Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089667.D
Acq On : 8 Aug 2016 18:27
Operator : UM/SJ
Sample : H4287-19RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-63-6.5-7.5

Quant Time: Aug 09 02:30:39 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	7.42	152	44824	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	191309	20.00	ng	-0.02
38) Acenaphthene-d10	12.26	164	96409	20.00	ng	-0.03
63) Phenanthrene-d10	14.66	188	190355	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	156592	20.00	ng	-0.02
86) Perylene-d12	20.02	264	116210	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	307566	115.01	ng	-0.01
7) Phenol-d6	6.96	99	434666	119.81	ng	-0.02
23) Nitrobenzene-d5	8.33	82	268585	77.65	ng	-0.03
41) 2,4,6-Tribromophenol	13.57	330	86470	108.68	ng	-0.02
44) 2-Fluorobiphenyl	11.22	172	489025	65.92	ng	-0.03
78) Terphenyl-d14	17.03	244	449919	56.72	ng	-0.02
Target Compounds						Qvalue
6) Aniline	7.06	93	252	0.05	ng	# 1
9) Benzaldehyde	6.96	77	261	0.20	ng	# 1
10) Phenol	6.97	94	5496	1.48	ng	# 1
11) bis(2-Chloroethyl)ether	7.06	93	252	0.08	ng	# 1
15) Benzyl Alcohol	7.66	79	4094	1.72	ng	# 46
19) n-Nitroso-di-n-propylamine	8.33	70	31500	12.02	ng	# 82
24) Nitrobenzene	8.33	77	545	0.17	ng	# 42
25) Isophorone	9.00	82	640	0.10	ng	# 68
45) 1,1'-Biphenyl	11.22	154	720	0.08	ng	# 1
49) Dimethylphthalate	11.92	163	192425	25.46	ng	99
50) 2,6-Dinitrotoluene	11.92	165	1961	1.31	ng	# 1
59) Diethylphthalate	13.06	149	484	0.06	ng	# 60
62) Azobenzene	13.55	77	313	0.04	ng	# 1
65) n-Nitrosodiphenylamine	13.55	169	3434	0.53	ng	# 40
73) Di-n-butylphthalate	15.67	149	2132	0.17	ng	# 79
74) Fluoranthene	16.49	202	940	0.09	ng	63
77) Pyrene	16.79	202	601	0.04	ng	# 57
80) Benzo(a)anthracene	18.35	228	658	0.07	ng	# 51
82) Chrysene	18.40	228	248	0.03	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.45	149	855	0.10	ng	# 55
87) Benzo(b)fluoranthene	19.65	252	239	0.03	ng	# 61
88) Benzo(k)fluoranthene	19.65	252	239	0.03	ng	# 59
89) Benzo(a)pyrene	20.02	252	255	0.04	ng	# 59

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

Quantitation Report (Not Reviewed)

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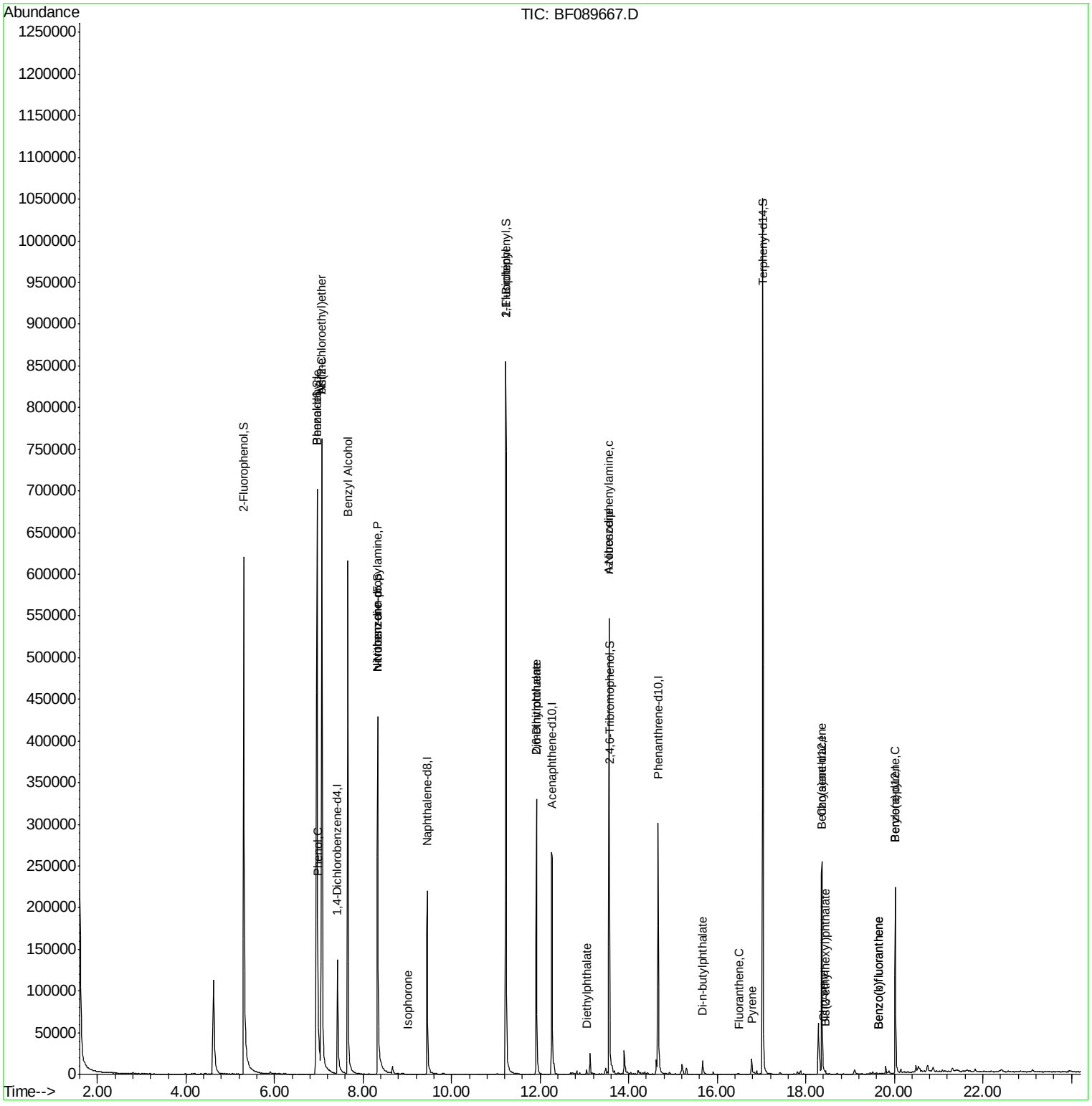
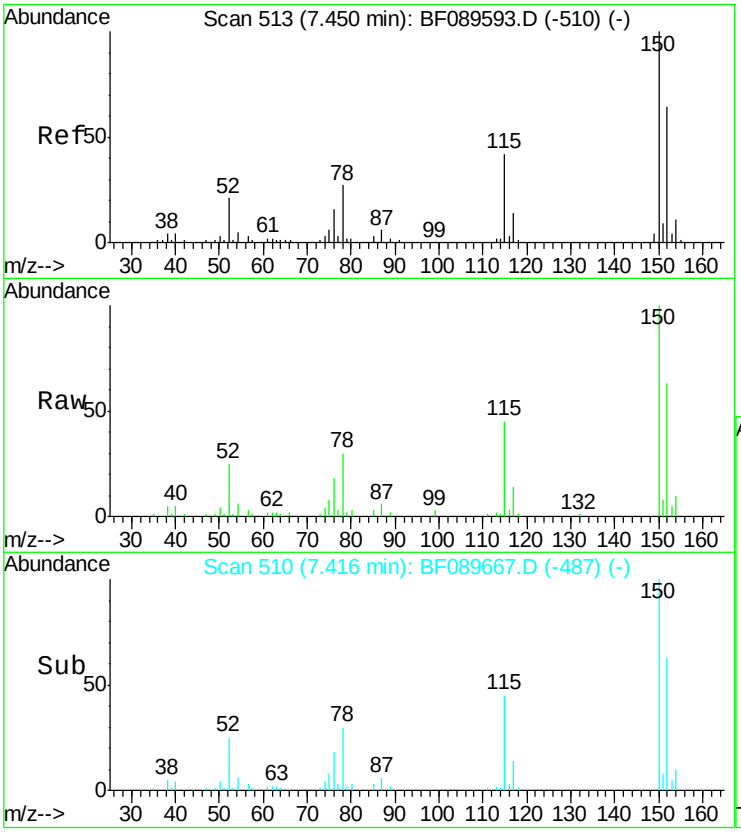
Data File : BF089667.D
Acq On : 8 Aug 2016 18:27
Operator : UM/SJ
Sample : H4287-19RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Quant Time: Aug 09 02:30:39 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



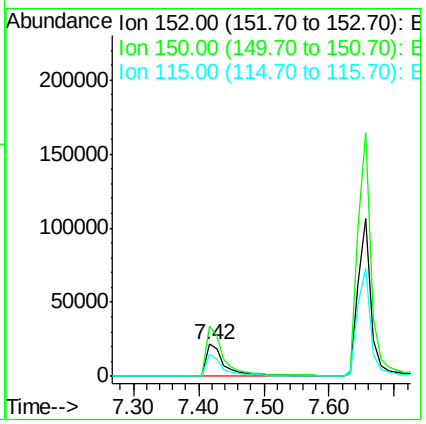


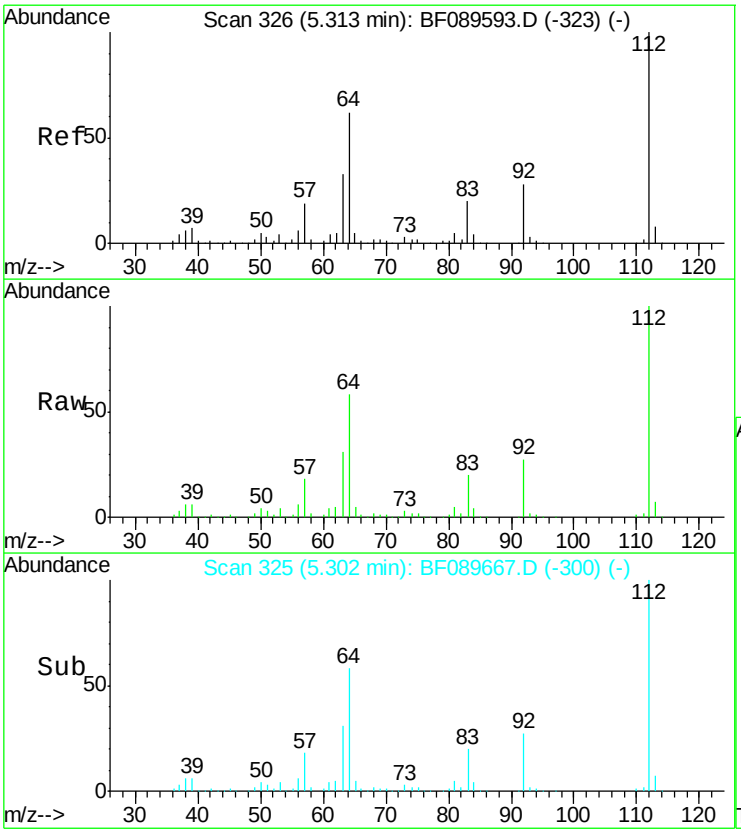
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 510
Delta R.T. -0.03 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion:152 Resp: 44824

Ion	Ratio	Lower	Upper
152	100		
150	158.1	125.5	188.3
115	70.8	52.0	78.0

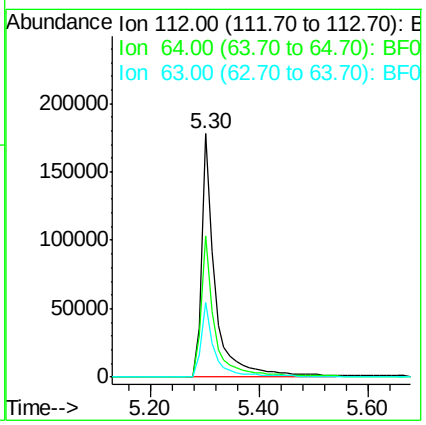


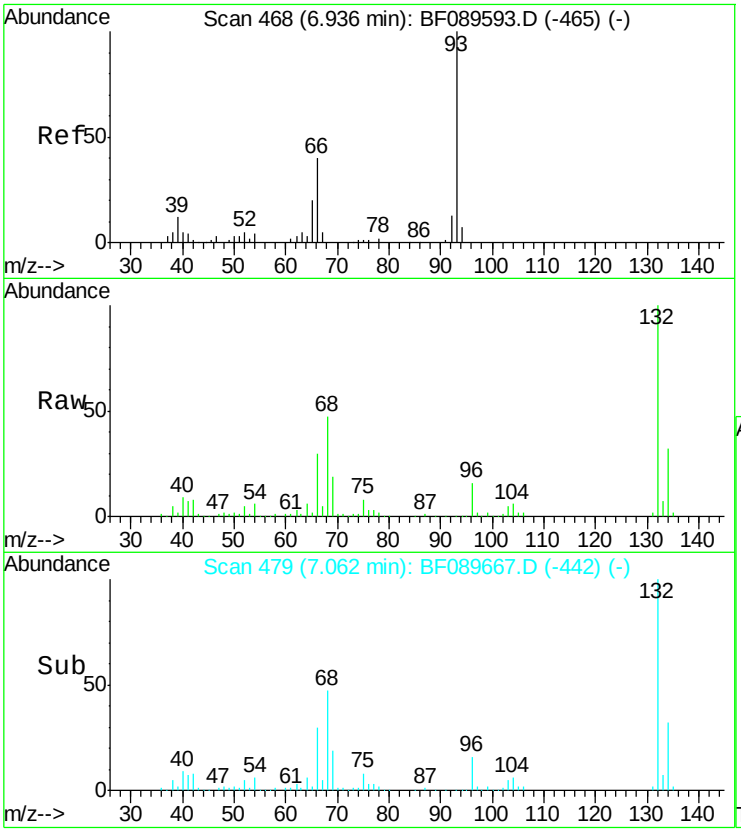


#5
2-Fluorophenol
Concen: 115.01 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.01 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:112 Resp: 307566

