Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121516\
Data File : BF091634.D
Acq On : 15 Dec 2016 17:56
Operator : UM/SJ
Sample : H6012-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-5-8-9

Quant Time: Dec 16 00:12:16 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	312712	20.00	ng		-0.03
21) Naphthalene-d8	8.06	136	1217305	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	657733	20.00	ng		-0.03
63) Phenanthrene-d10	11.30	188	950314	20.00	ng		-0.03
75) Chrysene-d12	13.94	240	640434	20.00	ng		-0.02
86) Perylene-d12	15.35	264	606645	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1960822	105.64	ng		-0.02
7) Phenol-d6	6.43	99	2719437	117.52	ng		-0.02
23) Nitrobenzene-d5	7.34	82	1704747	78.16	ng		-0.03
41) 2,4,6-Tribromophenol	10.61	330	548899	100.47	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	2298422	60.38	ng		-0.03
78) Terphenyl-d14	12.89	244	1691194	59.92	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.56	77	52641	3.31	ng		87
10) Phenol	6.44	94	196484	7.26	ng	#	73
19) n-Nitroso-di-n-propylamine	7.34	70	225028	15.55	ng	#	65
20) 3+4-Methylphenols	7.21	107	208	Below Cal		#	26
25) Isophorone	7.34	82	1479419	38.16	ng	#	67
32) Benzoic acid	7.86	122	623	4.94	ng	#	1
49) Dimethylphthalate	9.54	163	411200	9.87	ng	#	98
56) 2,4-Dinitrotoluene	9.82	165	84555	7.38	ng	#	33
57) Fluorene	10.37	166	2307	Below Cal		#	64
64) 4,6-Dinitro-2-methylphenol	10.61	198	1385	3.17	ng	#	1
66) 4-Bromophenyl-phenylether	10.61	248	37621	3.86	ng	#	1
74) Fluoranthene	12.51	202	338452	6.87	ng		97
77) Pyrene	12.74	202	341031	6.71	ng		99
80) Benzo(a)anthracene	13.93	228	197147	5.30	ng		97
82) Chrysene	13.93	228	197147	5.07	ng		99
85) Indeno(1,2,3-cd)pyrene	16.68	276	93630	2.67	ng	#	93
87) Benzo(b)fluoranthene	14.95	252	285064	7.88	ng		96
88) Benzo(k)fluoranthene	14.95	252	285064	8.96	ng		98
89) Benzo(a)pyrene	15.28	252	153246	4.70	ng		98
91) Benzo(g,h,i)perylene	17.09	276	84556	2.85	ng		96

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

Quantitation Report (Not Reviewed)

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Acq On : 15 Dec 2016 17:56
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Quant Time: Dec 16 00:12:16 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
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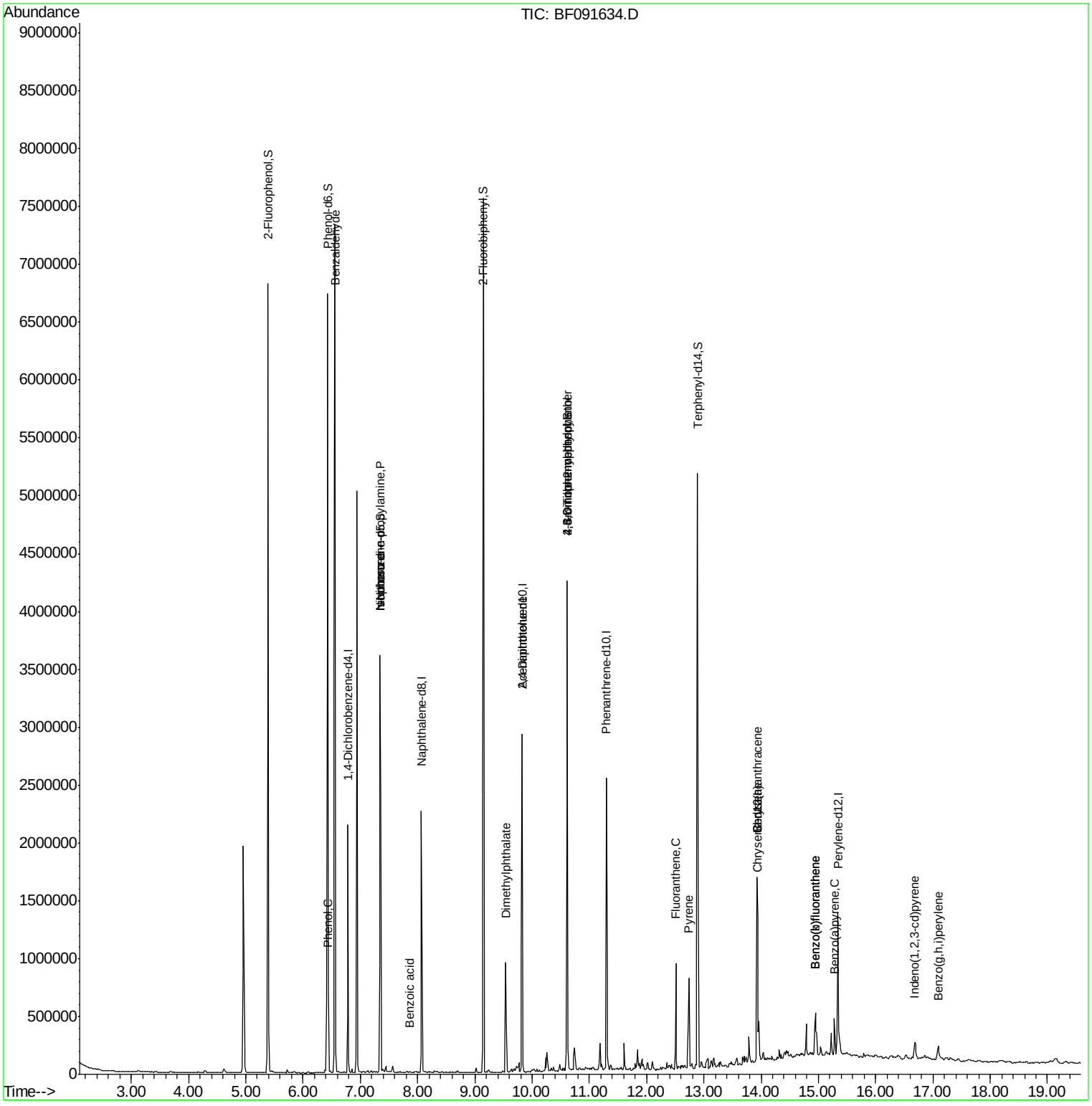
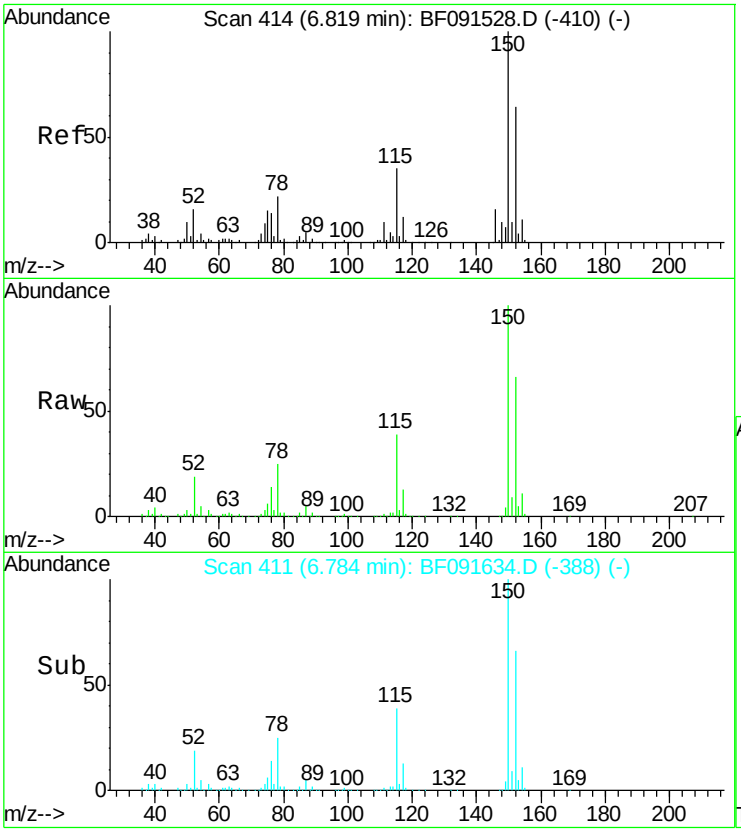


