Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110216\
Data File : BF090985.D
Acq On : 2 Nov 2016 17:45
Operator : UM/SJ
Sample : H5509-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-91-24.5-25.0

Quant Time: Nov 03 01:19:39 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 01 11:53:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	166577	20.00	ng	-0.03
21) Naphthalene-d8	8.01	136	748133	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	381028	20.00	ng	-0.03
63) Phenanthrene-d10	11.24	188	577934	20.00	ng	-0.02
75) Chrysene-d12	13.88	240	434860	20.00	ng	-0.02
86) Perylene-d12	15.28	264	343246	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1061886	111.46	ng	-0.01
7) Phenol-d6	6.37	99	1648844	128.28	ng	-0.02
23) Nitrobenzene-d5	7.29	82	963474	84.31	ng	-0.03
41) 2,4,6-Tribromophenol	10.56	330	520426	132.91	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	2029948	93.55	ng	-0.02
78) Terphenyl-d14	12.83	244	1655354	95.90	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	734746	28.86	ng	# 97
83) Bis(2-ethylhexyl)phthalate	13.86	149	33860	2.08	ng	# 97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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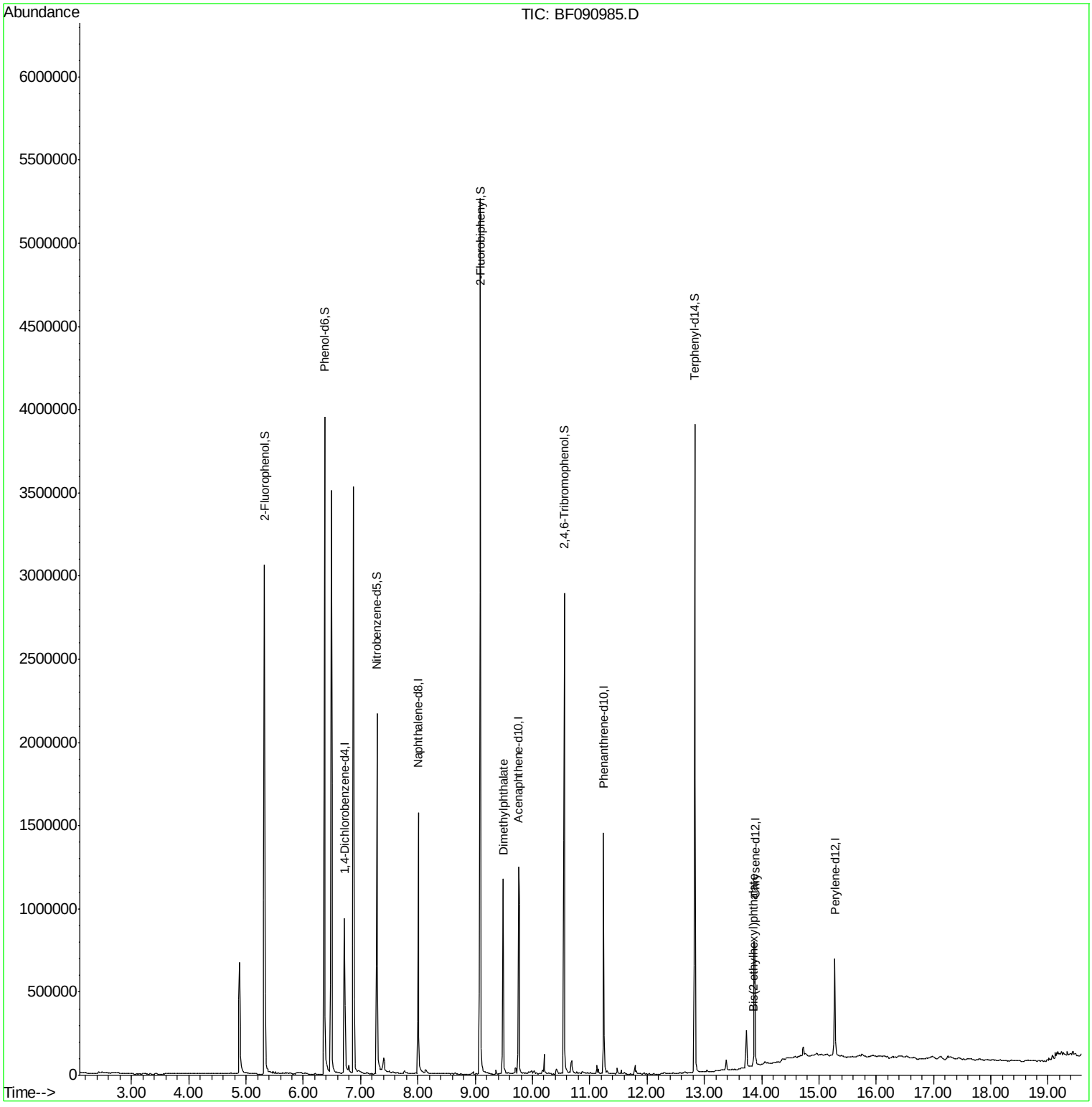
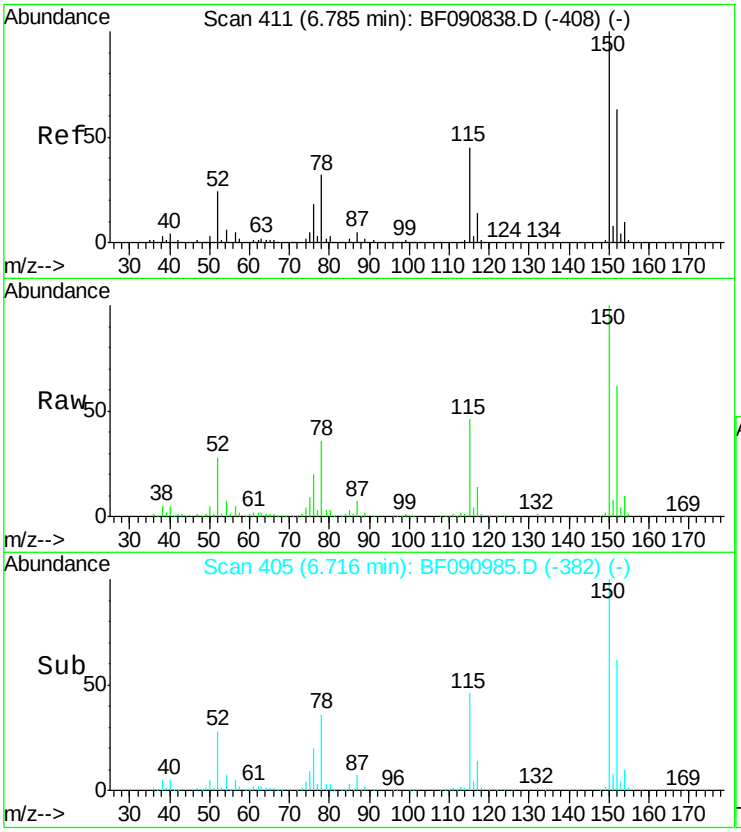


