Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091401.D
Acq On : 2 Dec 2016 20:47
Operator : UM/SJ
Sample : H5819-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 113016-10

Quant Time: Dec 02 23:22:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	203871	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	774817	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	489405	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	824680	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	703485	20.00	ng	-0.03
86) Perylene-d12	15.44	264	495725	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1163989	93.27	ng	0.00
7) Phenol-d6	6.49	99	1582239	102.99	ng	0.00
23) Nitrobenzene-d5	7.42	82	822829	59.51	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	443385	95.70	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1731192	64.05	ng	-0.02
78) Terphenyl-d14	12.97	244	1831592	56.59	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.50	94	70271	3.89	ng	75
49) Dimethylphthalate	9.61	163	194943	6.58	ng	98

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

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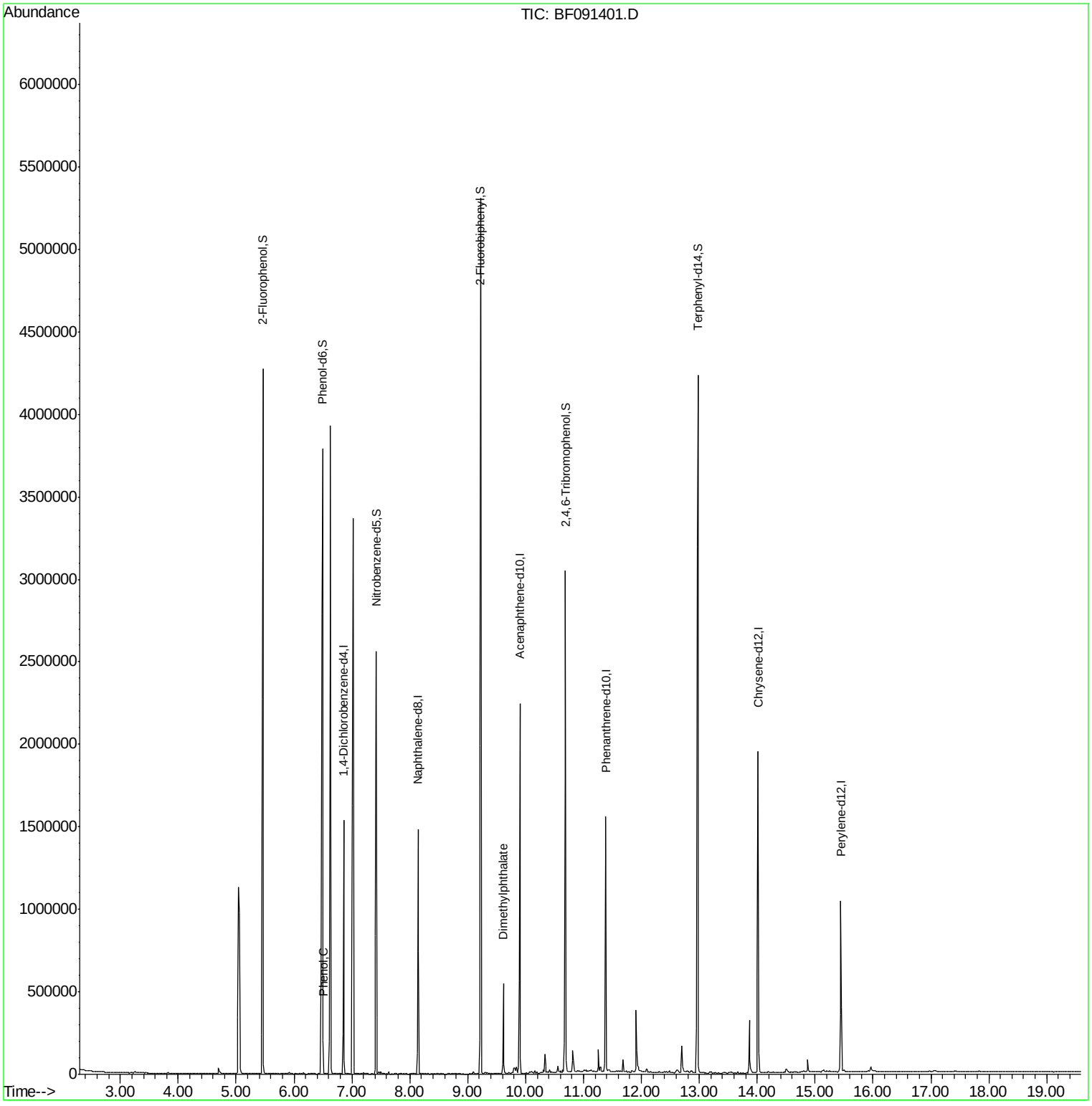
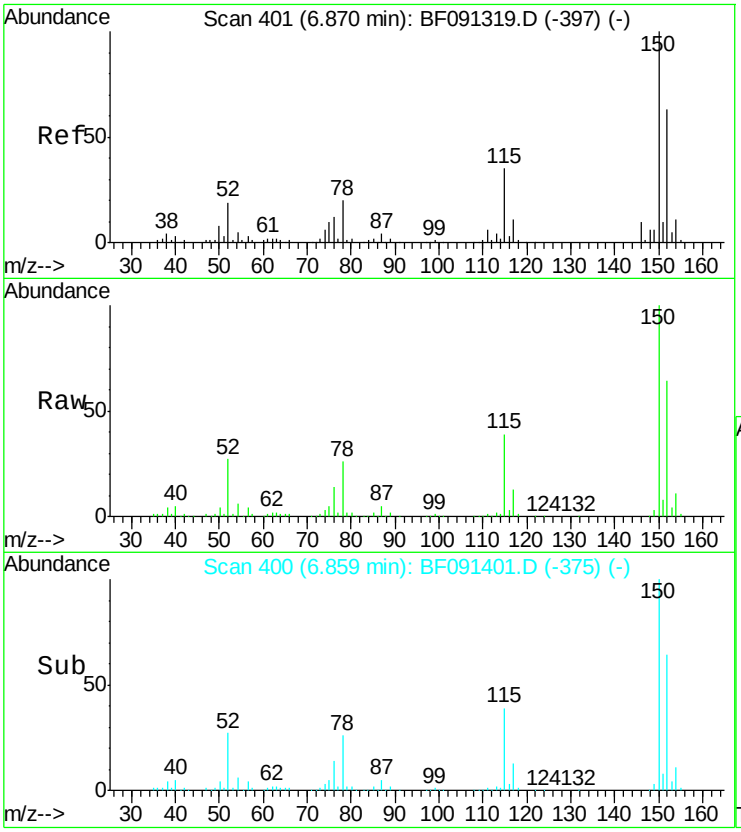


