Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071416\
Data File : BF089011.D
Acq On : 15 Jul 2016 3:50
Operator : UM/SJ
Sample : H3972-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SS-SS02(0-2in)

Quant Time: Jul 15 04:19:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	45461	20.00	ng		-0.02
21) Naphthalene-d8	7.98	136	186521	20.00	ng		-0.02
38) Acenaphthene-d10	9.72	164	75790	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	138041	20.00	ng		-0.02
75) Chrysene-d12	13.83	240	85138	20.00	ng		-0.02
86) Perylene-d12	15.21	264	70669	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	320263	105.58	ng		0.00
7) Phenol-d6	6.35	99	424385	108.28	ng		0.00
23) Nitrobenzene-d5	7.26	82	240335	67.52	ng		-0.02
41) 2,4,6-Tribromophenol	10.51	330	66524	94.52	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	354339	73.85	ng		-0.02
78) Terphenyl-d14	12.79	244	286375	74.92	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	33015	12.54	ng	#	75
25) Isophorone	7.26	82	192424	29.19	ng	#	65
31) Naphthalene	8.00	128	67719	7.36	ng		99
33) 4-Chloroaniline	8.00	127	8921	2.18	ng	#	35
37) 2-Methylnaphthalene	8.68	142	22686	3.83	ng	#	94
48) Acenaphthylene	9.59	152	241938	30.86	ng		99
49) Dimethylphthalate	9.45	163	87593	16.22	ng		99
51) Acenaphthene	9.75	154	10664	2.22	ng		95
54) Dibenzofuran	9.93	168	18370	2.92	ng	#	88
55) 4-Nitrophenol	9.92	139	6827	5.91	ng	#	12
57) Fluorene	10.26	166	39844	8.22	ng	#	95
66) 4-Bromophenyl-phenylether	10.51	248	5086	3.66	ng	#	1
69) Pentachlorophenol	11.02	266	4570	5.01	ng		99
70) Phenanthrene	11.22	178	225411	29.87	ng		99
71) Anthracene	11.28	178	145215	19.35	ng		97
72) Carbazole	11.43	167	34401	4.87	ng		98
73) Di-n-butylphthalate	11.77	149	36484	4.44	ng	#	96
74) Fluoranthene	12.41	202	437257	57.16	ng		100
77) Pyrene	12.64	202	507592	70.32	ng		99
79) Butylbenzylphthalate	13.26	149	22202	6.90	ng	#	66
80) Benzo(a)anthracene	13.82	228	268878	49.05	ng	#	78
82) Chrysene	13.82	228	268878	49.57	ng	#	83
83) Bis(2-ethylhexyl)phthalate	13.83	149	32313	8.79	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.50	276	167427	40.12	ng	#	100
87) Benzo(b)fluoranthene	14.83	252	426401	96.19	ng	#	95
88) Benzo(k)fluoranthene	14.83	252	426401	110.49	ng		99
89) Benzo(a)pyrene	15.15	252	240948	64.19	ng		98
90) Dibenzo(a,h)anthracene	16.50	278	49714	15.86	ng	#	88
91) Benzo(g,h,i)perylene	16.89	276	162648	50.15	ng		99