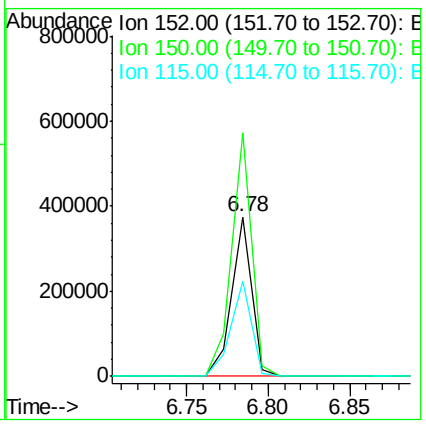


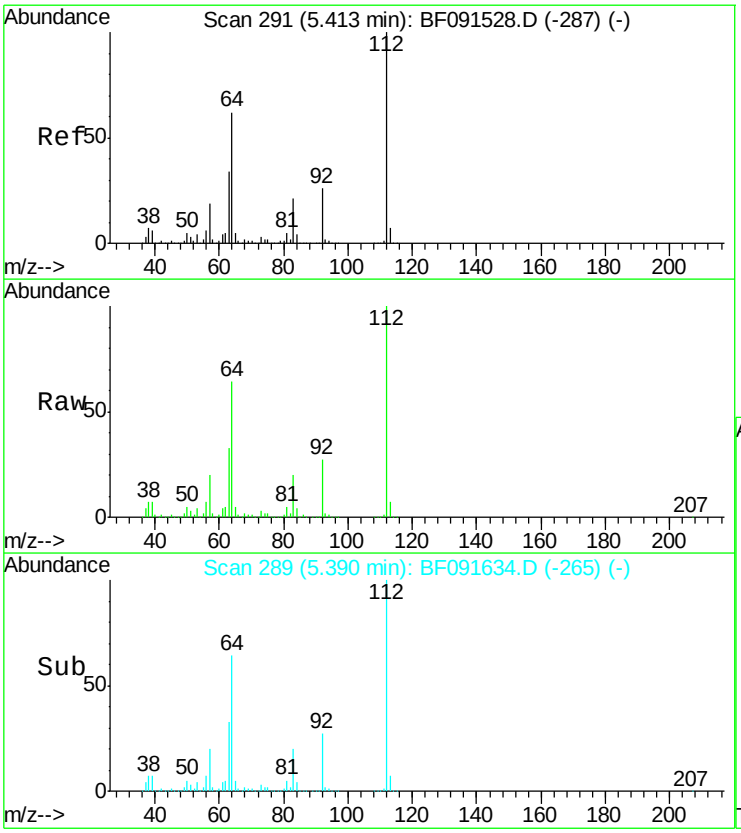
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.03 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Instrument :
BNA_F
ClientSampleId :
SB-5-8-9

