Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091953.D
Acq On : 24 Dec 2016 6:00
Operator : UM/SJ
Sample : H6226-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IDW-02-122116

Quant Time: Dec 24 23:19:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	277157	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1207358	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	595870	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	842587	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	567669	20.00	ng	-0.02
86) Perylene-d12	15.29	264	543292	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1876955	113.08	ng	0.03
7) Phenol-d6	6.42	99	2454655	121.12	ng	0.01
23) Nitrobenzene-d5	7.31	82	1946288	89.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	474252	96.17	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	2718775	95.00	ng	-0.01
78) Terphenyl-d14	12.84	244	1945197	83.11	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	266099	19.74	ng	# 76
37) 2-Methylnaphthalene	8.74	142	591	Below Cal		# 75
50) 2,6-Dinitrotoluene	9.78	165	77299	9.27	ng	# 30
56) 2,4-Dinitrotoluene	9.78	165	77305	7.38	ng	# 19
66) 4-Bromophenyl-phenylether	10.57	248	31185	3.56	ng	# 1
71) Anthracene	11.28	178	2169	Below Cal		# 87
73) Di-n-butylphthalate	11.83	149	6233	Below Cal		# 93
74) Fluoranthene	12.47	202	355	Below Cal		61
76) Benzidine	12.59	184	191191	9.75	ng	97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
Data File : BF091953.D
Acq On : 24 Dec 2016 6:00
Operator : UM/SJ
Sample : H6226-08
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
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IDW-02-122116

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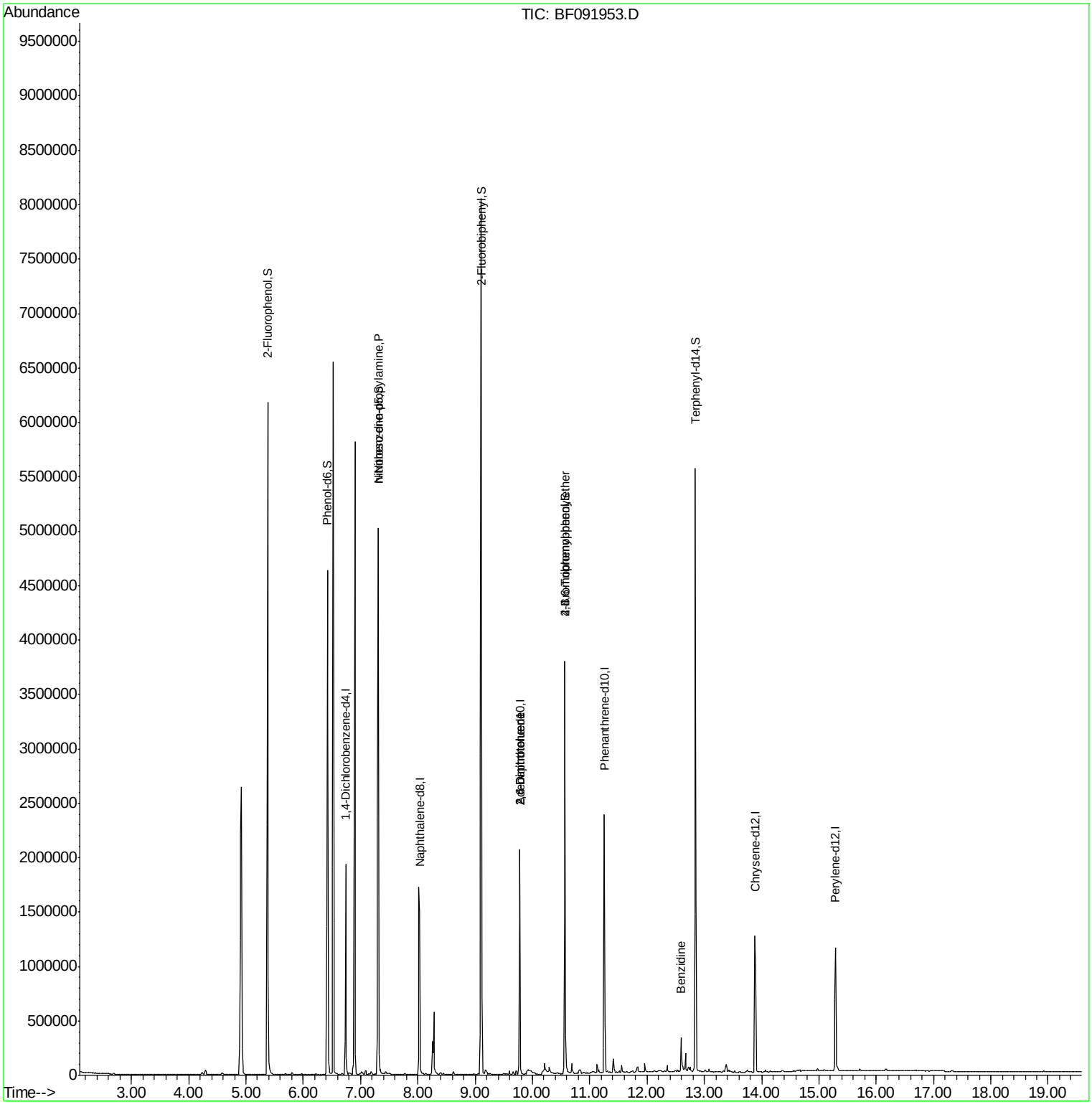
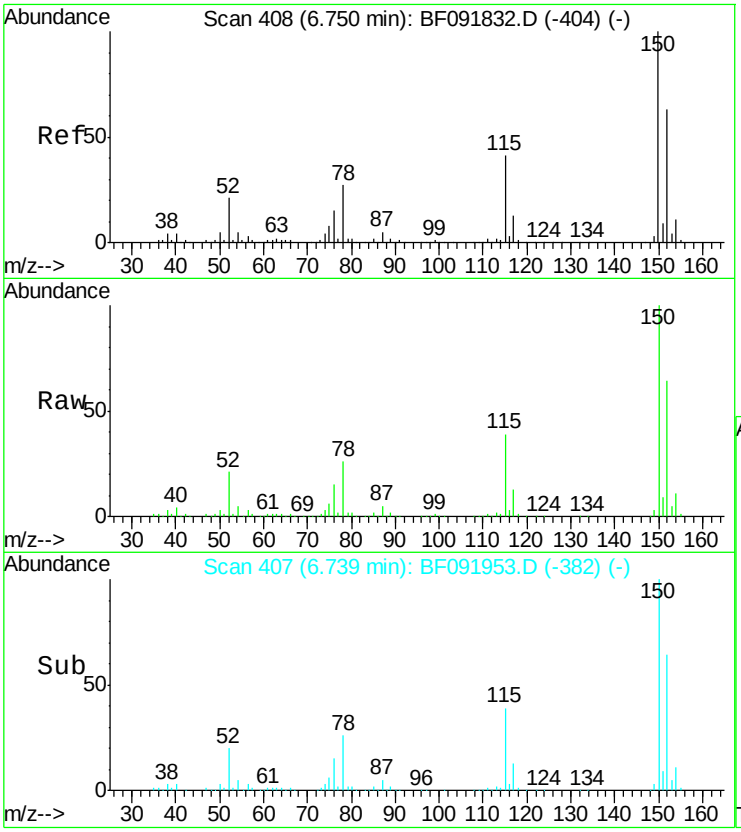


