Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091643.D
Acq On : 15 Dec 2016 22:05
Operator : UM/SJ
Sample : H5940-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS01-0-2IN

Quant Time: Dec 16 00:15:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	259189	20.00	ng		-0.03
21) Naphthalene-d8	8.06	136	994733	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	497084	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	605343	20.00	ng		-0.03
75) Chrysene-d12	13.94	240	555524	20.00	ng		-0.02
86) Perylene-d12	15.35	264	513725	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1594445	103.64	ng		-0.02
7) Phenol-d6	6.43	99	2152534	112.23	ng		-0.02
23) Nitrobenzene-d5	7.34	82	1311219	73.57	ng		-0.03
41) 2,4,6-Tribromophenol	10.61	330	417598	101.14	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1761972	61.25	ng		-0.03
78) Terphenyl-d14	12.89	244	1185200	48.41	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	43210	3.27	ng		90
15) Benzyl Alcohol	6.93	79	30759	2.03	ng	#	59
19) n-Nitroso-di-n-propylamine	7.34	70	174520	14.55	ng	#	67
20) 3+4-Methylphenols	7.21	107	373	Below Cal		#	84
25) Isophorone	7.34	82	1163317	36.72	ng	#	67
32) Benzoic acid	7.80	122	429	4.93	ng	#	44
49) Dimethylphthalate	9.55	163	725270	23.04	ng		100
56) 2,4-Dinitrotoluene	9.82	165	64752	7.48	ng	#	33
57) Fluorene	10.36	166	3633	Below Cal		#	89
64) 4,6-Dinitro-2-methylphenol	10.61	198	1007	3.20	ng	#	22
66) 4-Bromophenyl-phenylether	10.61	248	26810	4.32	ng	#	1
74) Fluoranthene	12.51	202	108638	3.46	ng		98
77) Pyrene	12.74	202	99098	2.25	ng		97
87) Benzo(b)fluoranthene	14.95	252	104416	3.41	ng	#	85
88) Benzo(k)fluoranthene	14.95	252	103884	3.86	ng	#	86
89) Benzo(a)pyrene	15.28	252	56605	2.05	ng	#	84

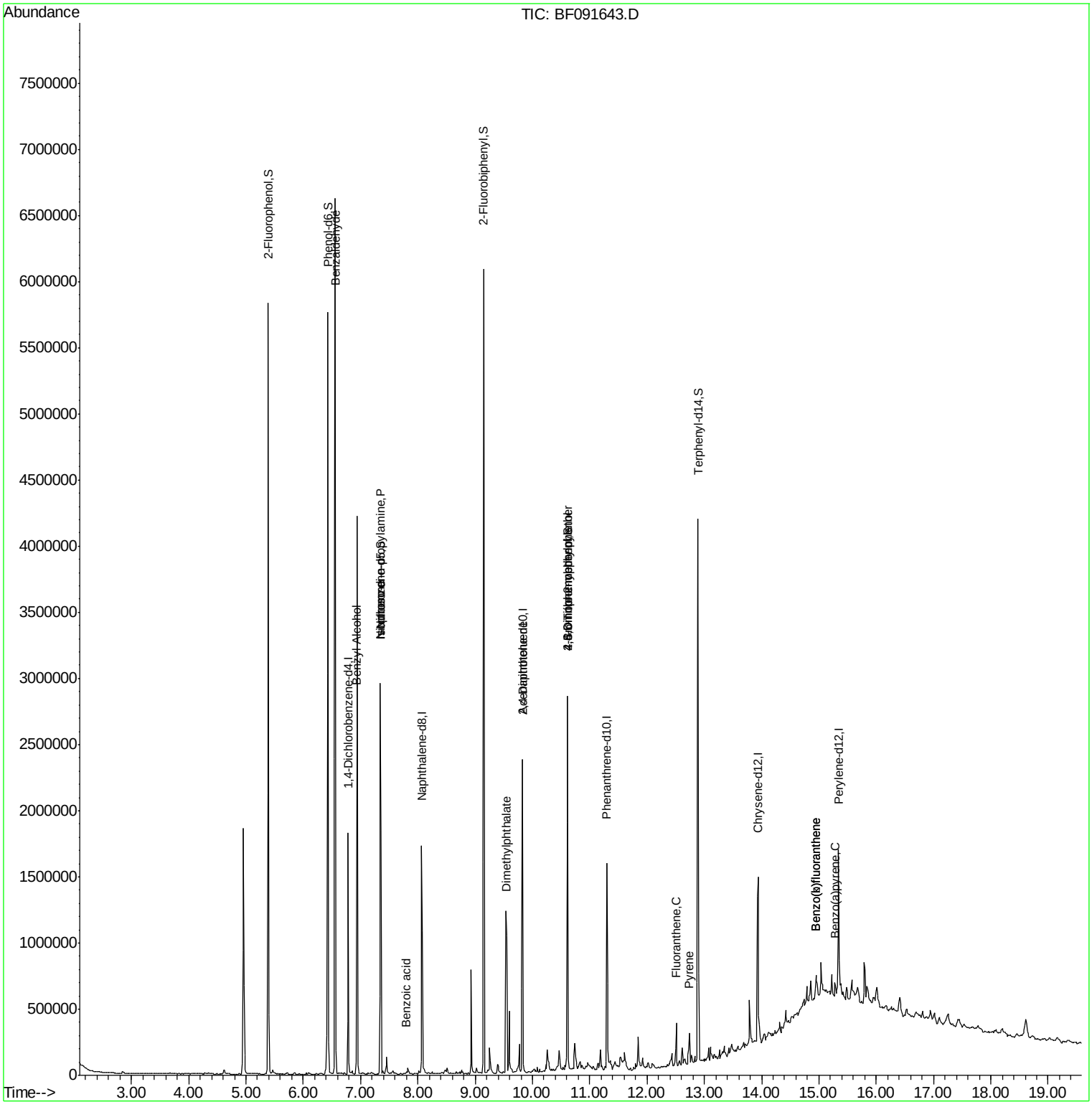
(#) = qualifier out of range (m) = manual integration (+) = signals summed

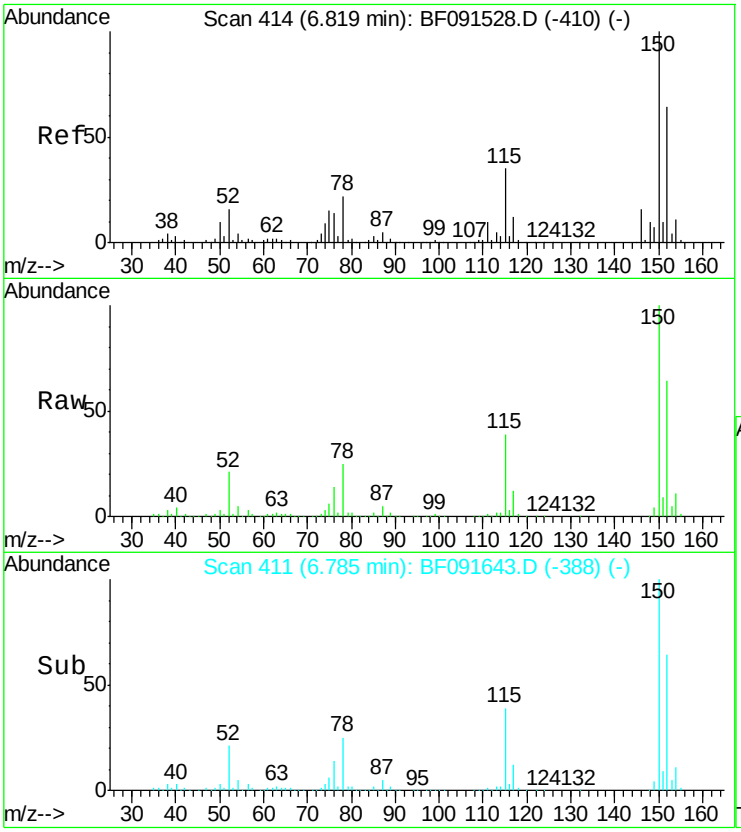
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091643.D
Acq On : 15 Dec 2016 22:05
Operator : UM/SJ
Sample : H5940-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Quant Time: Dec 16 00:15:36 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration



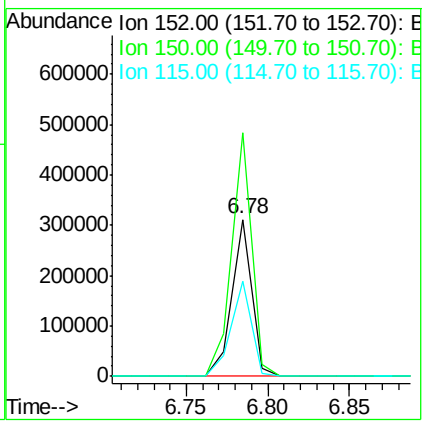


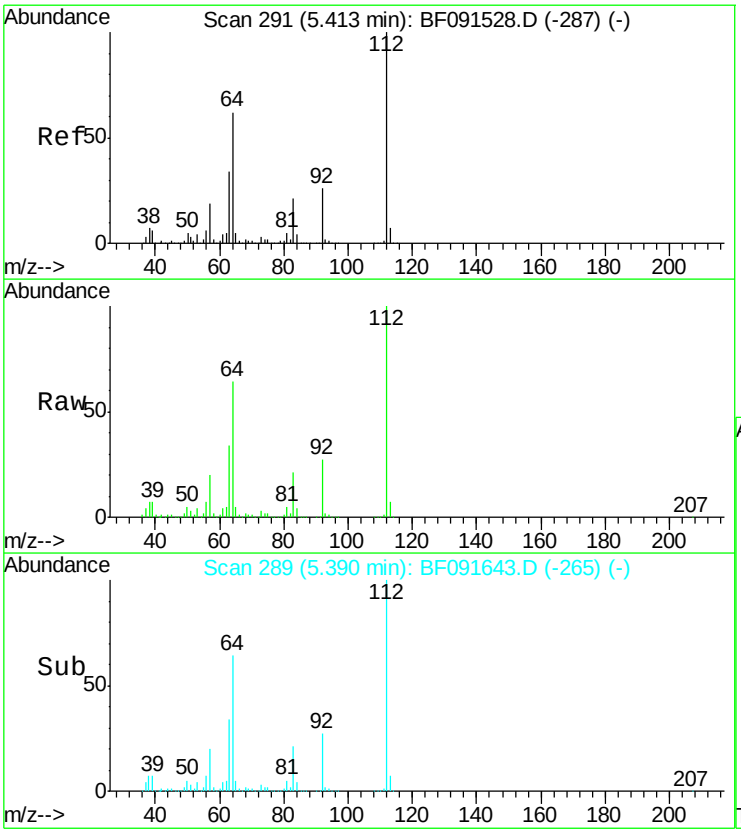
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion:152 Resp: 259189