Tgt Ion:152 Resp: 312712

Ion	Ratio	Lower	Upper
152	100		
150	152.4	122.5	183.7
115	59.7	51.8	77.8

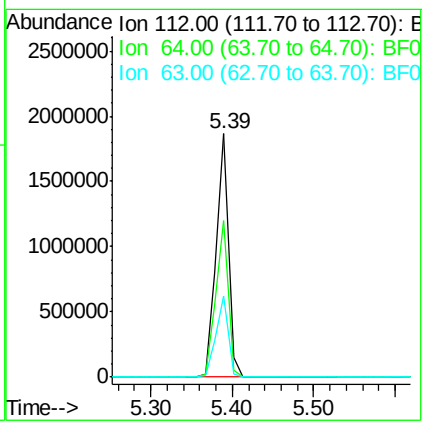


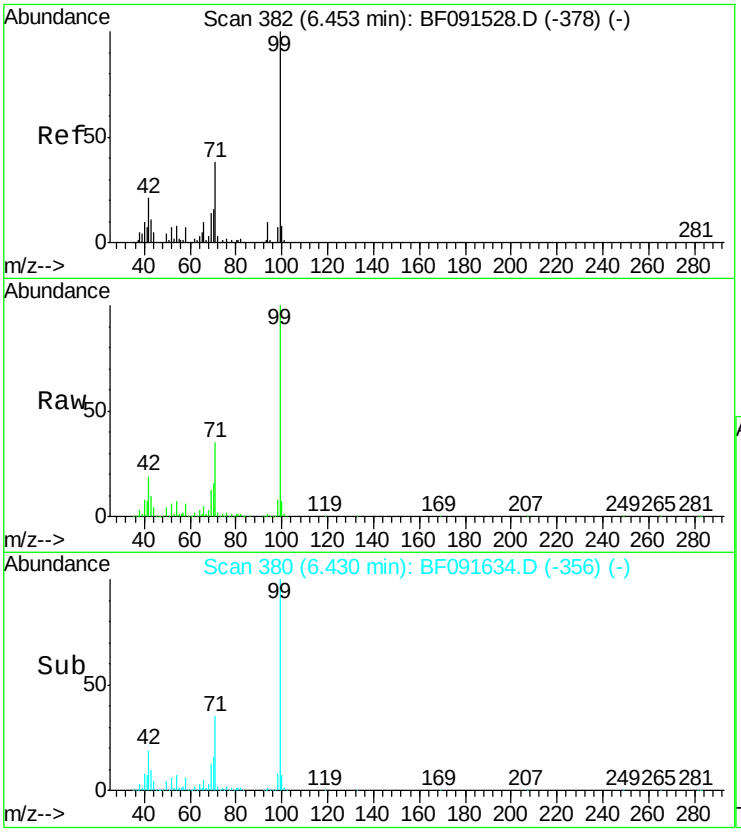


#5
2-Fluorophenol
Concen: 105.64 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Tgt Ion:112 Resp: 1960822

Ion	Ratio	Lower	Upper
112	100		
64	64.1	61.5	92.3
63	33.2	33.3	49.9#



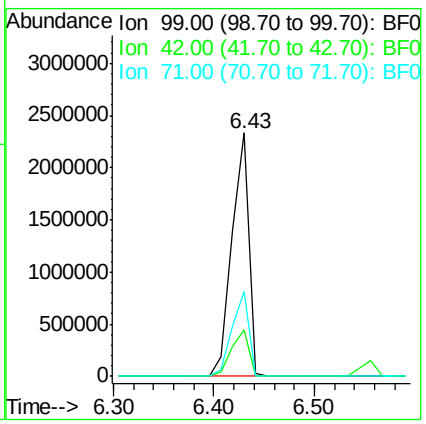


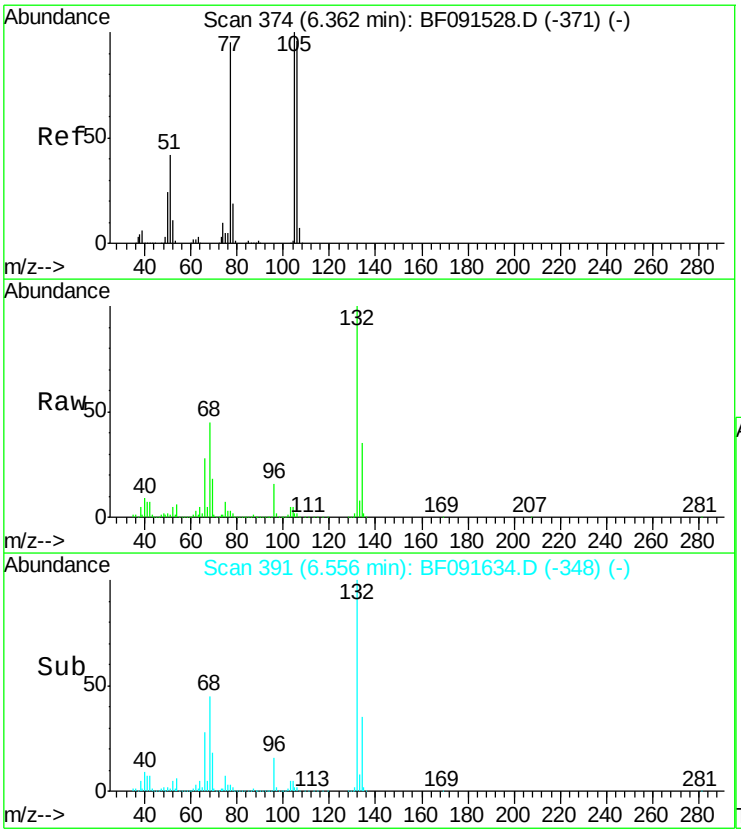
#7
Phenol-d6
Concen: 117.52 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Instrument :
BNA_F
ClientSampleId :
SB-5-8-9

Tgt Ion: 99 Resp: 2719437

Ion	Ratio	Lower	Upper
99	100		
42	19.0	20.6	31.0#
71	34.8	29.9	44.9

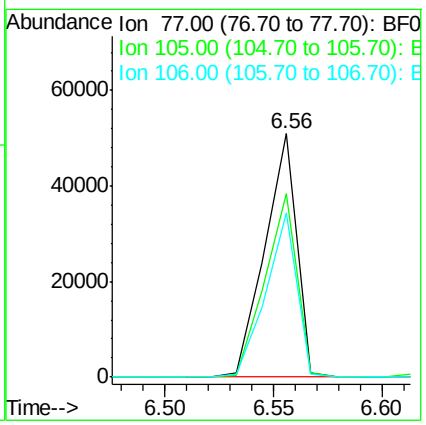


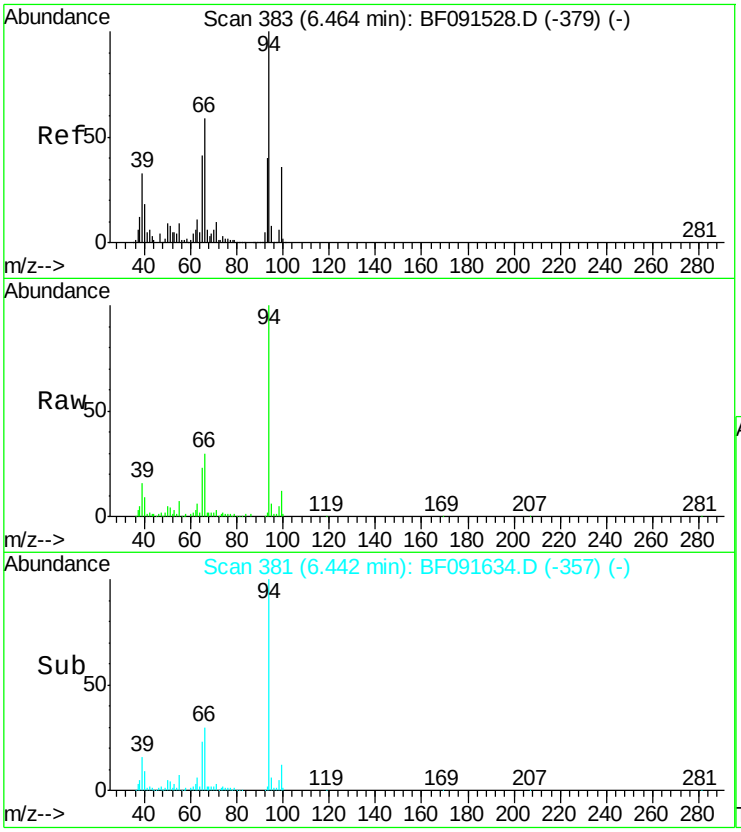


#9
Benzaldehyde
Concen: 3.31 ng
RT: 6.56 min Scan# 391
Delta R.T. 0.19 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Tgt Ion: 77 Resp: 52641

