Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
Data File : BF091558.D
Acq On : 13 Dec 2016 17:13
Operator : UM/SJ
Sample : H5922-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC120716

Quant Time: Dec 14 00:20:25 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	285540	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	1189915	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	522502	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	727323	20.00	ng		0.00
75) Chrysene-d12	13.96	240	525543	20.00	ng		0.00
86) Perylene-d12	15.38	264	557348	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	455032	26.85	ng		0.00
7) Phenol-d6	6.44	99	554446	26.24	ng		-0.01
23) Nitrobenzene-d5	7.37	82	339035	15.90	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	93811	21.62	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	648836	21.46	ng		-0.01
78) Terphenyl-d14	12.91	244	380380	16.42	ng		-0.01
Target Compounds							Qvalue
32) Benzoic acid	8.10	122	268	4.92	ng	#	1
49) Dimethylphthalate	9.57	163	150174	4.54	ng		100
53) 2,4-Dinitrophenol	9.78	184	427	2.14	ng	#	4
56) 2,4-Dinitrotoluene	9.85	165	70073	7.70	ng	#	34
57) Fluorene	10.40	166	14815	Below Cal		#	93
64) 4,6-Dinitro-2-methylphenol	10.35	198	244	3.00	ng	#	1
70) Phenanthrene	11.36	178	110088	3.06	ng		96
71) Anthracene	11.36	178	110088	2.83	ng		96
74) Fluoranthene	12.55	202	135373	3.59	ng	#	47
77) Pyrene	12.76	202	155351	3.73	ng	#	72
80) Benzo(a)anthracene	13.95	228	80516	2.64	ng	#	88
82) Chrysene	13.95	228	80516	2.52	ng	#	91
87) Benzo(b)fluoranthene	14.97	252	106675	3.21	ng	#	72
88) Benzo(k)fluoranthene	14.97	252	106675	3.65	ng	#	72