Ion	Ratio	Lower	Upper
112	100		
64	58.1	49.9	74.9
63	30.8	26.1	39.1



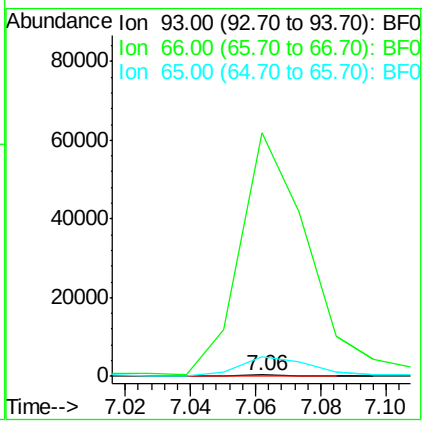


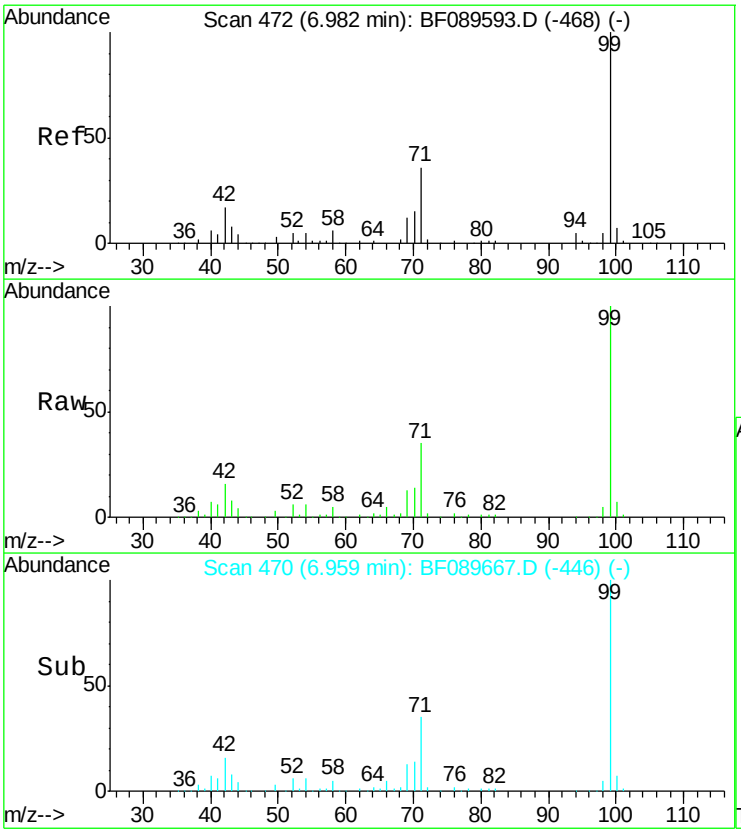
#6
Aniline
Concen: 0.05 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.13 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion: 93 Resp: 252

Ion	Ratio	Lower	Upper
93	100		
66	16852.3	32.2	48.2#
65	1378.5	15.8	23.8#

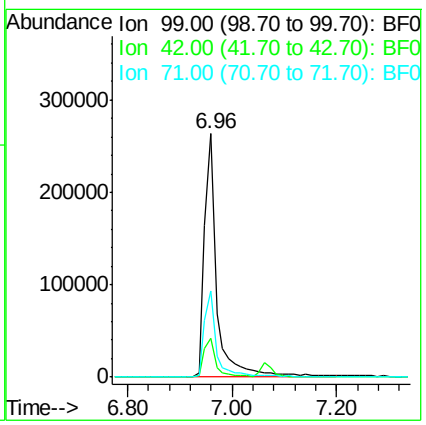


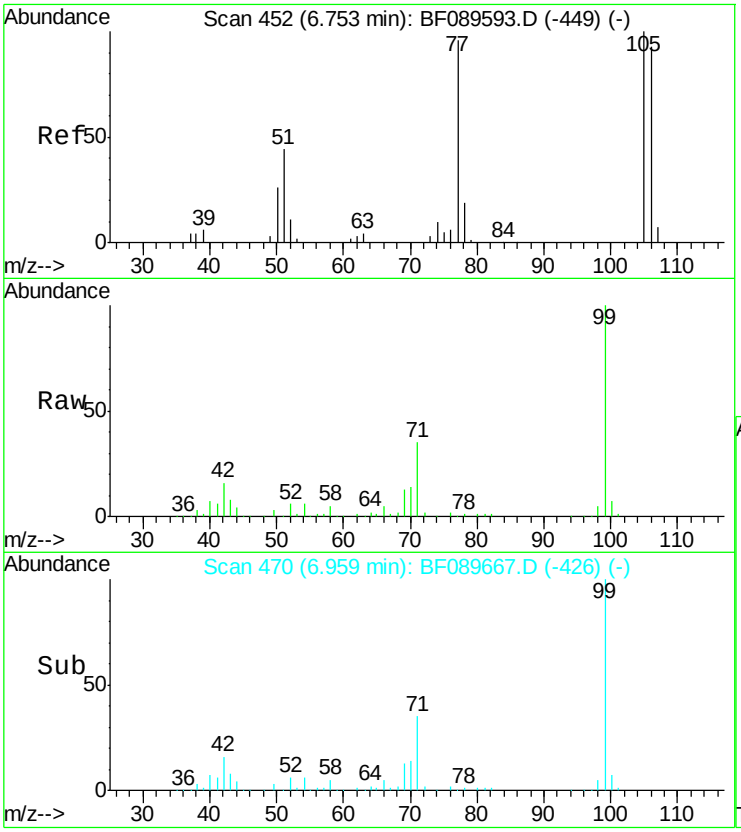


#7
Phenol-d6
Concen: 119.81 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion: 99 Resp: 434666

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.7	20.5
71	35.5	29.0	43.4



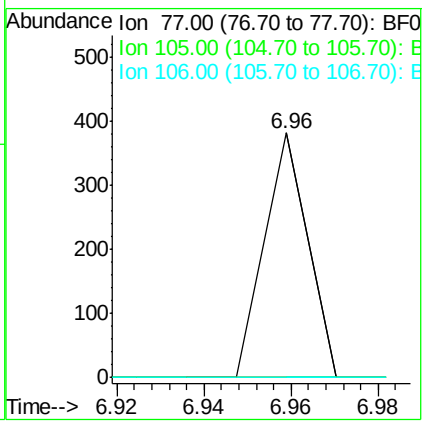


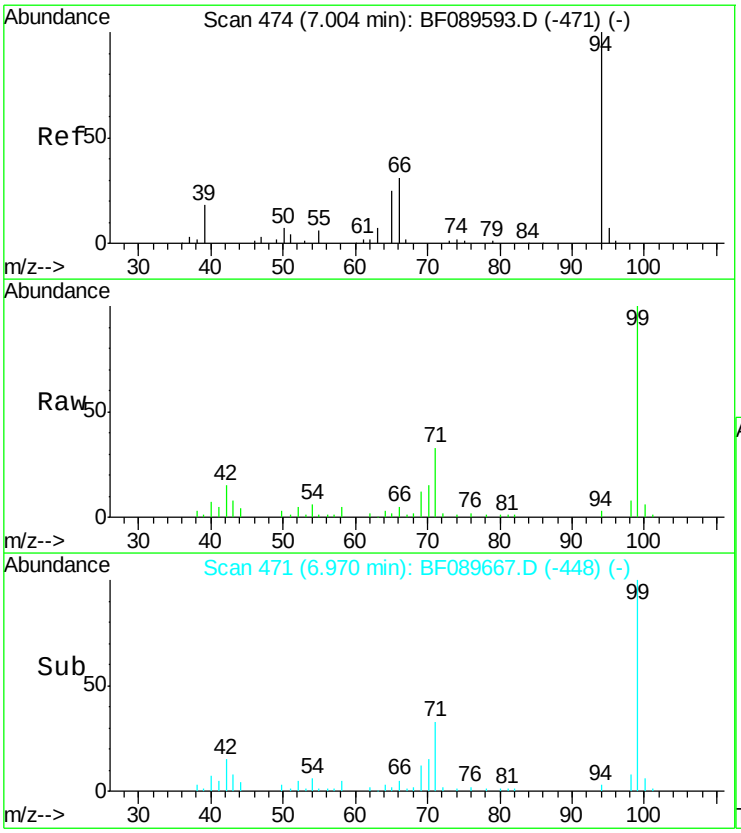
#9
Benzaldehyde
Concen: 0.20 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.21 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion: 77 Resp: 261

Ion	Ratio	Lower	Upper
77	100		
105	0.0	84.7	124.7#
106	0.0	77.1	117.1#

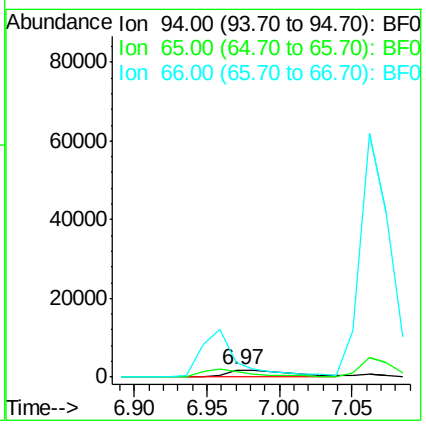


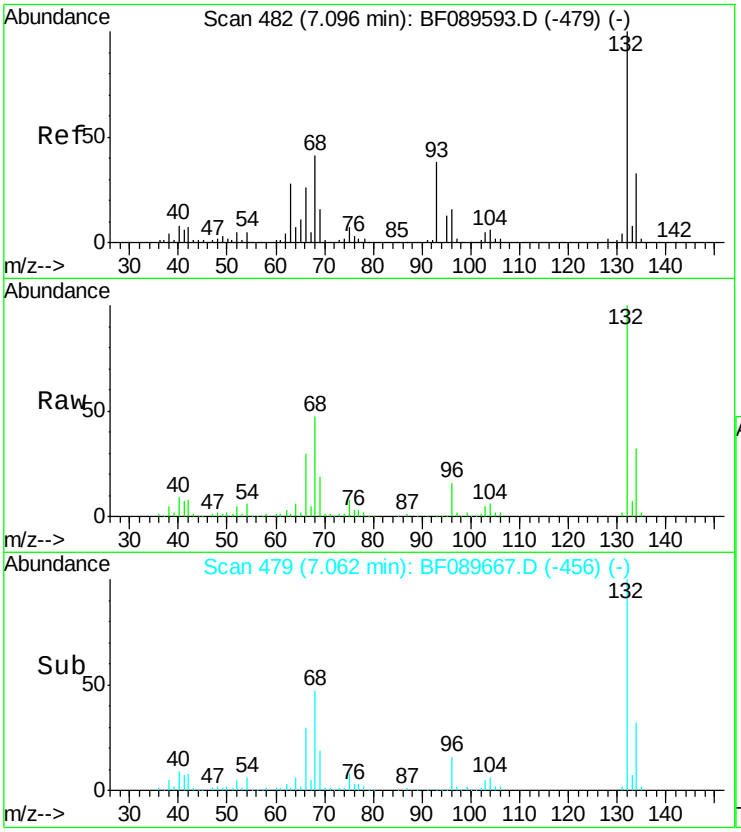


#10
Phenol
Concen: 1.48 ng
RT: 6.97 min Scan# 471
Delta R.T. -0.03 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion: 94 Resp: 5496

