Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089685.D
Acq On : 9 Aug 2016 6:29
Operator : UM/SJ
Sample : H4323-01
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-DECONFLUID-13

Quant Time: Aug 09 07:02:13 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	47593	20.00	ng		0.01
21) Naphthalene-d8	9.46	136	193146	20.00	ng		-0.01
38) Acenaphthene-d10	12.27	164	91038	20.00	ng		-0.02
63) Phenanthrene-d10	14.66	188	143454	20.00	ng		-0.03
75) Chrysene-d12	18.38	240	100304	20.00	ng		-0.01
86) Perylene-d12	20.06	264	71676	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	7.04	99	385793	100.15	ng		0.06
23) Nitrobenzene-d5	8.35	82	306362	87.73	ng		-0.01
41) 2,4,6-Tribromophenol	13.58	330	85170	113.37	ng		-0.01
44) 2-Fluorobiphenyl	11.23	172	560959	80.08	ng		-0.02
78) Terphenyl-d14	17.04	244	360470	70.95	ng		-0.01
Target Compounds							Qvalue
4) n-Nitrosodimethylamine	2.43	42	3616	8.34	ng	#	1
9) Benzaldehyde	6.86	77	2974	2.13	ng	#	75
15) Benzyl Alcohol	7.69	79	5409	2.14	ng	#	43
18) Hexachloroethane	8.24	117	9227	5.80	ng	#	1
20) 3+4-Methylphenols	8.28	107	9950	3.13	ng		92
22) Acetophenone	8.09	105	77418	16.81	ng	#	60
24) Nitrobenzene	8.32	77	27080	8.16	ng	#	23
26) 2-Nitrophenol	8.89	139	5656	3.72	ng	#	1
28) bis(2-Chloroethoxy)methane	9.19	93	12123	3.00	ng	#	1
31) Naphthalene	9.50	128	605868	59.02	ng		99
32) Benzoic acid	9.48	122	84299	49.03	ng	#	76
33) 4-Chloroaniline	9.50	127	81165	21.05	ng	#	31
35) Caprolactam	10.33	113	14662	19.43	ng	#	1
37) 2-Methylnaphthalene	10.62	142	21496	3.40	ng		99
49) Dimethylphthalate	11.92	163	28586	4.01	ng	#	90
50) 2,6-Dinitrotoluene	11.99	165	13325	9.39	ng	#	29
55) 4-Nitrophenol	12.62	139	775	7.30	ng	#	1
83) Bis(2-ethylhexyl)phthalate	18.46	149	42610	8.16	ng	#	89

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

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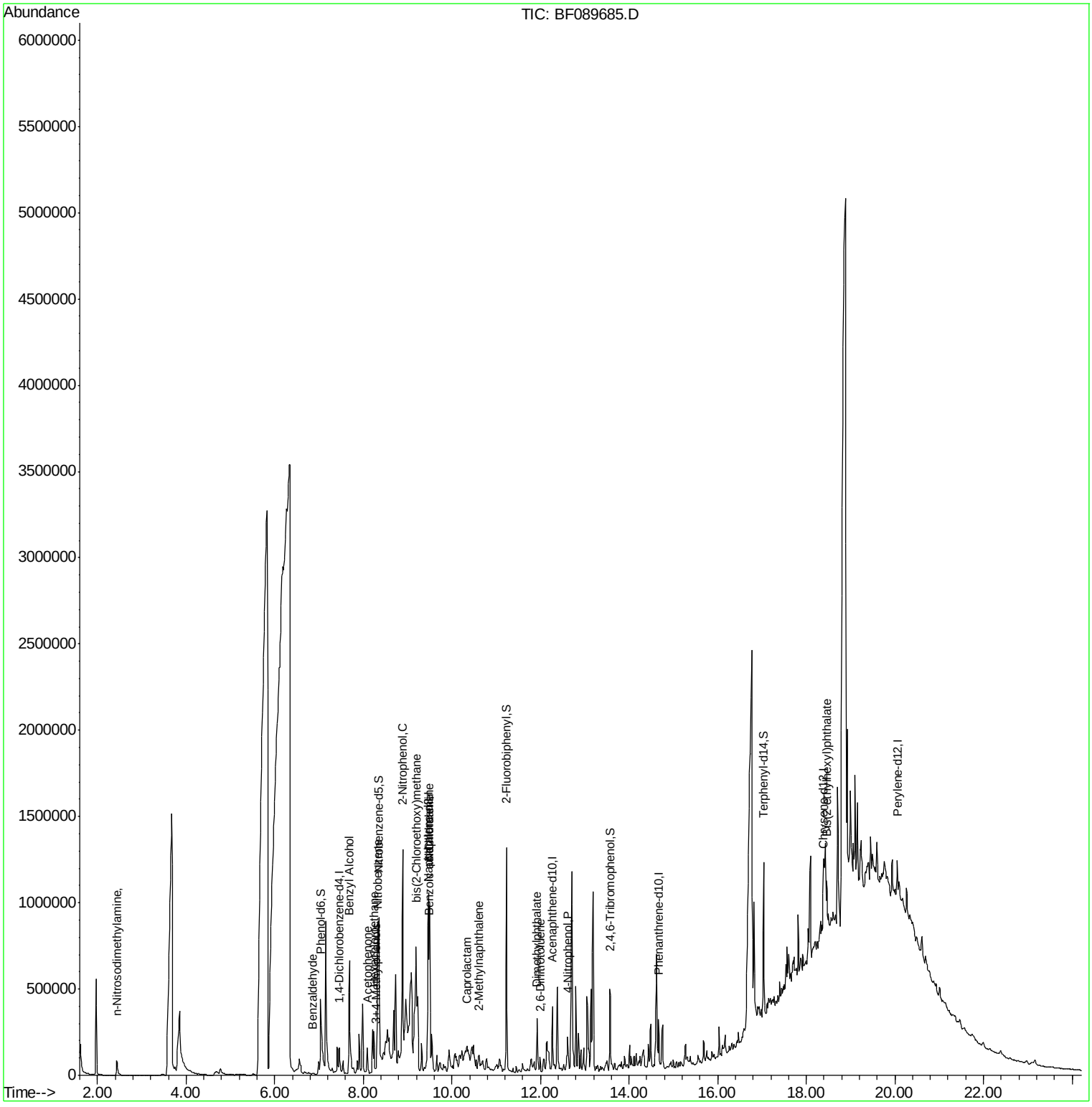
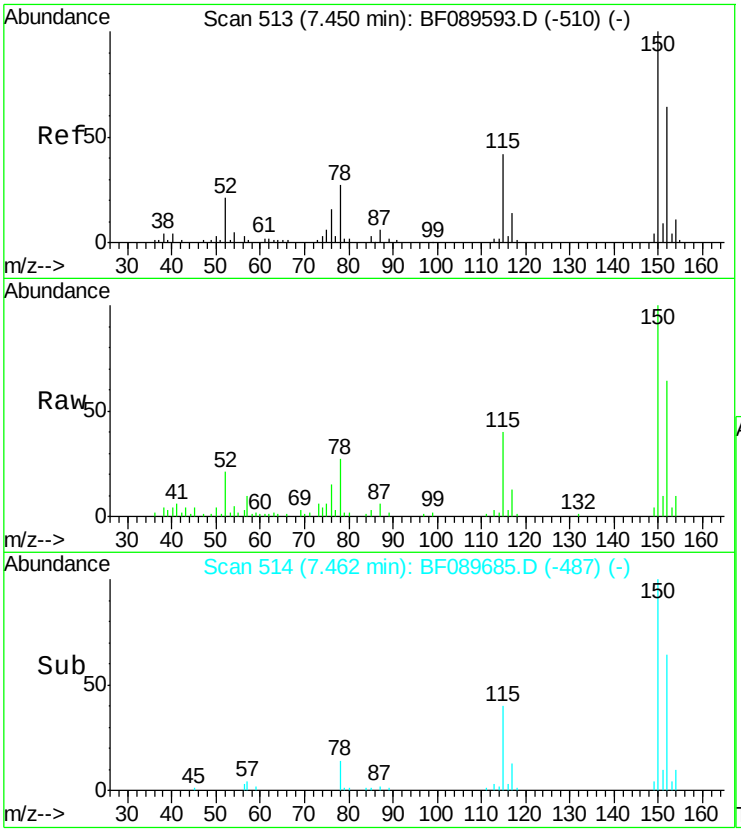


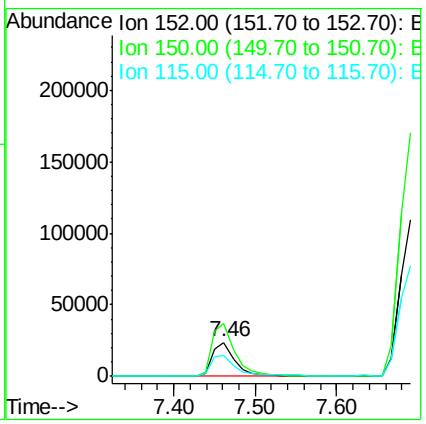


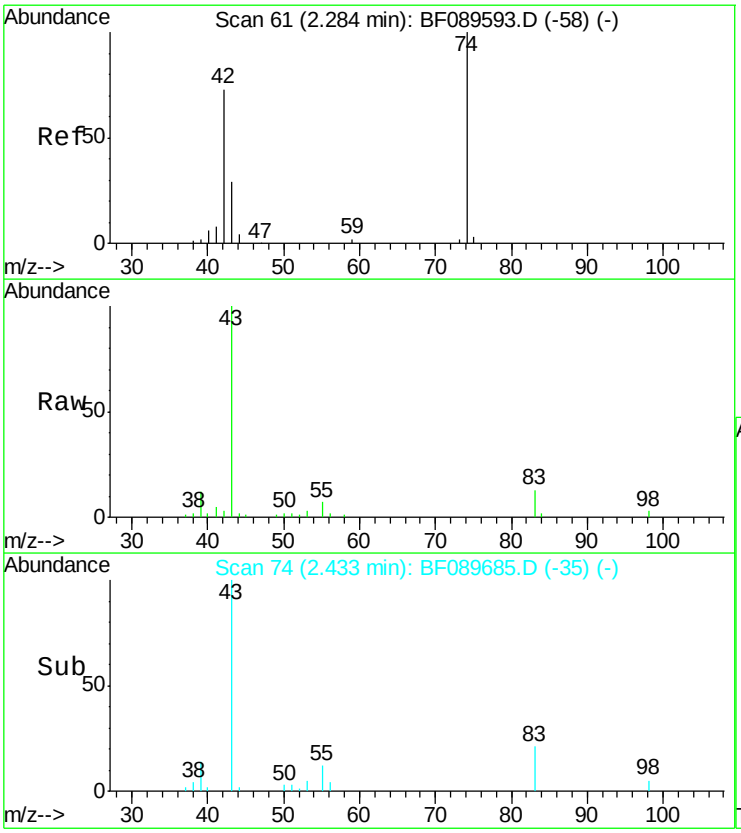
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. 0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:152 Resp: 47593

Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.5	188.3
115	63.0	52.0	78.0

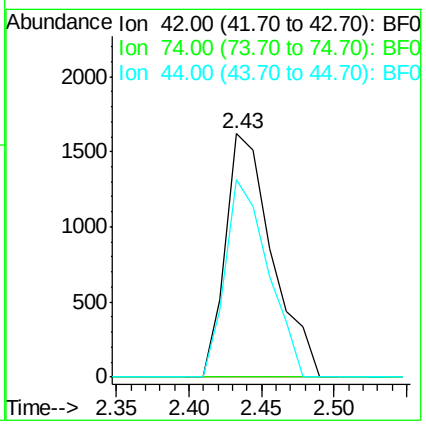


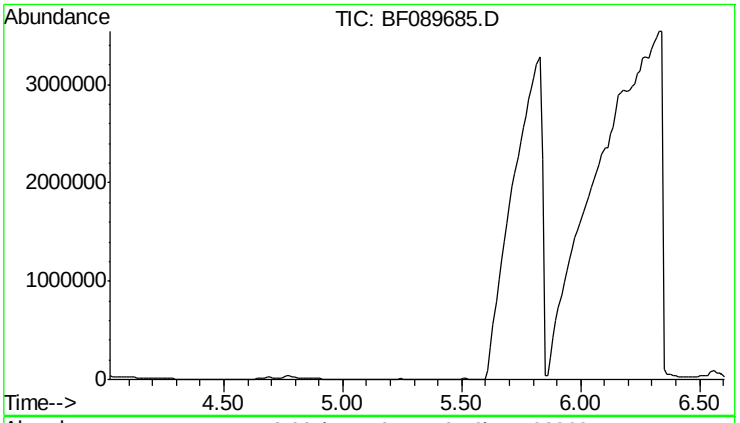


#4
n-Nitrosodimethylamine
Concen: 8.34 ng
RT: 2.43 min Scan# 74
Delta R.T. 0.15 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion: 42 Resp: 3616

Ion	Ratio	Lower	Upper
42	100		
74	0.0	110.0	165.0#
44	80.9	4.8	7.2#





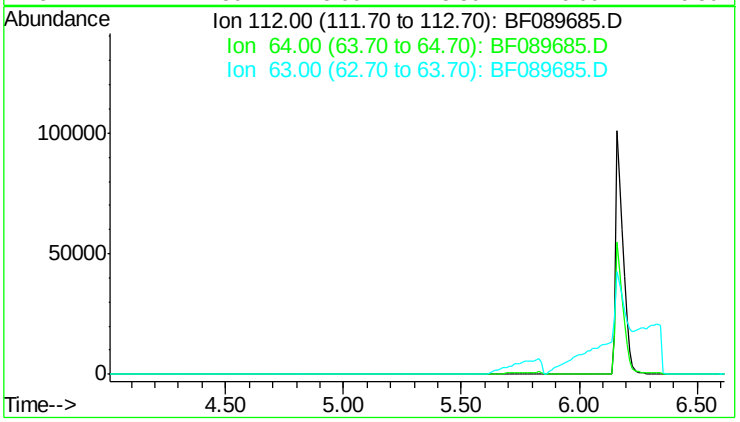
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.31 min

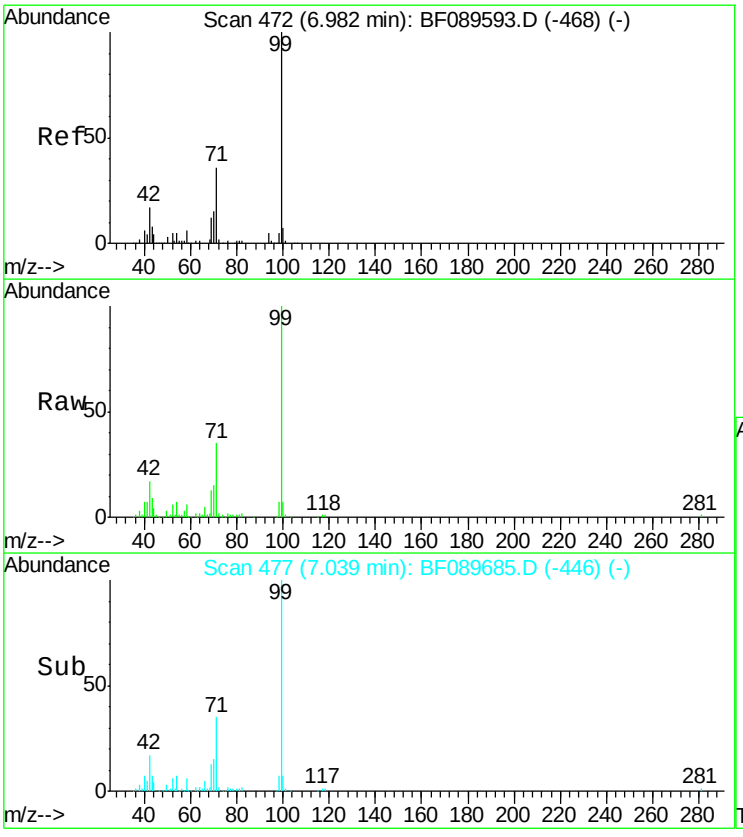
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	62.4
63	32.6

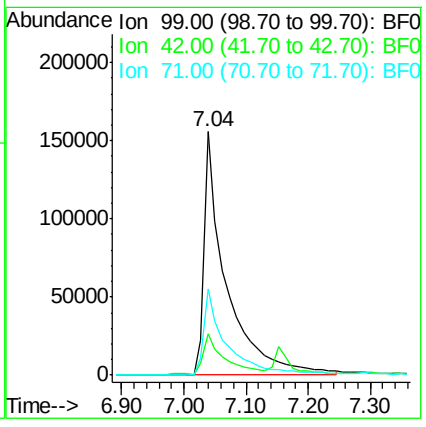


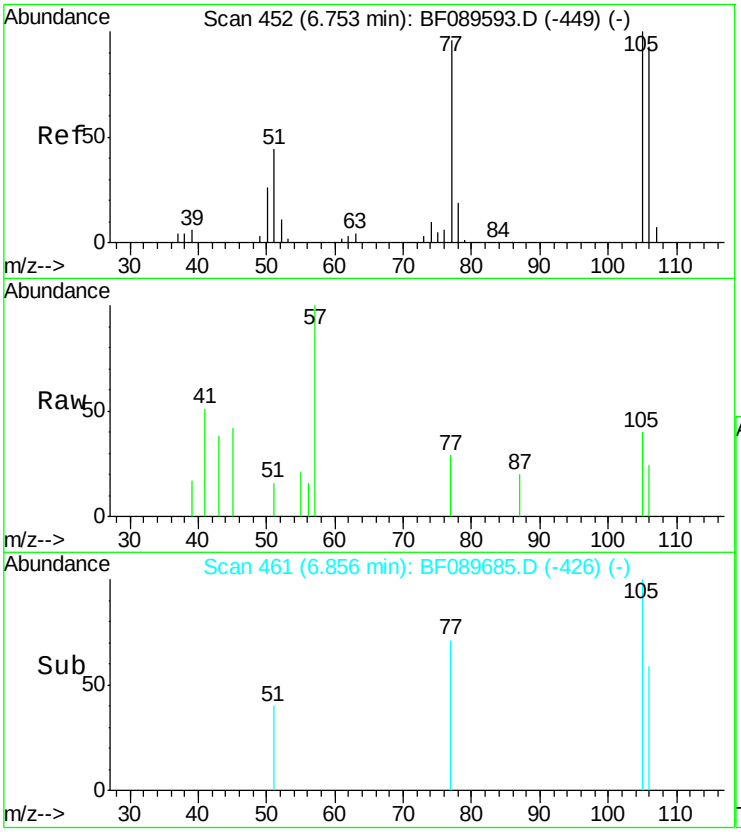


#7
Phenol-d6
Concen: 100.15 ng
RT: 7.04 min Scan# 477
Delta R.T. 0.06 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion: 99 Resp: 385793

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.7	20.5
71	35.5	29.0	43.4



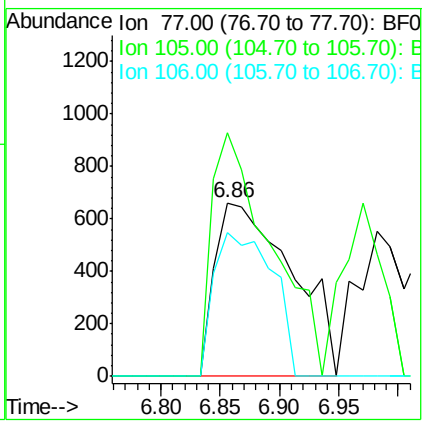


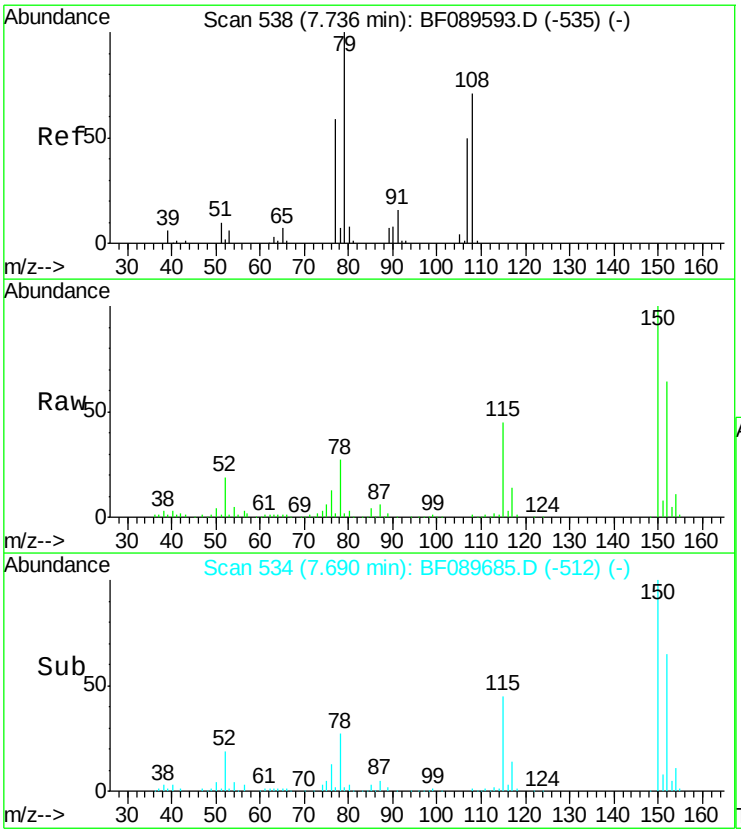
#9
Benzaldehyde
Concen: 2.13 ng
RT: 6.86 min Scan# 461
Delta R.T. 0.10 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion: 77 Resp: 2974

