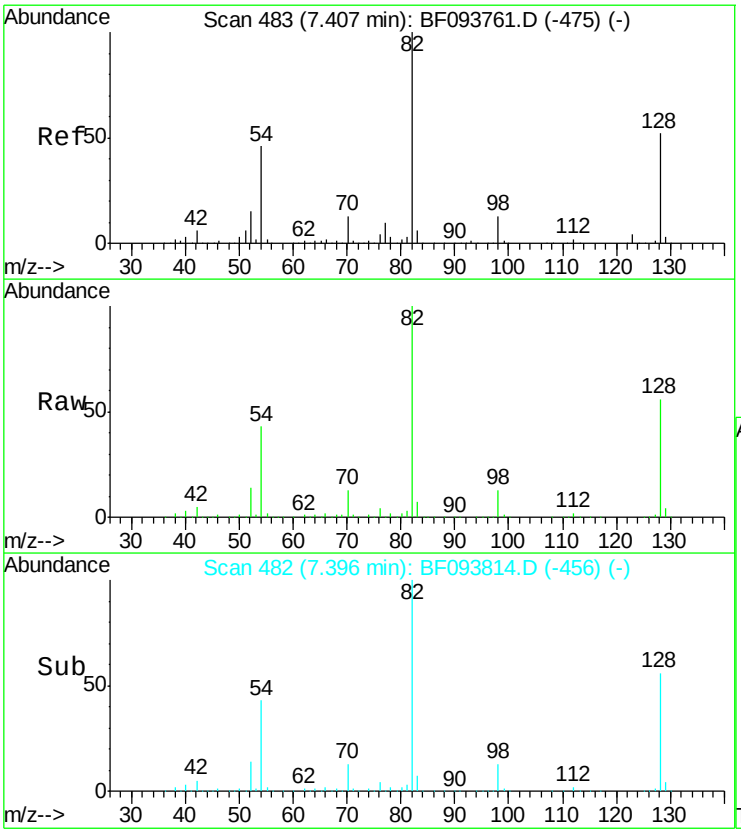
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion:136 Resp: 806875