Ion	Ratio	Lower	Upper
94	100		
65	69.1	11.0	51.0#
66	205.6	27.4	67.4#



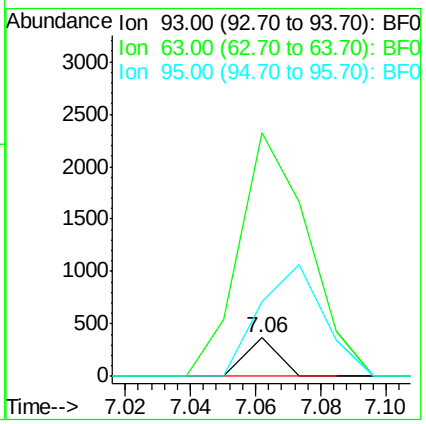


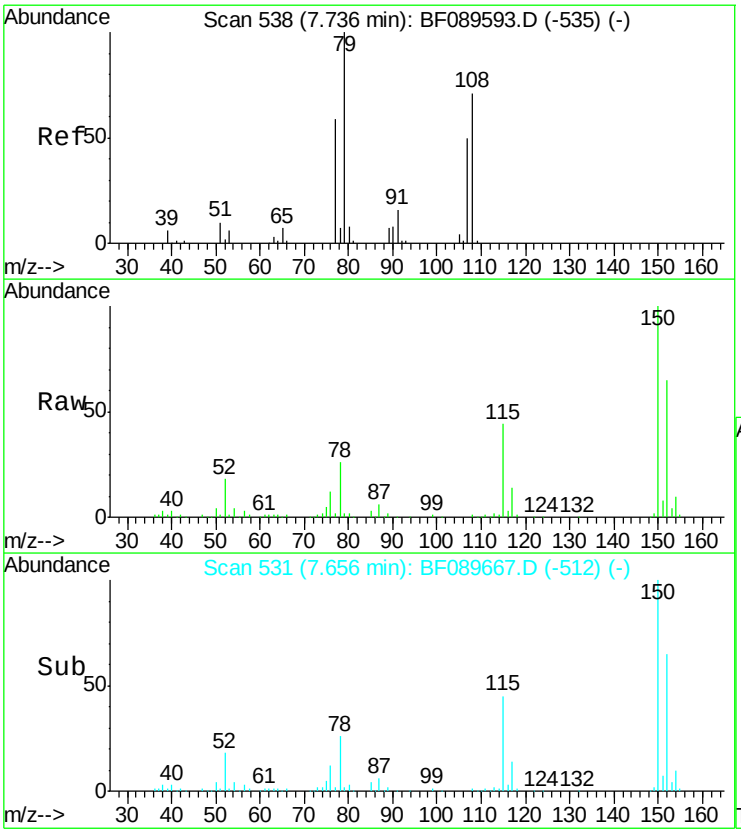
#11
bis(2-Chloroethyl)ether
Concen: 0.08 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.03 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion: 93 Resp: 252

Ion	Ratio	Lower	Upper
93	100		
63	633.0	52.2	92.2#
95	194.3	13.1	53.1#

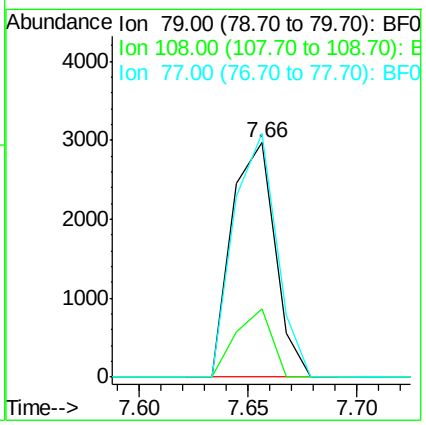


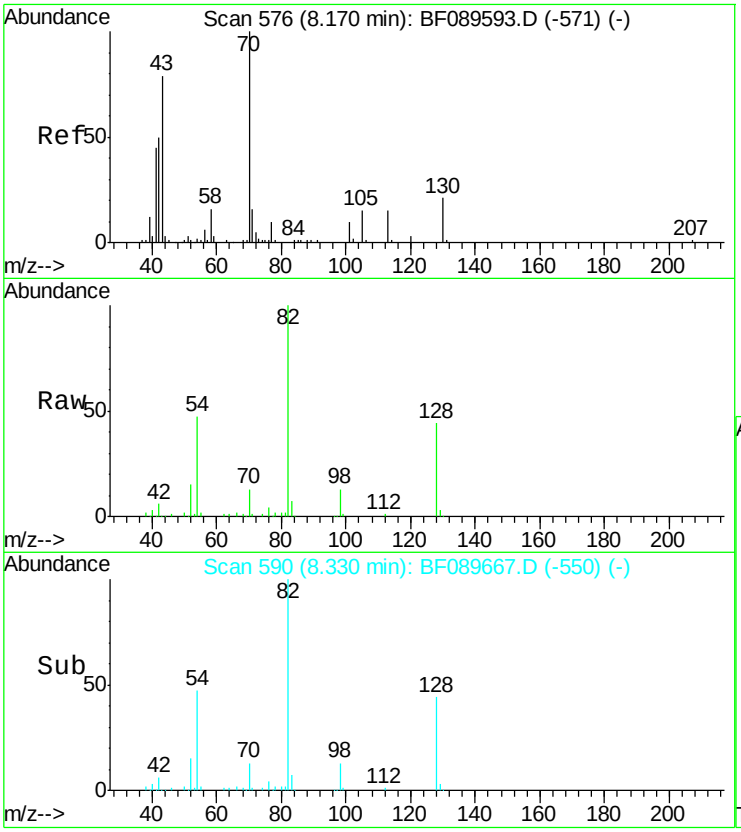


#15
Benzyl Alcohol
Concen: 1.72 ng
RT: 7.66 min Scan# 531
Delta R.T. -0.08 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion: 79 Resp: 4094

Ion	Ratio	Lower	Upper
79	100		
108	29.0	58.3	87.5#
77	104.0	48.7	73.1#



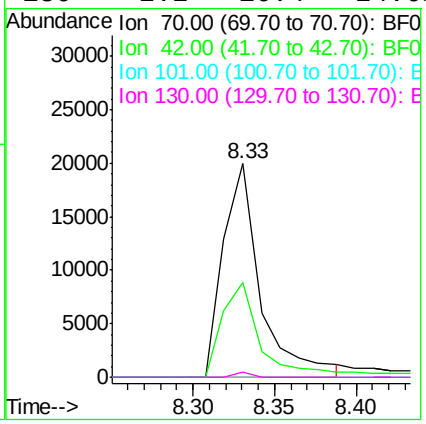


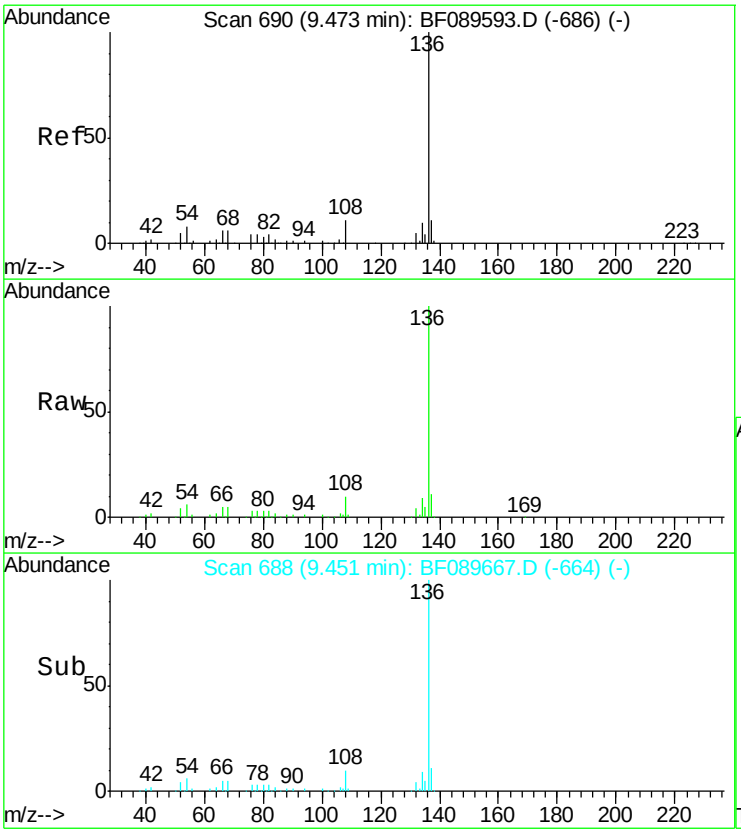
#19
n-Nitroso-di-n-propylamine
Concen: 12.02 ng
RT: 8.33 min Scan# 590
Delta R.T. 0.16 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion: 70 Resp: 31500

Ion	Ratio	Lower	Upper
70	100		
42	44.6	40.2	60.2
101	0.0	7.8	11.6#
130	2.2	16.4	24.6#

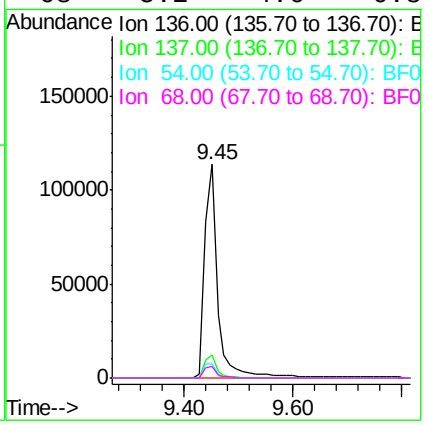


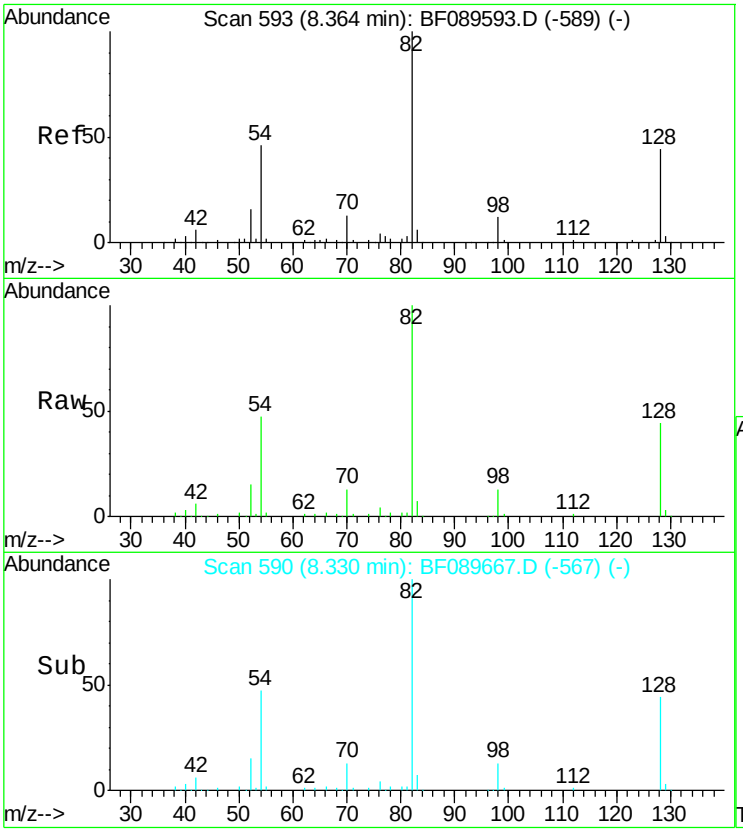


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.45 min Scan# 688
Delta R.T. -0.02 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:136 Resp: 191309

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	6.3	6.0	9.0
68	5.2	4.6	6.8



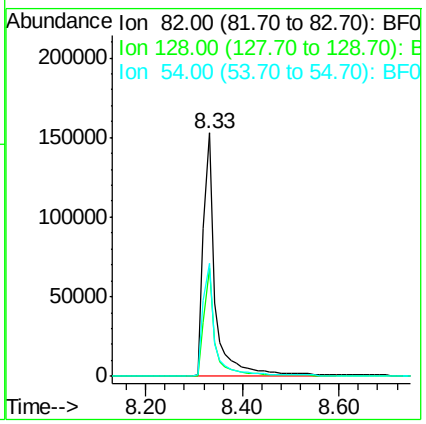


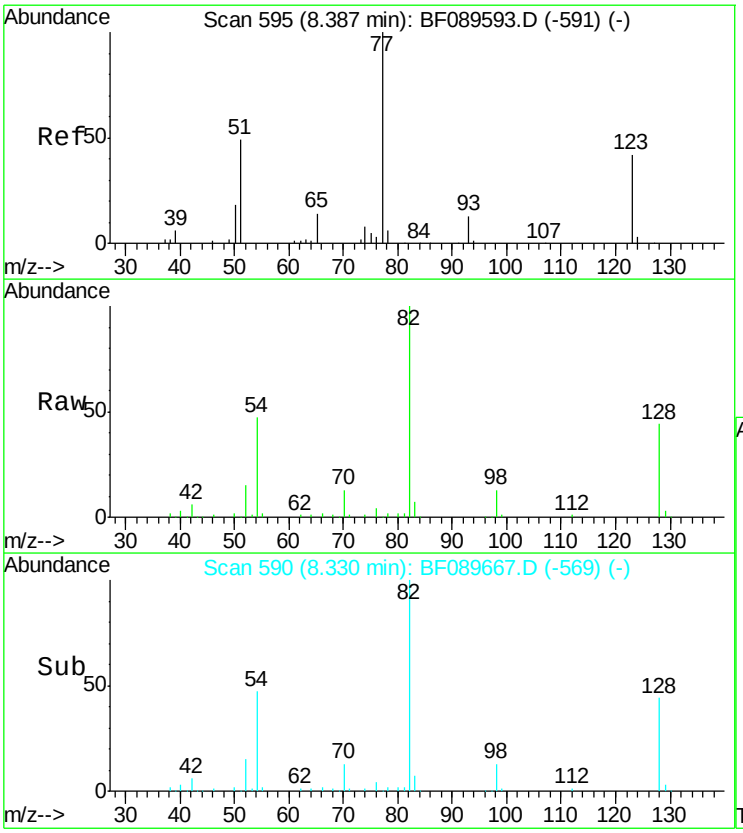
#23
Nitrobenzene-d5
Concen: 77.65 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.03 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion: 82 Resp: 268585