Ion	Ratio	Lower	Upper
77	100		
105	75.2	66.4	106.4
106	67.7	60.9	100.9



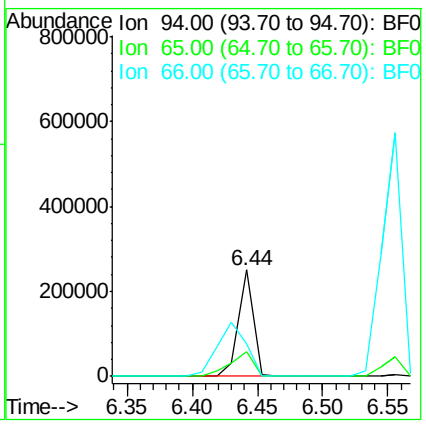


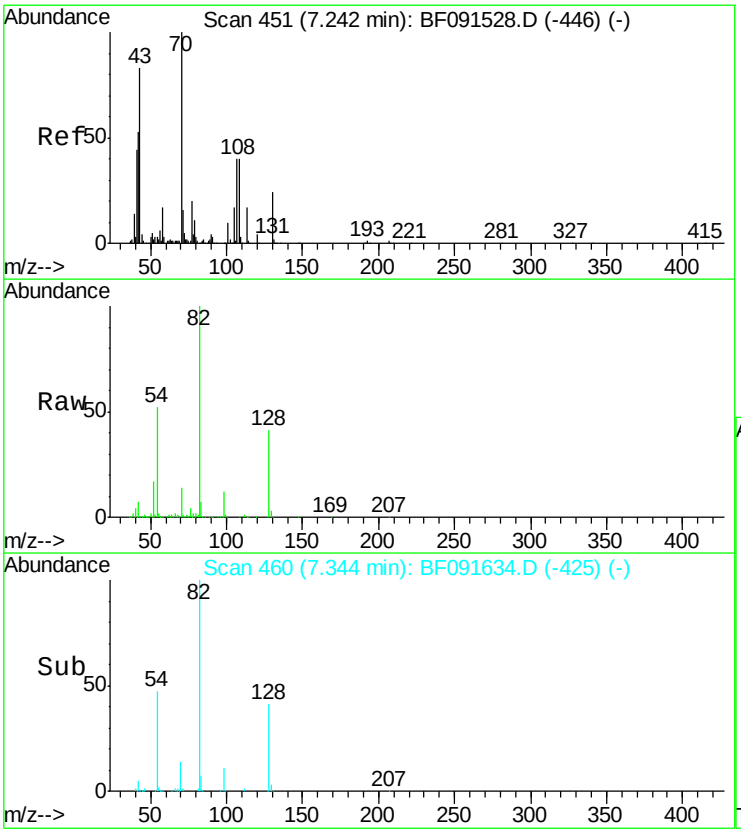
#10
Phenol
Concen: 7.26 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.02 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Instrument :
BNA_F
ClientSampleId :
SB-5-8-9

Tgt Ion: 94 Resp: 196484

Ion	Ratio	Lower	Upper
94	100		
65	23.3	16.9	56.9
66	30.4	30.6	70.6#

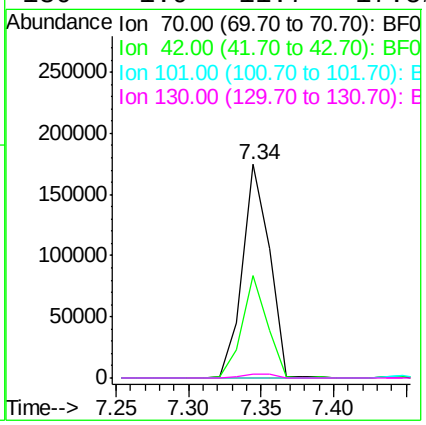


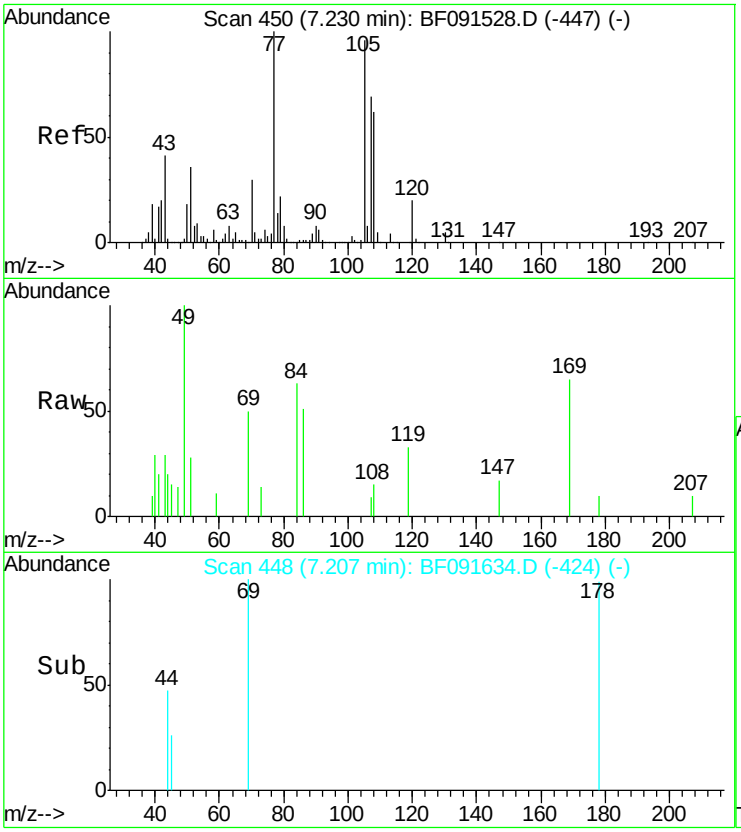


#19
n-Nitroso-di-n-propylamine
Concen: 15.55 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.10 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Tgt Ion: 70 Resp: 225028

Ion	Ratio	Lower	Upper
70	100		
42	47.8	64.8	97.2#
101	0.0	6.2	9.4#
130	1.9	11.7	17.5#