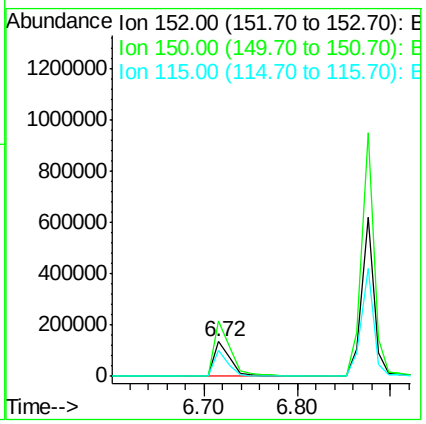


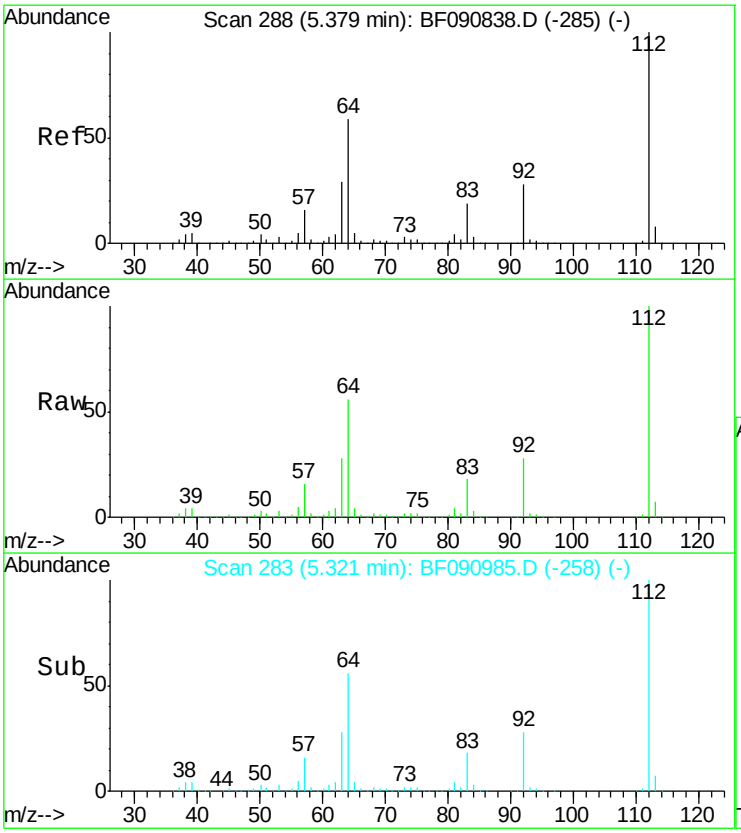
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 405
Delta R.T. -0.03 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0