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.4	53.0
54	46.5	36.4	54.6

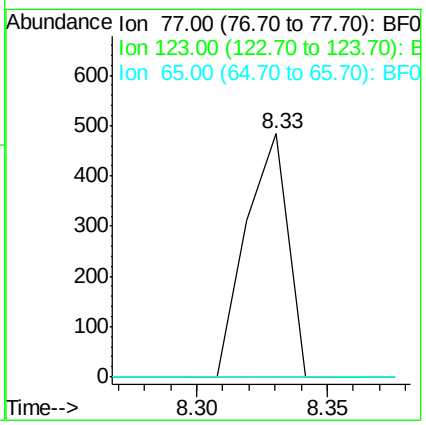


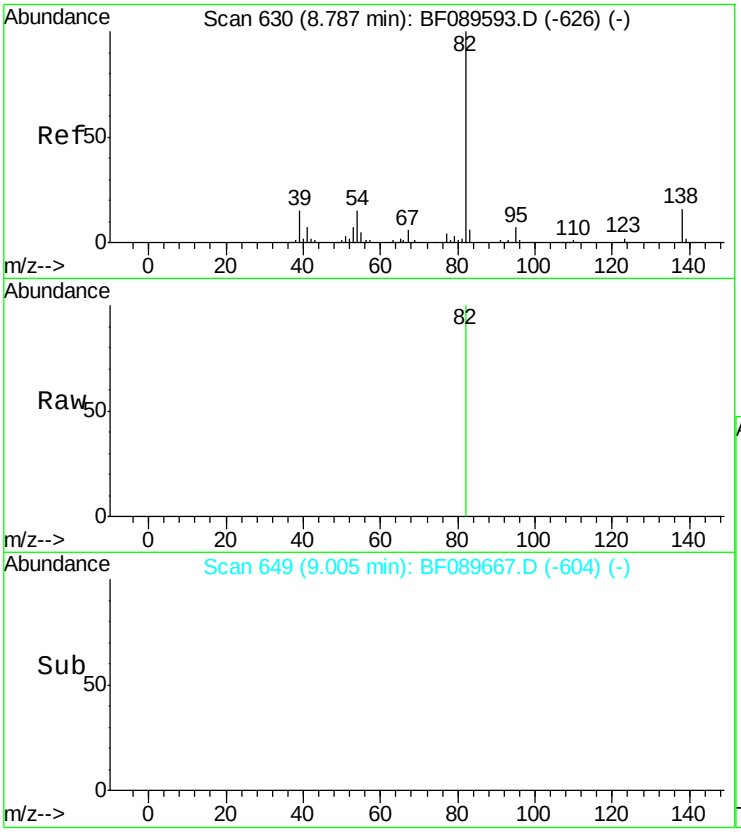


#24
Nitrobenzene
Concen: 0.17 ng
RT: 8.33 min Scan# 590
Delta R.T. -0.06 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion: 77 Resp: 545

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



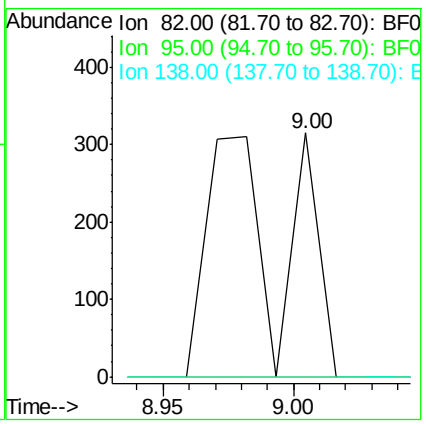


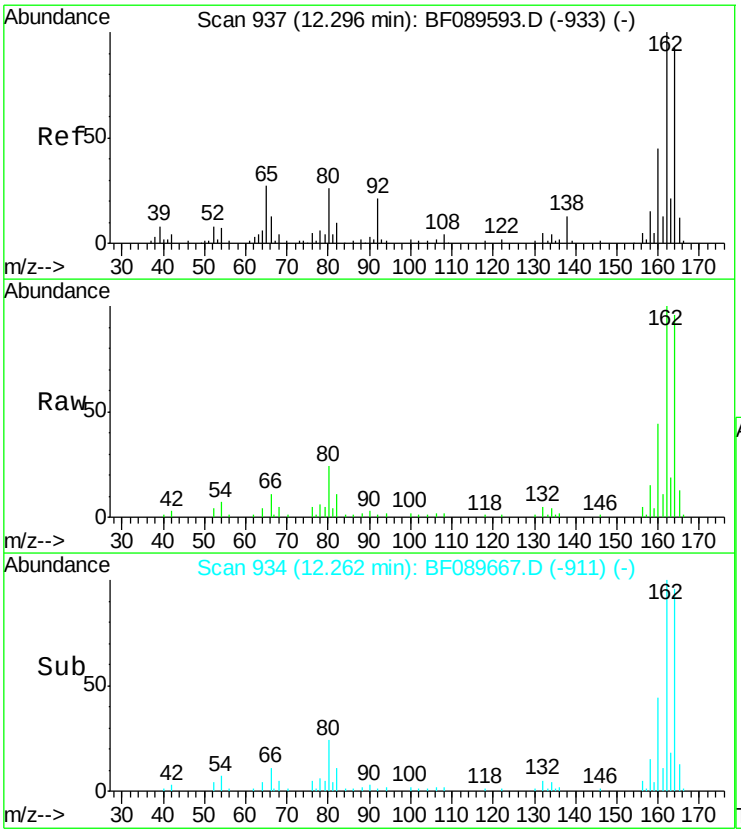
#25
Isophorone
Concen: 0.10 ng
RT: 9.00 min Scan# 649
Delta R.T. 0.22 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion: 82 Resp: 640

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.8#
138	0.0	12.6	18.8#

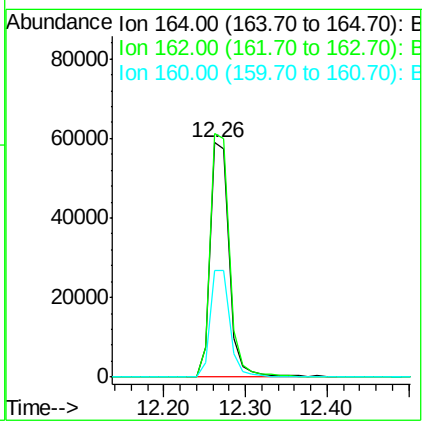


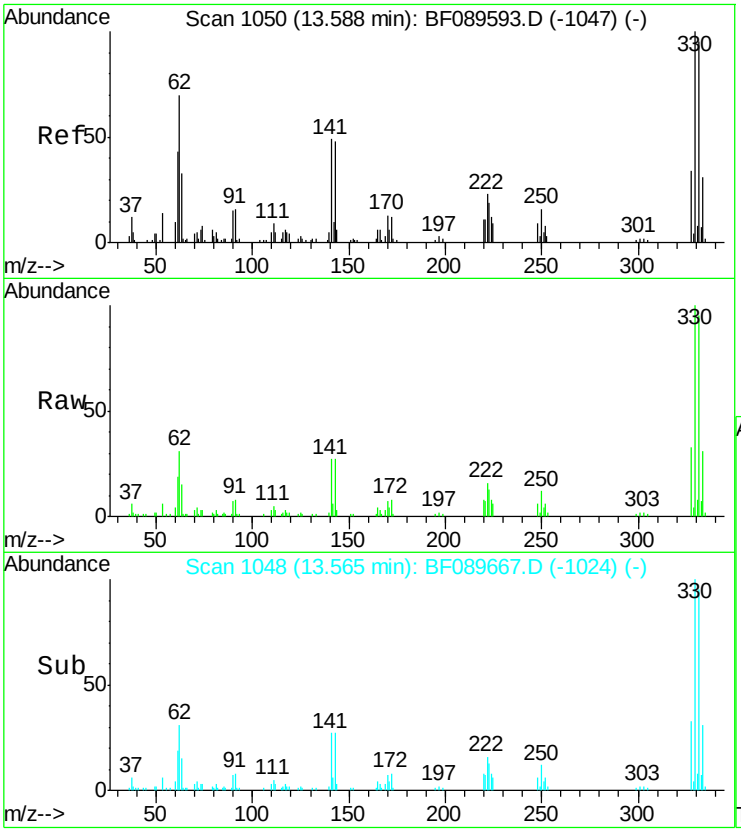


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.26 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:164 Resp: 96409

Ion	Ratio	Lower	Upper
164	100		
162	103.9	85.7	128.5
160	45.3	38.2	57.4



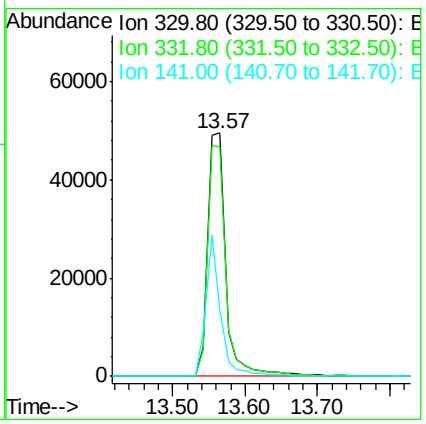


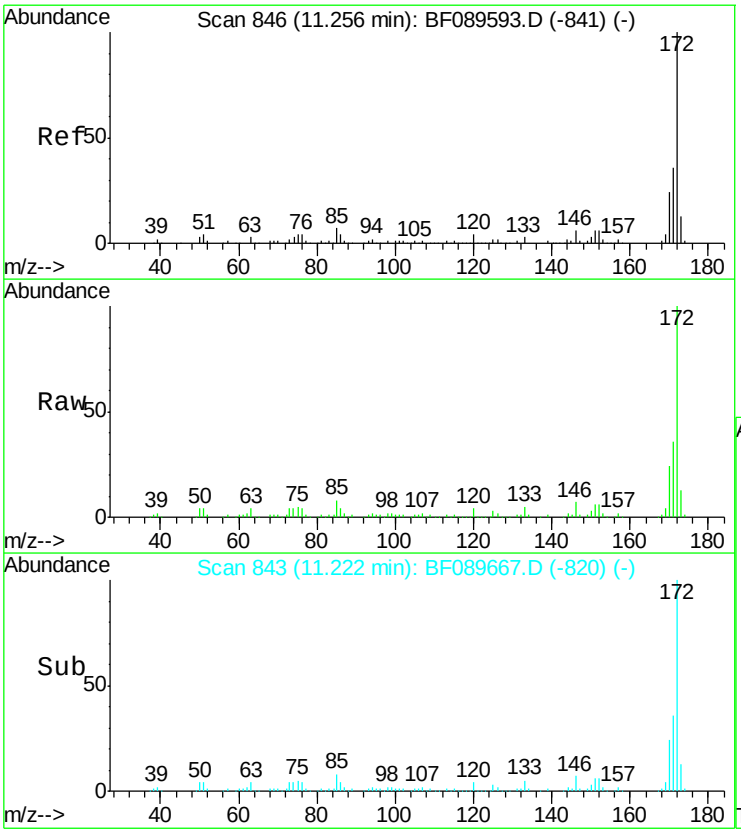
#41
2,4,6-Tribromophenol
Concen: 108.68 ng
RT: 13.57 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion:330 Resp: 86470

