Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089580.D
Acq On : 4 Aug 2016 5:31
Operator : UM/SJ
Sample : H4328-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 04 08:01:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 07:58:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	65308	20.00	ng		-0.01
21) Naphthalene-d8	9.48	136	281319	20.00	ng		-0.01
38) Acenaphthene-d10	12.32	164	129795	20.00	ng		0.00
63) Phenanthrene-d10	14.71	188	230317	20.00	ng		-0.01
75) Chrysene-d12	18.40	240	131594	20.00	ng		-0.01
86) Perylene-d12	20.07	264	133156	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	126630	32.64	ng		0.00
7) Phenol-d6	6.99	99	184397	35.09	ng		-0.01
23) Nitrobenzene-d5	8.36	82	105174	20.68	ng		-0.01
41) 2,4,6-Tribromophenol	13.60	330	28780	27.92	ng		-0.01
44) 2-Fluorobiphenyl	11.27	172	163586	16.37	ng		-0.01
78) Terphenyl-d14	17.06	244	95109	14.50	ng		-0.01
Target Compounds							Qvalue
10) Phenol	7.03	94	226	0.04	ng	#	1
15) Benzyl Alcohol	7.69	79	1591	0.46	ng	#	53
19) n-Nitroso-di-n-propylamine	8.36	70	10730	2.90	ng	#	79
25) Isophorone	8.94	82	215	0.02	ng	#	67
48) Acenaphthylene	12.10	152	923	0.06	ng	#	60
49) Dimethylphthalate	11.96	163	49710	5.00	ng		99
50) 2,6-Dinitrotoluene	11.95	165	470	0.24	ng	#	1
65) n-Nitrosodiphenylamine	13.60	169	1039	0.13	ng	#	40
70) Phenanthrene	14.75	178	6892	0.56	ng	#	96
71) Anthracene	14.86	178	828	0.06	ng	#	61
73) Di-n-butylphthalate	15.71	149	268	0.02	ng	#	78
74) Fluoranthene	16.51	202	8168	0.66	ng		96
77) Pyrene	16.82	202	10842	0.93	ng		95
80) Benzo(a)anthracene	18.40	228	3874	0.51	ng	#	86
82) Chrysene	18.40	228	3874	0.49	ng	#	92
83) Bis(2-ethylhexyl)phthalate	18.49	149	669	0.11	ng	#	55
85) Indeno(1,2,3-cd)pyrene	21.29	276	1341	Below Cal		#	47
87) Benzo(b)fluoranthene	19.68	252	3864	0.47	ng	#	78
88) Benzo(k)fluoranthene	19.68	252	3864	0.48	ng	#	76
89) Benzo(a)pyrene	20.02	252	3142	0.42	ng	#	74
91) Benzo(g,h,i)perylene	21.63	276	1498	0.20	ng	#	50

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080316\
Data File : BF089580.D
Acq On : 4 Aug 2016 5:31
Operator : UM/SJ
Sample : H4328-01 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 04 08:01:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 04 07:58:27 2016
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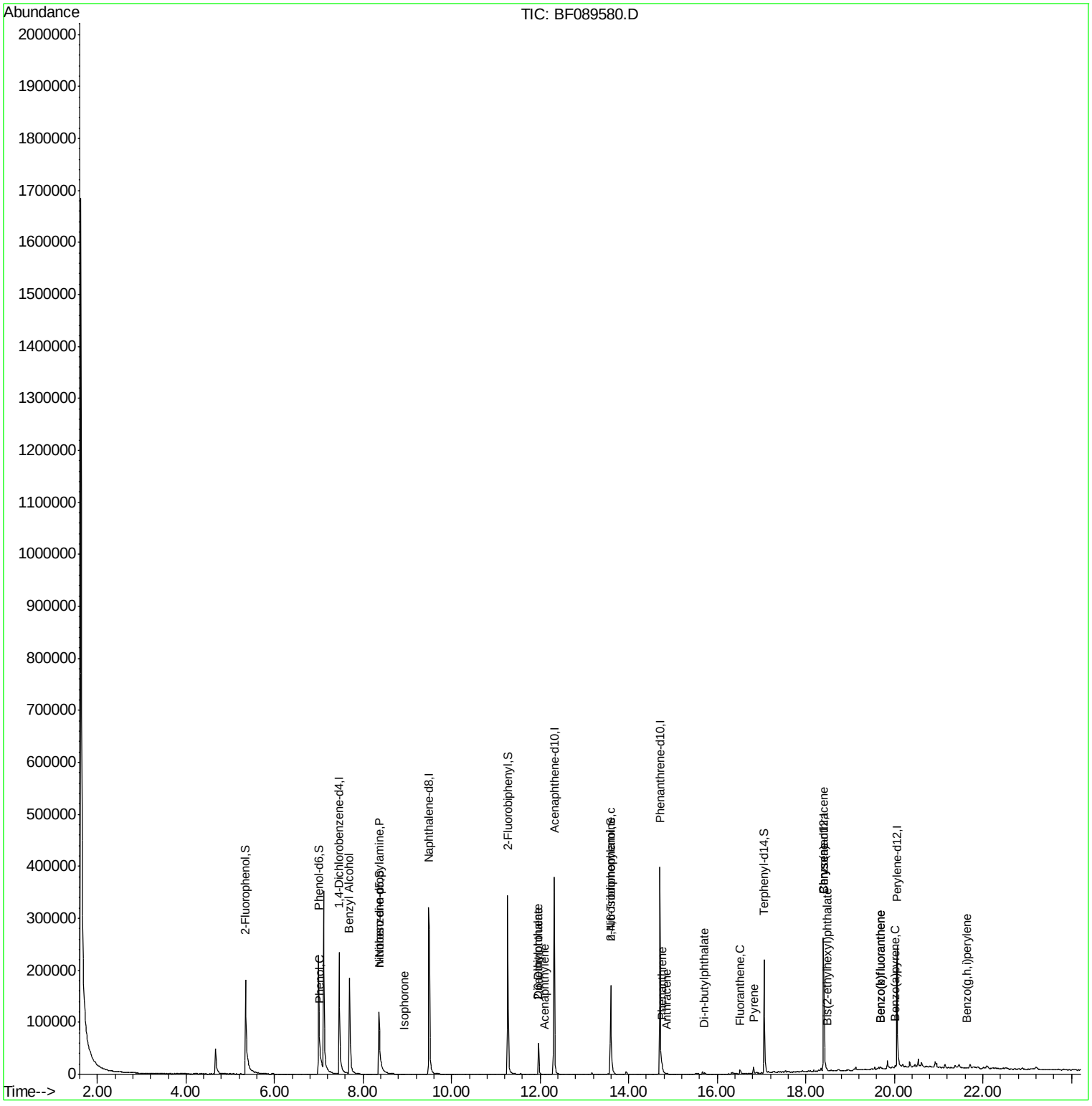
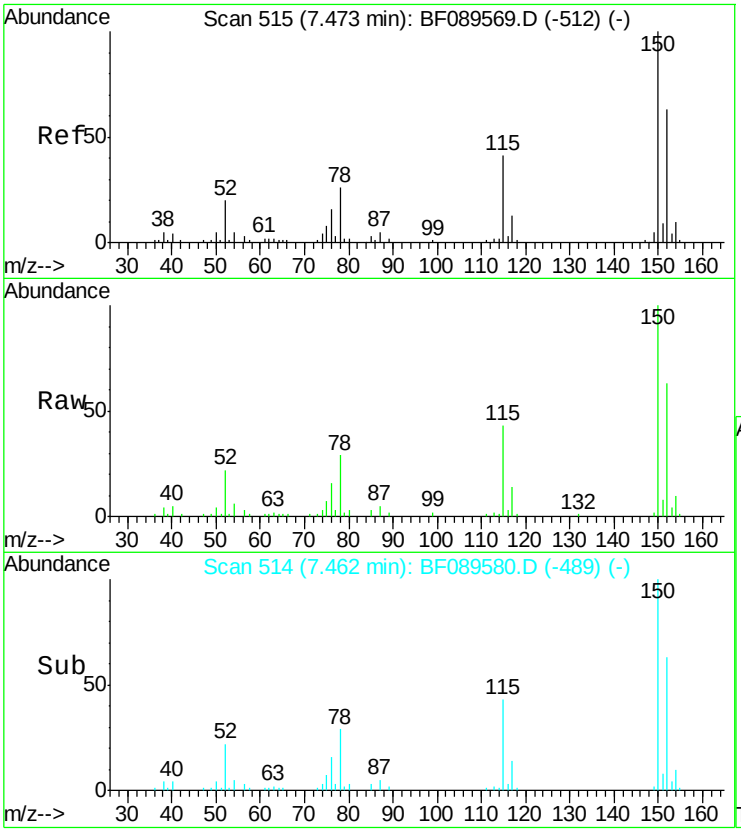


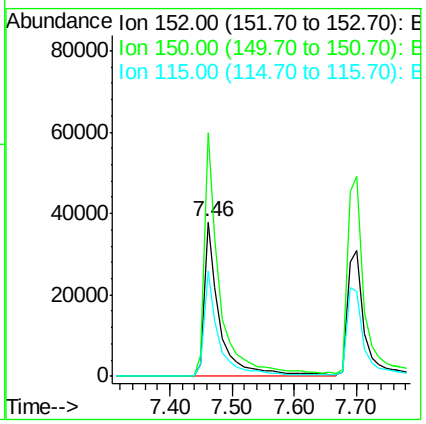


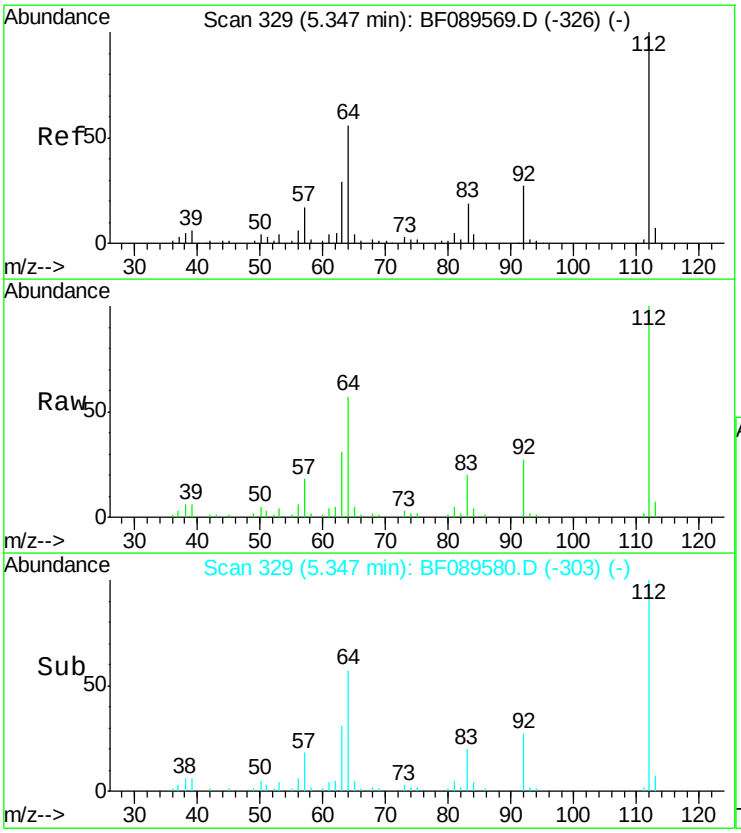
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.46 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 65308

Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.4	191.2
115	68.4	51.8	77.8

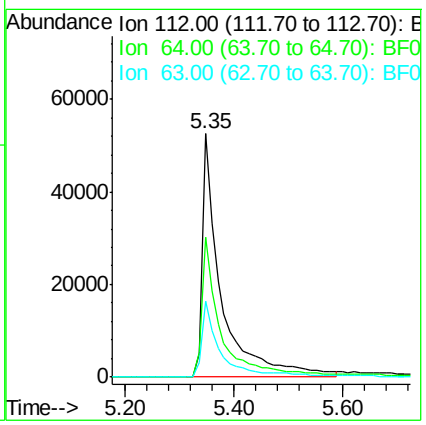


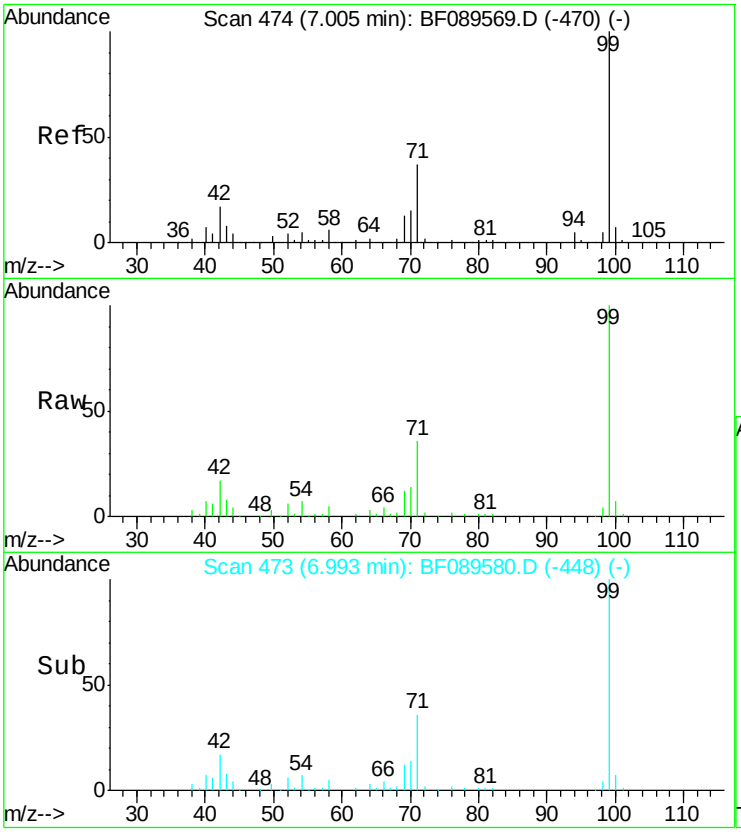


#5
2-Fluorophenol
Concen: 32.64 ng
RT: 5.35 min Scan# 329
Delta R.T. -0.00 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:112 Resp: 126630

Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.2	67.8
63	31.0	23.1	34.7



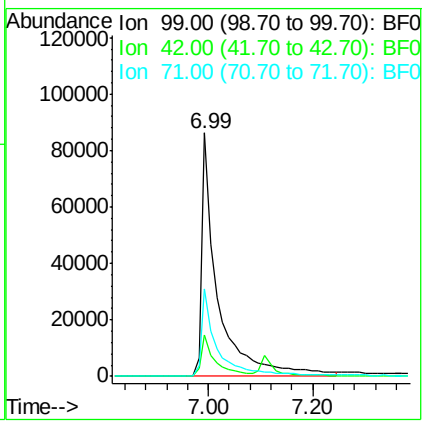


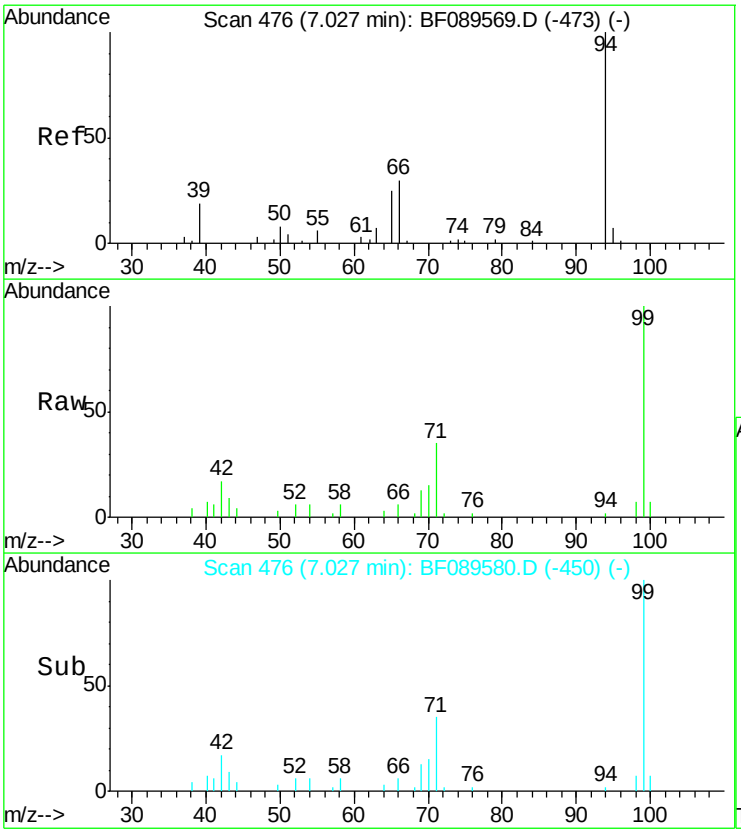
#7
Phenol-d6
Concen: 35.09 ng
RT: 6.99 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 184397

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.9	20.9
71	36.0	29.3	43.9

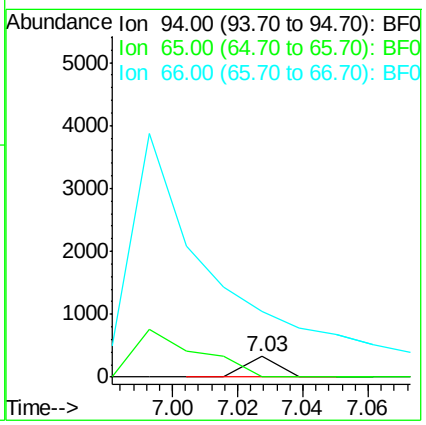


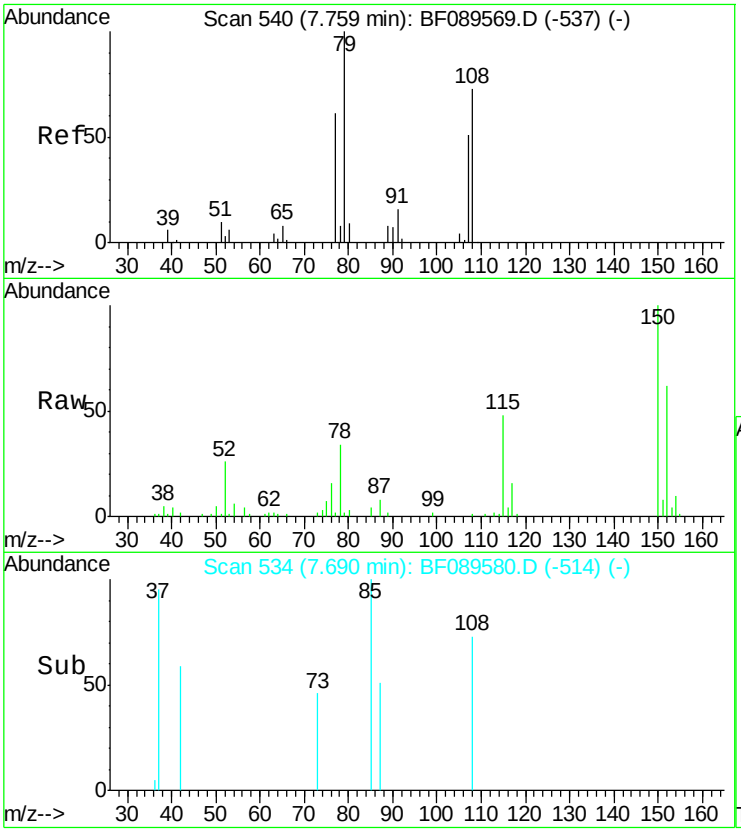


#10
Phenol
Concen: 0.04 ng
RT: 7.03 min Scan# 476
Delta R.T. -0.00 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion: 94 Resp: 226

Ion	Ratio	Lower	Upper
94	100		
65	0.0	11.9	51.9#
66	320.1	30.9	70.9#



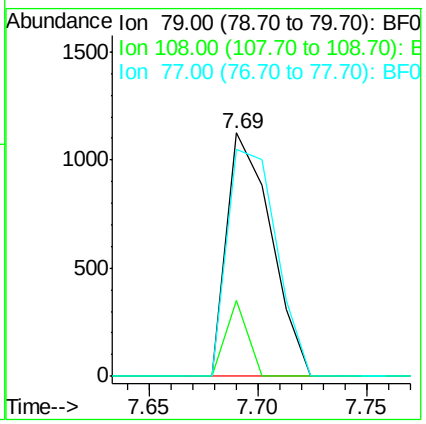


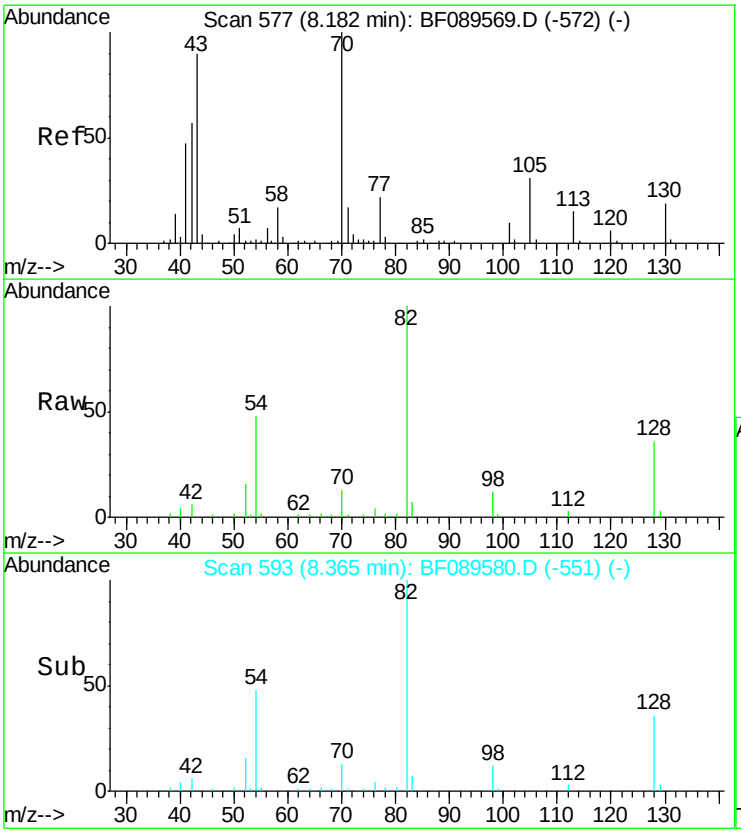
#15
Benzyl Alcohol
Concen: 0.46 ng
RT: 7.69 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 1591

Ion	Ratio	Lower	Upper
79	100		
108	30.9	60.6	90.8#
77	93.2	50.0	75.0#

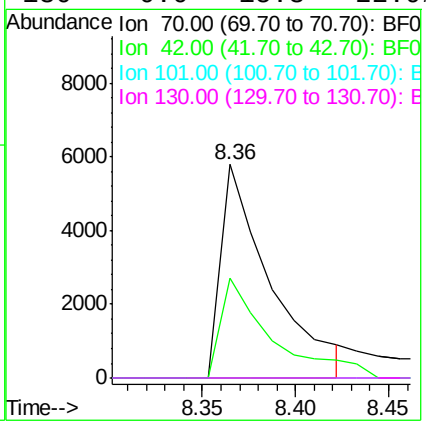


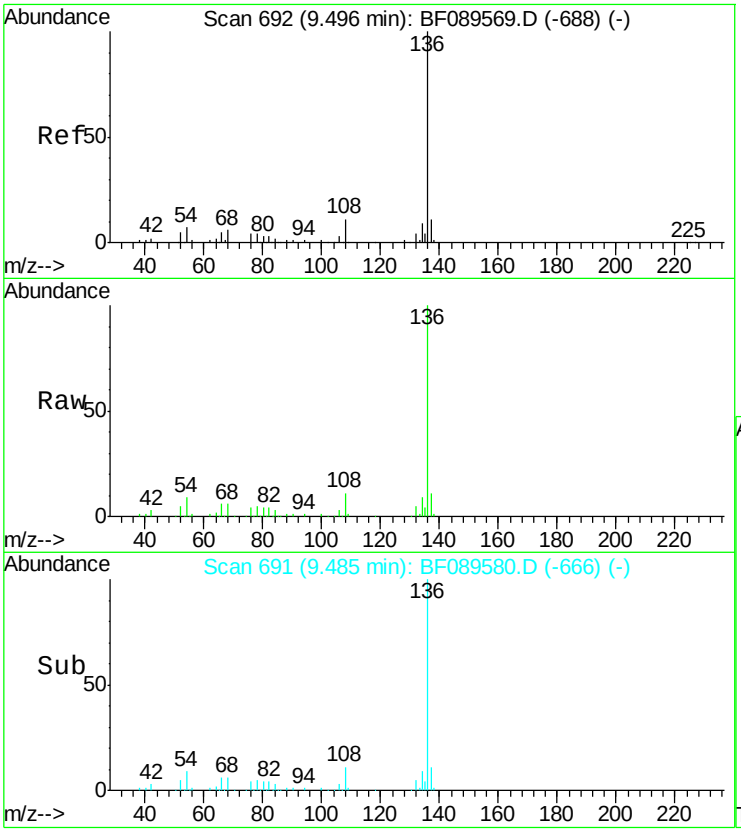


#19
n-Nitroso-di-n-propylamine
Concen: 2.90 ng
RT: 8.36 min Scan# 593
Delta R.T. 0.18 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion: 70 Resp: 10730