Tgt Ion:152 Resp: 166577

Ion	Ratio	Lower	Upper
152	100		
150	161.5	124.7	187.1
115	74.0	39.0	58.4#

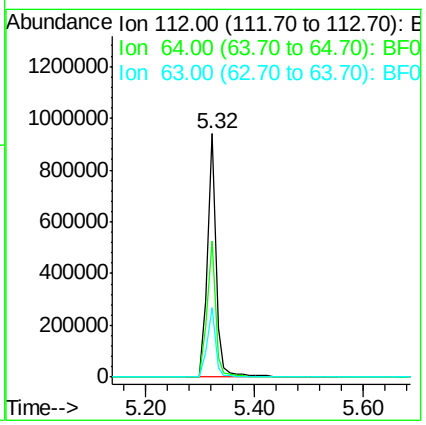


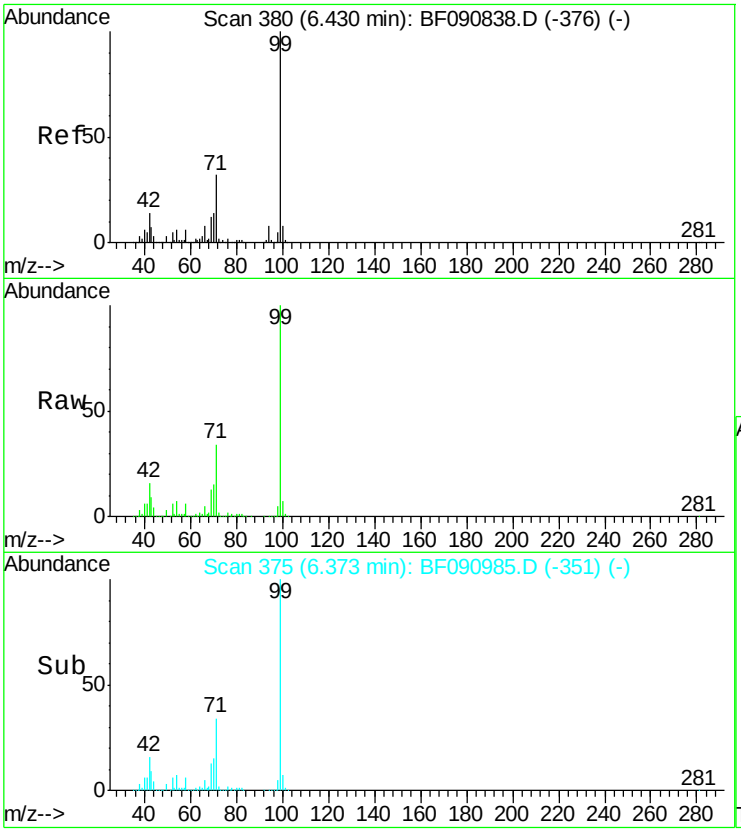


#5
2-Fluorophenol
Concen: 111.46 ng
RT: 5.32 min Scan# 283
Delta R.T. -0.01 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Tgt Ion:112 Resp: 1061886

Ion	Ratio	Lower	Upper
112	100		
64	55.8	39.7	59.5
63	28.3	17.4	26.0#



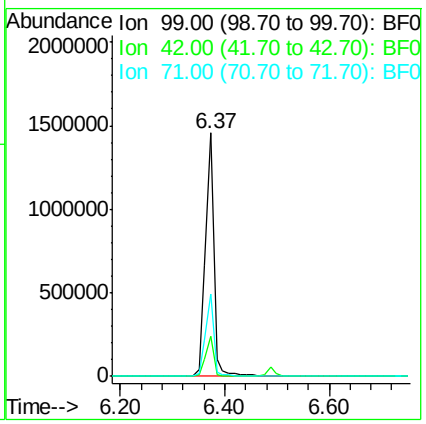


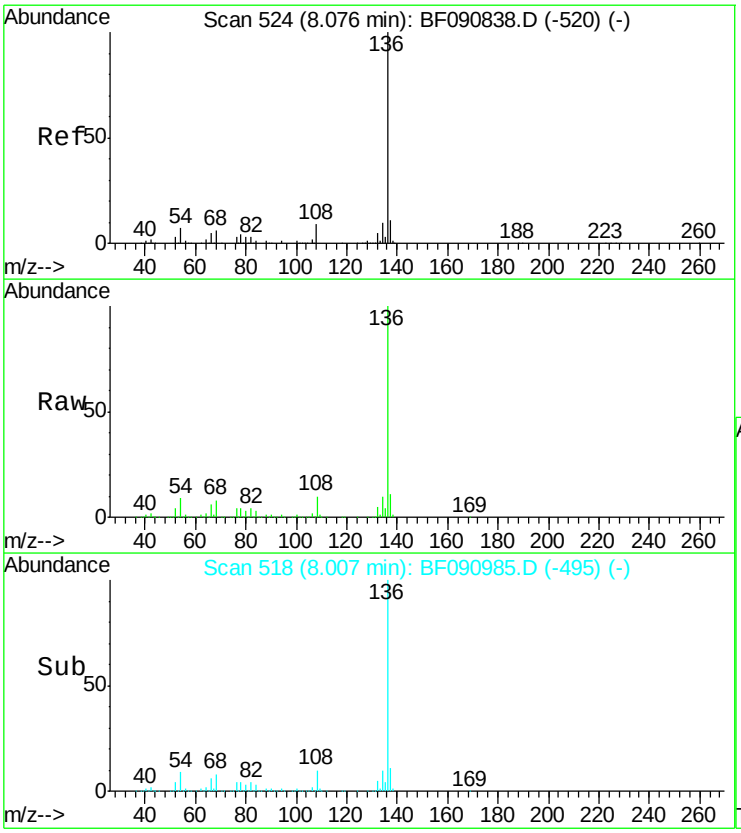
#7
Phenol-d6
Concen: 128.28 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0