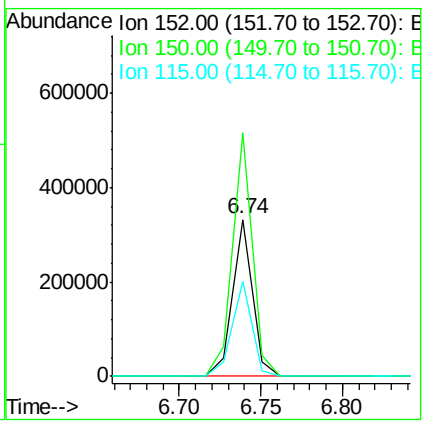


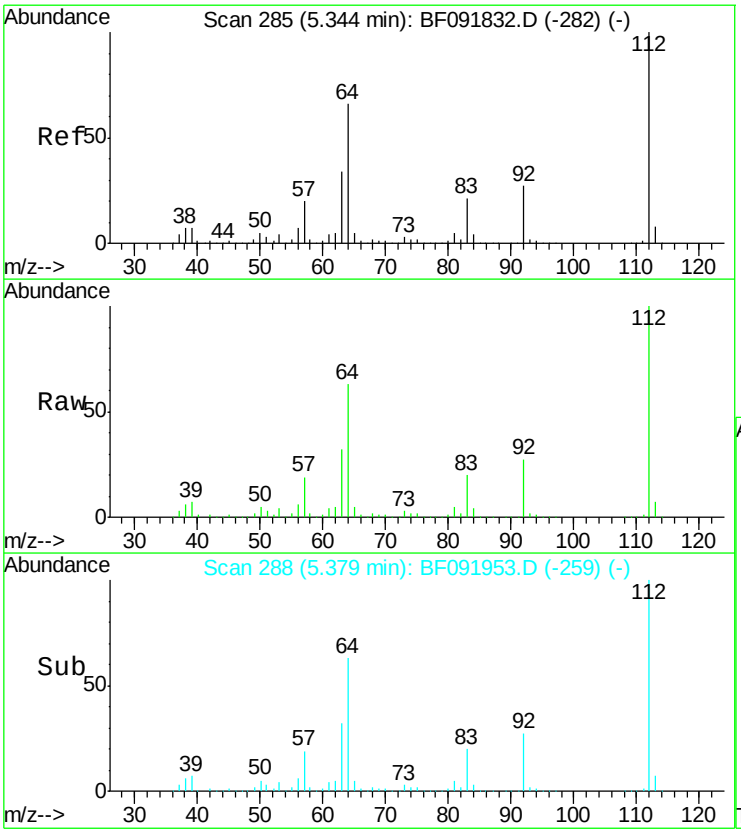
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Tgt Ion:152 Resp: 277157

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	60.4	46.0	69.0

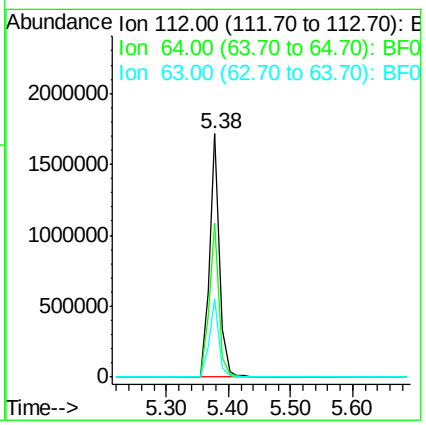


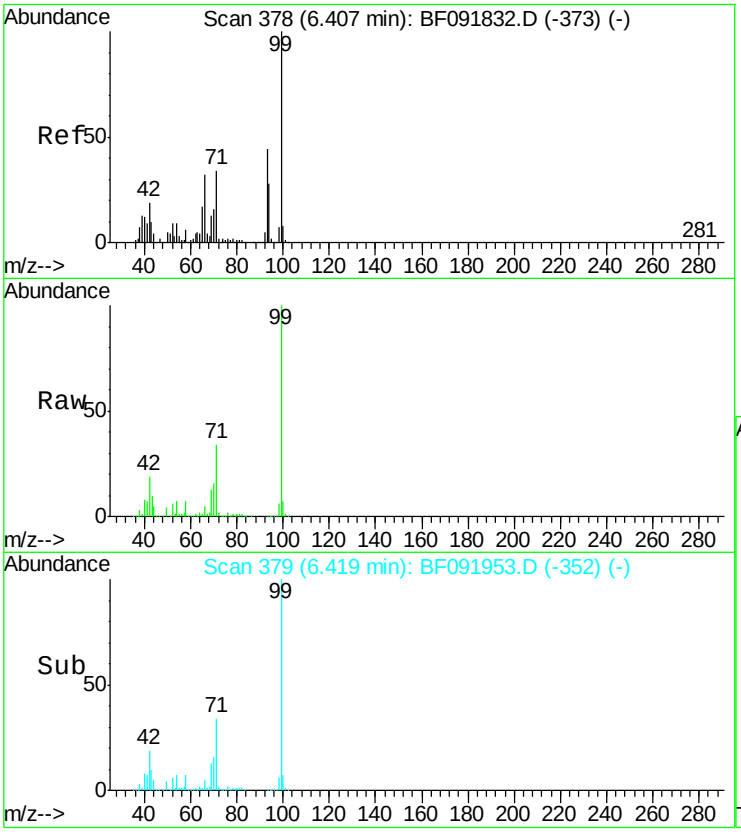


#5
2-Fluorophenol
Concen: 113.08 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.03 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Tgt Ion:112 Resp: 1876955