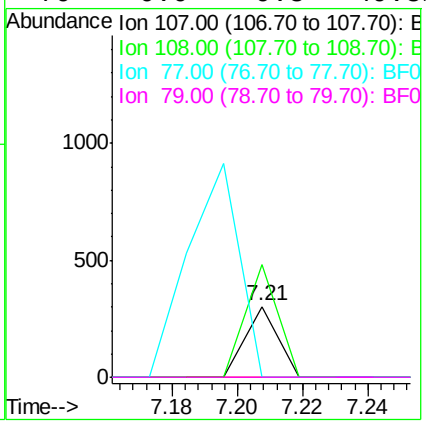


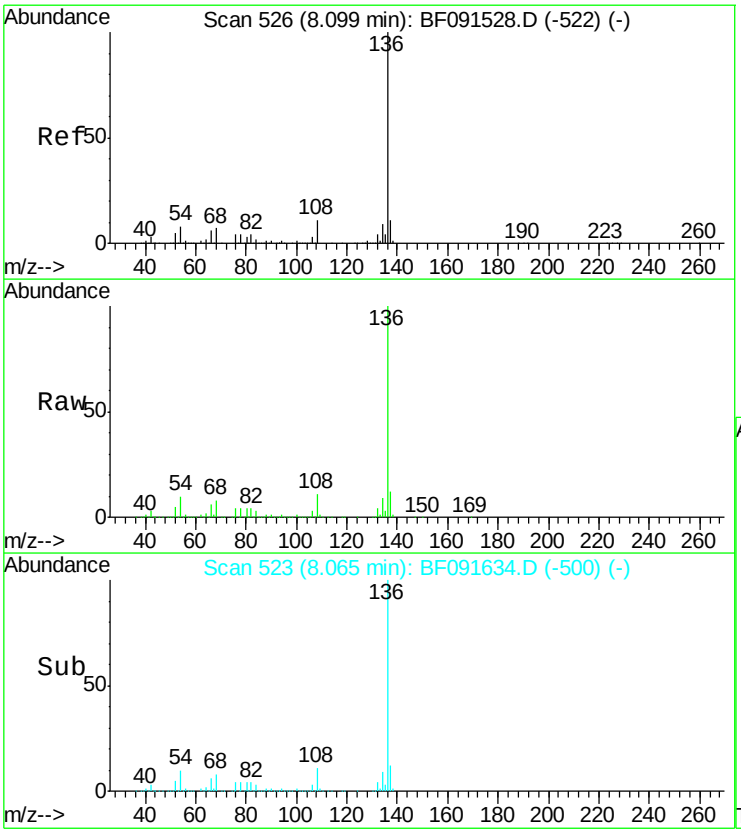
#20
3+4-Methylphenols
Concen: Below Cal
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Instrument :
BNA_F
ClientSampleId :
SB-5-8-9

Tgt Ion:107 Resp: 208

Ion	Ratio	Lower	Upper
107	100		
108	158.6	64.6	104.6#
77	0.0	30.9	70.9#
79	0.0	9.3	49.3#

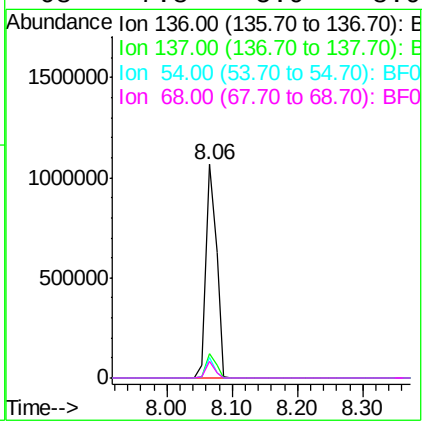


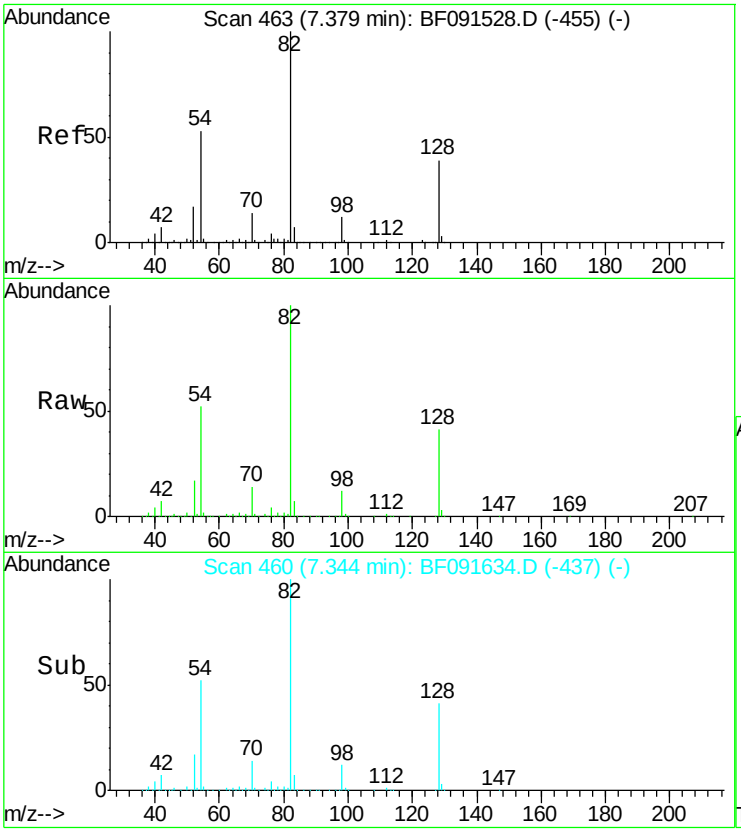


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Tgt Ion:136 Resp: 1217305

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	9.8	9.1	13.7
68	7.8	5.9	8.9



