Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091655.D
Acq On : 16 Dec 2016 5:11
Operator : UM/SJ
Sample : PB95362TB
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB95362TB

Quant Time: Dec 16 05:39:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	214240	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	920492	20.00	ng		-0.01
38) Acenaphthene-d10	9.82	164	442502	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	520166	20.00	ng		-0.01
75) Chrysene-d12	13.94	240	486934	20.00	ng		0.00
86) Perylene-d12	15.35	264	357083	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1705708	134.13	ng		0.01
7) Phenol-d6	6.43	99	1956667	123.42	ng		0.00
23) Nitrobenzene-d5	7.34	82	1456258	88.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	395140	107.51	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	2214594	86.48	ng		0.00
78) Terphenyl-d14	12.89	244	1511031	70.42	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	43053	3.95	ng		87
15) Benzyl Alcohol	6.94	79	25107	2.01	ng	#	29
19) n-Nitroso-di-n-propylamine	7.34	70	189540	19.12	ng	#	66
20) 3+4-Methylphenols	6.94	107	318	Below Cal		#	1
25) Isophorone	7.34	82	1254725	42.80	ng	#	67
50) 2,6-Dinitrotoluene	9.82	165	57283	9.31	ng	#	16
56) 2,4-Dinitrotoluene	9.82	165	57283	7.43	ng	#	33
57) Fluorene	10.61	166	20405	Below Cal		#	90
64) 4,6-Dinitro-2-methylphenol	10.61	198	987	3.24	ng	#	63
66) 4-Bromophenyl-phenylether	10.61	248	27810	5.21	ng	#	1

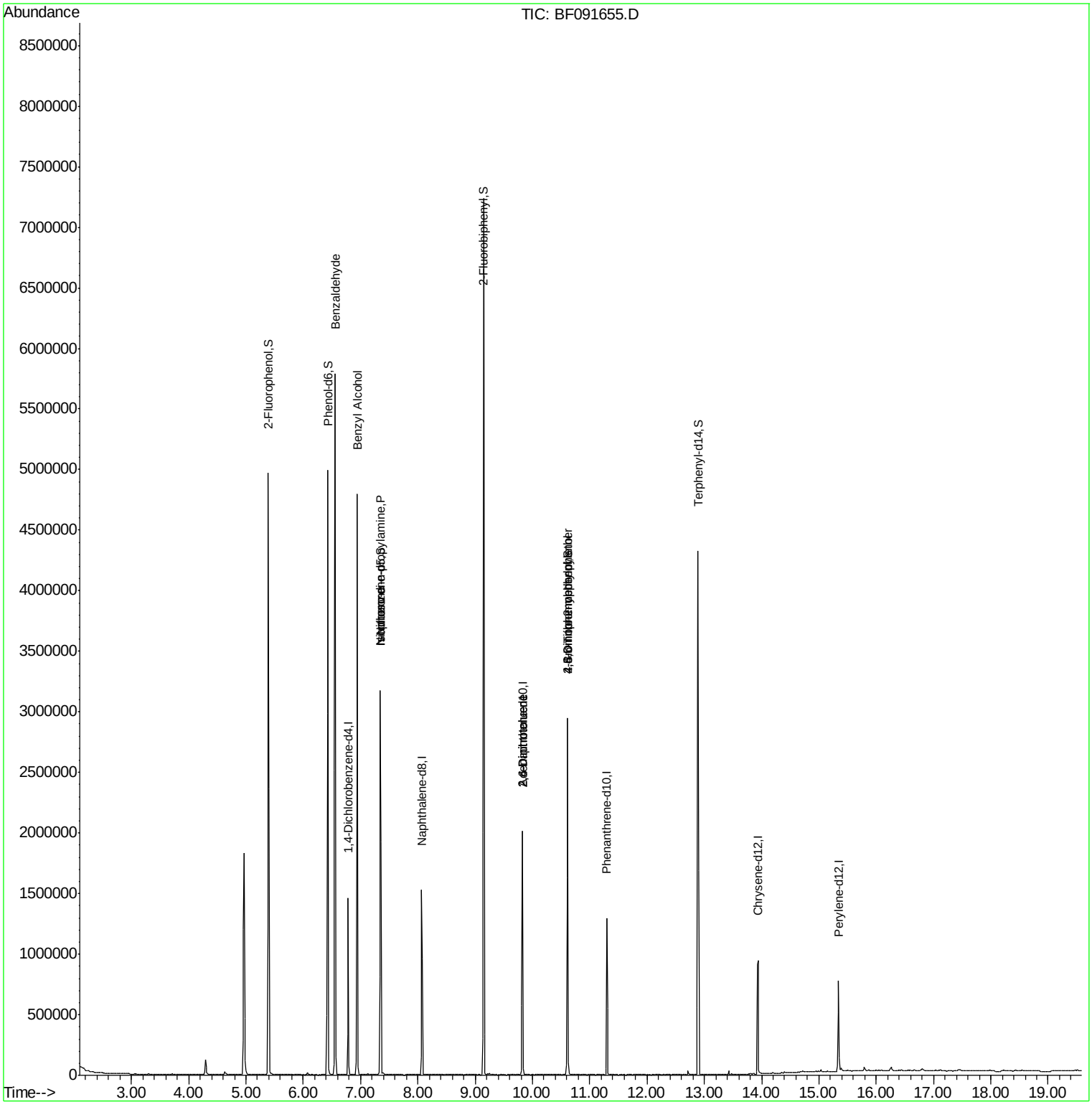
(#) = qualifier out of range (m) = manual integration (+) = signals summed

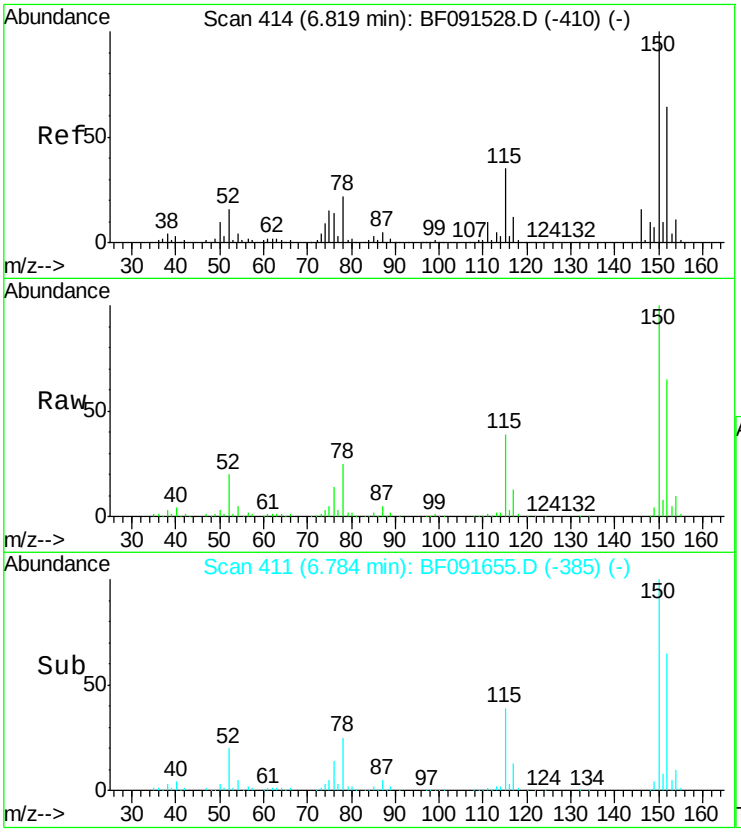
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091655.D
Acq On : 16 Dec 2016 5:11
Operator : UM/SJ
Sample : PB95362TB
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Quant Time: Dec 16 05:39:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration



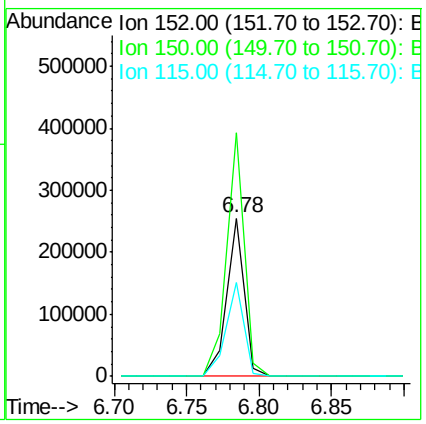


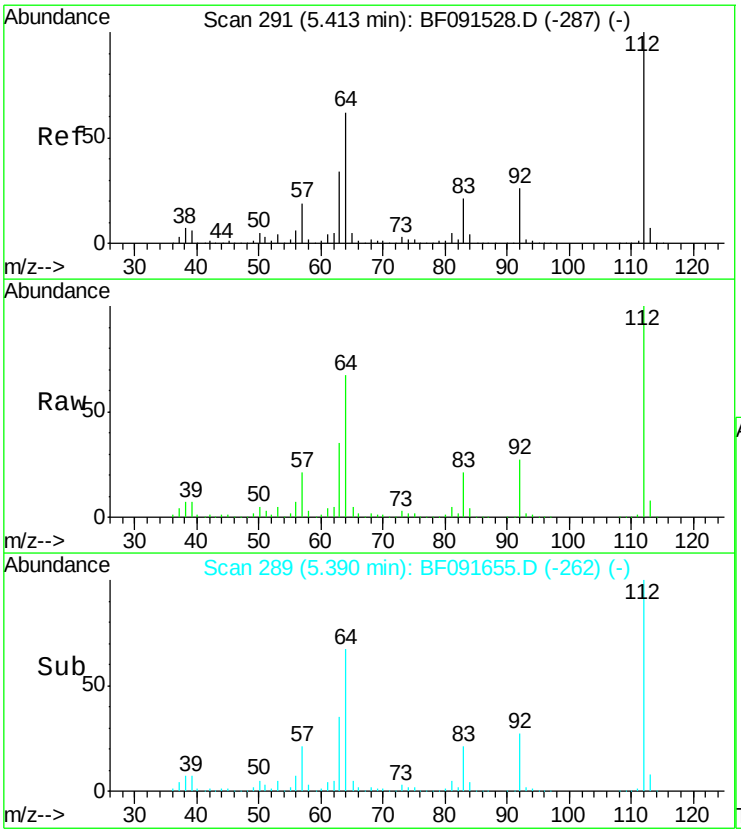
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. 0.00 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Tgt Ion:152 Resp: 214240

Ion	Ratio	Lower	Upper
152	100		
150	153.7	122.5	183.7
115	59.6	51.8	77.8

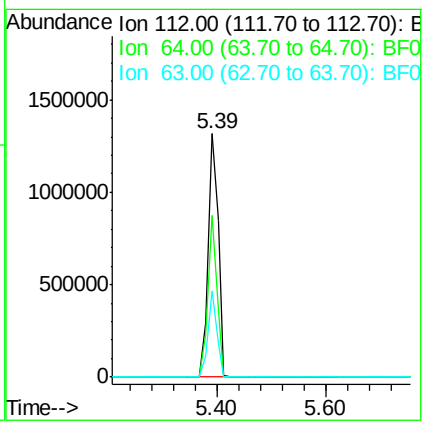


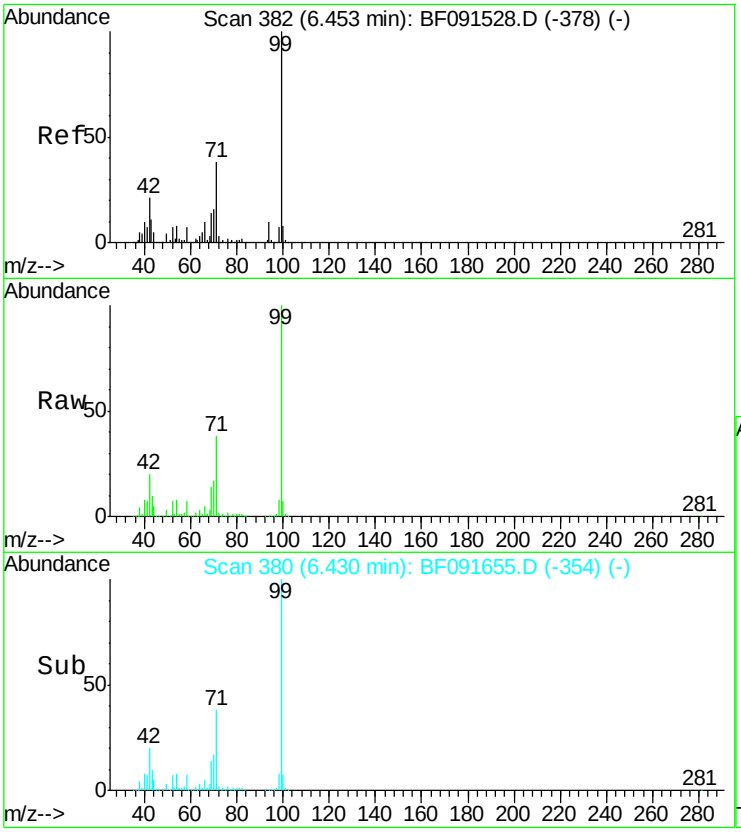


#5
2-Fluorophenol
Concen: 134.13 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Tgt Ion:112 Resp: 1705708

Ion	Ratio	Lower	Upper
112	100		
64	66.6	61.5	92.3
63	35.3	33.3	49.9



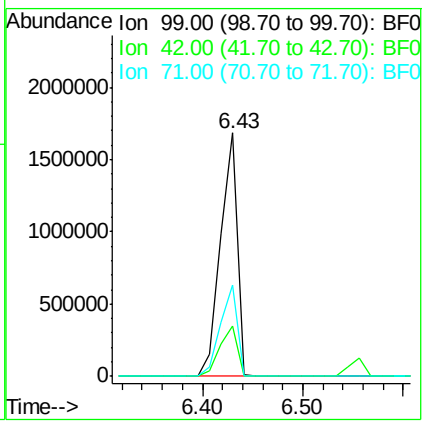


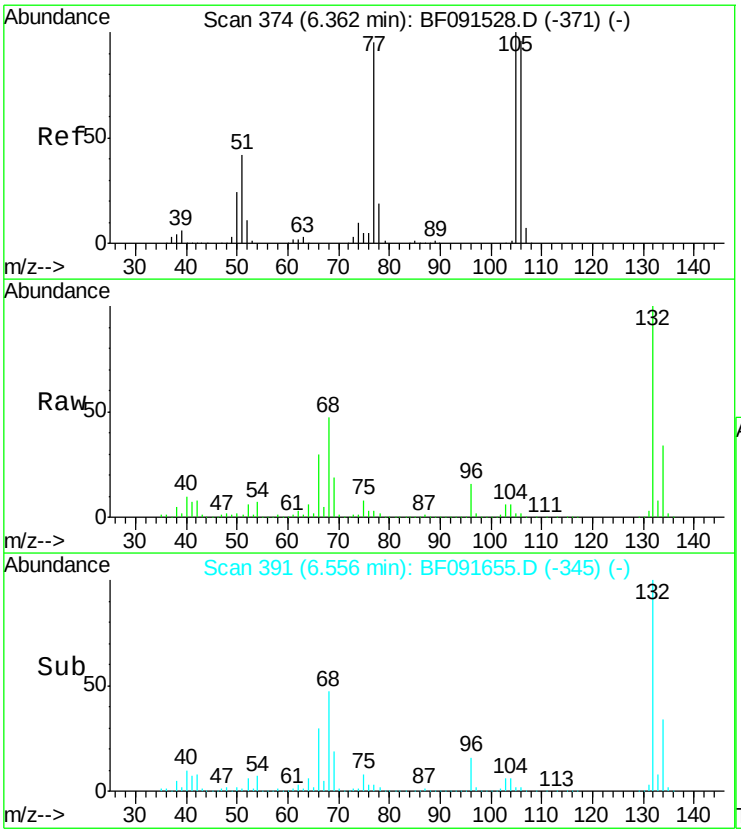
#7
Phenol-d6
Concen: 123.42 ng
RT: 6.43 min Scan# 380
Delta R.T. 0.00 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Tgt Ion: 99 Resp: 1956667