Ion	Ratio	Lower	Upper
112	100		
64	63.0	46.1	69.1
63	32.4	23.8	35.6



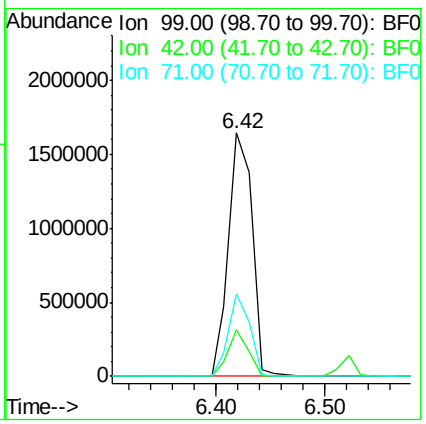


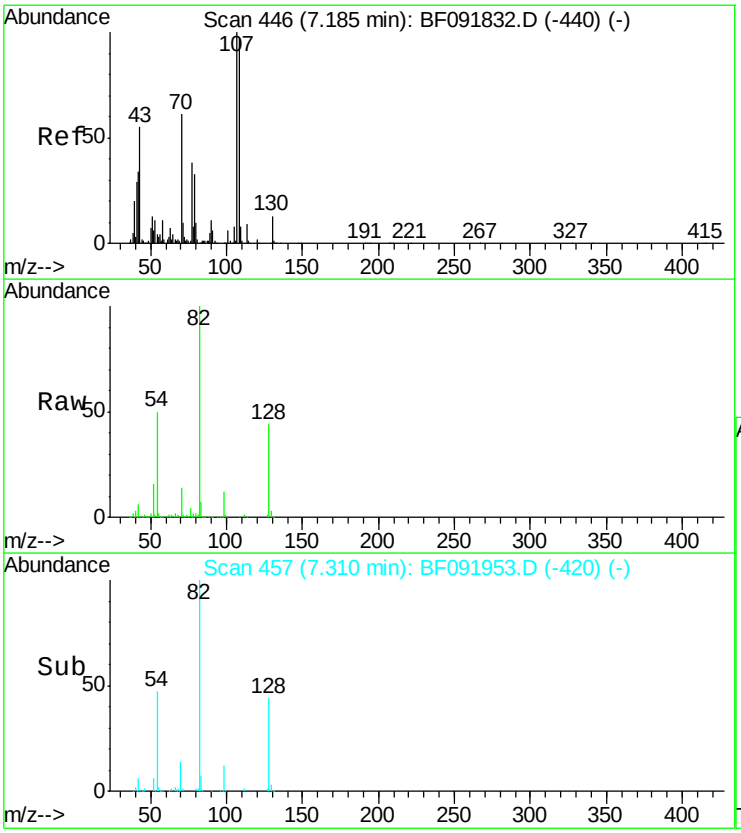
#7
Phenol-d6
Concen: 121.12 ng
RT: 6.42 min Scan# 379
Delta R.T. 0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Tgt Ion: 99 Resp: 2454655

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	33.9	27.5	41.3

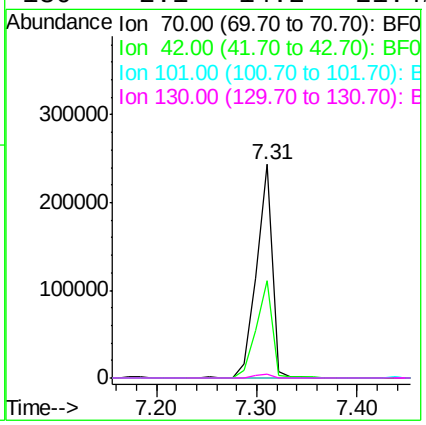


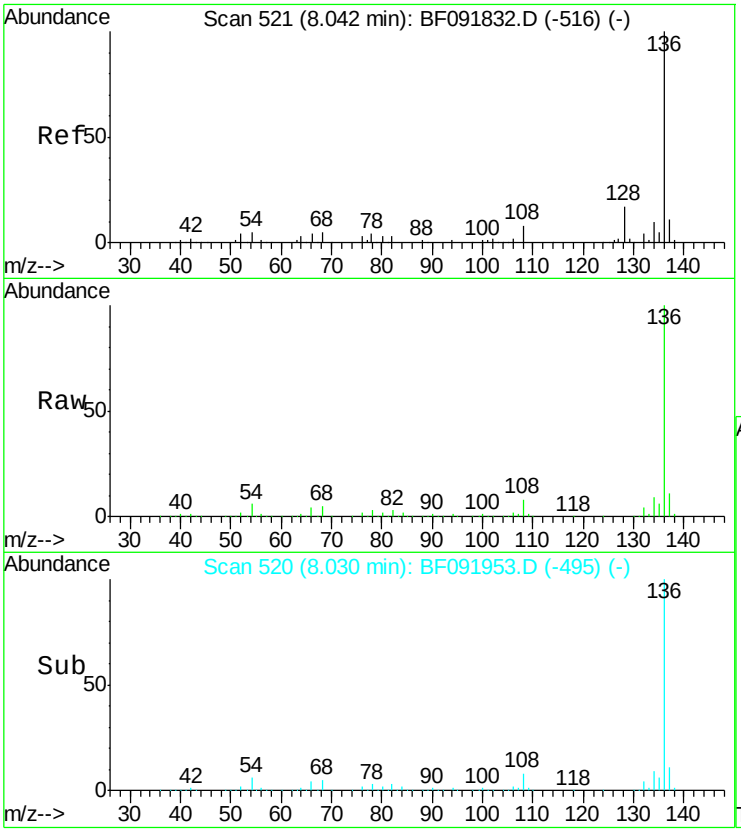


#19
n-Nitroso-di-n-propylamine
Concen: 19.74 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.13 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Tgt Ion: 70 Resp: 266099

Ion	Ratio	Lower	Upper
70	100		
42	45.6	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



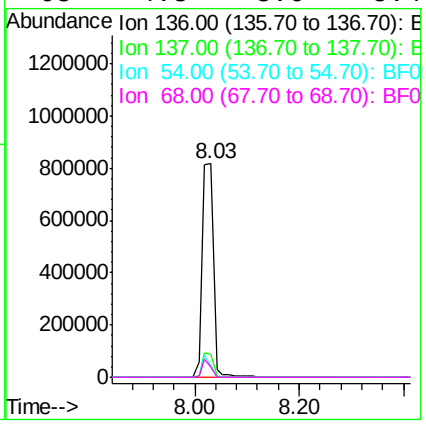


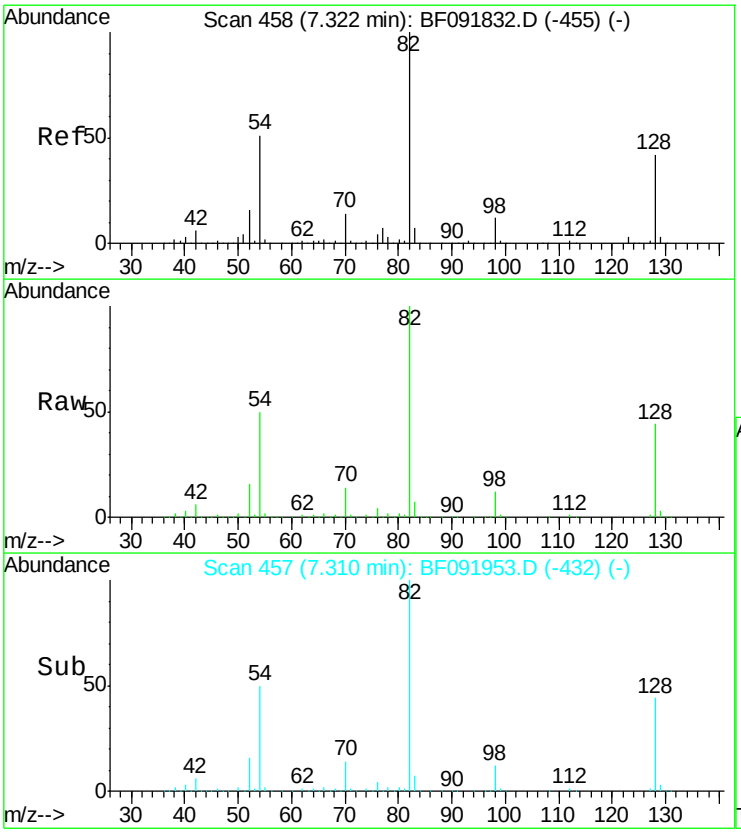
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Tgt Ion:136 Resp: 1207358