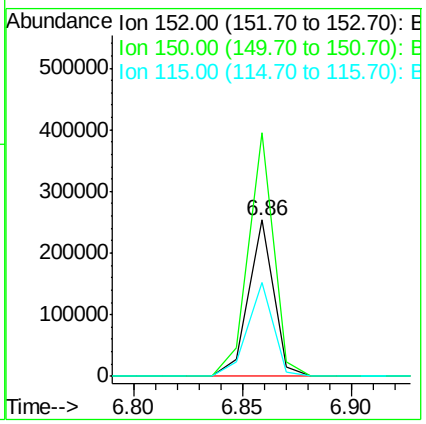


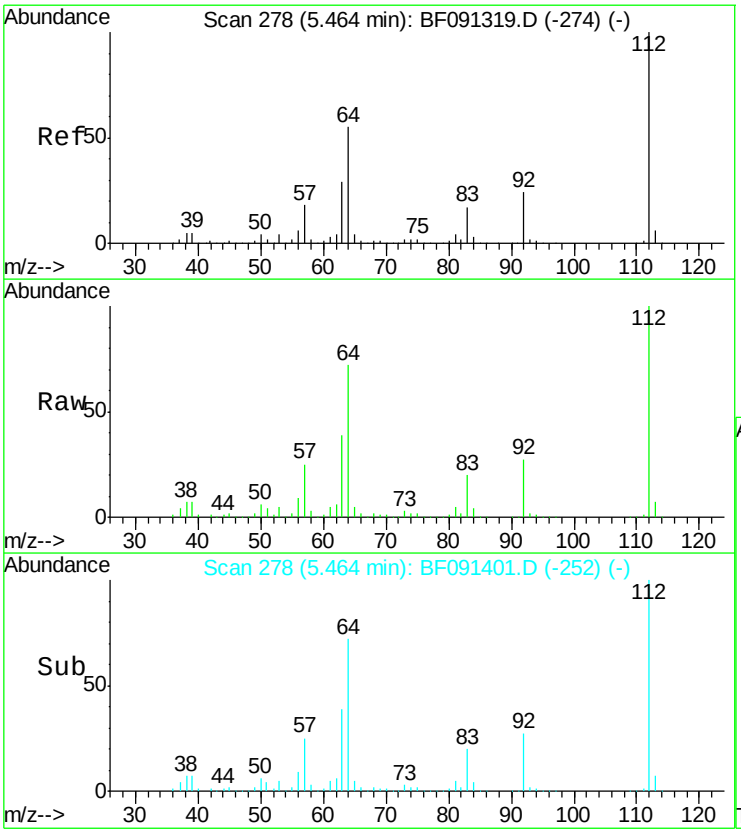
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Instrument :
BNA_F
ClientSampleId :
113016-10