Tgt Ion: 99 Resp: 1648844

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.7	20.5
71	33.6	14.2	21.2#

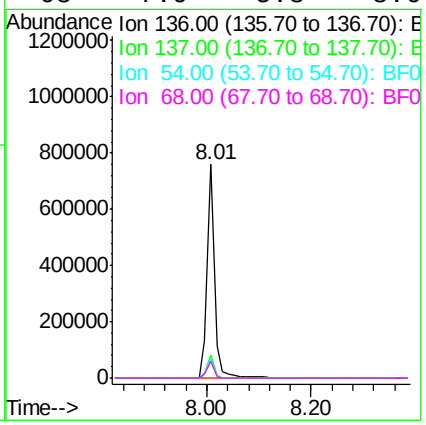


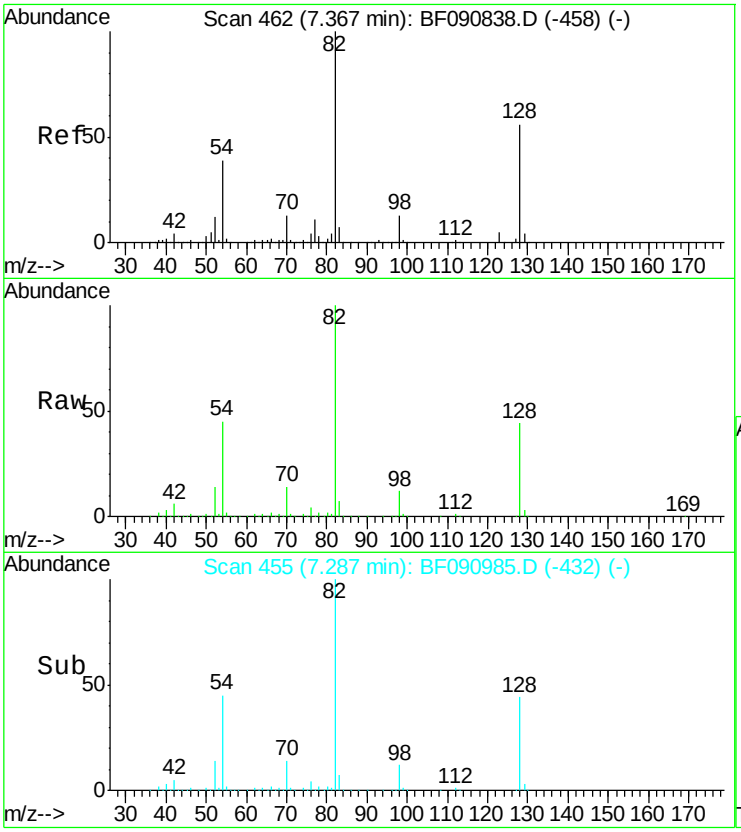


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.03 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Tgt Ion:136 Resp: 748133

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	9.0	8.2	12.2
68	7.9	5.8	8.6



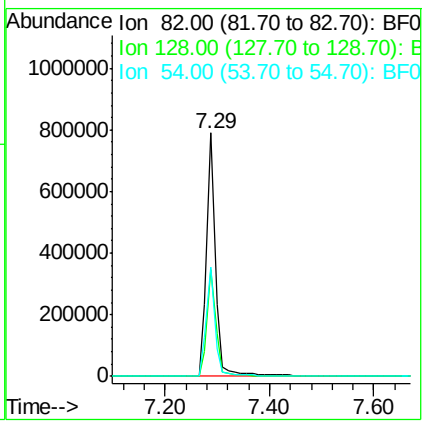


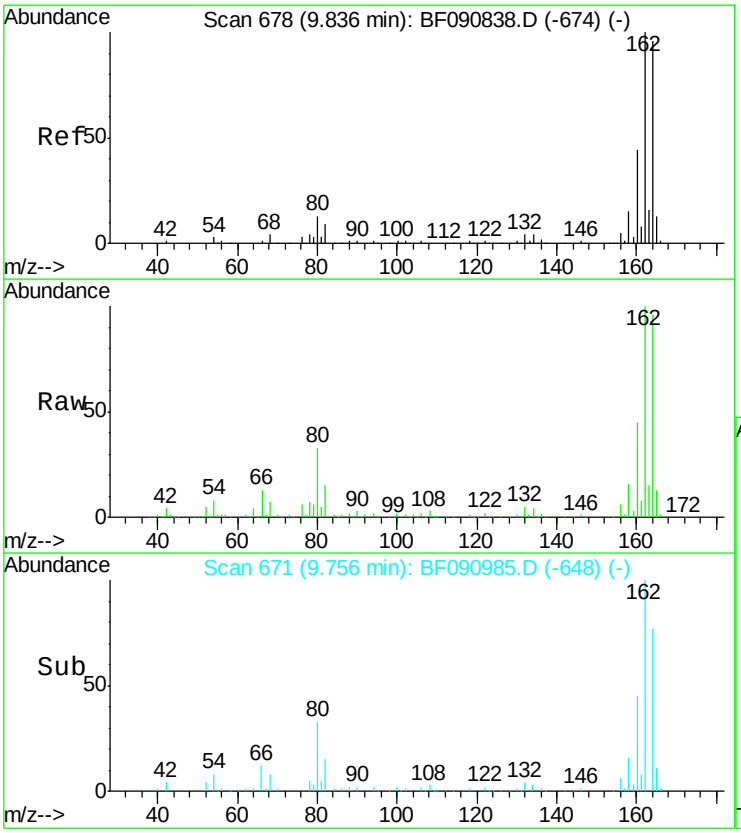
#23
Nitrobenzene-d5
Concen: 84.31 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.03 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0