Ion	Ratio	Lower	Upper
99	100		
42	20.5	20.6	31.0#
71	37.5	29.9	44.9

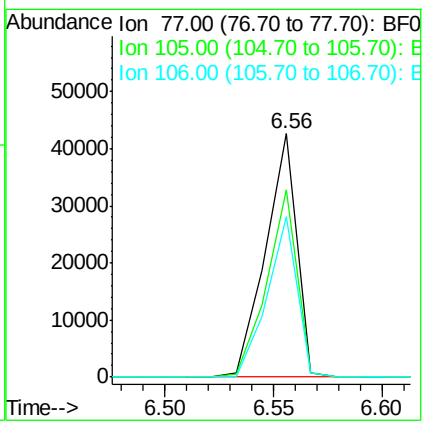


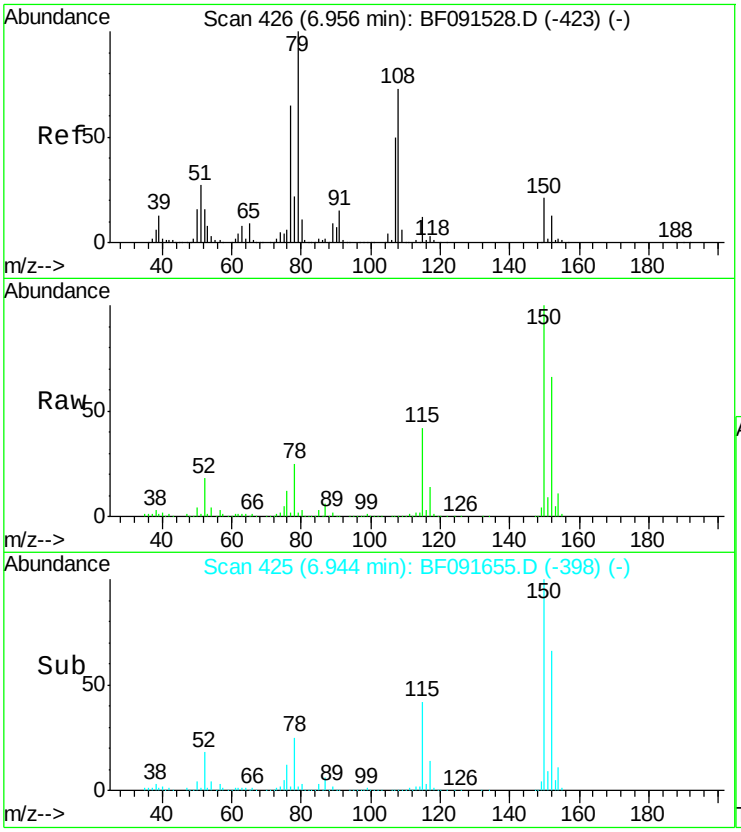


#9
Benzaldehyde
Concen: 3.95 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.23 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Tgt Ion: 77 Resp: 43053

Ion	Ratio	Lower	Upper
77	100		
105	76.8	66.4	106.4
106	66.0	60.9	100.9



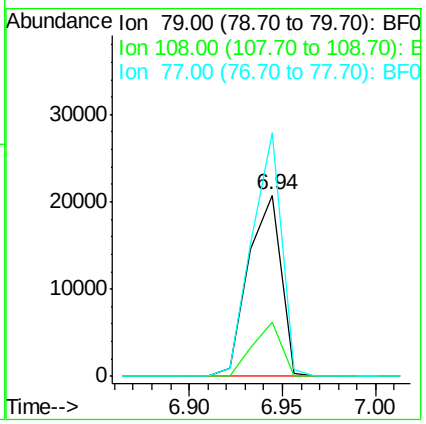


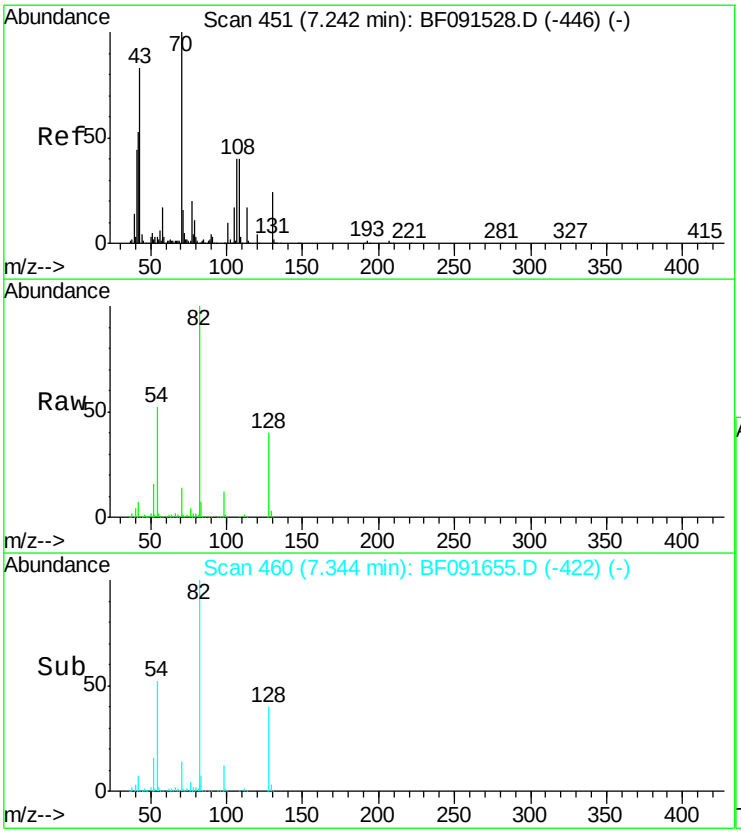
#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 6.94 min Scan# 425
Delta R.T. 0.01 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Tgt Ion: 79 Resp: 25107

Ion	Ratio	Lower	Upper
79	100		
108	30.0	62.7	94.1#
77	134.5	51.7	77.5#

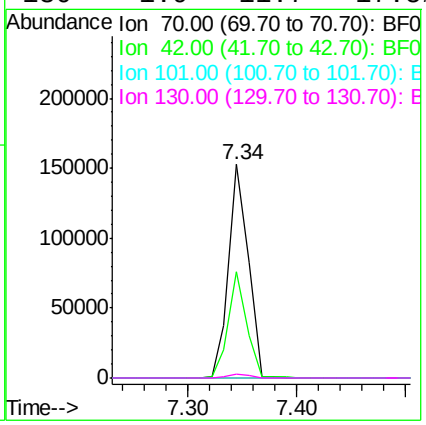


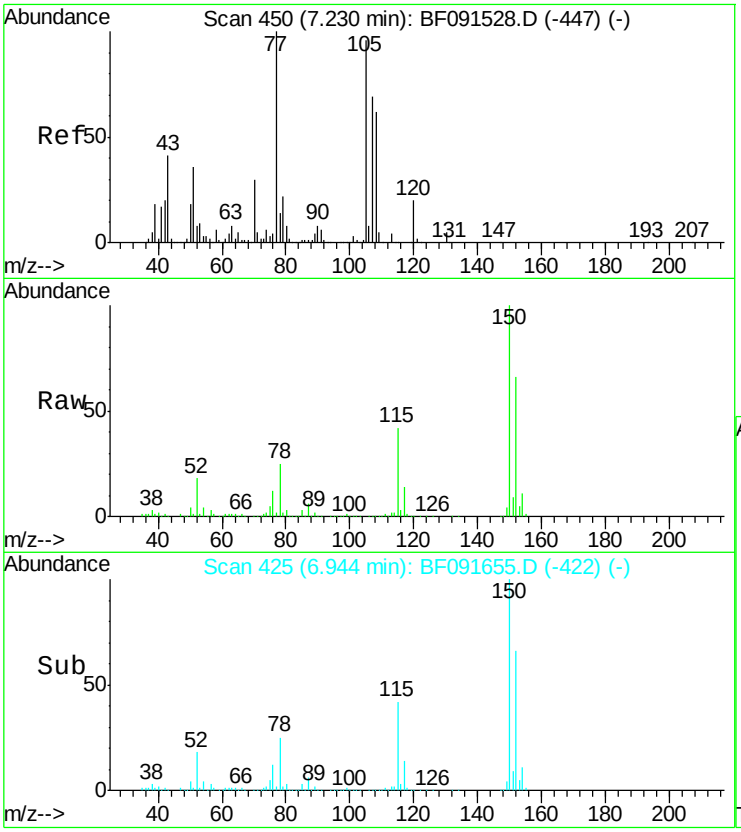


#19
n-Nitroso-di-n-propylamine
Concen: 19.12 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.14 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Tgt Ion: 70 Resp: 189540

Ion	Ratio	Lower	Upper
70	100		
42	49.6	64.8	97.2#
101	0.0	6.2	9.4#
130	1.9	11.7	17.5#



