Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091557.D
Acq On : 13 Dec 2016 16:45
Operator : UM/SJ
Sample : H6009-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 1M-AGG-HP-03

Quant Time: Dec 14 00:20:08 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	6.81	152	322069	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	1366268	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	641362	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	1058541	20.00	ng		0.00
75) Chrysene-d12	13.96	240	741680	20.00	ng		0.00
86) Perylene-d12	15.37	264	638330	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1859139	97.25	ng		0.01
7) Phenol-d6	6.45	99	2012784	84.46	ng		0.00
23) Nitrobenzene-d5	7.38	82	1520625	62.12	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	434966	81.65	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2075341	55.91	ng		-0.01
78) Terphenyl-d14	12.91	244	1852014	56.66	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.58	77	40225	2.45	ng		86
10) Phenol	6.46	94	157780	5.66	ng		82
19) n-Nitroso-di-n-propylamine	7.38	70	204462	13.72	ng	#	59
20) 3+4-Methylphenols	7.23	107	519	Below	Cal	#	12
32) Benzoic acid	8.10	122	259	4.91	ng	#	1
49) Dimethylphthalate	9.57	163	459903	11.32	ng		99
56) 2,4-Dinitrotoluene	9.85	165	88513	7.92	ng	#	34
57) Fluorene	10.40	166	3985	Below	Cal	#	95
64) 4,6-Dinitro-2-methylphenol	10.64	198	1101	3.11	ng	#	1
66) 4-Bromophenyl-phenylether	10.64	248	29721	2.74	ng	#	1

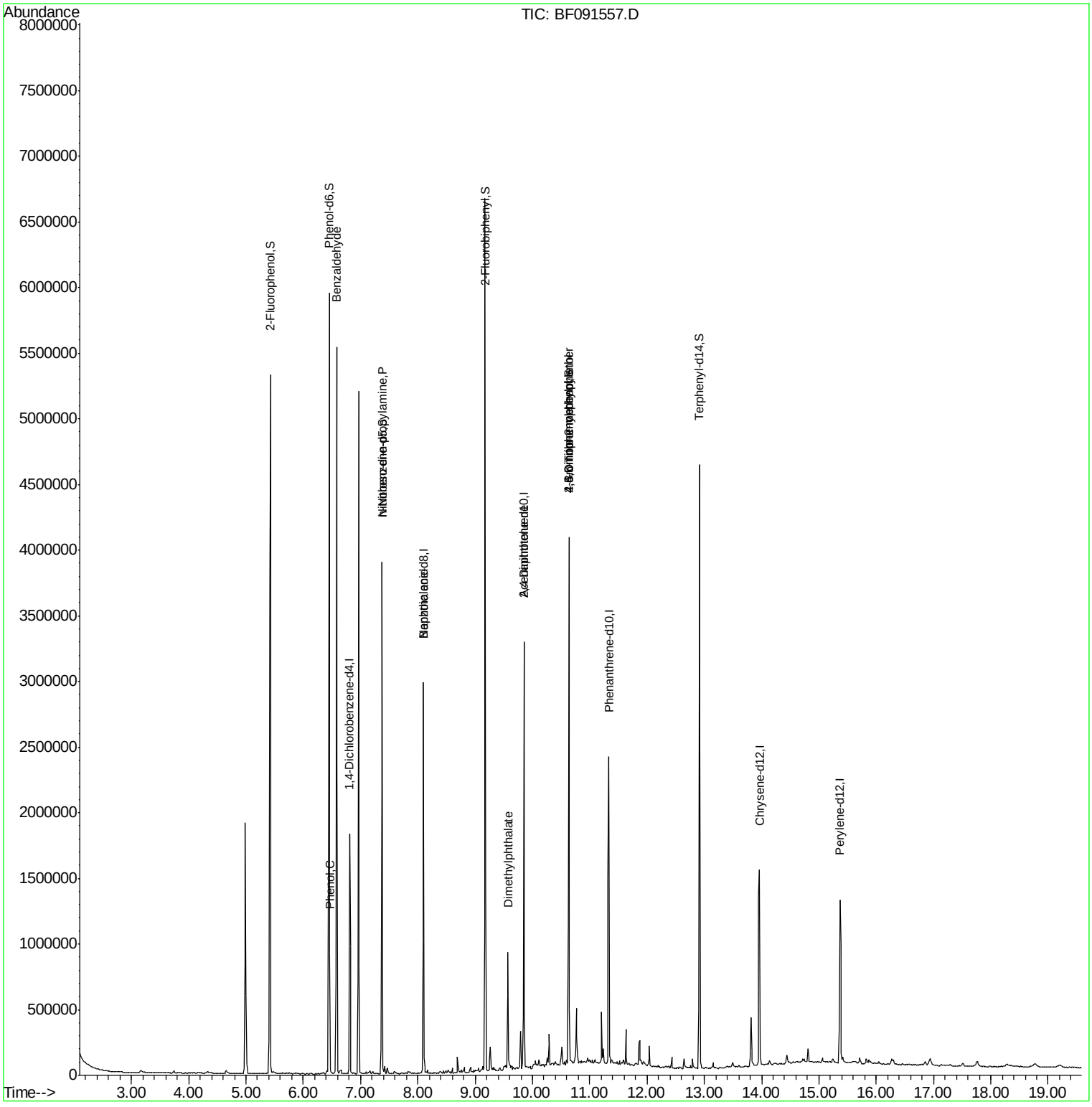
(#) = qualifier out of range (m) = manual integration (+) = signals summed

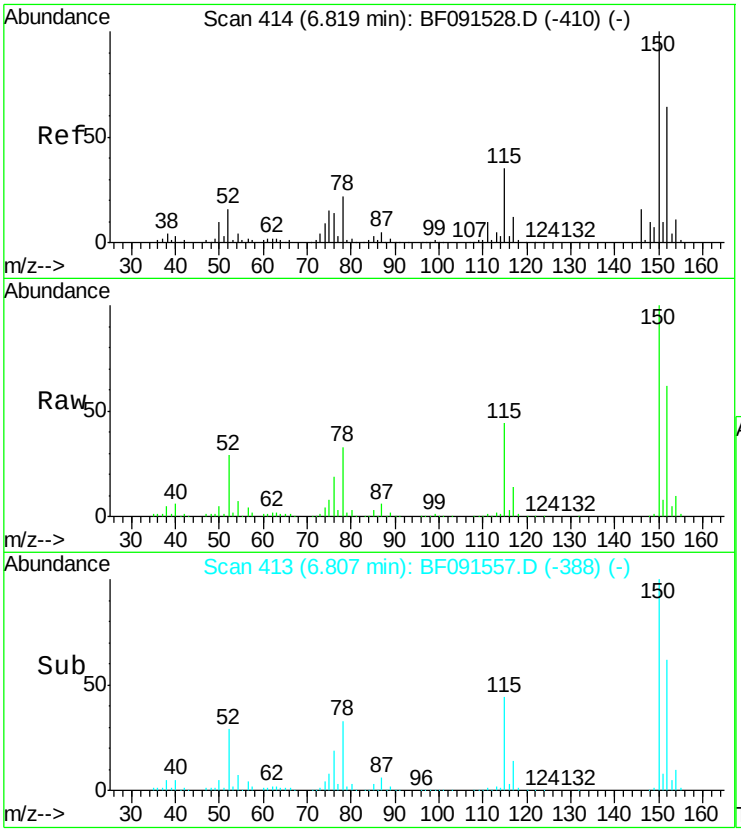
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091557.D
Acq On : 13 Dec 2016 16:45
Operator : UM/SJ
Sample : H6009-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Quant Time: Dec 14 00:20:08 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