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

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Instrument :
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LSS-SS-SS02(0-2in)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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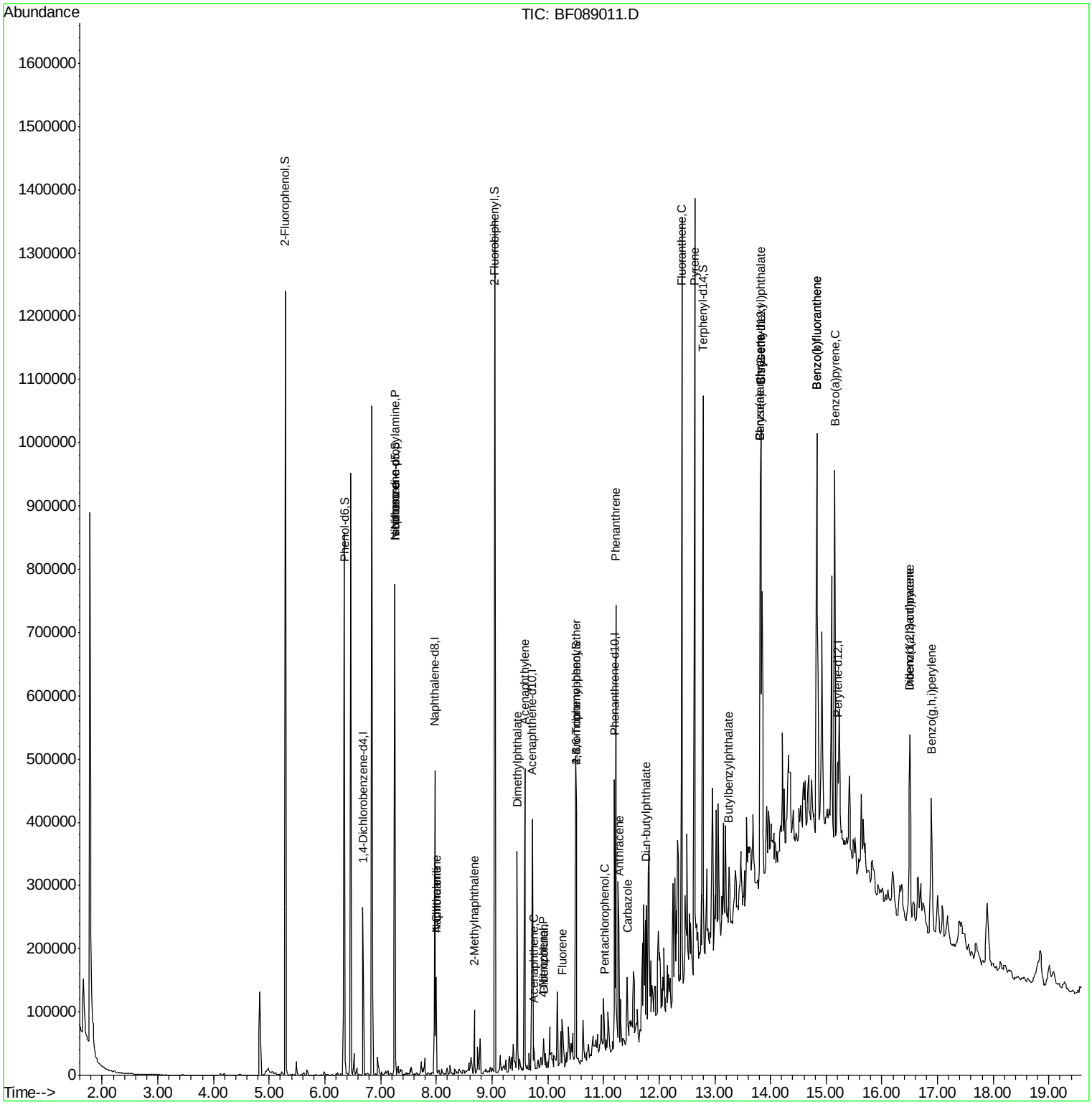
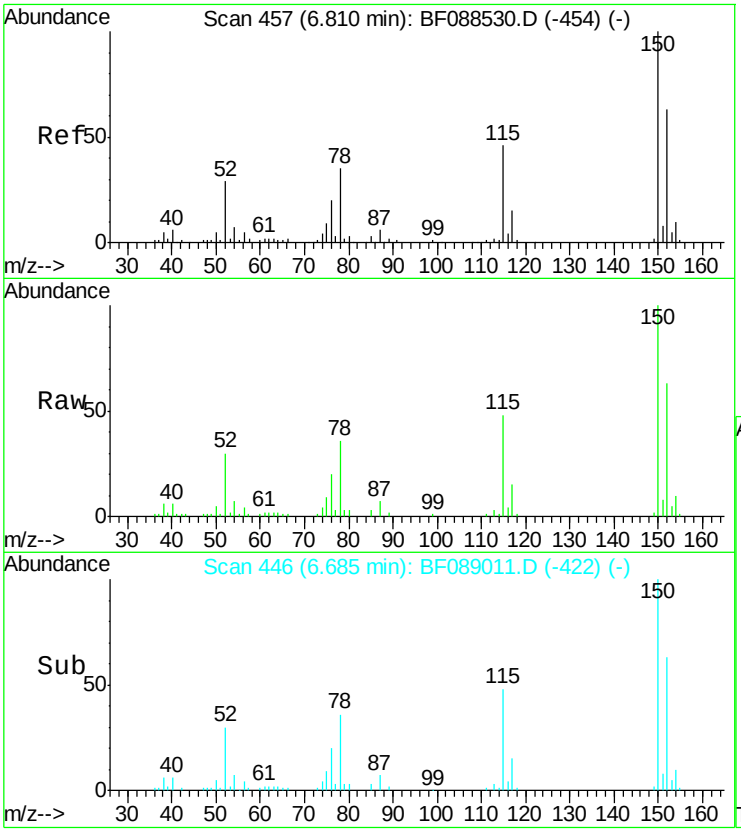


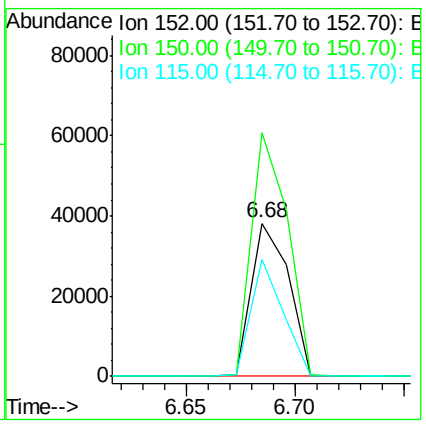


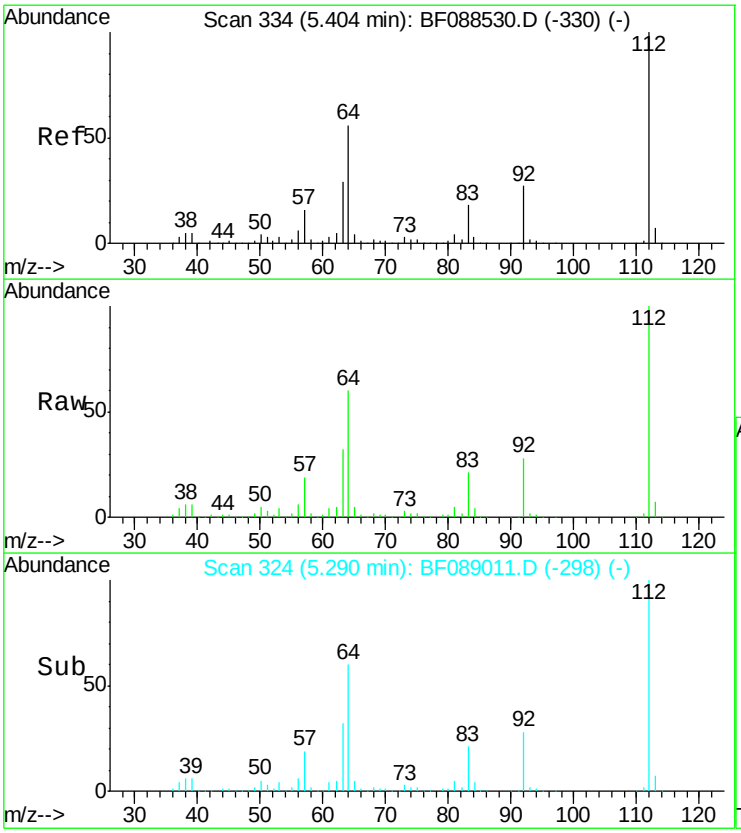
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

