Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073116\
Data File : BF089500.D
Acq On : 1 Aug 2016 7:29
Operator : UM/SJ
Sample : H4205-17DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 01 07:58:26 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	45727	20.00	ng		-0.06
21) Naphthalene-d8	7.78	136	178183	20.00	ng		-0.05
38) Acenaphthene-d10	9.52	164	65134	20.00	ng		-0.06
63) Phenanthrene-d10	10.99	188	108092	20.00	ng		-0.06
75) Chrysene-d12	13.62	240	87214	20.00	ng		-0.05
86) Perylene-d12	14.95	264	72499	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	75414	26.33	ng		-0.05
7) Phenol-d6	6.16	99	98393	26.00	ng		-0.05
23) Nitrobenzene-d5	7.06	82	60325	19.98	ng		-0.06
41) 2,4,6-Tribromophenol	10.31	330	12773	23.68	ng		-0.06
44) 2-Fluorobiphenyl	8.86	172	103616	23.35	ng		-0.06
78) Terphenyl-d14	12.58	244	64527	17.32	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	634	Below Cal		#	26
19) n-Nitroso-di-n-propylamine	7.06	70	7286	3.19	ng	#	82
49) Dimethylphthalate	9.26	163	22162	4.47	ng	#	98
50) 2,6-Dinitrotoluene	9.52	165	8081	7.93	ng	#	24
51) Acenaphthene	9.55	154	11427	2.98	ng		97
55) 4-Nitrophenol	9.74	139	3830	12.93	ng	#	4
56) 2,4-Dinitrotoluene	9.52	165	8081	6.03	ng	#	7
57) Fluorene	10.07	166	15078	3.31	ng	#	97
70) Phenanthrene	11.02	178	152041	27.27	ng		99
71) Anthracene	11.07	178	58857	9.50	ng		99
74) Fluoranthene	12.21	202	168363	28.71	ng		98
77) Pyrene	12.42	202	136549	20.66	ng		98
80) Benzo(a)anthracene	13.61	228	66966	13.61	ng		97
82) Chrysene	13.61	228	66966	12.78	ng		98
85) Indeno(1,2,3-cd)pyrene	16.13	276	19037	5.11	ng	#	87
87) Benzo(b)fluoranthene	14.61	252	63910	14.19	ng	#	96
88) Benzo(k)fluoranthene	14.61	252	63910	15.44	ng		98
89) Benzo(a)pyrene	14.90	252	33624	8.33	ng		96
91) Benzo(g,h,i)perylene	16.48	276	16732	5.35	ng		96

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

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ALS Vial : 35 Sample Multiplier: 1

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BNA_F
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QLast Update : Thu Jul 28 16:02:32 2016
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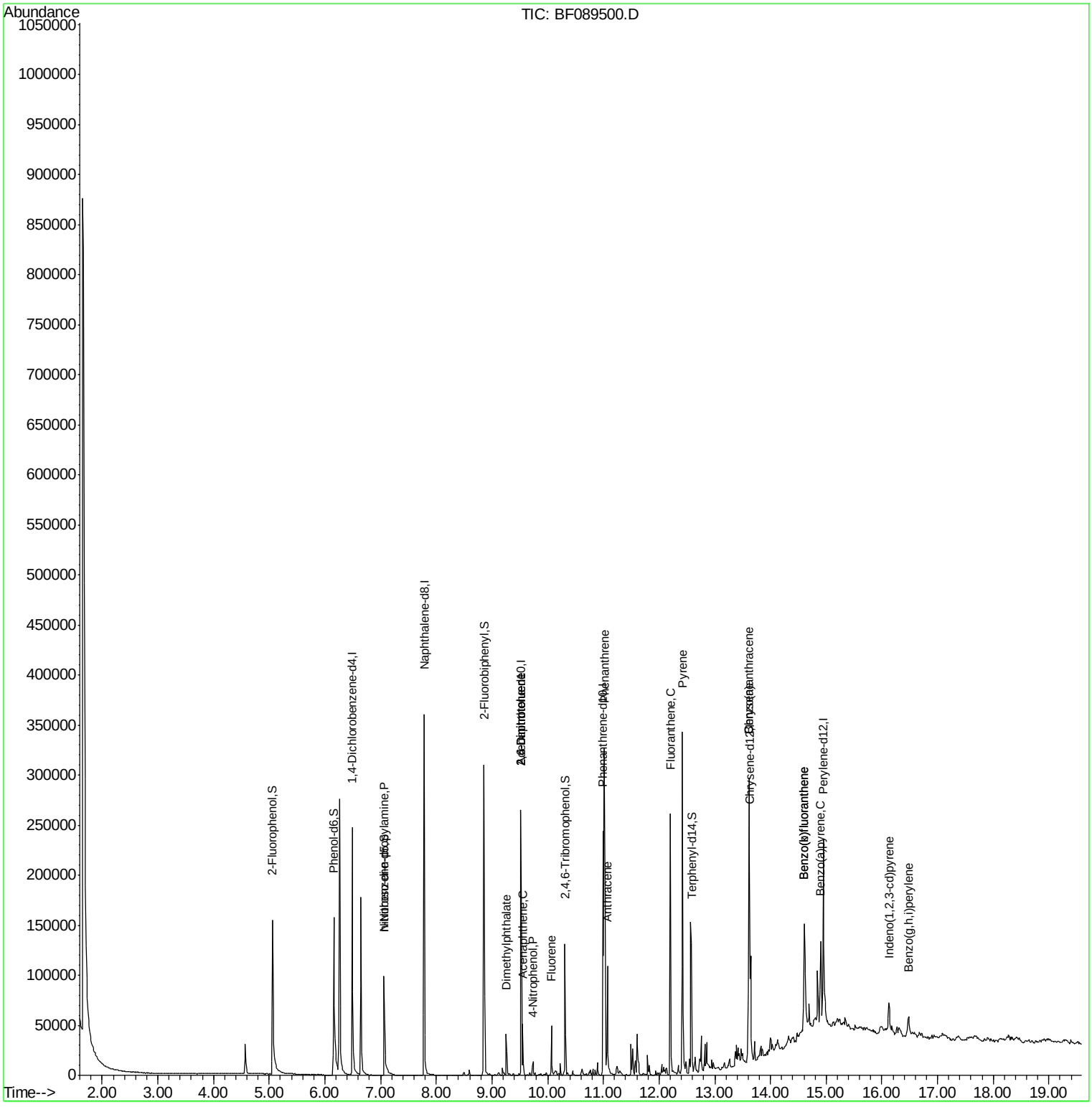
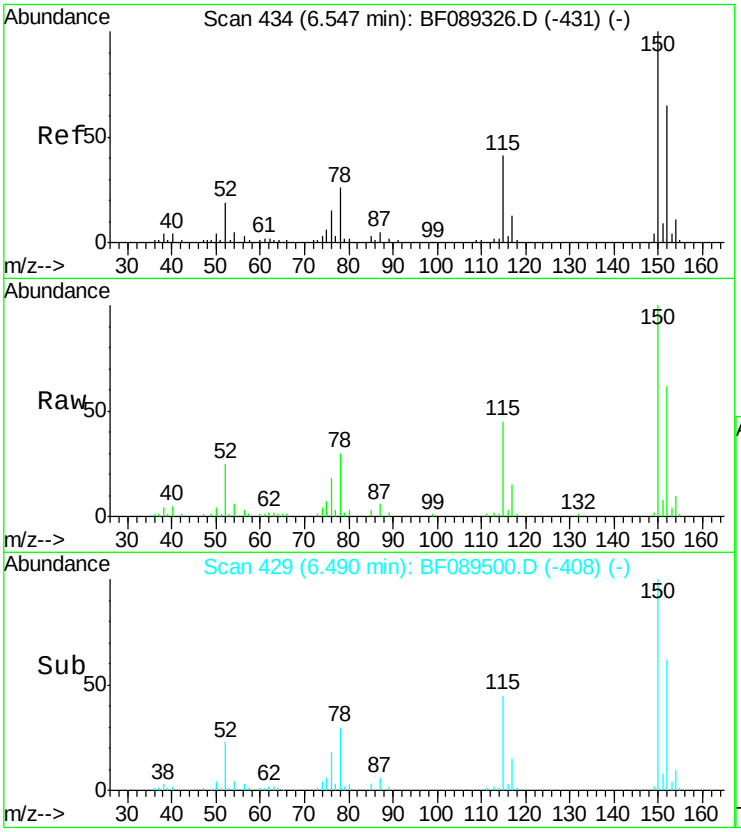