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

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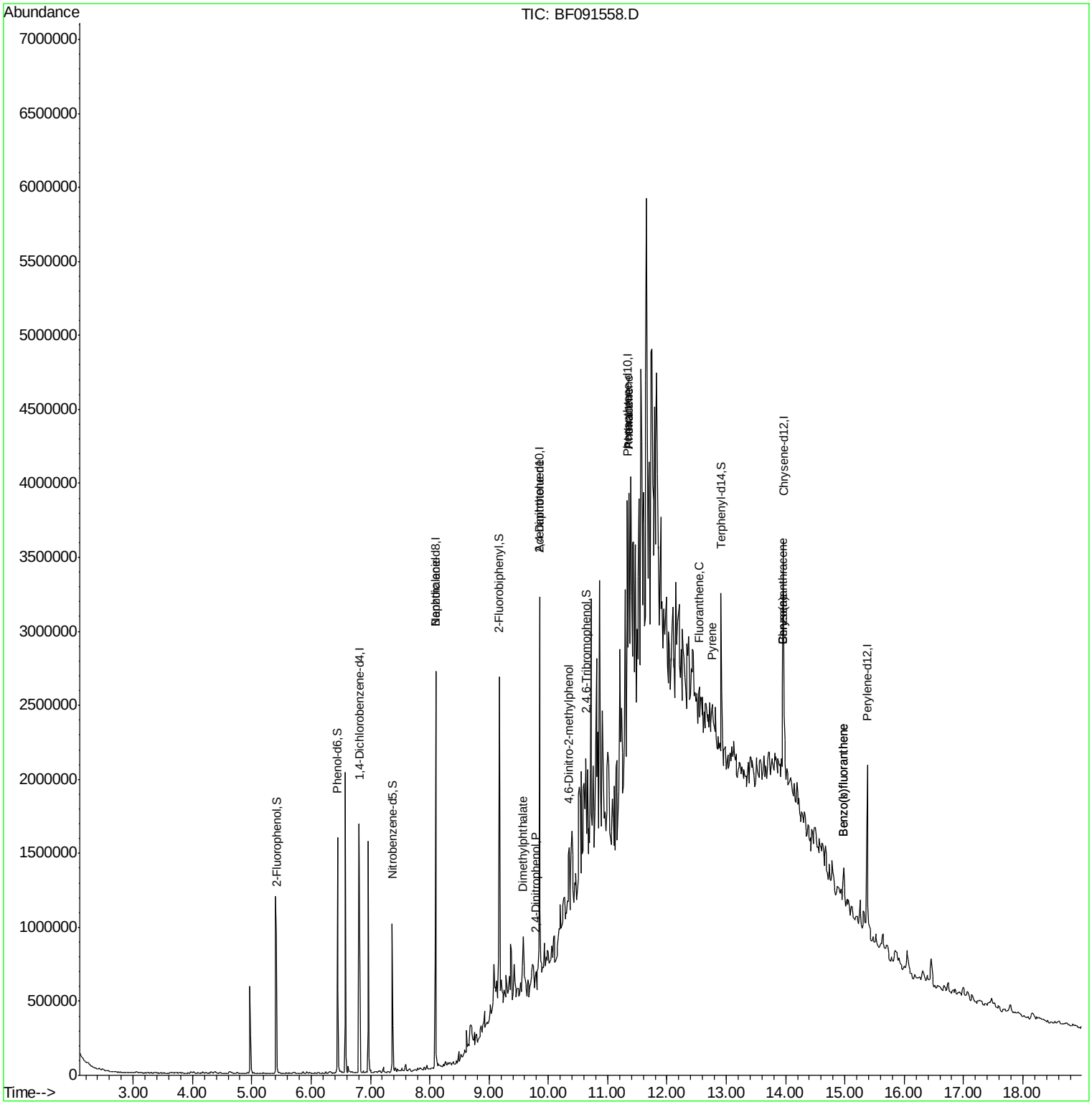
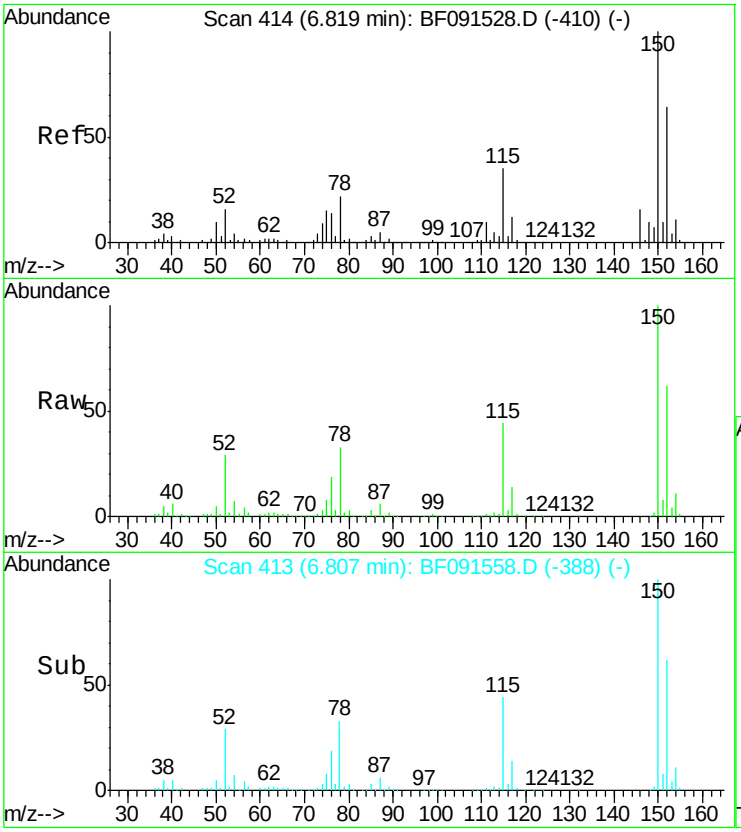