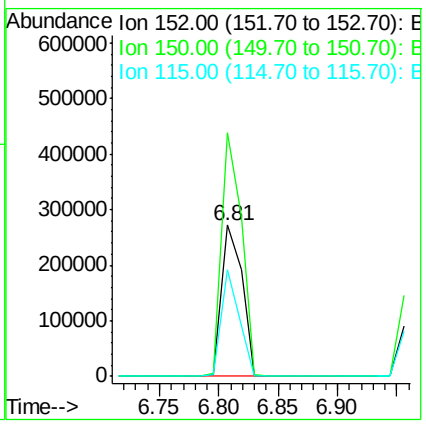


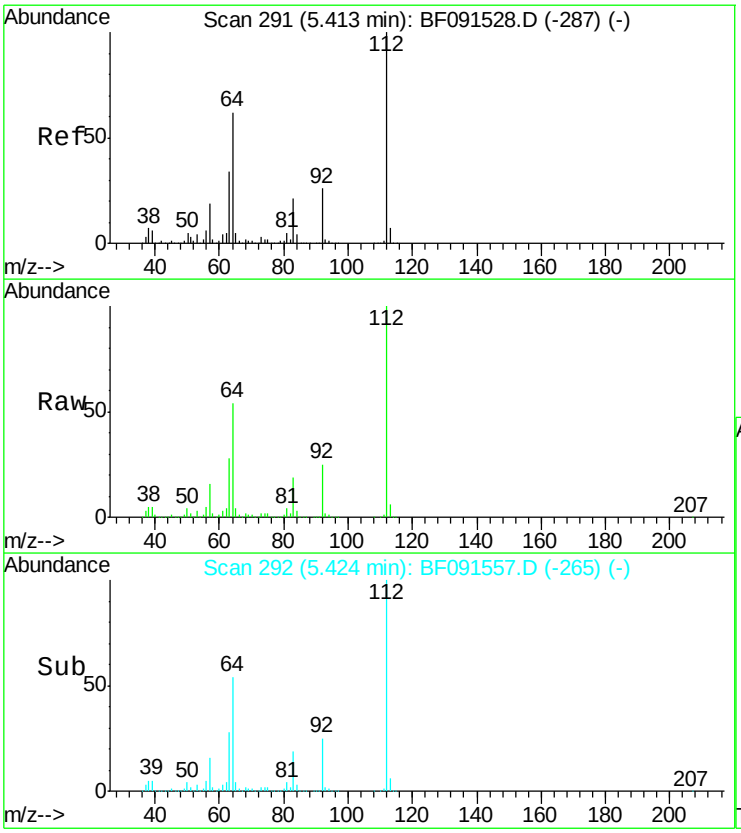
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tgt Ion:152 Resp: 322069

Ion	Ratio	Lower	Upper
152	100		
150	161.0	122.5	183.7
115	70.5	51.8	77.8

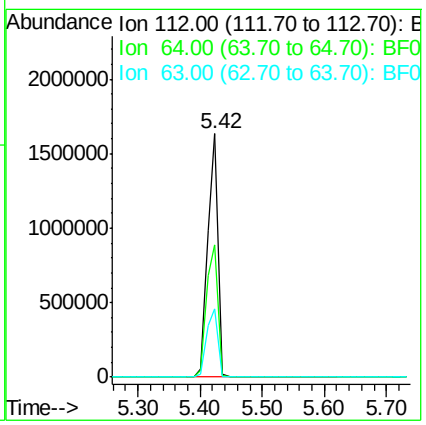


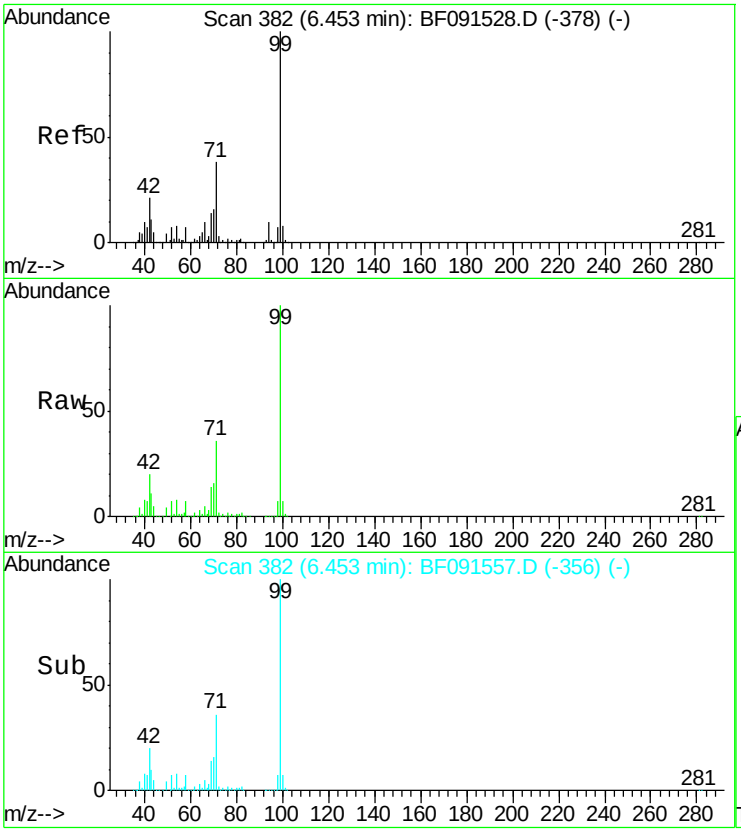


#5
2-Fluorophenol
Concen: 97.25 ng
RT: 5.42 min Scan# 292
Delta R.T. 0.01 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion:112 Resp: 1859139

Ion	Ratio	Lower	Upper
112	100		
64	54.4	61.5	92.3#
63	27.8	33.3	49.9#



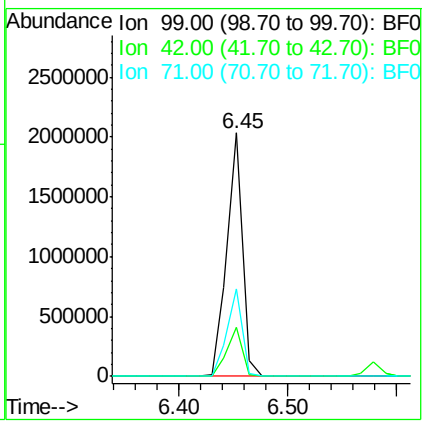


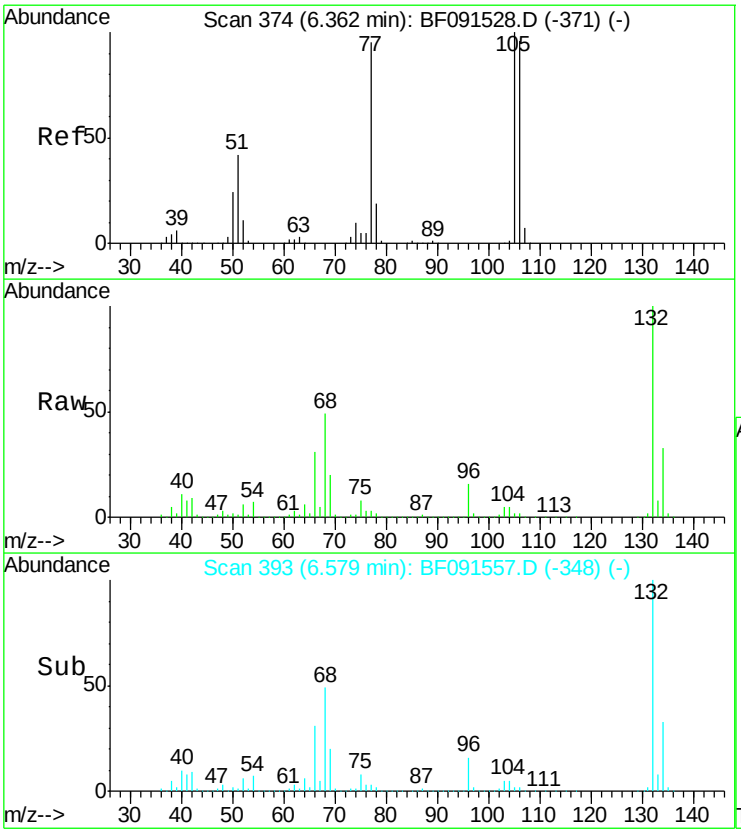
#7
Phenol-d6
Concen: 84.46 ng
RT: 6.45 min Scan# 382
Delta R.T. -0.00 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tgt Ion: 99 Resp: 2012784