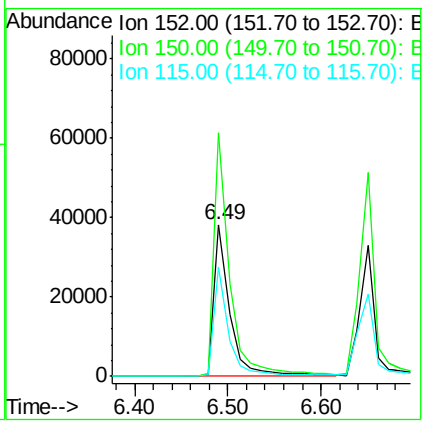


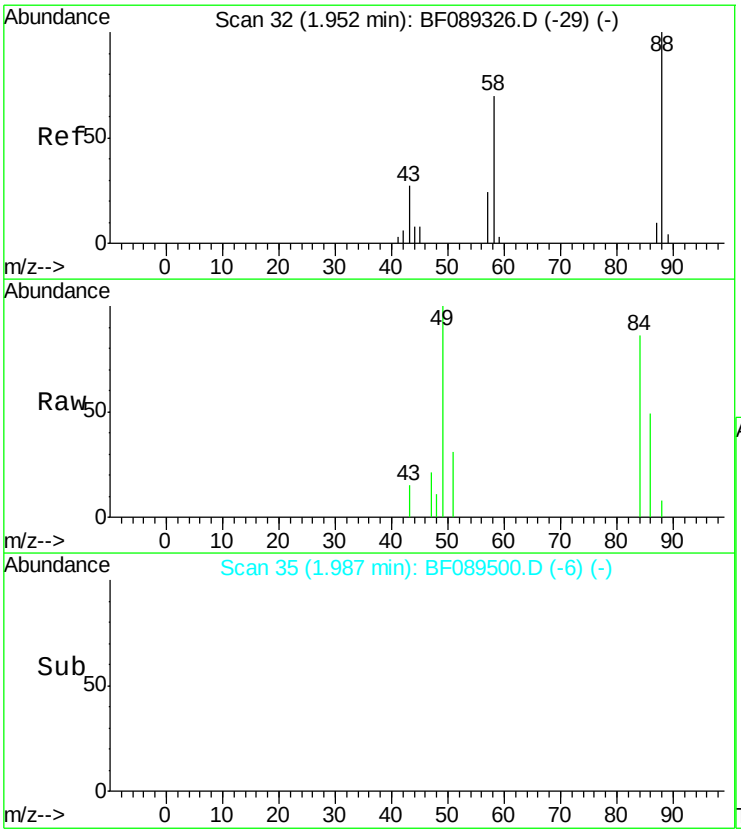
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 429
Delta R.T. -0.06 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 45727

Ion	Ratio	Lower	Upper
152	100		
150	160.4	129.5	194.3
115	72.3	51.4	77.2

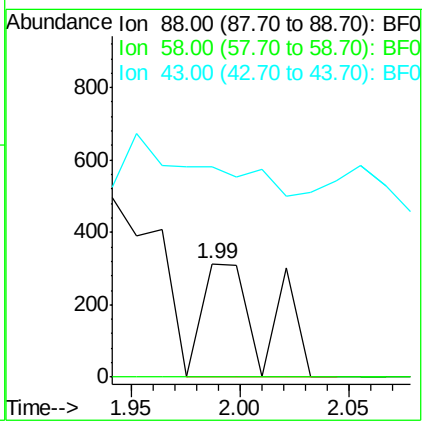


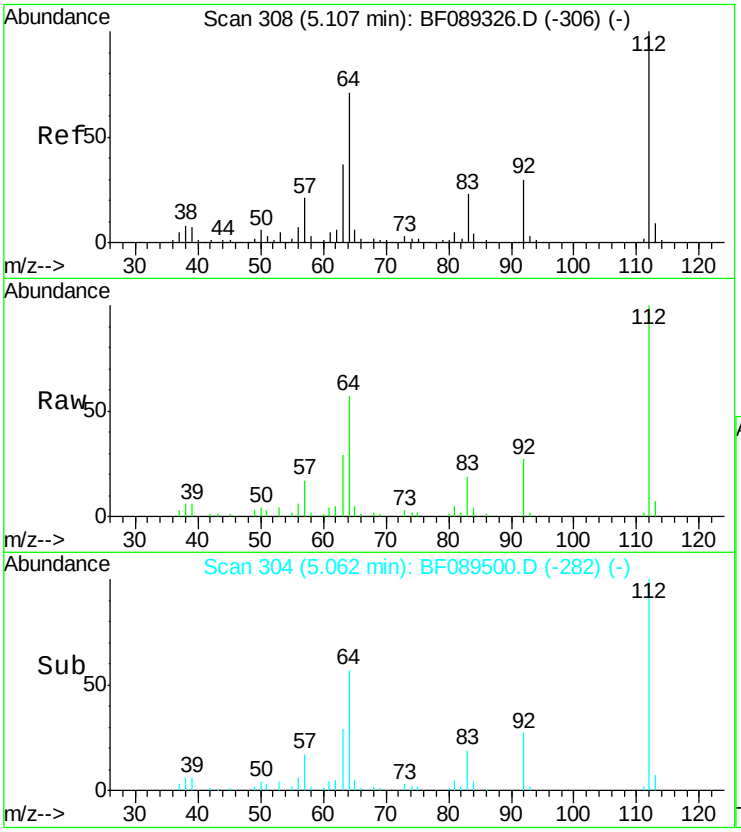


#2
1,4-Dioxane
Concen: Below Cal
RT: 1.99 min Scan# 35
Delta R.T. 0.03 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion: 88 Resp: 634

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.2	79.8#
43	0.0	20.6	31.0#



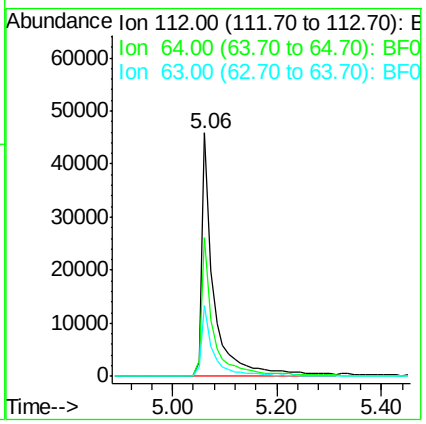


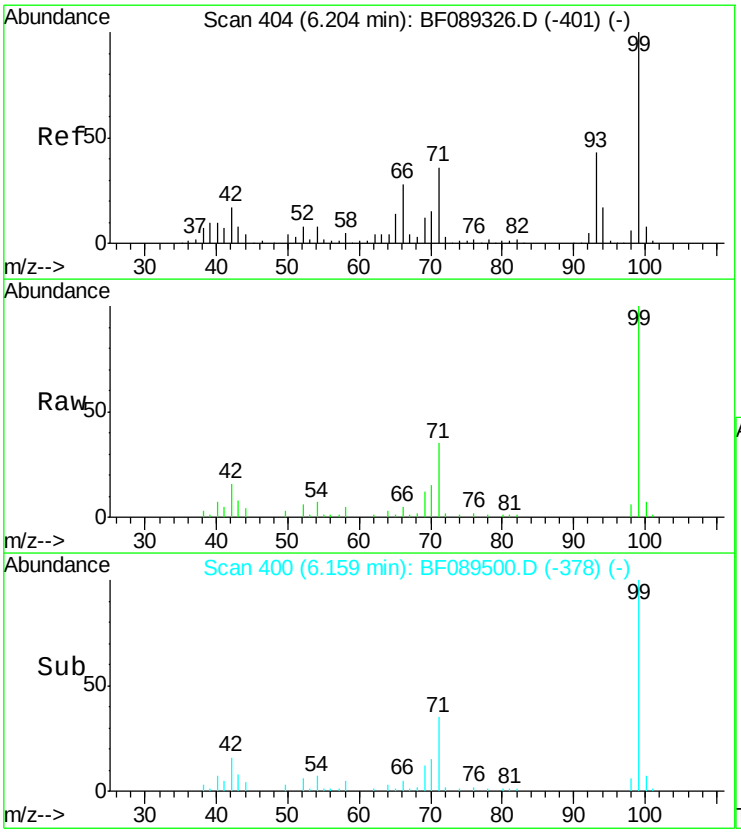
#5
2-Fluorophenol
Concen: 26.33 ng
RT: 5.06 min Scan# 304
Delta R.T. -0.05 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 75414