Tgt Ion:152 Resp: 203871

Ion	Ratio	Lower	Upper
152	100		
150	155.8	122.5	183.7
115	60.3	51.8	77.8

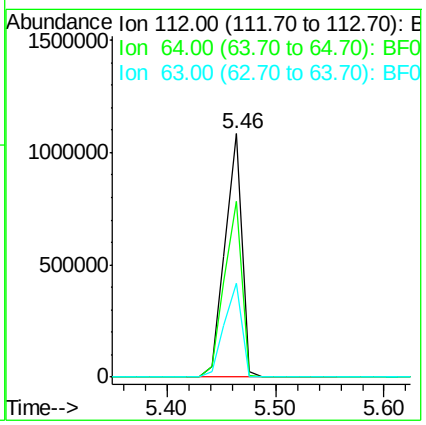


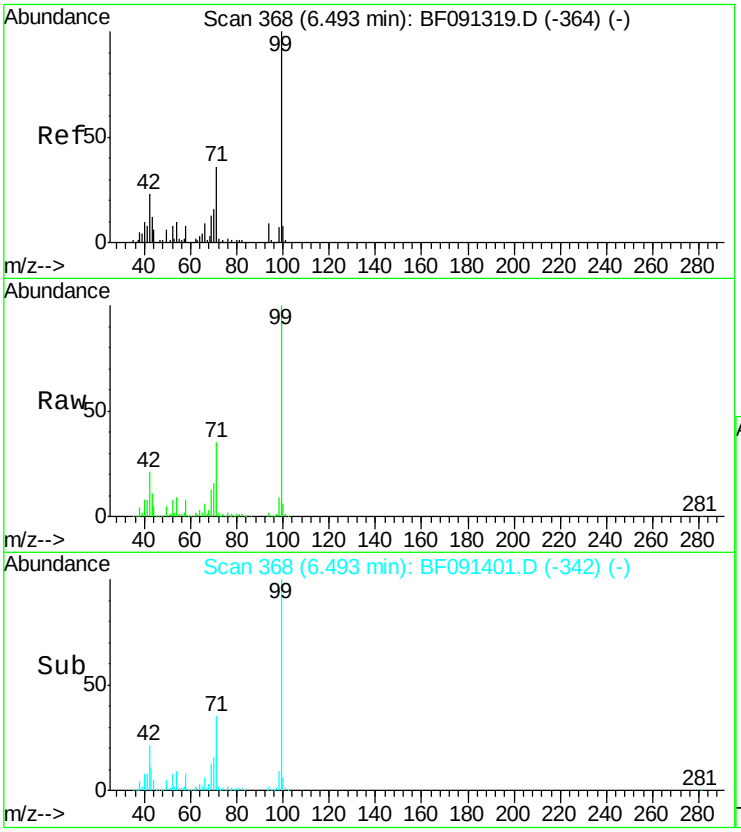


#5
2-Fluorophenol
Concen: 93.27 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Tgt Ion:112 Resp: 1163989

Ion	Ratio	Lower	Upper
112	100		
64	72.0	61.5	92.3
63	38.8	33.3	49.9



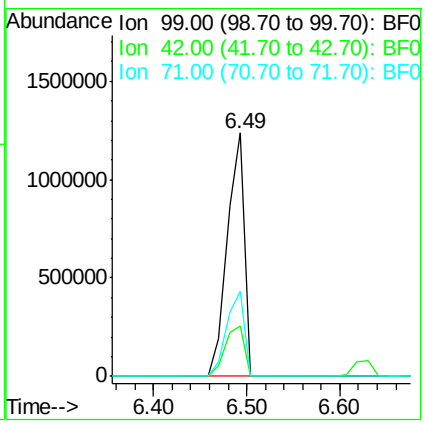


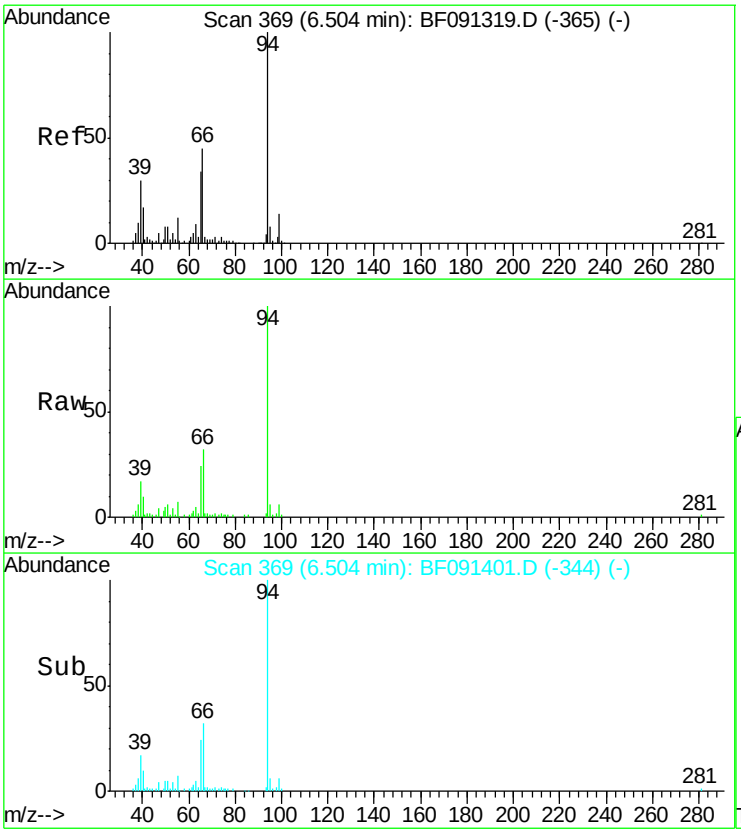
#7
Phenol-d6
Concen: 102.99 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Instrument :
BNA_F
ClientSampleId :
113016-10