Ion	Ratio	Lower	Upper
152	100		
150	155.0	122.5	183.7
115	60.8	51.8	77.8

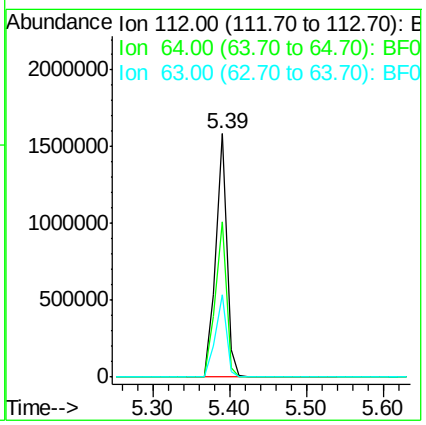


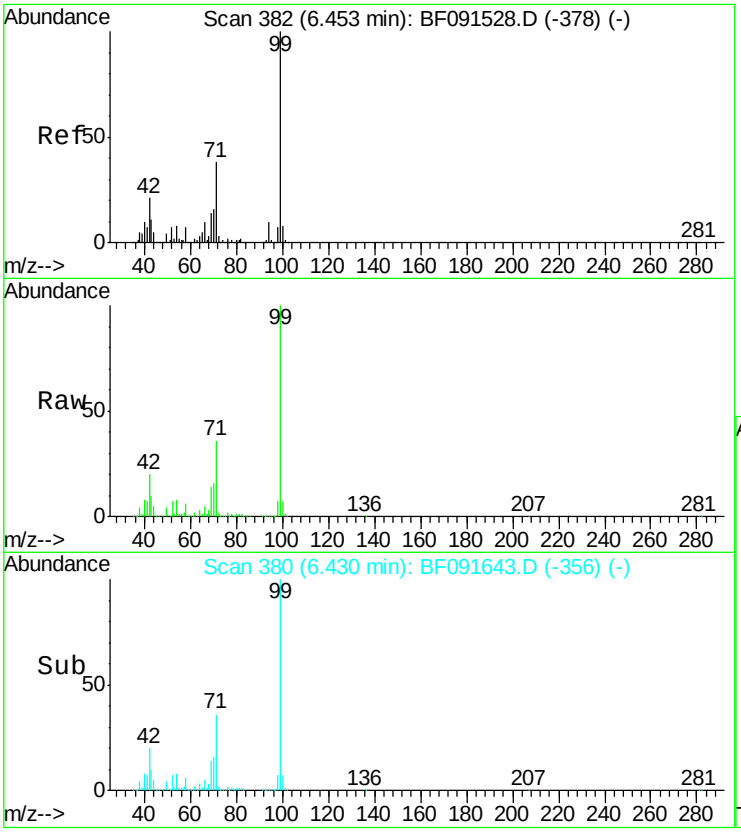


#5
2-Fluorophenol
Concen: 103.64 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:112 Resp: 1594445

Ion	Ratio	Lower	Upper
112	100		
64	64.0	61.5	92.3
63	33.6	33.3	49.9



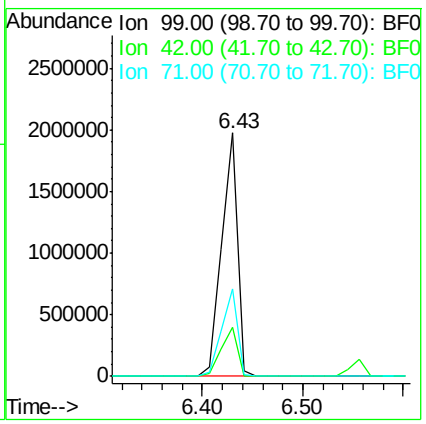


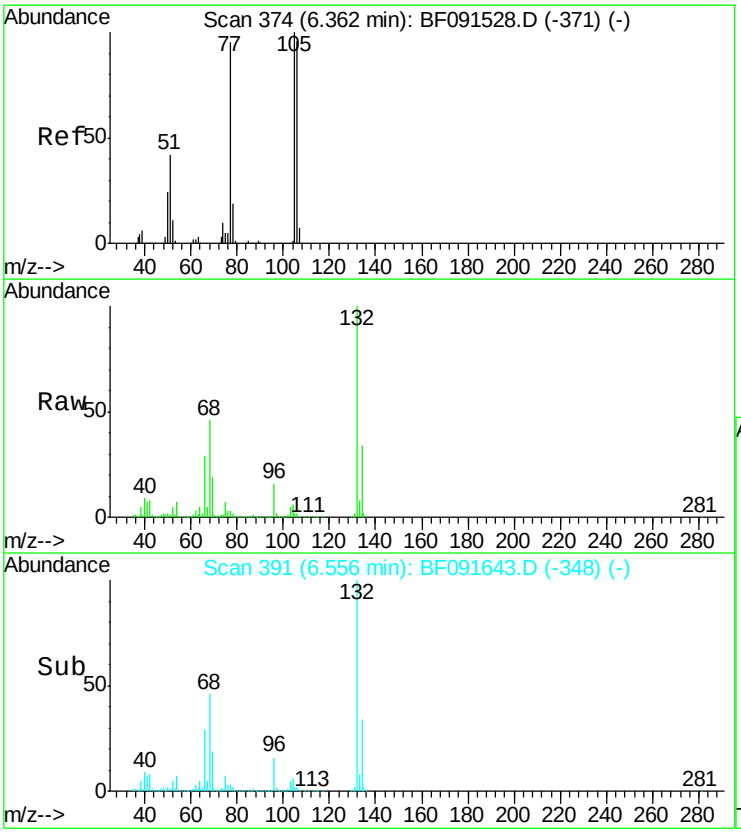
#7
Phenol-d6
Concen: 112.23 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion: 99 Resp: 2152534

Ion	Ratio	Lower	Upper
99	100		
42	20.2	20.6	31.0#
71	36.1	29.9	44.9

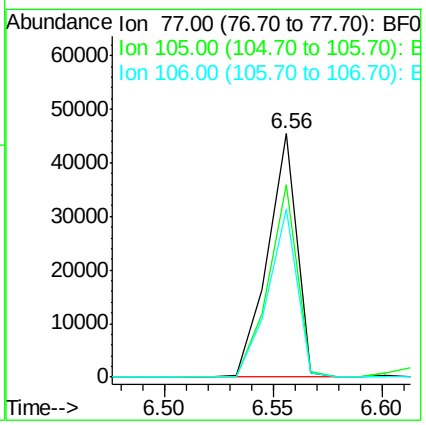


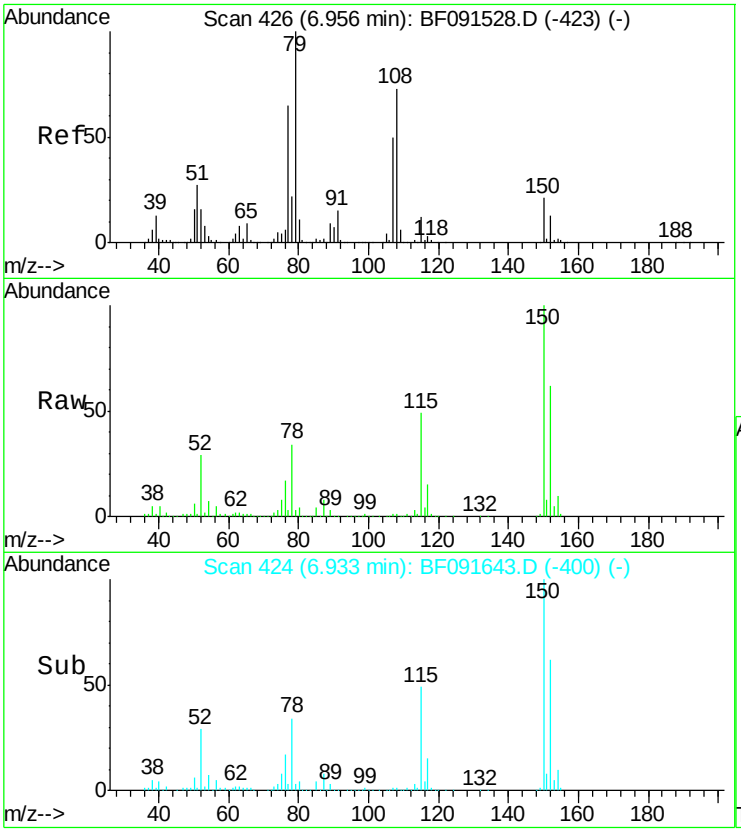


#9
Benzaldehyde
Concen: 3.27 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.19 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion: 77 Resp: 43210

Ion	Ratio	Lower	Upper
77	100		
105	79.3	66.4	106.4
106	69.1	60.9	100.9



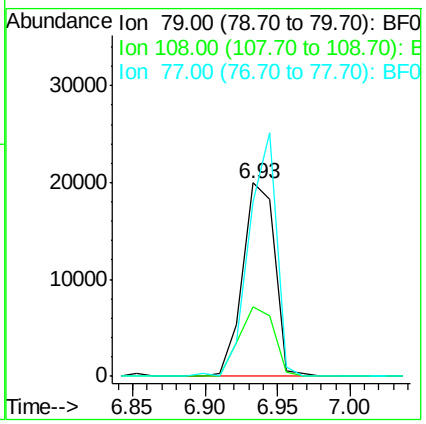


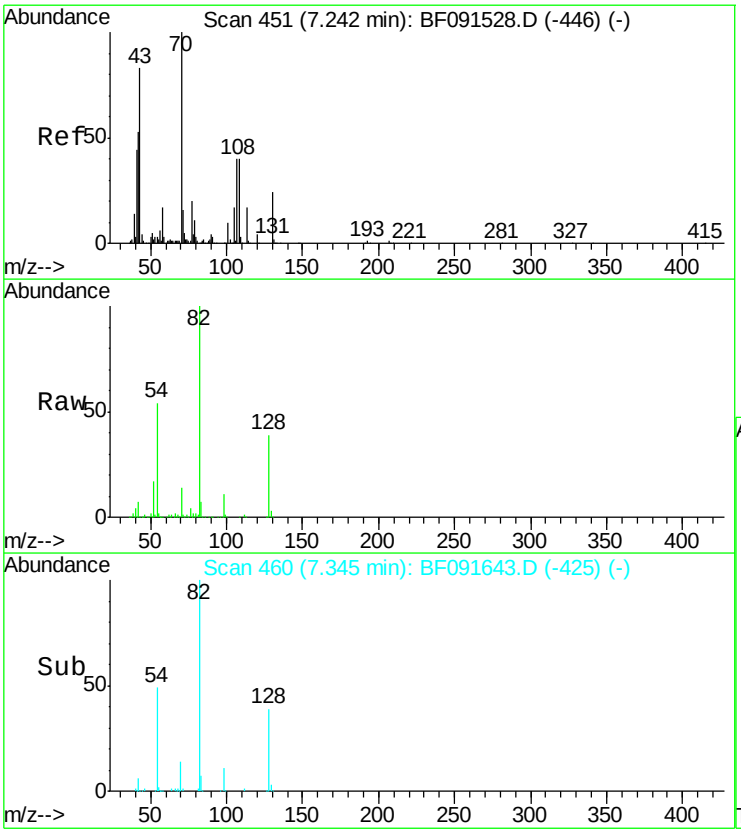
#15
Benzyl Alcohol
Concen: 2.03 ng
RT: 6.93 min Scan# 424
Delta R.T. -0.02 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion: 79 Resp: 30759