Ion	Ratio	Lower	Upper
112	100		
64	56.8	55.0	82.6
63	29.2	29.4	44.2#

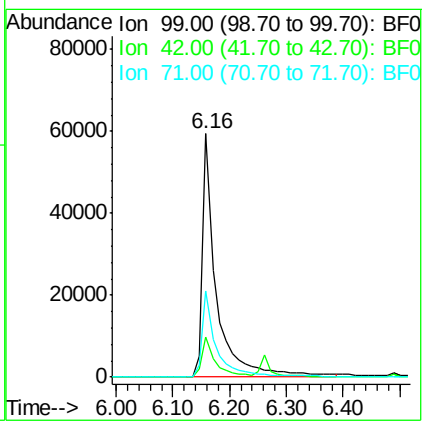


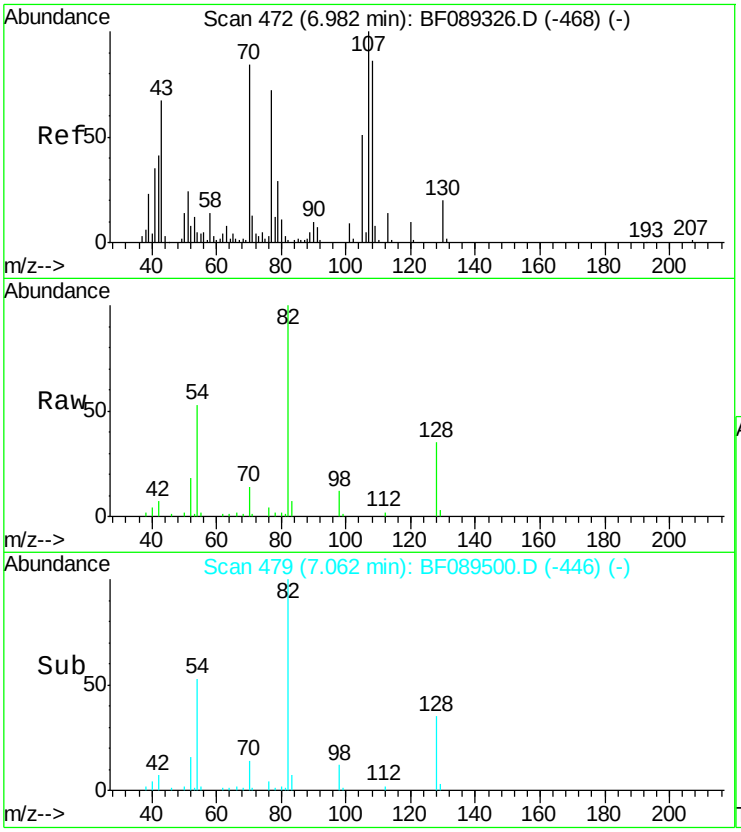


#7
Phenol-d6
Concen: 26.00 ng
RT: 6.16 min Scan# 400
Delta R.T. -0.05 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion: 99 Resp: 98393

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.6	20.4
71	35.5	29.4	44.2



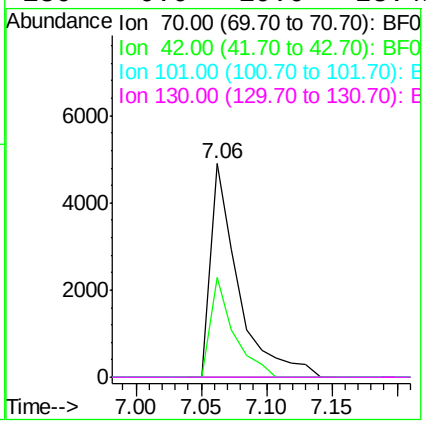


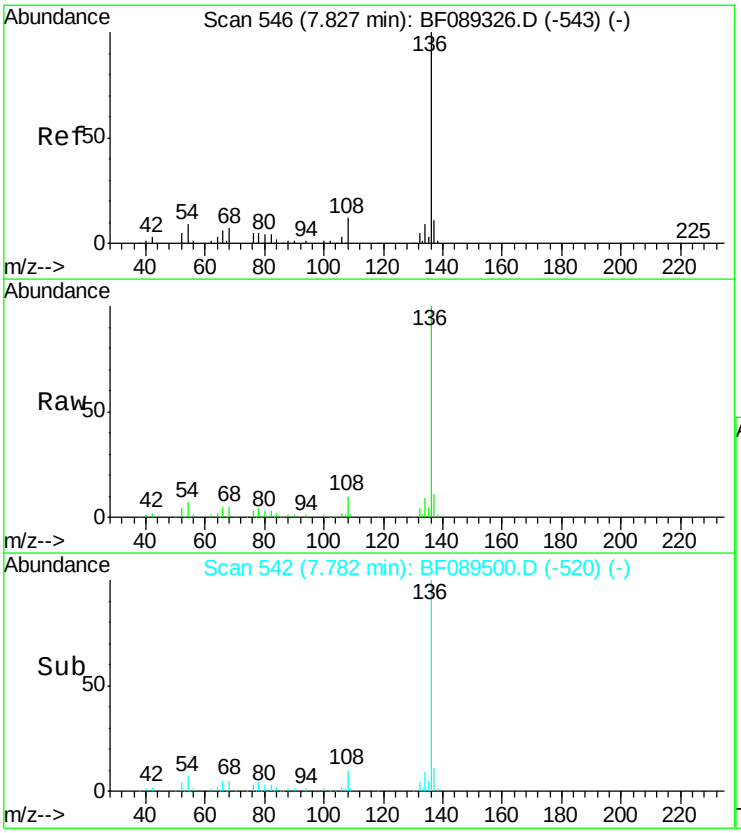
#19
n-Nitroso-di-n-propylamine
Concen: 3.19 ng
RT: 7.06 min Scan# 479
Delta R.T. 0.08 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 7286

Ion	Ratio	Lower	Upper
70	100		
42	47.0	38.6	57.8
101	0.0	8.3	12.5#
130	0.0	19.0	28.4#

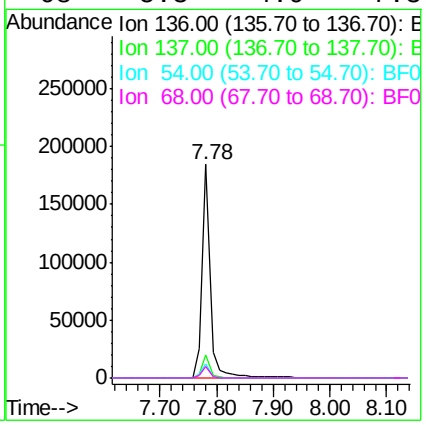


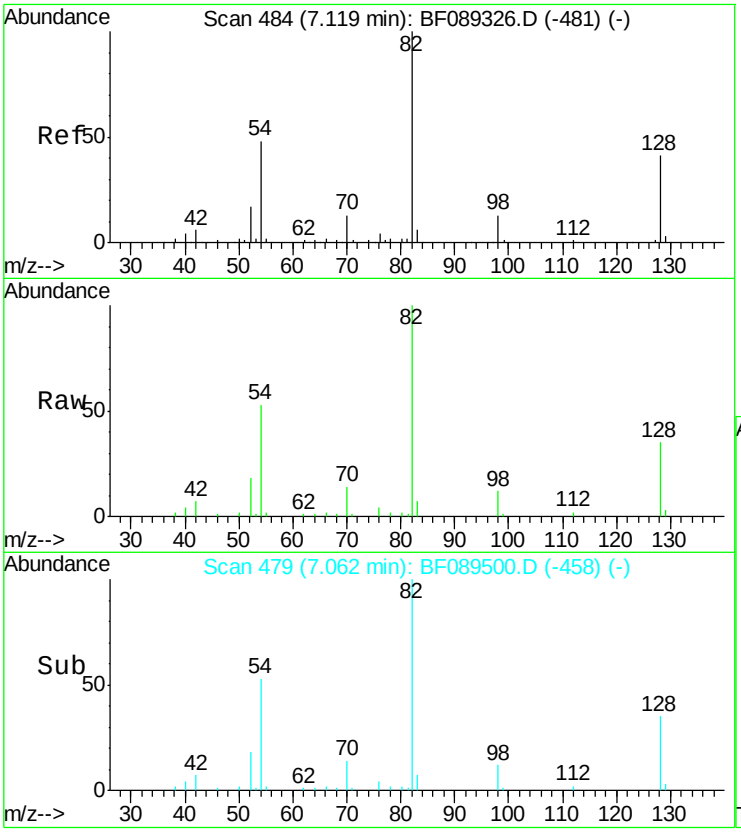


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.78 min Scan# 542
Delta R.T. -0.05 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:136 Resp: 178183