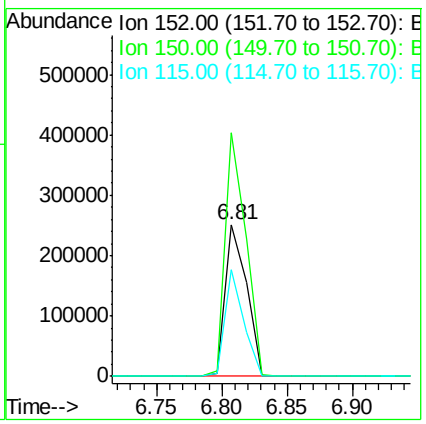


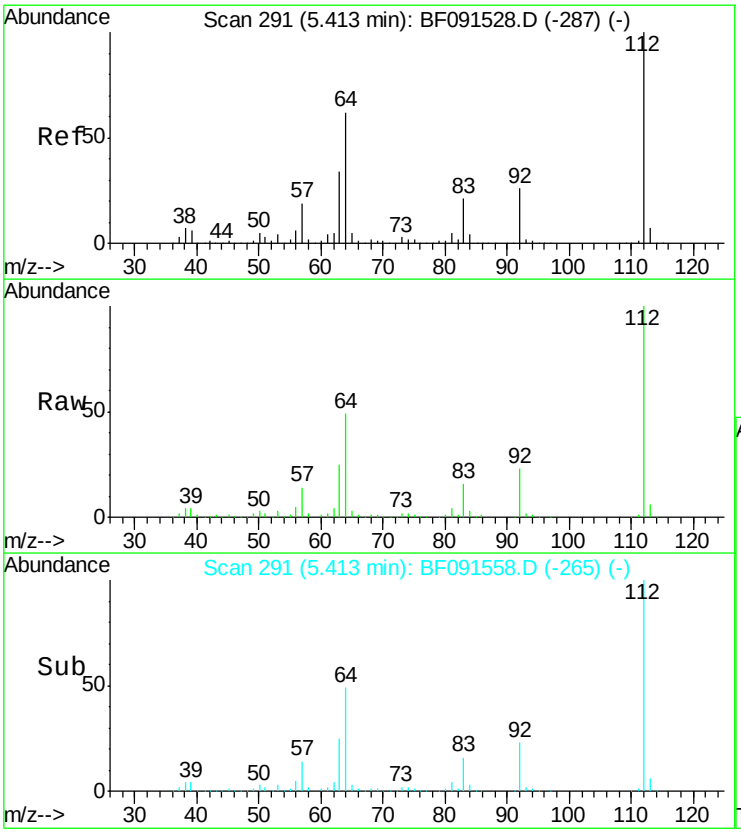
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.01 min
Lab File: BF091558.D
Acq: 13 Dec 2016 17:13

Instrument :
BNA_F
ClientSampleId :
WC120716

Tgt Ion:152 Resp: 285540

Ion	Ratio	Lower	Upper
152	100		
150	160.4	122.5	183.7
115	70.7	51.8	77.8

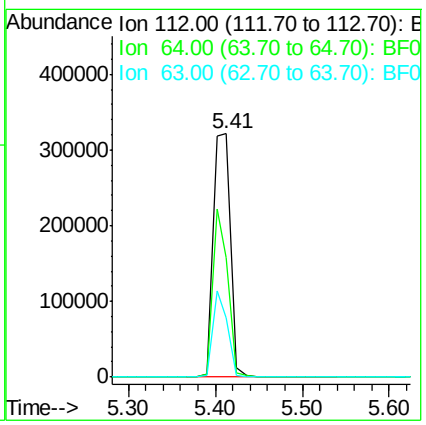


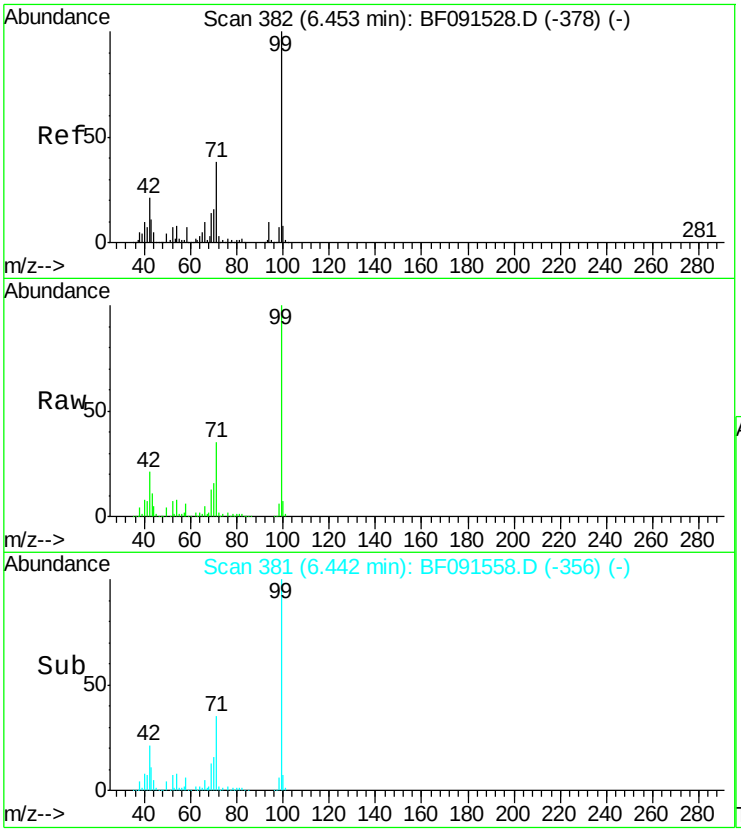


#5
2-Fluorophenol
Concen: 26.85 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF091558.D
Acq: 13 Dec 2016 17:13