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	5.5	4.5	6.7
68	4.8	3.6	5.4

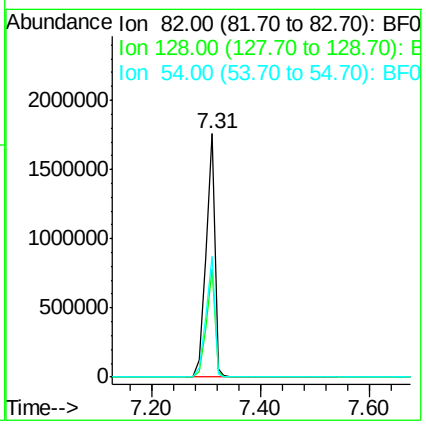


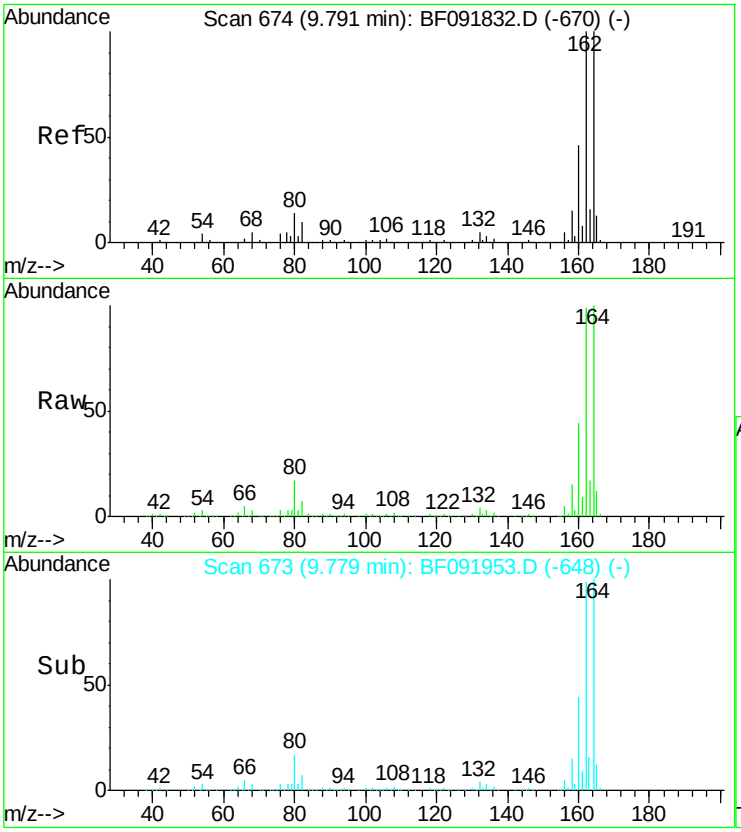


#23
Nitrobenzene-d5
Concen: 89.64 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Tgt Ion: 82 Resp: 1946288

Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.6	52.0
54	49.8	39.5	59.3



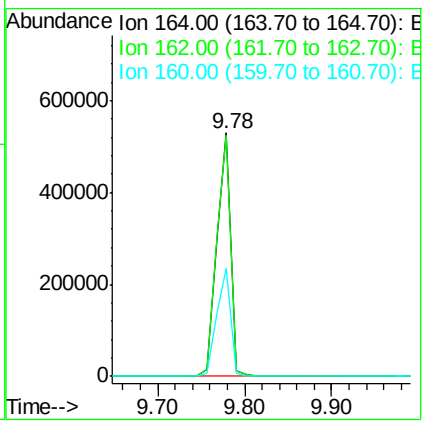


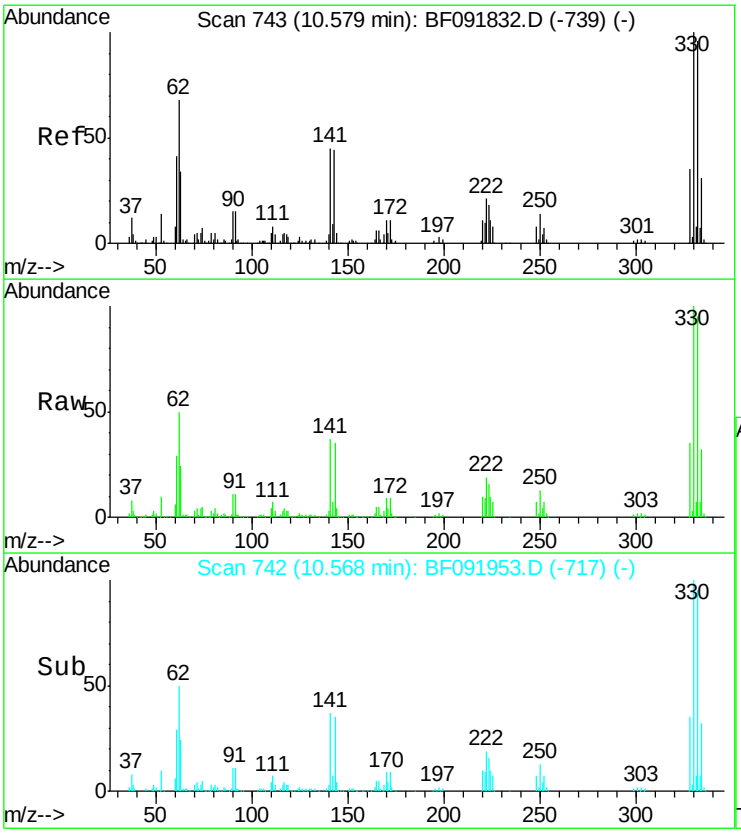
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Tgt Ion:164 Resp: 595870

Ion	Ratio	Lower	Upper
164	100		
162	99.1	80.2	120.2
160	44.5	36.9	55.3

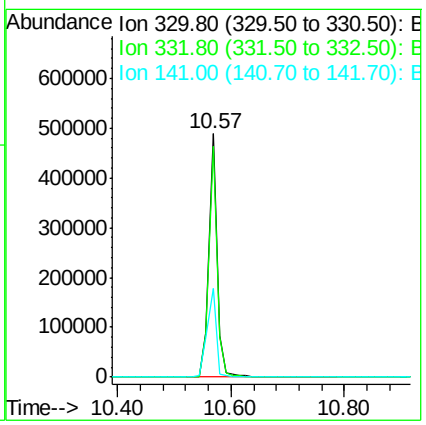


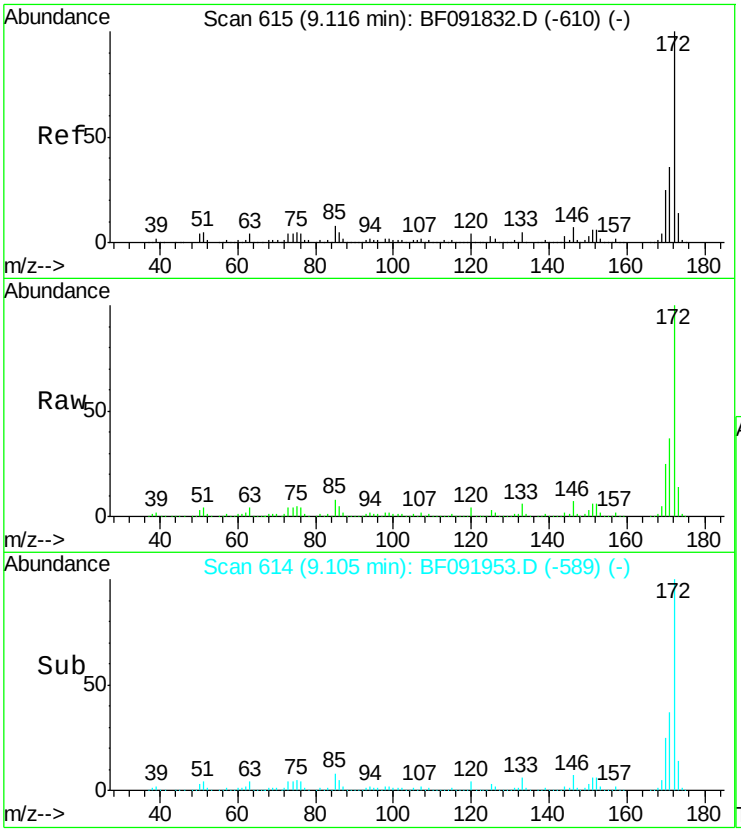


#41
2,4,6-Tribromophenol
Concen: 96.17 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Tgt Ion:330 Resp: 474252