Tgt Ion: 99 Resp: 1582239

Ion	Ratio	Lower	Upper
99	100		
42	20.8	20.6	31.0
71	34.7	29.9	44.9

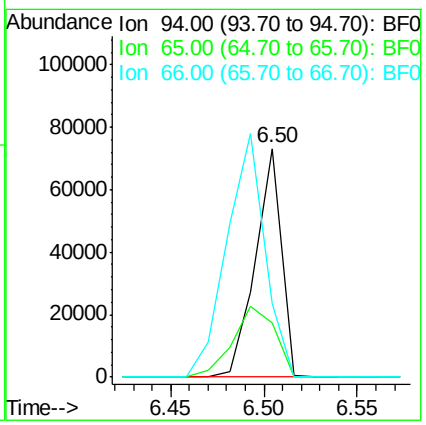


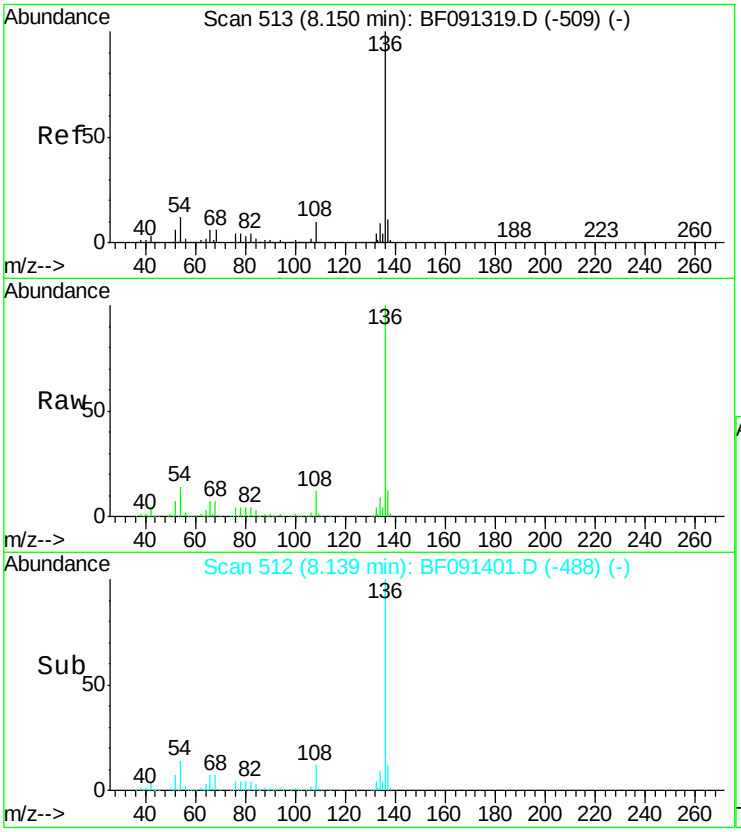


#10
Phenol
Concen: 3.89 ng
RT: 6.50 min Scan# 369
Delta R.T. -0.02 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Tgt Ion: 94 Resp: 70271

Ion	Ratio	Lower	Upper
94	100		
65	23.5	16.9	56.9
66	32.3	30.6	70.6



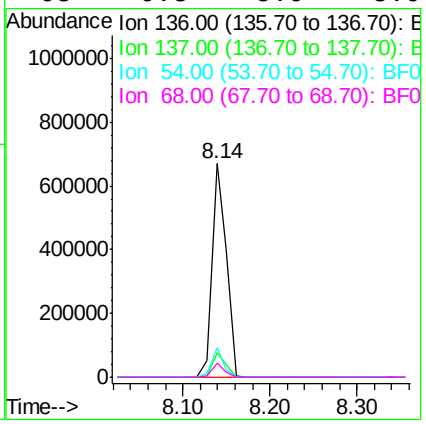


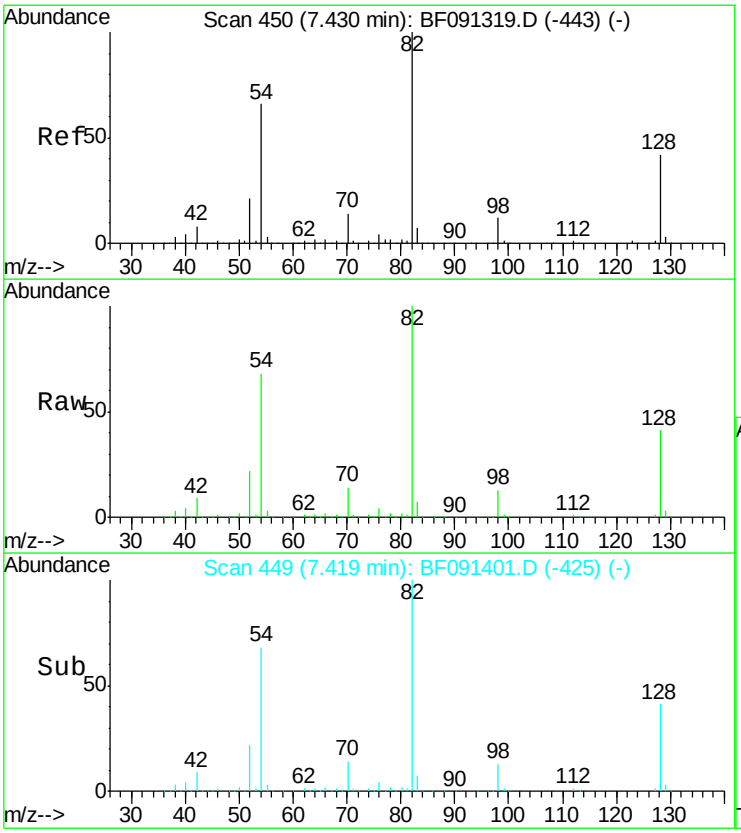
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Instrument :
BNA_F
ClientSampleId :
113016-10

Tgt Ion:136 Resp: 774817

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	13.9	9.1	13.7#
68	6.8	5.9	8.9