Tgt Ion: 82 Resp: 963474

Ion	Ratio	Lower	Upper
82	100		
128	43.7	51.0	76.6#
54	44.6	47.5	71.3#

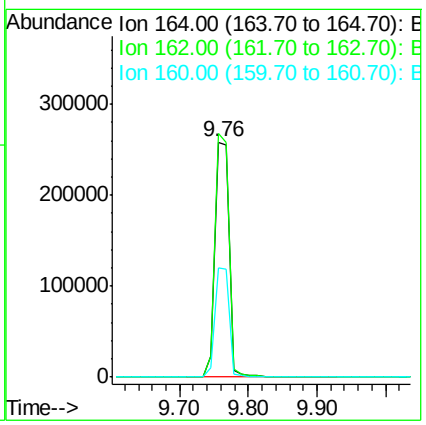


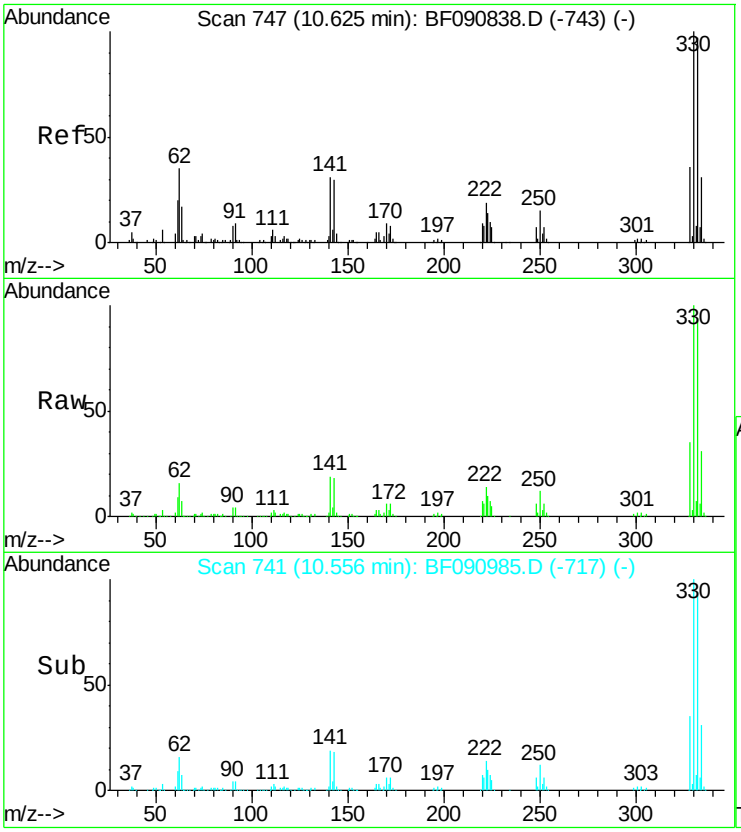


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Tgt Ion:164 Resp: 381028

Ion	Ratio	Lower	Upper
164	100		
162	103.7	75.2	112.8
160	46.8	31.5	47.3



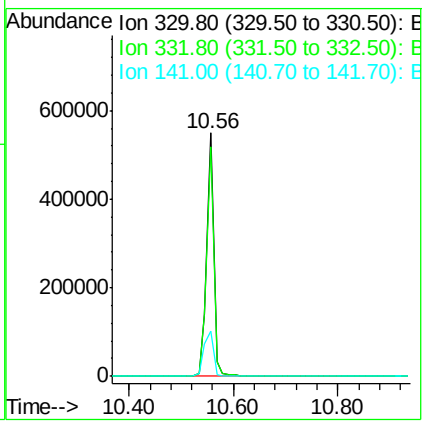


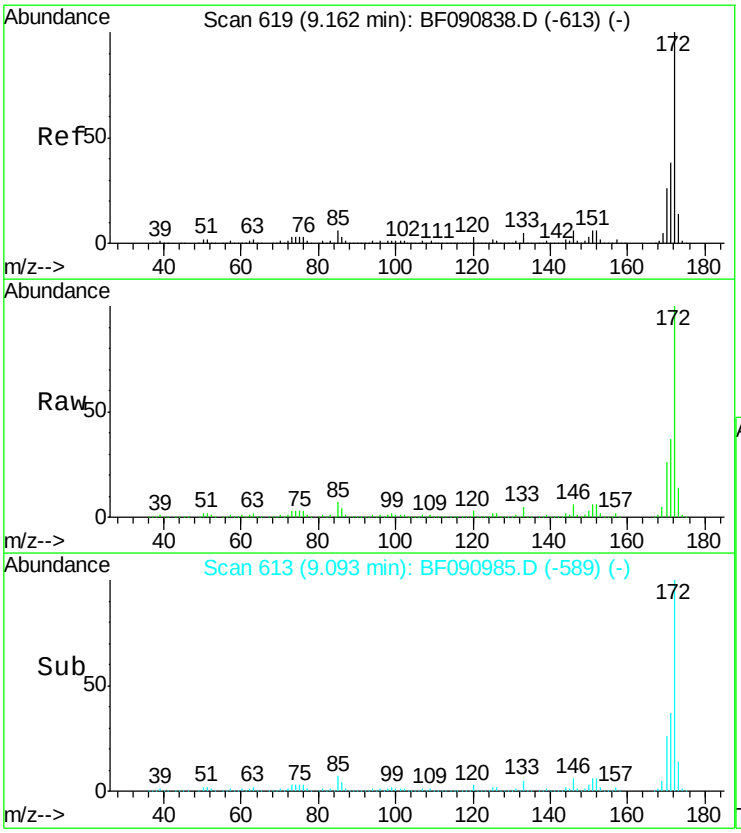
#41
2,4,6-Tribromophenol
Concen: 132.91 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0