Tgt Ion:112 Resp: 455032

Ion	Ratio	Lower	Upper
112	100		
64	49.3	61.5	92.3#
63	24.5	33.3	49.9#



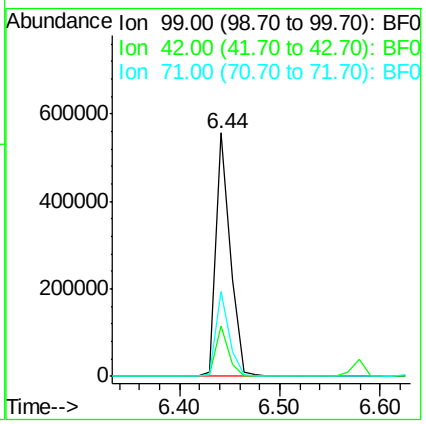


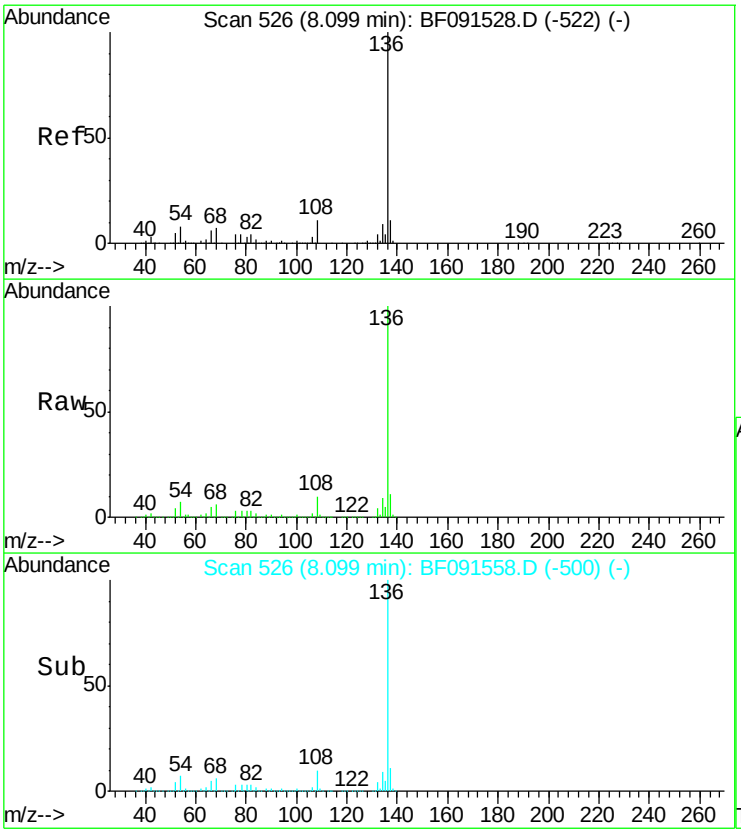
#7
Phenol-d6
Concen: 26.24 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.01 min
Lab File: BF091558.D
Acq: 13 Dec 2016 17:13