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.5	7.0	10.4#
68	5.3	4.9	7.3



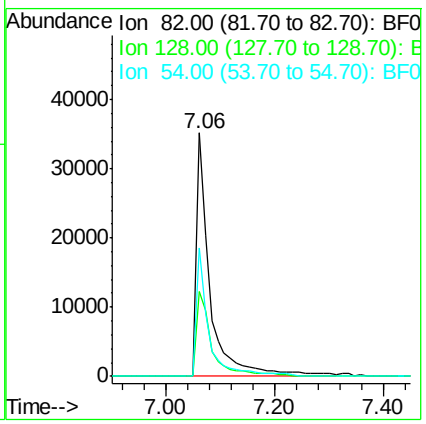


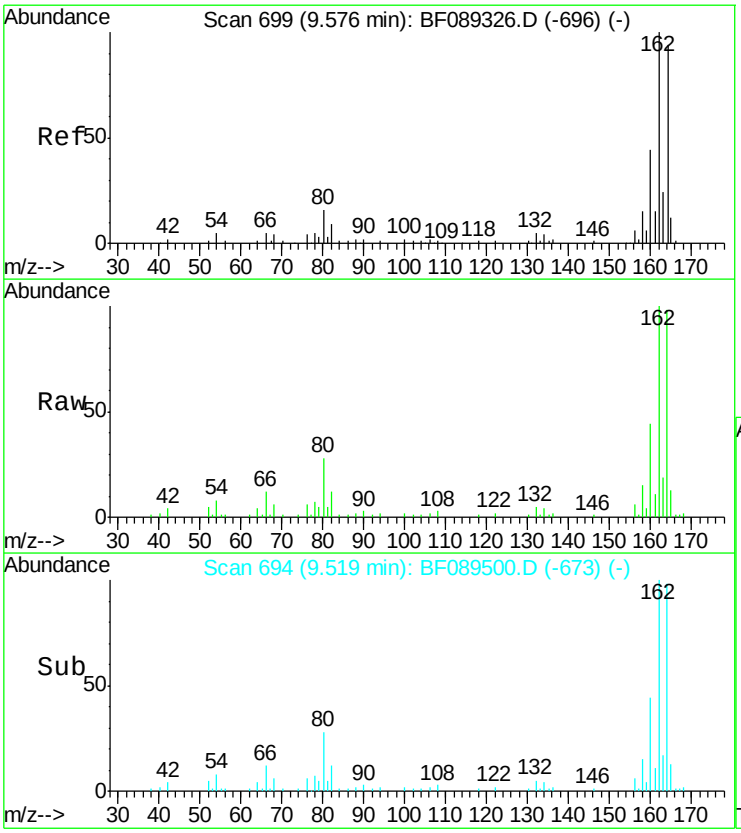
#23
Nitrobenzene-d5
Concen: 19.98 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.06 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 60325

Ion	Ratio	Lower	Upper
82	100		
128	35.1	32.5	48.7
54	52.9	38.8	58.2

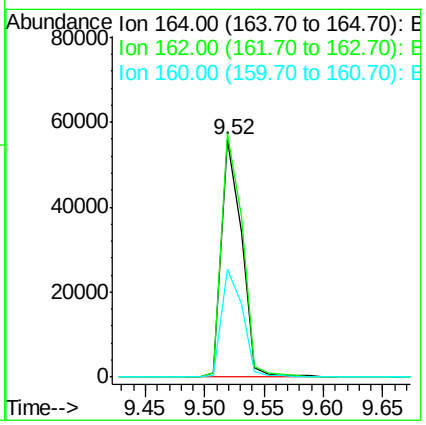


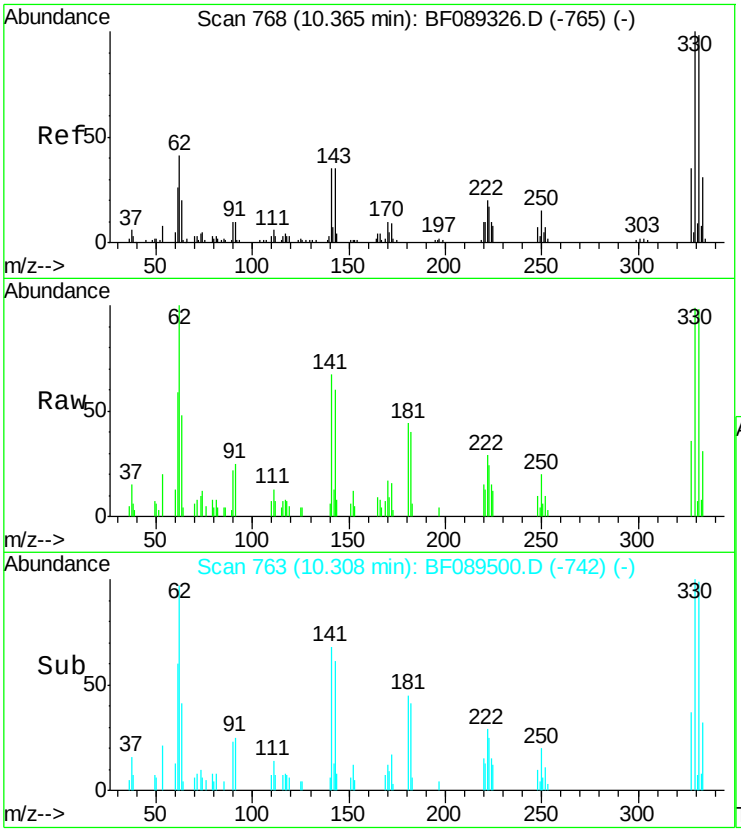


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.06 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:164 Resp: 65134

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.7	125.5
160	45.5	37.8	56.6



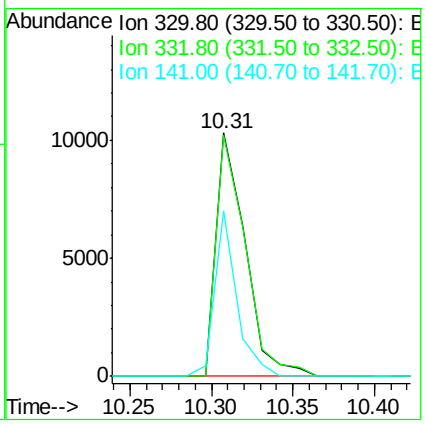


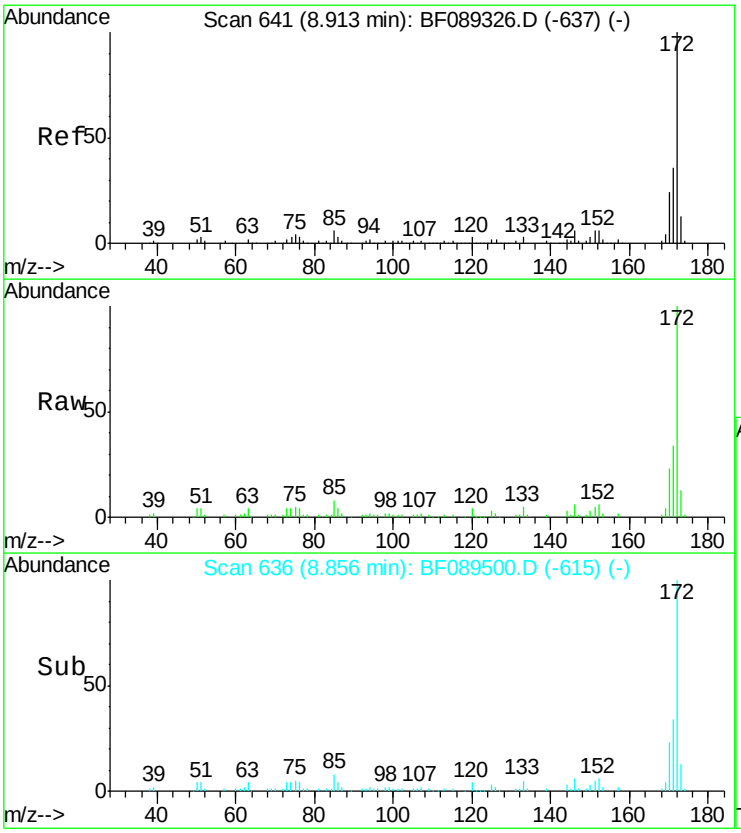
#41
2,4,6-Tribromophenol
Concen: 23.68 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.06 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 12773

Ion	Ratio	Lower	Upper
330	100		
332	99.4	76.8	115.2
141	51.5	37.3	55.9

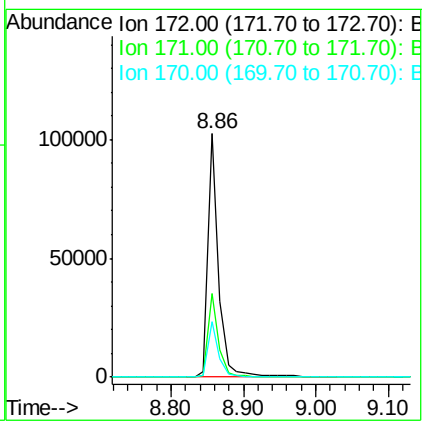


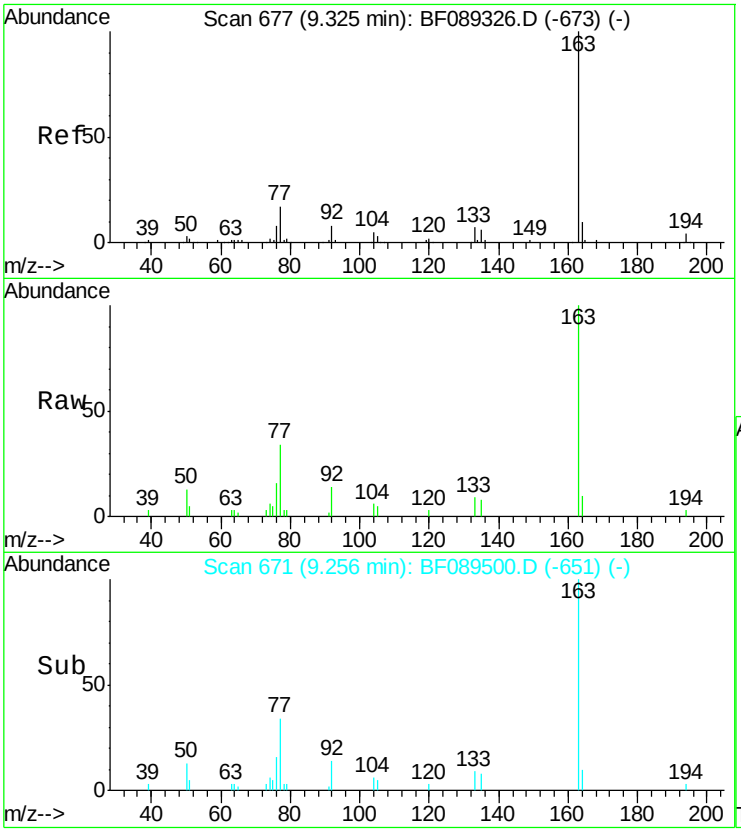


#44
2-Fluorobiphenyl
Concen: 23.35 ng
RT: 8.86 min Scan# 636
Delta R.T. -0.06 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:172 Resp: 103616

Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.2	43.8
170	22.6	19.2	28.8



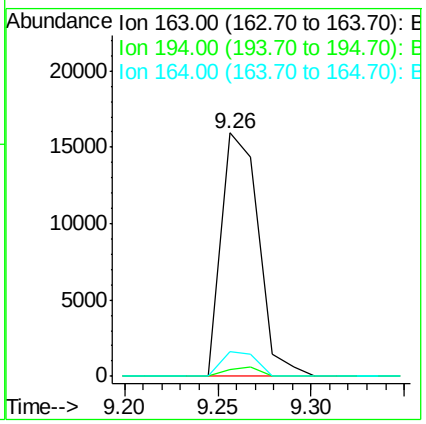


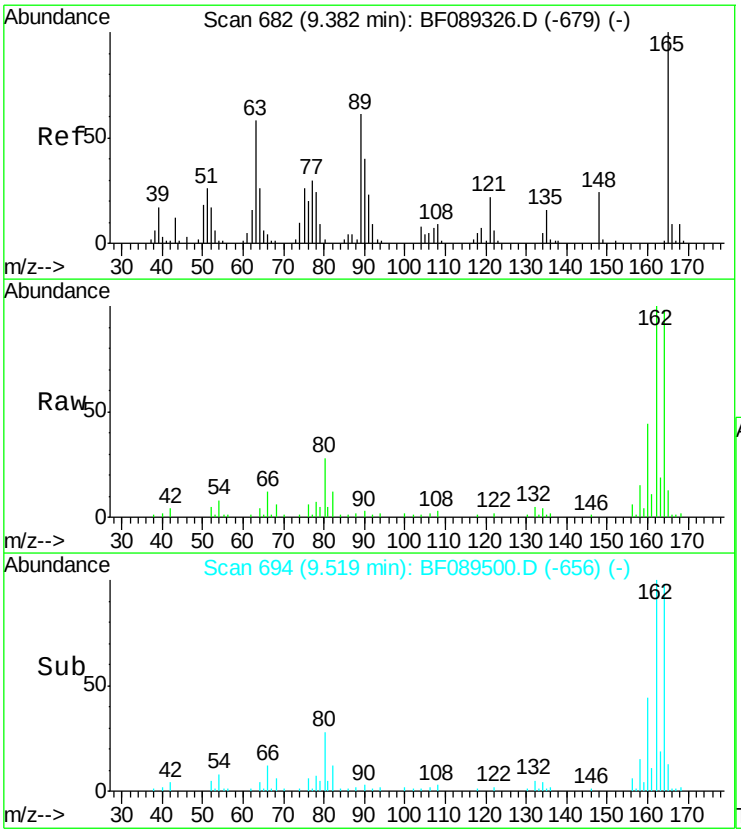
#49
Dimethylphthalate
Concen: 4.47 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.07 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 22162

Ion	Ratio	Lower	Upper
163	100		
194	2.7	2.8	4.2#
164	10.3	7.8	11.8

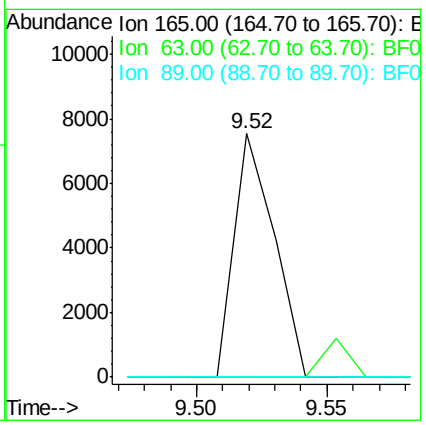


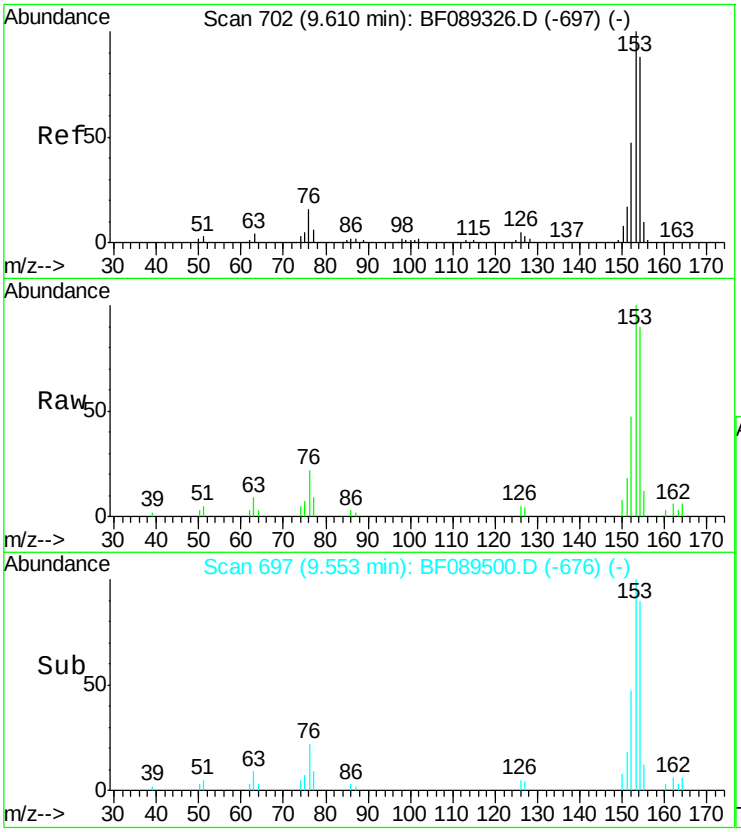


#50
2,6-Dinitrotoluene
Concen: 7.93 ng
RT: 9.52 min Scan# 694
Delta R.T. 0.14 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:165 Resp: 8081

Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



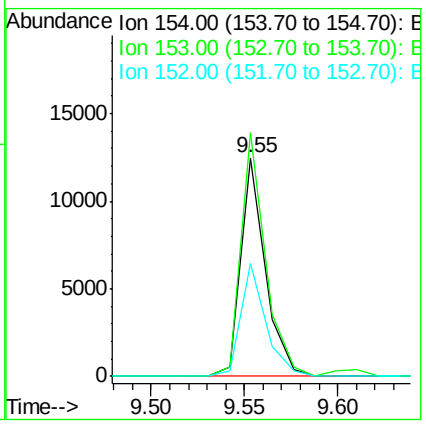


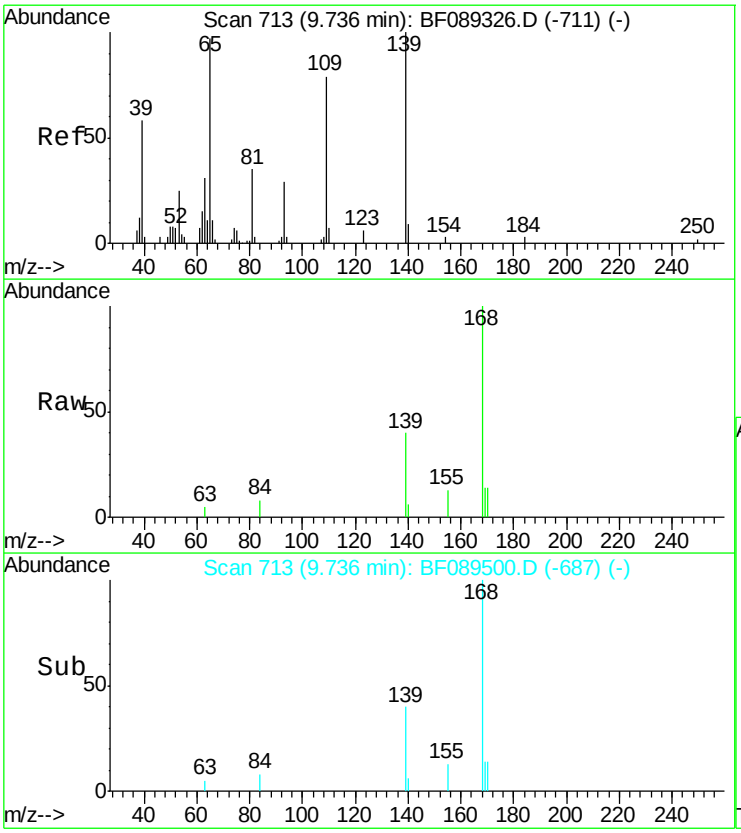
#51
Acenaphthene
Concen: 2.98 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.06 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:154 Resp: 11427