Ion	Ratio	Lower	Upper
99	100		
42	20.1	20.6	31.0#
71	36.2	29.9	44.9

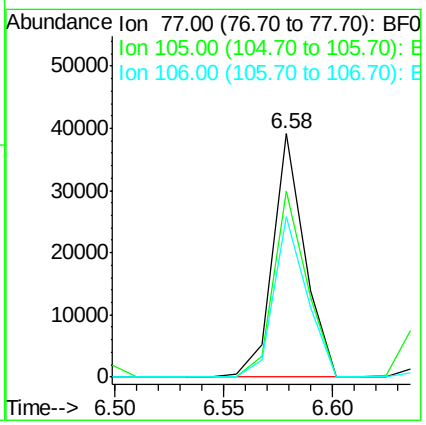


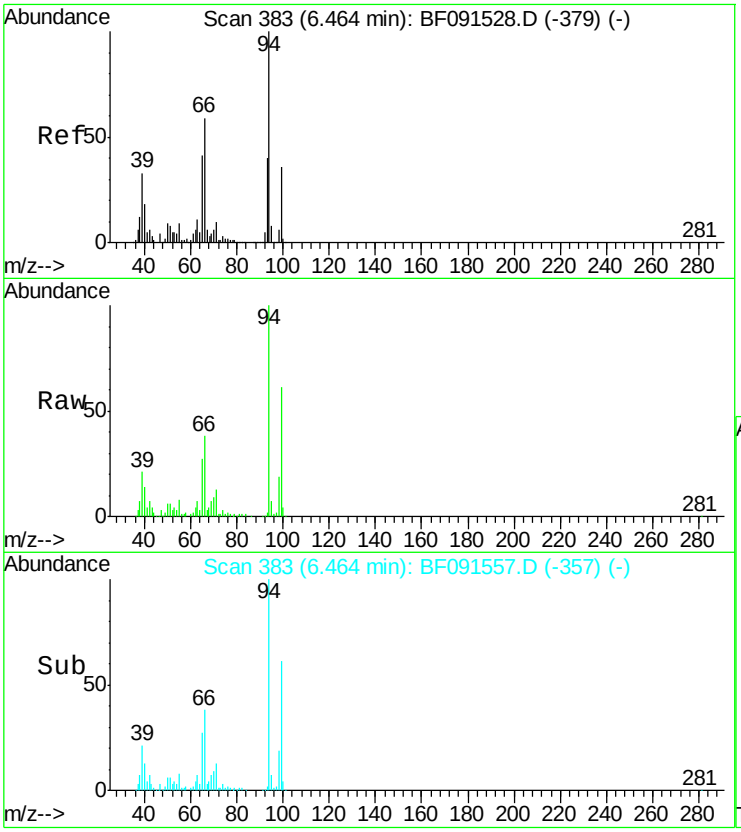


#9
Benzaldehyde
Concen: 2.45 ng
RT: 6.58 min Scan# 393
Delta R.T. 0.22 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion: 77 Resp: 40225

Ion	Ratio	Lower	Upper
77	100		
105	76.3	66.4	106.4
106	65.8	60.9	100.9



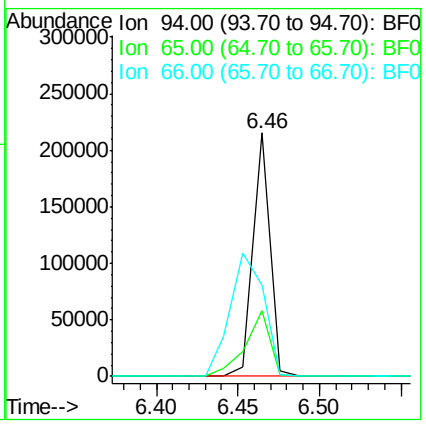


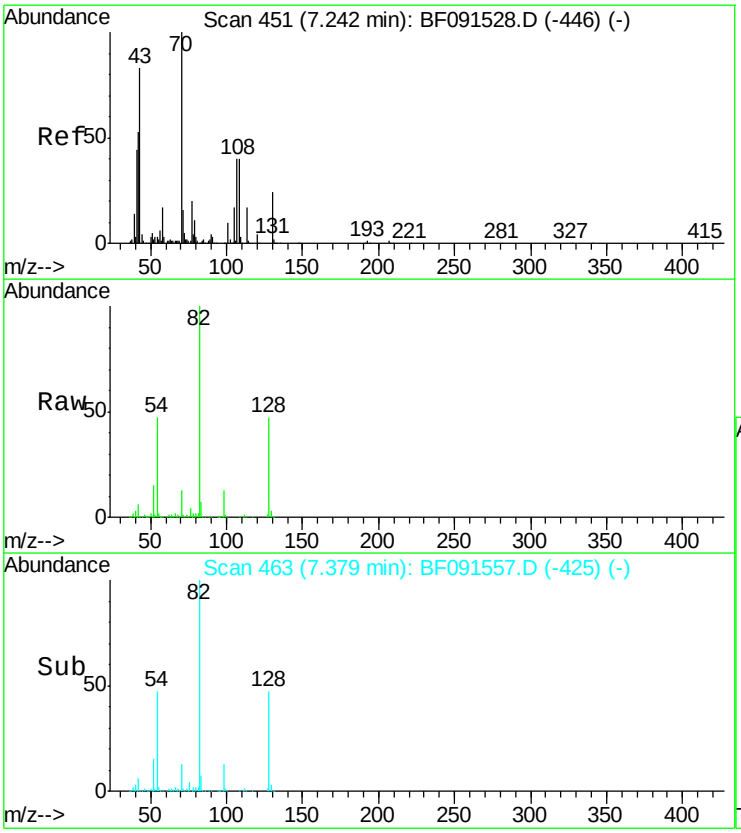
#10
Phenol
Concen: 5.66 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.00 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tgt Ion: 94 Resp: 157780

Ion	Ratio	Lower	Upper
94	100		
65	27.2	16.9	56.9
66	37.6	30.6	70.6

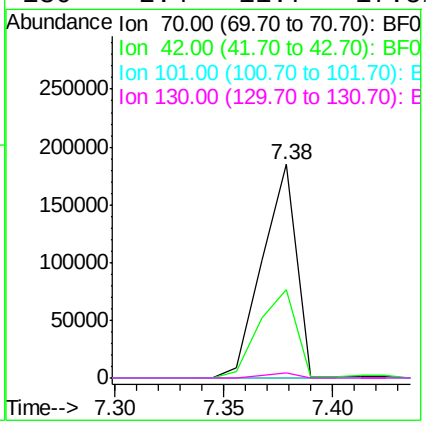


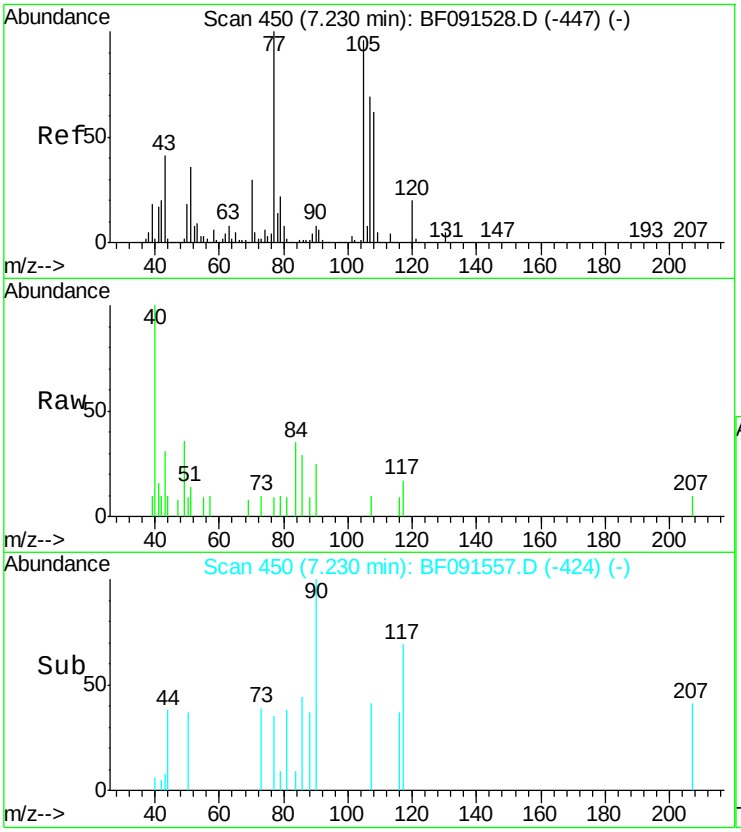


#19
n-Nitroso-di-n-propylamine
Concen: 13.72 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.14 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion: 70 Resp: 204462

Ion	Ratio	Lower	Upper
70	100		
42	41.6	64.8	97.2#
101	0.0	6.2	9.4#
130	2.4	11.7	17.5#