Instrument :
BNA_F
ClientSampleId :
WC120716

Tgt Ion: 99 Resp: 554446

Ion	Ratio	Lower	Upper
99	100		
42	20.8	20.6	31.0
71	34.7	29.9	44.9

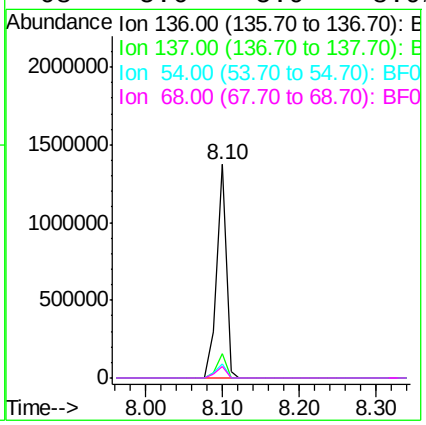


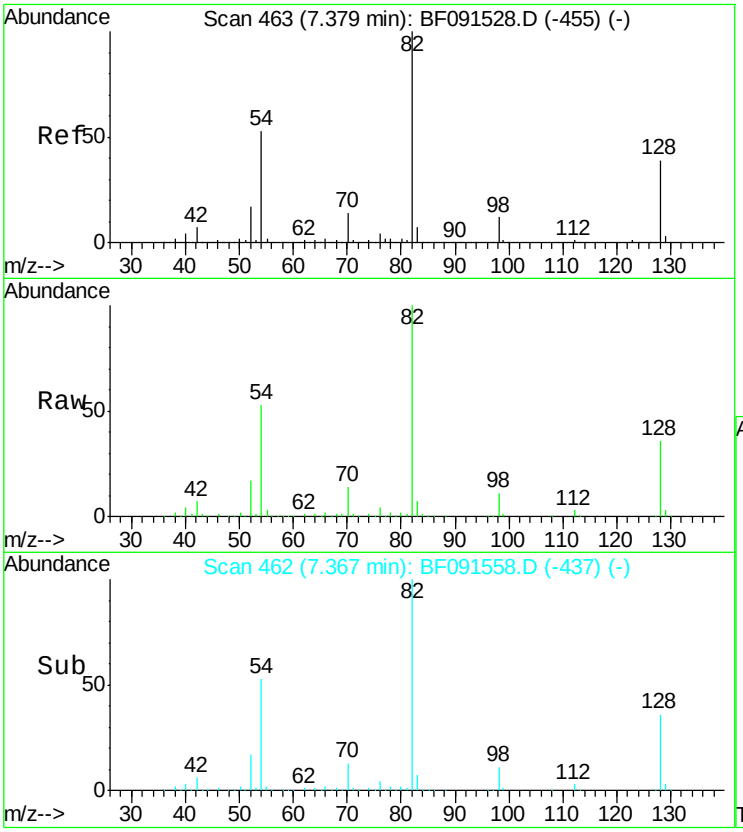


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF091558.D
Acq: 13 Dec 2016 17:13

Tgt Ion:136 Resp: 1189915

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	6.7	9.1	13.7#
68	5.6	5.9	8.9#



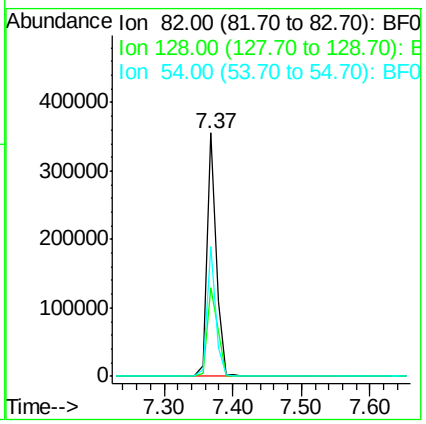


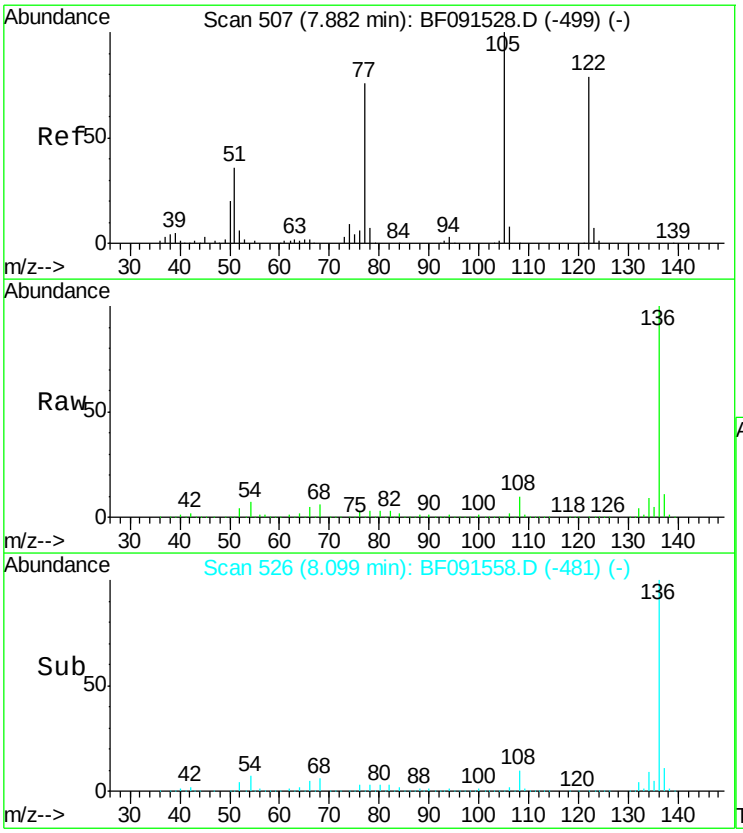
#23
Nitrobenzene-d5
Concen: 15.90 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF091558.D
Acq: 13 Dec 2016 17:13