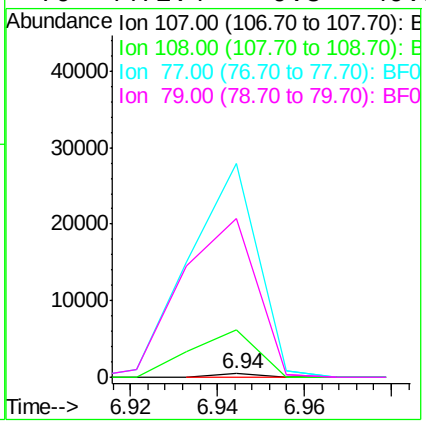


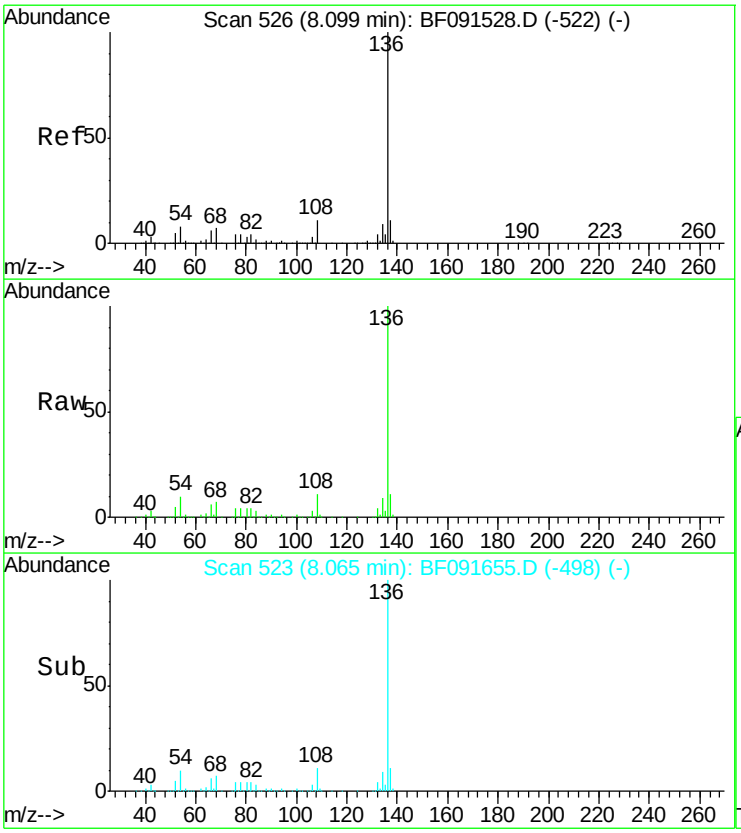
#20
3+4-Methylphenols
Concen: Below Cal
RT: 6.94 min Scan# 425
Delta R.T. -0.26 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Tgt Ion:107 Resp: 318

Ion	Ratio	Lower	Upper
107	100		
108	1342.0	64.6	104.6#
77	6013.8	30.9	70.9#
79	4472.4	9.3	49.3#

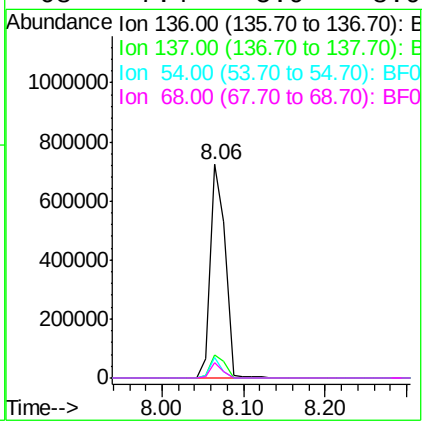


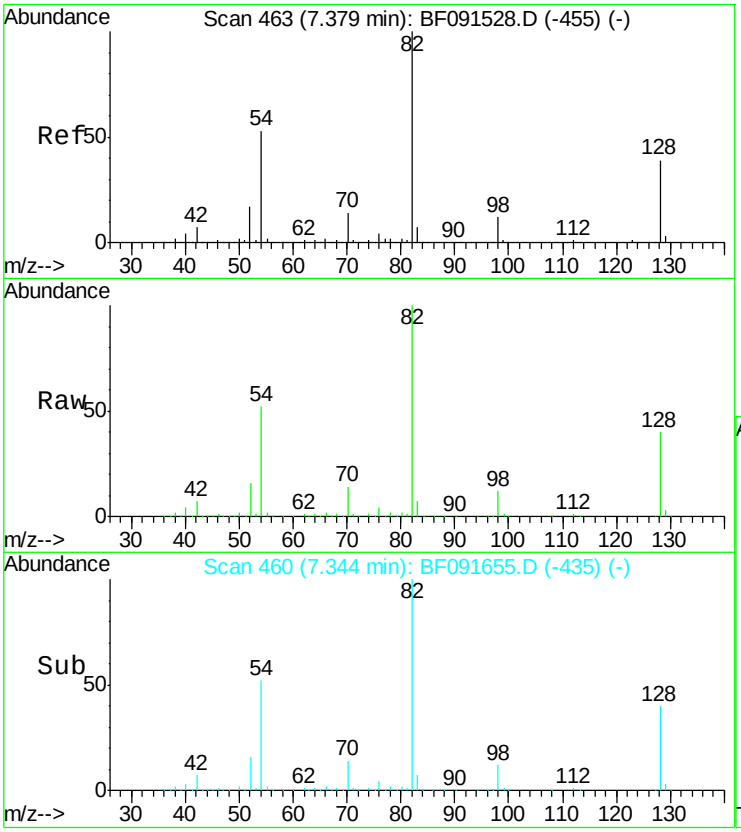


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Tgt Ion:136 Resp: 920492

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	9.9	9.1	13.7
68	7.4	5.9	8.9



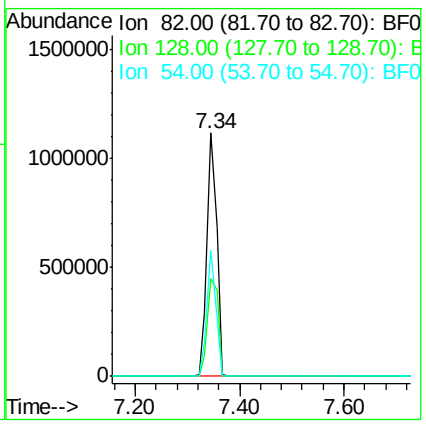


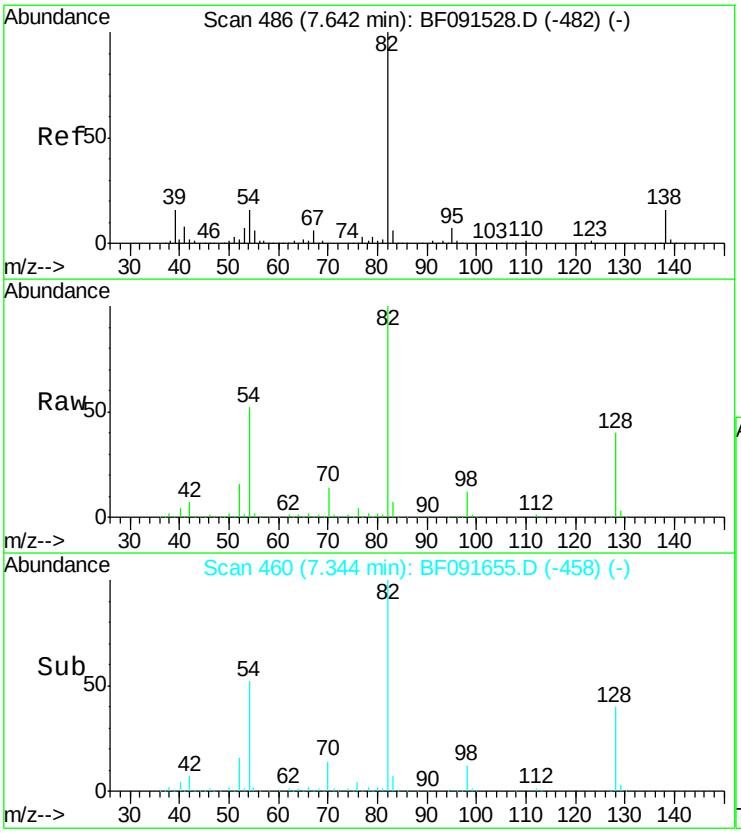
#23
Nitrobenzene-d5
Concen: 88.30 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Tgt Ion: 82 Resp: 1456258