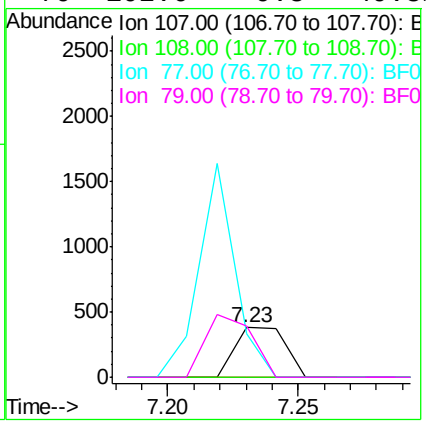


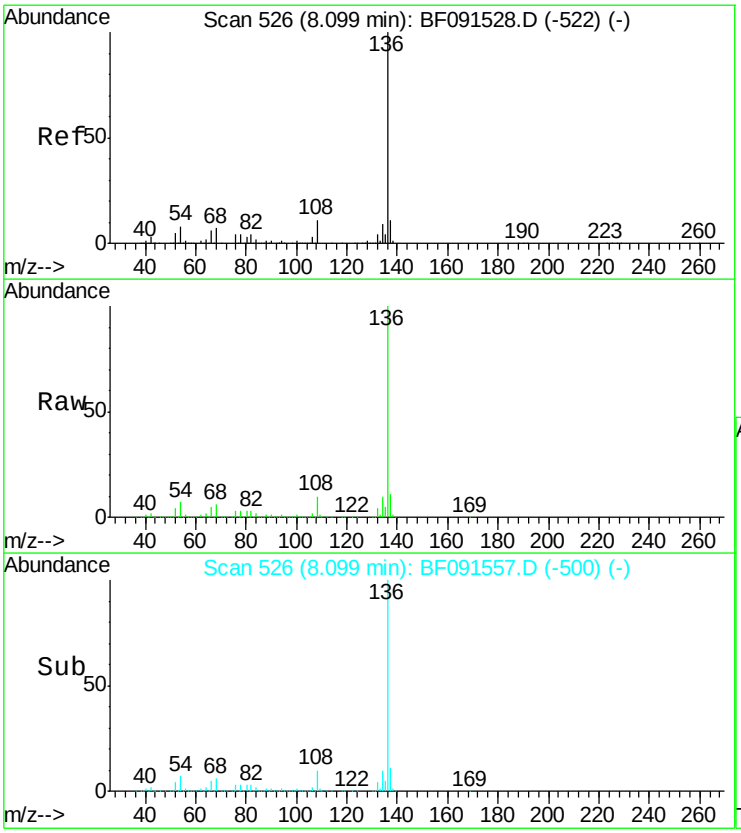
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tgt Ion:107 Resp: 519

Ion	Ratio	Lower	Upper
107	100		
108	0.0	64.6	104.6#
77	86.4	30.9	70.9#
79	102.6	9.3	49.3#

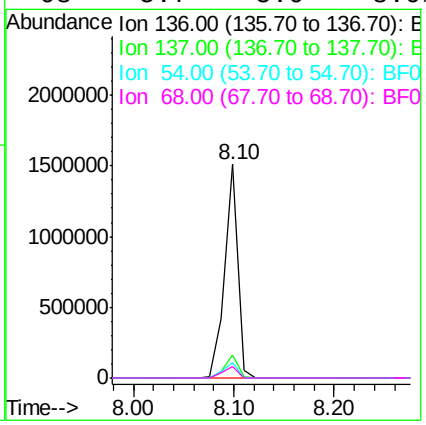


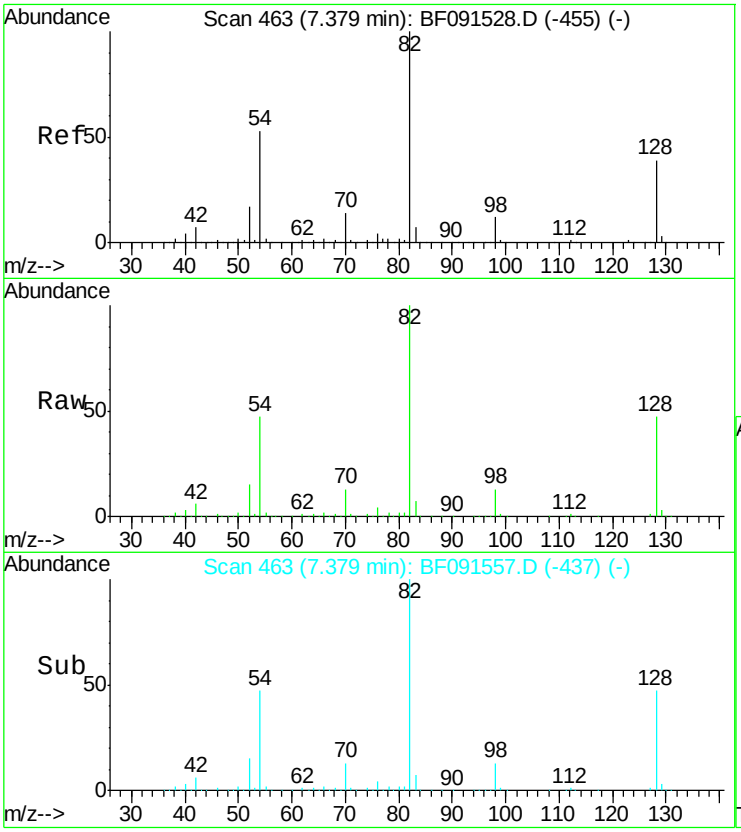


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion:136 Resp: 1366268

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.0	9.1	13.7#
68	5.7	5.9	8.9#



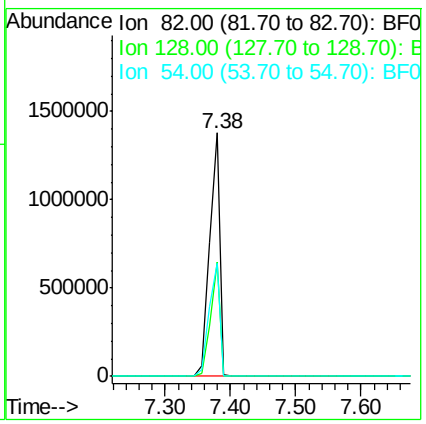


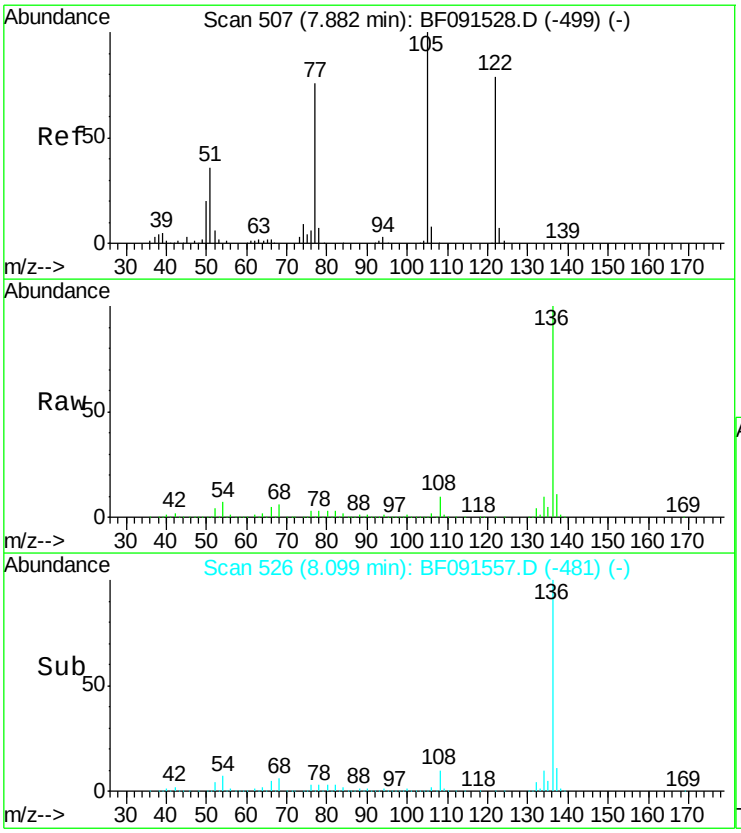
#23
Nitrobenzene-d5
Concen: 62.12 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.00 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tgt Ion: 82 Resp: 1520625