Instrument :
BNA_F
ClientSampleId :
WC120716

Tgt Ion: 82 Resp: 339035

Ion	Ratio	Lower	Upper
82	100		
128	36.3	31.8	47.6
54	53.2	49.1	73.7

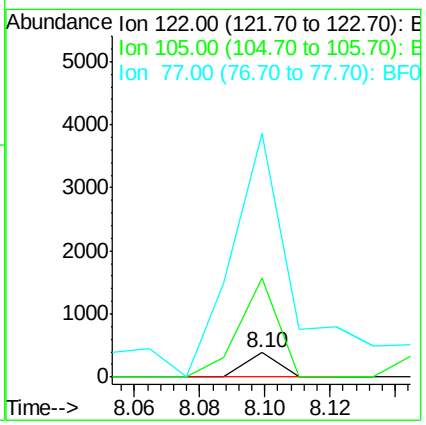


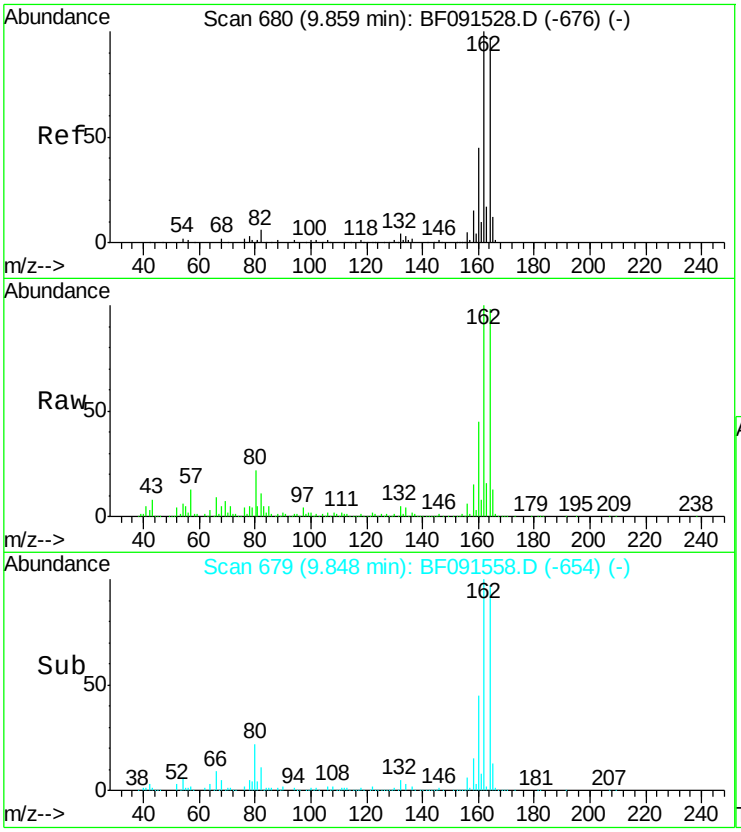


#32
Benzoic acid
Concen: 4.92 ng
RT: 8.10 min Scan# 526
Delta R.T. 0.22 min
Lab File: BF091558.D
Acq: 13 Dec 2016 17:13