Tgt Ion:152 Resp: 45461

Ion	Ratio	Lower	Upper
152	100		
150	159.4	123.8	185.6
115	76.9	39.6	59.4#

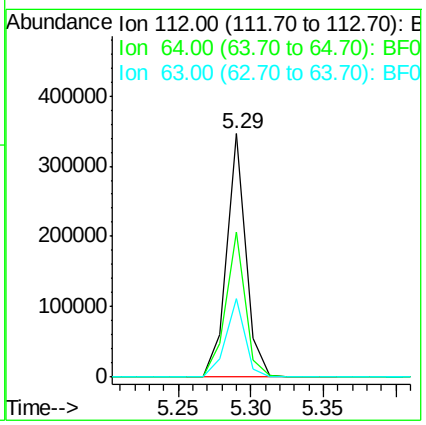


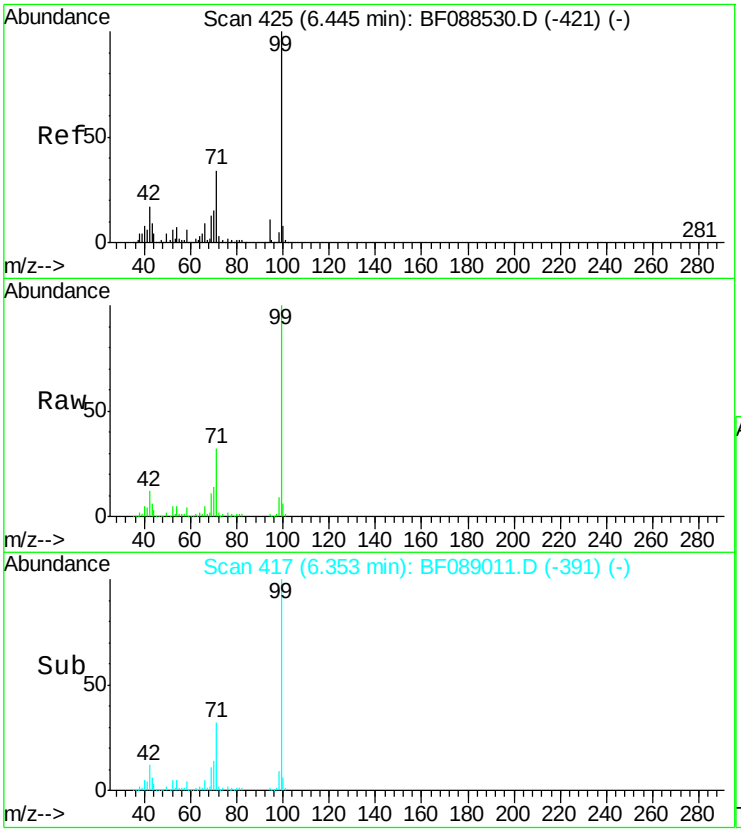


#5
2-Fluorophenol
Concen: 105.58 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Tgt Ion:112 Resp: 320263

Ion	Ratio	Lower	Upper
112	100		
64	59.7	42.2	63.2
63	32.4	21.8	32.8



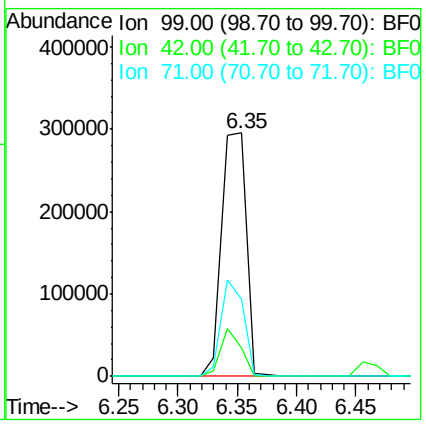


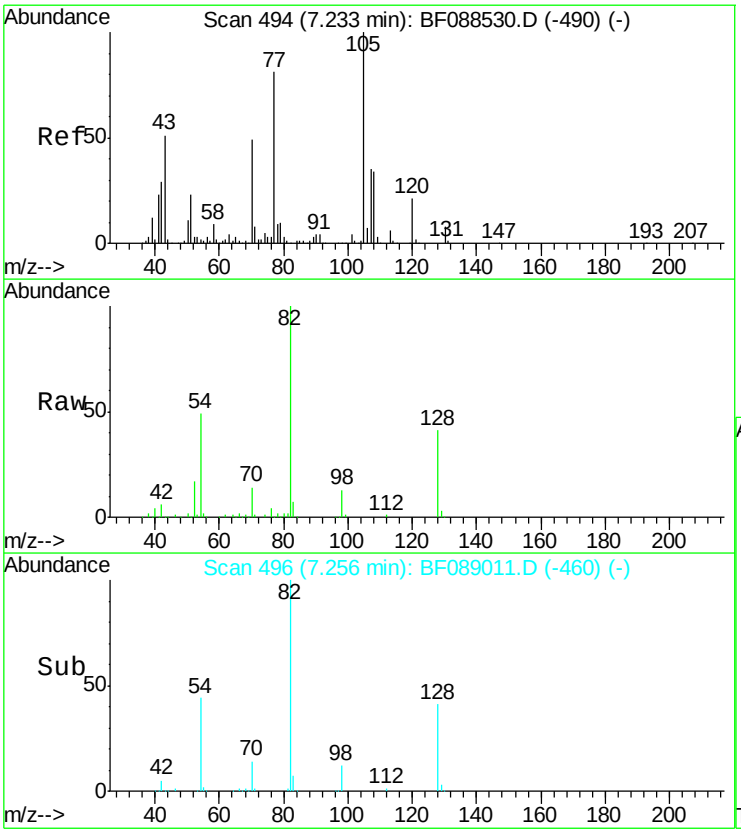
#7
Phenol-d6
Concen: 108.28 ng
RT: 6.35 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