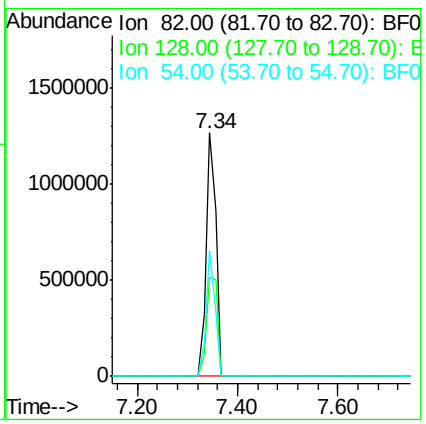


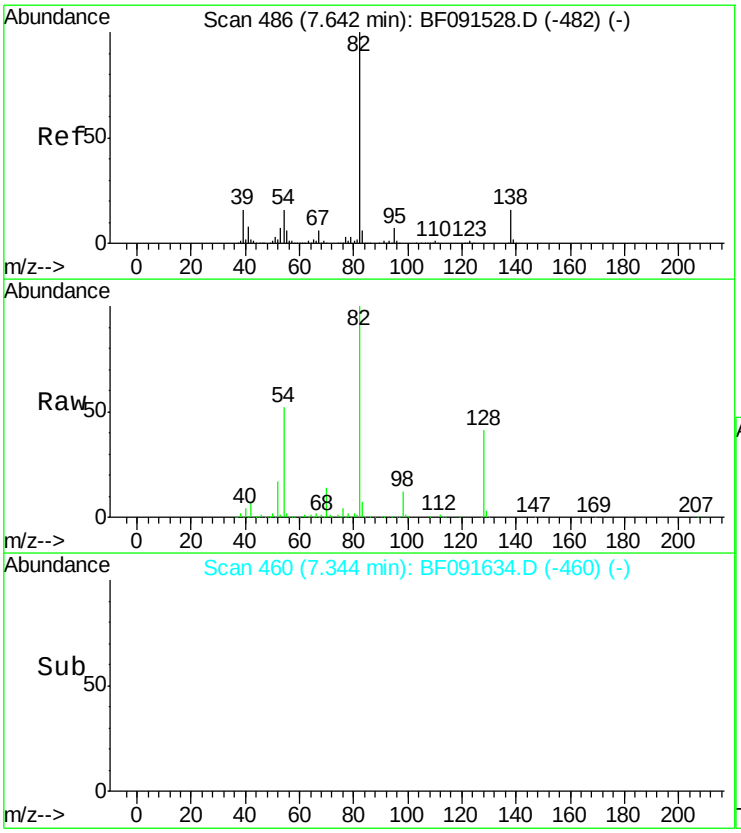
#23
Nitrobenzene-d5
Concen: 78.16 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.03 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Instrument :
BNA_F
ClientSampleId :
SB-5-8-9

Tgt Ion: 82 Resp: 1704747

Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.8	47.6
54	51.6	49.1	73.7

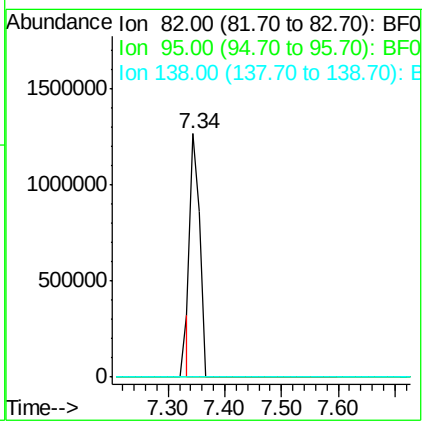


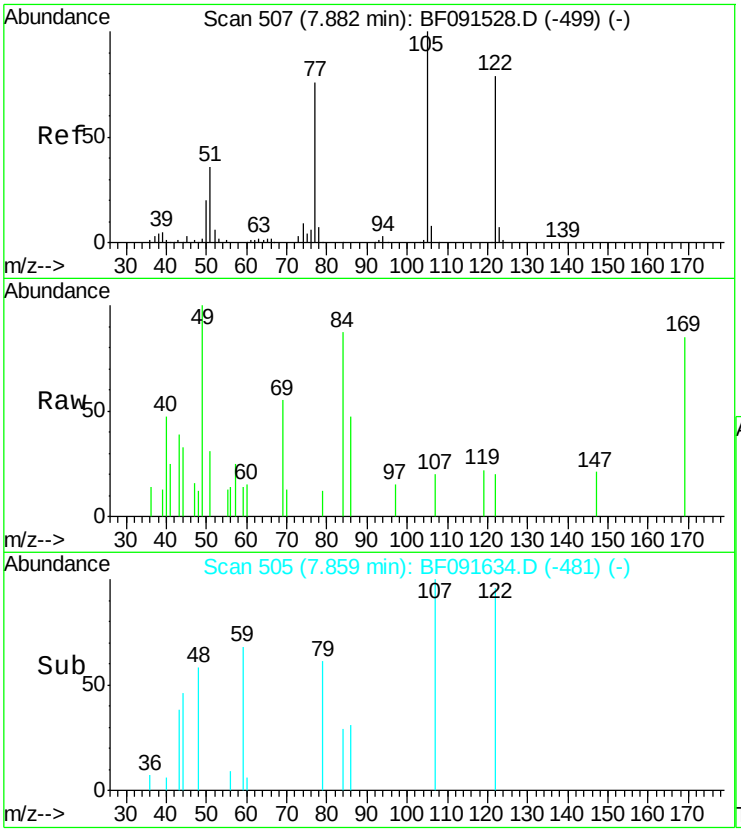


#25
Isophorone
Concen: 38.16 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.30 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Tgt Ion: 82 Resp: 1479419