Ion	Ratio	Lower	Upper
82	100		
128	47.0	31.8	47.6
54	46.7	49.1	73.7#

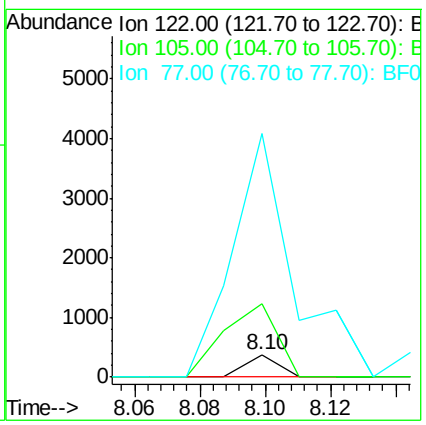


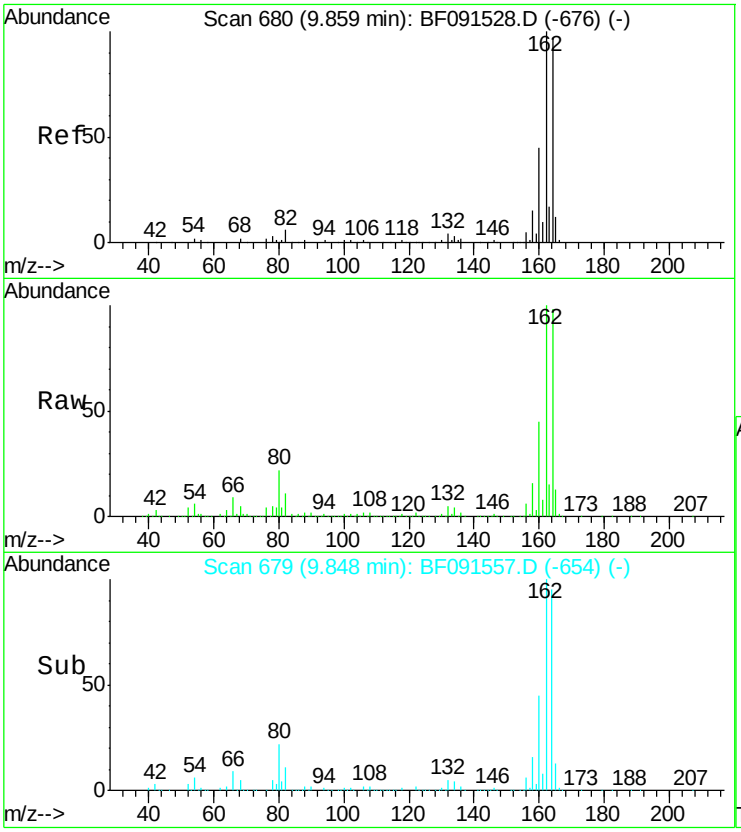


#32
Benzoic acid
Concen: 4.91 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.22 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion:122 Resp: 259

Ion	Ratio	Lower	Upper
122	100		
105	323.0	113.0	153.0#
77	1080.2	82.0	122.0#



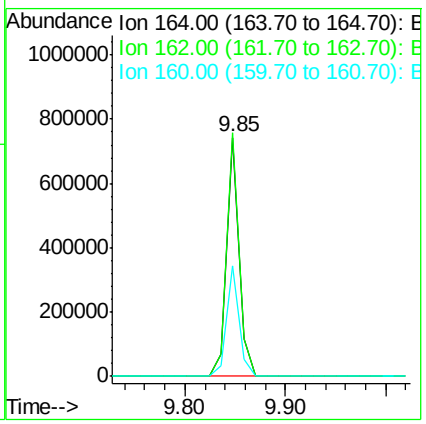


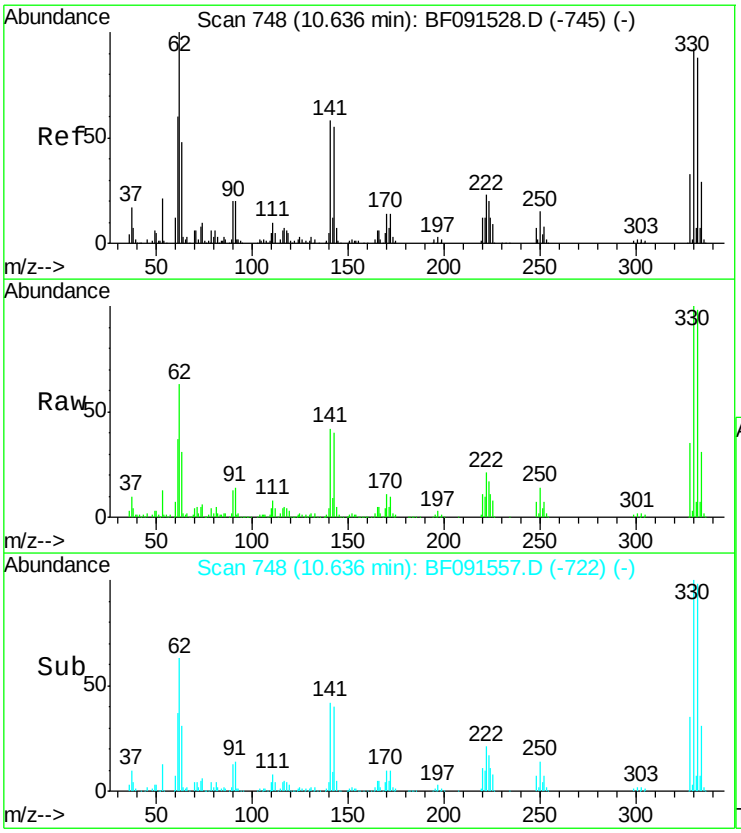
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tgt Ion:164 Resp: 641362

Ion	Ratio	Lower	Upper
164	100		
162	101.9	82.6	124.0
160	46.3	36.7	55.1

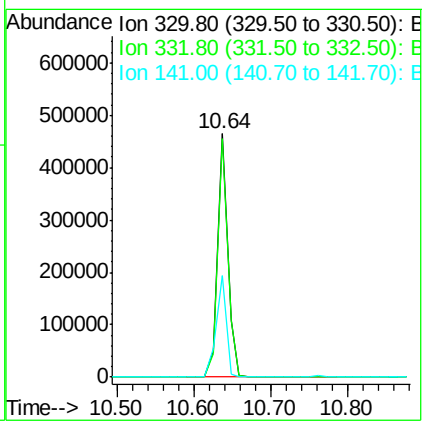


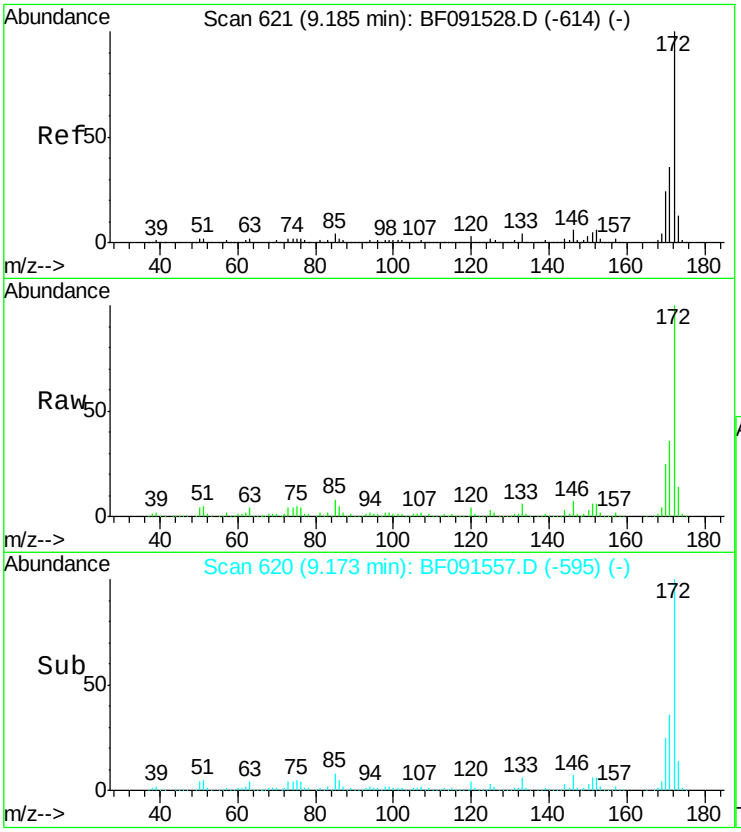


#41
2,4,6-Tribromophenol
Concen: 81.65 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion:330 Resp: 434966