Tgt Ion: 99 Resp: 424385

Ion	Ratio	Lower	Upper
99	100		
42	11.9	12.2	18.2#
71	31.6	23.4	35.0

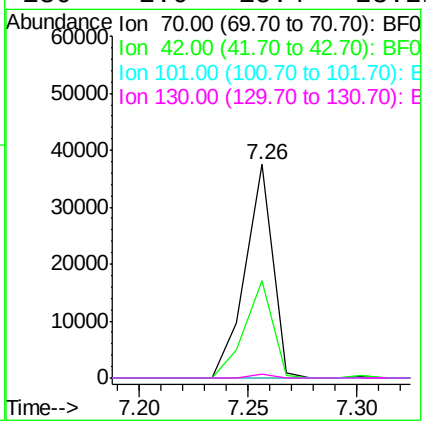


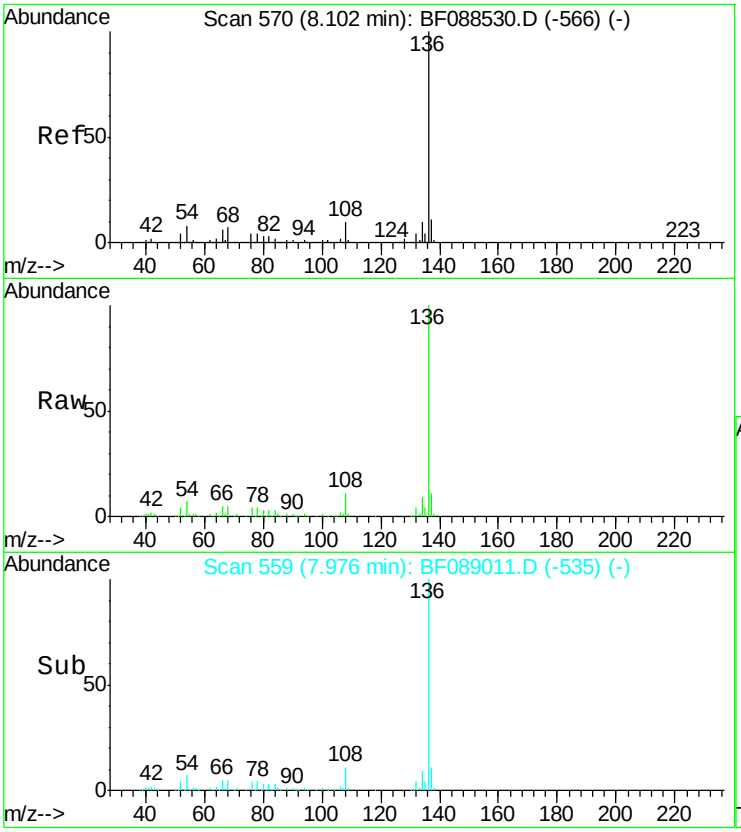


#19
n-Nitroso-di-n-propylamine
Concen: 12.54 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.11 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Tgt Ion: 70 Resp: 33015

Ion	Ratio	Lower	Upper
70	100		
42	45.4	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#



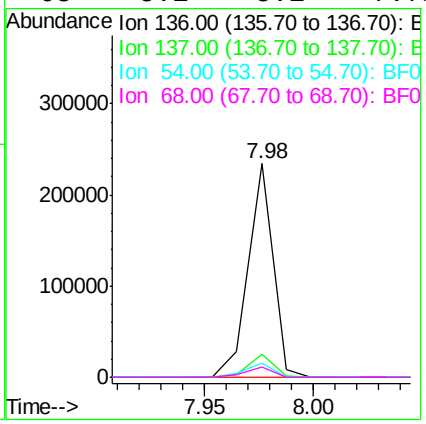


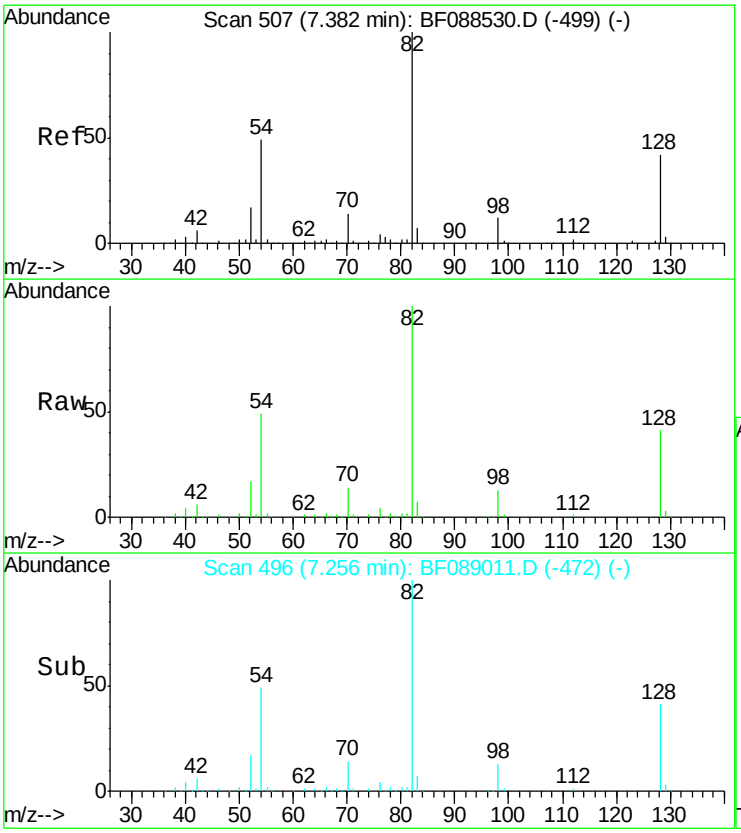
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