Ion	Ratio	Lower	Upper
70	100		
42	46.9	45.5	68.3
101	0.0	7.7	11.5#
130	0.0	15.3	22.9#



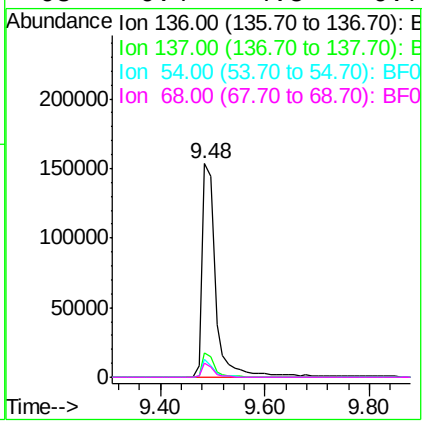


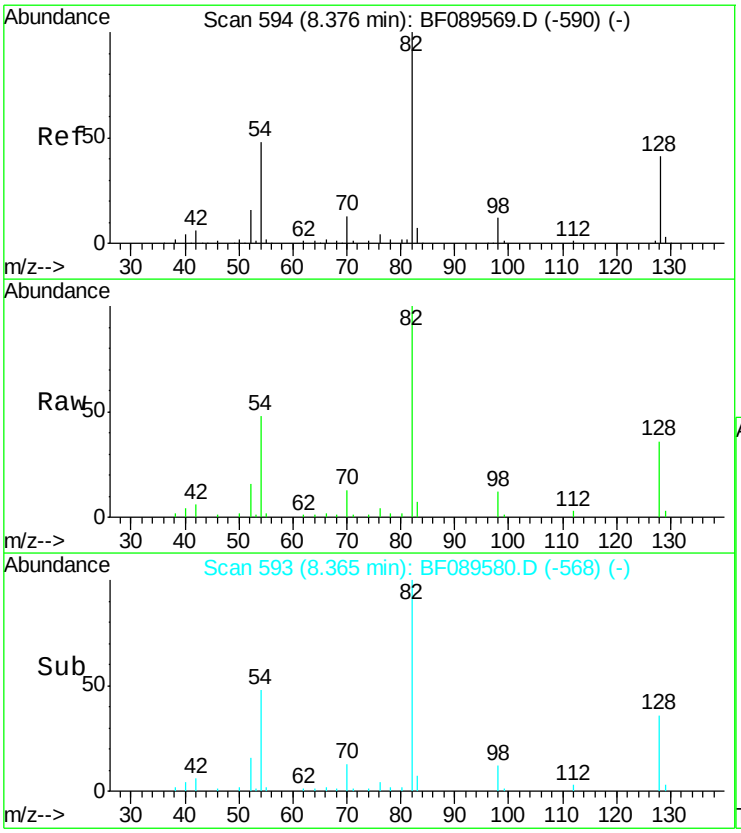
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.48 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 281319

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	8.6	5.9	8.9
68	6.4	4.5	6.7

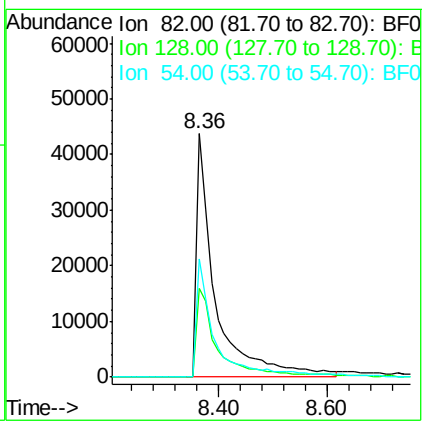


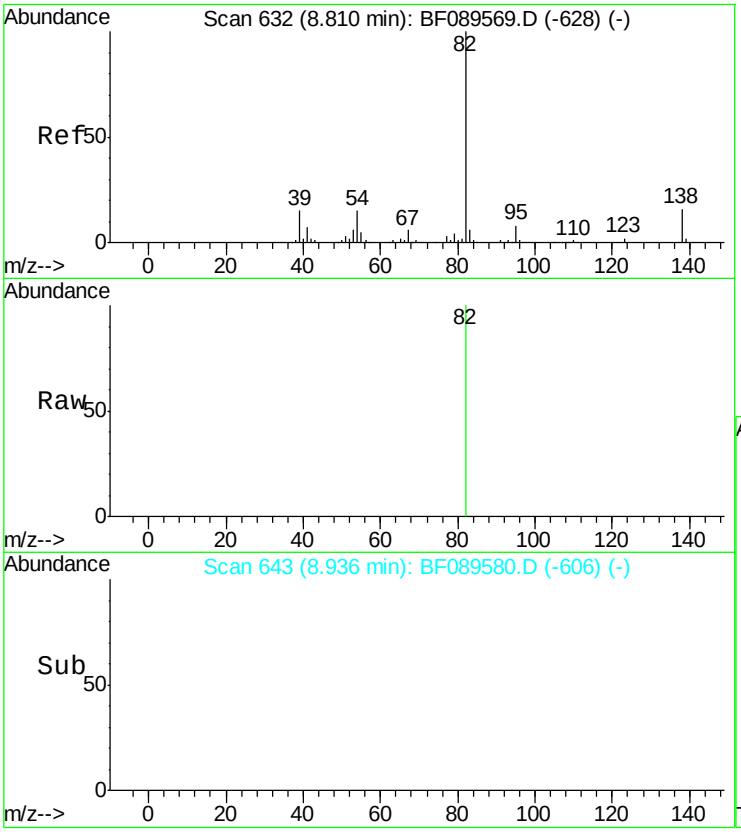


#23
Nitrobenzene-d5
Concen: 20.68 ng
RT: 8.36 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion: 82 Resp: 105174

Ion	Ratio	Lower	Upper
82	100		
128	36.5	32.4	48.6
54	48.4	38.6	58.0



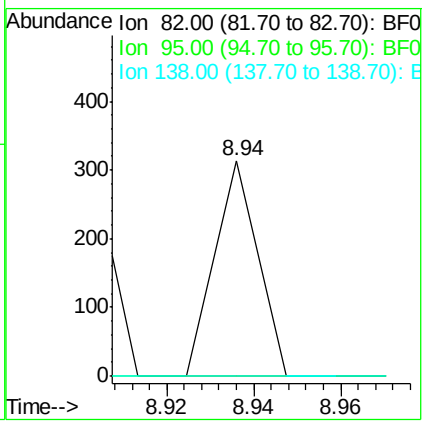


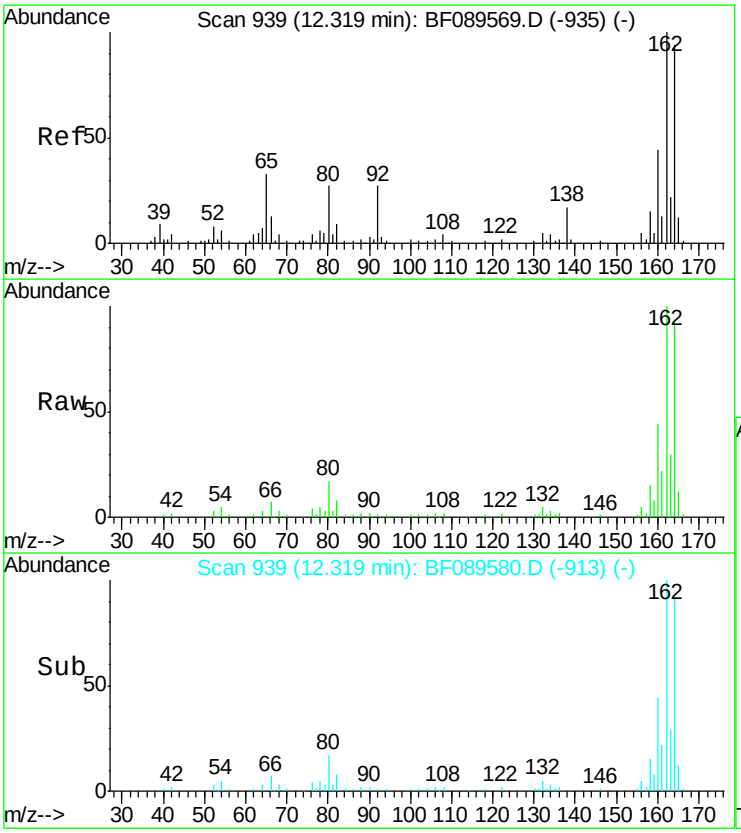
#25
Isophorone
Concen: 0.02 ng
RT: 8.94 min Scan# 643
Delta R.T. 0.13 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 215

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.1	9.1#
138	0.0	13.0	19.4#

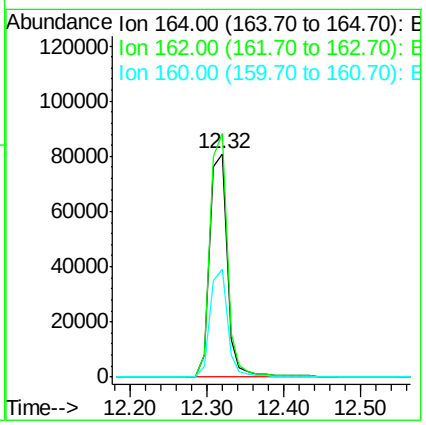


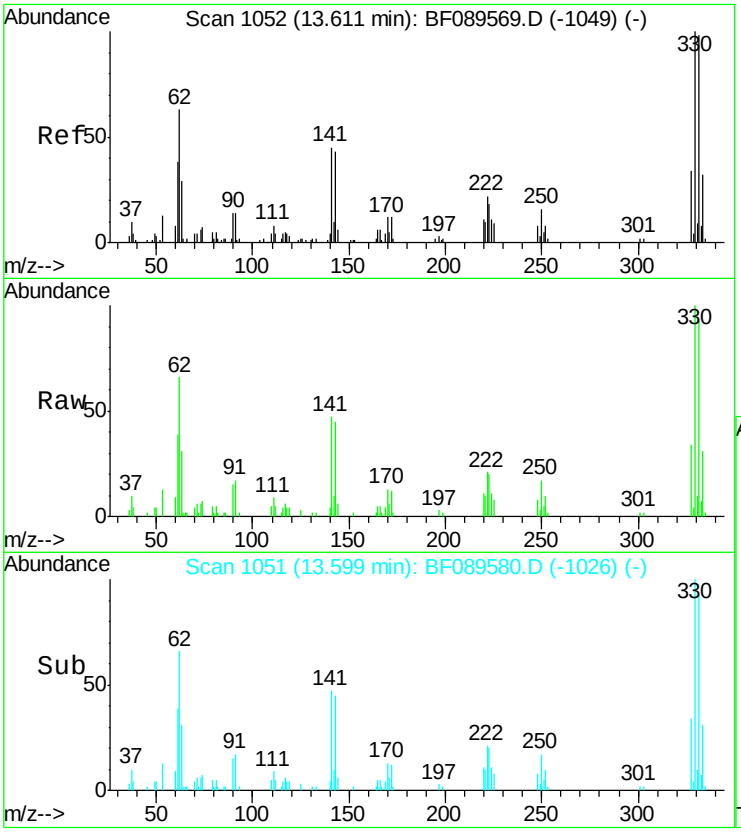


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.32 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:164 Resp: 129795