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	5.9	4.9	7.3
68	5.0	4.1	6.1

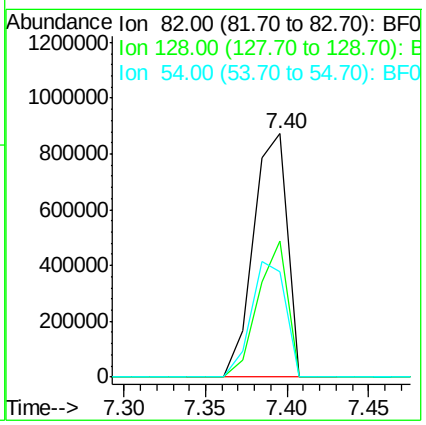


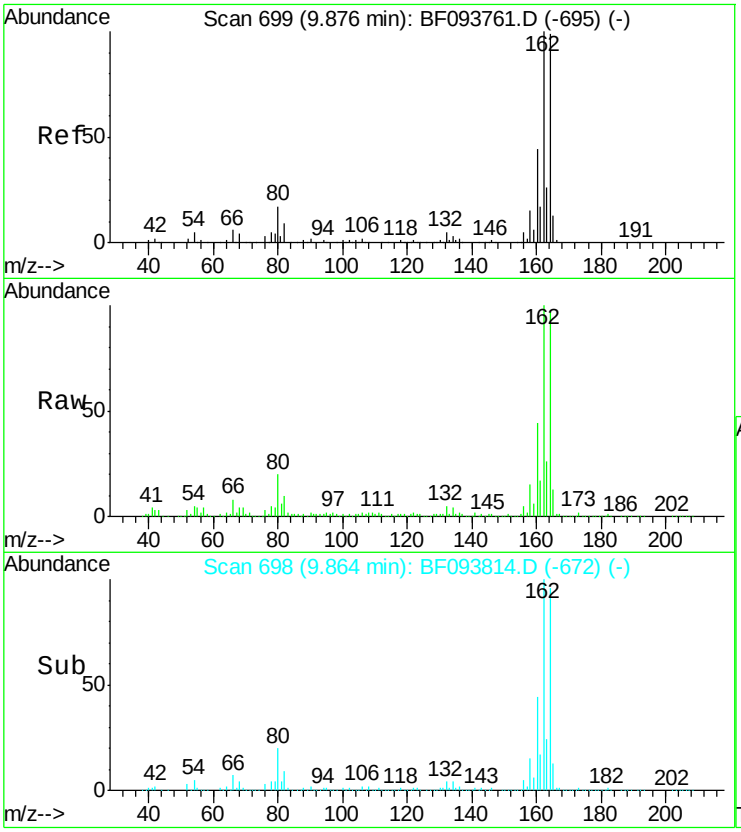


#23
Nitrobenzene-d5
Concen: 88.41 ng
RT: 7.40 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion: 82 Resp: 1257454

Ion	Ratio	Lower	Upper
82	100		
128	55.8	34.0	51.0#
54	43.1	42.2	63.2



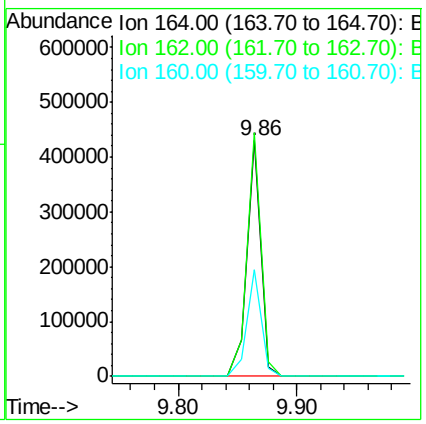


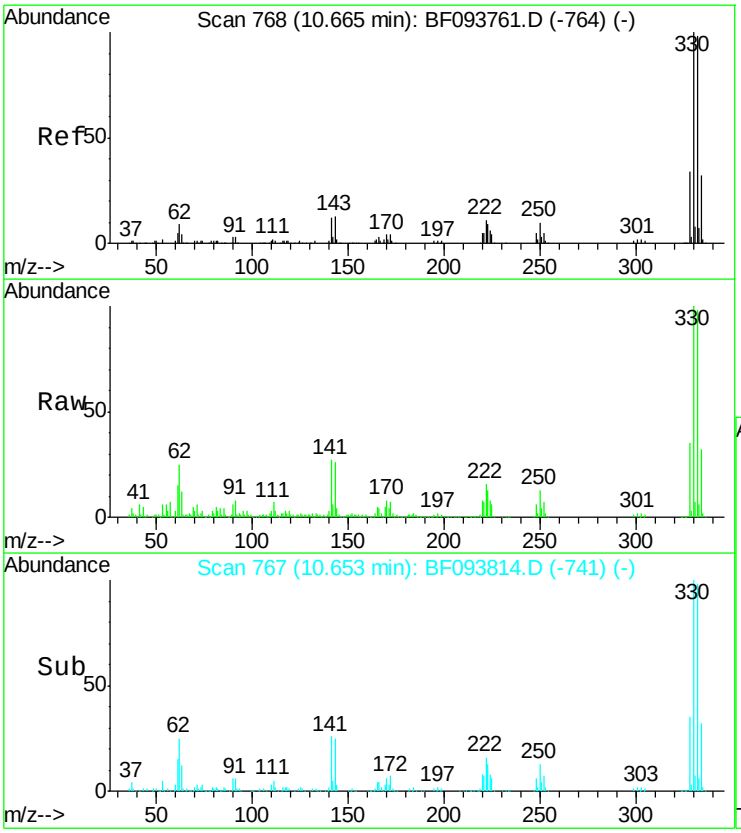
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion:164 Resp: 351993

Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.3	36.2	54.2

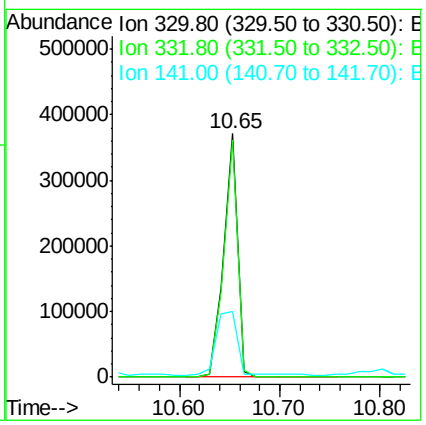


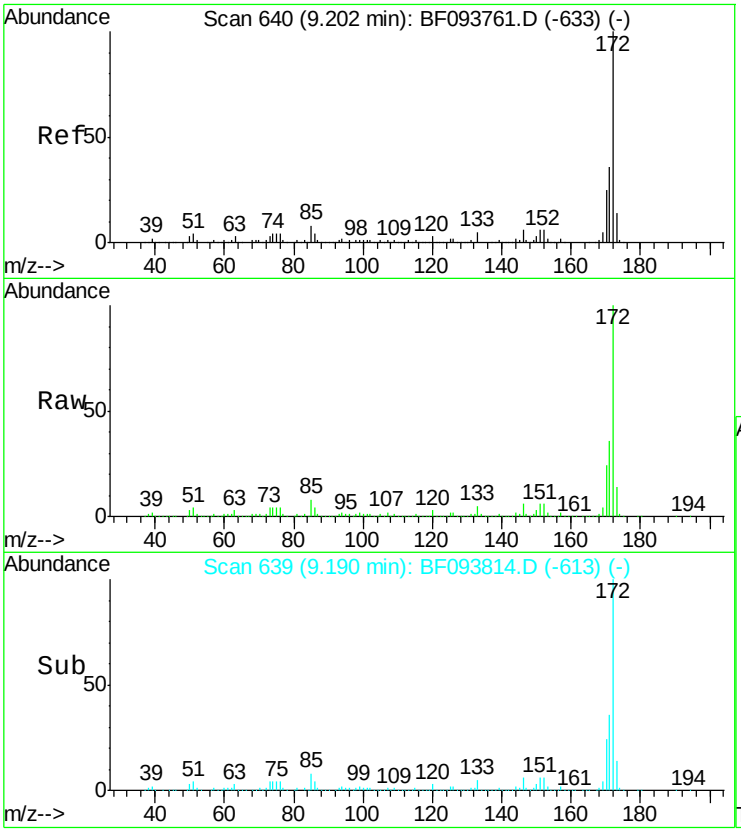


#41
2,4,6-Tribromophenol
Concen: 132.00 ng
RT: 10.65 min Scan# 767
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion:330 Resp: 359870