Tgt Ion:136 Resp: 186521

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	6.7	6.6	10.0
68	5.1	5.1	7.7#

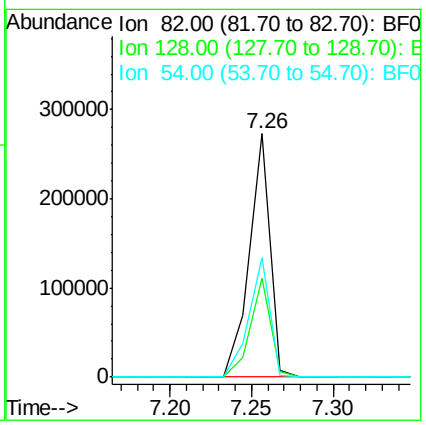


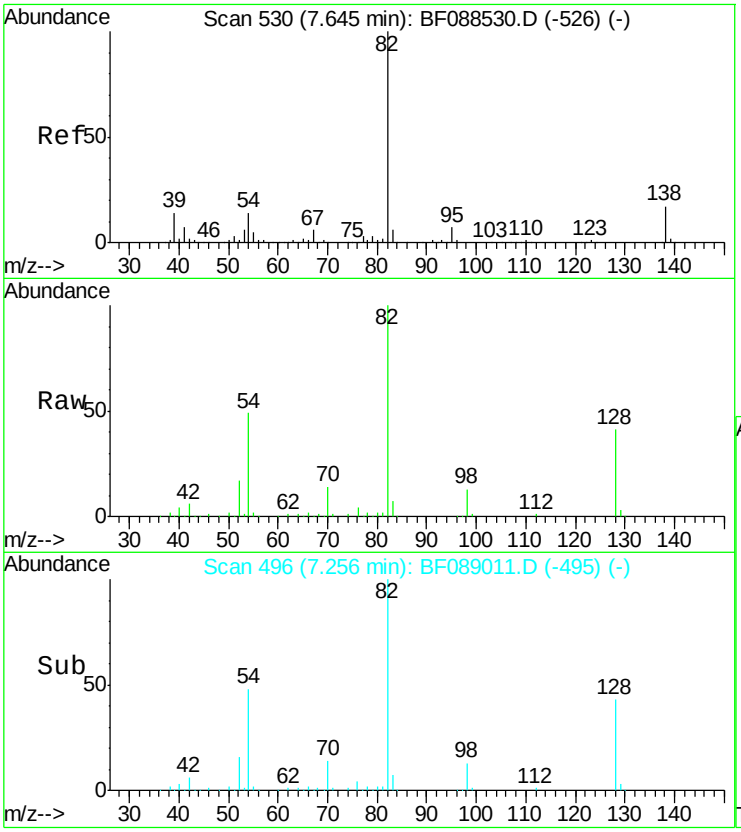


#23
Nitrobenzene-d5
Concen: 67.52 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Tgt Ion: 82 Resp: 240335

Ion	Ratio	Lower	Upper
82	100		
128	40.5	35.9	53.9
54	49.1	40.9	61.3



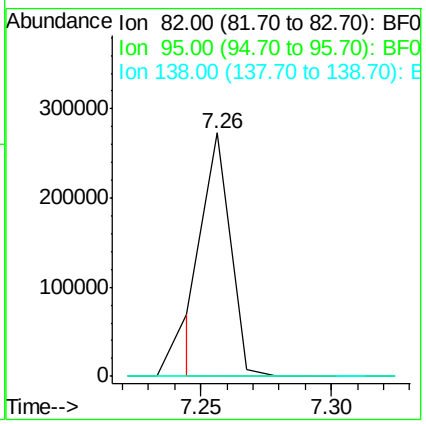


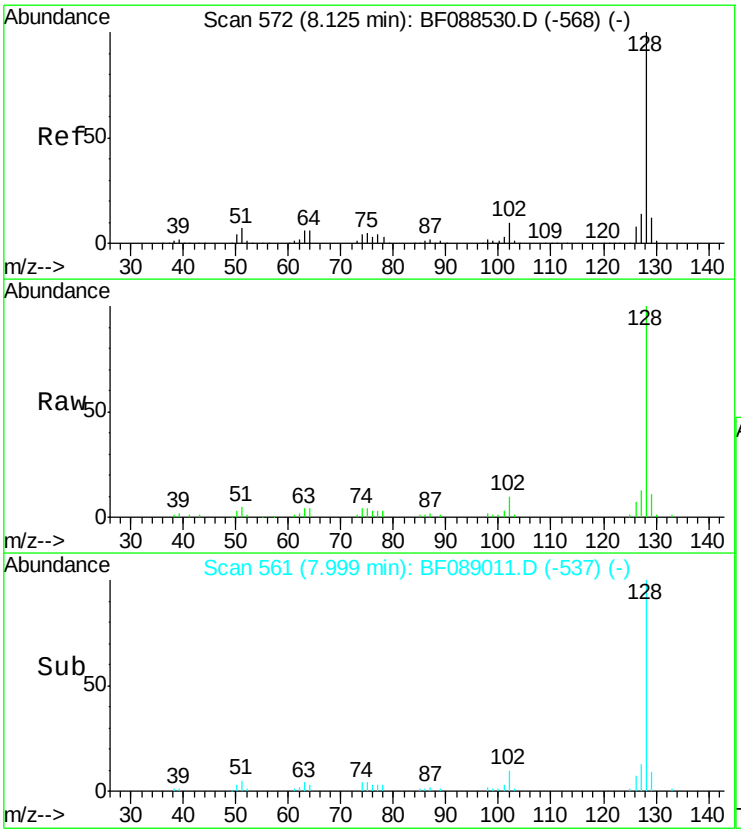
#25
Isophorone
Concen: 29.19 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.29 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