Ion	Ratio	Lower	Upper
77	100		
105	140.2	84.7	124.7#
106	82.9	77.1	117.1

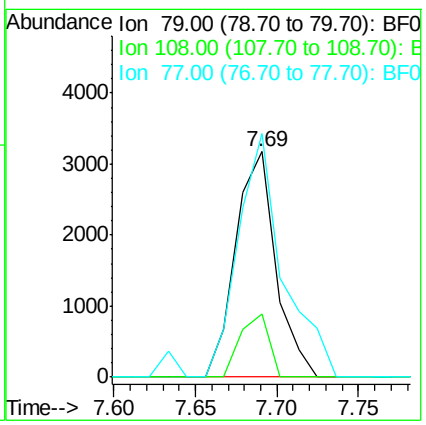


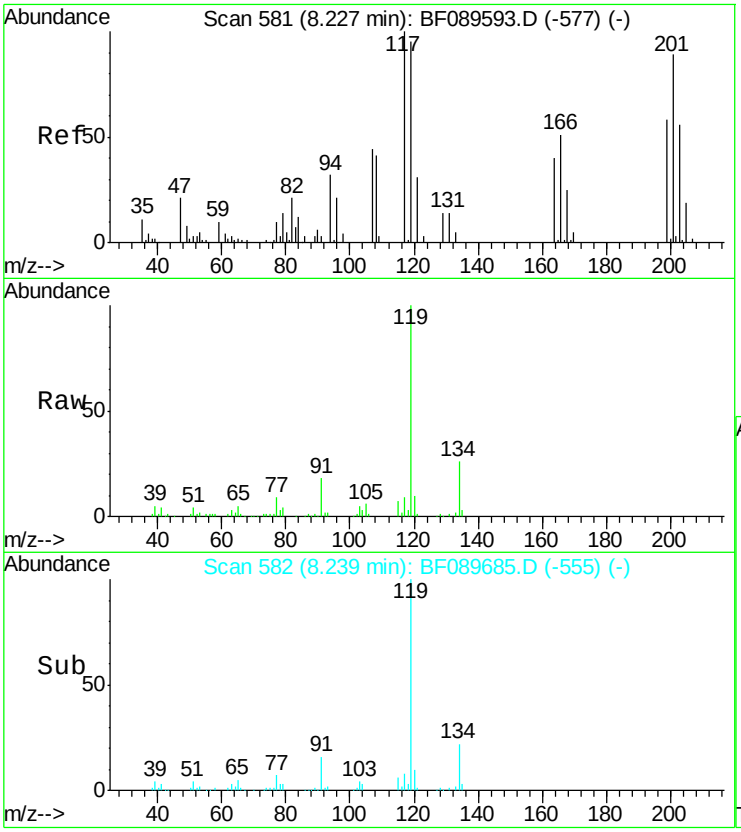


#15
Benzyl Alcohol
Concen: 2.14 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.05 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion: 79 Resp: 5409

Ion	Ratio	Lower	Upper
79	100		
108	28.0	58.3	87.5#
77	107.9	48.7	73.1#



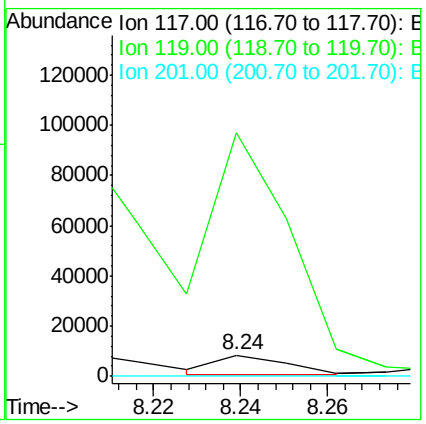


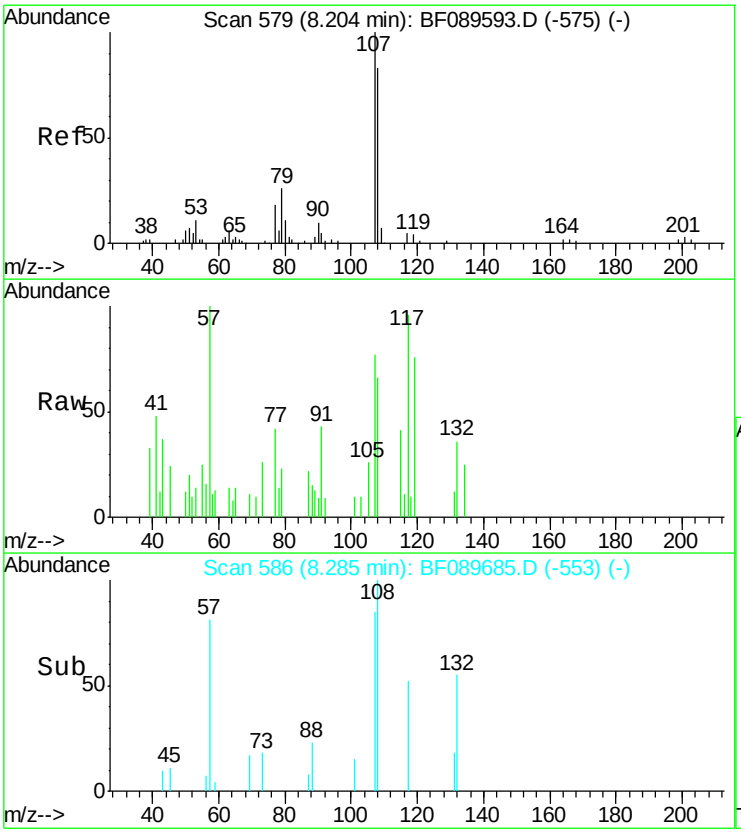
#18
Hexachloroethane
Concen: 5.80 ng
RT: 8.24 min Scan# 582
Delta R.T. 0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:117 Resp: 9227

Ion	Ratio	Lower	Upper
117	100		
119	1156.7	75.7	113.5#
201	0.0	71.6	107.4#

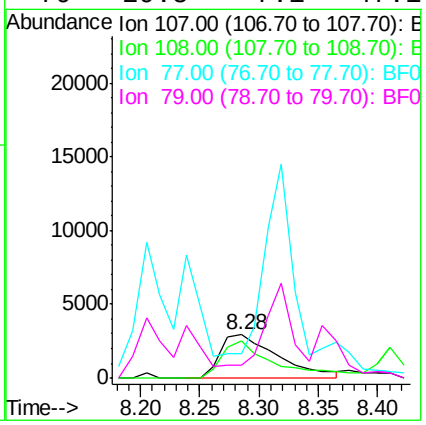


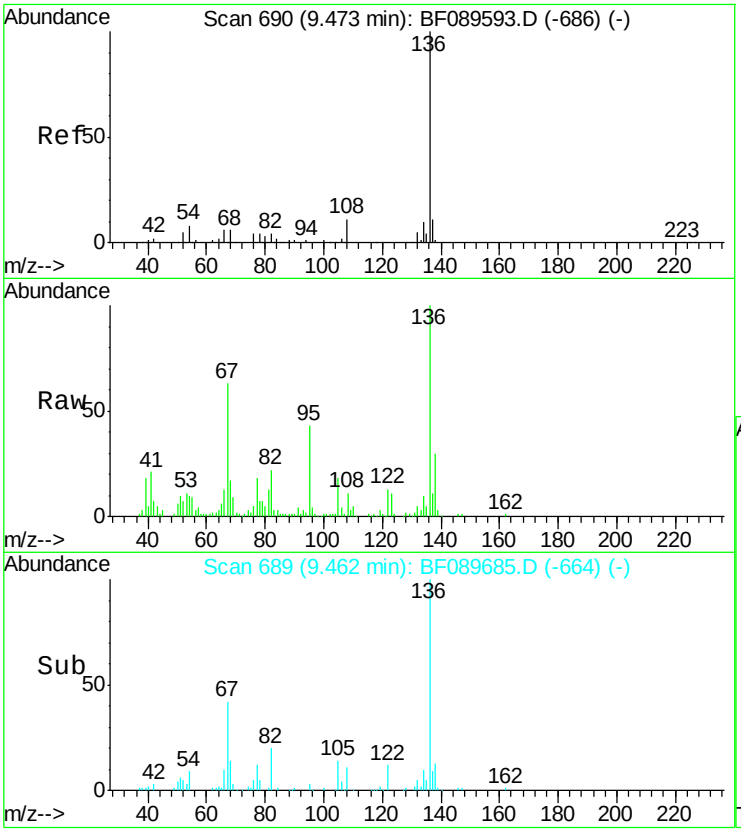


#20
3+4-Methylphenols
Concen: 3.13 ng
RT: 8.28 min Scan# 586
Delta R.T. 0.08 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion:107 Resp: 9950

Ion	Ratio	Lower	Upper
107	100		
108	85.4	63.8	103.8
77	54.9	19.5	59.5
79	29.5	7.1	47.1



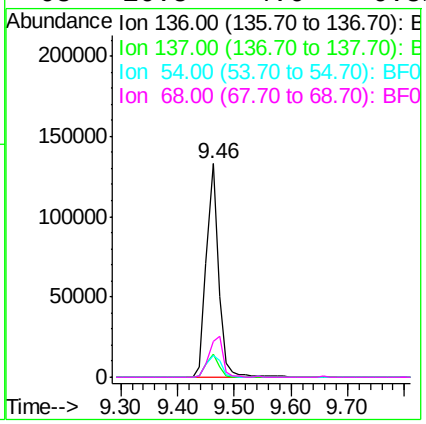


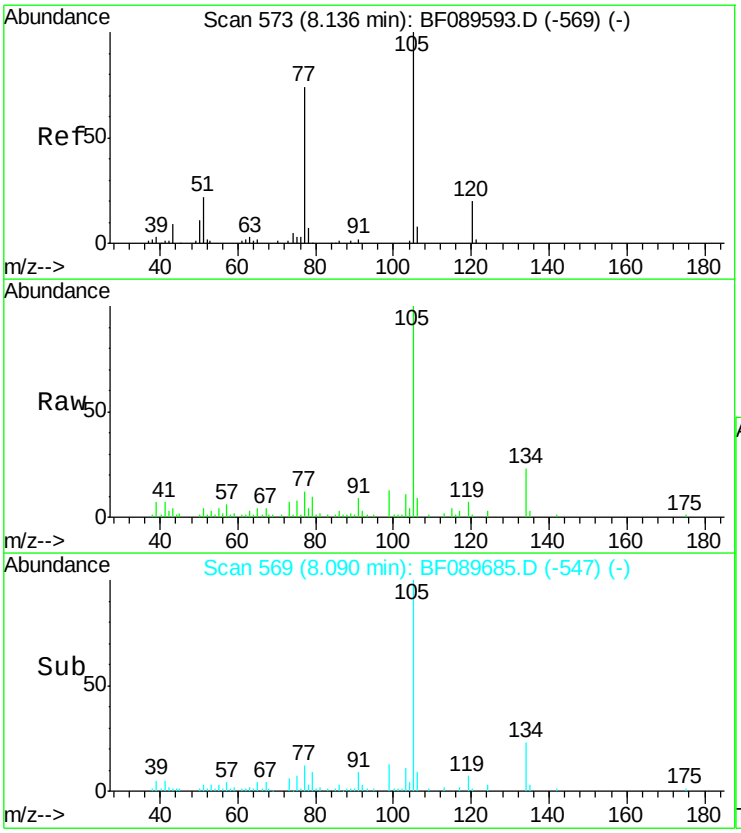
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:136 Resp: 193146

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	10.4	6.0	9.0#
68	16.5	4.6	6.8#