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.4
141	40.8	33.6	50.4



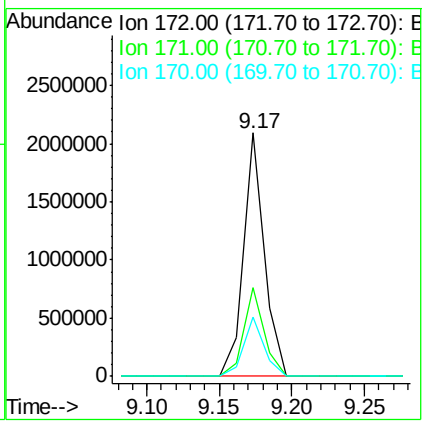


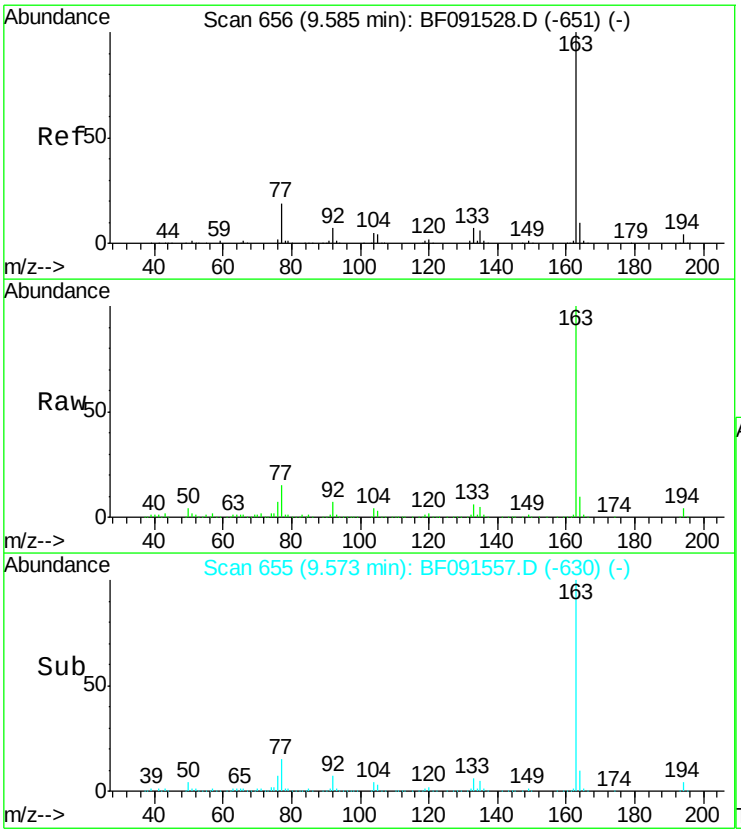
#44
2-Fluorobiphenyl
Concen: 55.91 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tgt Ion:172 Resp: 2075341

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	19.7	29.5

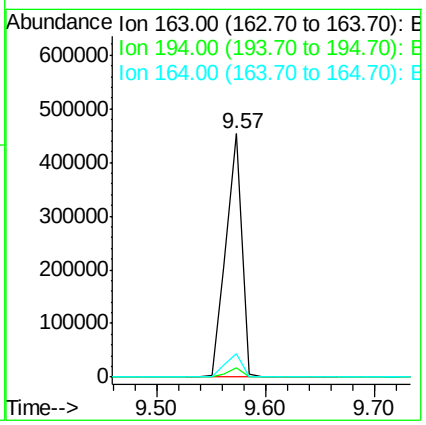


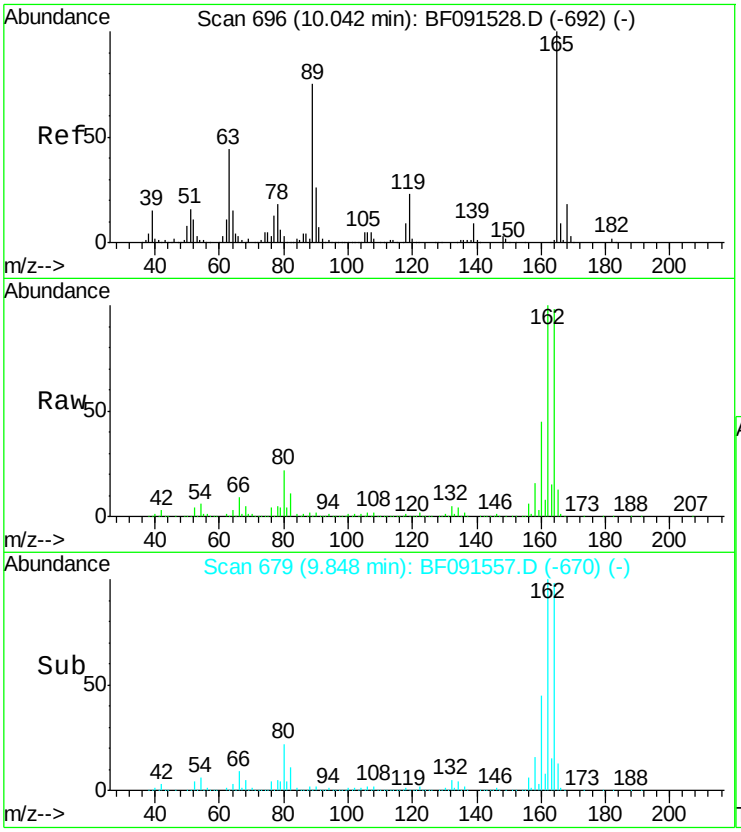


#49
Dimethylphthalate
Concen: 11.32 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion:163 Resp: 459903

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.0	4.4
164	9.5	7.8	11.8



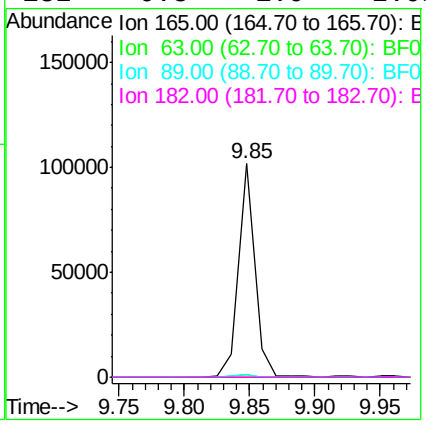


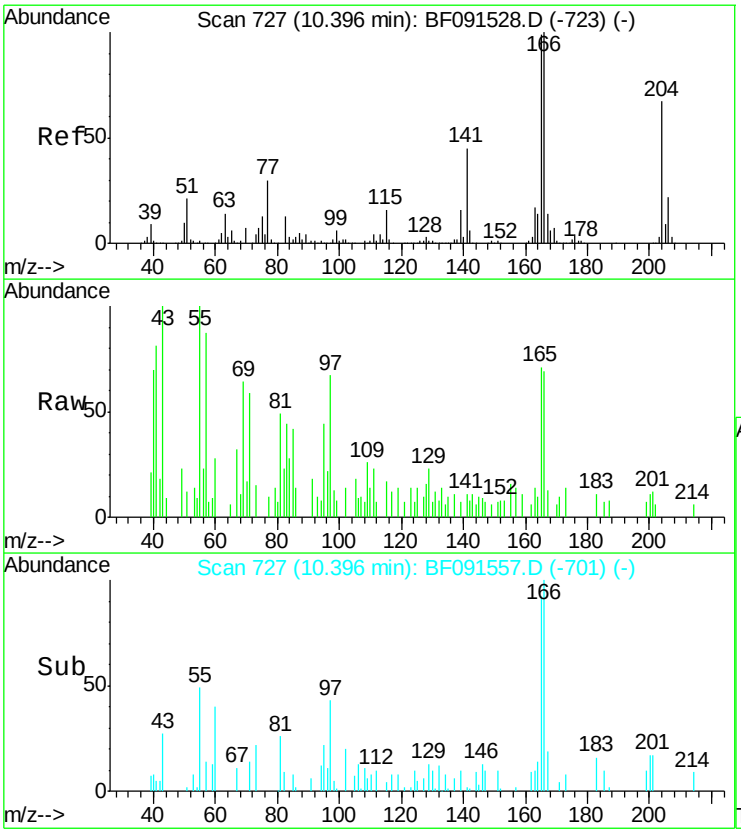
#56
2,4-Dinitrotoluene
Concen: 7.92 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.19 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tgt Ion:165 Resp: 88513

Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.0	43.4#
89	1.1	43.1	64.7#
182	0.3	1.9	2.9#