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



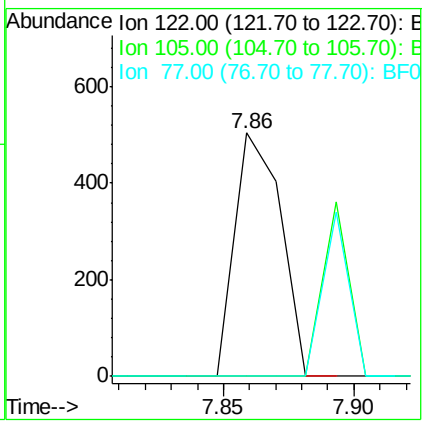


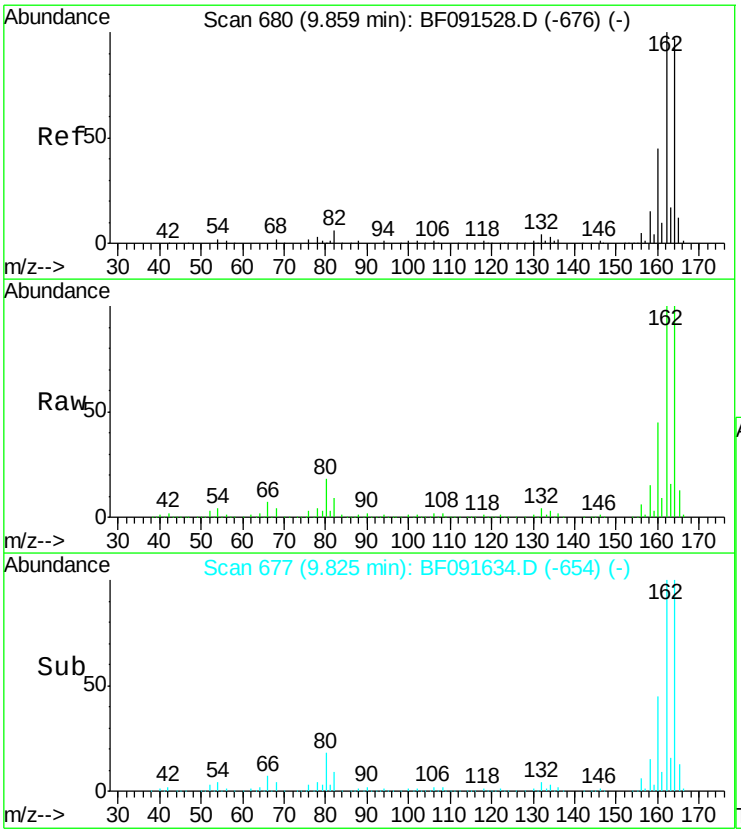
#32
Benzoic acid
Concen: 4.94 ng
RT: 7.86 min Scan# 505
Delta R.T. -0.02 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Instrument :
BNA_F
ClientSampleId :
SB-5-8-9

Tgt Ion:122 Resp: 623

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

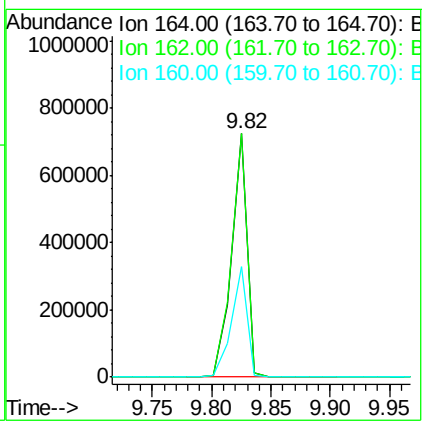


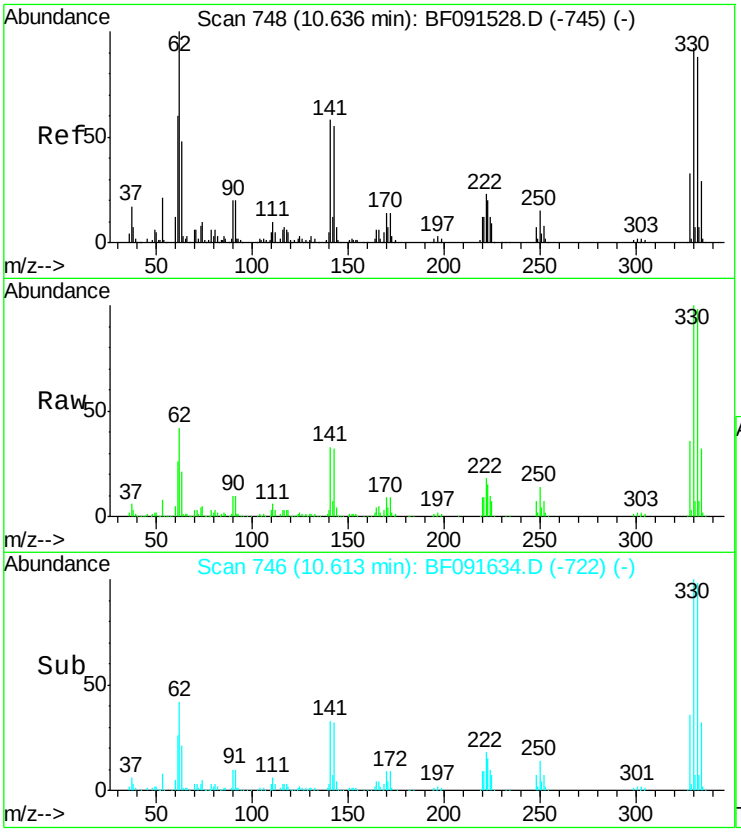


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.03 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Tgt Ion:164 Resp: 657733

Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.6	124.0
160	45.5	36.7	55.1



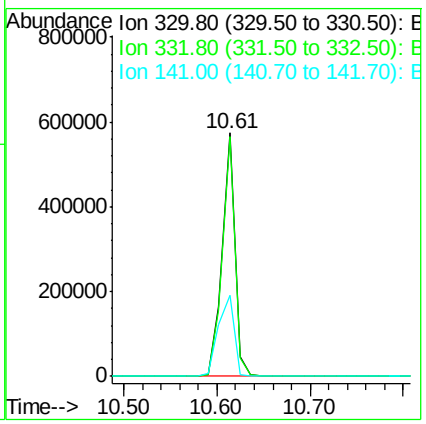


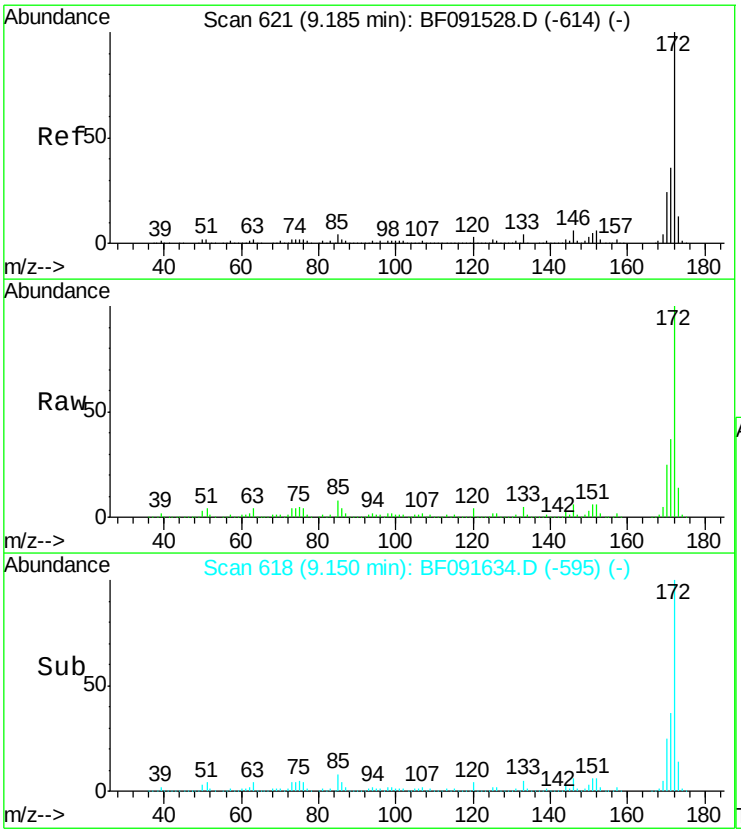
#41
2,4,6-Tribromophenol
Concen: 100.47 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.02 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Instrument :
BNA_F
ClientSampleId :
SB-5-8-9