Ion	Ratio	Lower	Upper
82	100		
128	39.9	31.8	47.6
54	51.8	49.1	73.7

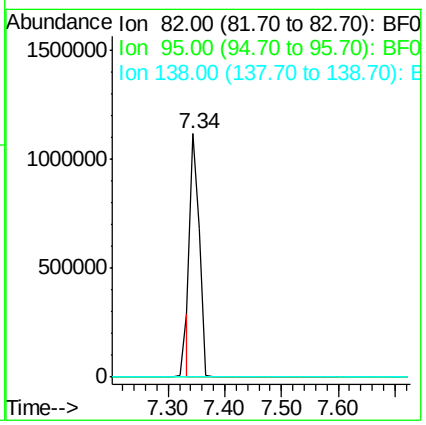


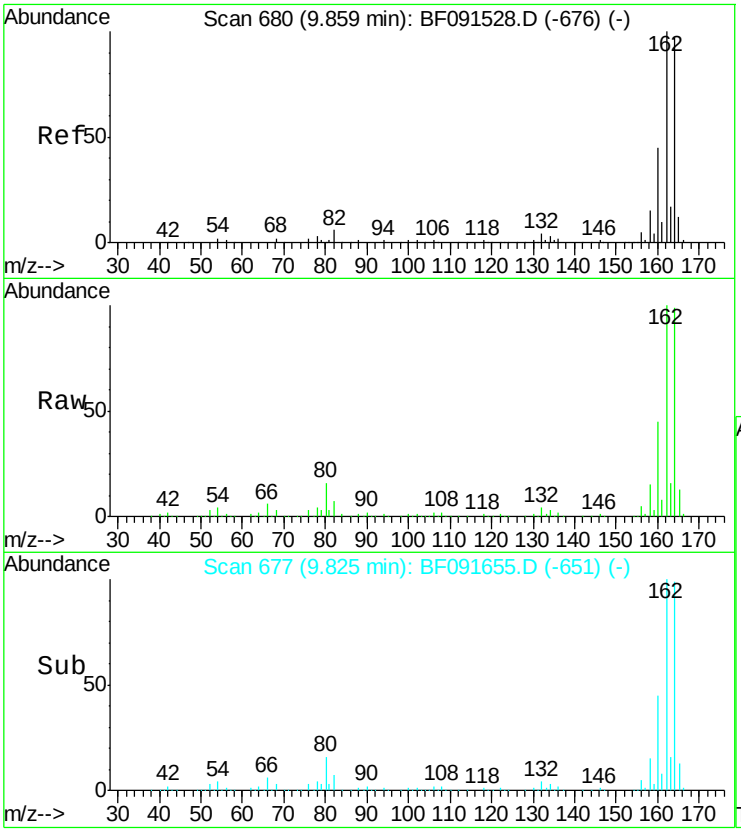


#25
Isophorone
Concen: 42.80 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.27 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Tgt Ion: 82 Resp: 1254725

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



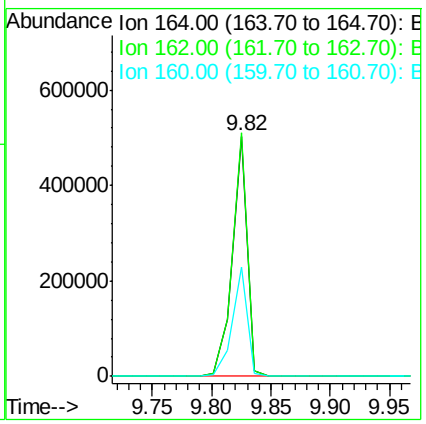


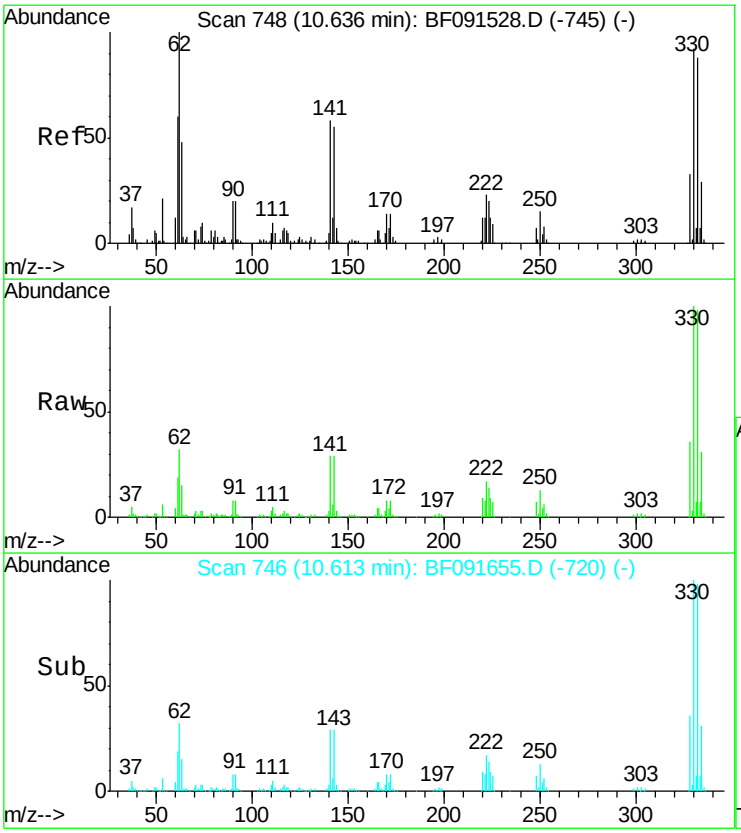
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Tgt Ion:164 Resp: 442502

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.6	124.0
160	45.6	36.7	55.1

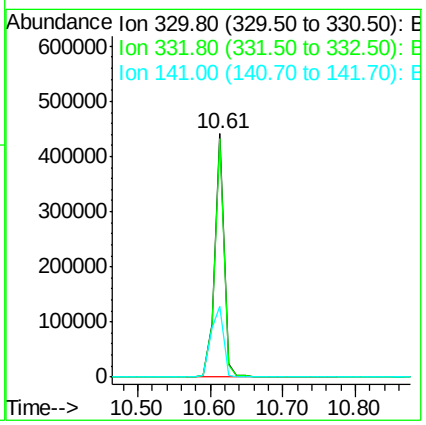


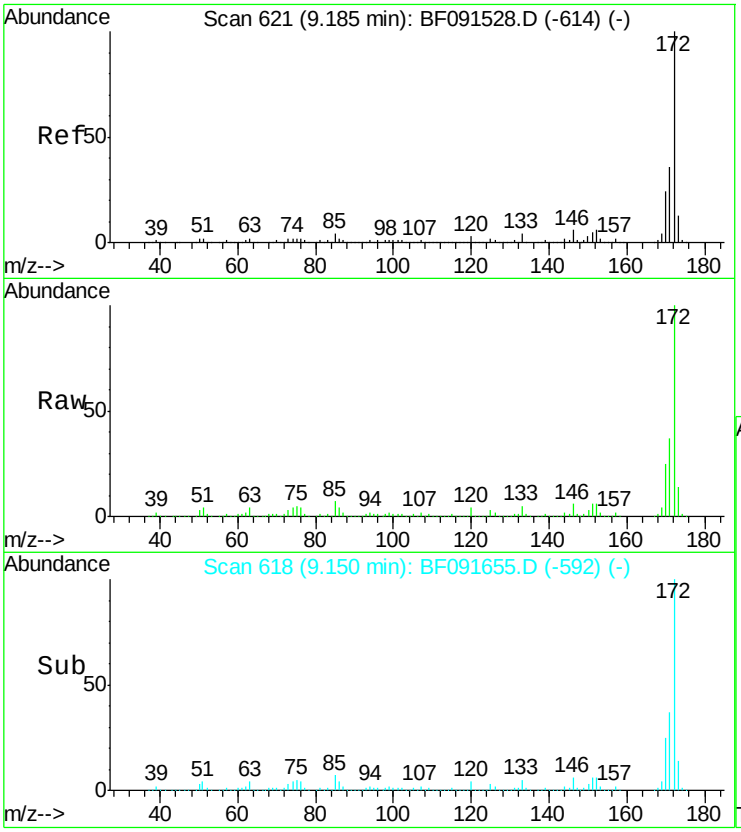


#41
2,4,6-Tribromophenol
Concen: 107.51 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Tgt Ion:330 Resp: 395140