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	46.9	38.6	57.8

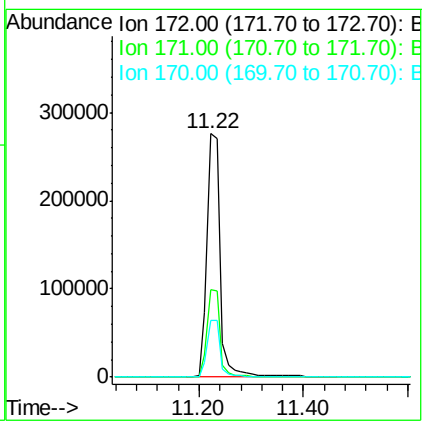


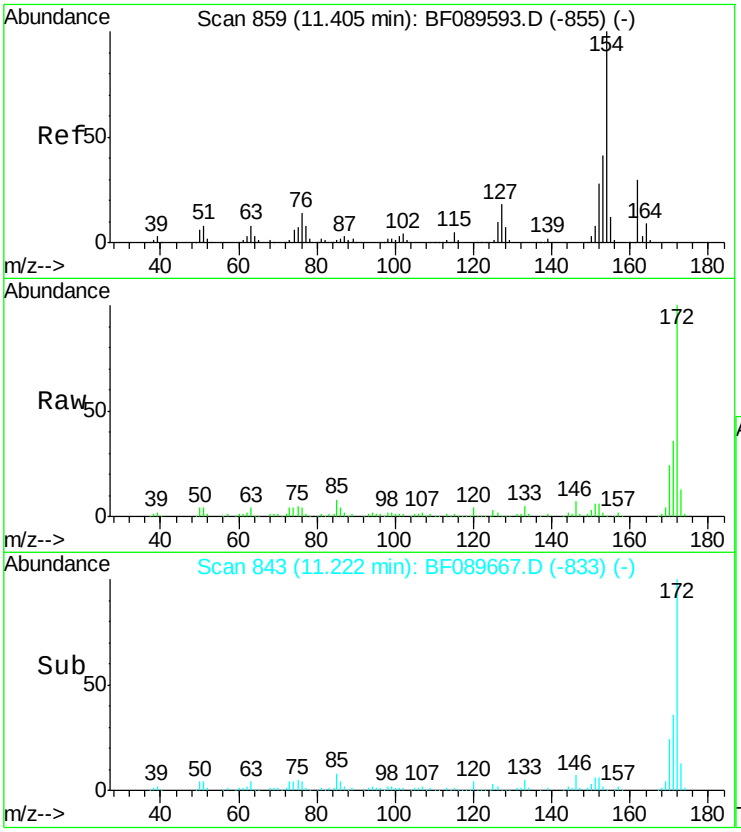


#44
2-Fluorobiphenyl
Concen: 65.92 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.03 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:172 Resp: 489025

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.5	19.0	28.6



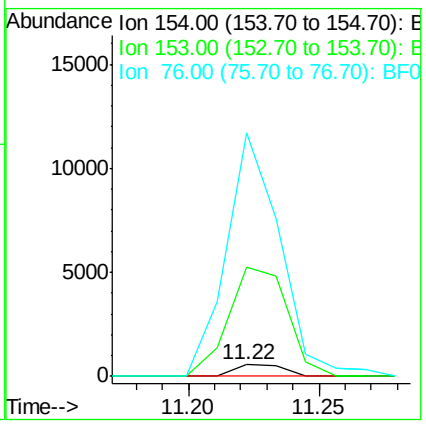


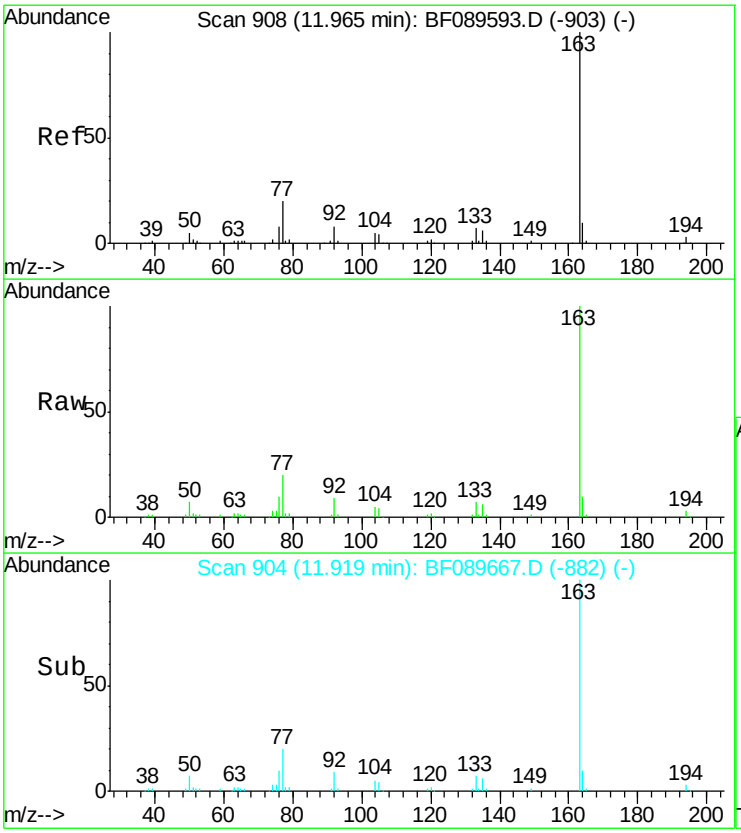
#45
1,1'-Biphenyl
Concen: 0.08 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.18 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion:154 Resp: 720

Ion	Ratio	Lower	Upper
154	100		
153	958.2	20.6	60.6#
76	2129.3	0.0	33.7#

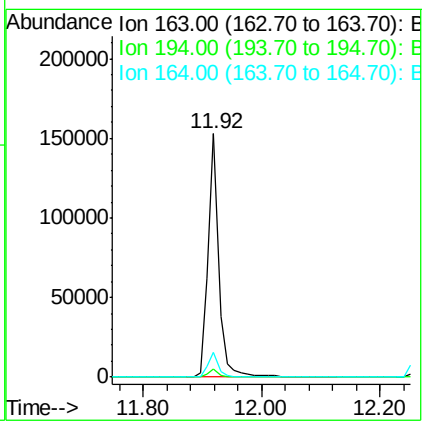


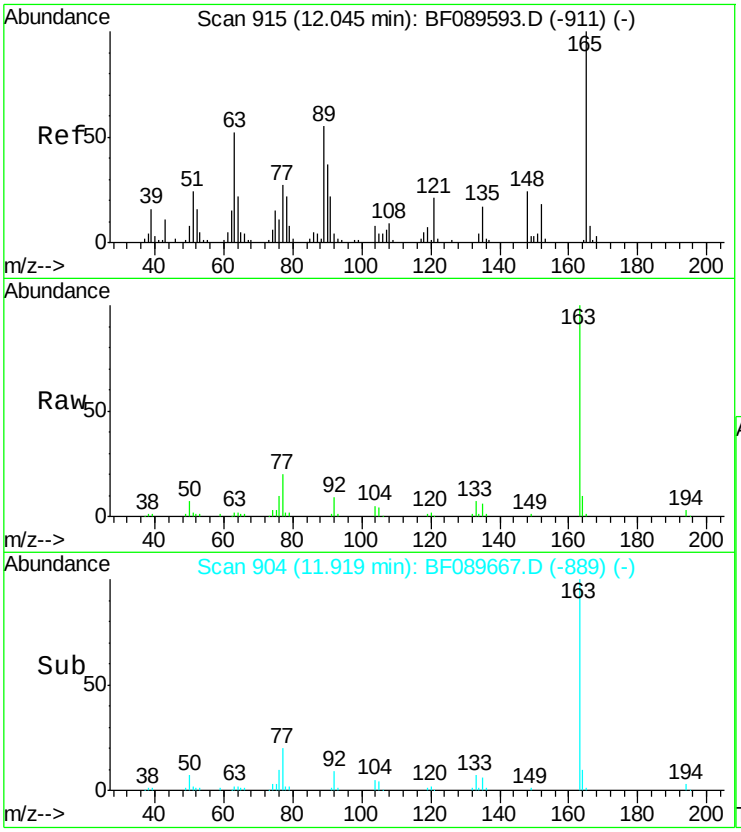


#49
Dimethylphthalate
Concen: 25.46 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.05 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:163 Resp: 192425

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	10.0	7.8	11.6



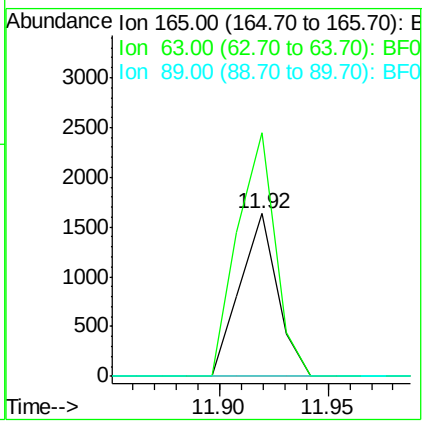


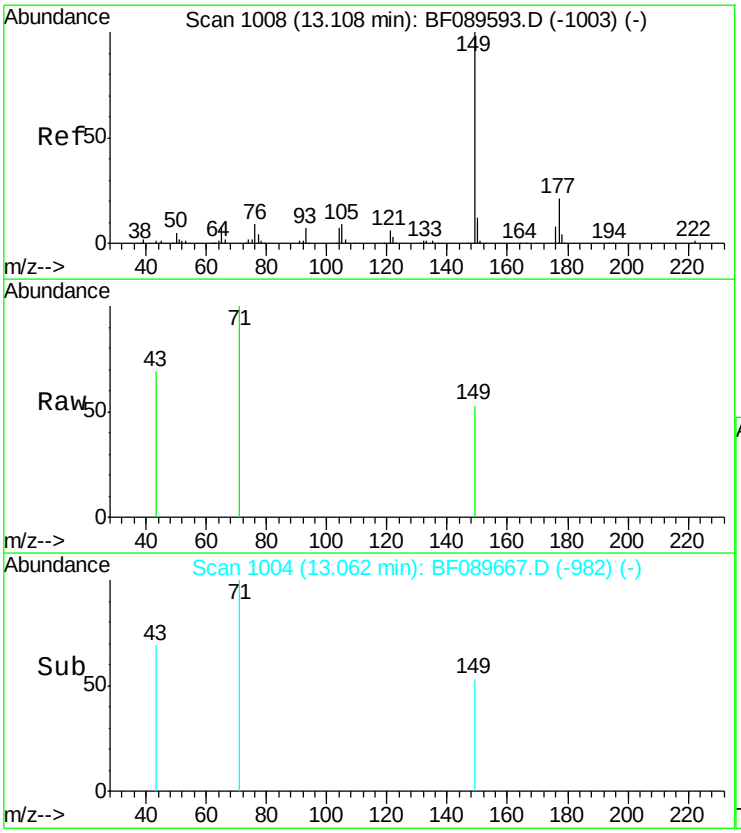
#50
2,6-Dinitrotoluene
Concen: 1.31 ng
RT: 11.92 min Scan# 904
Delta R.T. -0.13 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion:165 Resp: 1961

Ion	Ratio	Lower	Upper
165	100		
63	149.8	44.6	67.0#
89	0.0	44.2	66.2#

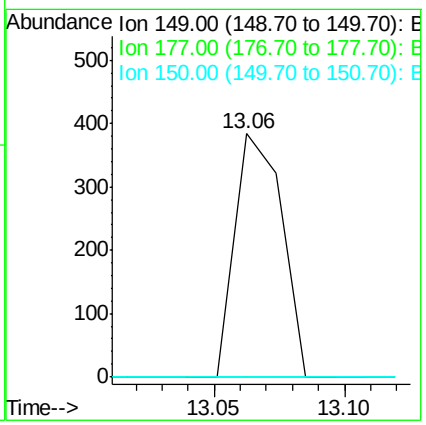


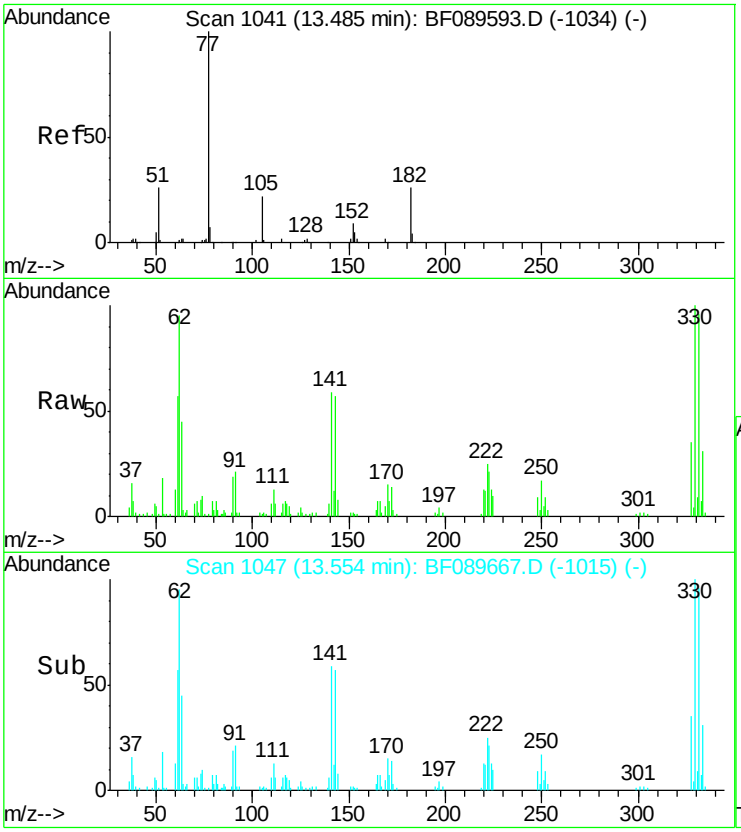


#59
Diethylphthalate
Concen: 0.06 ng
RT: 13.06 min Scan# 1004
Delta R.T. -0.05 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:149 Resp: 484