Ion	Ratio	Lower	Upper
79	100		
108	35.6	62.7	94.1#
77	89.9	51.7	77.5#

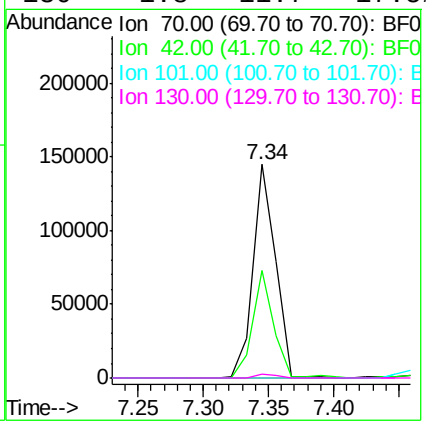


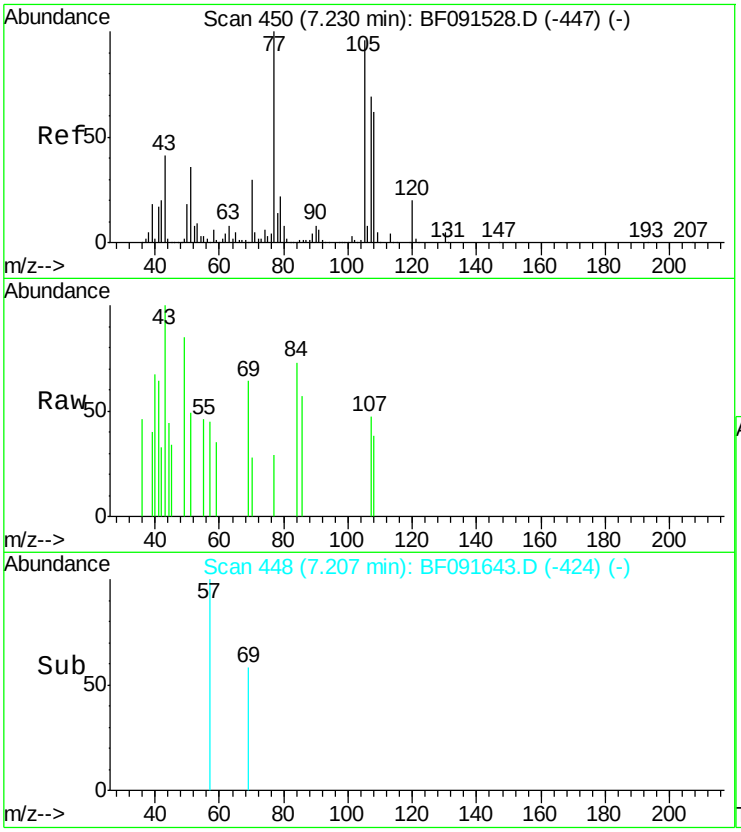


#19
n-Nitroso-di-n-propylamine
Concen: 14.55 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.10 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion: 70 Resp: 174520

Ion	Ratio	Lower	Upper
70	100		
42	50.3	64.8	97.2#
101	0.0	6.2	9.4#
130	1.8	11.7	17.5#



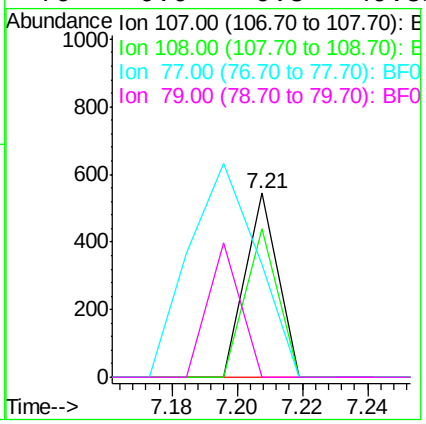


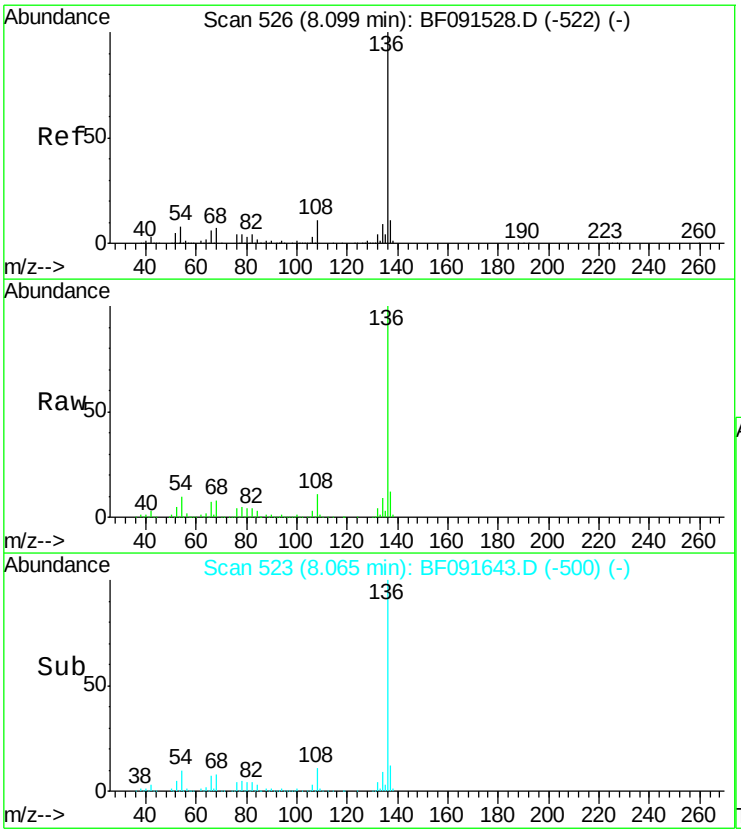
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion:107 Resp: 373

Ion	Ratio	Lower	Upper
107	100		
108	80.7	64.6	104.6
77	61.0	30.9	70.9
79	0.0	9.3	49.3#

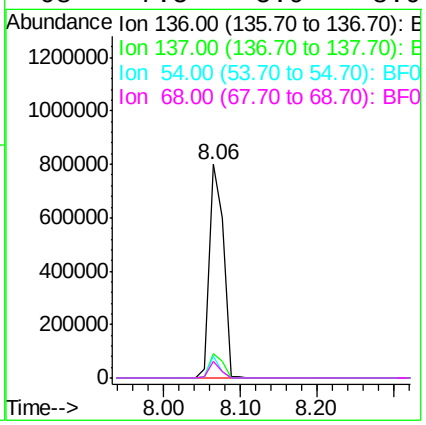


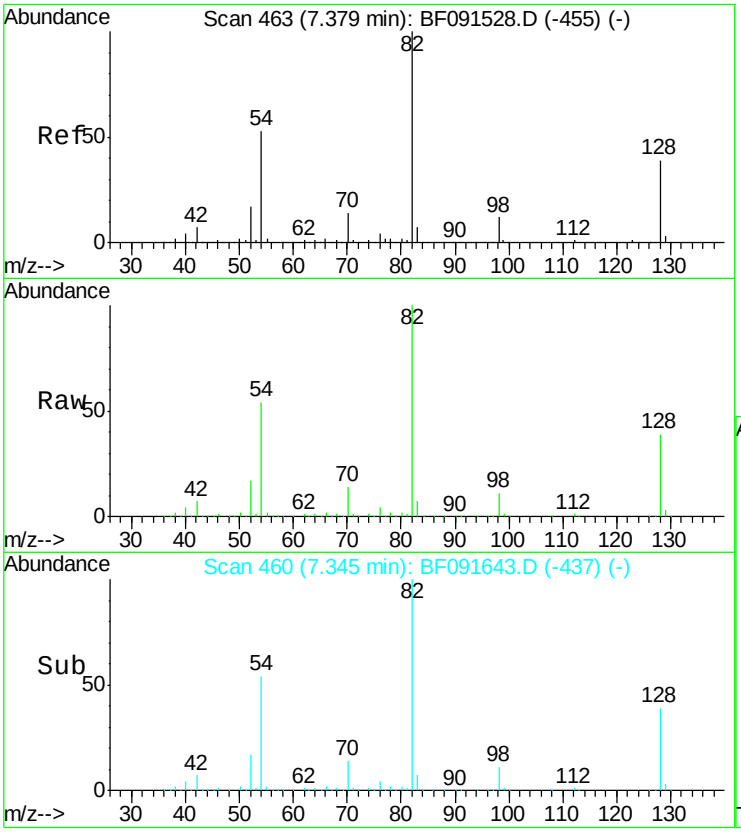


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:136 Resp: 994733

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	10.3	9.1	13.7
68	7.5	5.9	8.9