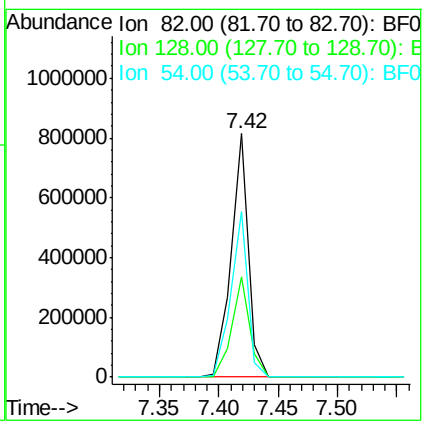


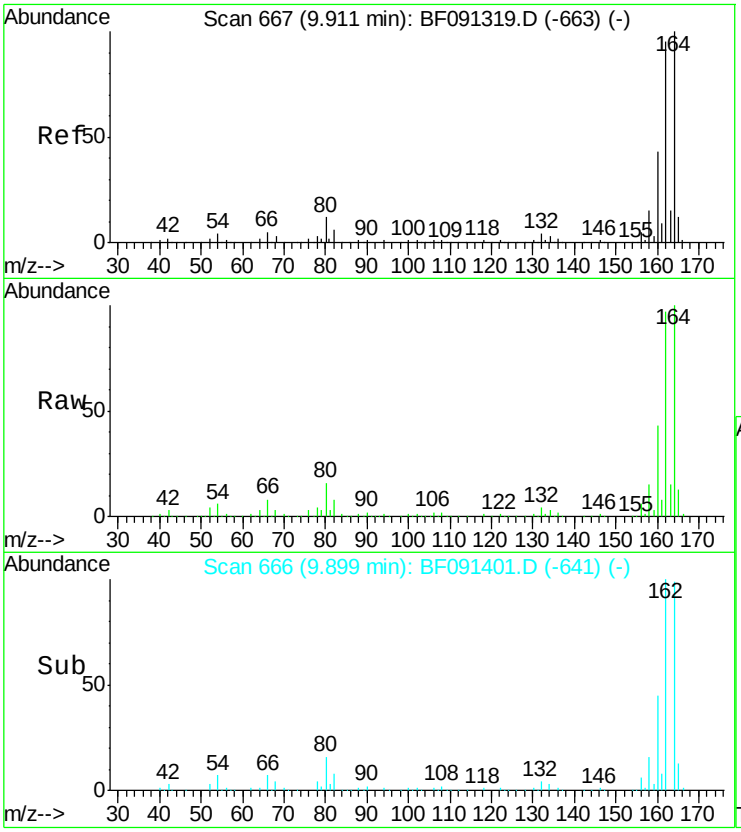


#23
Nitrobenzene-d5
Concen: 59.51 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Tgt Ion: 82 Resp: 822829

Ion	Ratio	Lower	Upper
82	100		
128	41.0	31.8	47.6
54	68.1	49.1	73.7



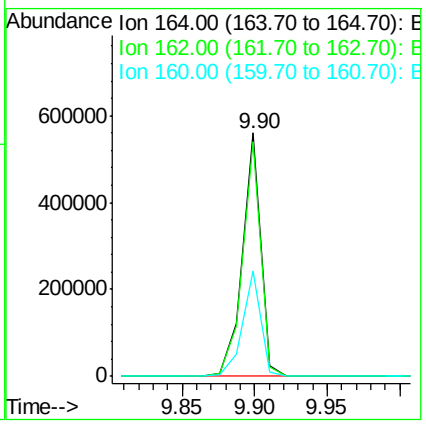


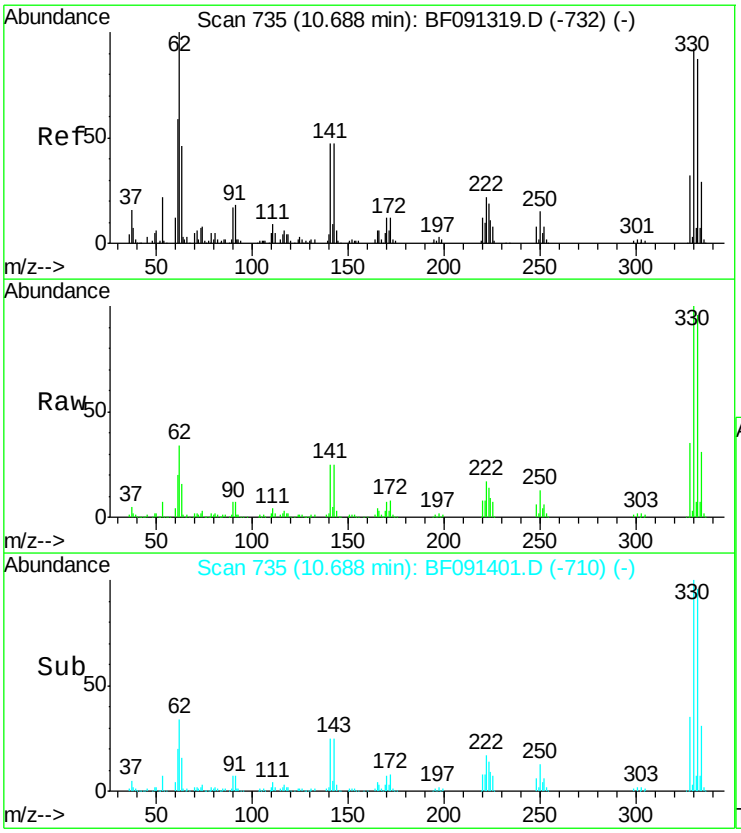
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Instrument :
BNA_F
ClientSampleId :
113016-10