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	39.7	34.1	51.1



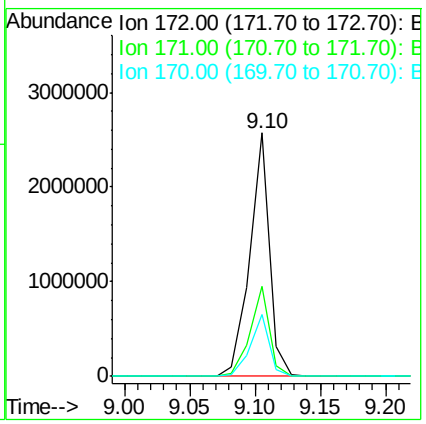


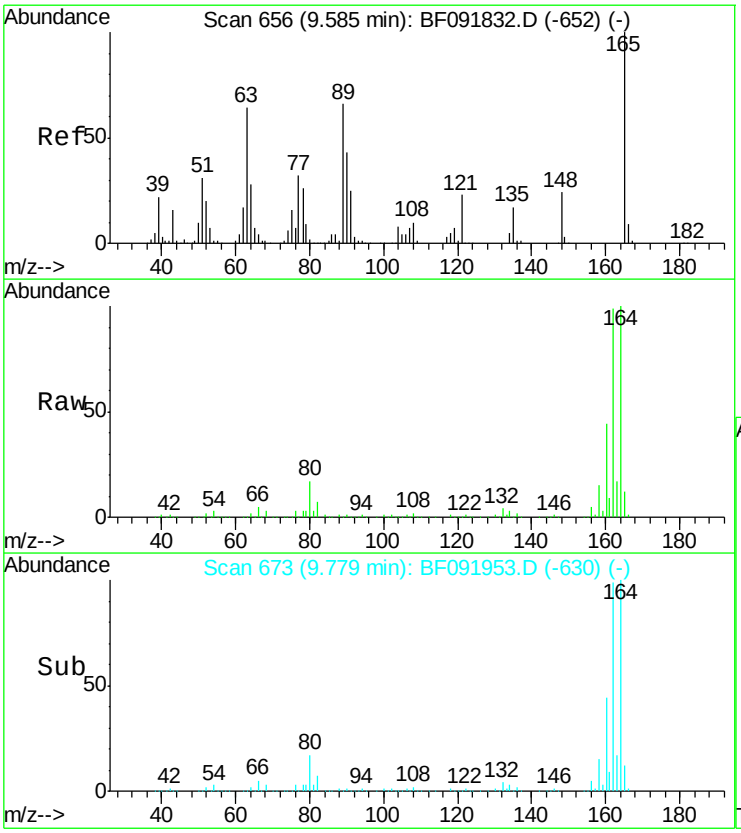
#44
2-Fluorobiphenyl
Concen: 95.00 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Tgt Ion:172 Resp: 2718775

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	25.2	20.2	30.4

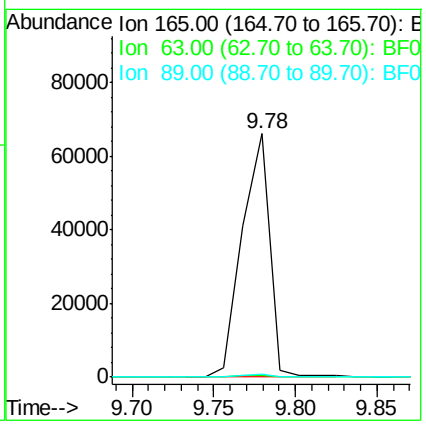


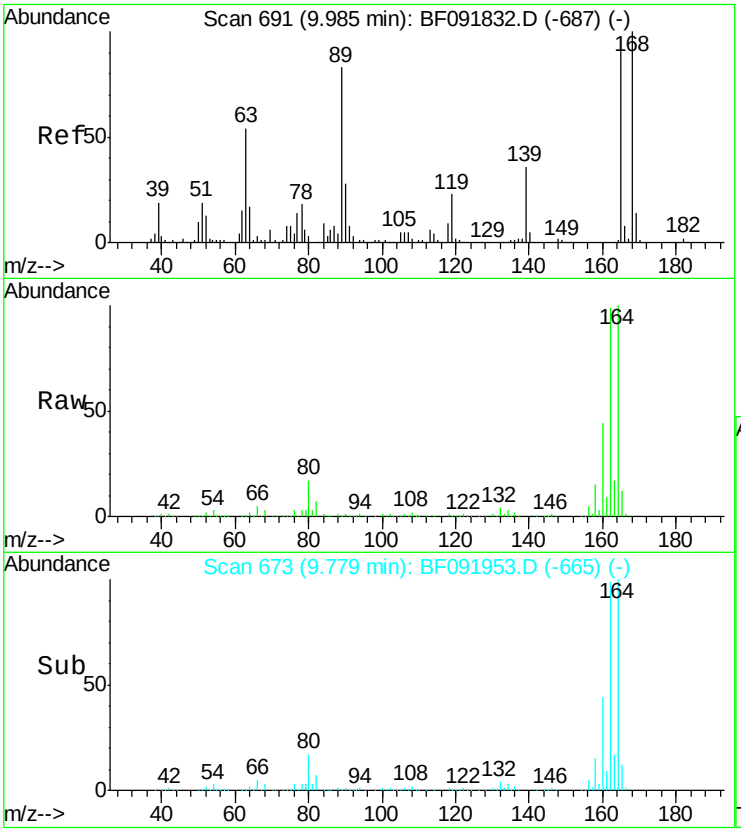


#50
2,6-Dinitrotoluene
Concen: 9.27 ng
RT: 9.78 min Scan# 673
Delta R.T. 0.19 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Tgt Ion:165 Resp: 77299

Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	1.0	40.2	60.4#



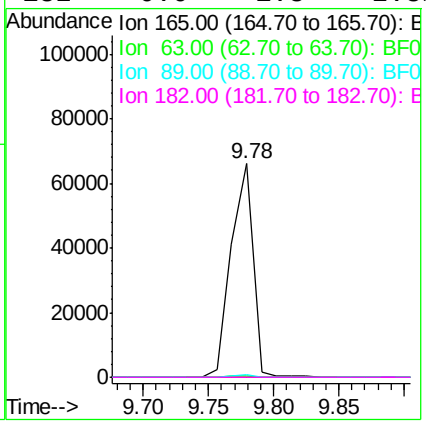


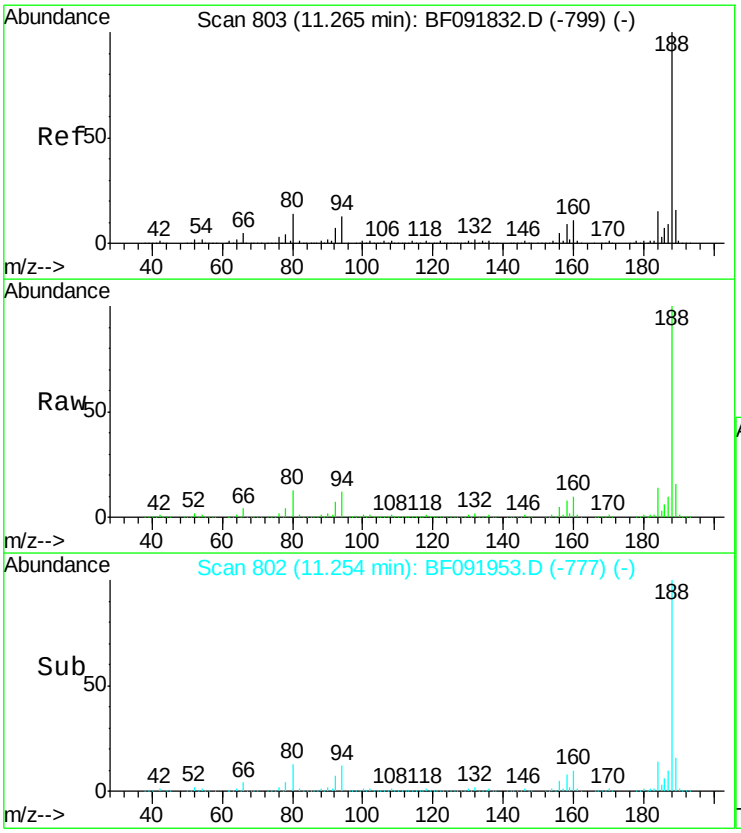
#56
2,4-Dinitrotoluene
Concen: 7.38 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.21 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Tgt Ion:165 Resp: 77305

Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

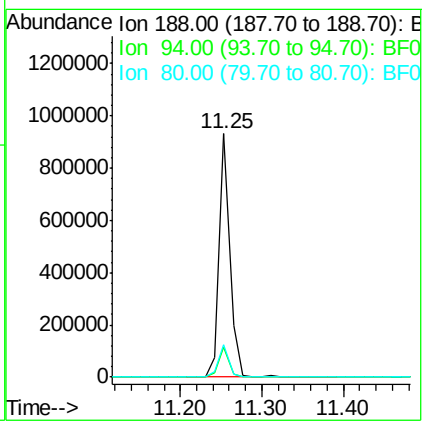


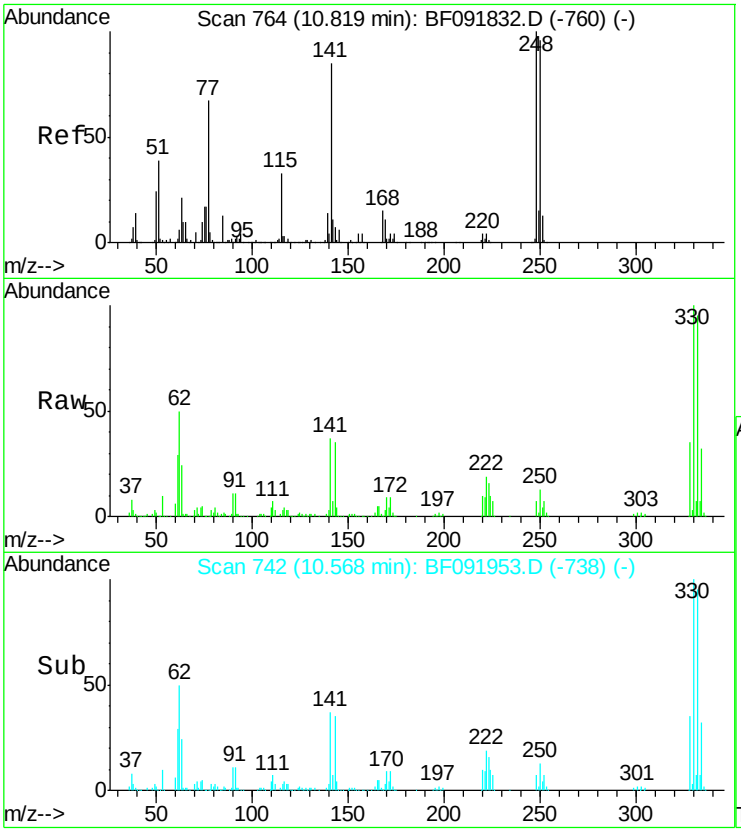


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Tgt Ion:188 Resp: 842587

Ion	Ratio	Lower	Upper
188	100		
94	12.1	10.0	15.0
80	13.1	11.2	16.8



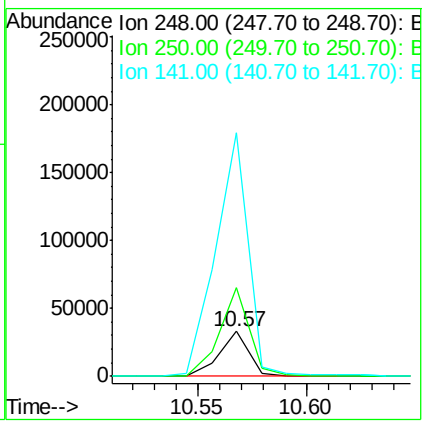


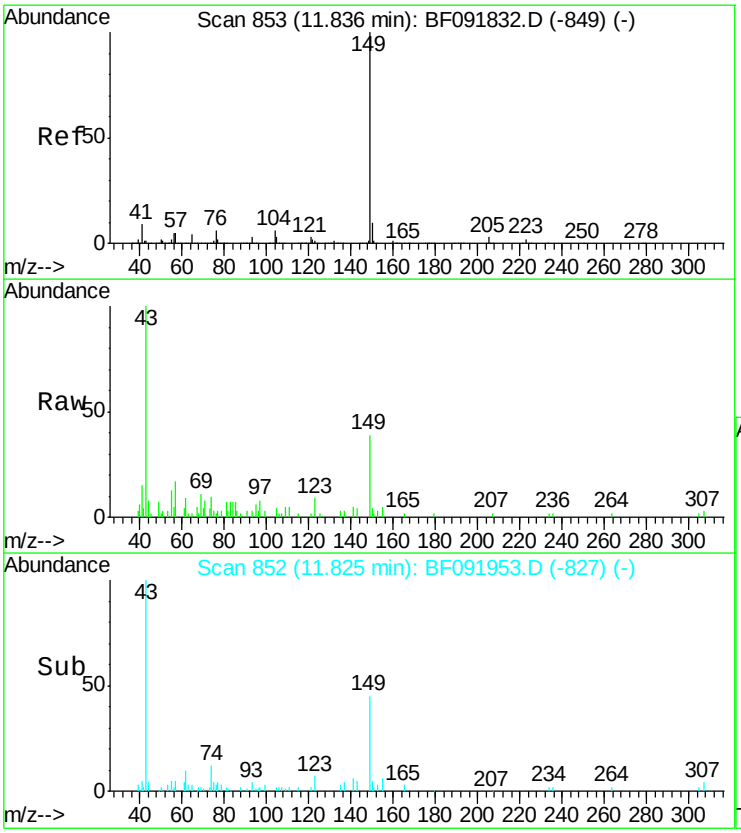
#66
4-Bromophenyl-phenylether
Concen: 3.56 ng
RT: 10.57 min Scan# 742
Delta R.T. -0.25 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Tgt Ion:248 Resp: 31185