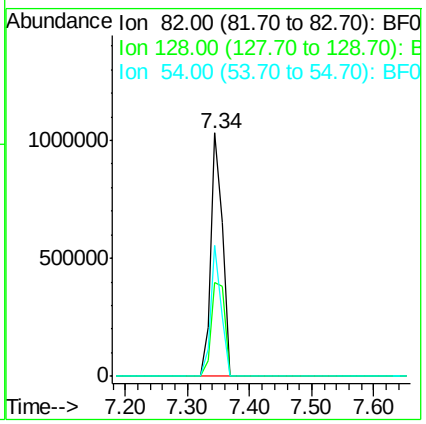


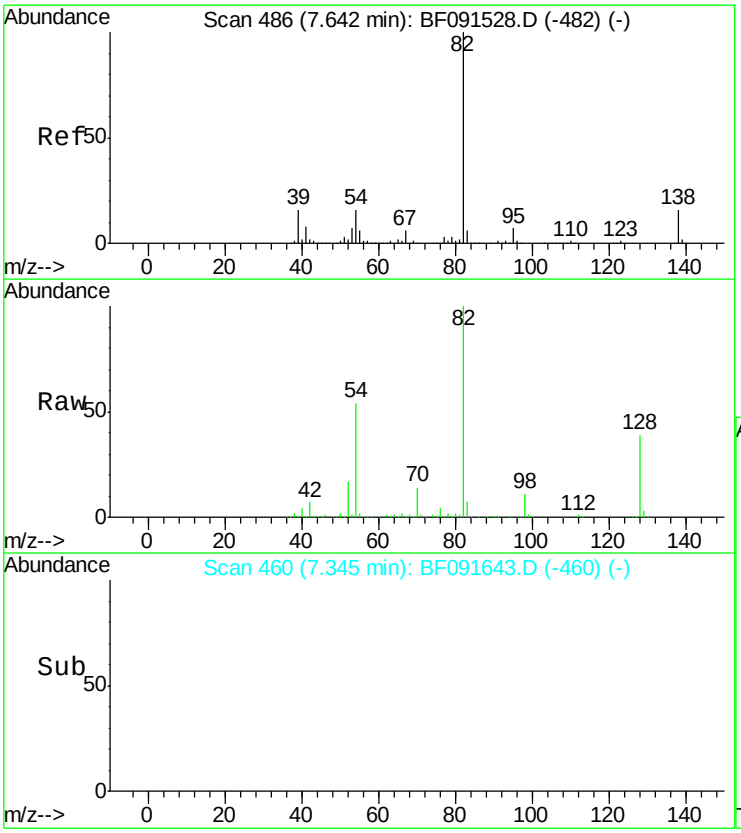
#23
Nitrobenzene-d5
Concen: 73.57 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion: 82 Resp: 1311219

Ion	Ratio	Lower	Upper
82	100		
128	38.8	31.8	47.6
54	53.7	49.1	73.7

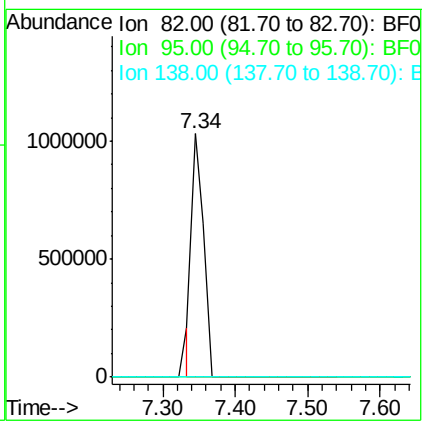


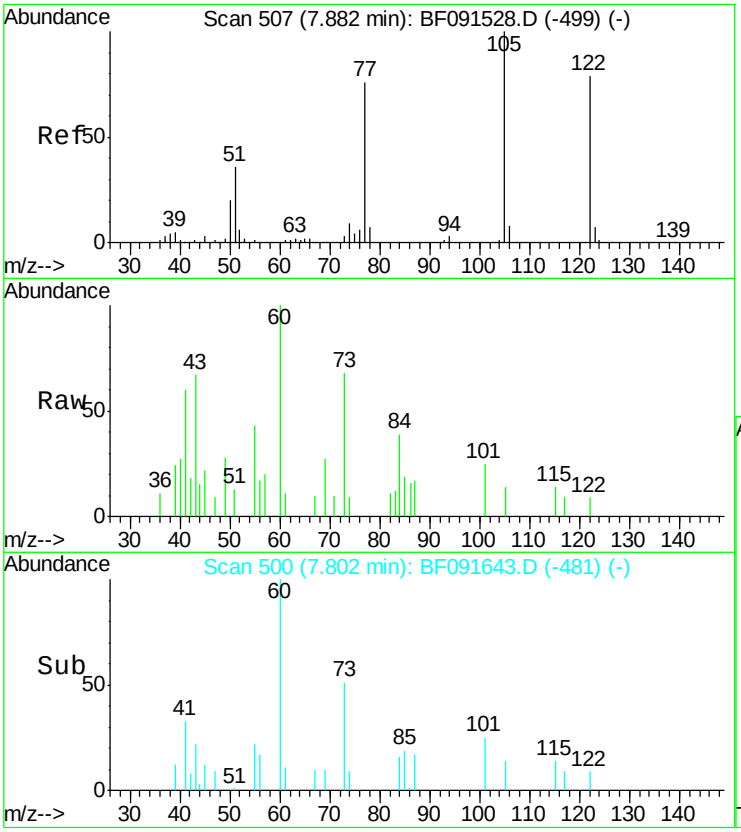


#25
Isophorone
Concen: 36.72 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.30 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion: 82 Resp: 1163317

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#



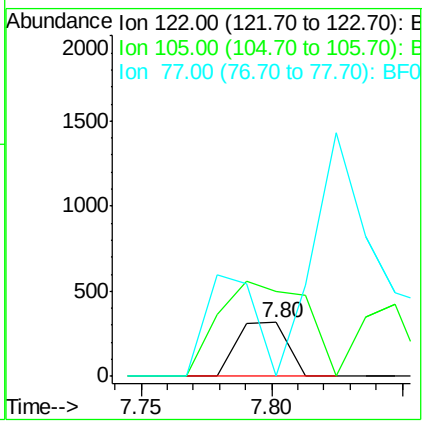


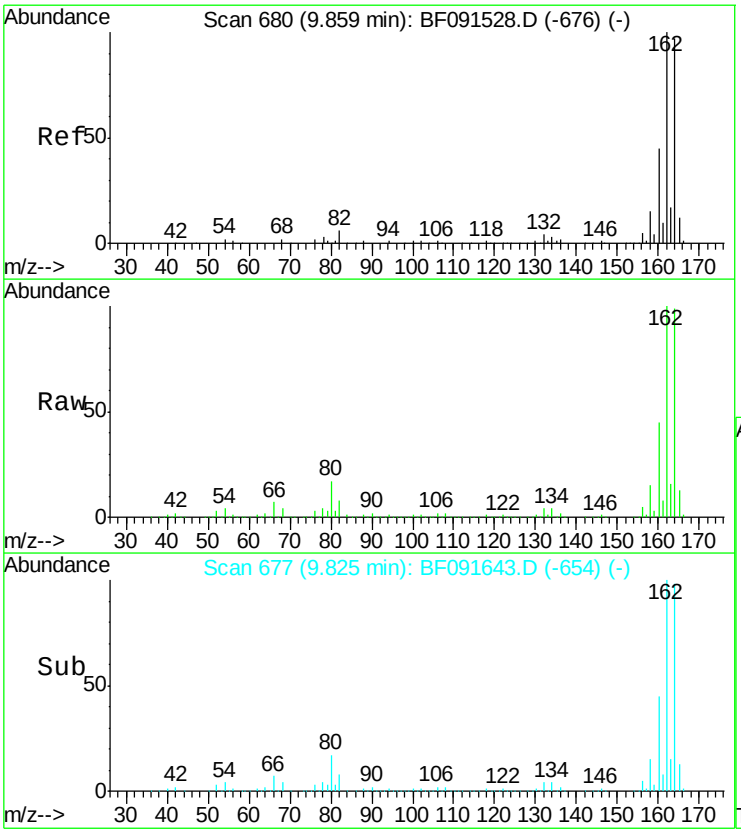
#32
Benzoic acid
Concen: 4.93 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.08 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion:122 Resp: 429