Ion	Ratio	Lower	Upper
154	100		
153	111.3	91.4	137.2
152	51.9	43.8	65.6

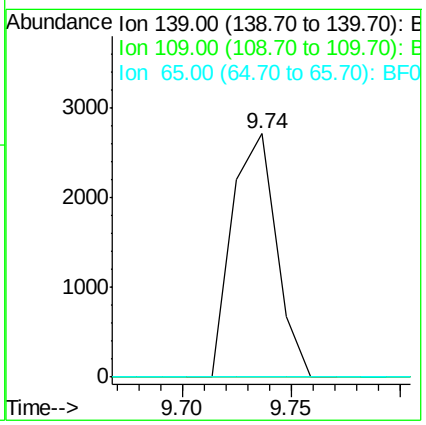


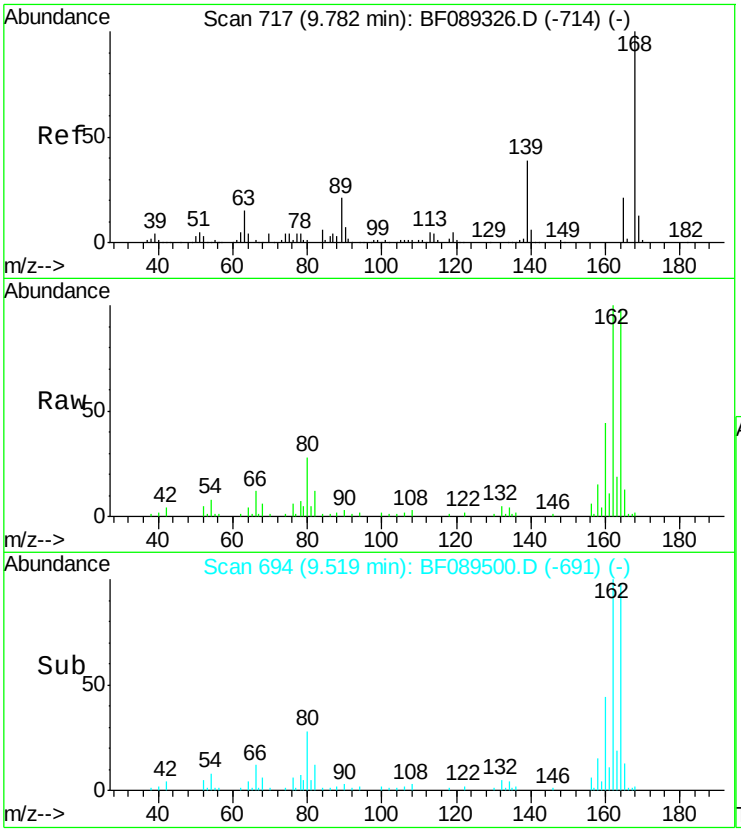


#55
4-Nitrophenol
Concen: 12.93 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:139 Resp: 3830

Ion	Ratio	Lower	Upper
139	100		
109	0.0	57.8	97.8#
65	0.0	81.7	121.7#



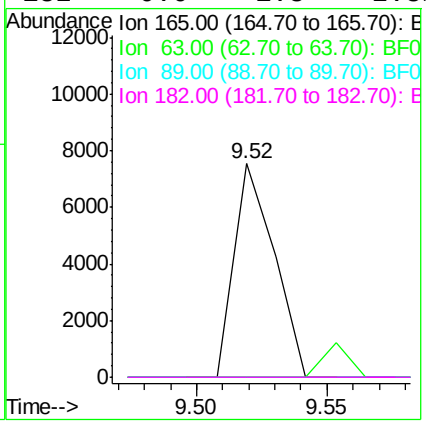


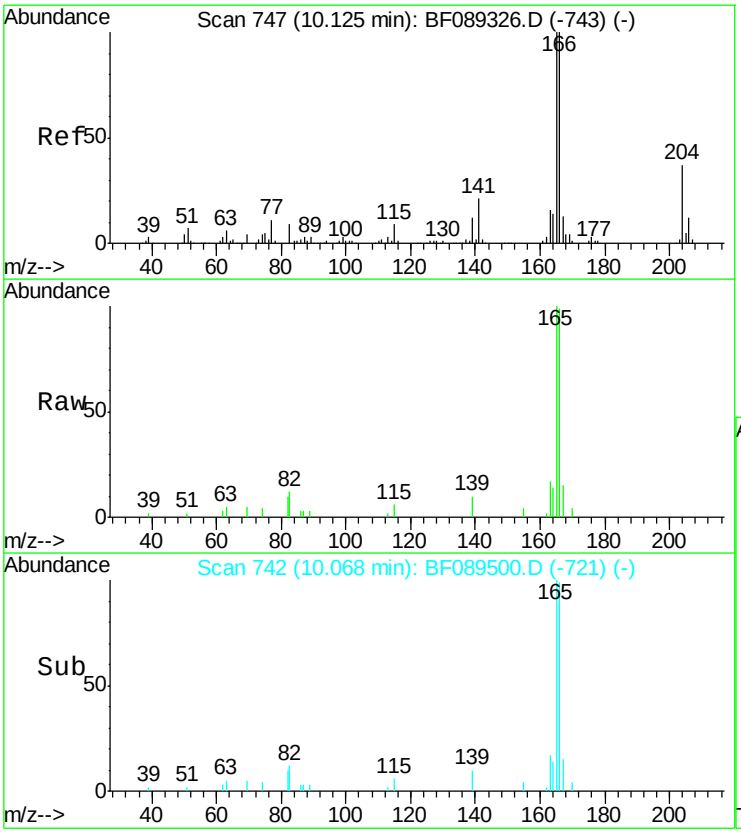
#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 9.52 min Scan# 694
Delta R.T. -0.26 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 8081

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

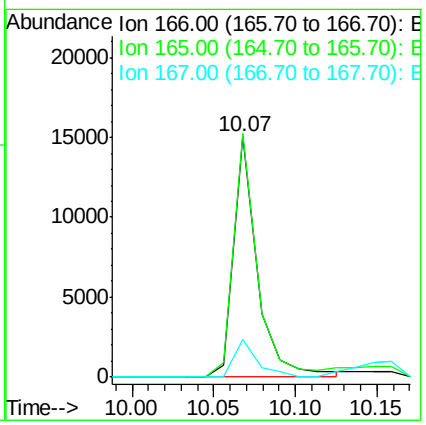


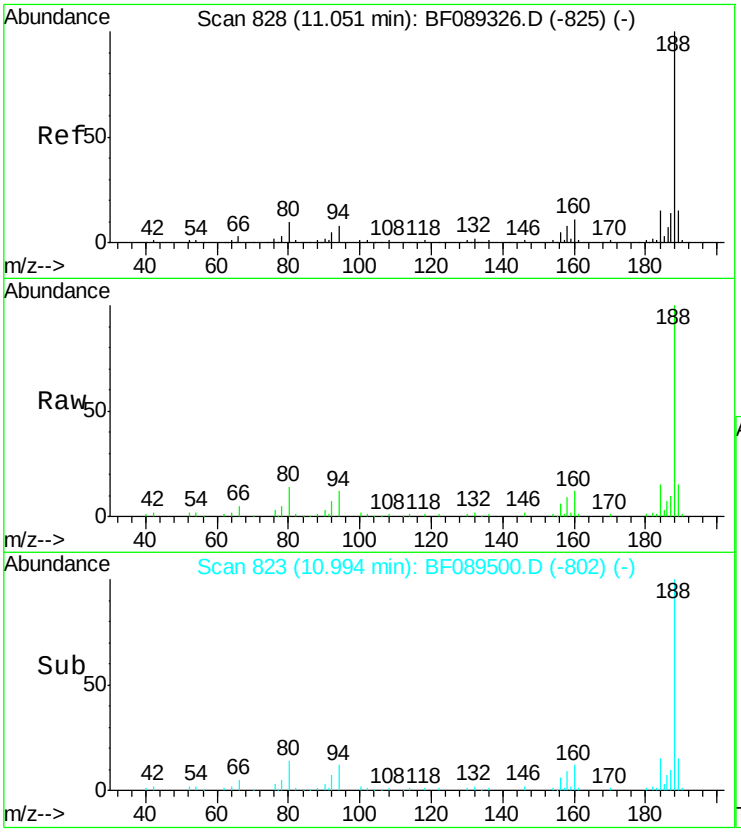


#57
Fluorene
Concen: 3.31 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.06 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:166 Resp: 15078