Ion	Ratio	Lower	Upper
164	100		
162	108.8	85.4	128.2
160	48.3	37.3	55.9



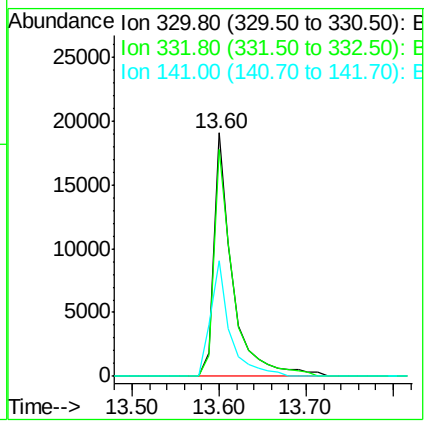


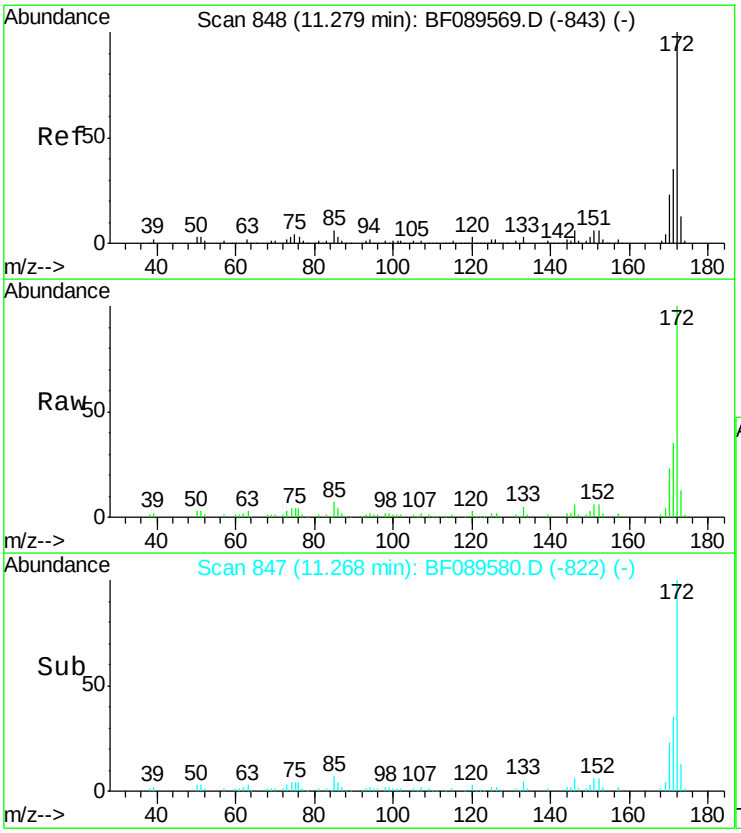
#41
2,4,6-Tribromophenol
Concen: 27.92 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 28780

Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.7	115.1
141	49.2	40.3	60.5

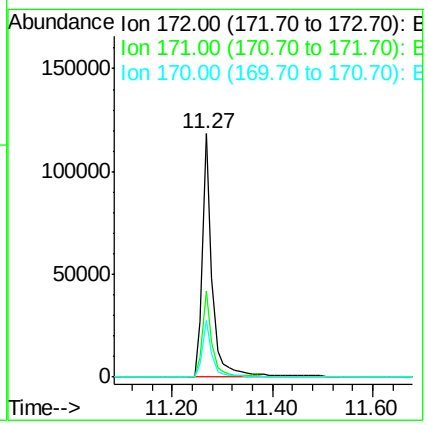


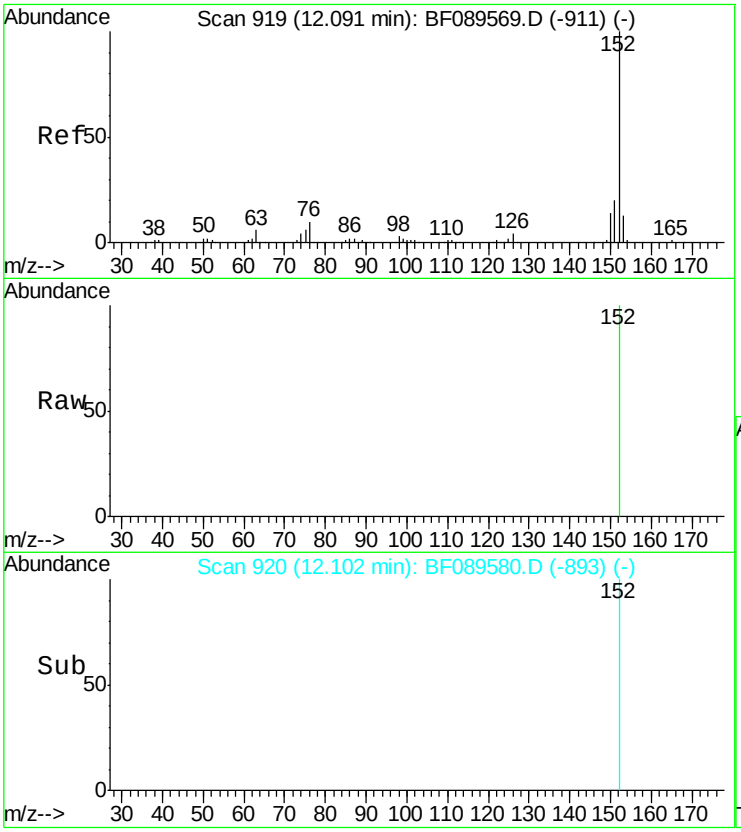


#44
2-Fluorobiphenyl
Concen: 16.37 ng
RT: 11.27 min Scan# 847
Delta R.T. -0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:172 Resp: 163586

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.1	42.1
170	23.2	18.6	28.0



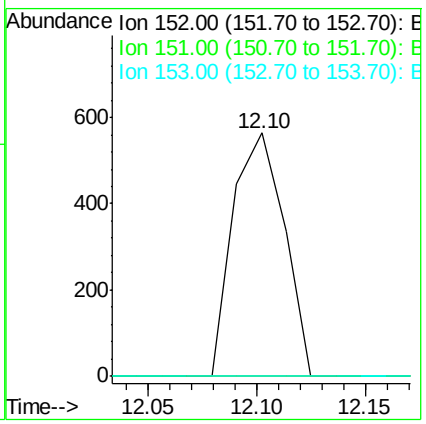


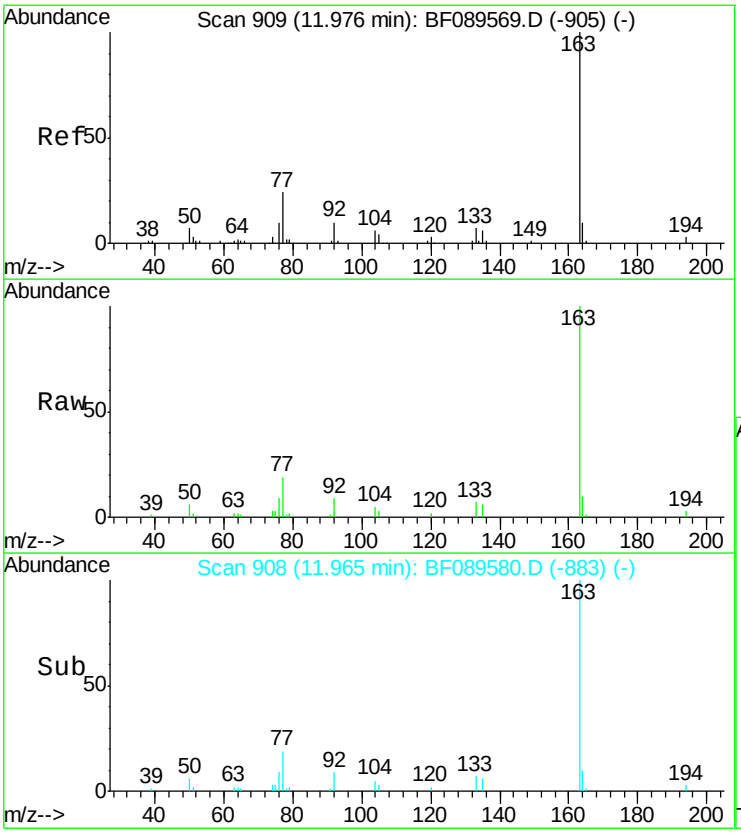
#48
Acenaphthylene
Concen: 0.06 ng
RT: 12.10 min Scan# 920
Delta R.T. 0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 923

Ion	Ratio	Lower	Upper
152	100		
151	0.0	16.3	24.5#
153	0.0	10.6	15.8#

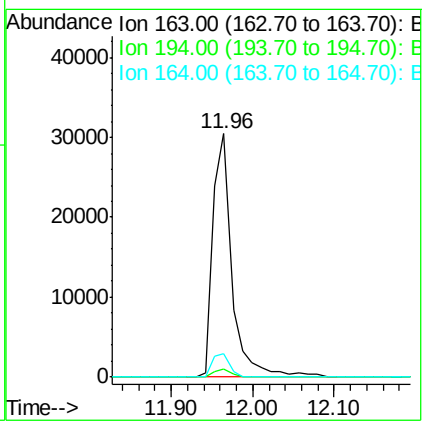


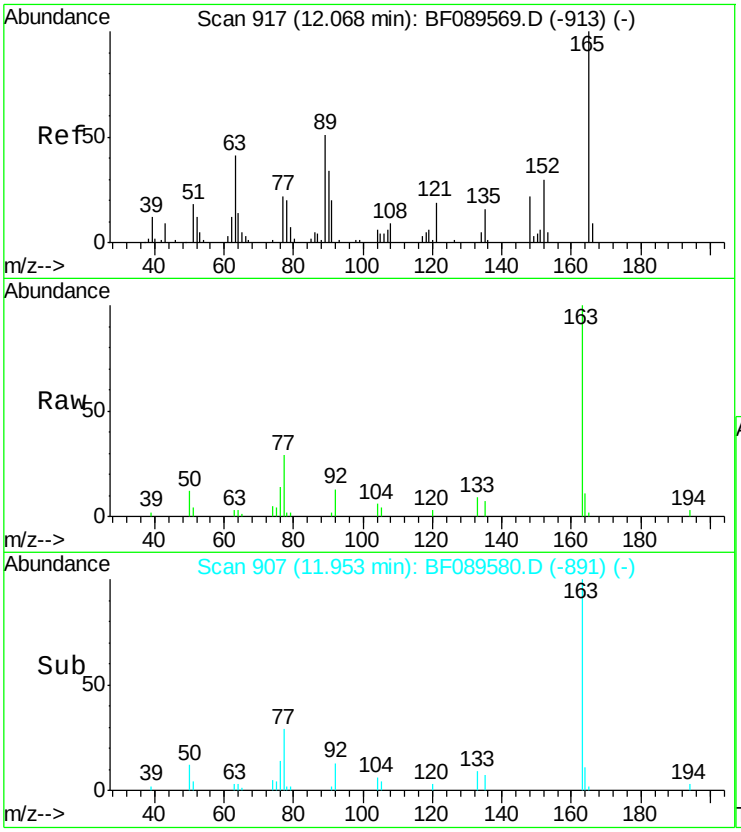


#49
Dimethylphthalate
Concen: 5.00 ng
RT: 11.96 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:163 Resp: 49710

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.4	3.6
164	9.8	8.2	12.4



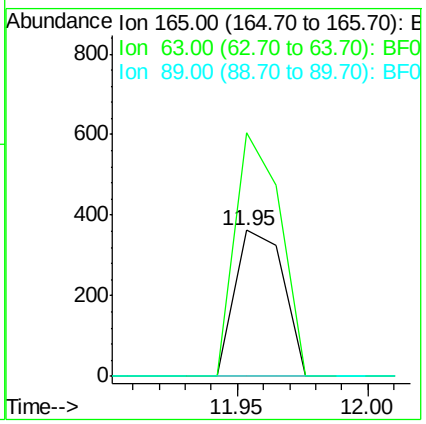


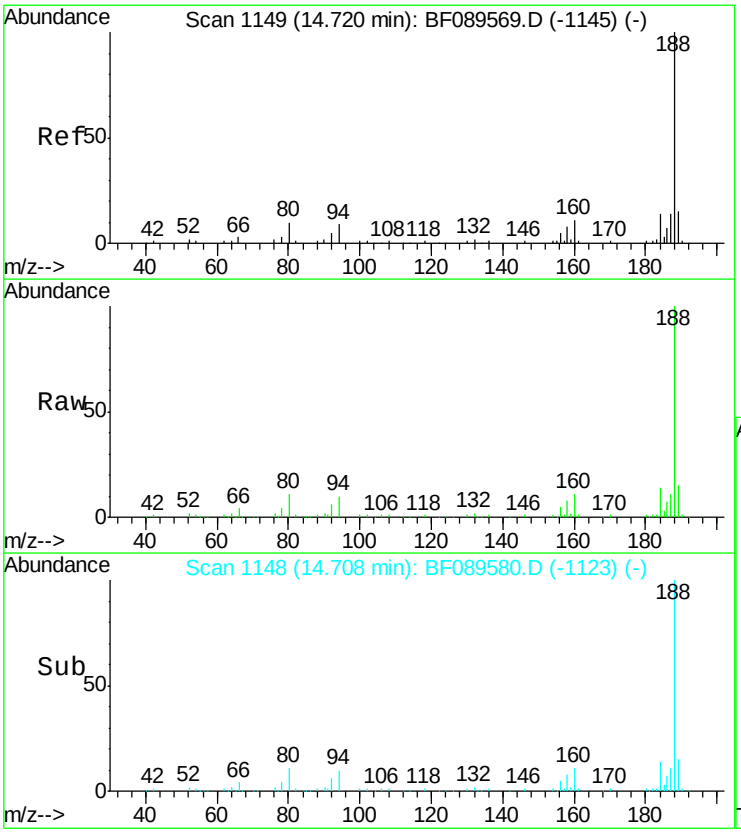
#50
2,6-Dinitrotoluene
Concen: 0.24 ng
RT: 11.95 min Scan# 907
Delta R.T. -0.11 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 470