Tgt Ion: 82 Resp: 192424

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.2#
138	0.0	14.6	21.8#

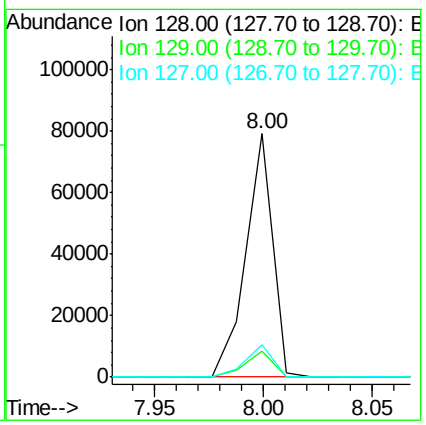


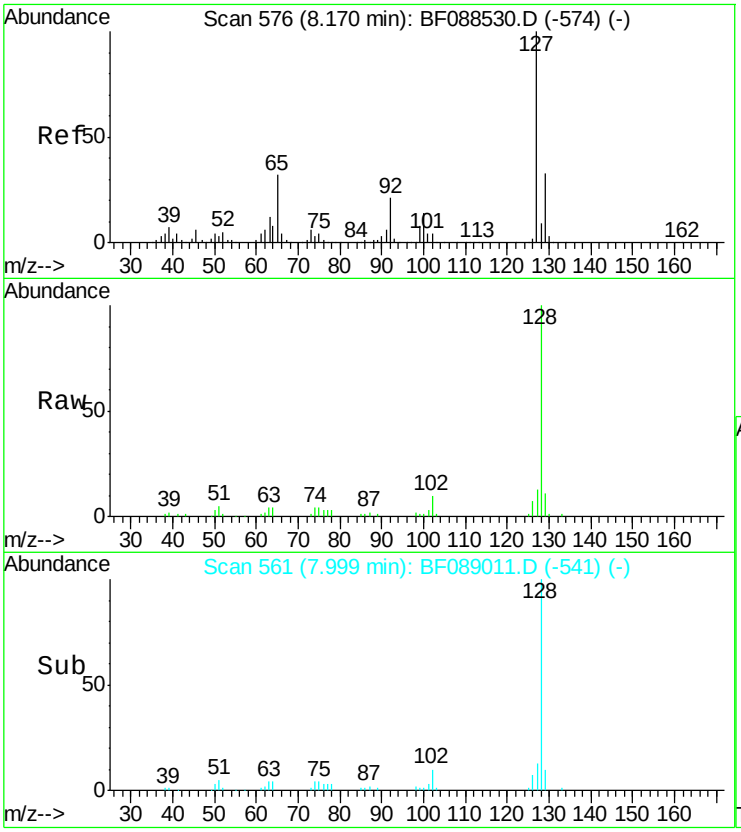


#31
Naphthalene
Concen: 7.36 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Tgt Ion:128 Resp: 67719

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.2
127	13.3	10.9	16.3



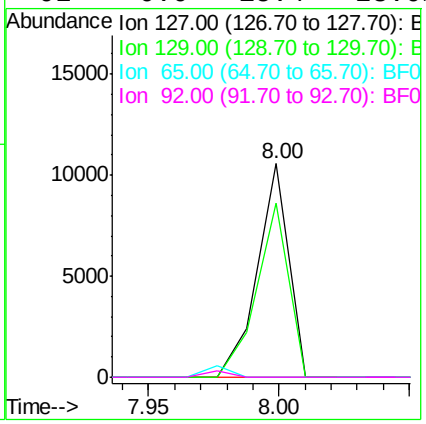


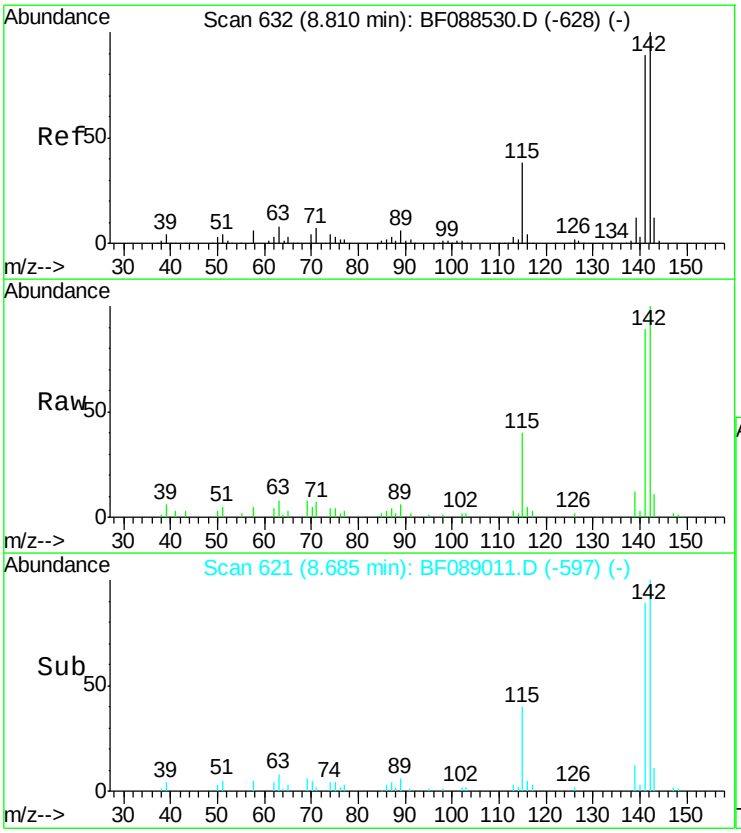
#33
4-Chloroaniline
Concen: 2.18 ng
RT: 8.00 min Scan# 561
Delta R.T. -0.07 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