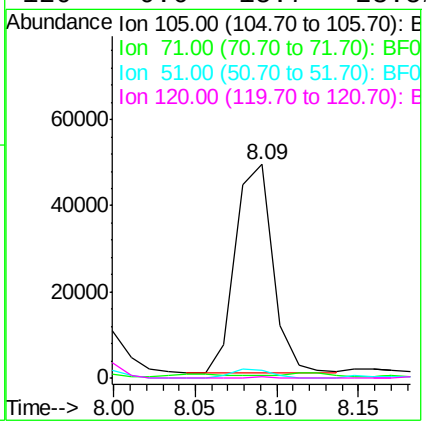


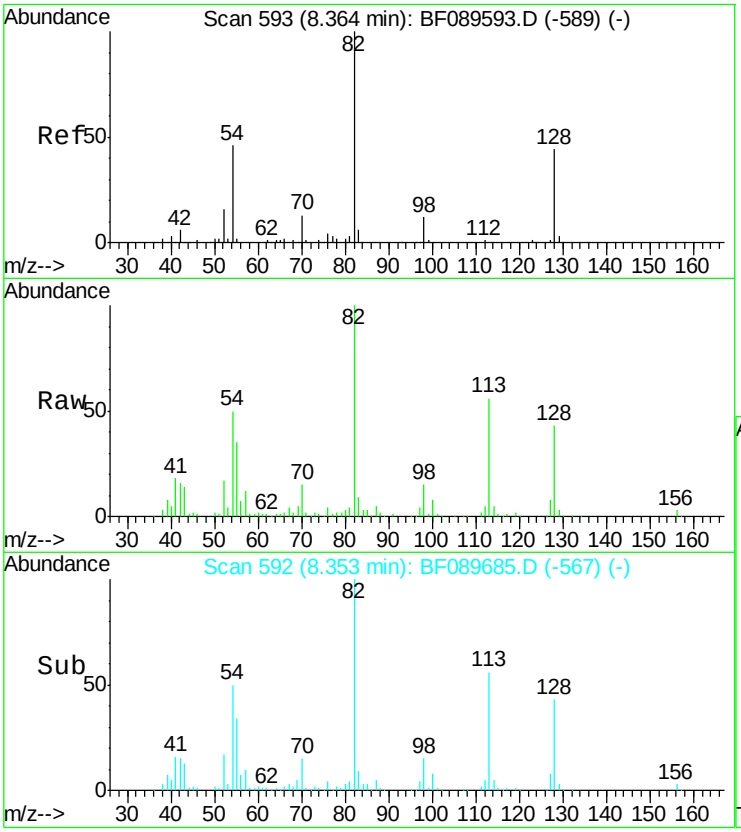


#22
Acetophenone
Concen: 16.81 ng
RT: 8.09 min Scan# 569
Delta R.T. -0.05 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion:105 Resp: 77418

Ion	Ratio	Lower	Upper
105	100		
71	1.0	0.0	0.0#
51	3.9	18.2	27.2#
120	0.6	15.7	23.5#



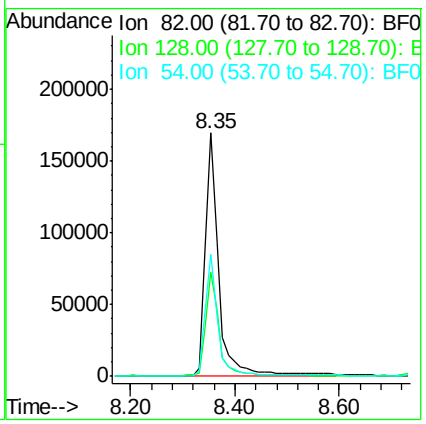


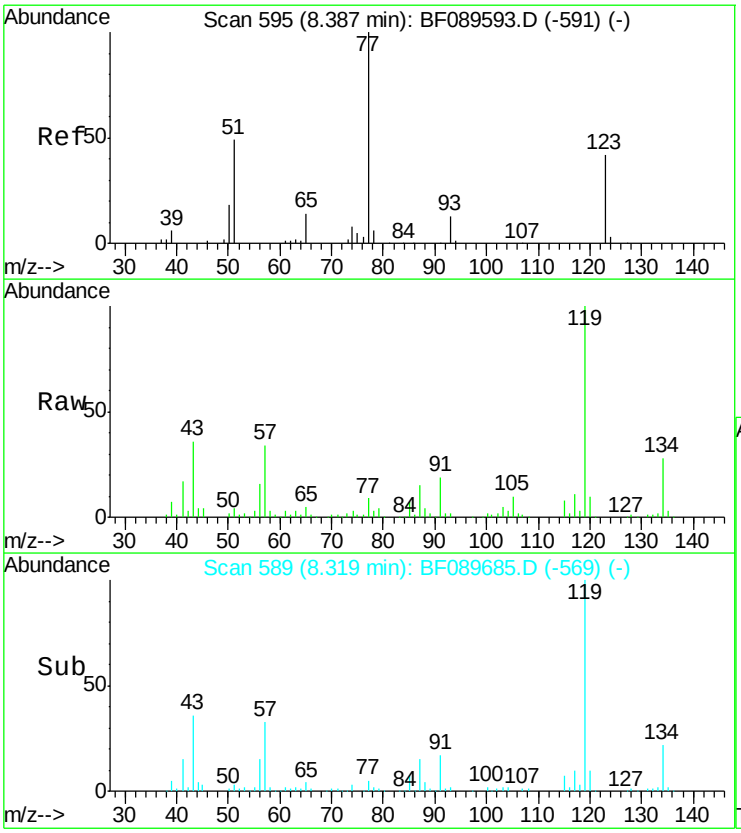
#23
Nitrobenzene-d5
Concen: 87.73 ng
RT: 8.35 min Scan# 592
Delta R.T. -0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion: 82 Resp: 306362

Ion	Ratio	Lower	Upper
82	100		
128	42.9	35.4	53.0
54	50.2	36.4	54.6

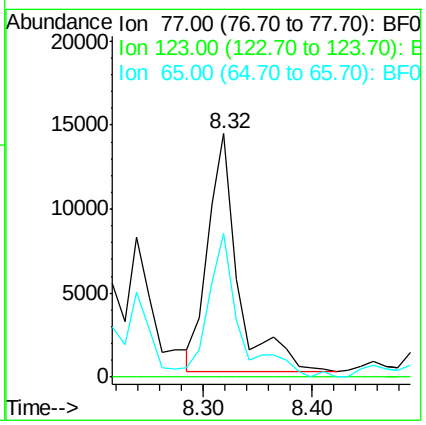


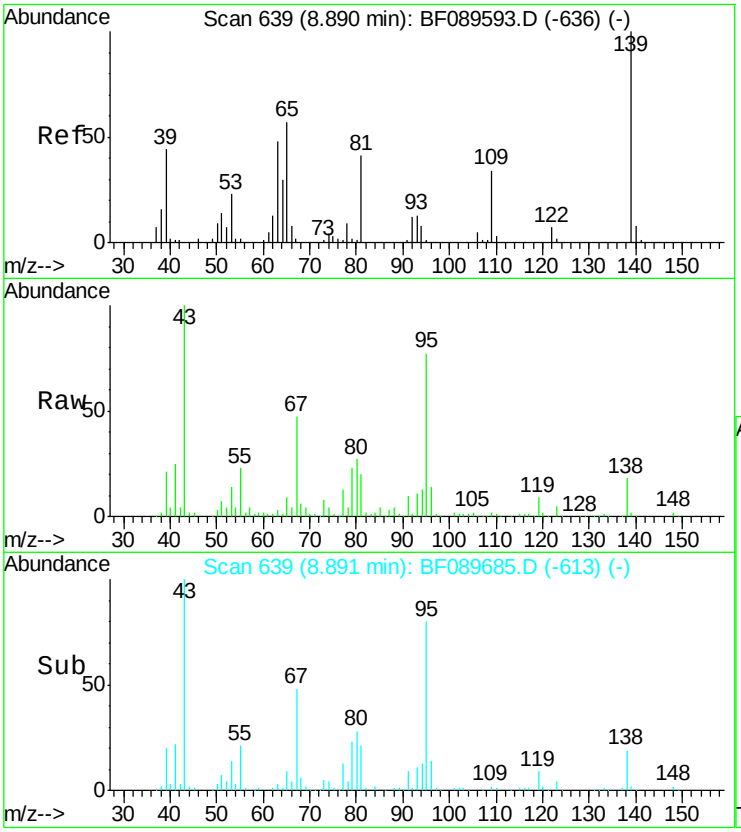


#24
Nitrobenzene
Concen: 8.16 ng
RT: 8.32 min Scan# 589
Delta R.T. -0.07 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion: 77 Resp: 27080

Ion	Ratio	Lower	Upper
77	100		
123	0.0	32.6	49.0#
65	58.9	11.0	16.6#



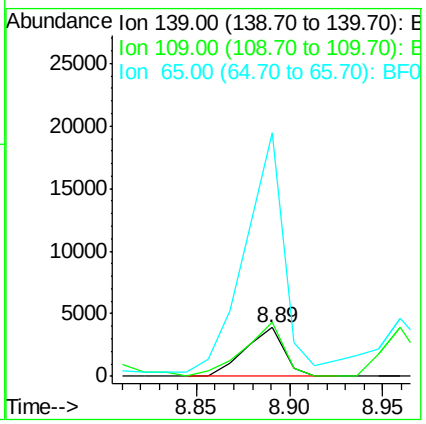


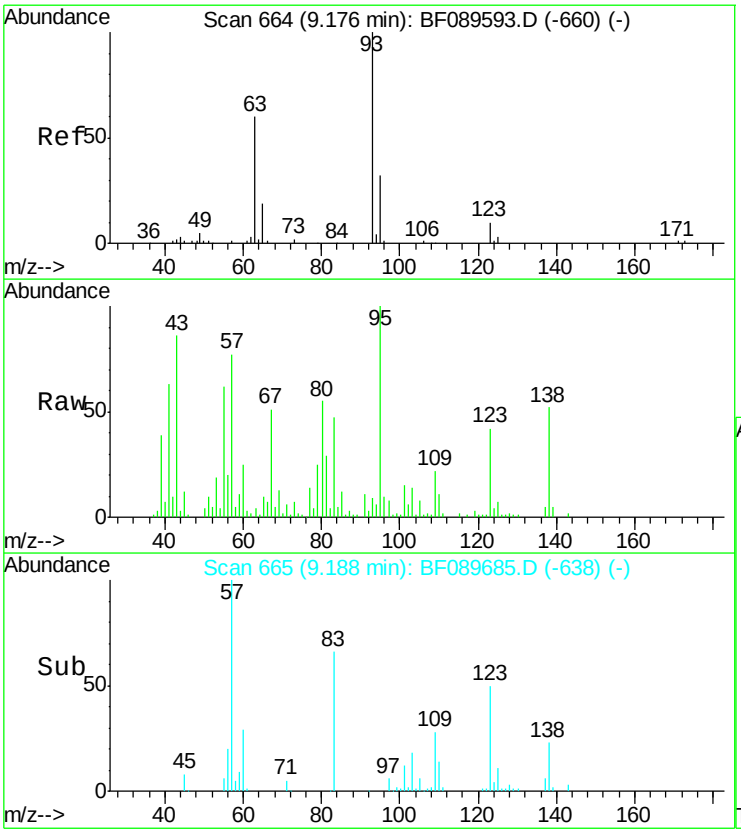
#26
2-Nitrophenol
Concen: 3.72 ng
RT: 8.89 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:139 Resp: 5656