Ion	Ratio	Lower	Upper
165	100		
63	166.9	40.2	60.4#
89	0.0	40.6	61.0#

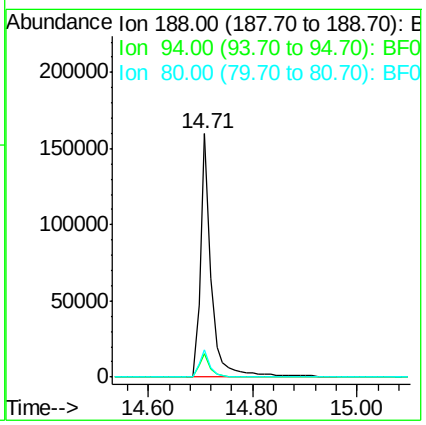


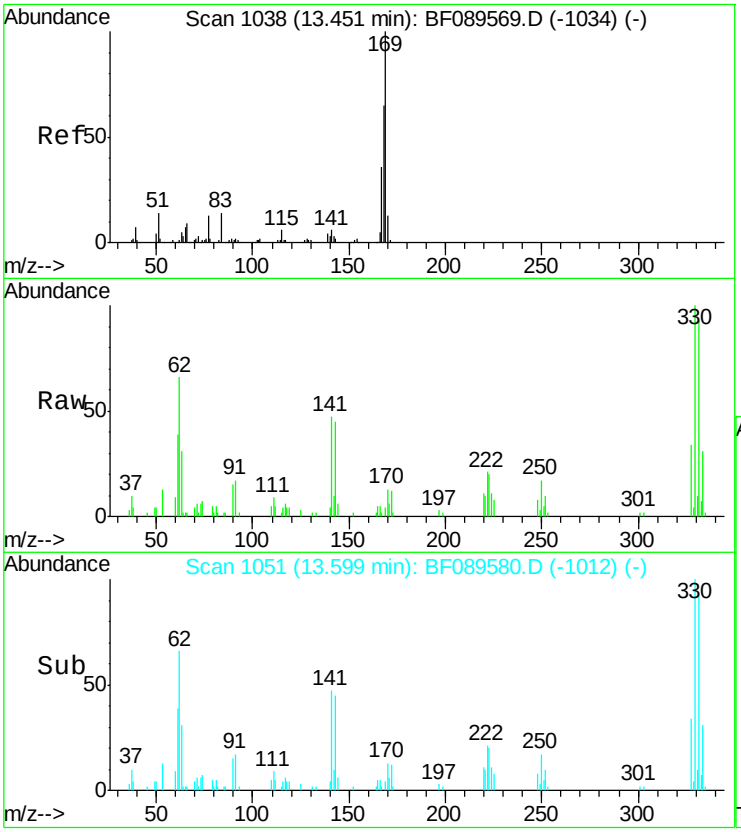


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.71 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:188 Resp: 230317

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.0	10.4
80	11.0	7.7	11.5



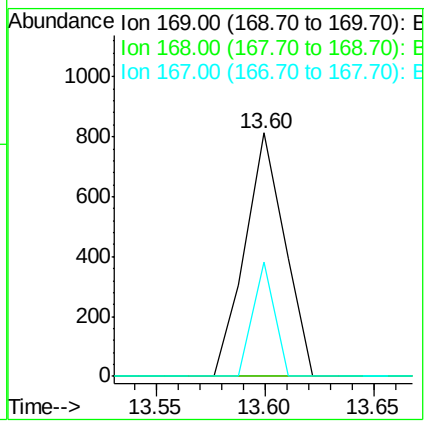


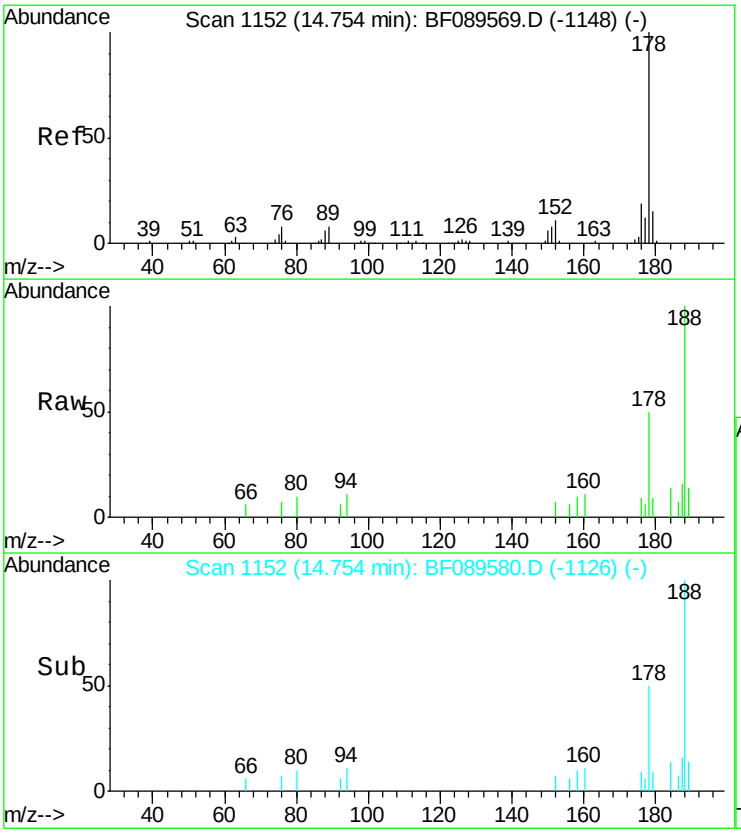
#65
n-Nitrosodiphenylamine
Concen: 0.13 ng
RT: 13.60 min Scan# 1051
Delta R.T. 0.15 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:169 Resp: 1039

Ion	Ratio	Lower	Upper
169	100		
168	0.0	53.0	79.4#
167	46.7	29.1	43.7#

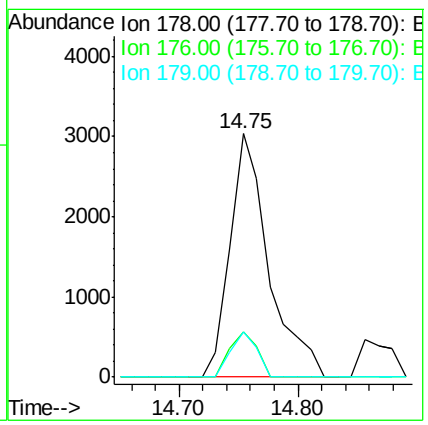


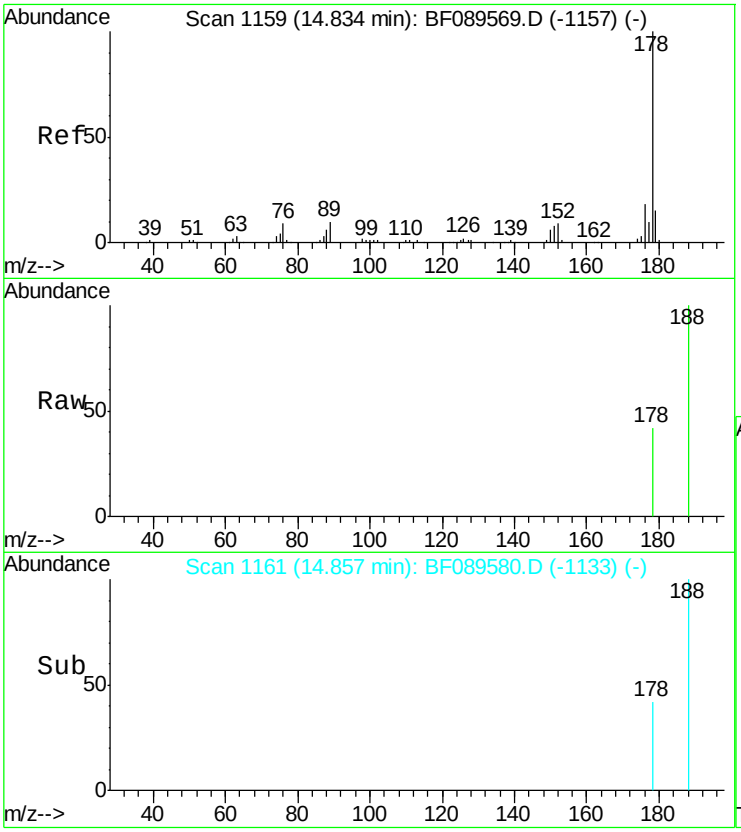


#70
Phenanthrene
Concen: 0.56 ng
RT: 14.75 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:178 Resp: 6892

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	18.6	12.2	18.4#



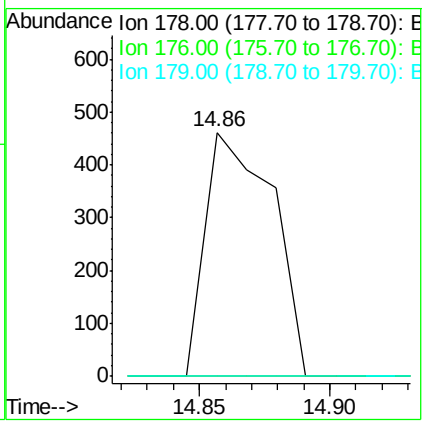


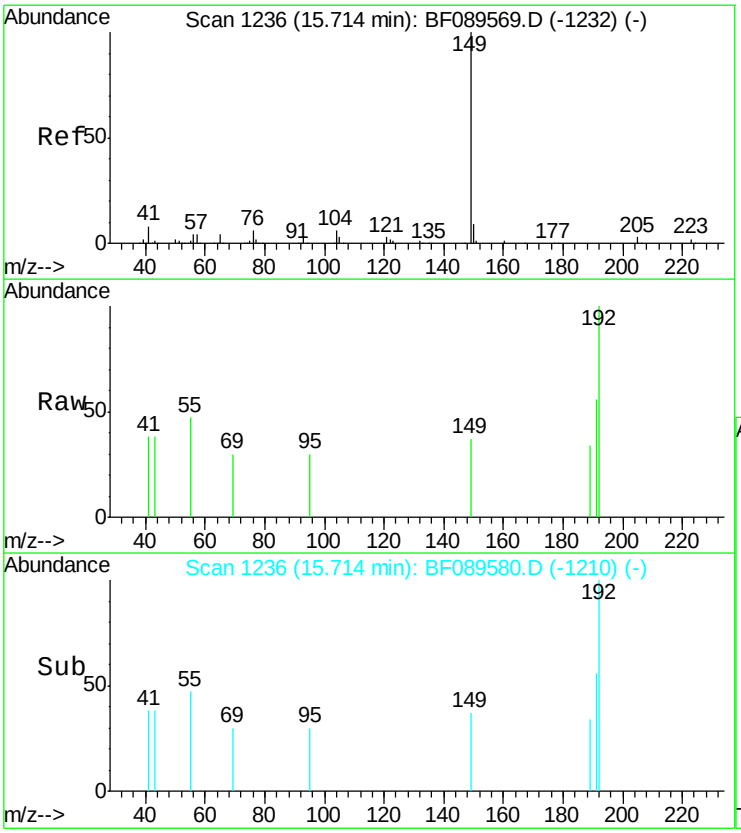
#71
Anthracene
Concen: 0.06 ng
RT: 14.86 min Scan# 1161
Delta R.T. 0.02 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 828