Tgt Ion:127 Resp: 8921

Ion	Ratio	Lower	Upper
127	100		
129	81.7	26.3	39.5#
65	0.0	24.7	37.1#
92	0.0	15.4	23.0#

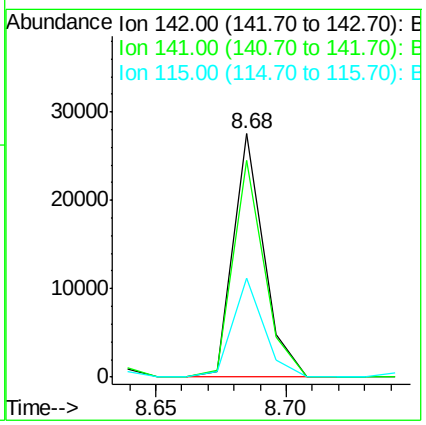


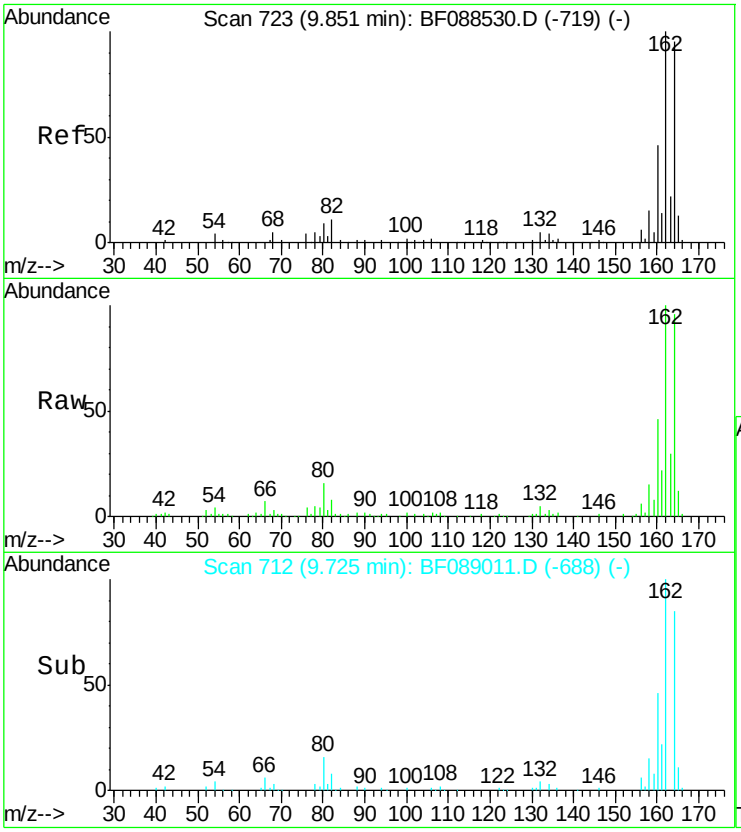


#37
2-Methylnaphthalene
Concen: 3.83 ng
RT: 8.68 min Scan# 621
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Tgt Ion:142 Resp: 22686

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.0	106.6
115	40.5	22.6	33.8#



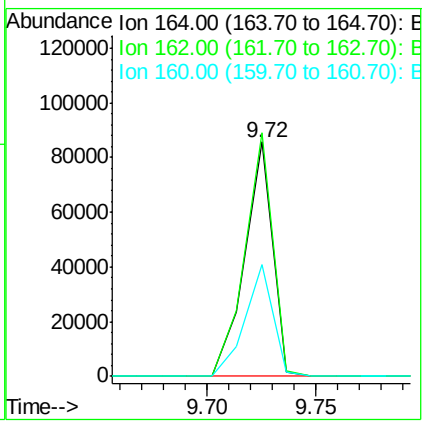


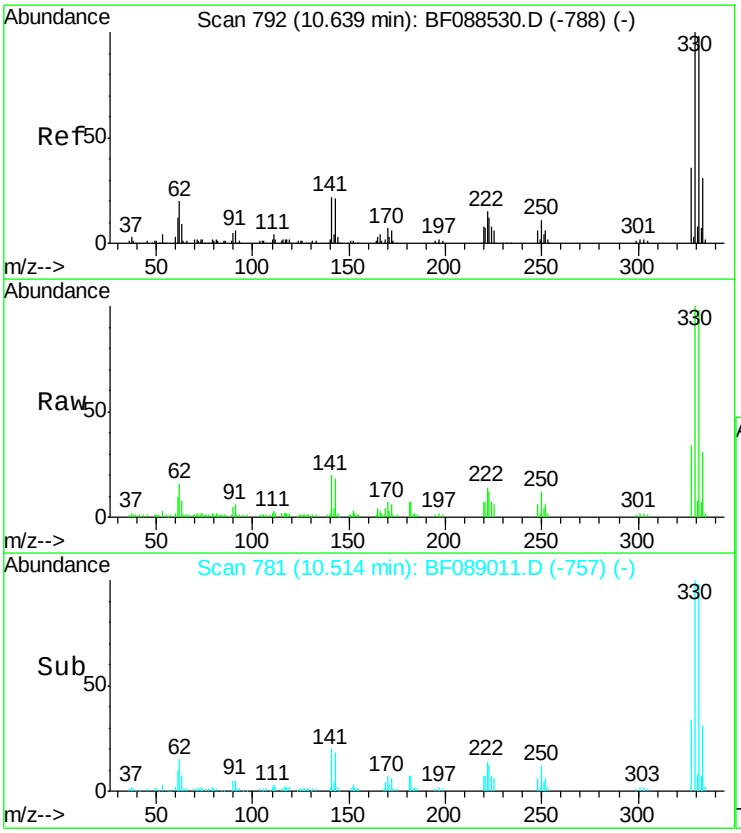
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