Ion	Ratio	Lower	Upper
248	100		
250	197.6	76.9	115.3#
141	543.4	68.2	102.4#

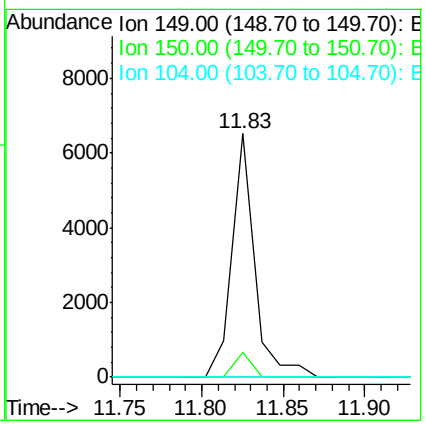


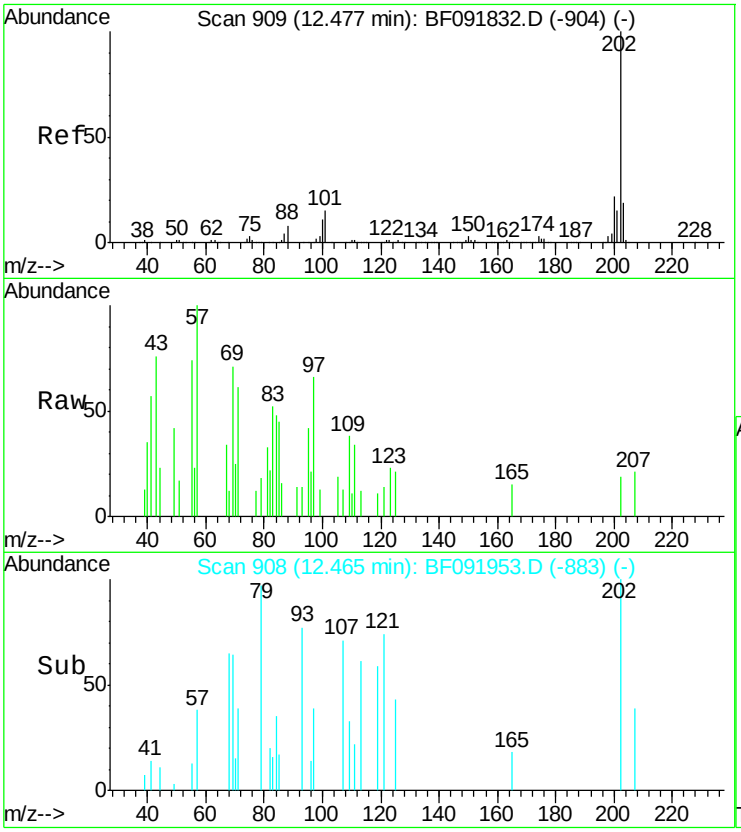


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.83 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Tgt Ion:149 Resp: 6233

Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.1	12.1
104	0.0	4.6	7.0#



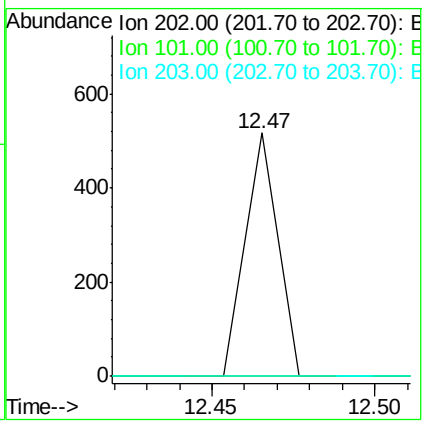


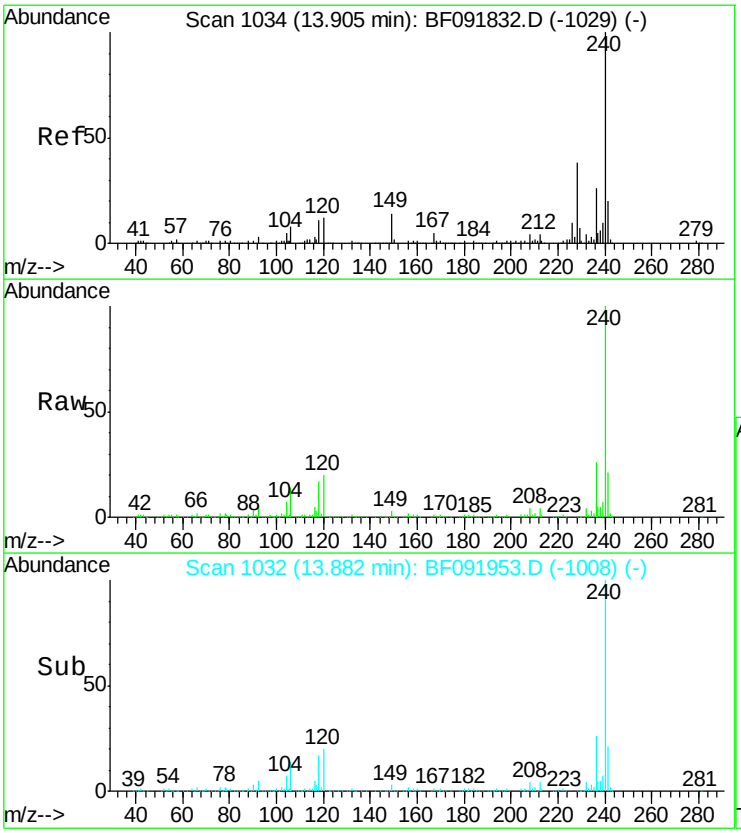
#74
Fluoranthene
Concen: Below Cal
RT: 12.47 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Tgt Ion:202 Resp: 355