Ion	Ratio	Lower	Upper
178	100		
176	0.0	14.7	22.1#
179	0.0	12.2	18.2#

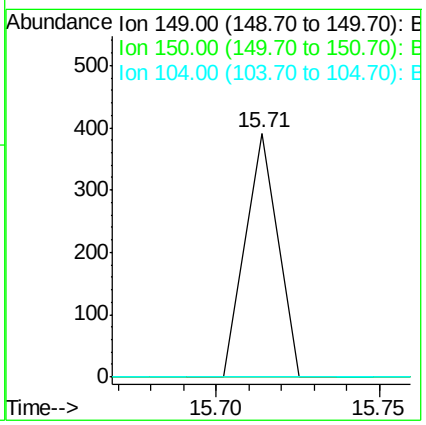


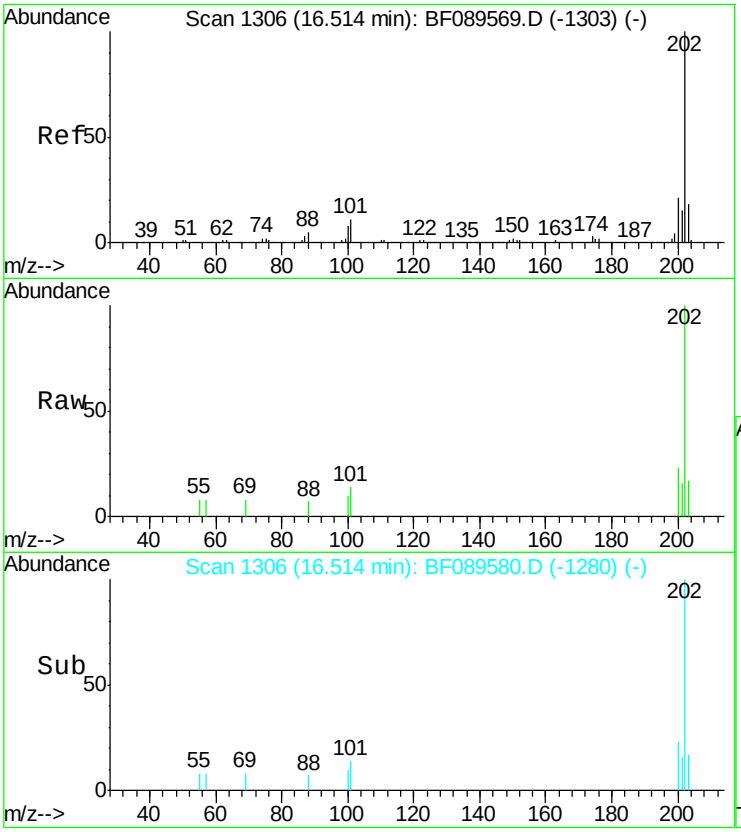


#73
Di-n-butylphthalate
Concen: 0.02 ng
RT: 15.71 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:149 Resp: 268

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.4	11.0#
104	0.0	4.6	7.0#



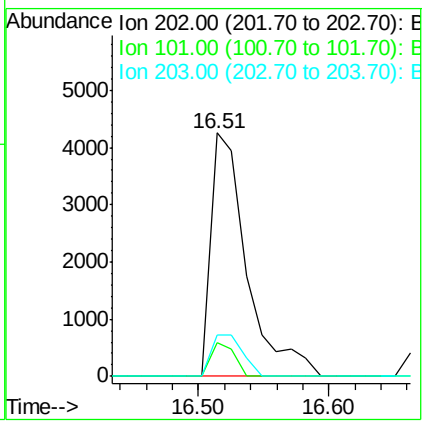


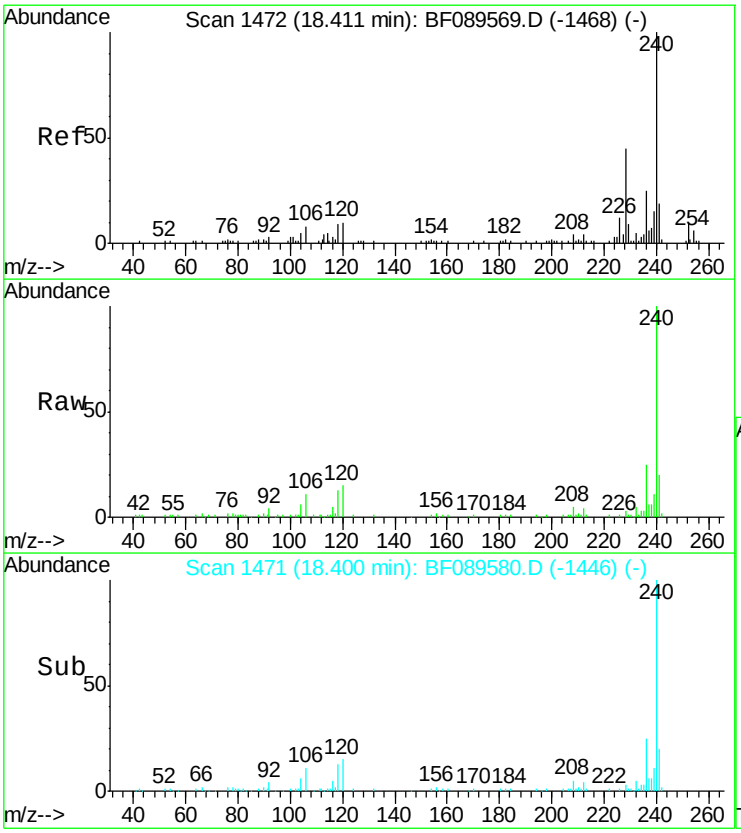
#74
Fluoranthene
Concen: 0.66 ng
RT: 16.51 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 8168

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	31.0
203	16.9	0.0	37.7

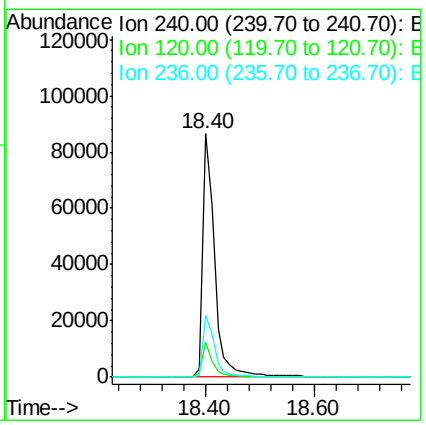


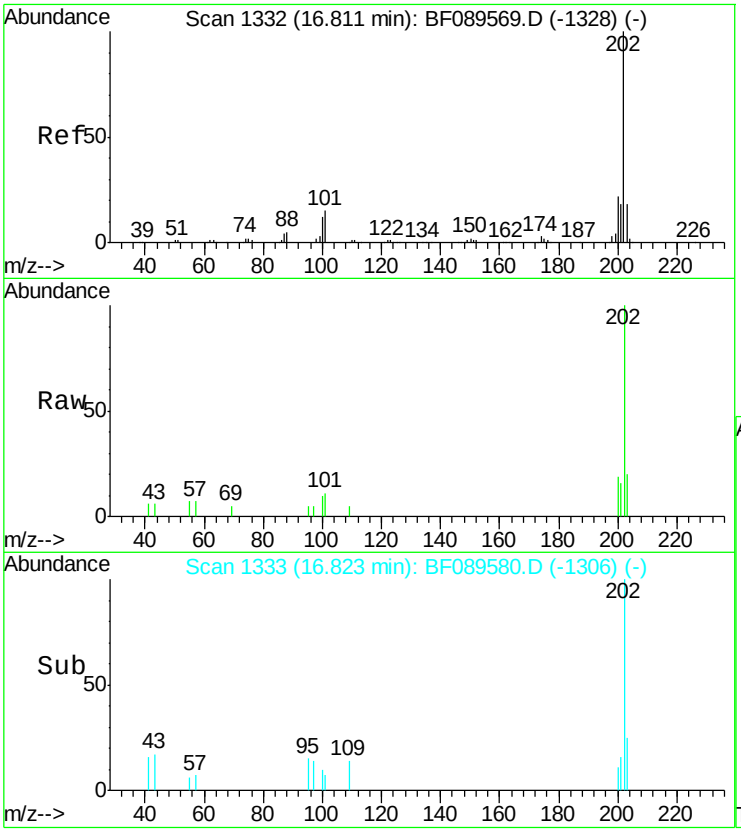


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:240 Resp: 131594

Ion	Ratio	Lower	Upper
240	100		
120	14.6	8.2	12.2#
236	25.2	20.3	30.5



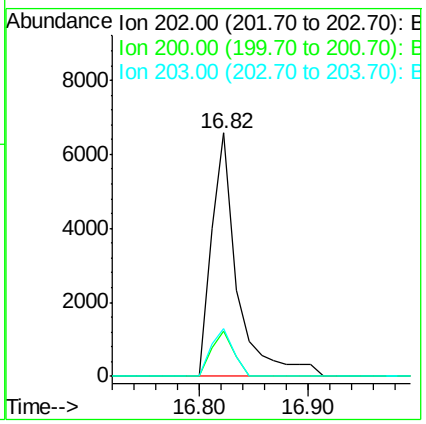


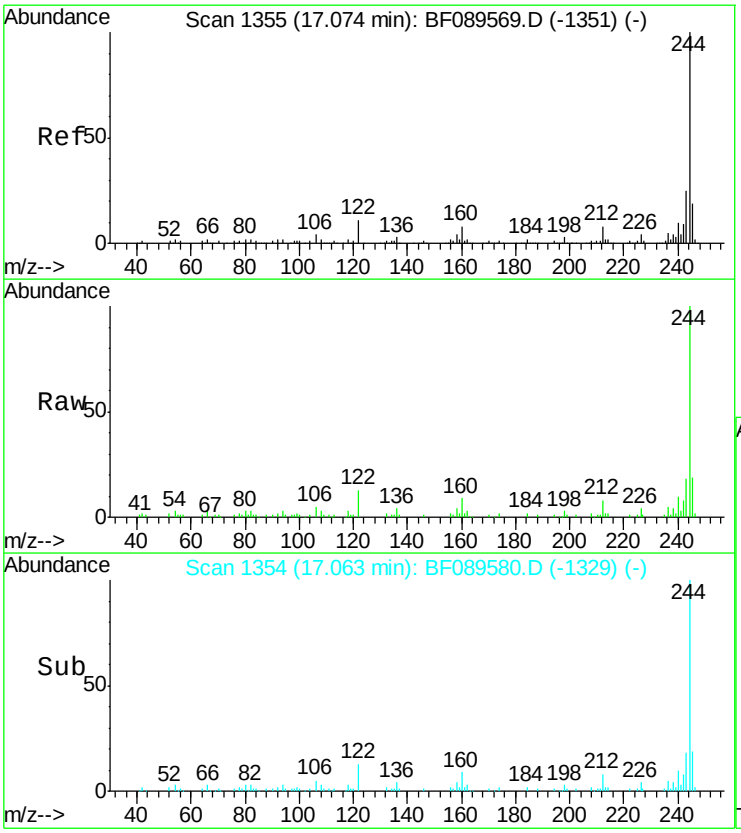
#77
Pyrene
Concen: 0.93 ng
RT: 16.82 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 10842