Ion	Ratio	Lower	Upper
139	100		
109	110.3	27.5	41.3#
65	500.3	45.7	68.5#

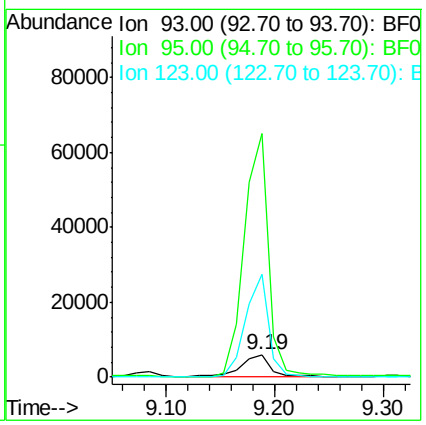


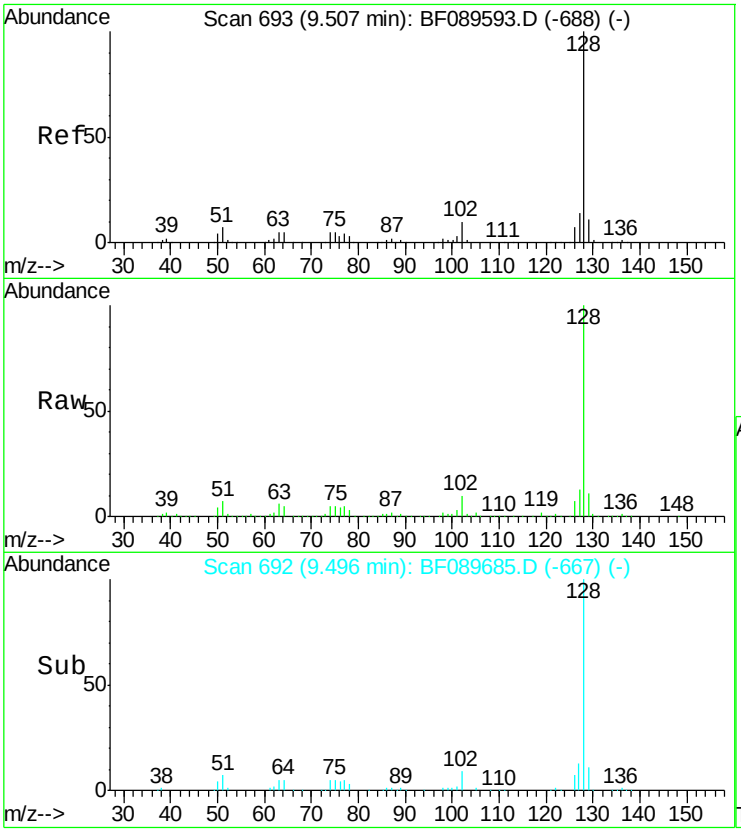


#28
bis(2-Chloroethoxy)methane
Concen: 3.00 ng
RT: 9.19 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion: 93 Resp: 12123

Ion	Ratio	Lower	Upper
93	100		
95	1077.9	25.8	38.8#
123	455.8	8.0	12.0#



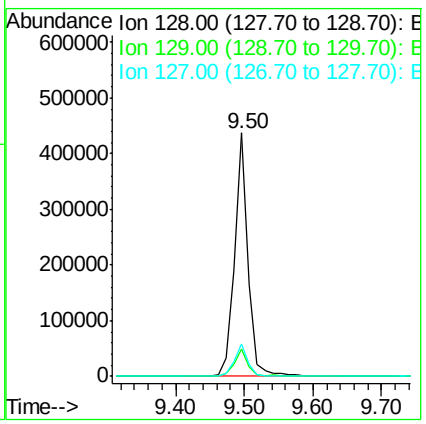


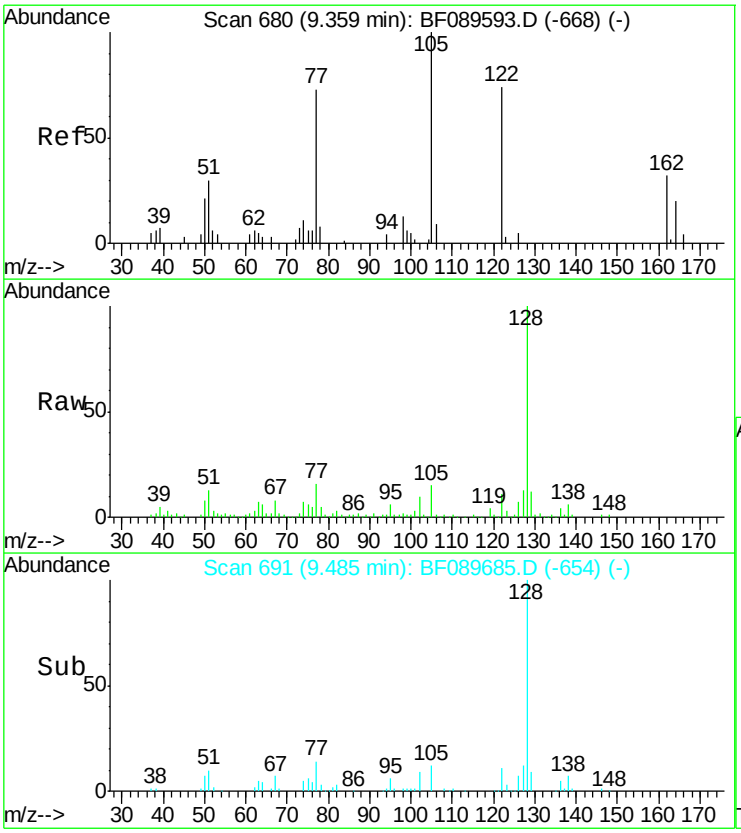
#31
Naphthalene
Concen: 59.02 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:128 Resp: 605868

Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.7	13.1
127	13.2	10.9	16.3

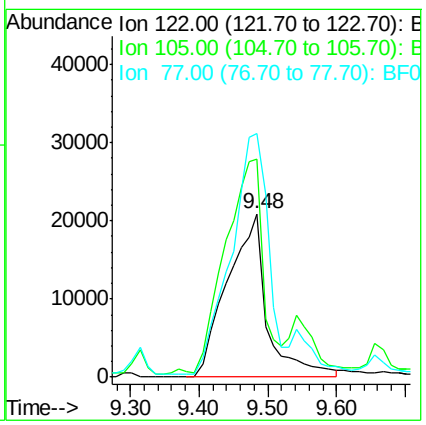


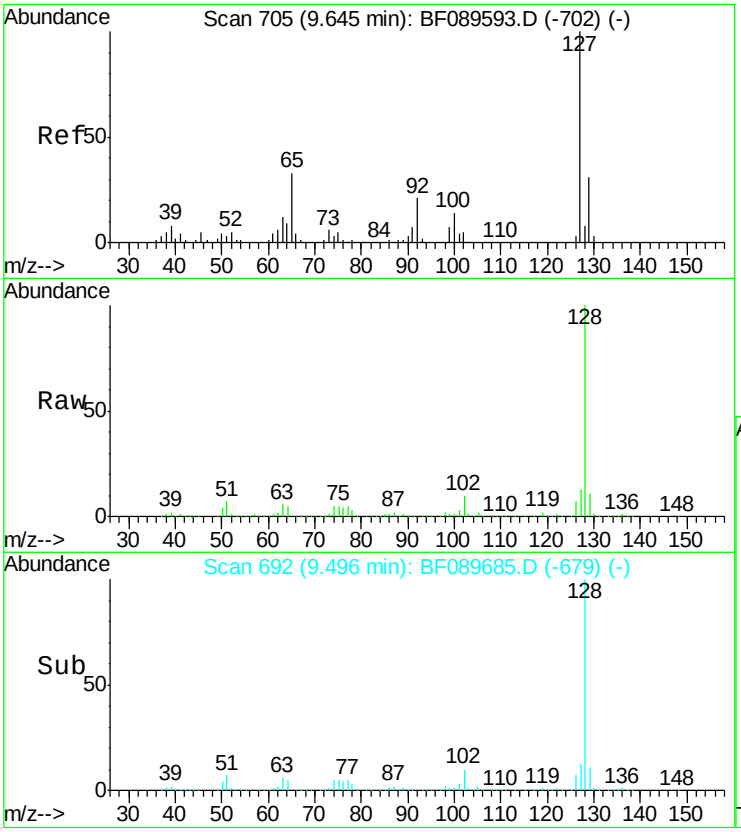


#32
Benzoic acid
Concen: 49.03 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.13 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion:122 Resp: 84299

Ion	Ratio	Lower	Upper
122	100		
105	133.6	109.9	149.9
77	149.0	77.5	117.5#



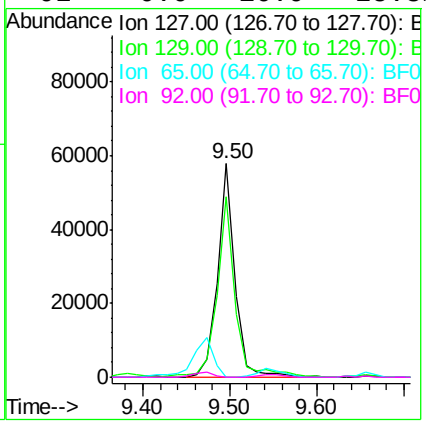


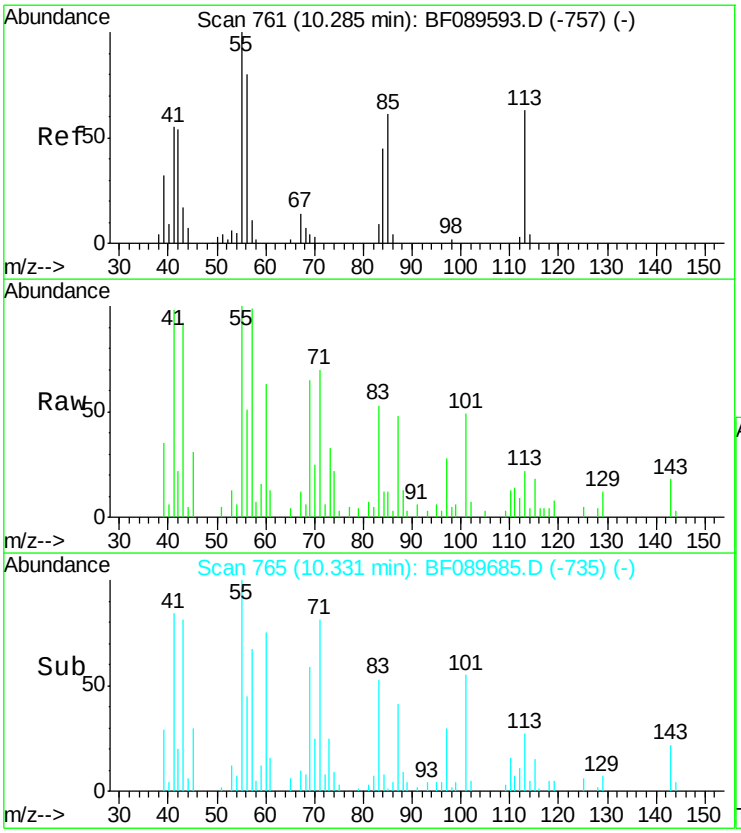
#33
4-Chloroaniline
Concen: 21.05 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.15 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:127 Resp: 81165

Ion	Ratio	Lower	Upper
127	100		
129	84.8	25.1	37.7#
65	0.0	26.2	39.2#
92	0.0	16.9	25.3#