Ion	Ratio	Lower	Upper
122	100		
105	157.9	113.0	153.0#
77	0.0	82.0	122.0#

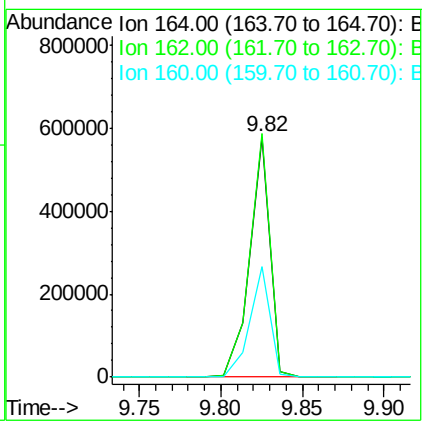


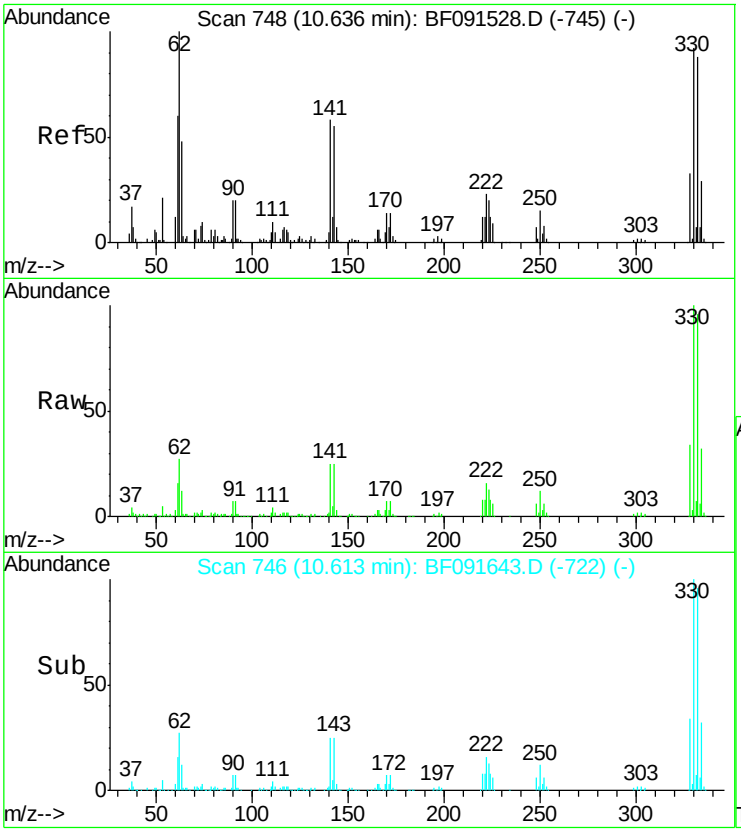


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:164 Resp: 497084

Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	124.0
160	46.0	36.7	55.1



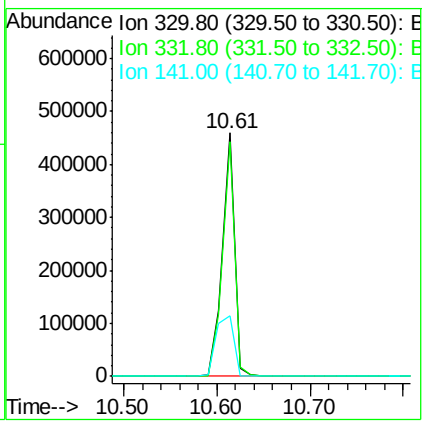


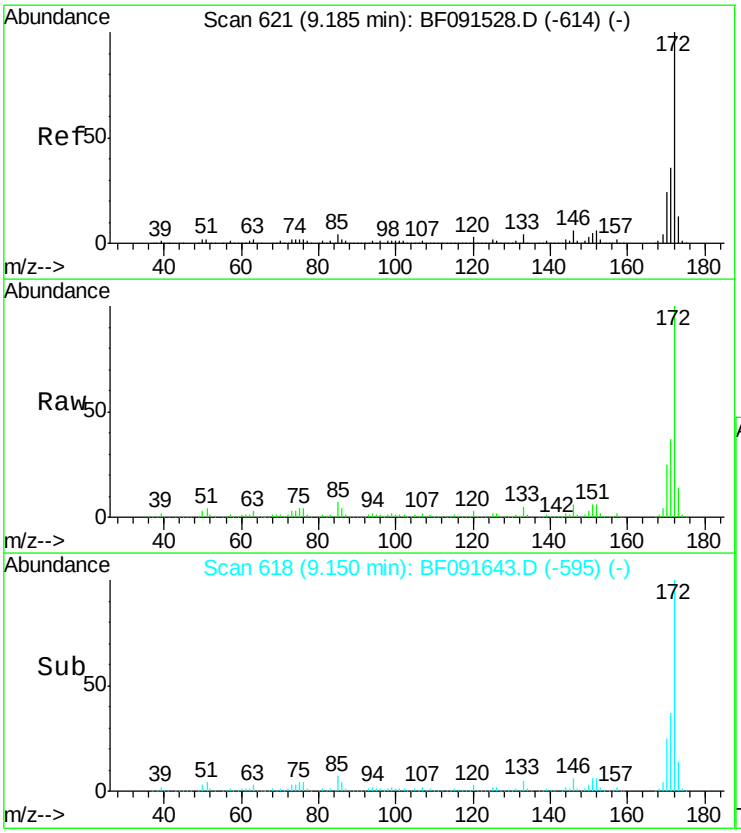
#41
2,4,6-Tribromophenol
Concen: 101.14 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion:330 Resp: 417598

Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.2	114.4
141	36.7	33.6	50.4

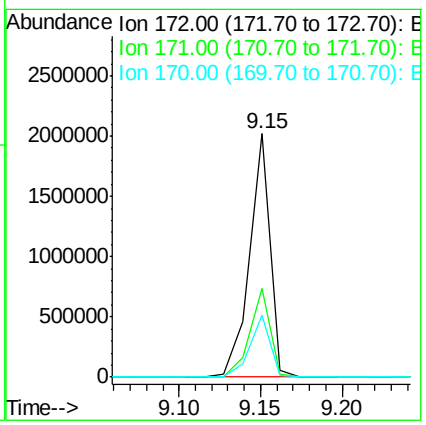


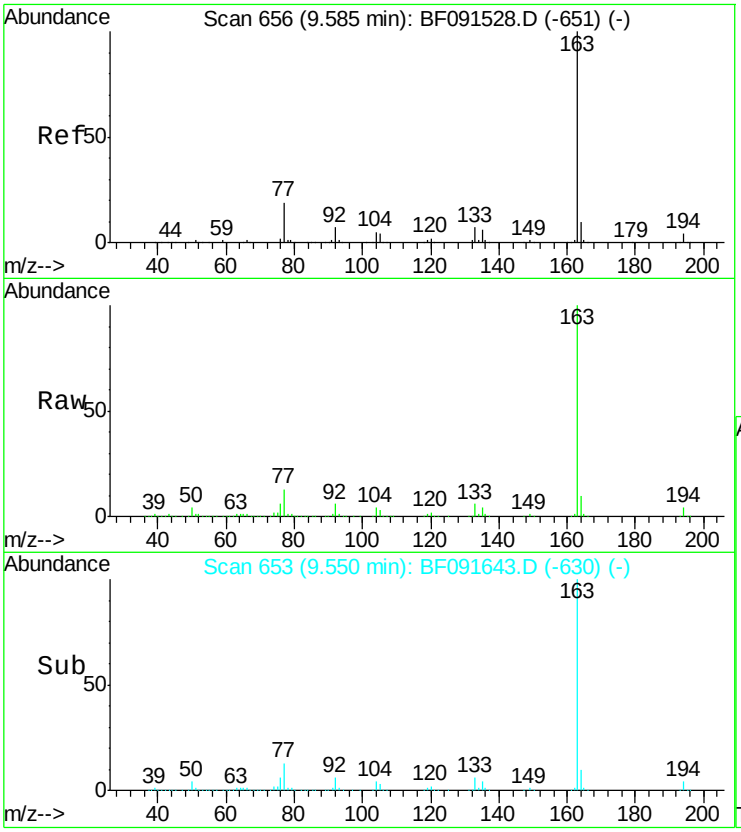


#44
2-Fluorobiphenyl
Concen: 61.25 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:172 Resp: 1761972

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.4	44.0
170	25.1	19.7	29.5



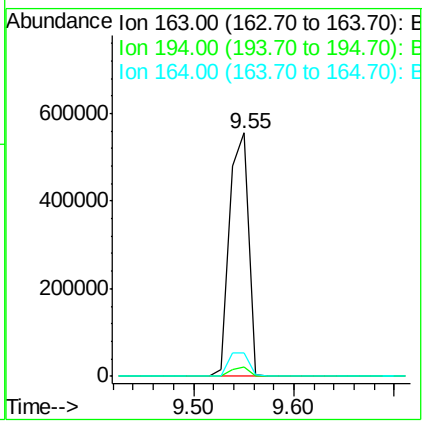


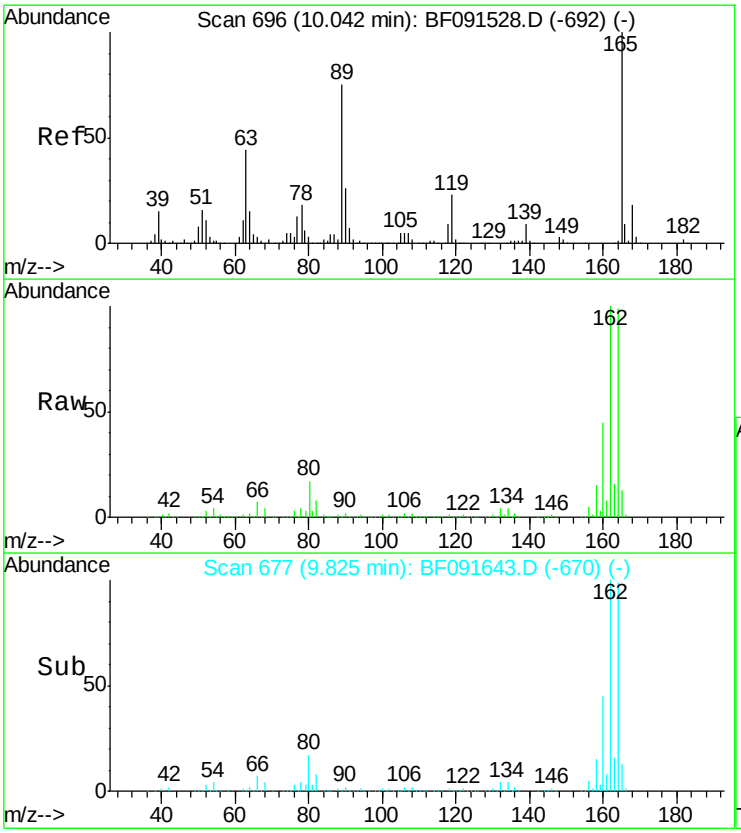
#49
Dimethylphthalate
Concen: 23.04 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion:163 Resp: 725270

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.4
164	9.8	7.8	11.8

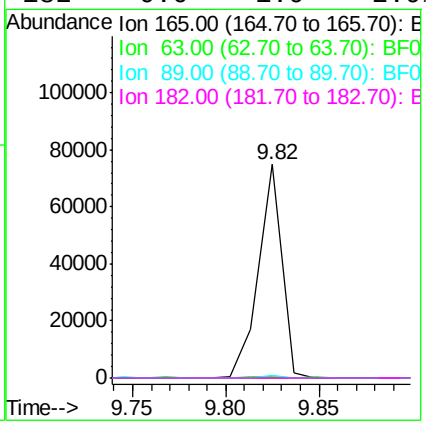


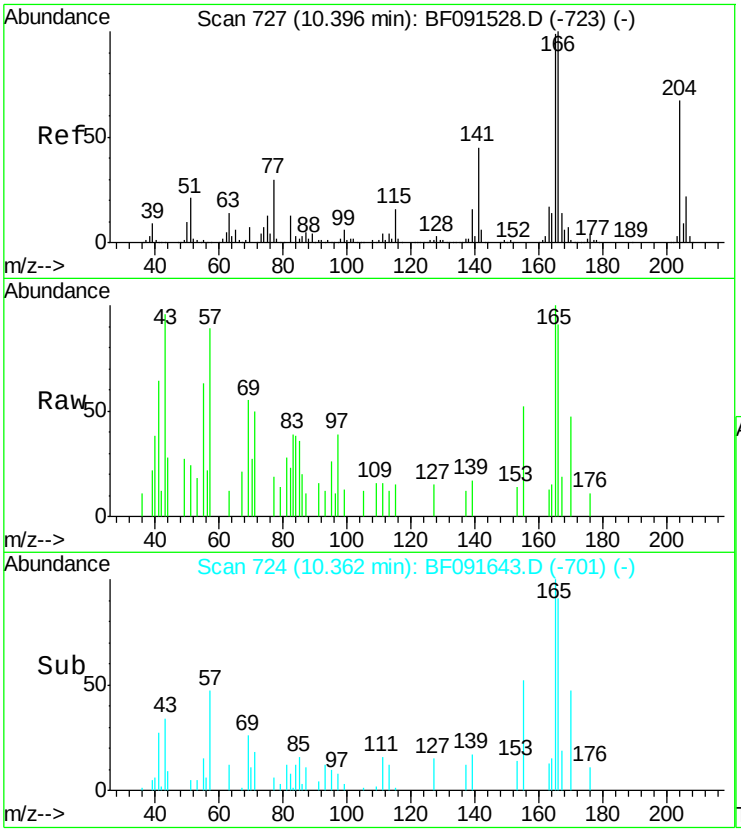


#56
2,4-Dinitrotoluene
Concen: 7.48 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.22 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:165 Resp: 64752