Ion	Ratio	Lower	Upper
202	100		
200	18.6	17.2	25.8
203	19.6	14.2	21.2

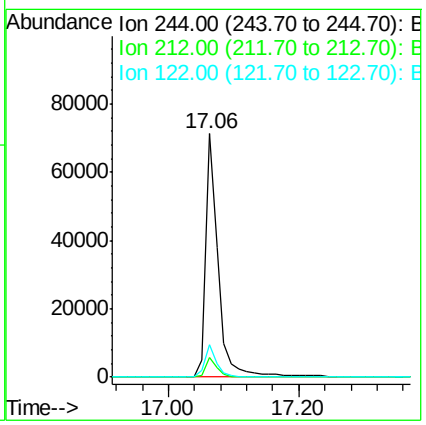


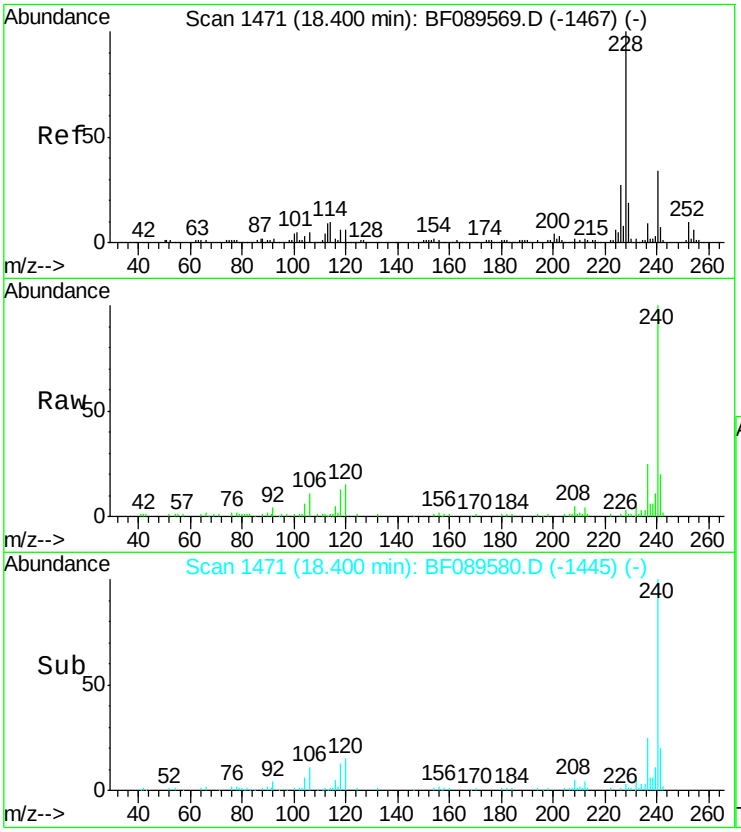


#78
Terphenyl-d14
Concen: 14.50 ng
RT: 17.06 min Scan# 1354
Delta R.T. -0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:244 Resp: 95109

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.4
122	13.2	8.5	12.7#



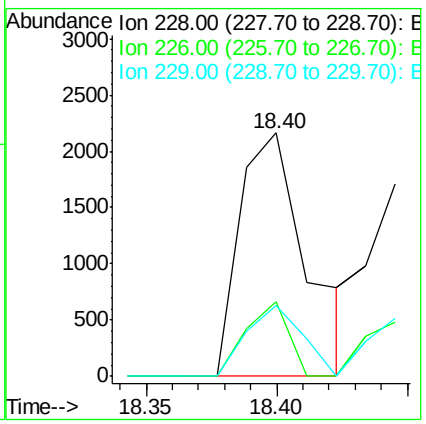


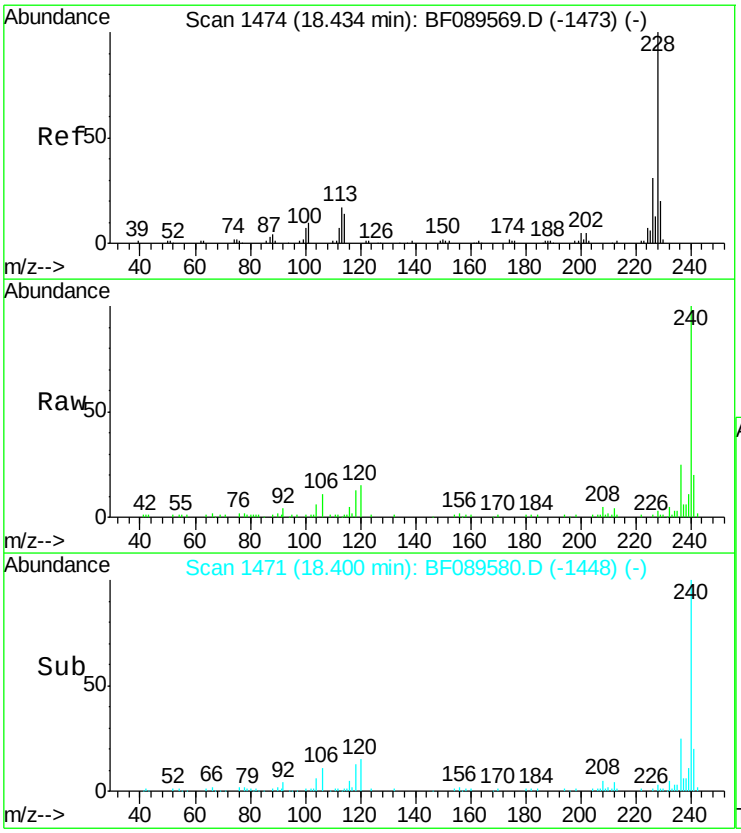
#80
Benzo(a)anthracene
Concen: 0.51 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.00 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 3874

Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.5	32.3
229	29.1	15.1	22.7#

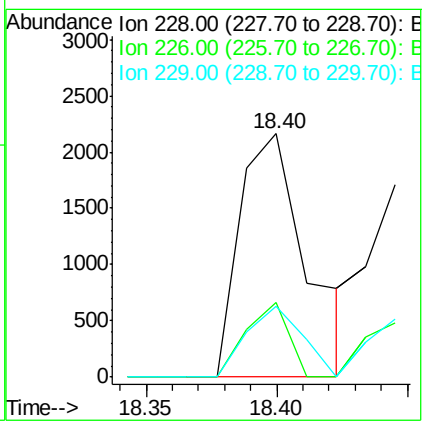


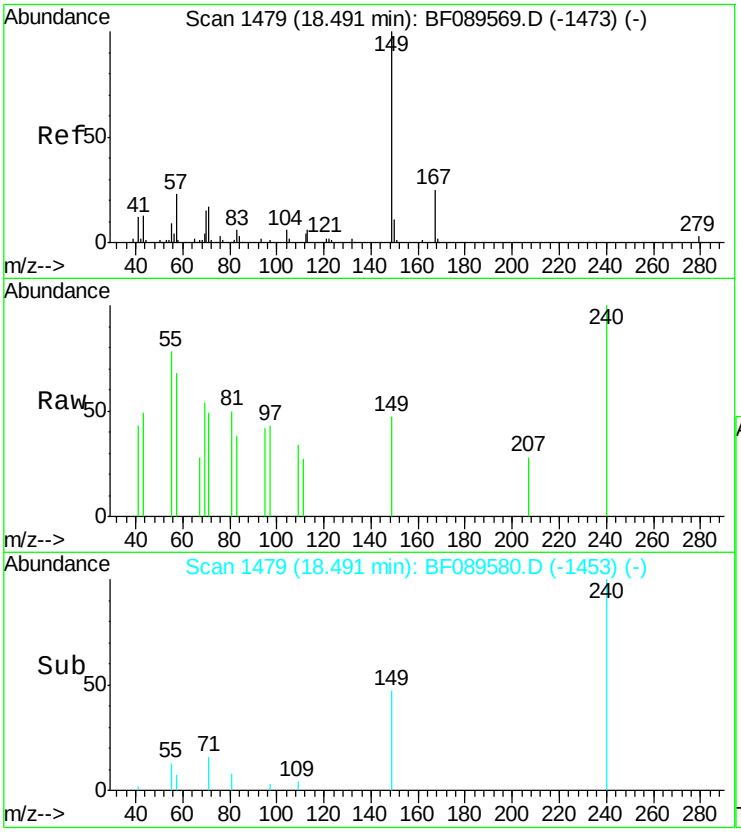


#82
Chrysene
Concen: 0.49 ng
RT: 18.40 min Scan# 1471
Delta R.T. -0.03 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:228 Resp: 3874

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	29.1	15.7	23.5#



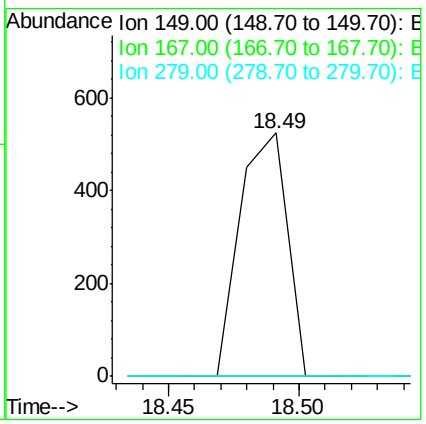


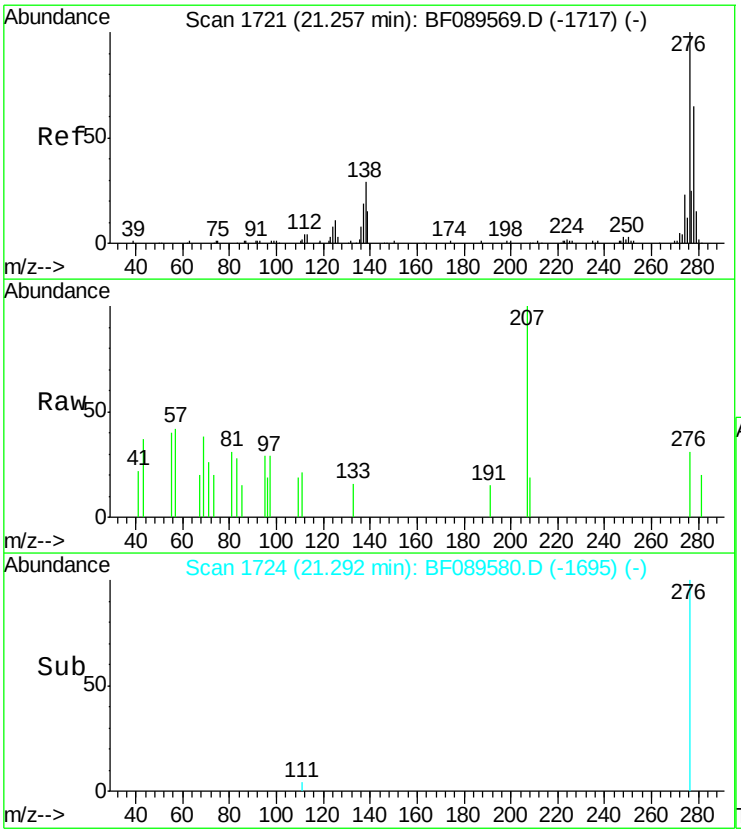
#83
Bis(2-ethylhexyl)phthalate
Concen: 0.11 ng
RT: 18.49 min Scan# 1479
Delta R.T. -0.00 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 669

Ion	Ratio	Lower	Upper
149	100		
167	0.0	19.7	29.5#
279	0.0	2.3	3.5#

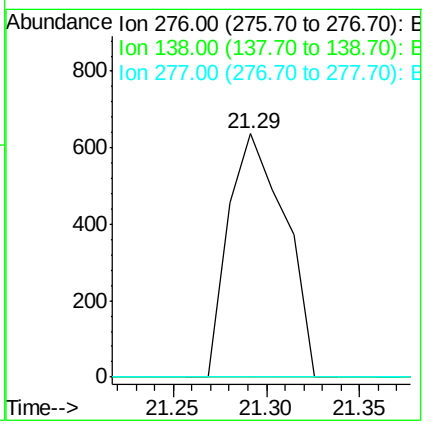


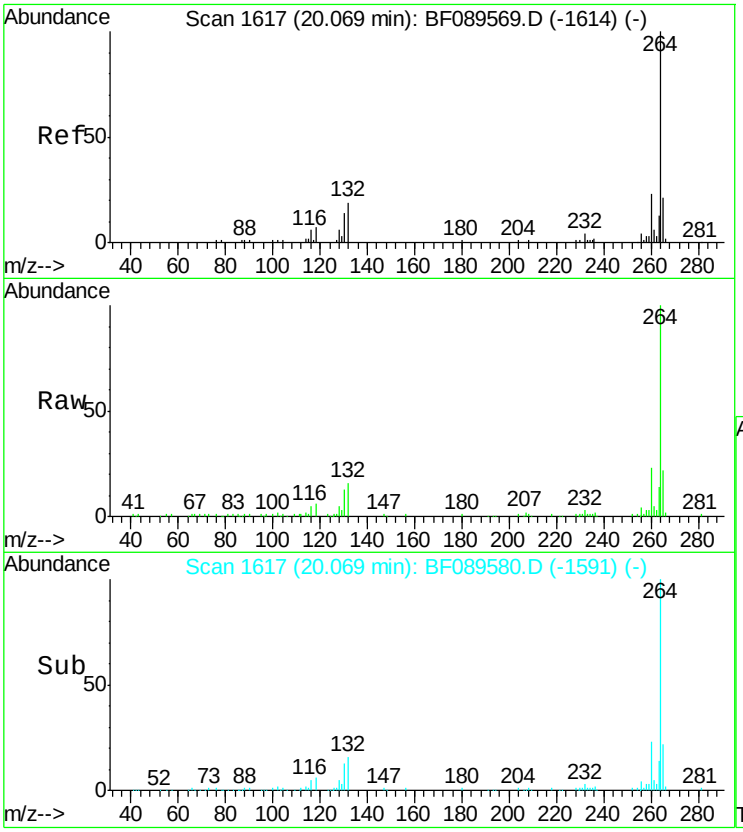


#85
Indeno(1,2,3-cd)pyrene
Concen: Below Cal
RT: 21.29 min Scan# 1724
Delta R.T. 0.03 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:276 Resp: 1341