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	39.8	31.4	47.2



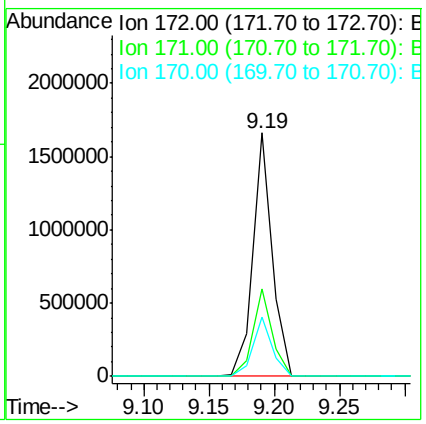


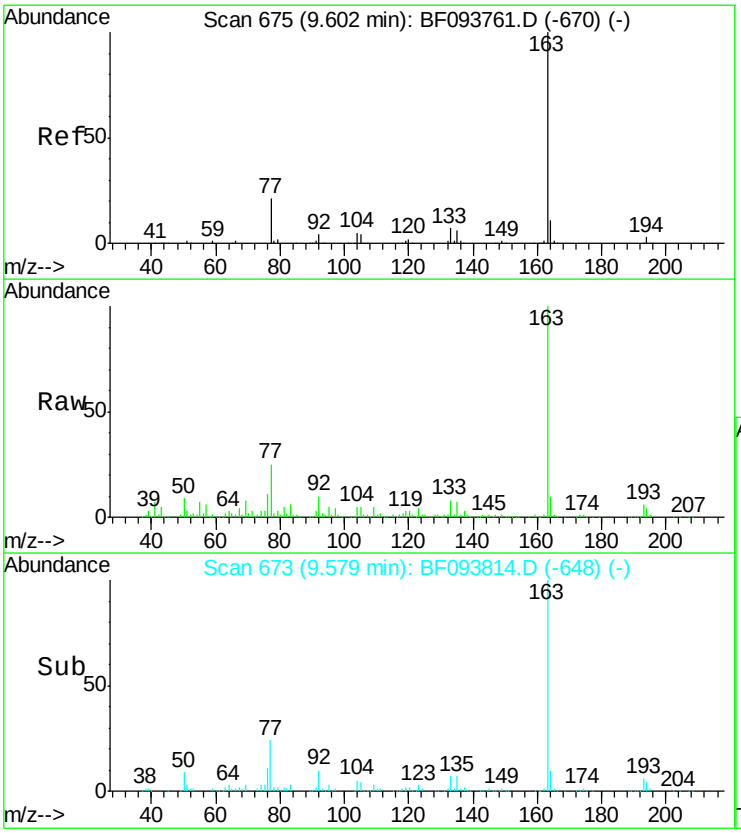
#44
2-Fluorobiphenyl
Concen: 81.75 ng
RT: 9.19 min Scan# 639
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion:172 Resp: 1711254

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.2	19.8	29.8

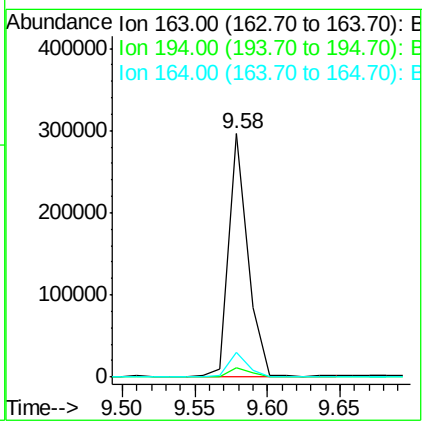


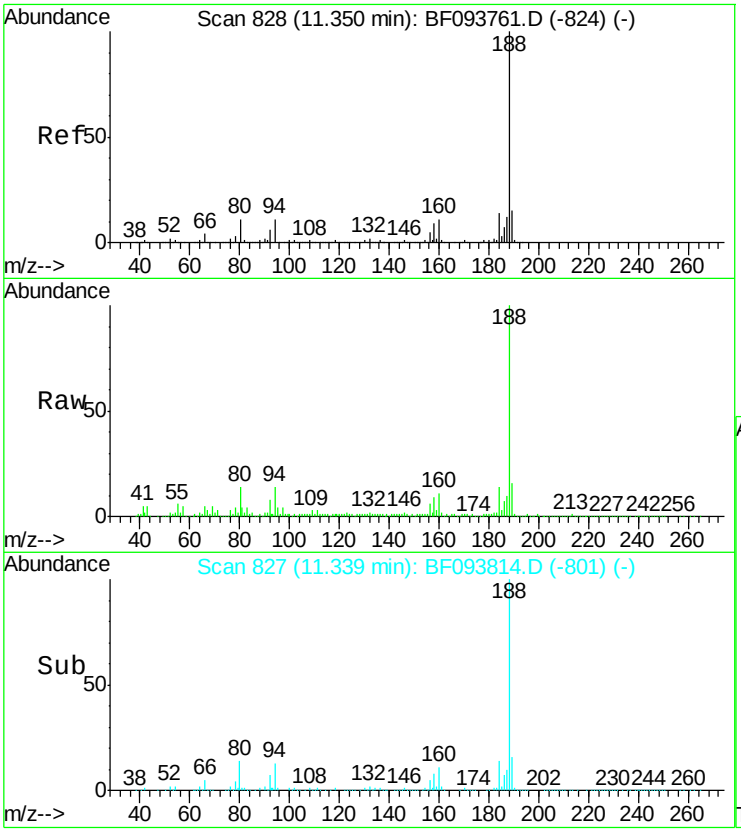


#49
Dimethylphthalate
Concen: 10.67 ng
RT: 9.58 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion:163 Resp: 267242

Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	10.4	8.4	12.6



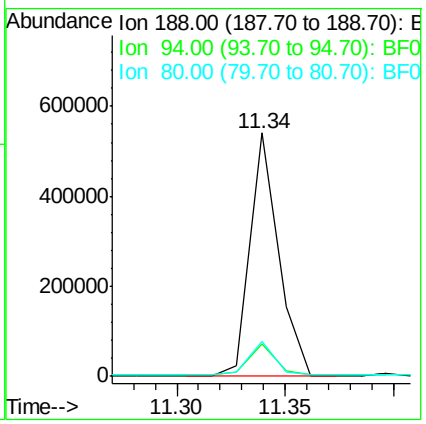


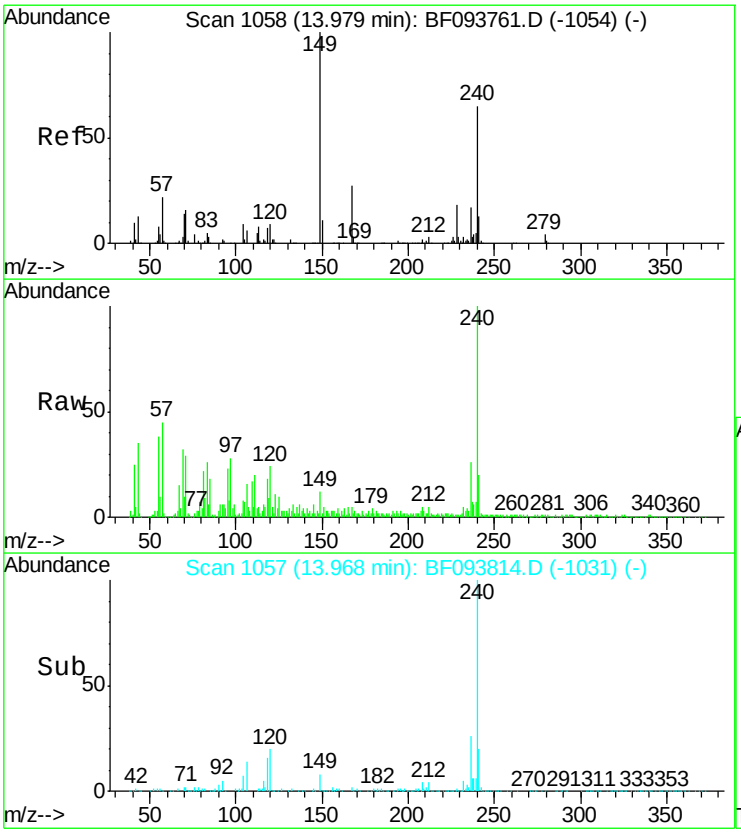
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 827
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion:188 Resp: 493087