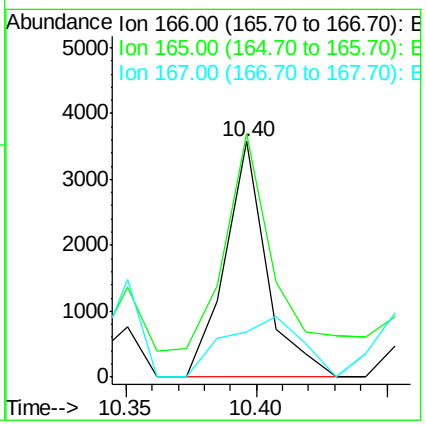


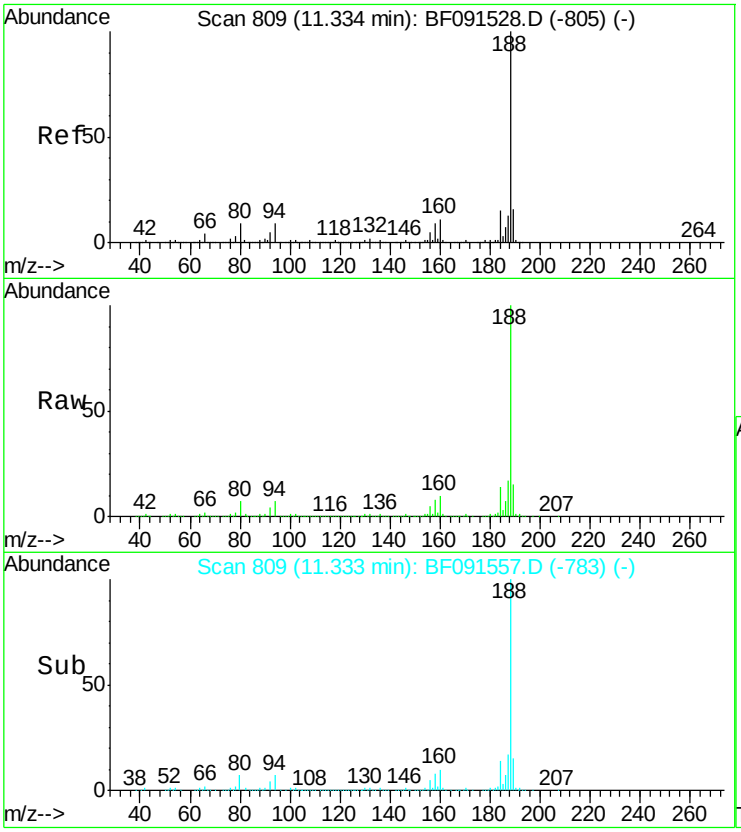


#57
Fluorene
Concen: Below Cal
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion:166 Resp: 3985

Ion	Ratio	Lower	Upper
166	100		
165	103.4	80.0	120.0
167	19.4	10.8	16.2#



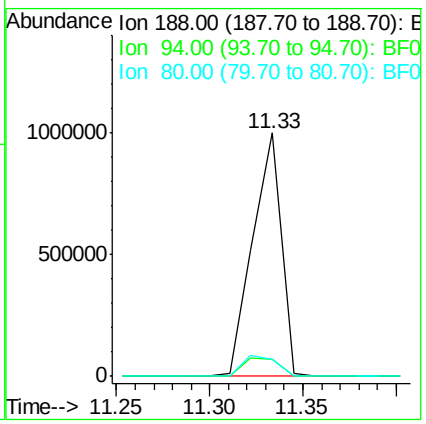


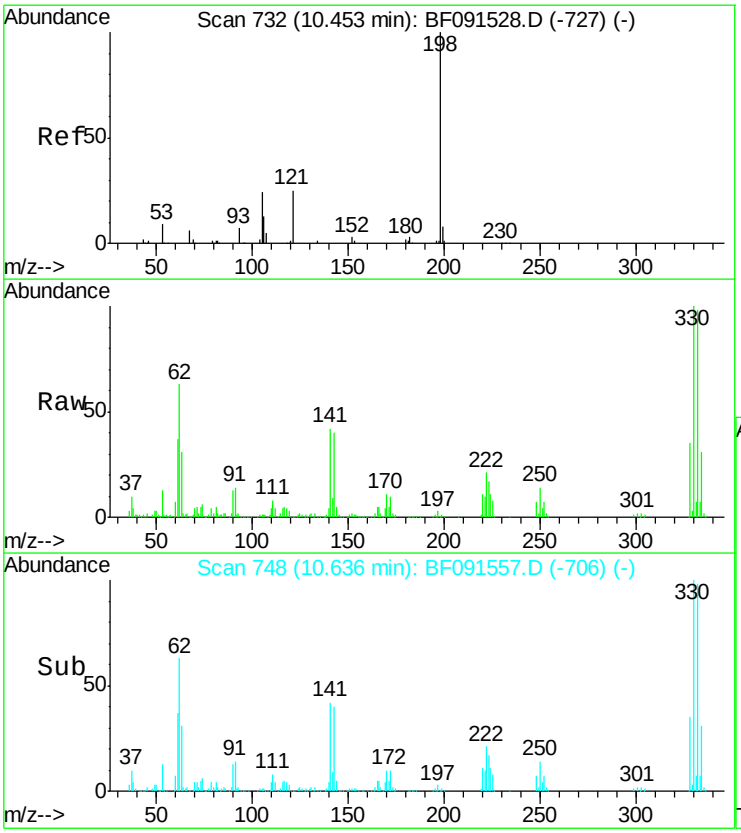
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tgt Ion:188 Resp: 1058541

Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.2	13.8#
80	7.3	10.5	15.7#

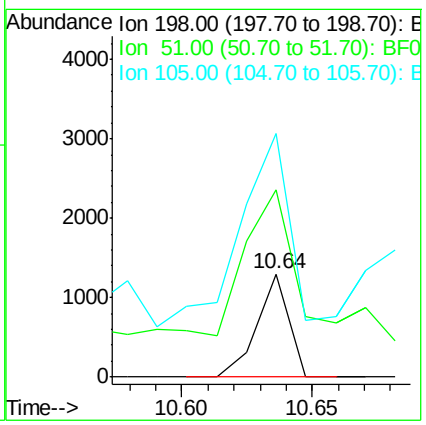


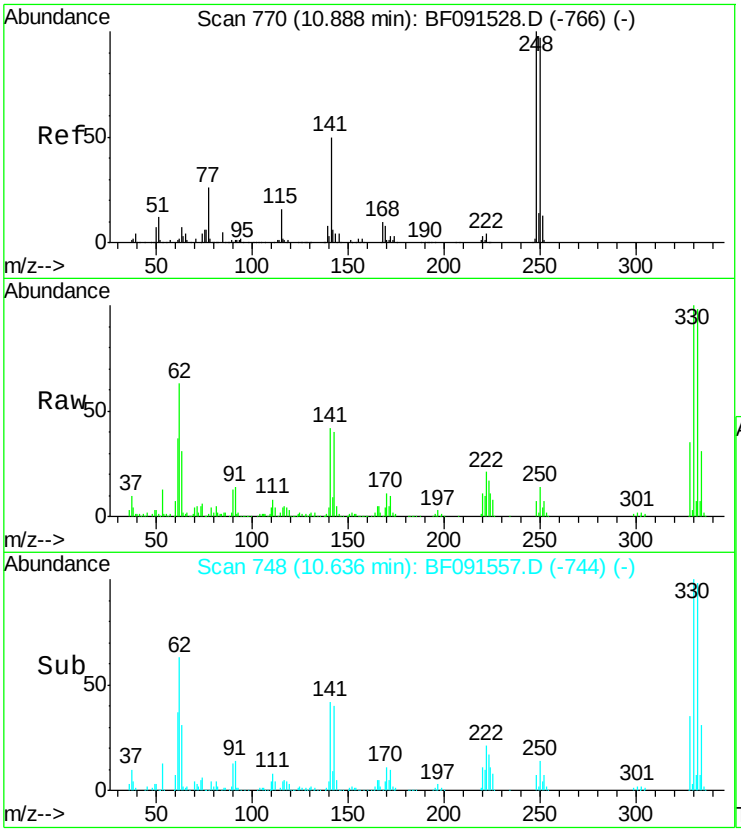


#64
4,6-Dinitro-2-methylphenol
Concen: 3.11 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.18 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion:198 Resp: 1101