Tgt Ion:164 Resp: 489405

Ion	Ratio	Lower	Upper
164	100		
162	96.6	82.6	124.0
160	43.5	36.7	55.1

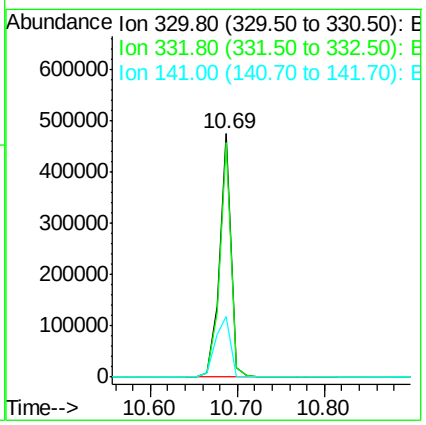


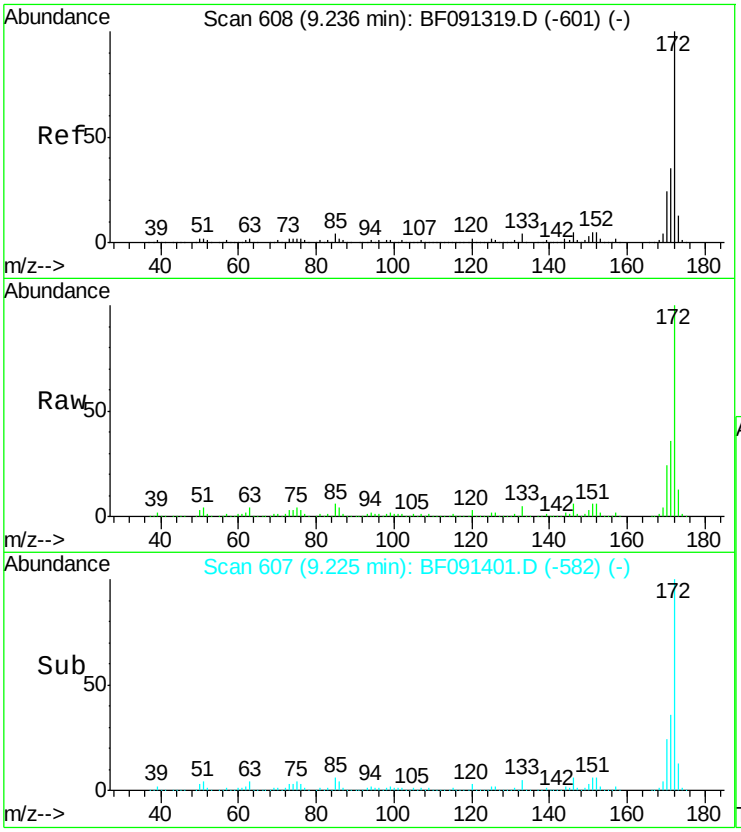


#41
2,4,6-Tribromophenol
Concen: 95.70 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Tgt Ion:330 Resp: 443385

Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.2	114.4
141	32.8	33.6	50.4#



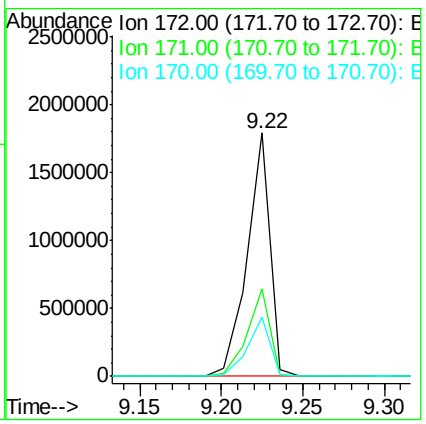


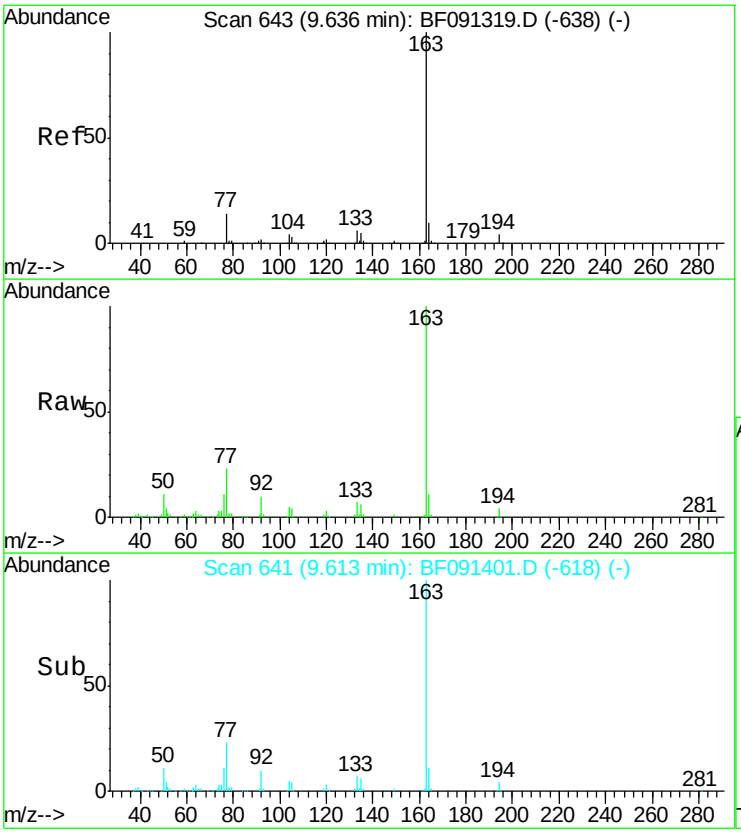
#44
2-Fluorobiphenyl
Concen: 64.05 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Instrument :
BNA_F
ClientSampleId :
113016-10