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.2	114.4
141	39.3	33.6	50.4



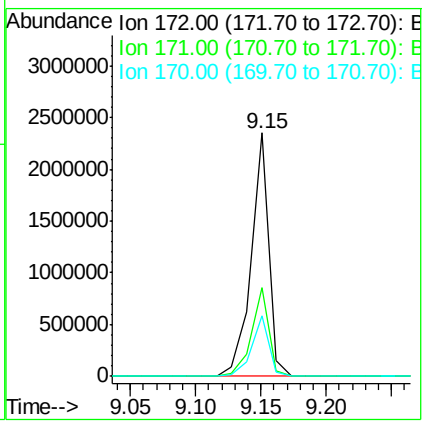


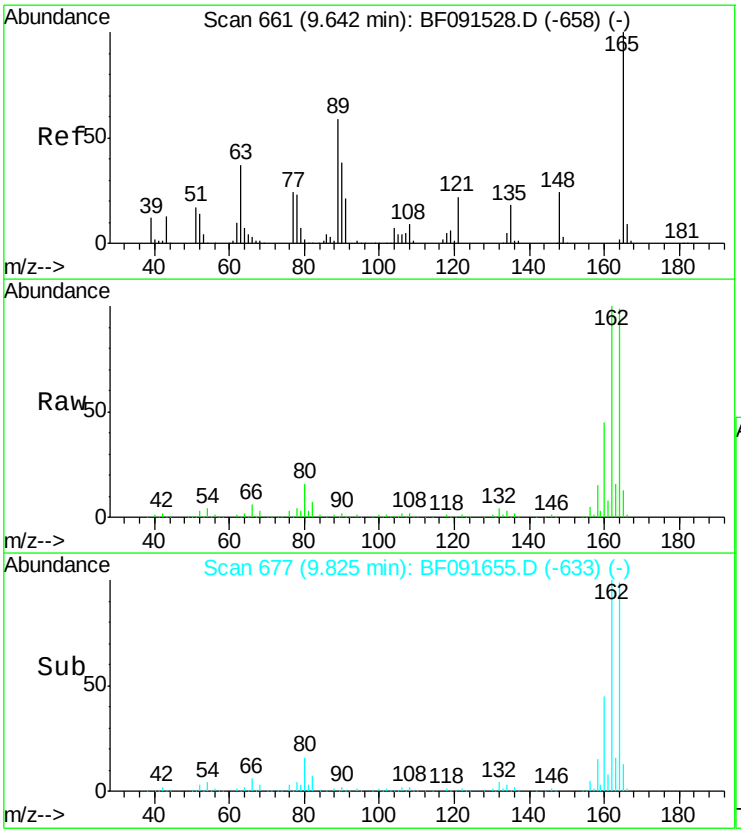
#44
2-Fluorobiphenyl
Concen: 86.48 ng
RT: 9.15 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Tgt Ion:172 Resp: 2214594

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.9	19.7	29.5

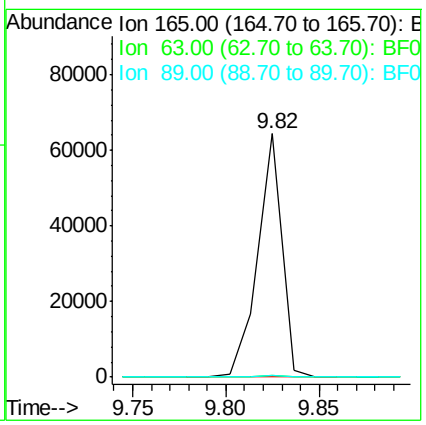


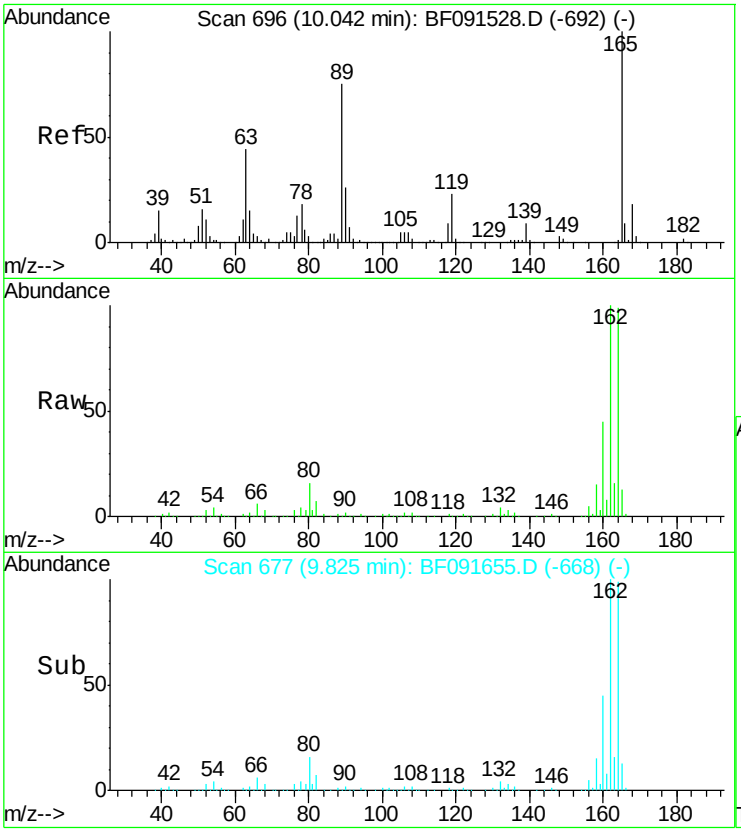


#50
2,6-Dinitrotoluene
Concen: 9.31 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Tgt Ion:165 Resp: 57283

Ion	Ratio	Lower	Upper
165	100		
63	0.8	59.4	89.0#
89	0.8	50.8	76.2#



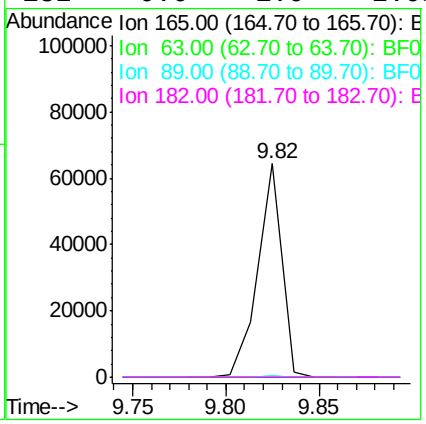


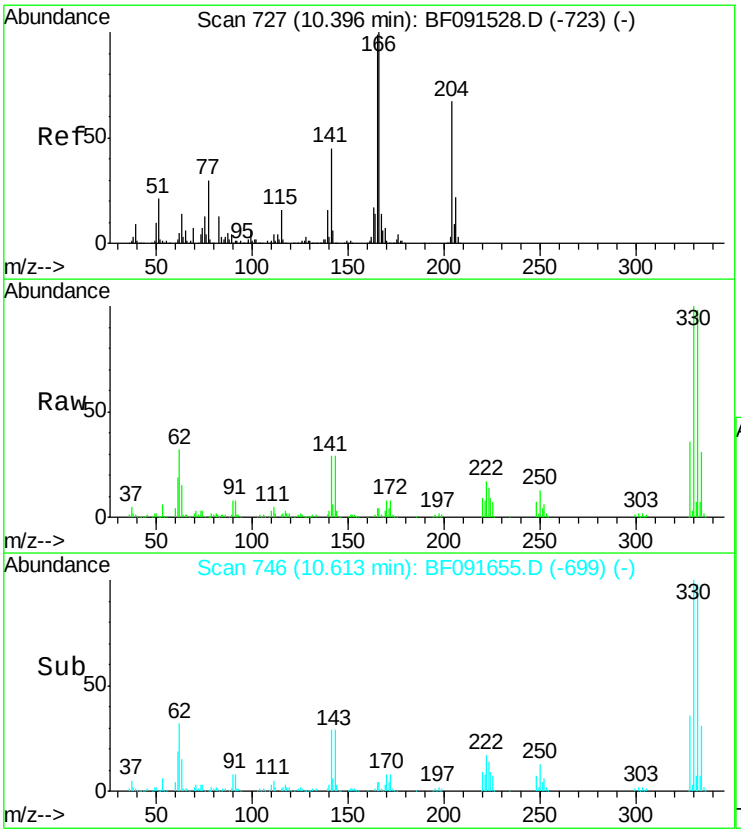
#56
2,4-Dinitrotoluene
Concen: 7.43 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.19 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Tgt Ion:165 Resp: 57283

Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.0	43.4#
89	0.8	43.1	64.7#
182	0.0	1.9	2.9#