Ion	Ratio	Lower	Upper
188	100		
94	13.6	9.4	14.2
80	14.4	10.2	15.2

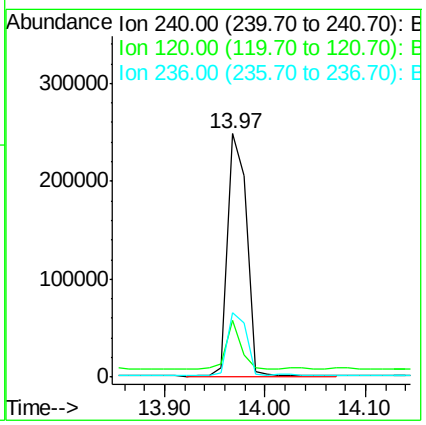


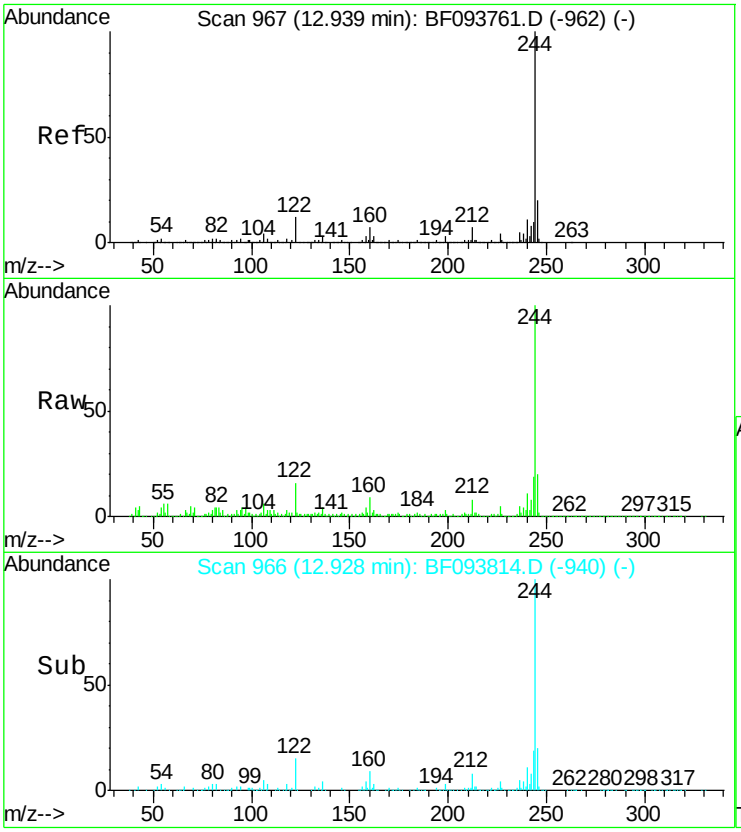


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion:240 Resp: 323453

Ion	Ratio	Lower	Upper
240	100		
120	23.6	5.8	8.8#
236	26.4	20.5	30.7



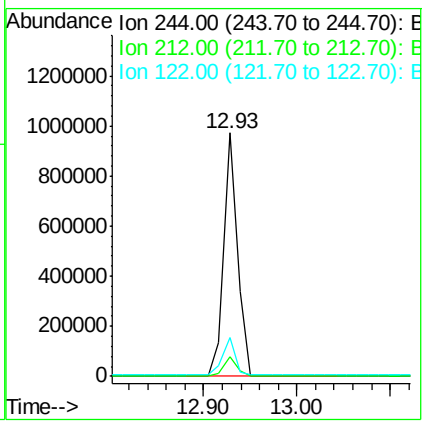


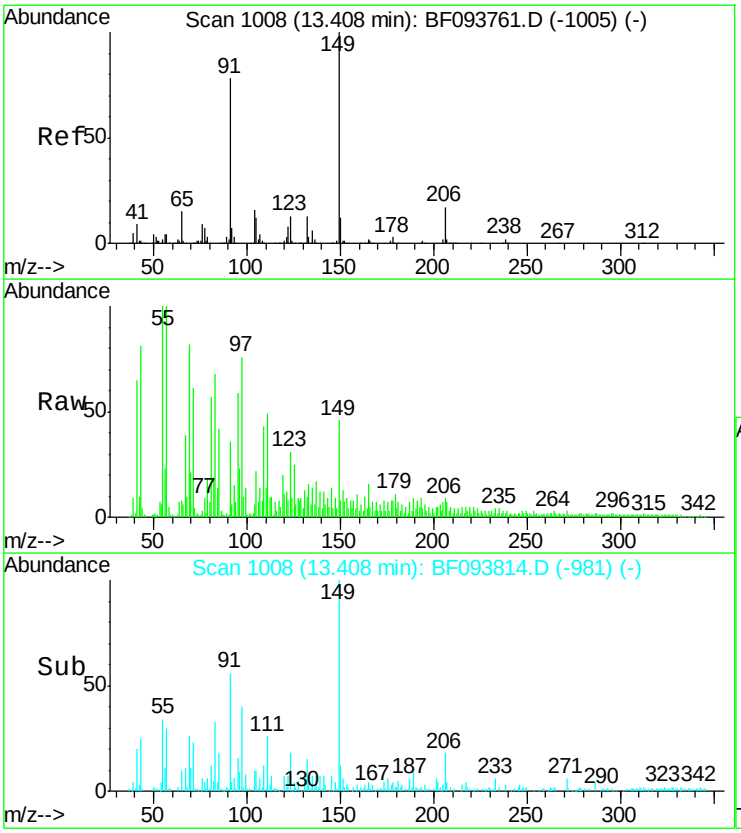
#78
Terphenyl-d14
Concen: 62.92 ng
RT: 12.93 min Scan# 966
Delta R.T. -0.00 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion:244 Resp: 998197