Tgt Ion:172 Resp: 1731192

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.3	19.7	29.5

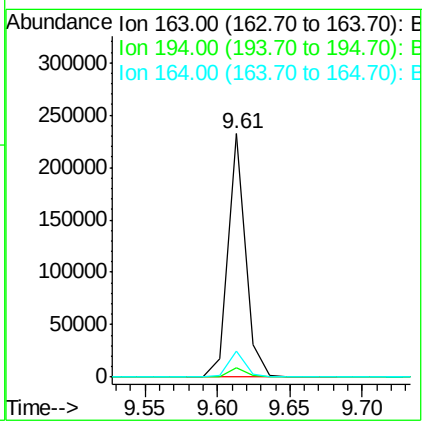


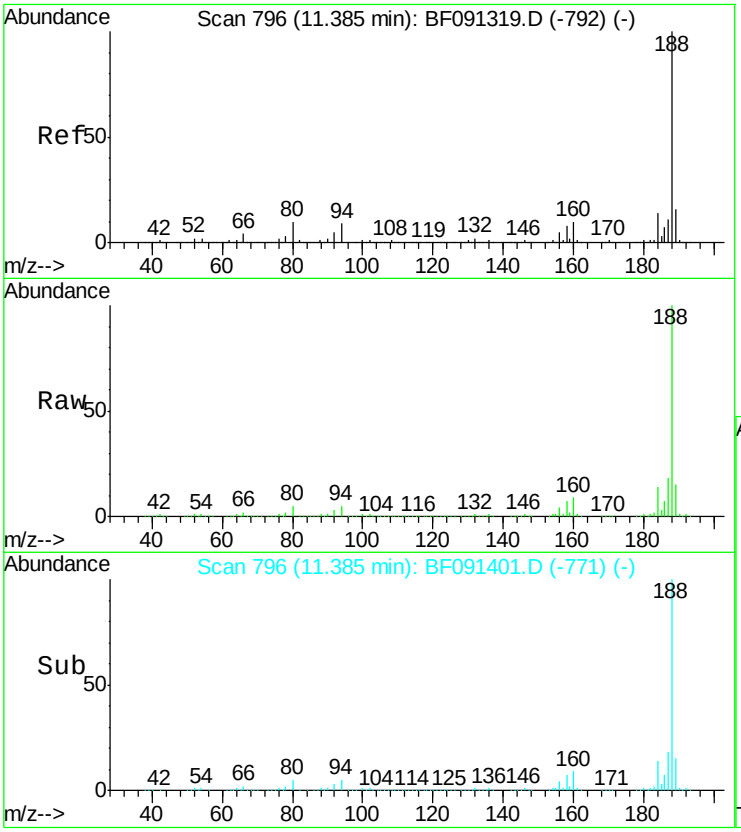


#49
Dimethylphthalate
Concen: 6.58 ng
RT: 9.61 min Scan# 641
Delta R.T. -0.04 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Tgt Ion:163 Resp: 194943

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	10.8	7.8	11.8



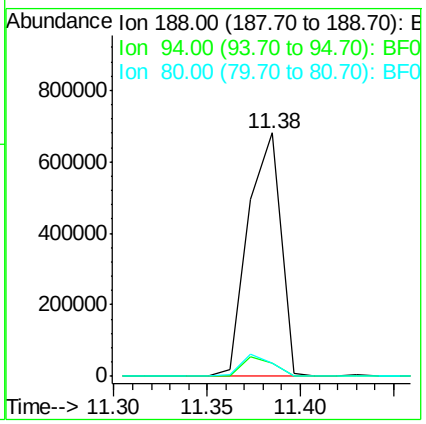


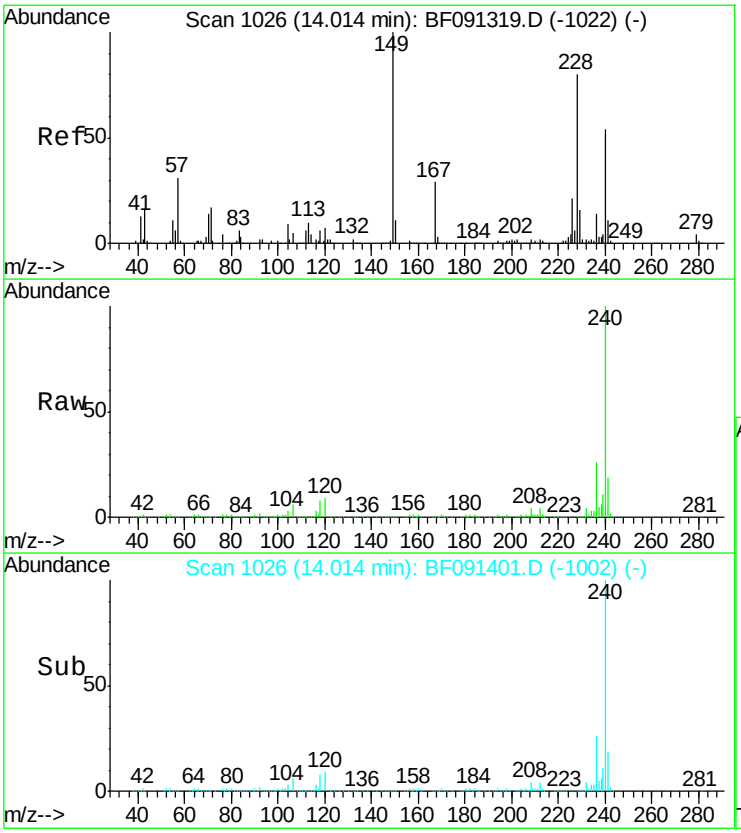
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Instrument :
BNA_F
ClientSampleId :
113016-10