Ion	Ratio	Lower	Upper
165	100		
63	0.7	29.0	43.4#
89	1.1	43.1	64.7#
182	0.0	1.9	2.9#



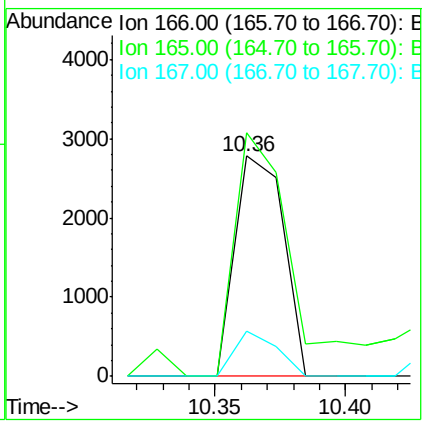


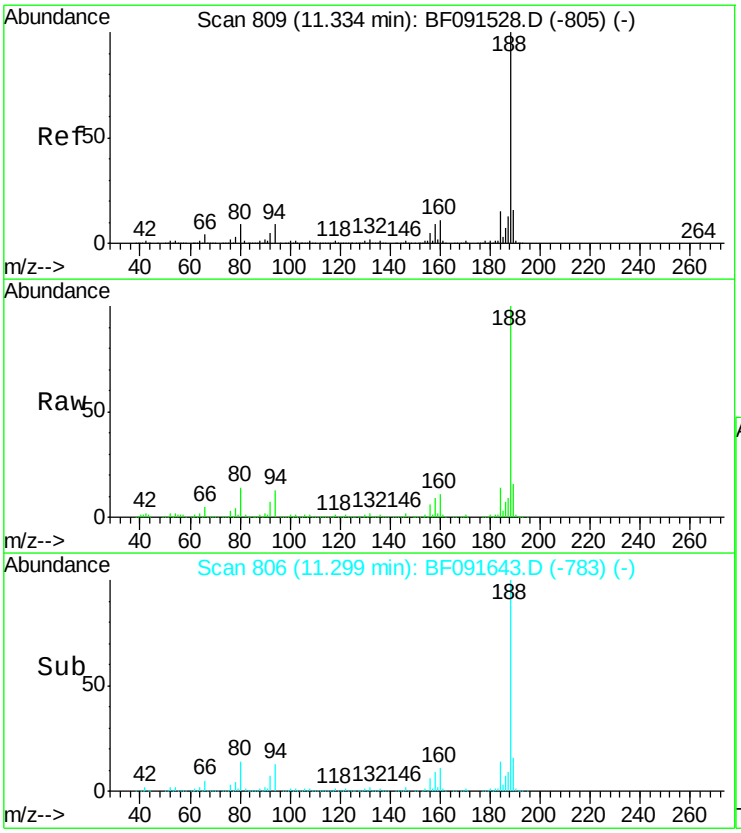
#57
Fluorene
Concen: Below Cal
RT: 10.36 min Scan# 724
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion:166 Resp: 3633

Ion	Ratio	Lower	Upper
166	100		
165	110.4	80.0	120.0
167	20.5	10.8	16.2#

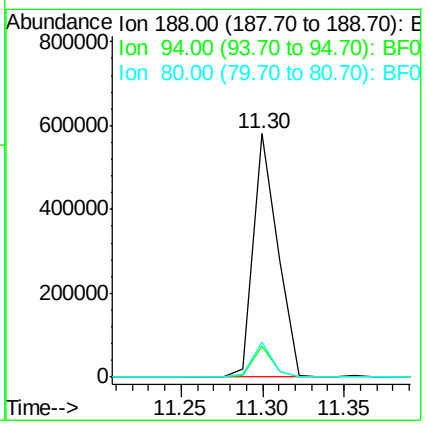


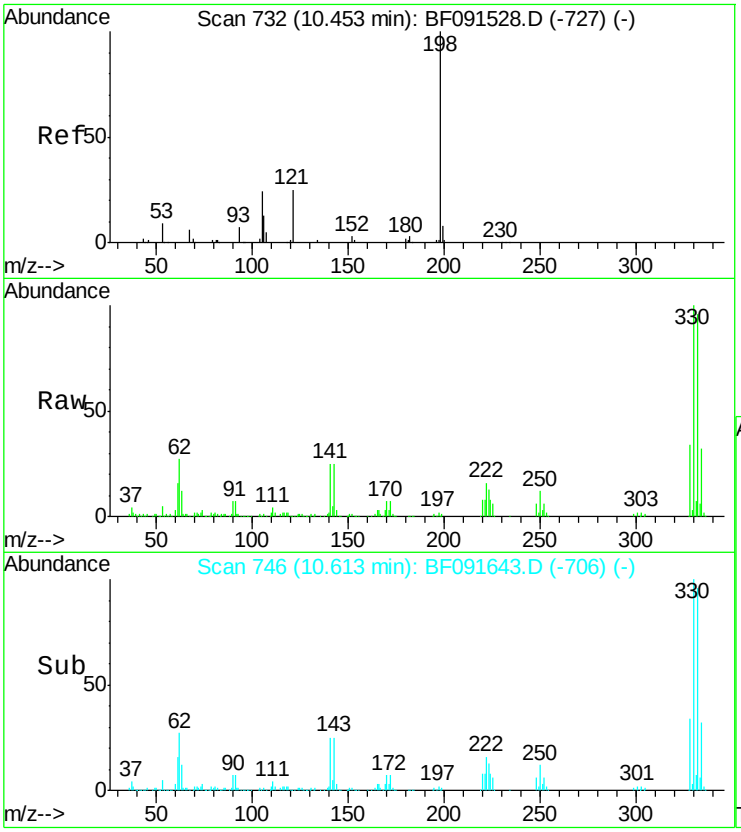


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:188 Resp: 605343

Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.2	13.8
80	14.1	10.5	15.7



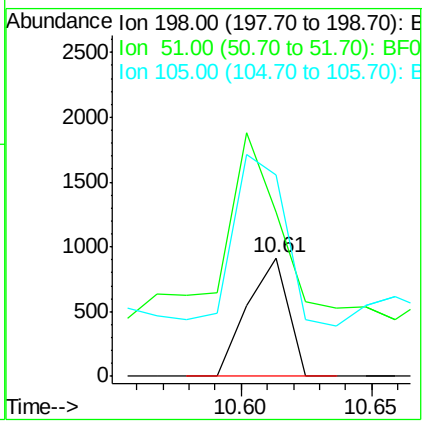


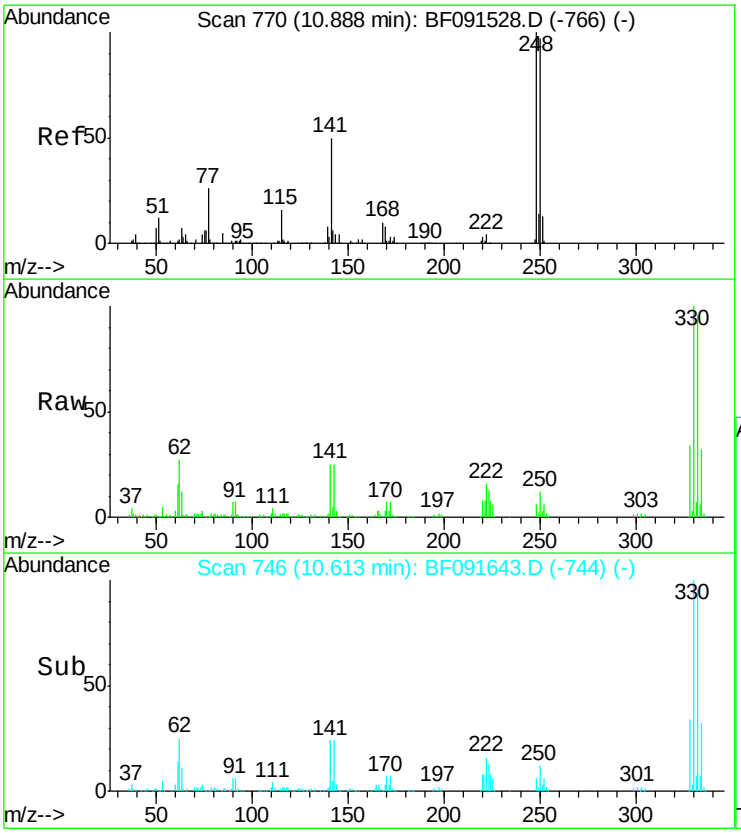
#64
4,6-Dinitro-2-methylphenol
Concen: 3.20 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.16 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion:198 Resp: 1007

Ion	Ratio	Lower	Upper
198	100		
51	137.9	77.1	117.1#
105	169.8	44.8	84.8#

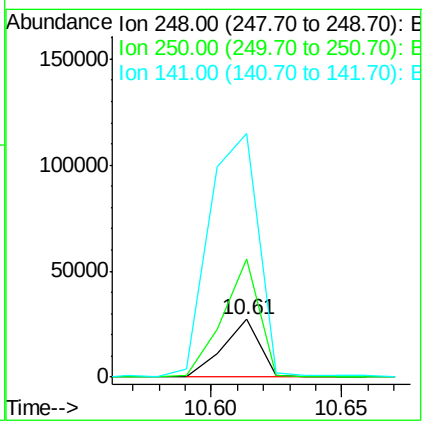


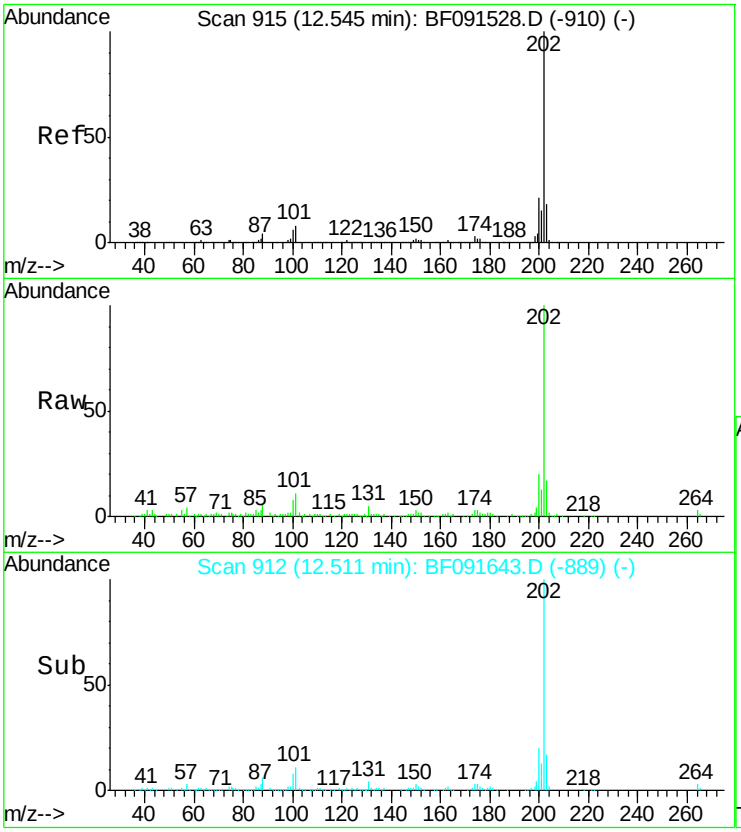


#66
4-Bromophenyl-phenylether
Concen: 4.32 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.27 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:248 Resp: 26810