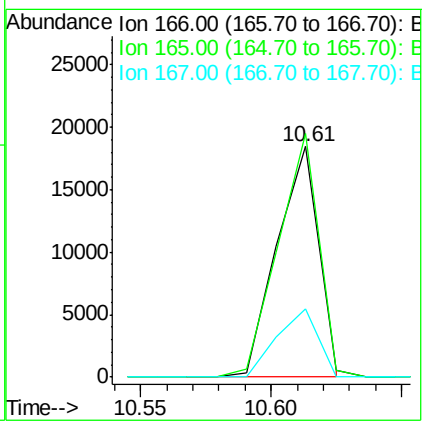


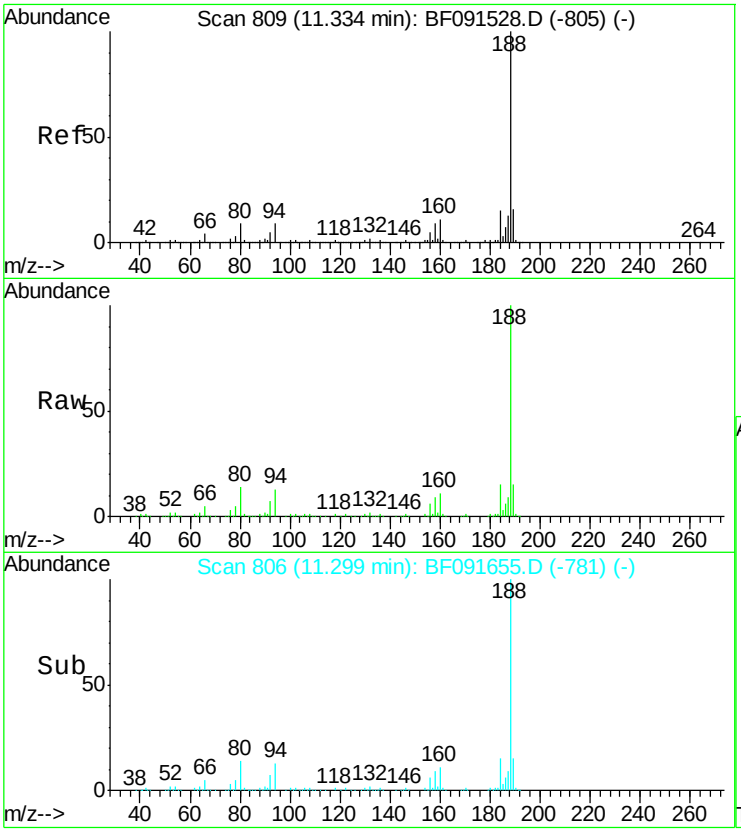


#57
Fluorene
Concen: Below Cal
RT: 10.61 min Scan# 746
Delta R.T. 0.24 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Tgt Ion:166 Resp: 20405

Ion	Ratio	Lower	Upper
166	100		
165	105.6	80.0	120.0
167	29.5	10.8	16.2#



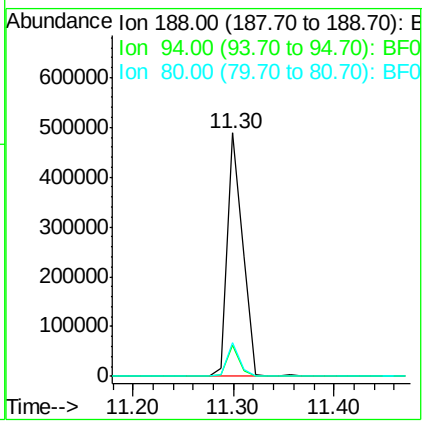


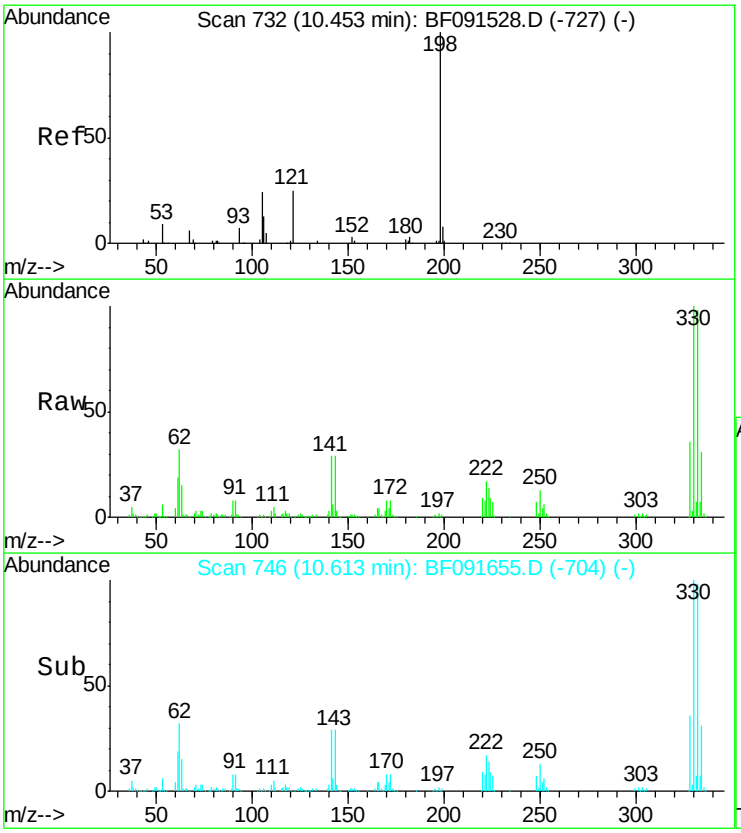
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Tgt Ion:188 Resp: 520166

Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.2	13.8
80	14.1	10.5	15.7

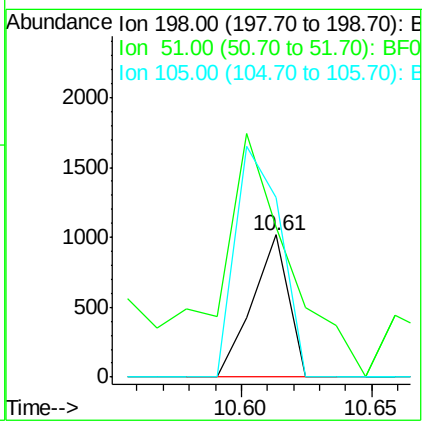


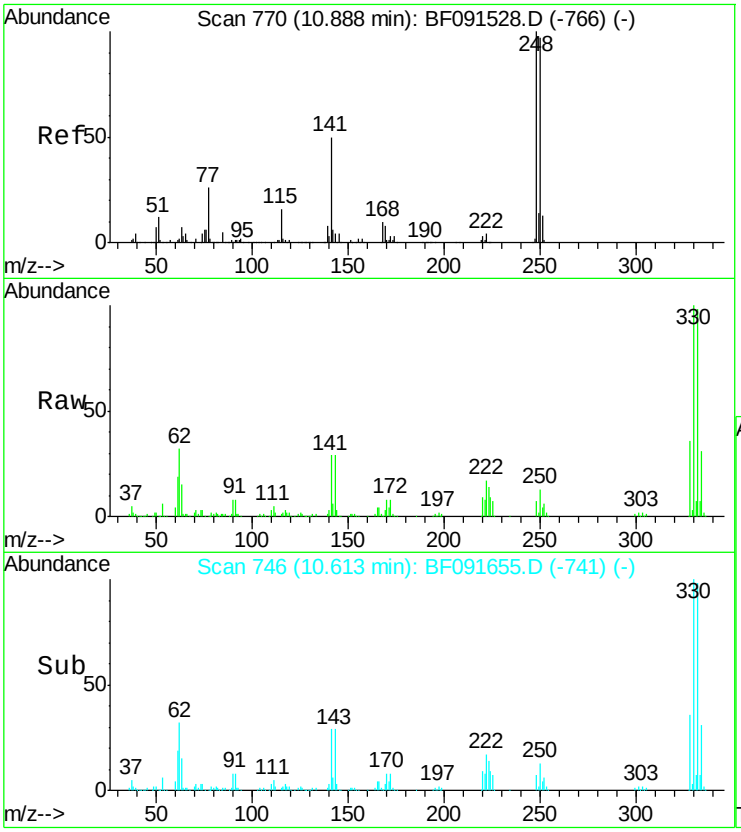


#64
4,6-Dinitro-2-methylphenol
Concen: 3.24 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.18 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Tgt Ion:198 Resp: 987