Tgt Ion:330 Resp: 520426

Ion	Ratio	Lower	Upper
330	100		
332	95.0	76.6	114.8
141	25.6	29.7	44.5#

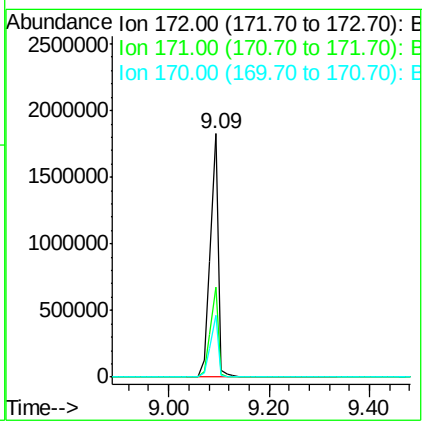


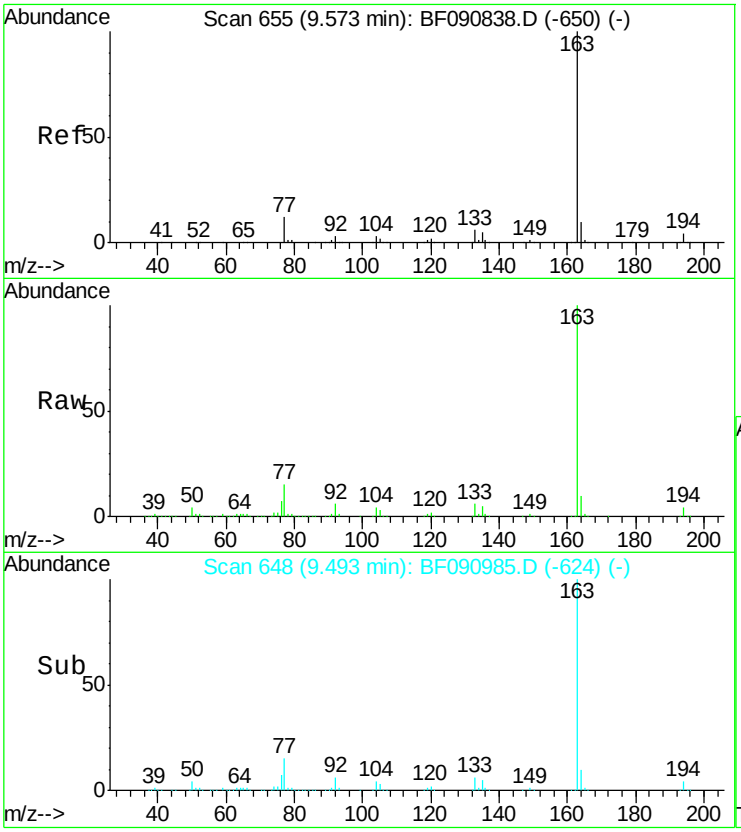


#44
2-Fluorobiphenyl
Concen: 93.55 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Tgt Ion:172 Resp: 2029948

Ion	Ratio	Lower	Upper
172	100		
171	37.2	26.1	39.1
170	25.5	17.4	26.2



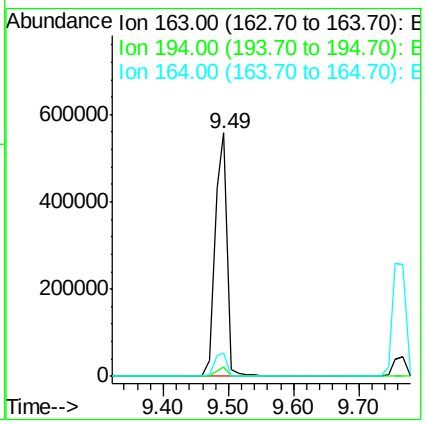


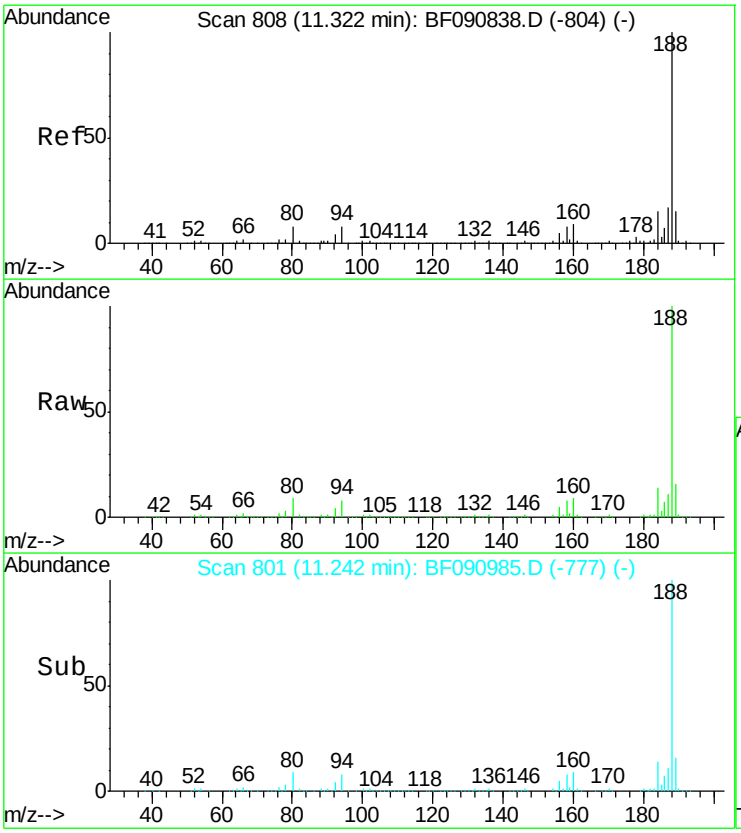
#49
Dimethylphthalate
Concen: 28.86 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0