Ion	Ratio	Lower	Upper
248	100		
250	203.6	78.2	117.4#
141	421.5	71.9	107.9#



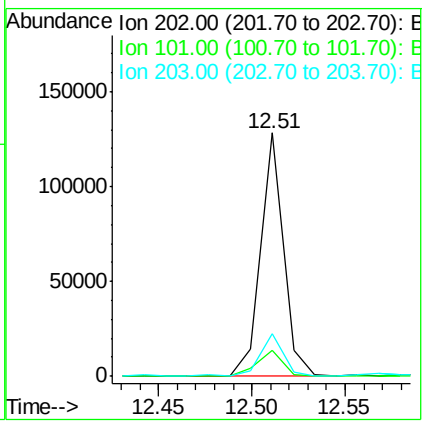


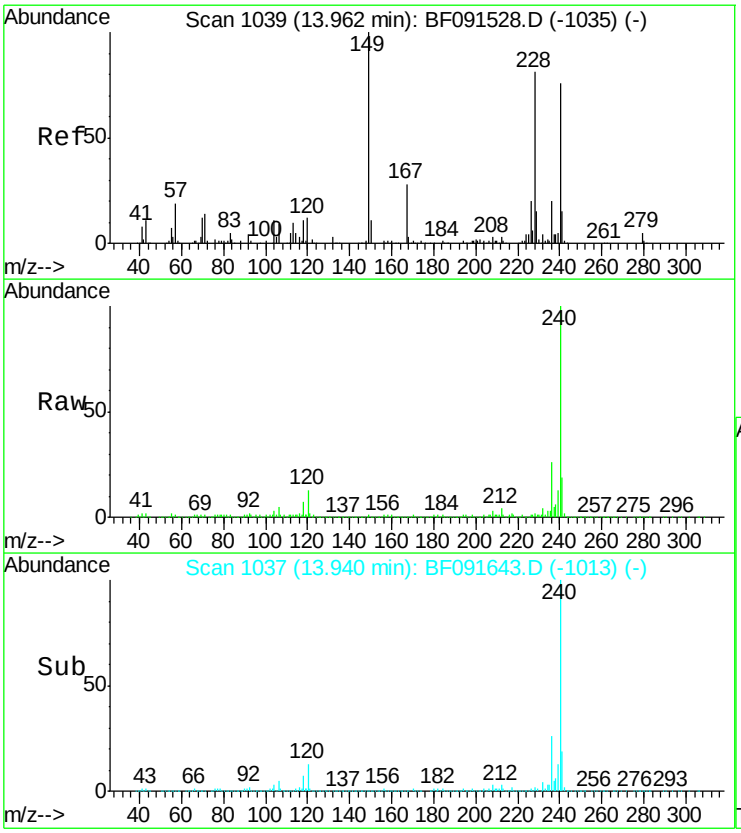
#74
Fluoranthene
Concen: 3.46 ng
RT: 12.51 min Scan# 912
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion:202 Resp: 108638

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	29.5
203	17.4	0.0	37.8

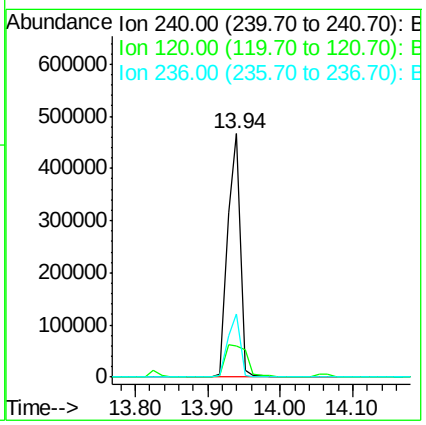


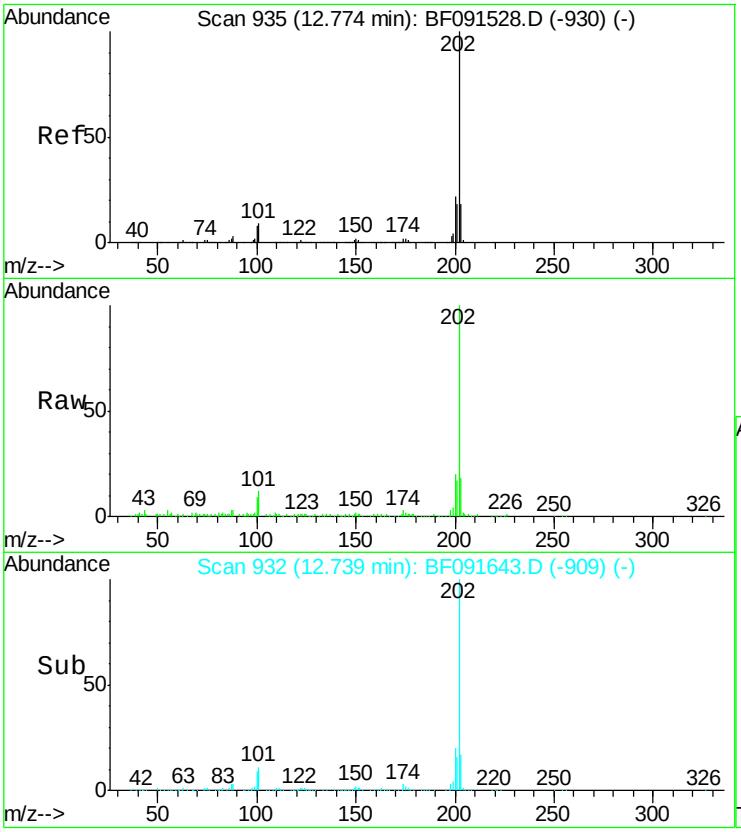


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:240 Resp: 555524

Ion	Ratio	Lower	Upper
240	100		
120	12.9	12.1	18.1
236	25.7	21.0	31.6



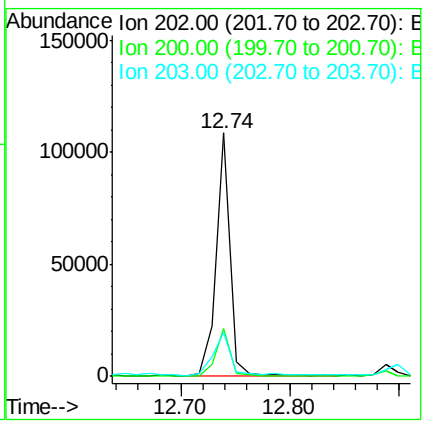


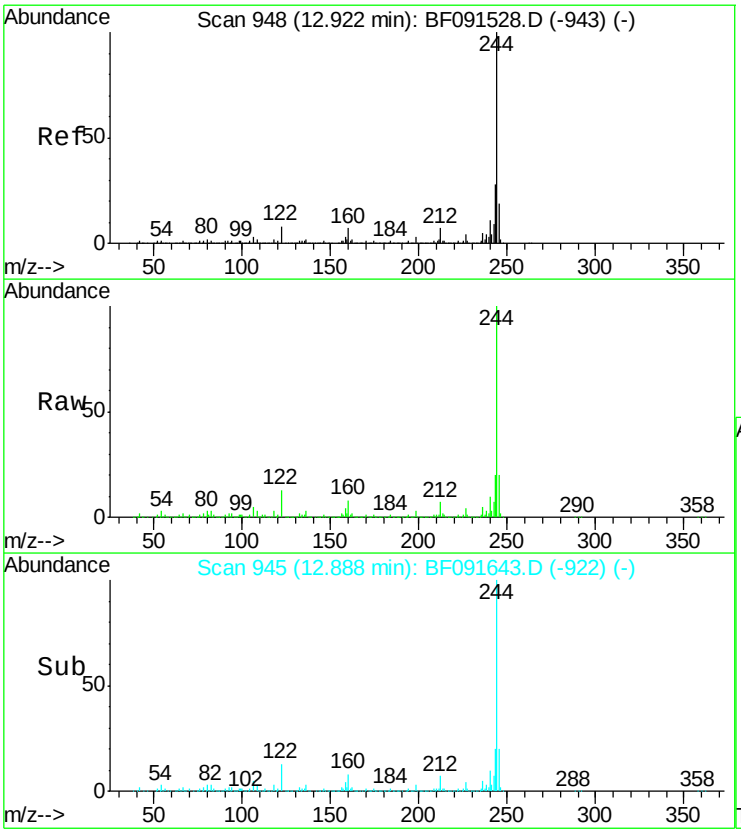
#77
Pyrene
Concen: 2.25 ng
RT: 12.74 min Scan# 932
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion:202 Resp: 99098