Tgt Ion:164 Resp: 75790

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.4	128.2
160	47.8	39.5	59.3

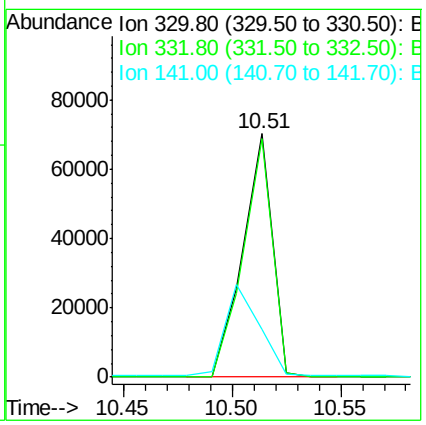


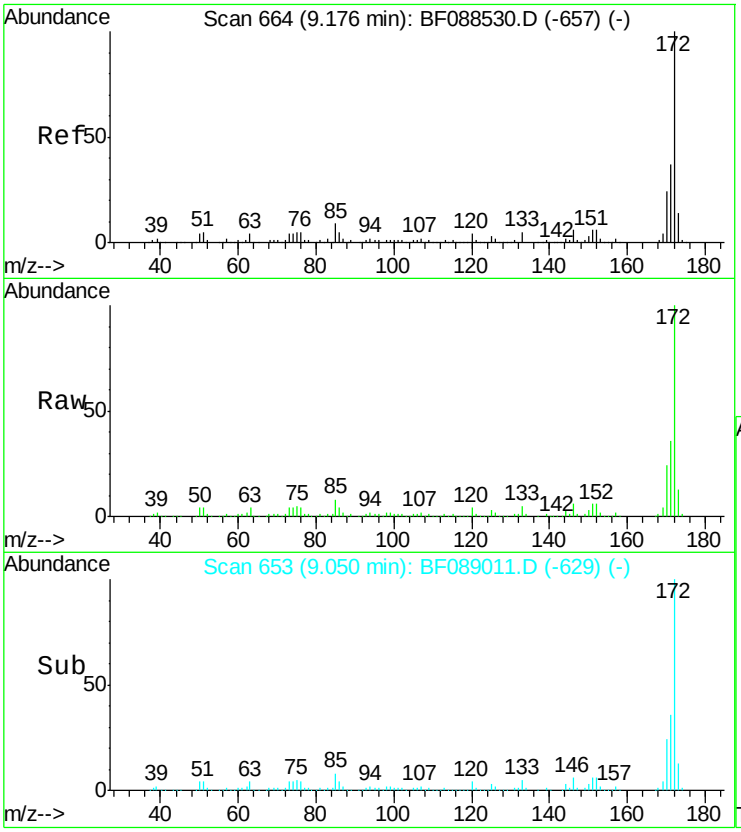


#41
2,4,6-Tribromophenol
Concen: 94.52 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Tgt Ion:330 Resp: 66524

Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	48.2	0.0	0.0#



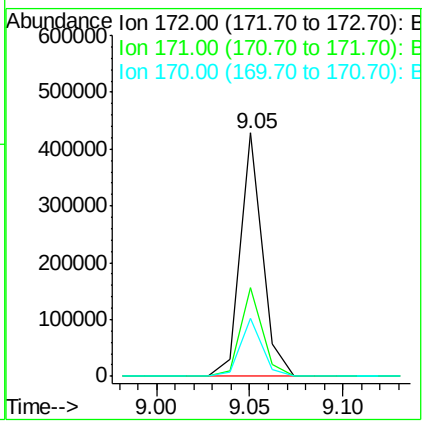


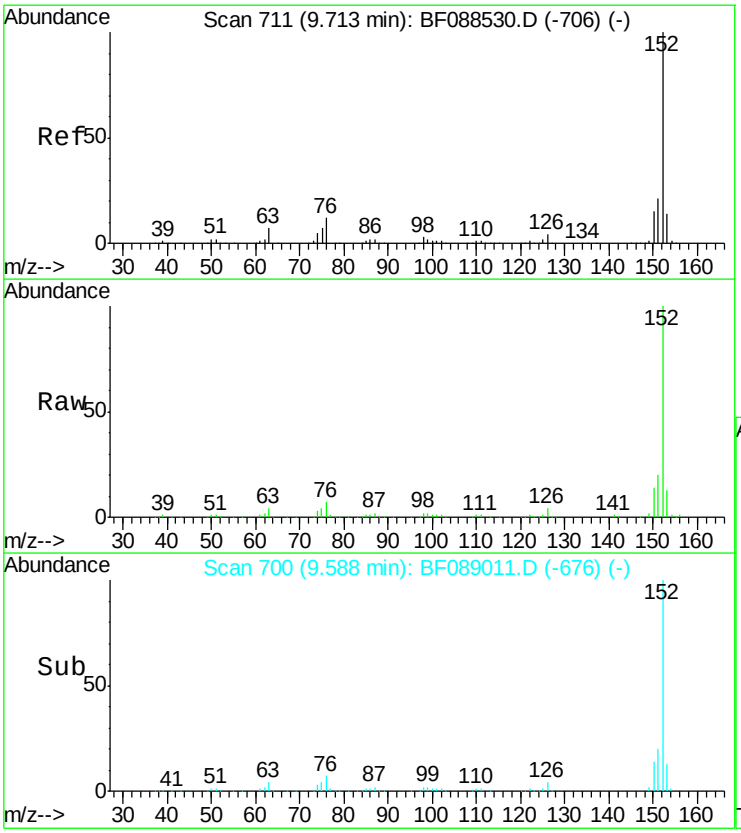
#44
2-Fluorobiphenyl
Concen: 73.85 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS02(0-2in)

Tgt Ion:172 Resp: 354339

Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.6	43.0
170	23.8	19.2	28.8





#48
Acenaphthylene
Concen: 30.86 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF089011.D
Acq: 15 Jul 2016 3:50

Tgt Ion:152 Resp: 241938

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.1	11.0	16.6