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	34.6
203	0.0	0.0	38.7

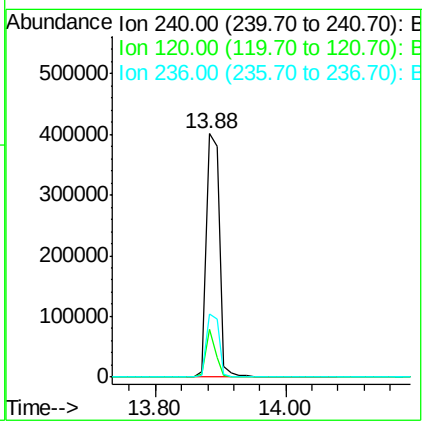


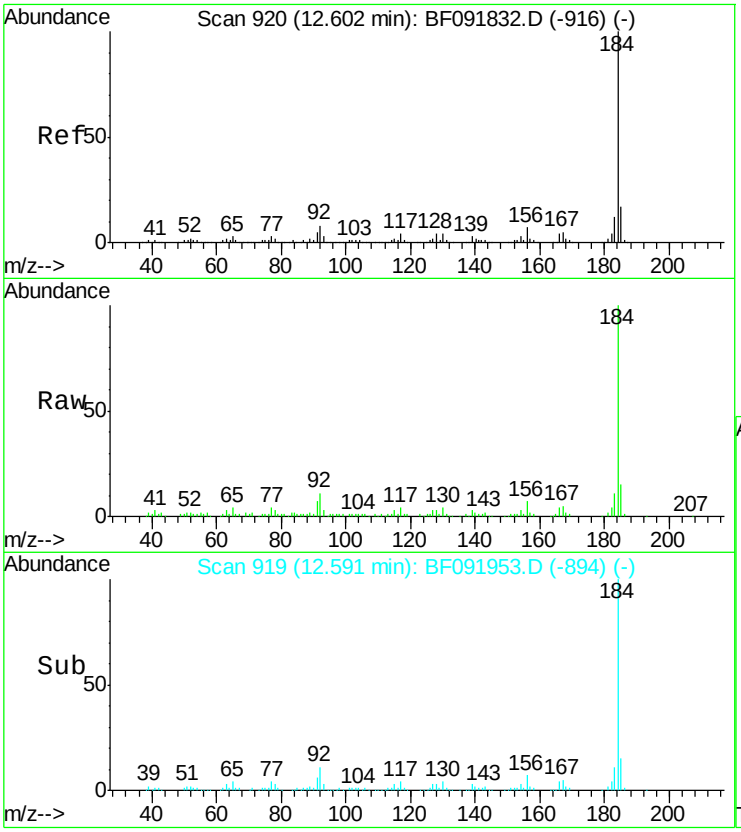


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.02 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Tgt Ion:240 Resp: 567669

Ion	Ratio	Lower	Upper
240	100		
120	19.8	12.9	19.3#
236	25.8	20.9	31.3



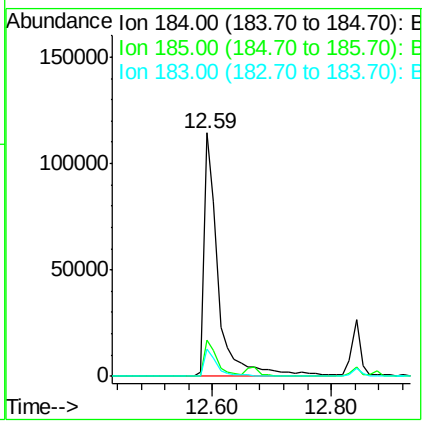


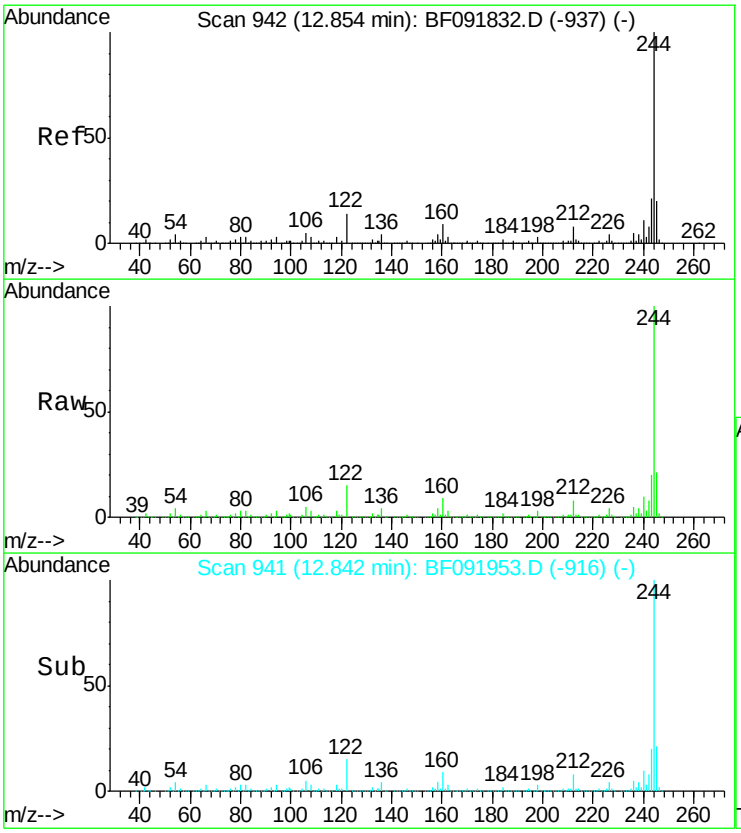
#76
Benzidine
Concen: 9.75 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Tgt Ion:184 Resp: 191191

Ion	Ratio	Lower	Upper
184	100		
185	15.1	13.4	20.0
183	11.0	9.2	13.8

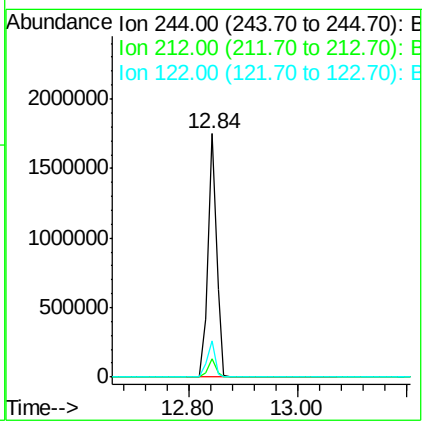


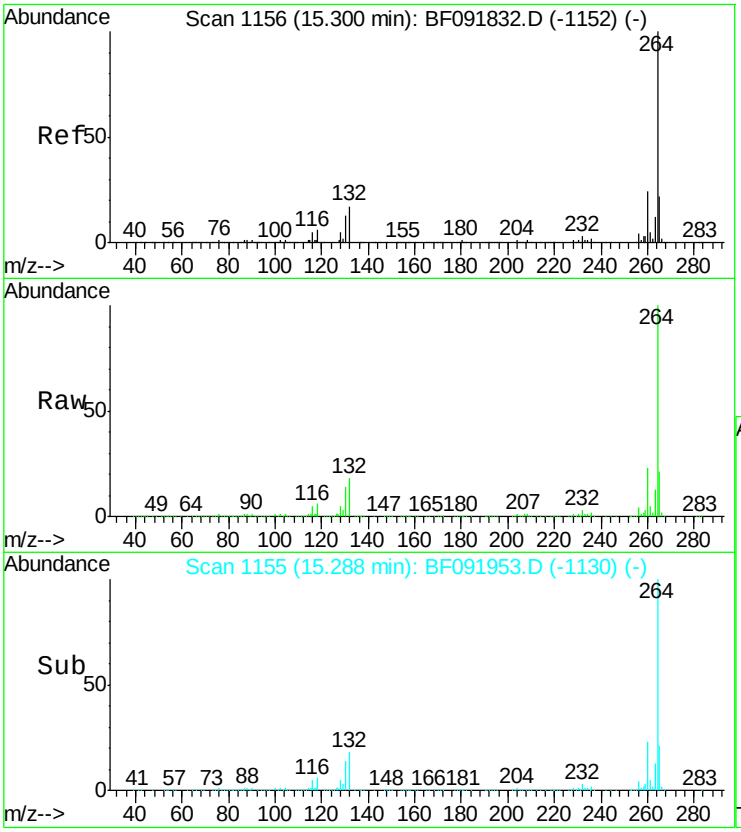


#78
Terphenyl-d14
Concen: 83.11 ng
RT: 12.84 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Tgt Ion:244 Resp: 1945197

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	14.6	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF091953.D
Acq: 24 Dec 2016 6:00

Instrument :
BNA_F
ClientSampleId :
IDW-02-122116

Tgt Ion:264 Resp: 543292

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.4	17.4	26.0