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.6	26.4
203	17.8	14.0	21.0

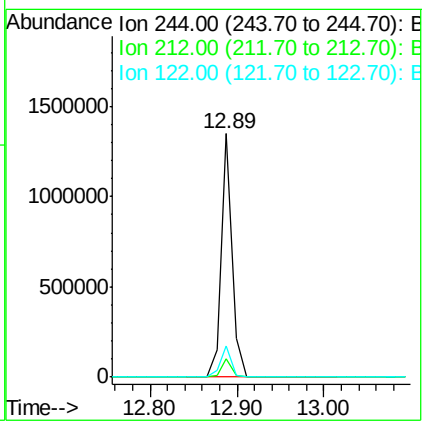


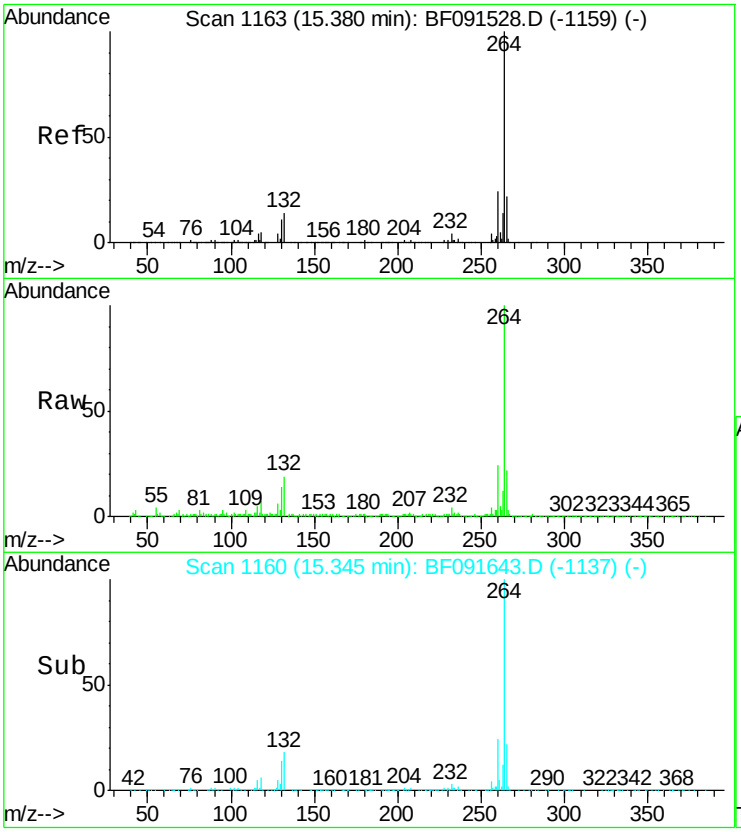


#78
Terphenyl-d14
Concen: 48.41 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:244 Resp: 1185200

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	12.8	9.5	14.3



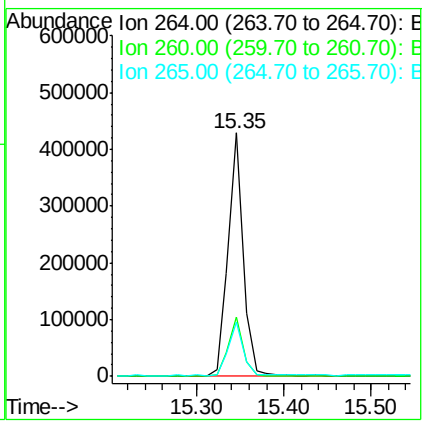


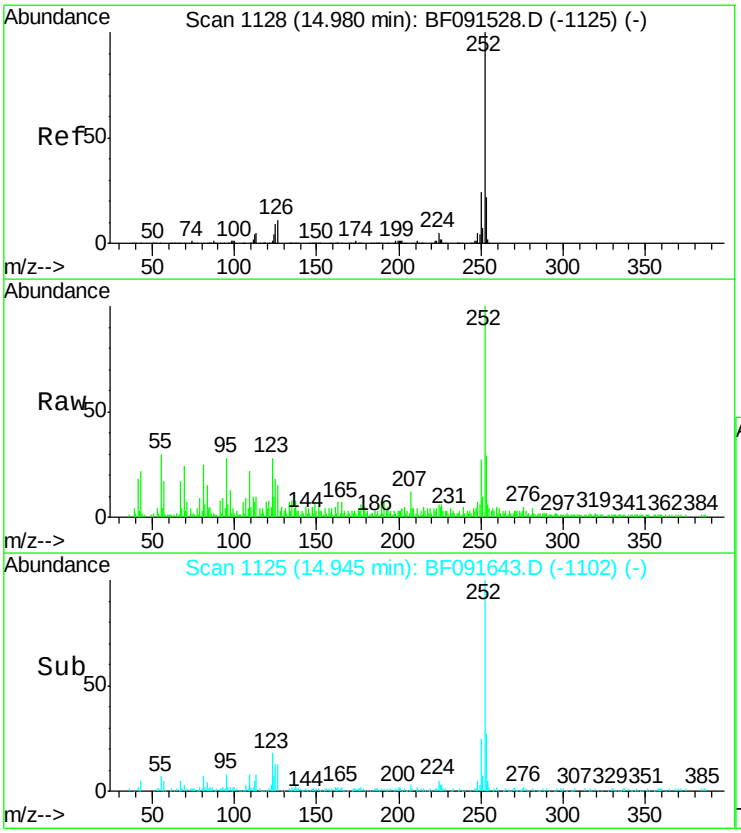
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion:264 Resp: 513725

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	22.2	17.0	25.6

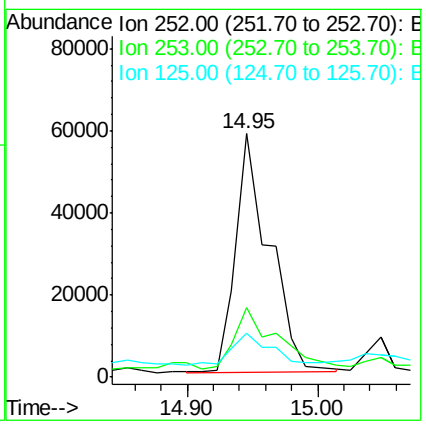


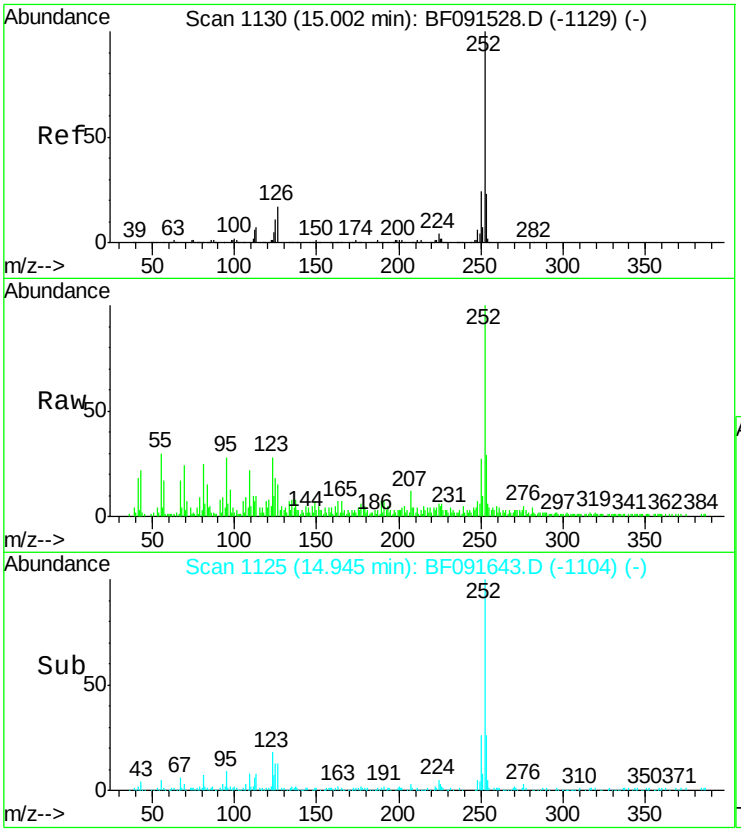


#87
Benzo(b)fluoranthene
Concen: 3.41 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:252 Resp: 104416

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.2	27.2#
125	18.0	8.6	13.0#



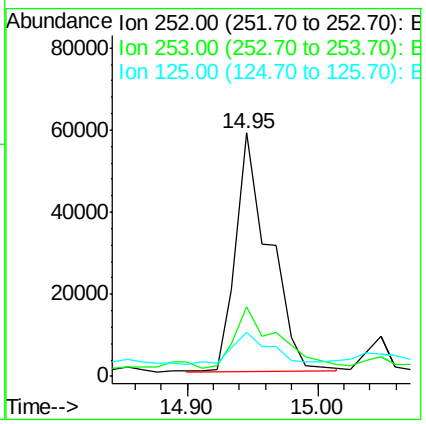


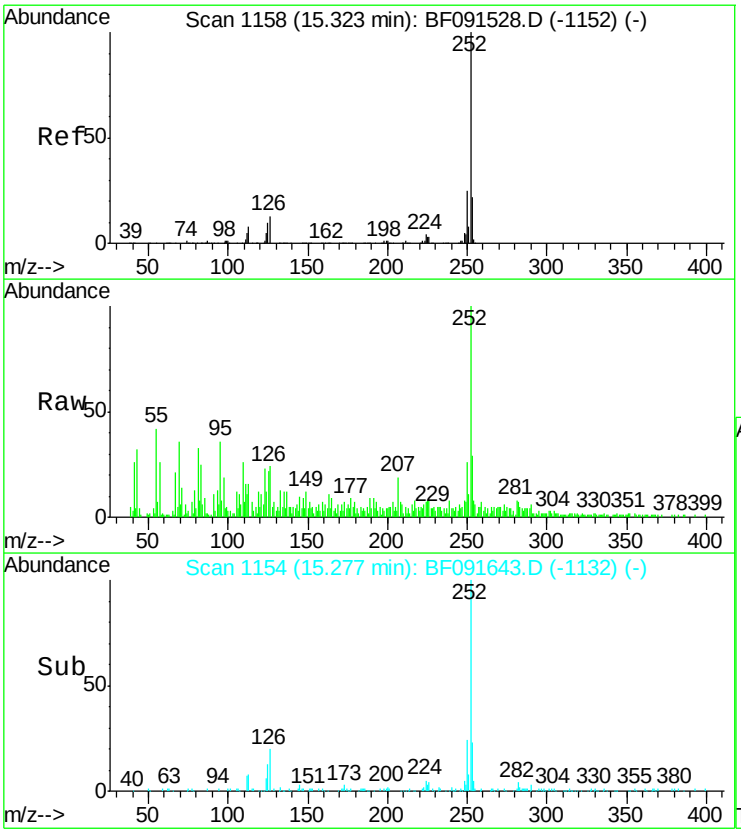
#88
Benzo(k)fluoranthene
Concen: 3.86 ng
RT: 14.95 min Scan# 1125
Delta R.T. -0.06 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Instrument :
BNA_F
ClientSampleId :
SS01-0-2IN

Tgt Ion:252 Resp: 103884

Ion	Ratio	Lower	Upper
252	100		
253	28.7	17.8	26.8#
125	18.0	9.6	14.4#





#89
Benzo(a)pyrene
Concen: 2.05 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.05 min
Lab File: BF091643.D
Acq: 15 Dec 2016 22:05

Tgt Ion:252 Resp: 56605

Ion	Ratio	Lower	Upper
252	100		
253	28.7	18.2	27.4#
125	22.5	10.4	15.6#