Ion	Ratio	Lower	Upper
149	100		
177	0.0	16.8	25.2#
150	0.0	9.6	14.4#



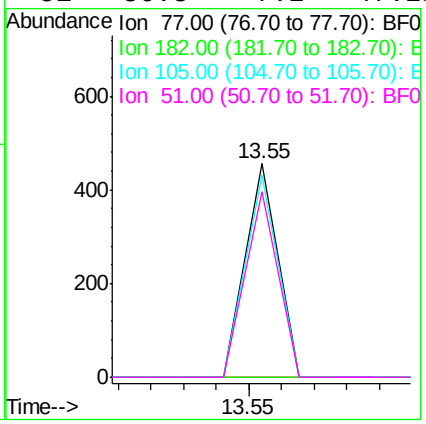


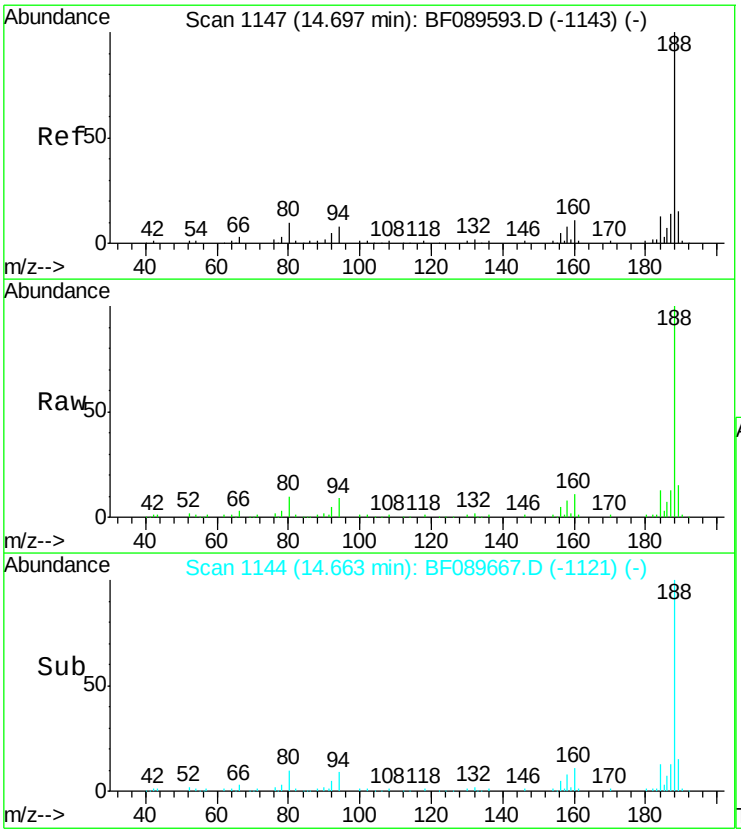
#62
Azobenzene
Concen: 0.04 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.07 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion: 77 Resp: 313

Ion	Ratio	Lower	Upper
77	100		
182	0.0	5.8	45.8#
105	94.5	2.9	42.9#
51	86.8	7.2	47.2#

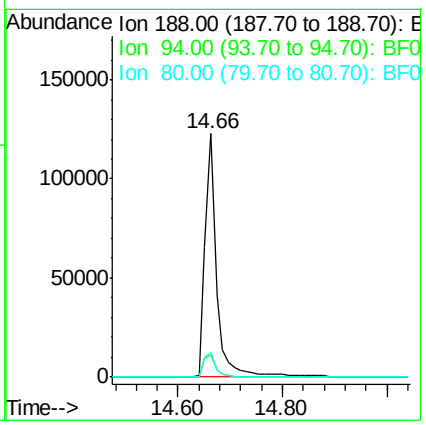


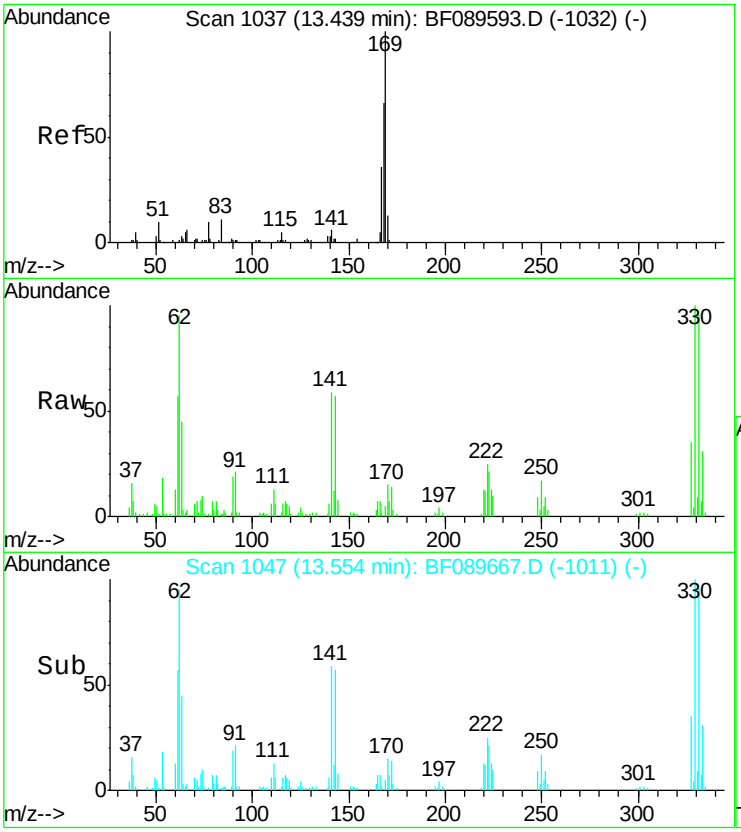


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 1144
Delta R.T. -0.03 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:188 Resp: 190355

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.5	9.7
80	10.4	8.0	12.0



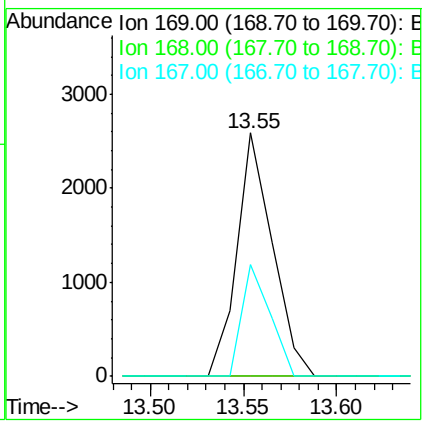


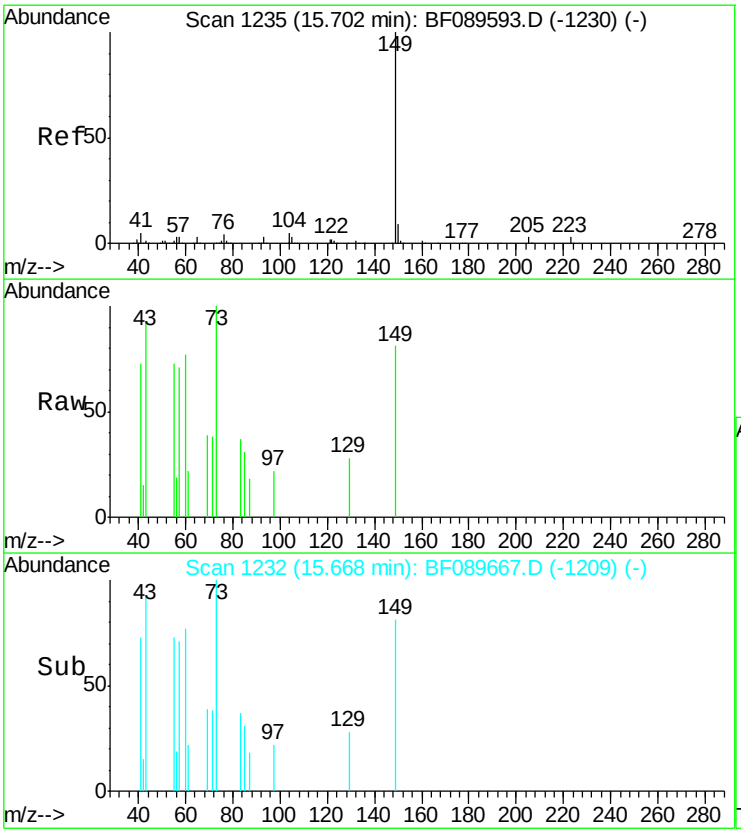
#65
n-Nitrosodiphenylamine
Concen: 0.53 ng
RT: 13.55 min Scan# 1047
Delta R.T. 0.11 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion:169 Resp: 3434

Ion	Ratio	Lower	Upper
169	100		
168	0.0	54.2	81.2#
167	45.8	28.9	43.3#

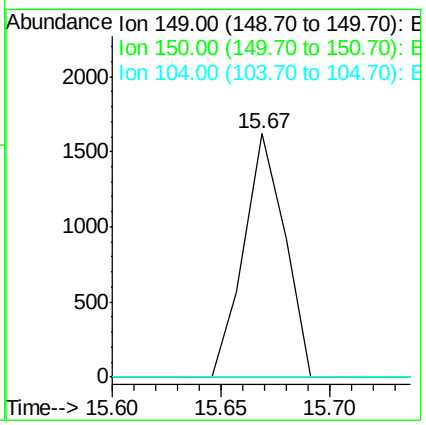


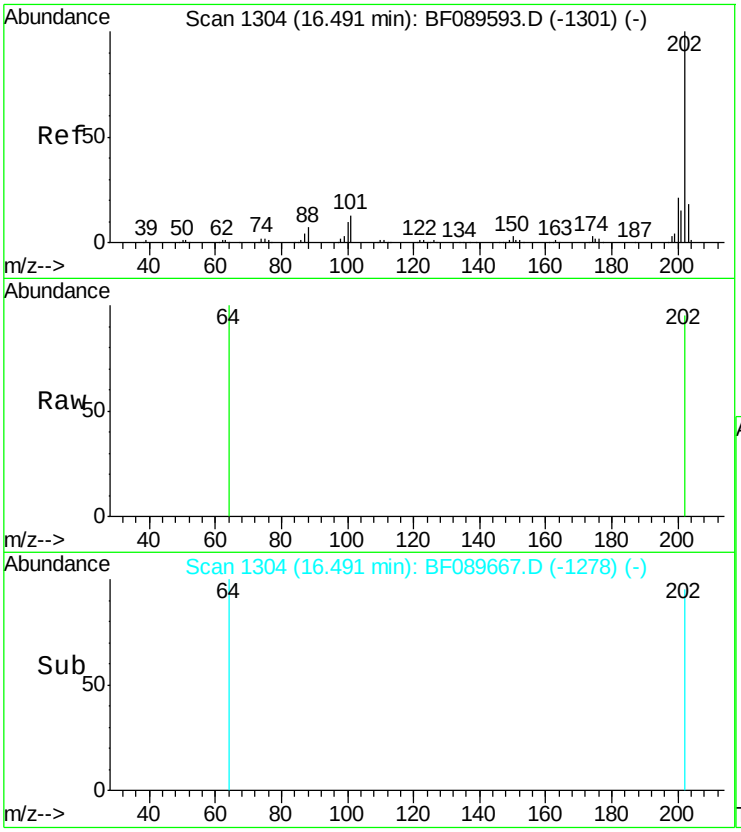


#73
Di-n-butylphthalate
Concen: 0.17 ng
RT: 15.67 min Scan# 1232
Delta R.T. -0.03 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:149 Resp: 2132

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.2	10.8#
104	0.0	3.8	5.8#



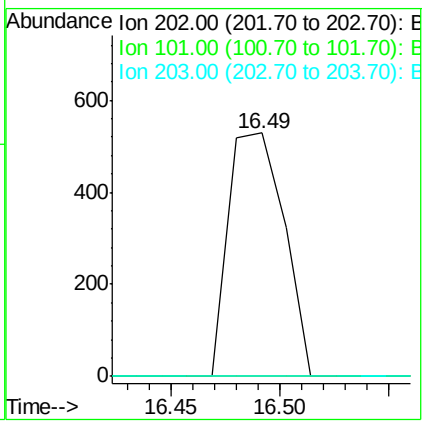


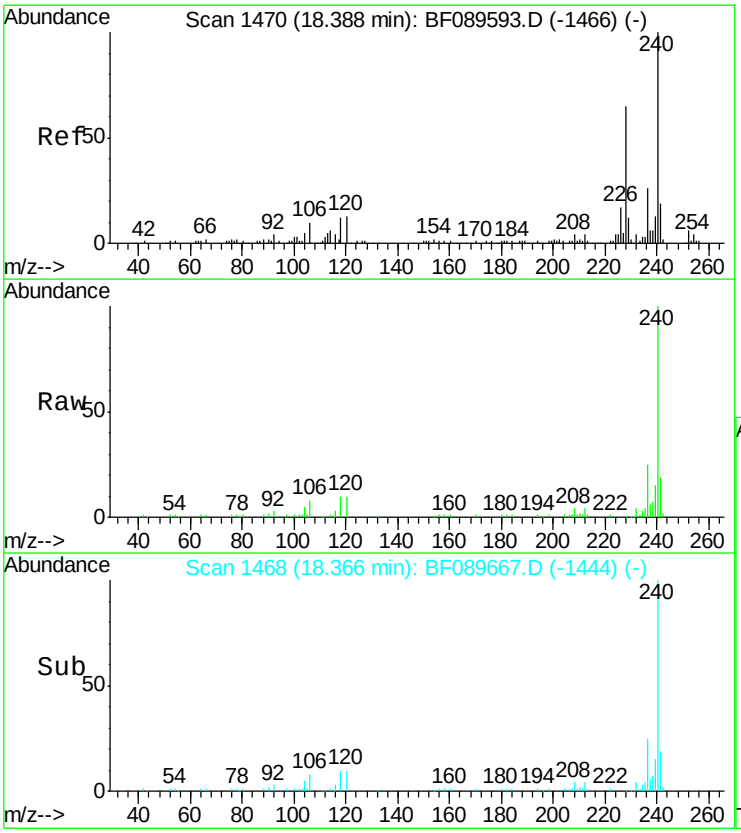
#74
Fluoranthene
Concen: 0.09 ng
RT: 16.49 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion:202 Resp: 940

Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	32.7
203	0.0	0.0	37.8

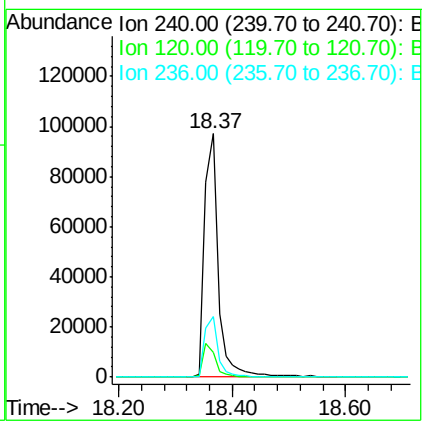


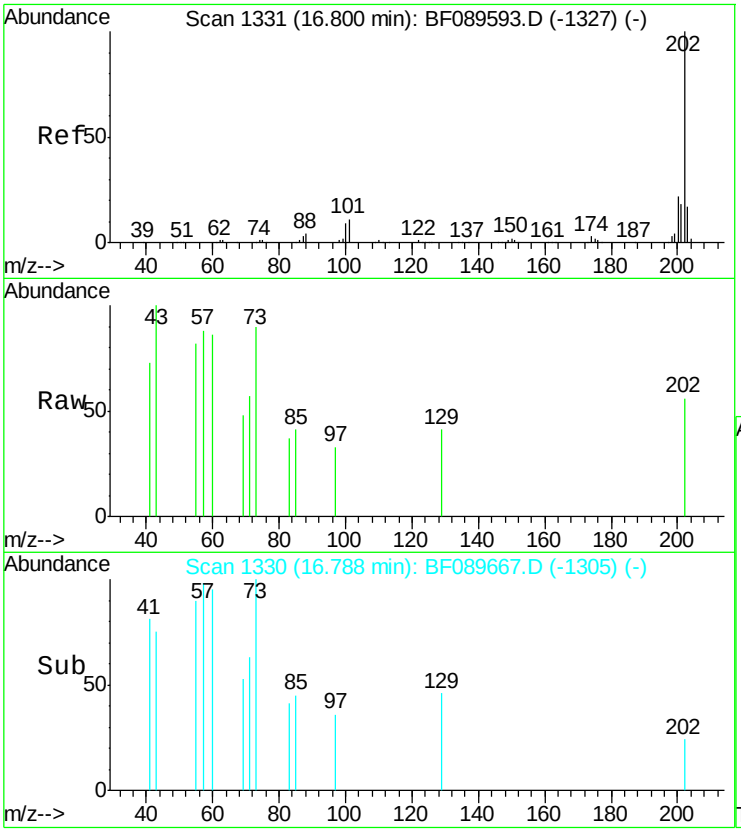


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:240 Resp: 156592

Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.6	15.8#
236	24.8	20.6	30.8



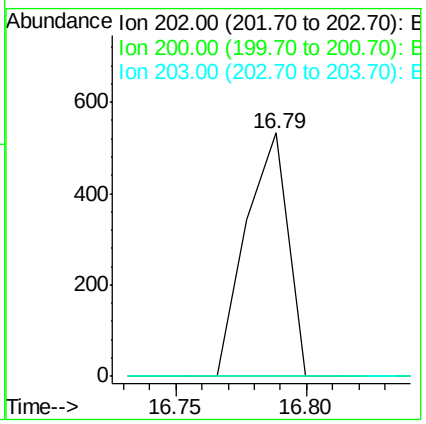


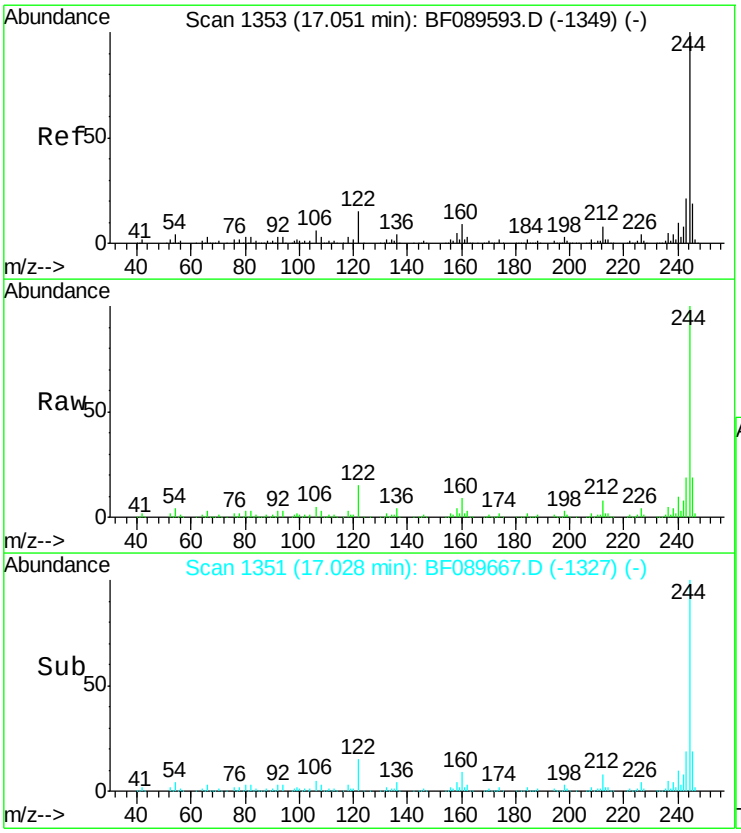
#77
Pyrene
Concen: 0.04 ng
RT: 16.79 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion:202 Resp: 601

Ion	Ratio	Lower	Upper
202	100		
200	0.0	17.4	26.0#
203	0.0	13.6	20.4#

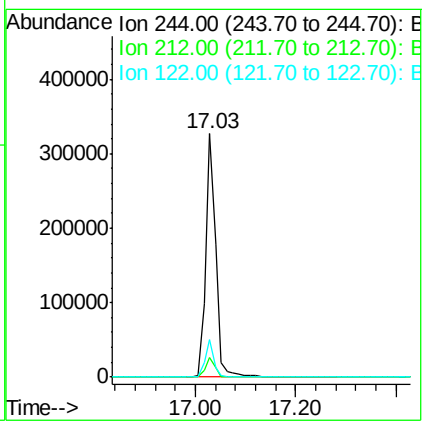


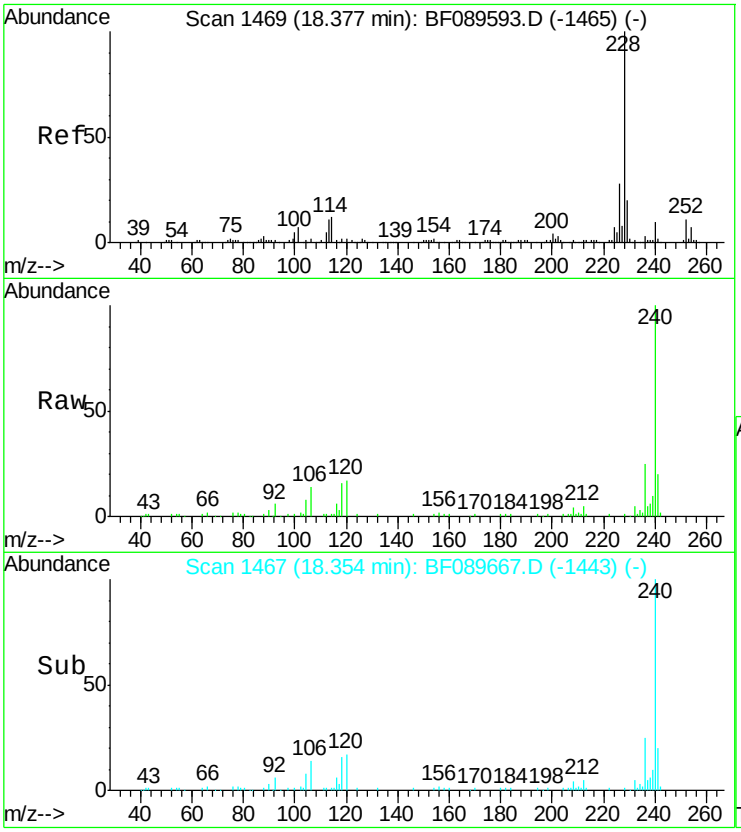


#78
Terphenyl-d14
Concen: 56.72 ng
RT: 17.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:244 Resp: 449919

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	15.3	12.2	18.2



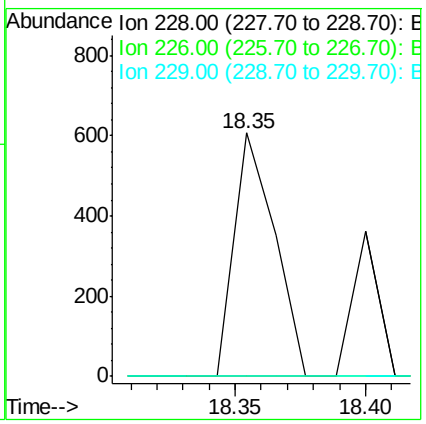


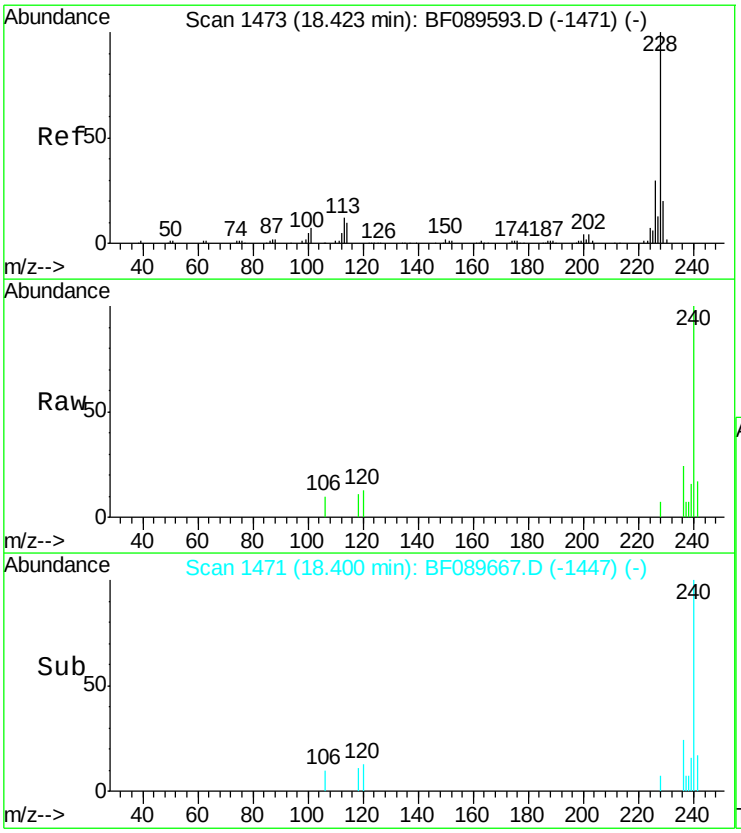
#80
Benzo(a)anthracene
Concen: 0.07 ng
RT: 18.35 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion:228 Resp: 658