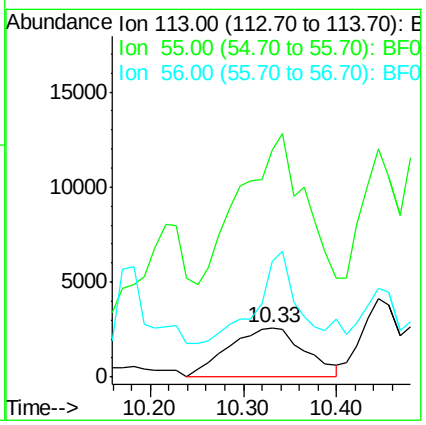


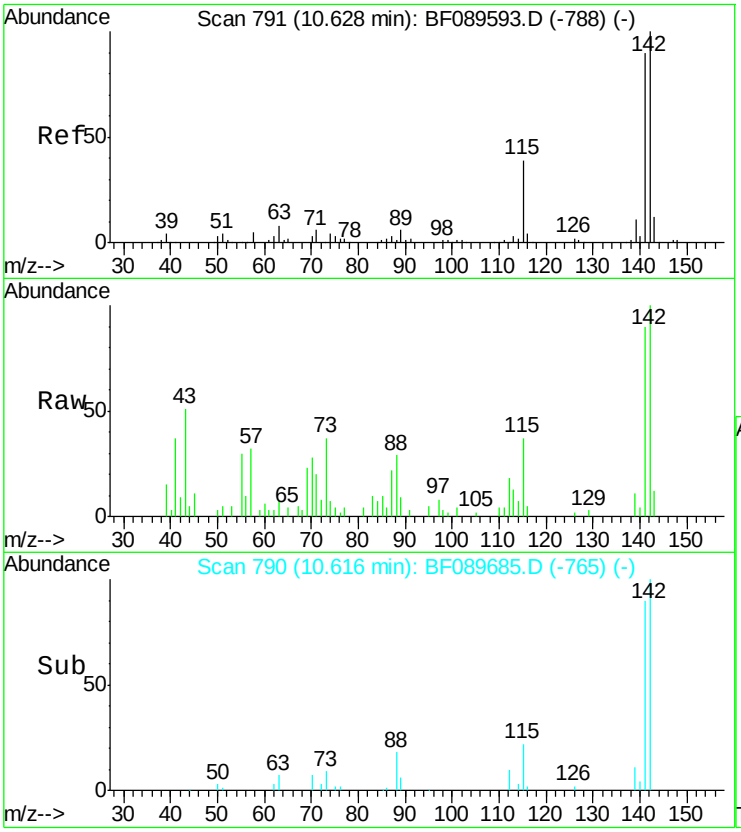


#35
Caprolactam
Concen: 19.43 ng
RT: 10.33 min Scan# 765
Delta R.T. 0.05 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion:113 Resp: 14662

Ion	Ratio	Lower	Upper
113	100		
55	459.3	139.6	179.6#
56	233.1	108.2	148.2#



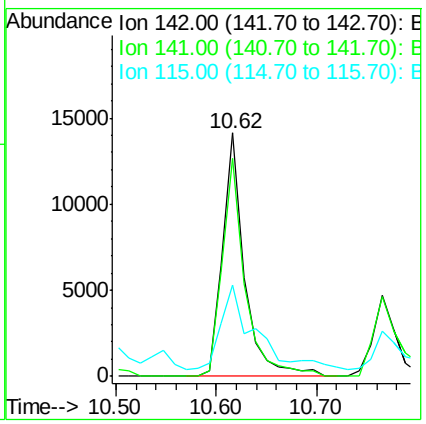


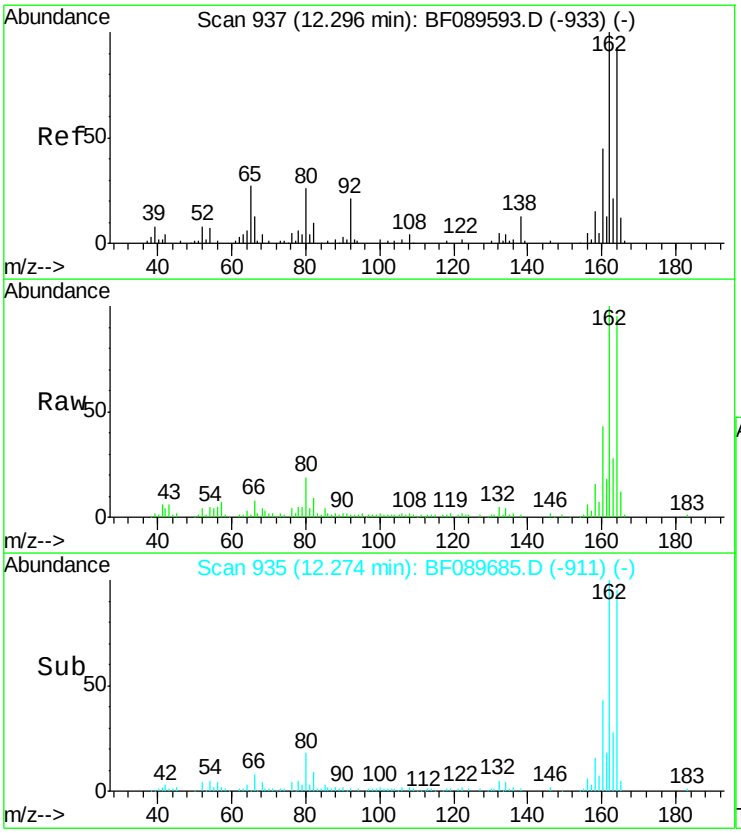
#37
2-Methylnaphthalene
Concen: 3.40 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:142 Resp: 21496

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.8	107.6
115	37.3	31.0	46.4

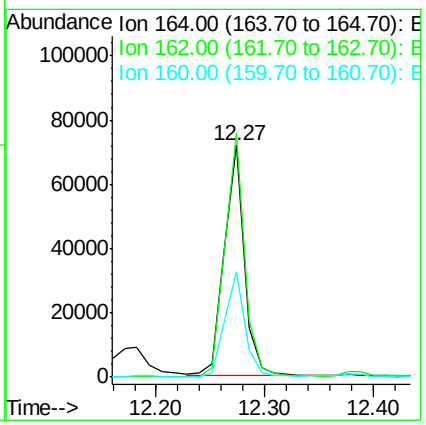


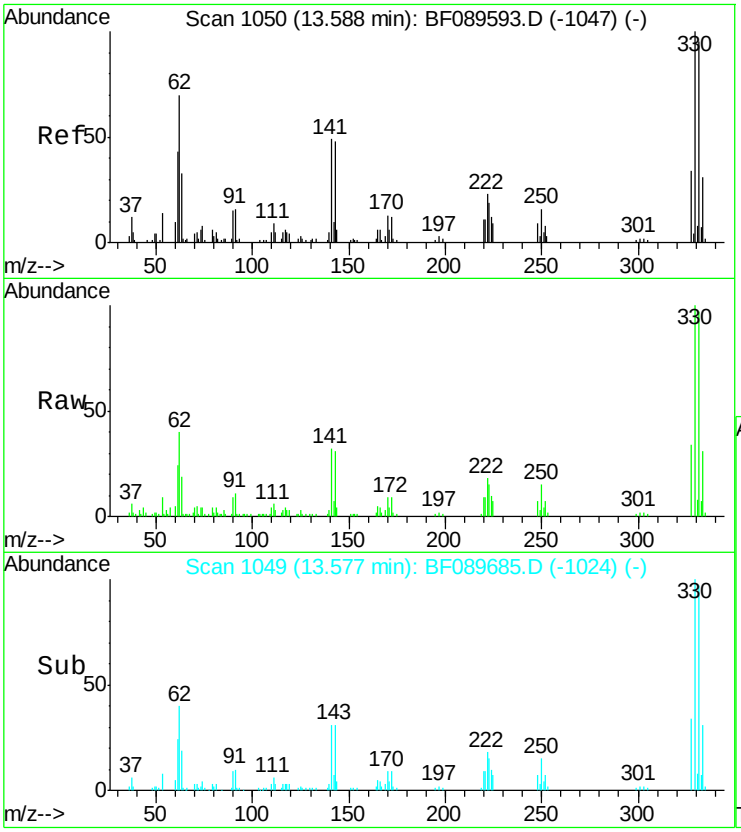


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion:164 Resp: 91038

Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.7	128.5
160	45.3	38.2	57.4



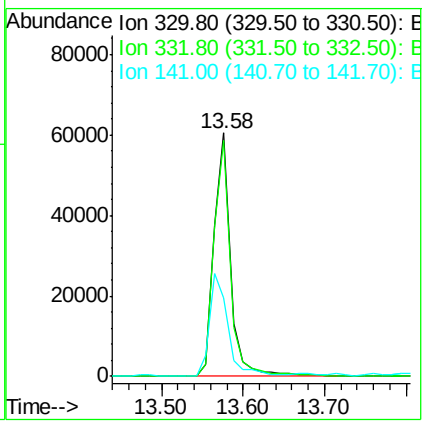


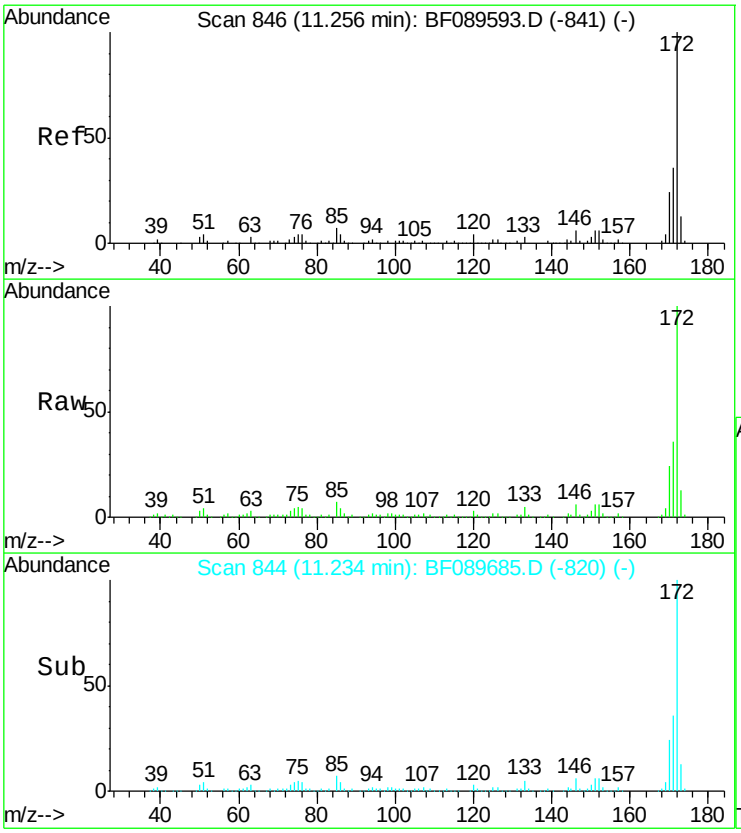
#41
2,4,6-Tribromophenol
Concen: 113.37 ng
RT: 13.58 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:330 Resp: 85170

Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	47.8	38.6	57.8

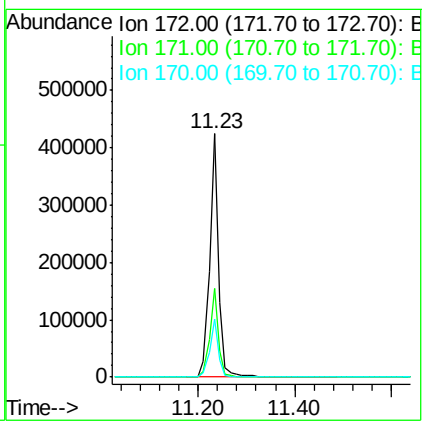


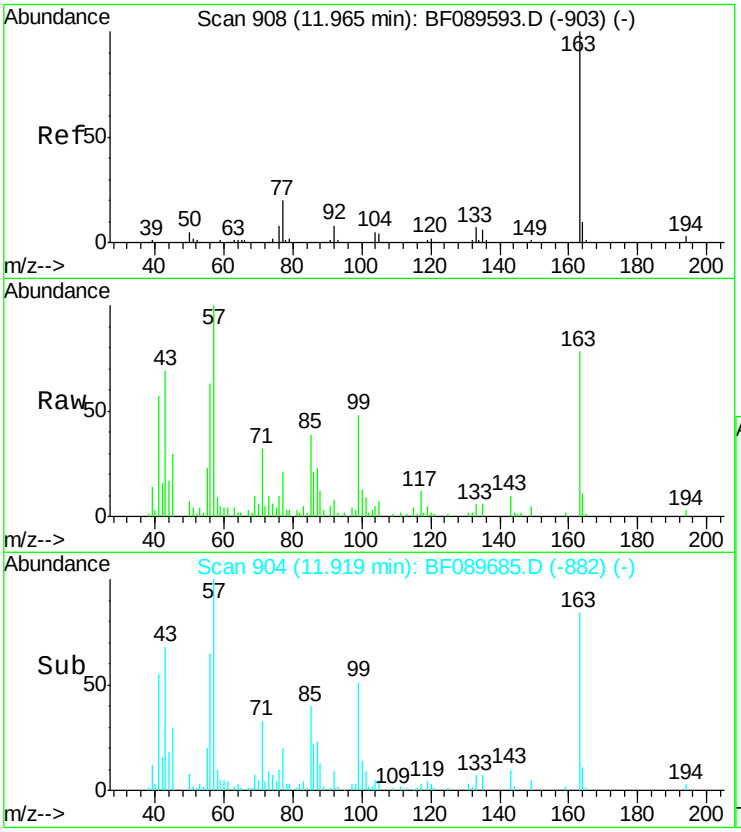


#44
2-Fluorobiphenyl
Concen: 80.08 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion:172 Resp: 560959

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.9	43.3
170	23.8	19.0	28.6



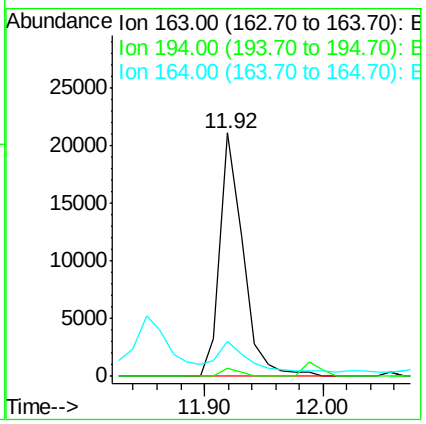


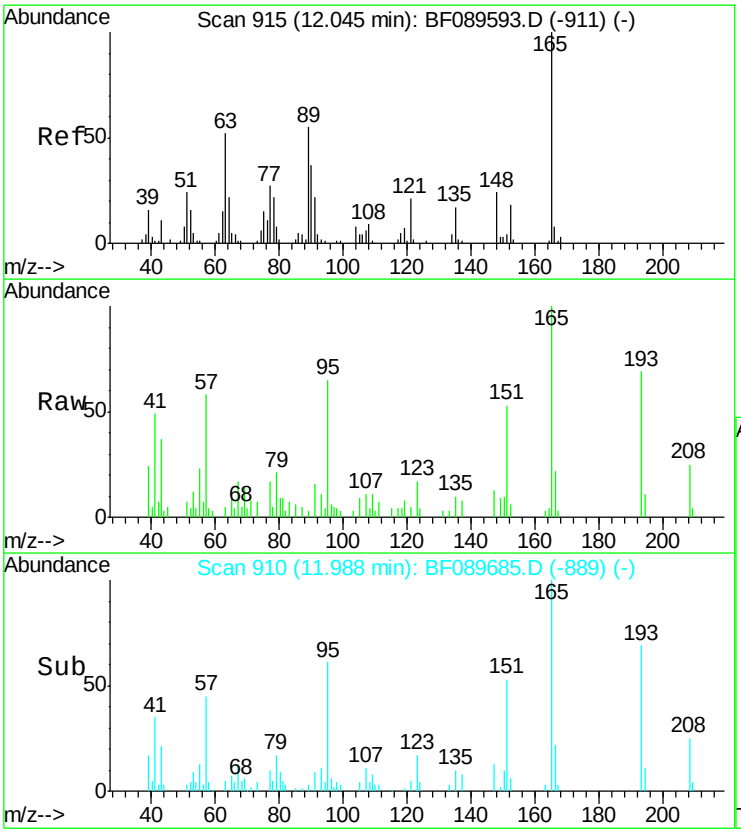
#49
Dimethylphthalate
Concen: 4.01 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:163 Resp: 28586

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.7	4.1
164	14.5	7.8	11.6#

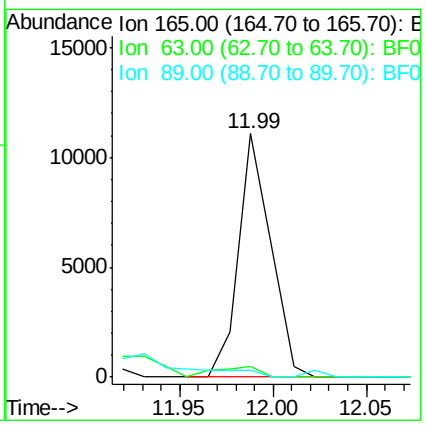


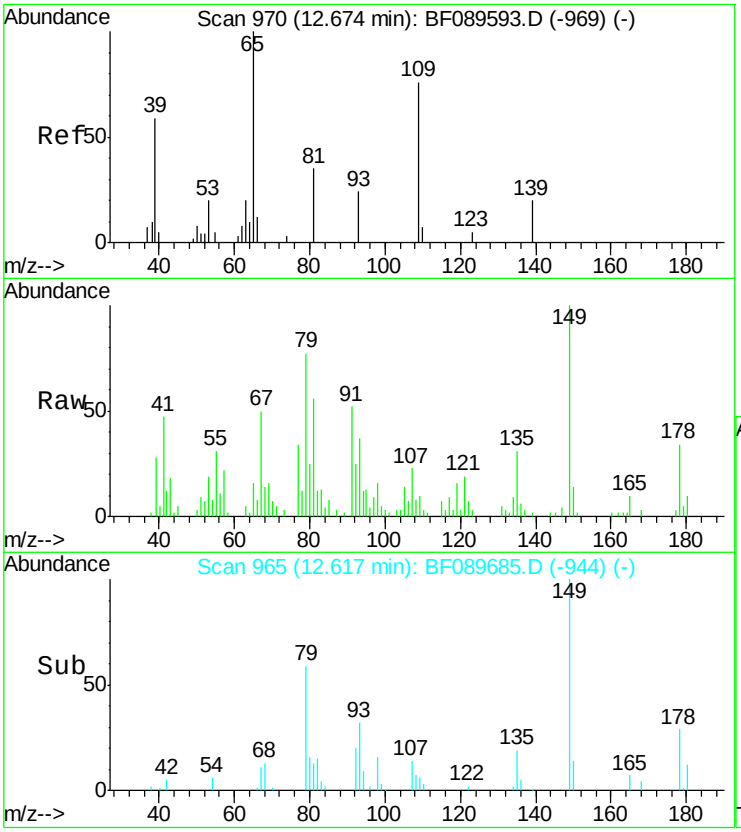


#50
2,6-Dinitrotoluene
Concen: 9.39 ng
RT: 11.99 min Scan# 910
Delta R.T. -0.06 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion:165 Resp: 13325

Ion	Ratio	Lower	Upper
165	100		
63	4.6	44.6	67.0#
89	2.9	44.2	66.2#



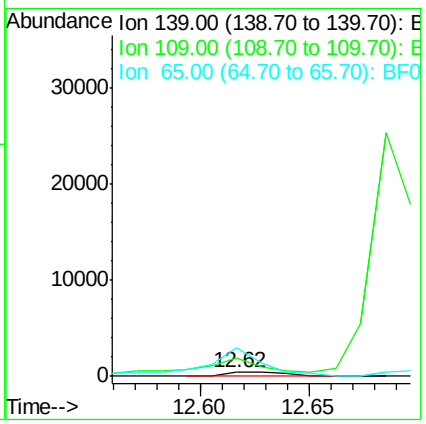


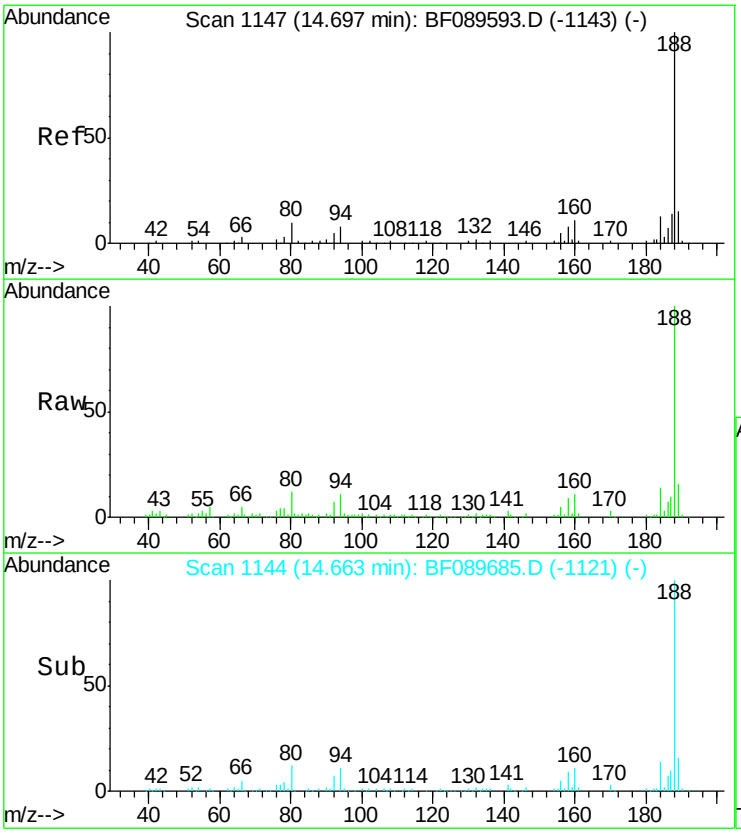
#55
4-Nitrophenol
Concen: 7.30 ng
RT: 12.62 min Scan# 965
Delta R.T. -0.06 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:139 Resp: 775