Ion	Ratio	Lower	Upper
166	100		
165	101.1	79.0	118.4
167	15.4	10.2	15.2#



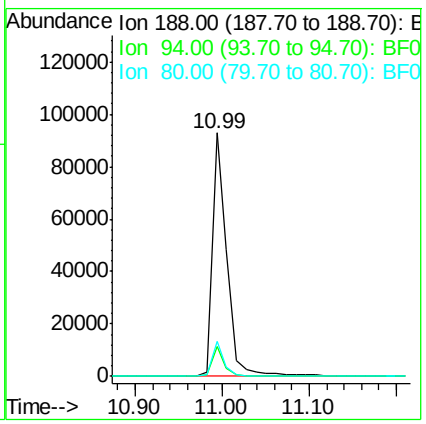


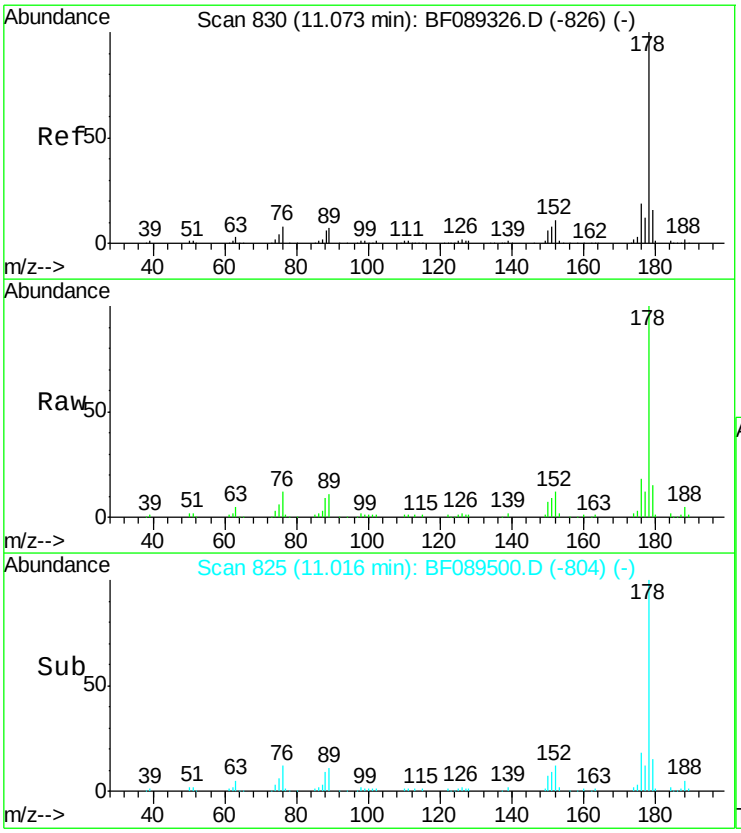
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.06 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 108092

Ion	Ratio	Lower	Upper
188	100		
94	12.4	6.5	9.7#
80	14.3	7.2	10.8#

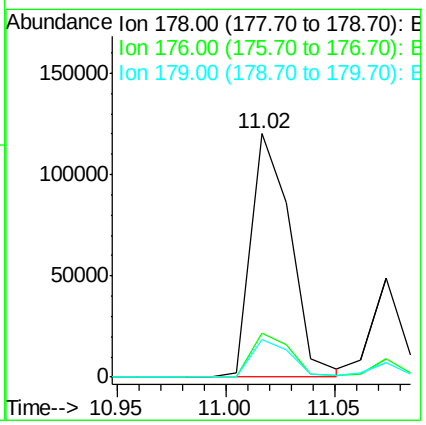


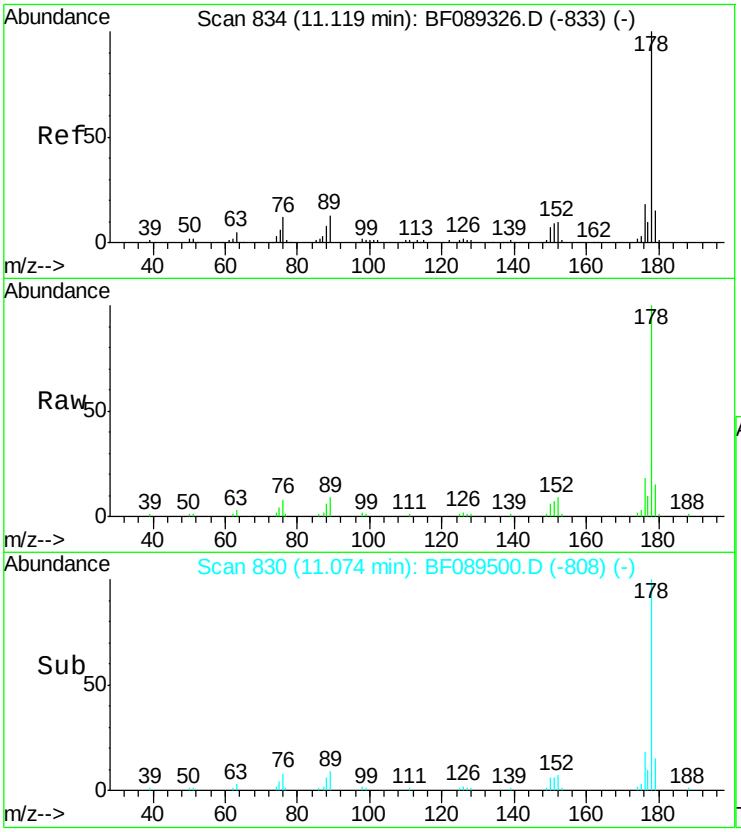


#70
Phenanthrene
Concen: 27.27 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.06 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:178 Resp: 152041

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.5	23.3
179	15.4	12.3	18.5



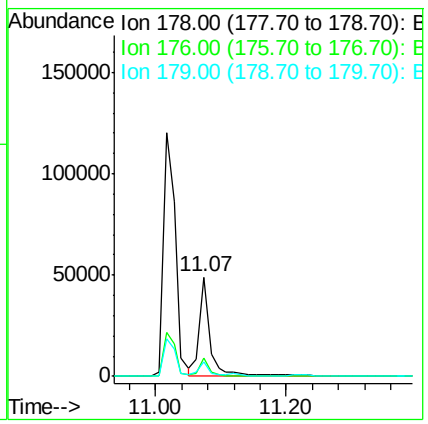


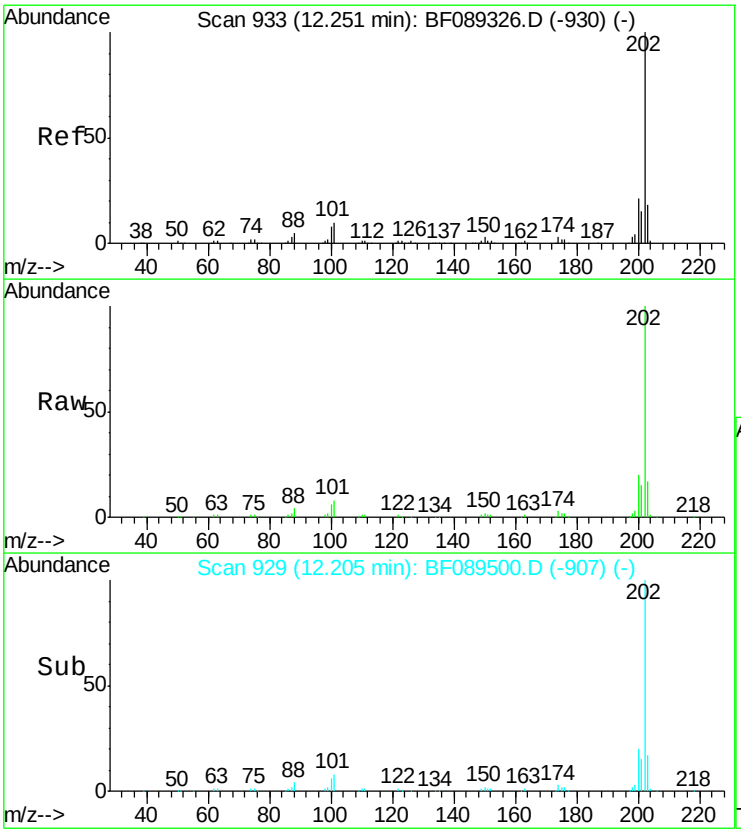
#71
Anthracene
Concen: 9.50 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.05 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 58857