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.0	9.0
122	15.9	10.3	15.5#

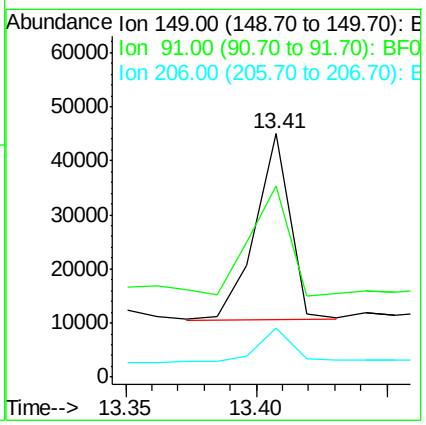


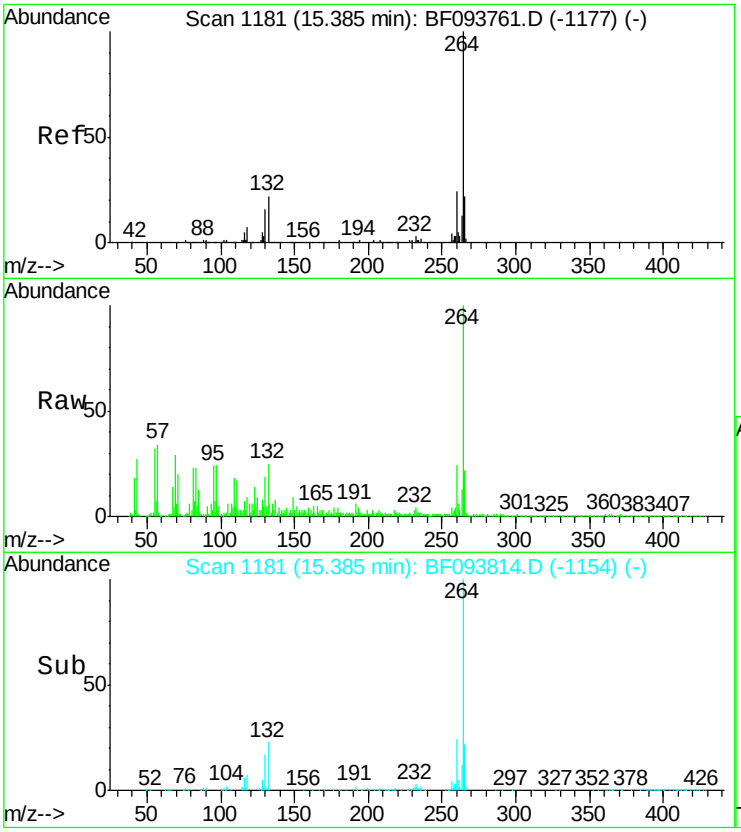


#79
Butylbenzylphthalate
Concen: 2.64 ng
RT: 13.41 min Scan# 1008
Delta R.T. 0.01 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Tgt Ion:149 Resp: 31749

Ion	Ratio	Lower	Upper
149	100		
91	78.4	45.0	67.4#
206	20.3	17.0	25.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1181
Delta R.T. 0.01 min
Lab File: BF093814.D
Acq: 21 Mar 2017 22:35

Instrument :
BNA_F
ClientSampleId :
SPA-B5(0-5)

Tgt Ion:264 Resp: 309070

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	22.3	17.2	25.8