Tgt Ion:122 Resp: 268

Ion	Ratio	Lower	Upper
122	100		
105	403.3	113.0	153.0#
77	986.7	82.0	122.0#



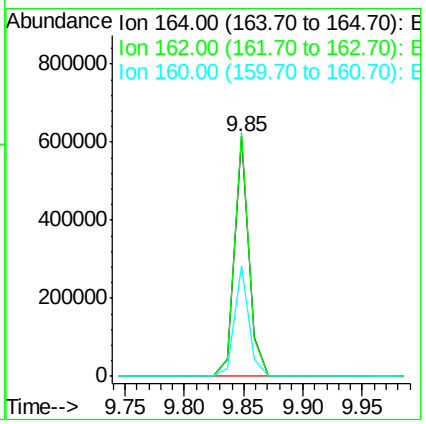


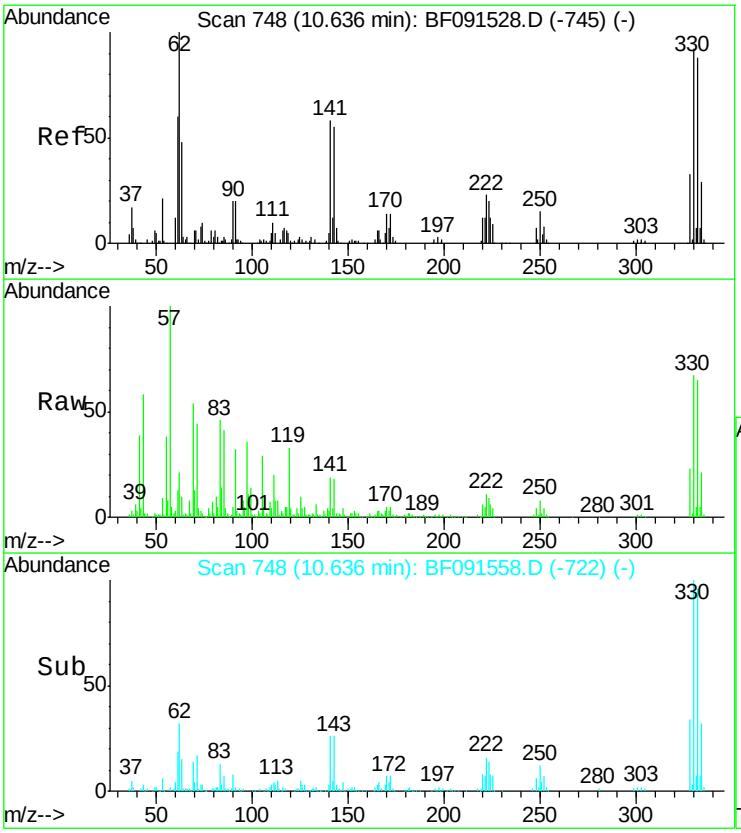
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091558.D
Acq: 13 Dec 2016 17:13