Tgt Ion:163 Resp: 734746

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.4	6.6#
164	9.6	8.3	12.5

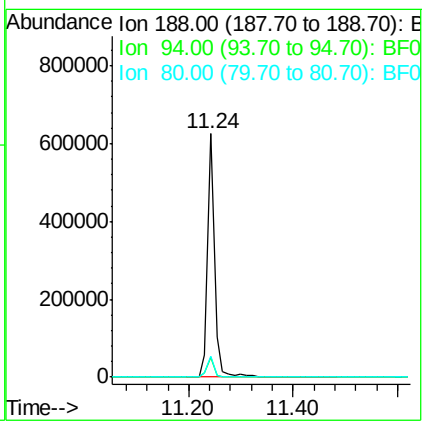


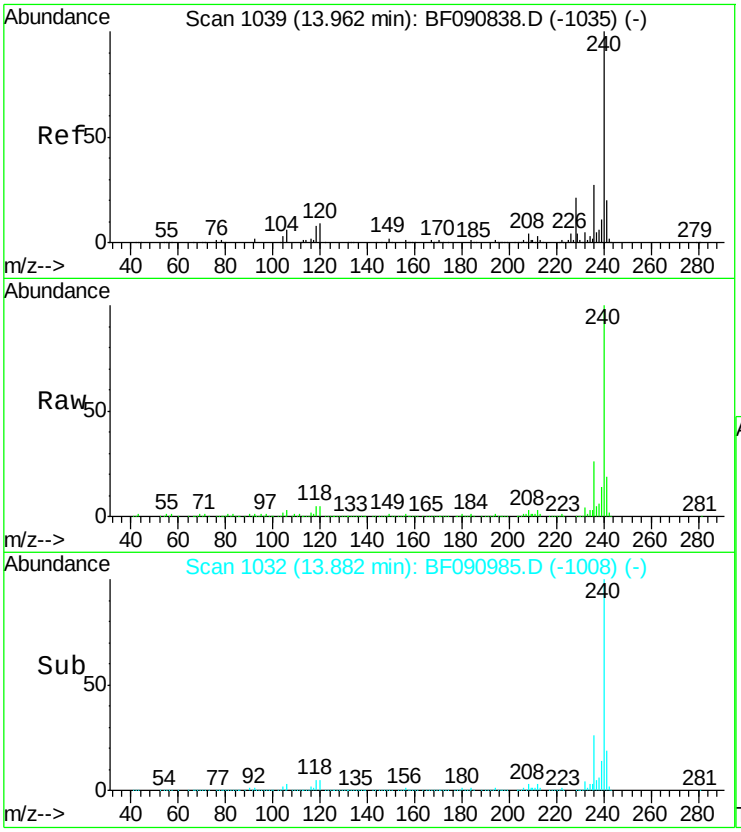


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Tgt Ion:188 Resp: 577934

Ion	Ratio	Lower	Upper
188	100		
94	8.0	11.1	16.7#
80	8.6	11.0	16.4#



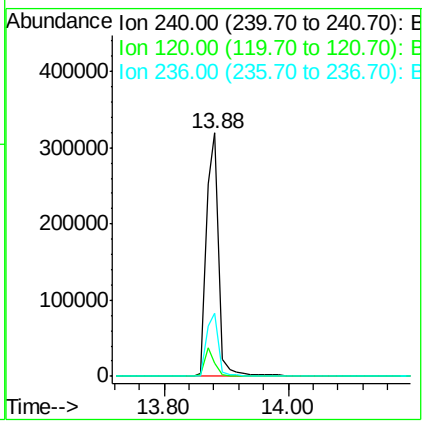


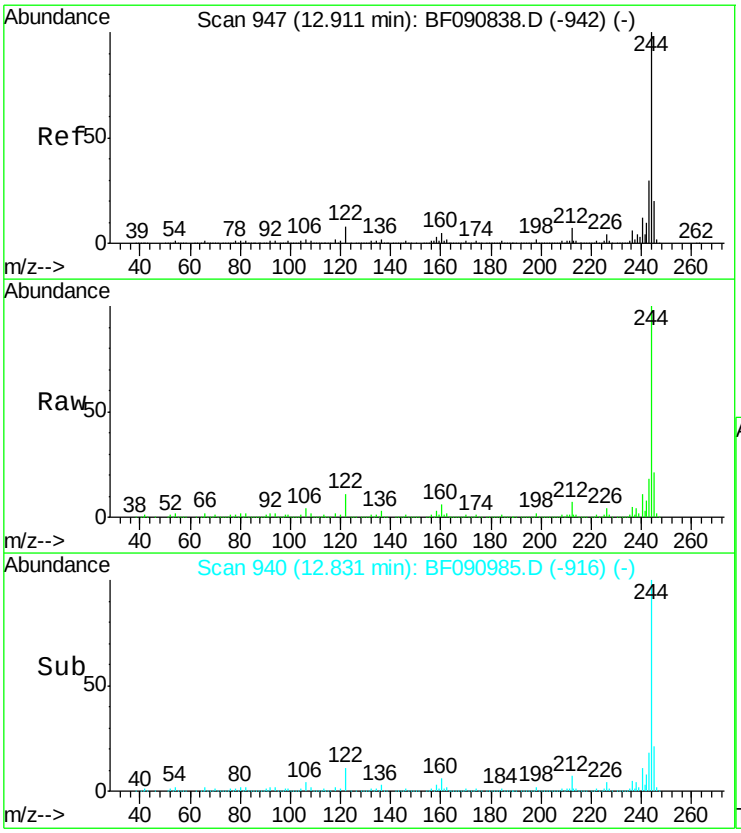
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0