Tgt Ion:188 Resp: 824680

Ion	Ratio	Lower	Upper
188	100		
94	5.4	9.2	13.8#
80	5.2	10.5	15.7#

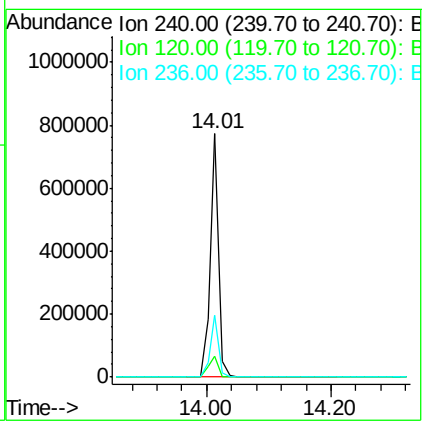


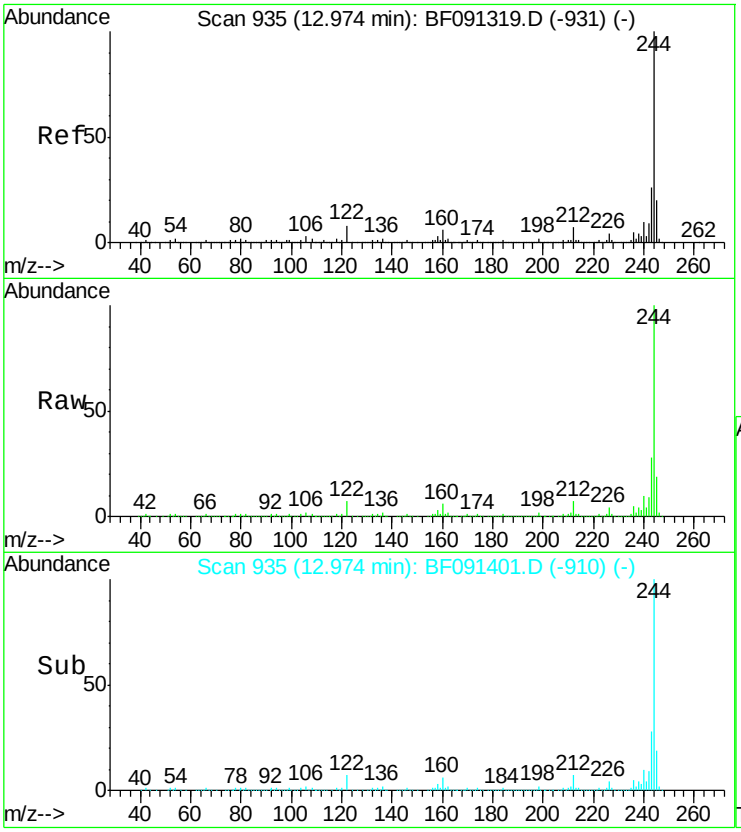


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Tgt Ion:240 Resp: 703485

Ion	Ratio	Lower	Upper
240	100		
120	8.6	12.1	18.1#
236	25.6	21.0	31.6



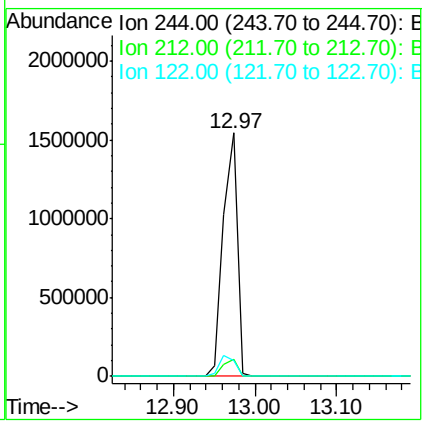


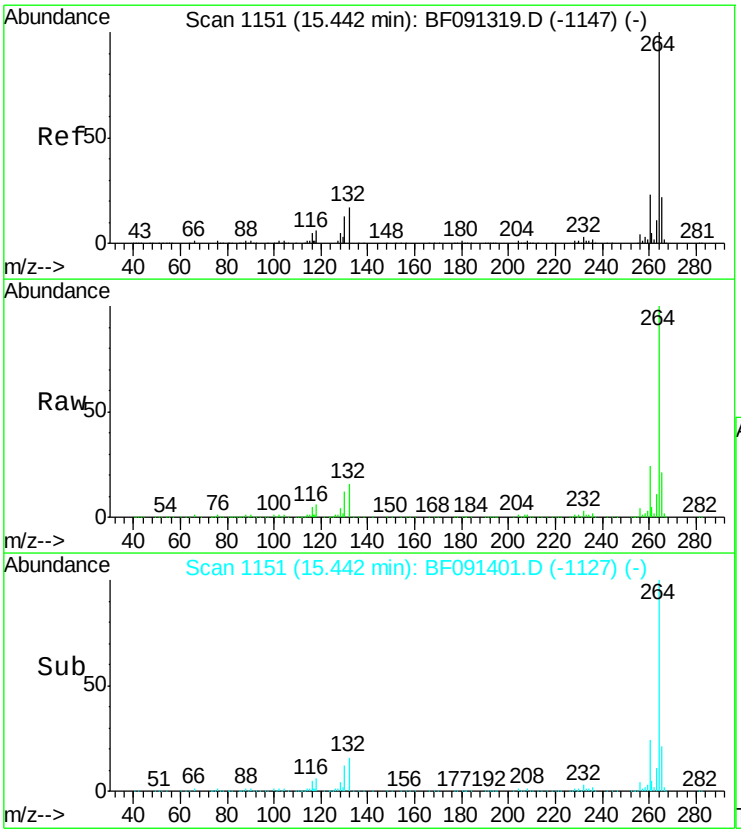
#78
Terphenyl-d14
Concen: 56.59 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Instrument :
BNA_F
ClientSampleId :
113016-10

Tgt Ion:244 Resp: 1831592

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.5	9.7
122	6.5	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091401.D
Acq: 2 Dec 2016 20:47

Tgt Ion:264 Resp: 495725

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.8	28.2
265	21.2	17.0	25.6