Ion	Ratio	Lower	Upper
198	100		
51	181.6	77.1	117.1#
105	236.1	44.8	84.8#



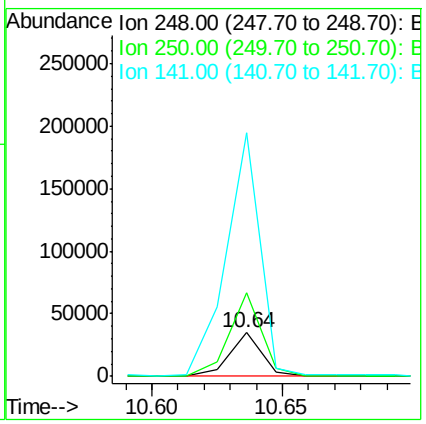


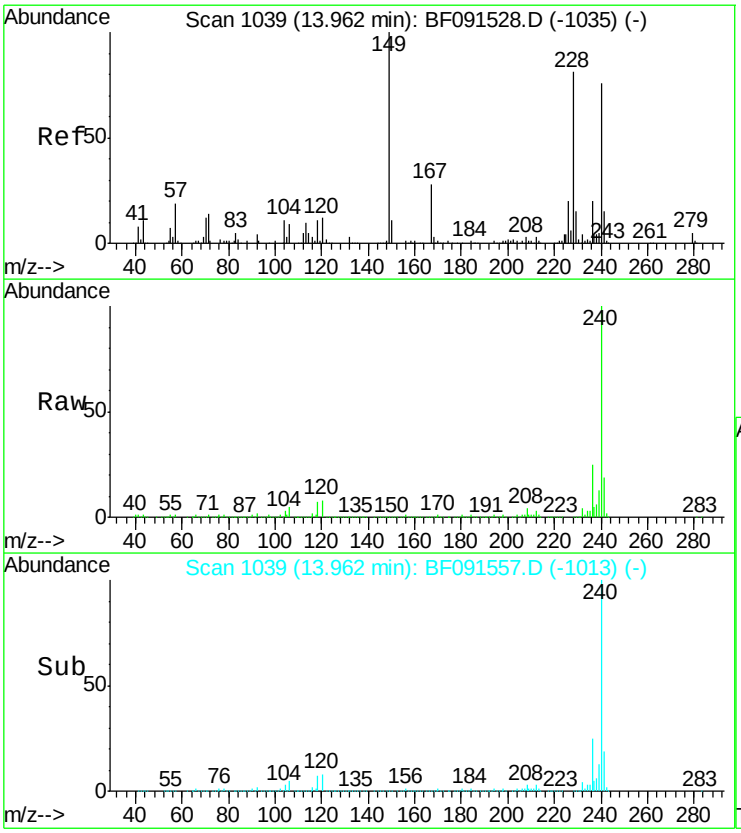
#66
4-Bromophenyl-phenylether
Concen: 2.74 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tgt Ion:248 Resp: 29721

Ion	Ratio	Lower	Upper
248	100		
250	193.6	78.2	117.4#
141	559.9	71.9	107.9#

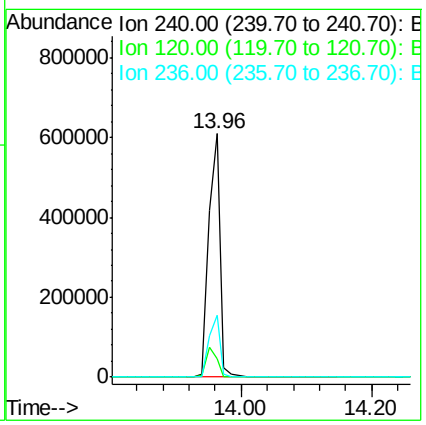


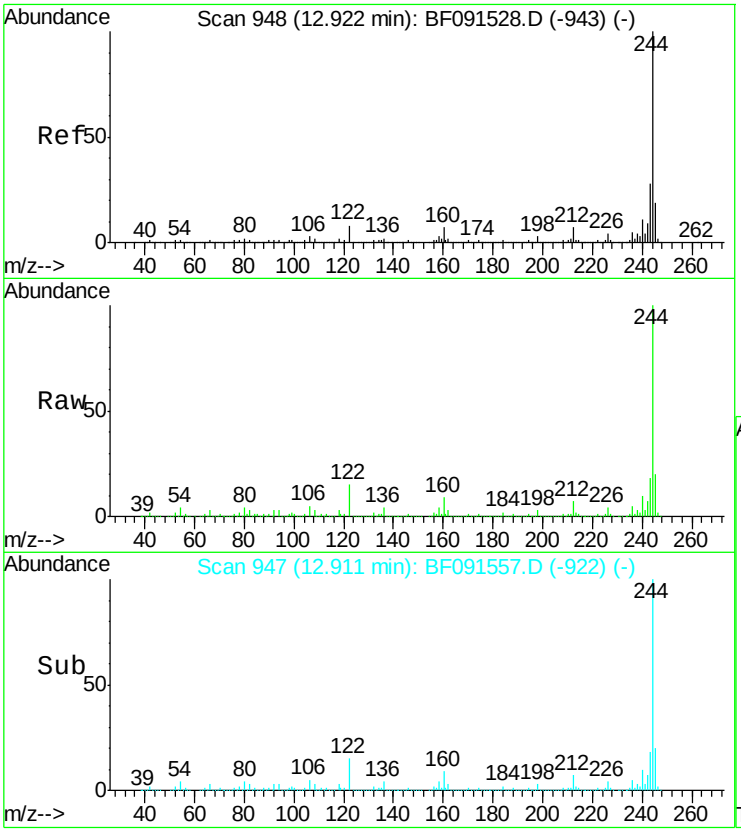


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion:240 Resp: 741680

Ion	Ratio	Lower	Upper
240	100		
120	7.8	12.1	18.1#
236	25.3	21.0	31.6



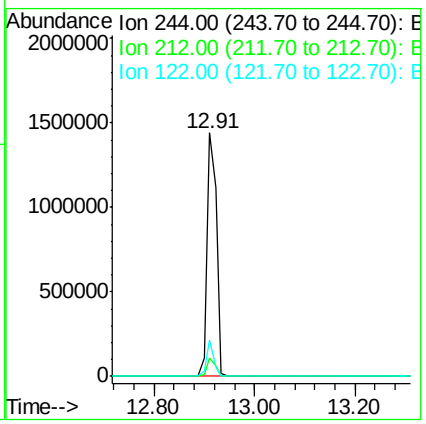


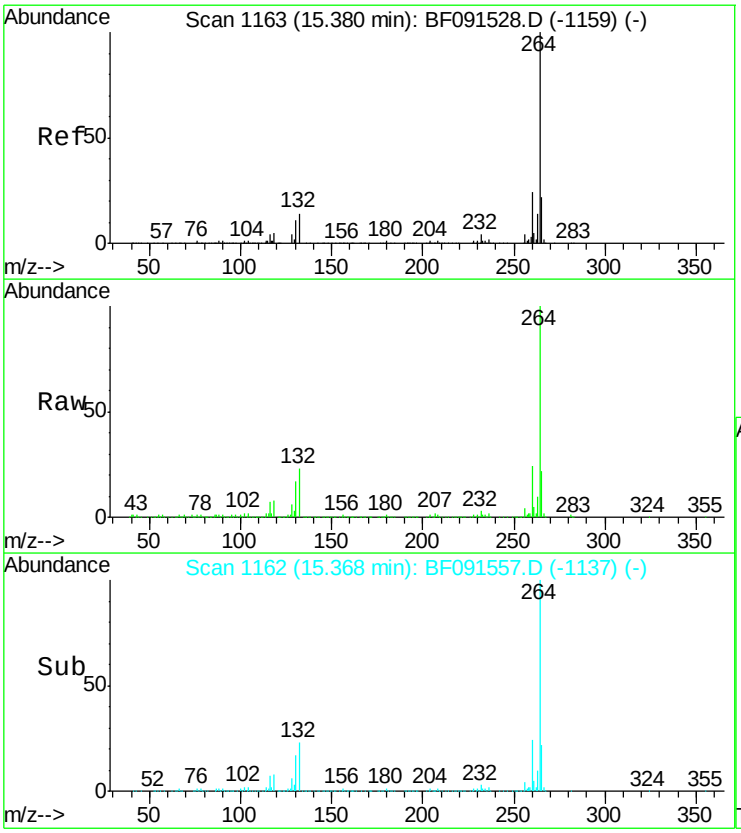
#78
Terphenyl-d14
Concen: 56.66 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Instrument :
BNA_F
ClientSampleId :
1M-AGG-HP-03

Tgt Ion:244 Resp: 1852014

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	15.1	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF091557.D
Acq: 13 Dec 2016 16:45

Tgt Ion:264 Resp: 638330

Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.8	28.2
265	22.3	17.0	25.6