Instrument :
BNA_F
ClientSampleId :
WC120716

Tgt Ion:164 Resp: 522502

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	124.0
160	46.1	36.7	55.1

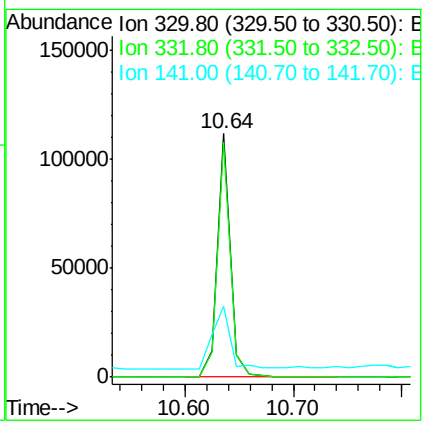


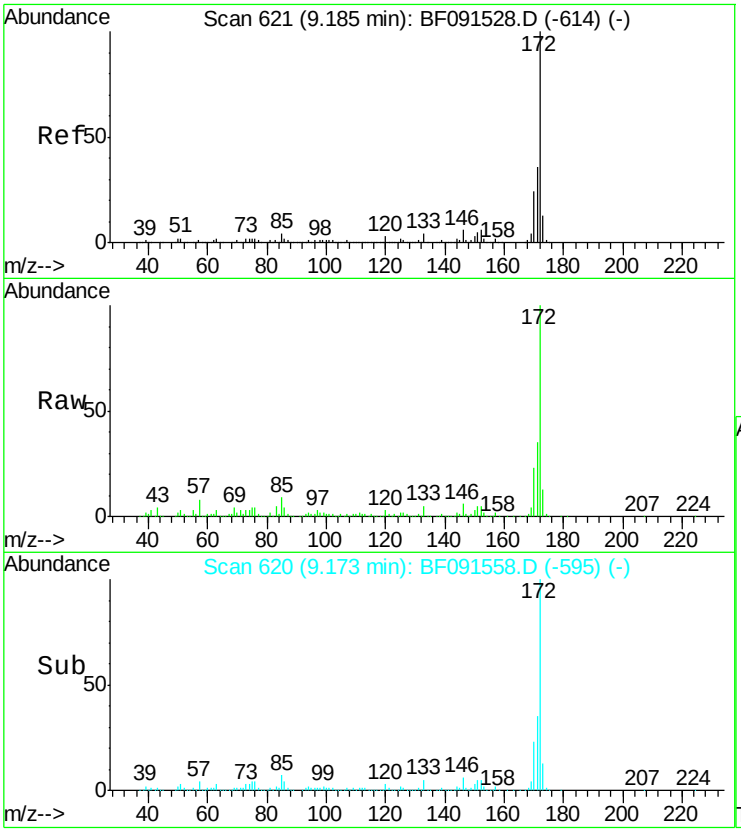


#41
2,4,6-Tribromophenol
Concen: 21.62 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF091558.D
Acq: 13 Dec 2016 17:13

Tgt Ion:330 Resp: 93811

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.2	114.4
141	37.3	33.6	50.4



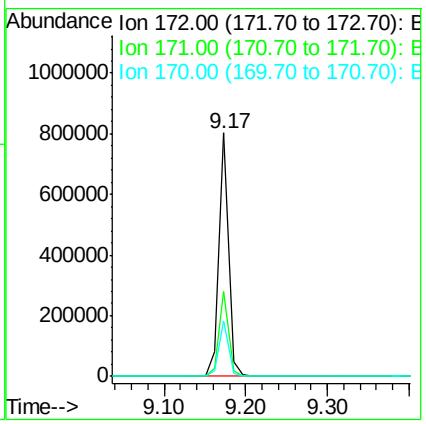


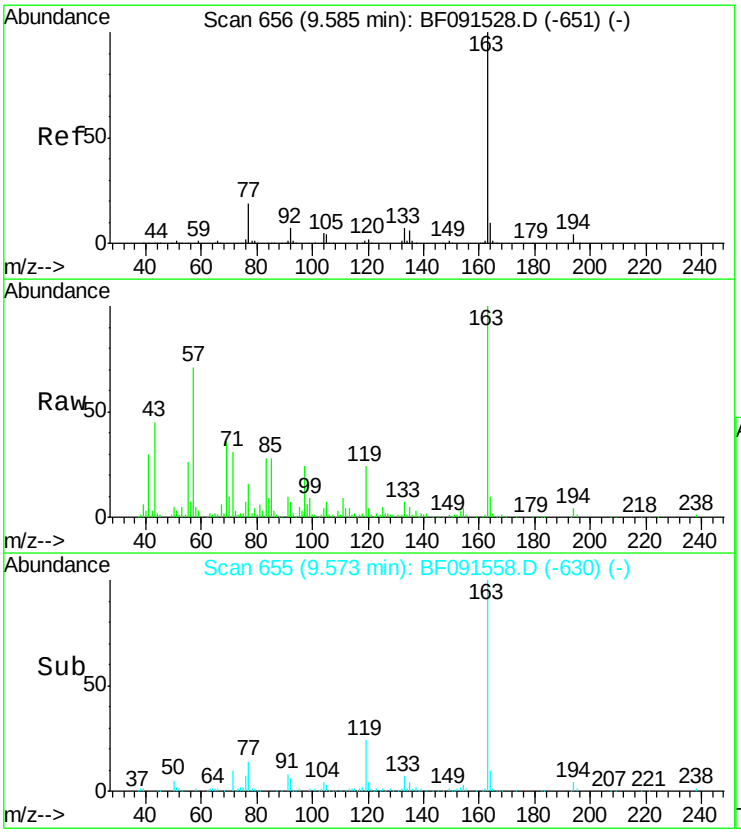
#44
2-Fluorobiphenyl
Concen: 21.46 ng
RT: 9.17 min Scan# 620
Delta R.T. -0.01 min
Lab File: BF091558.D
Acq: 13 Dec 2016 17:13

Instrument :
BNA_F
ClientSampleId :
WC120716

Tgt Ion:172 Resp: 648836

Ion	Ratio	Lower	Upper
172	100		
171	34.6	29.4	44.0
170	23.0	19.7	29.5





#49
Dimethylphthalate
Concen: 4.54 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091558.D
Acq: 13 Dec 2016 17:13

Tgt Ion:163 Resp: 150174

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.7	7.8	11.8