Tgt Ion:330 Resp: 548899

Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.2	114.4
141	41.2	33.6	50.4

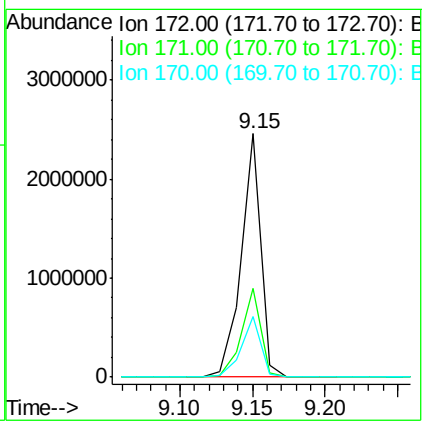


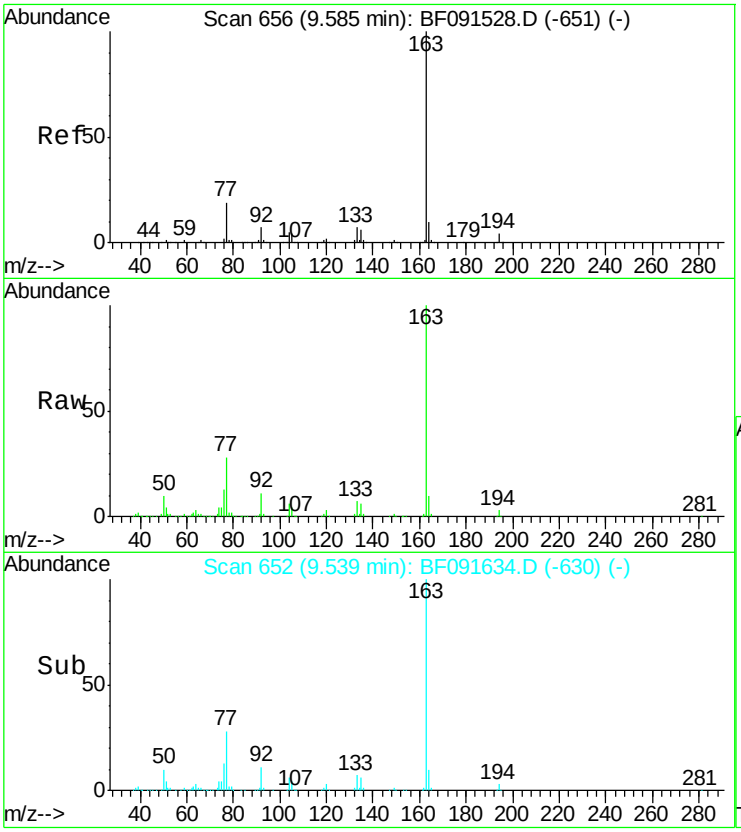


#44
2-Fluorobiphenyl
Concen: 60.38 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.03 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Tgt Ion:172 Resp: 2298422

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



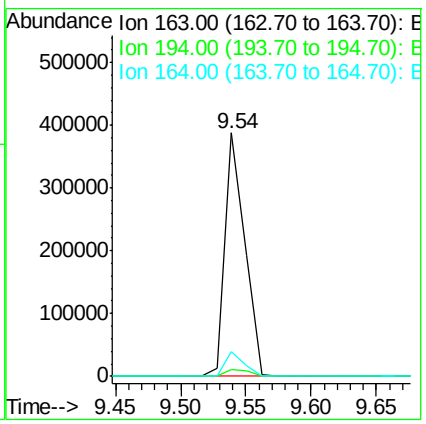


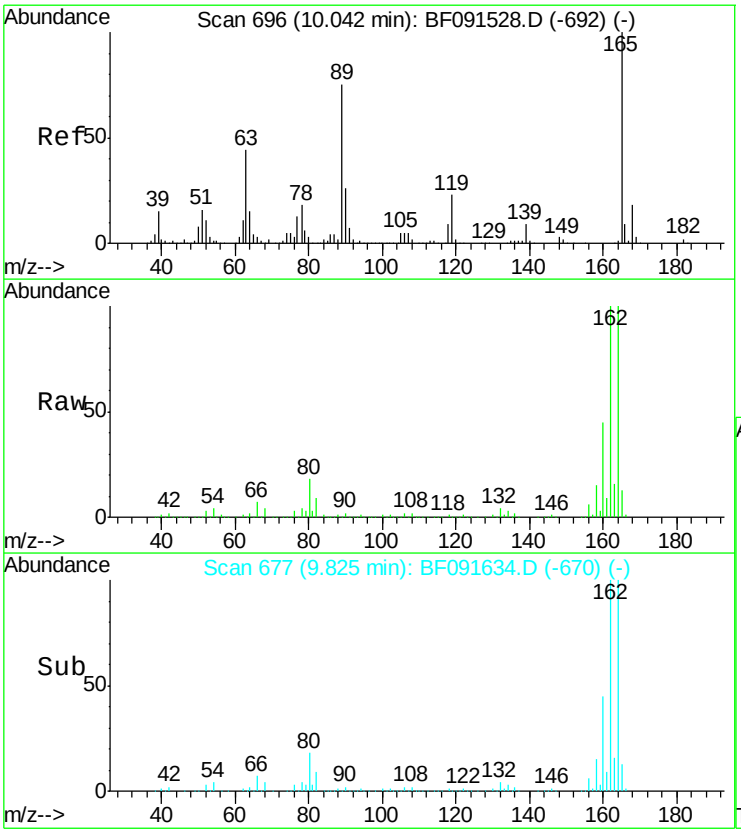
#49
Dimethylphthalate
Concen: 9.87 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.05 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Instrument :
BNA_F
ClientSampleId :
SB-5-8-9

Tgt Ion:163 Resp: 411200

Ion	Ratio	Lower	Upper
163	100		
194	2.8	3.0	4.4#
164	10.3	7.8	11.8





#56
2,4-Dinitrotoluene
Concen: 7.38 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.22 min
Lab File: BF091634.D
Acq: 15 Dec 2016 17:56

Tgt Ion:165 Resp: 84555

Ion	Ratio	Lower	Upper
165	100		
63	0.7	29.0	43.4#
89	0.9	43.1	64.7#
182	0.0	1.9	2.9#