Ion	Ratio	Lower	Upper
228	100		
226	0.0	22.3	33.5#
229	0.0	15.9	23.9#

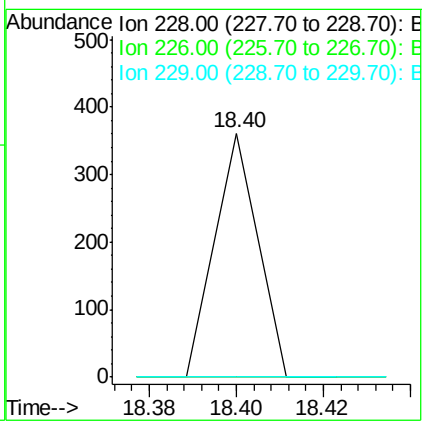


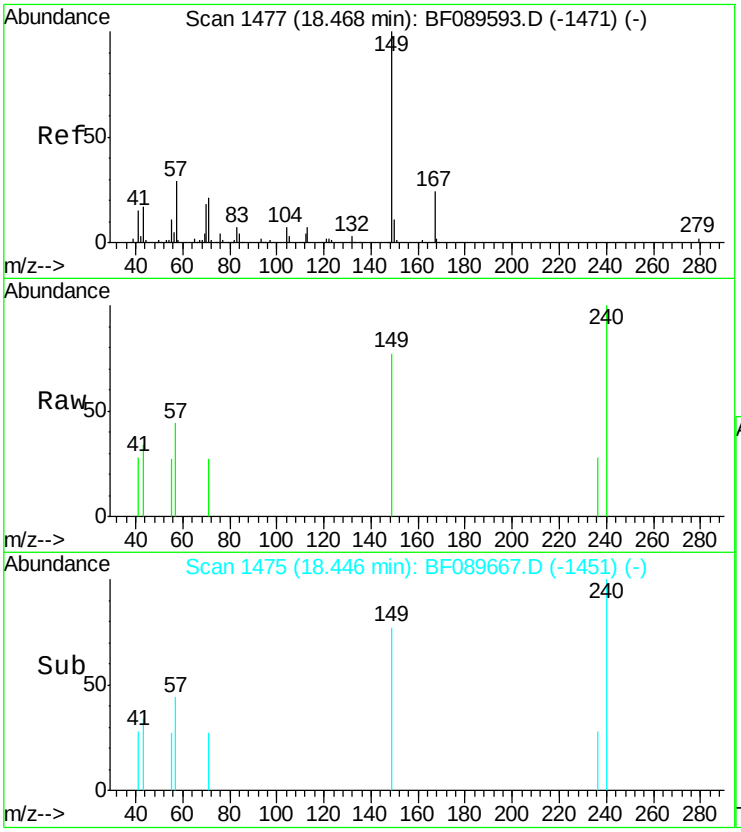


#82
Chrysene
Concen: 0.03 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.02 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:228 Resp: 248

Ion	Ratio	Lower	Upper
228	100		
226	0.0	24.2	36.2#
229	0.0	16.0	24.0#



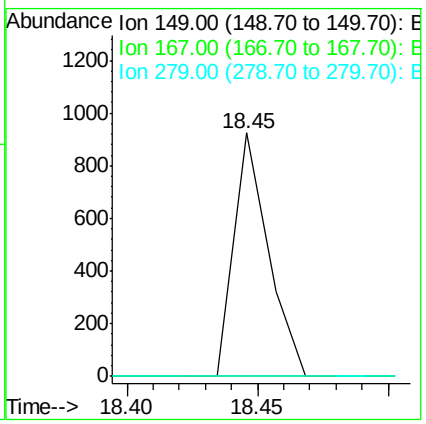


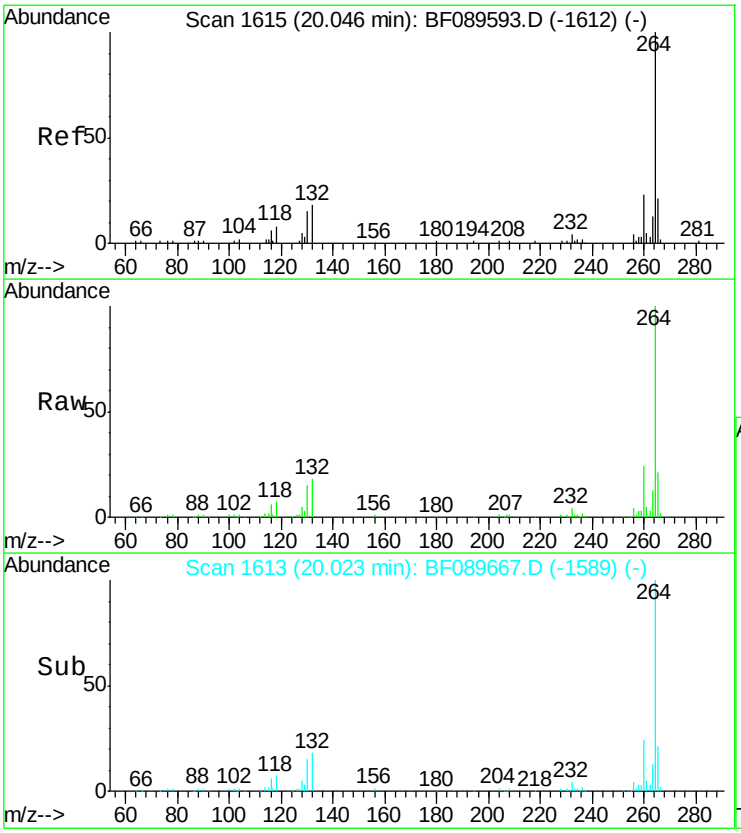
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.10 ng
RT: 18.45 min Scan# 1475
Delta R.T. -0.02 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion:149 Resp: 855

Ion	Ratio	Lower	Upper
149	100		
167	0.0	19.0	28.4#
279	0.0	1.8	2.6#

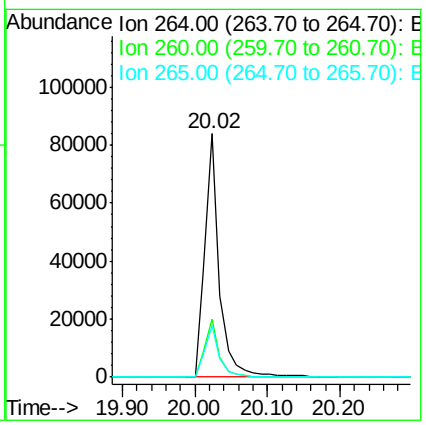


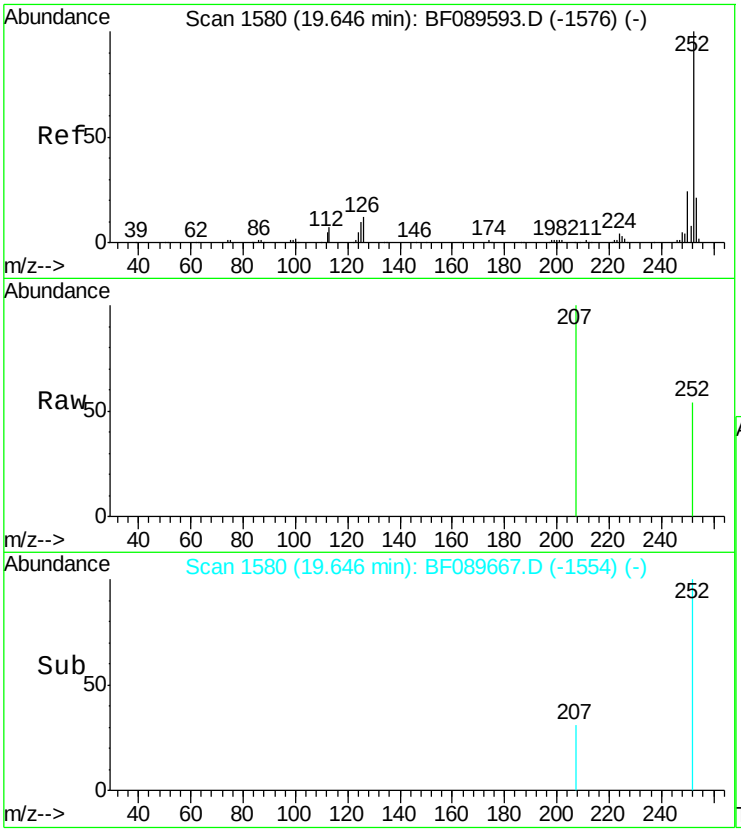


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:264 Resp: 116210

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.5	16.5	24.7



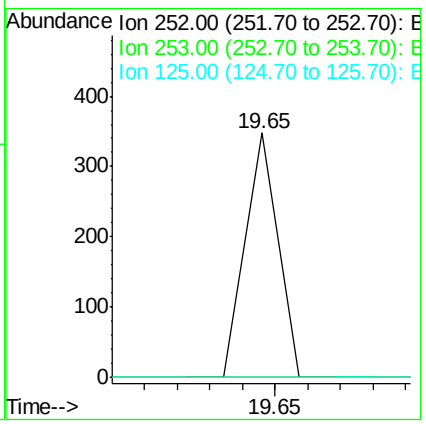


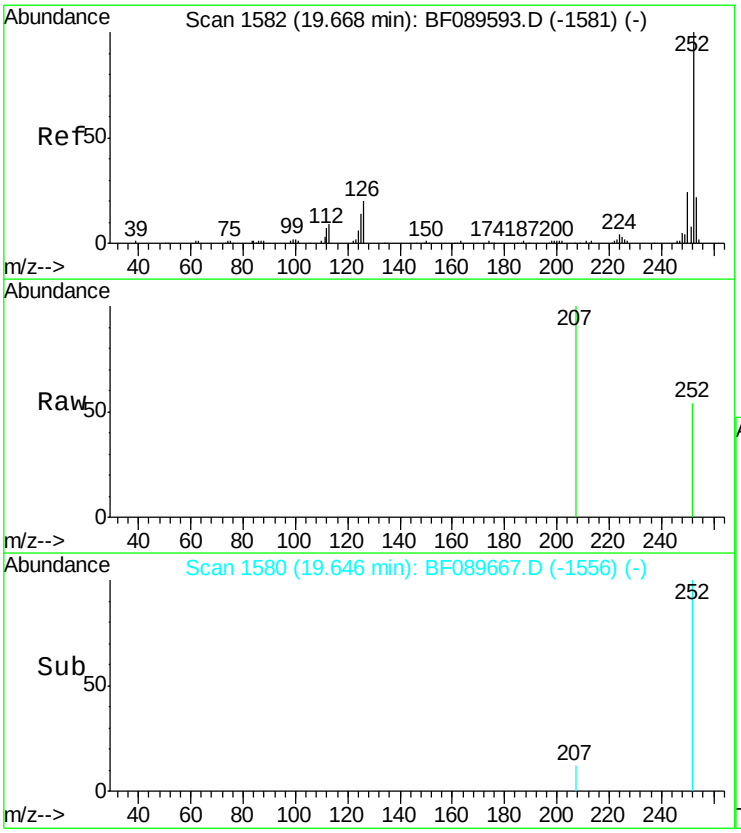
#87
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 19.65 min Scan# 1580
Delta R.T. 0.00 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion:252 Resp: 239

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.1	25.7#
125	0.0	7.8	11.8#

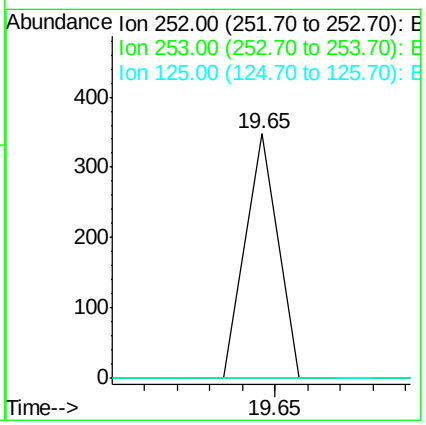


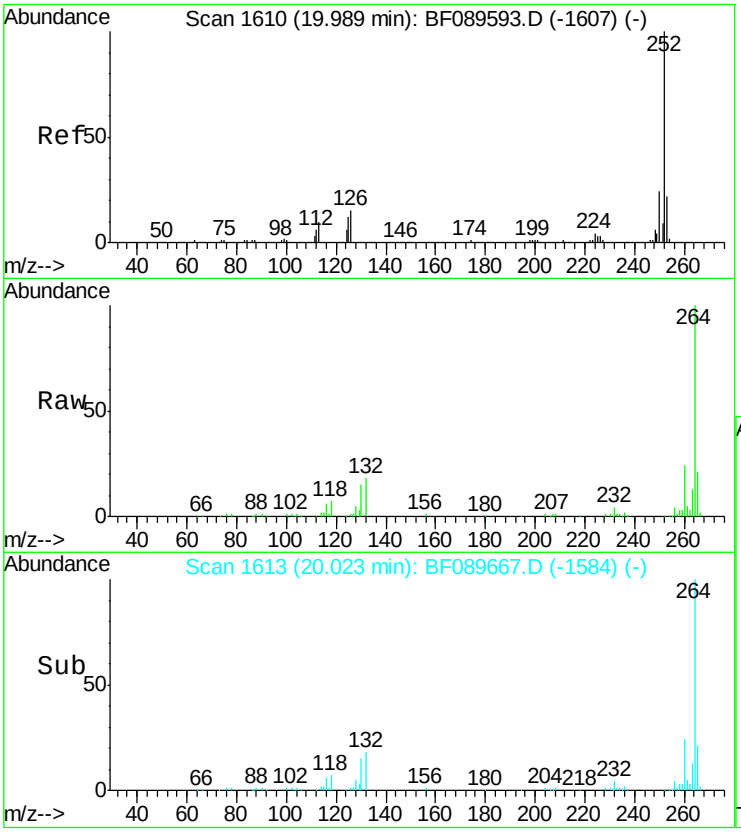


#88
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 19.65 min Scan# 1580
Delta R.T. -0.02 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Tgt Ion:252 Resp: 239

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.3	25.9#
125	0.0	11.0	16.6#





#89
Benzo(a)pyrene
Concen: 0.04 ng
RT: 20.02 min Scan# 1613
Delta R.T. 0.03 min
Lab File: BF089667.D
Acq: 8 Aug 2016 18:27

Instrument :
BNA_F
ClientSampleId :
SB-63-6.5-7.5

Tgt Ion:252 Resp: 255

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.0#
125	0.0	9.9	14.9#