Ion	Ratio	Lower	Upper
139	100		
109	452.4	28.9	68.9#
65	717.4	49.2	89.2#

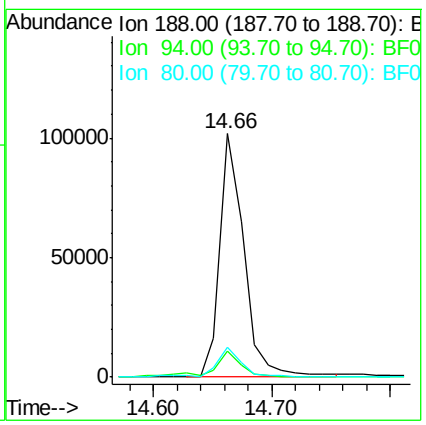


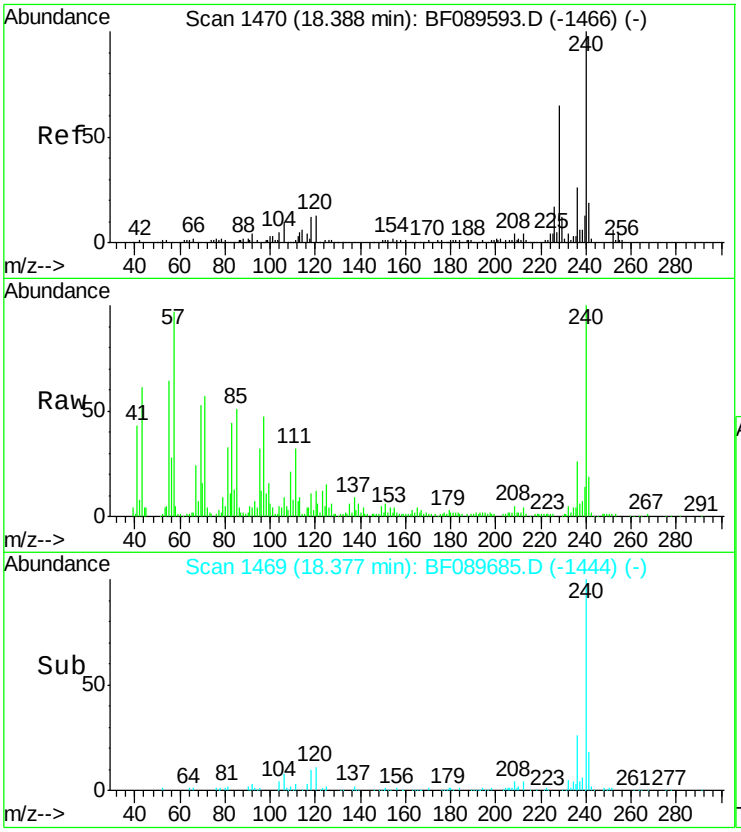


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion:188 Resp: 143454

Ion	Ratio	Lower	Upper
188	100		
94	10.9	6.5	9.7#
80	12.5	8.0	12.0#



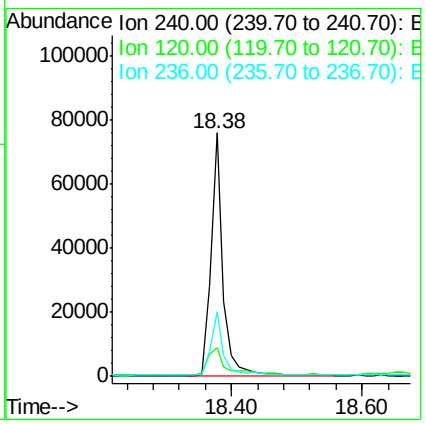


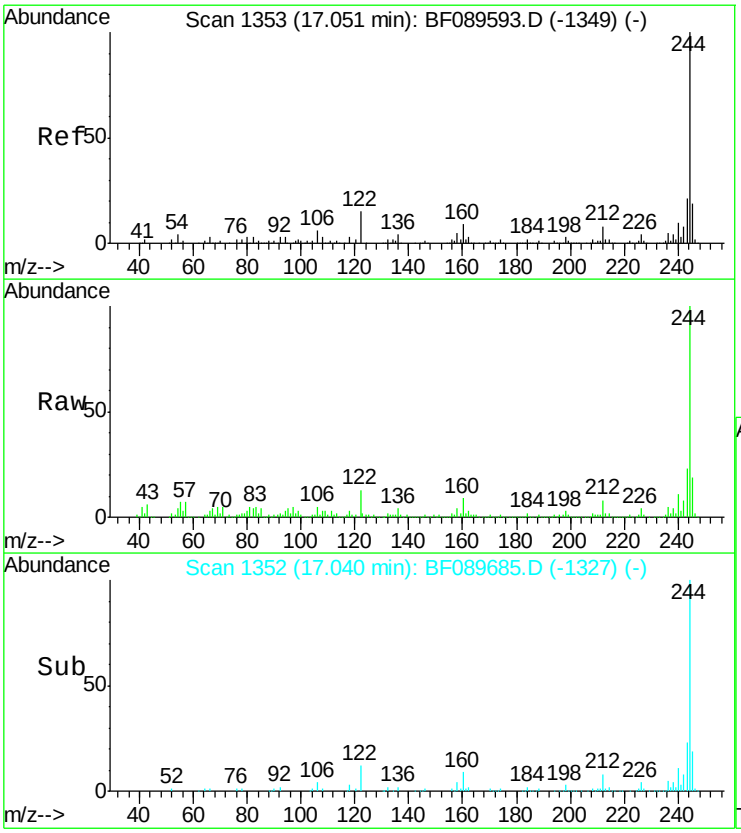
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.38 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:240 Resp: 100304

Ion	Ratio	Lower	Upper
240	100		
120	11.9	10.6	15.8
236	26.3	20.6	30.8

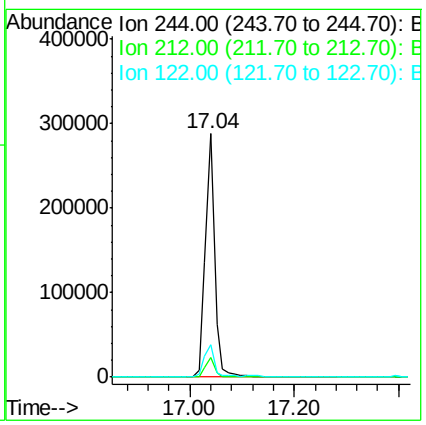


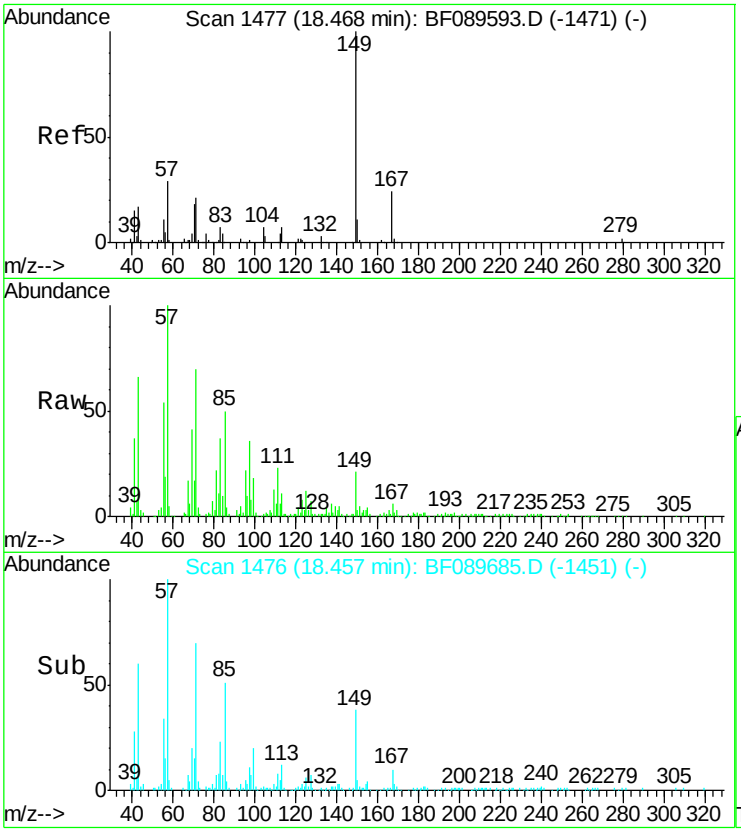


#78
Terphenyl-d14
Concen: 70.95 ng
RT: 17.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion:244 Resp: 360470

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	13.2	12.2	18.2



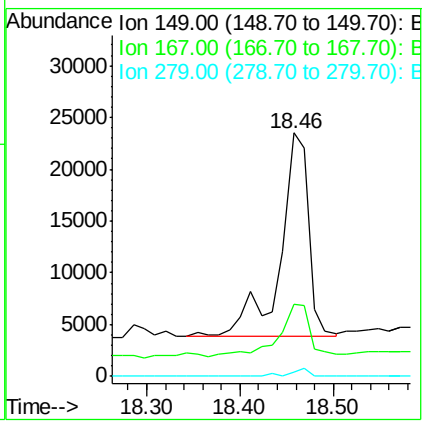


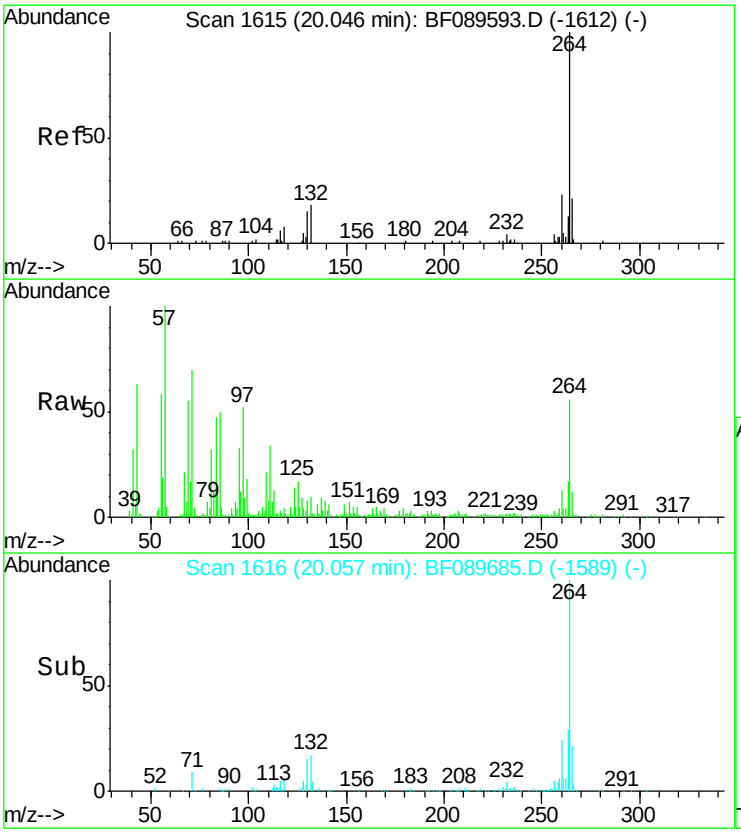
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.16 ng
RT: 18.46 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Instrument :
BNA_F
ClientSampleId :
WC-DECONFLUID-13

Tgt Ion:149 Resp: 42610

Ion	Ratio	Lower	Upper
149	100		
167	29.4	19.0	28.4#
279	1.6	1.8	2.6#





#86
Perylene-d12
Concen: 20.00 ng
RT: 20.06 min Scan# 1616
Delta R.T. 0.01 min
Lab File: BF089685.D
Acq: 9 Aug 2016 6:29

Tgt Ion:264 Resp: 71676

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.0	16.5	24.7