Tgt Ion:240 Resp: 434860

Ion	Ratio	Lower	Upper
240	100		
120	5.5	16.2	24.2#
236	25.7	18.4	27.6

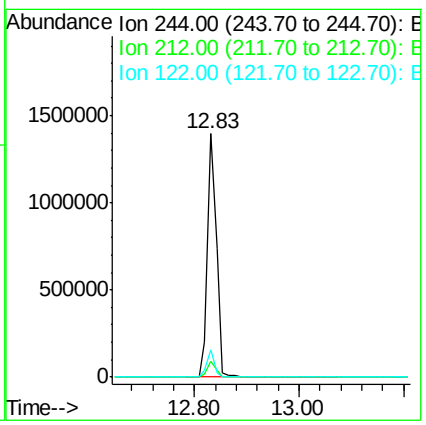


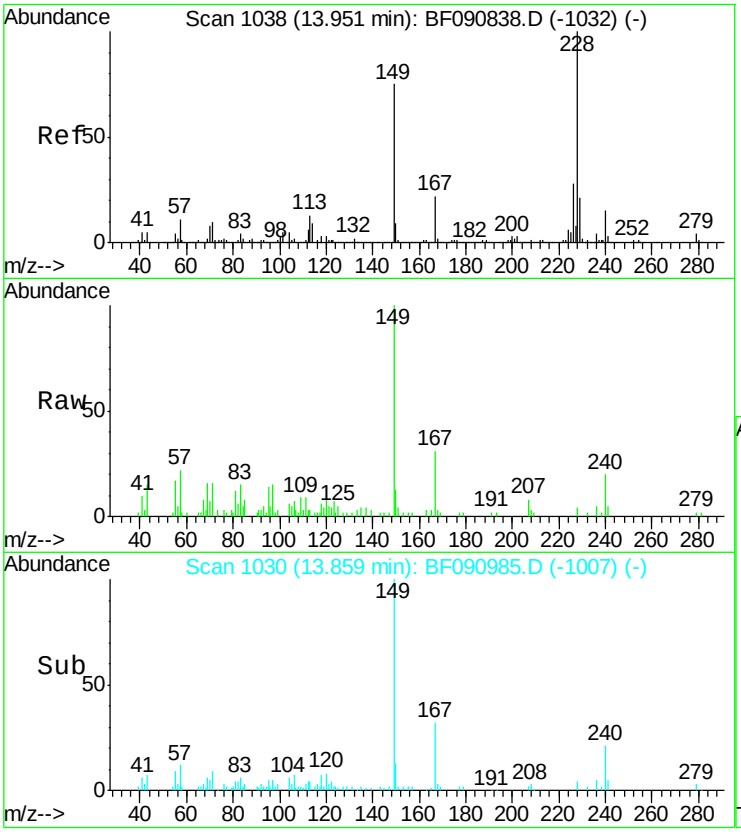


#78
Terphenyl-d14
Concen: 95.90 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Tgt Ion:244 Resp: 1655354

Ion	Ratio	Lower	Upper
244	100		
212	6.7	4.3	6.5#
122	11.3	17.4	26.2#



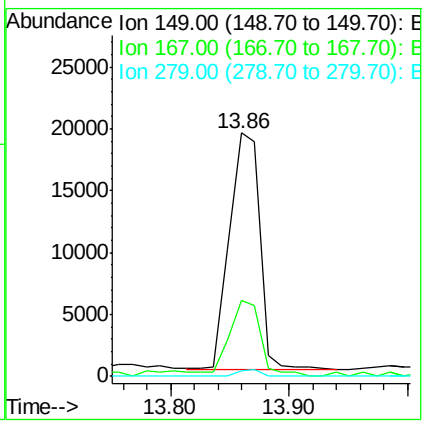


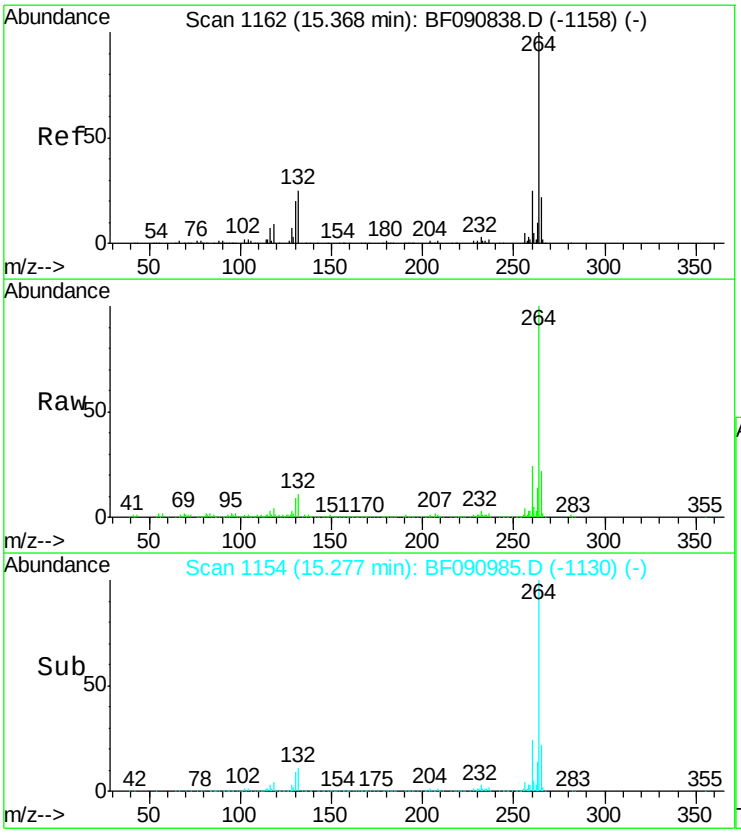
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.08 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Instrument :
BNA_F
ClientSampleId :
SB-91-24.5-25.0

Tgt Ion:149 Resp: 33860

Ion	Ratio	Lower	Upper
149	100		
167	31.2	24.2	36.2
279	2.5	3.8	5.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF090985.D
Acq: 2 Nov 2016 17:45

Tgt Ion:264 Resp: 343246

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.7	17.2	25.8