Ion	Ratio	Lower	Upper
276	100		
138	0.0	23.5	35.3#
277	0.0	20.5	30.7#



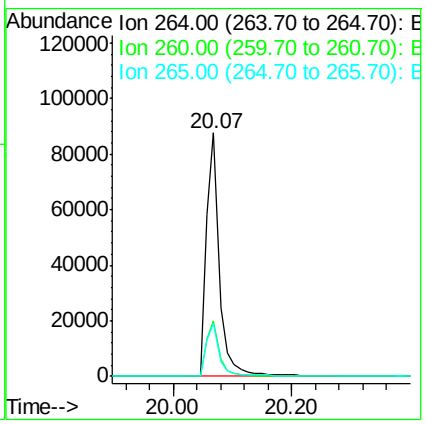


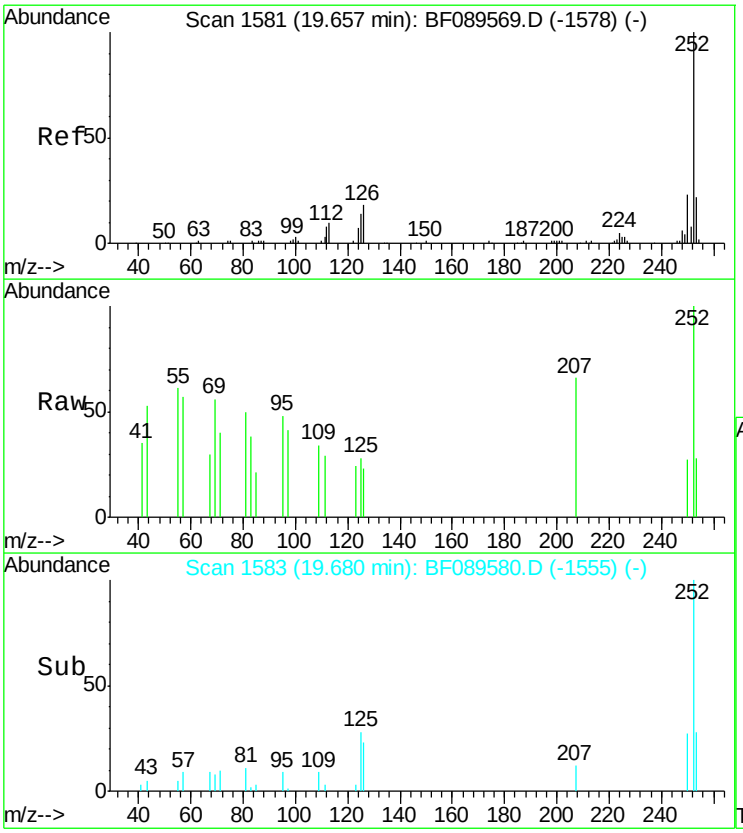
#86
Perylene-d12
Concen: 20.00 ng
RT: 20.07 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 133156

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	21.8	16.6	25.0

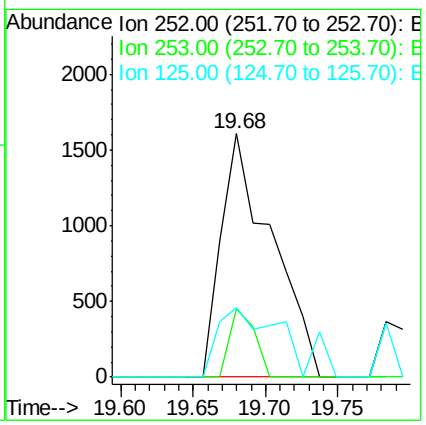


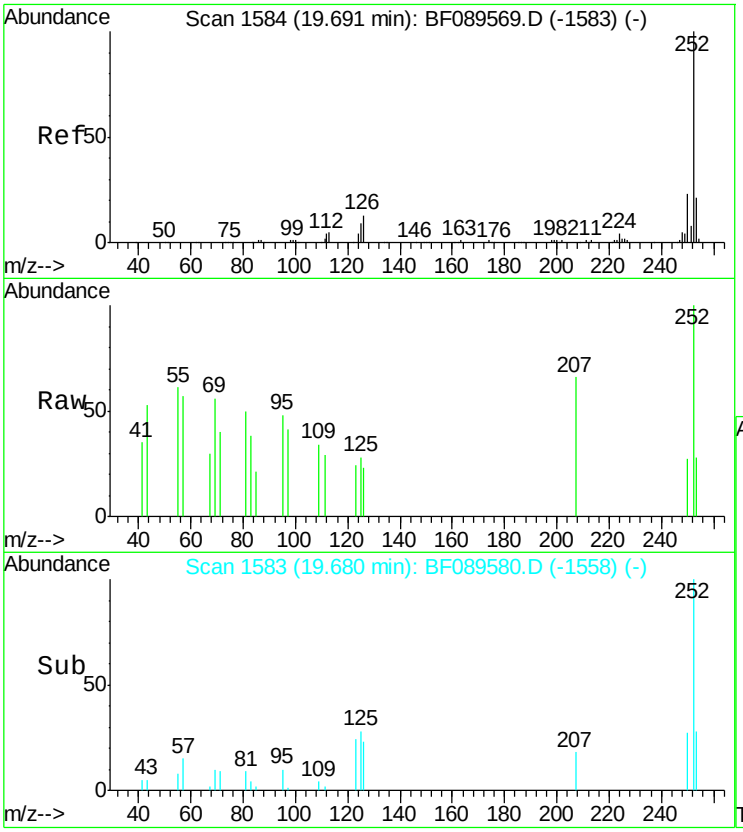


#87
Benzo(b)fluoranthene
Concen: 0.47 ng
RT: 19.68 min Scan# 1583
Delta R.T. 0.02 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:252 Resp: 3864

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.6	26.4#
125	28.5	11.0	16.4#



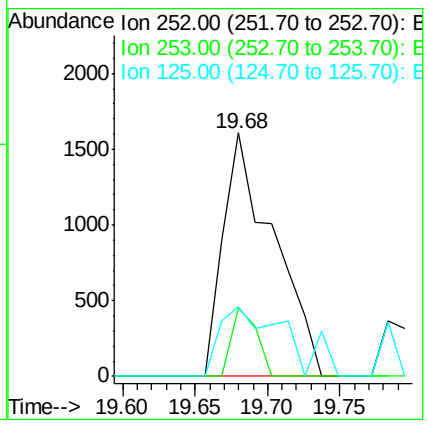


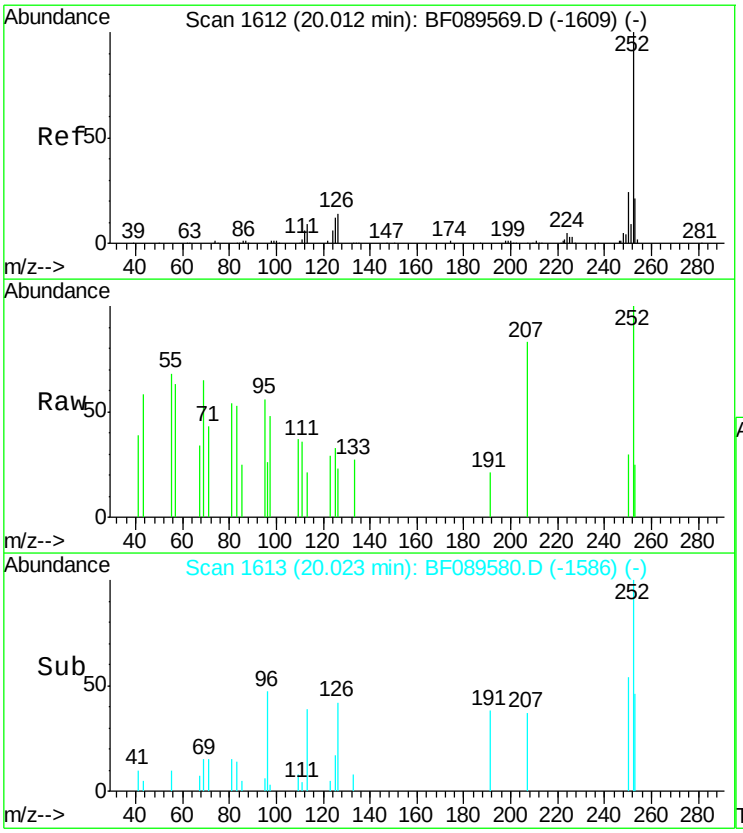
#88
Benzo(k)fluoranthene
Concen: 0.48 ng
RT: 19.68 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 3864

Ion	Ratio	Lower	Upper
252	100		
253	28.0	17.2	25.8#
125	28.5	9.3	13.9#

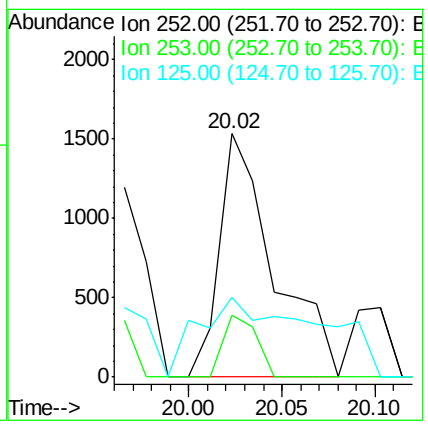


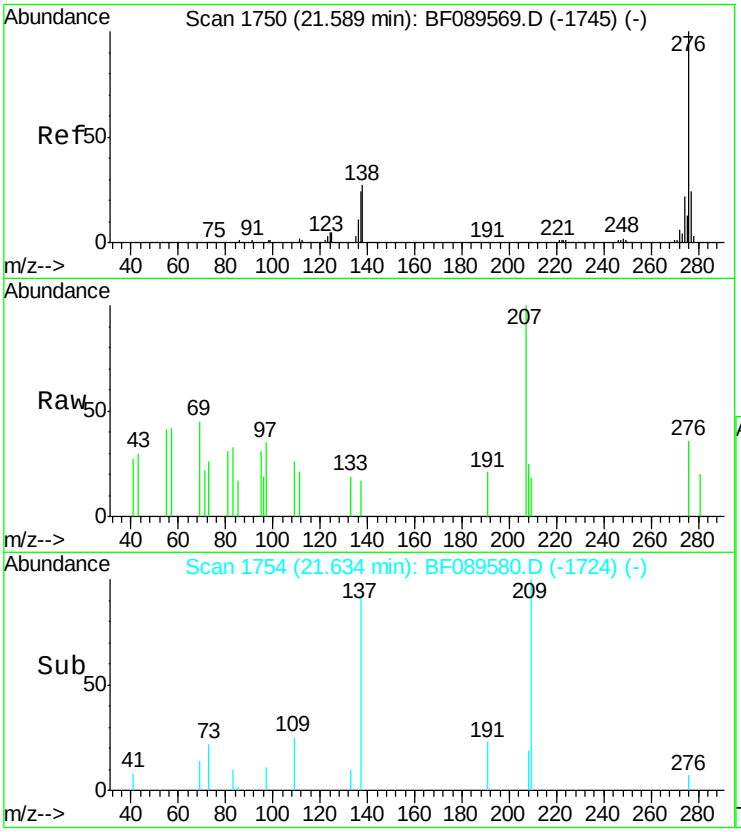


#89
Benzo(a)pyrene
Concen: 0.42 ng
RT: 20.02 min Scan# 1613
Delta R.T. 0.01 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Tgt Ion:252 Resp: 3142

Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.6	24.8#
125	33.0	9.4	14.0#





#91
Benzo(g,h,i)perylene
Concen: 0.20 ng
RT: 21.63 min Scan# 1754
Delta R.T. 0.05 min
Lab File: BF089580.D
Acq: 4 Aug 2016 5:31

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 1498

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.0	28.6#
138	0.0	21.7	32.5#