Ion	Ratio	Lower	Upper
198	100		
51	105.8	77.1	117.1
105	126.2	44.8	84.8#



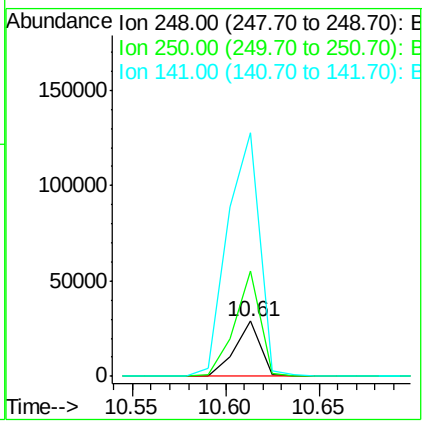


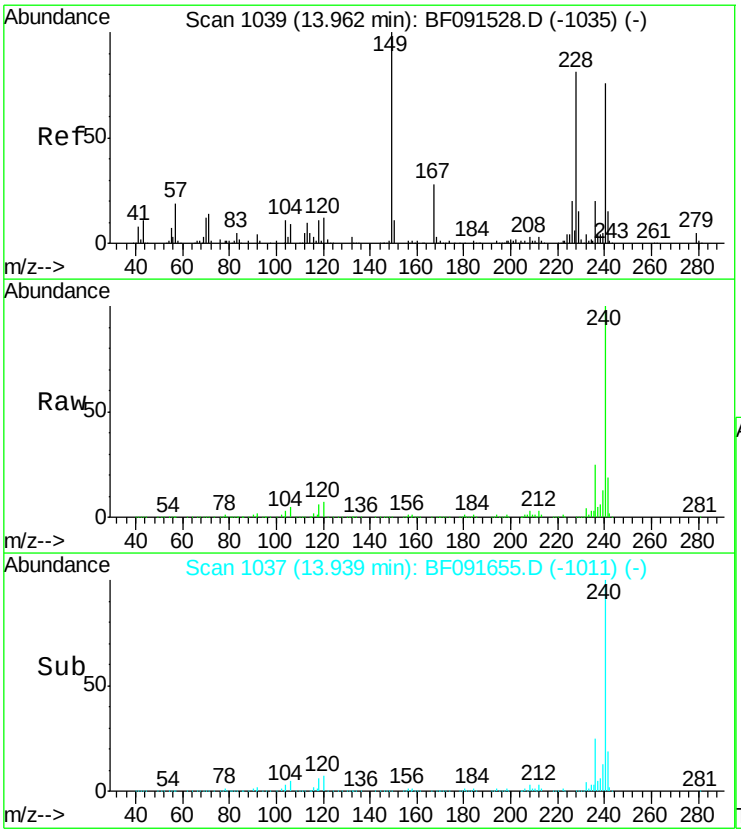
#66
4-Bromophenyl-phenylether
Concen: 5.21 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.24 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Tgt Ion:248 Resp: 27810

Ion	Ratio	Lower	Upper
248	100		
250	191.9	78.2	117.4#
141	443.6	71.9	107.9#

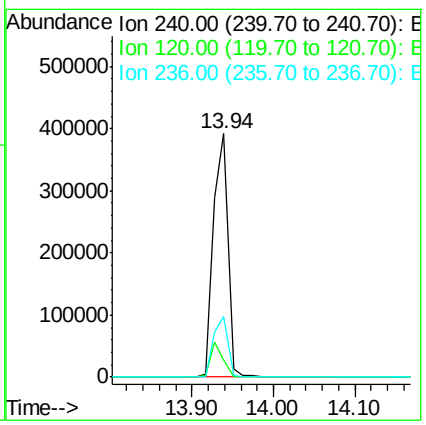


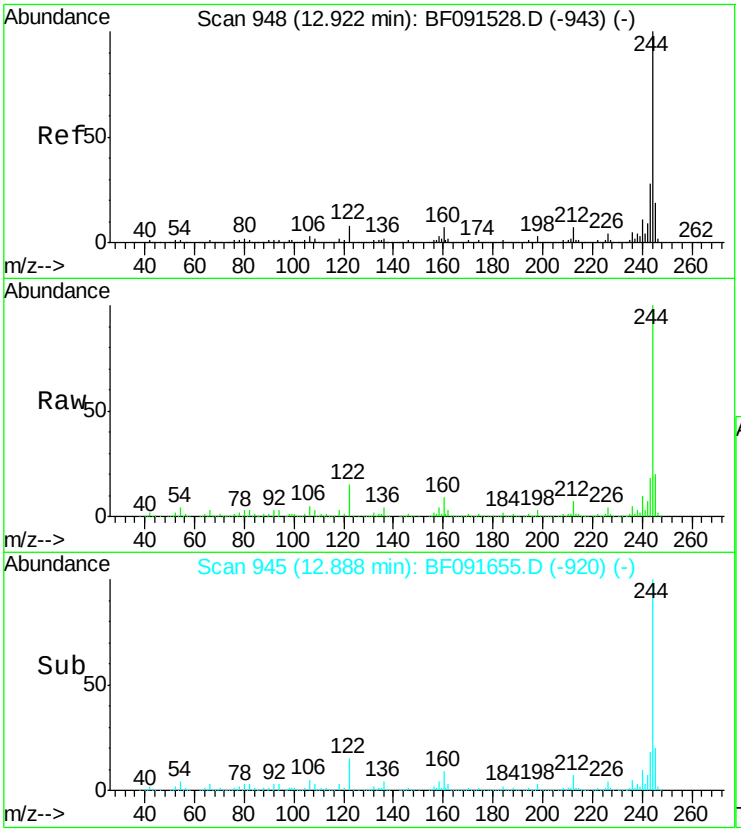


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Tgt Ion:240 Resp: 486934

Ion	Ratio	Lower	Upper
240	100		
120	7.2	12.1	18.1#
236	24.9	21.0	31.6



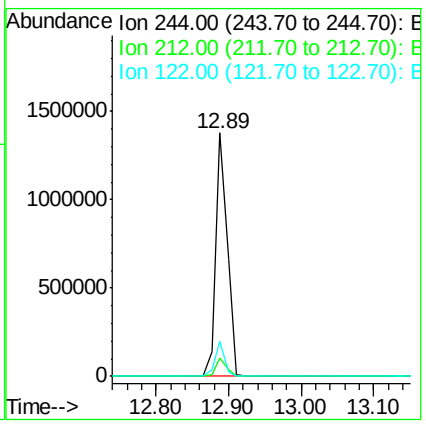


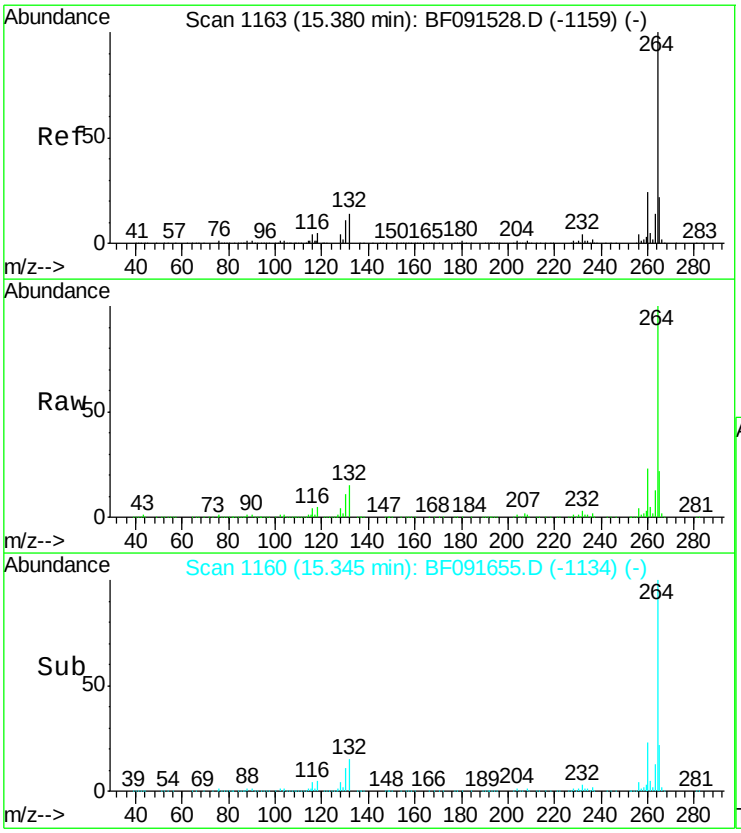
#78
Terphenyl-d14
Concen: 70.42 ng
RT: 12.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Instrument :
BNA_F
ClientSampleId :
PB95362TB

Tgt Ion:244 Resp: 1511031

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	14.5	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF091655.D
Acq: 16 Dec 2016 5:11

Tgt Ion:264 Resp: 357083

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.7	17.0	25.6