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.8	22.2
179	15.0	12.6	18.8

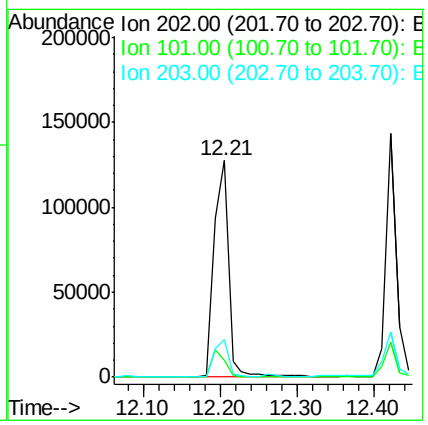


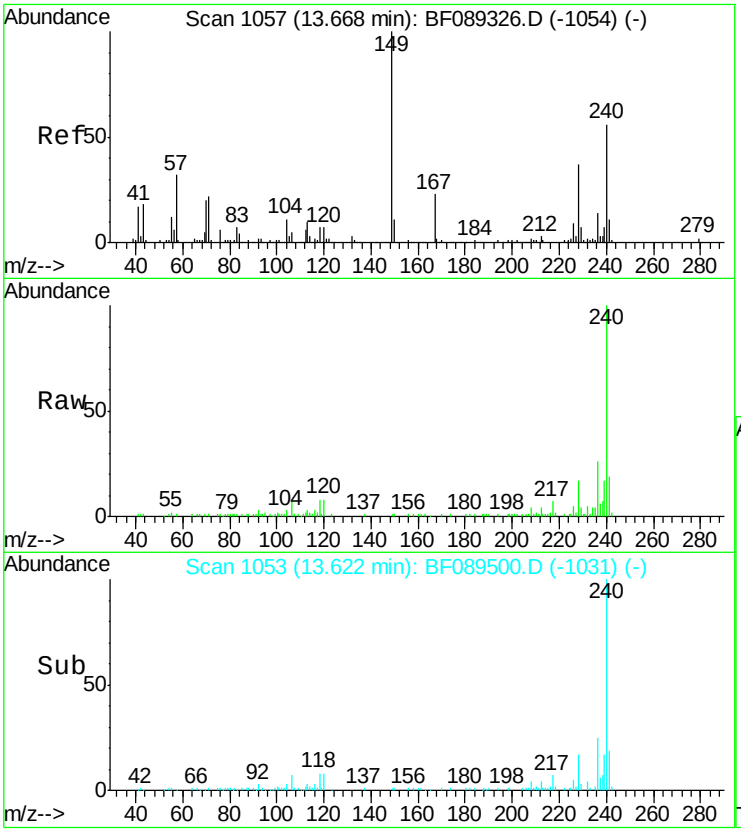


#74
Fluoranthene
Concen: 28.71 ng
RT: 12.21 min Scan# 929
Delta R.T. -0.05 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:202 Resp: 168363

Ion	Ratio	Lower	Upper
202	100		
101	7.6	0.0	29.9
203	17.3	0.0	37.3



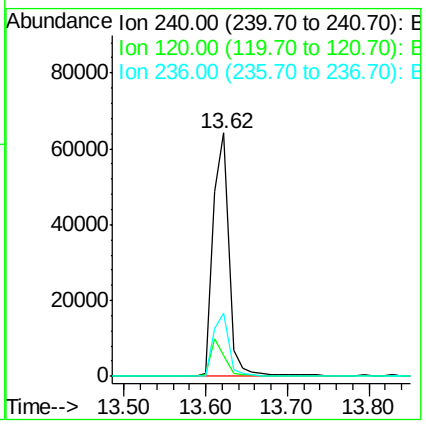


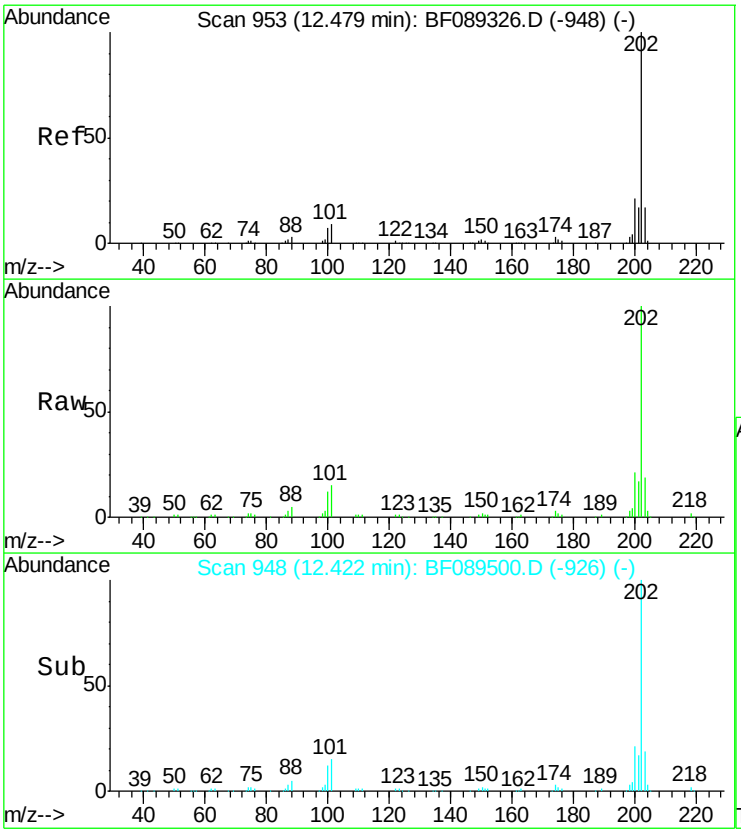
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.62 min Scan# 1053
Delta R.T. -0.05 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 87214

Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.1	13.7#
236	25.7	20.6	30.8

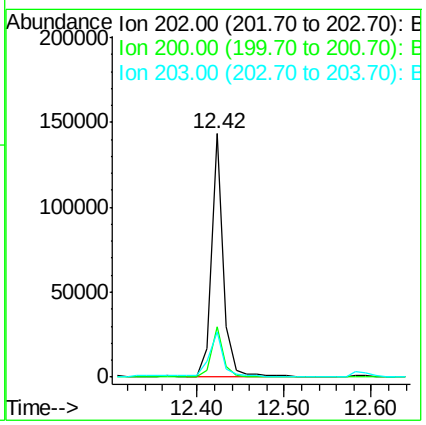


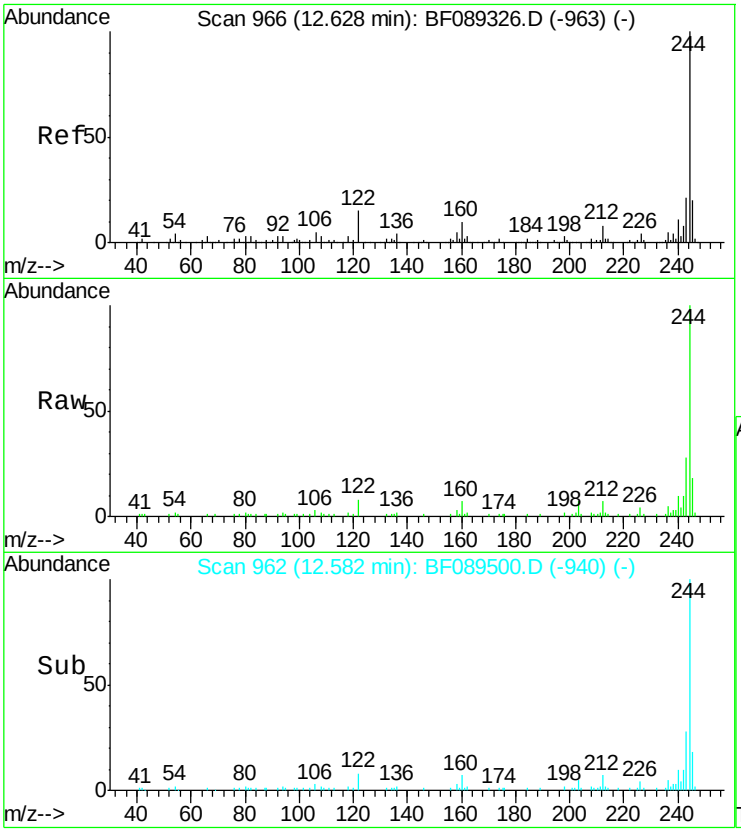


#77
Pyrene
Concen: 20.66 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:202 Resp: 136549

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	18.6	14.0	21.0



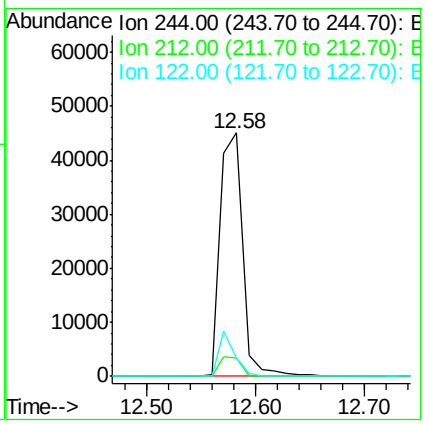


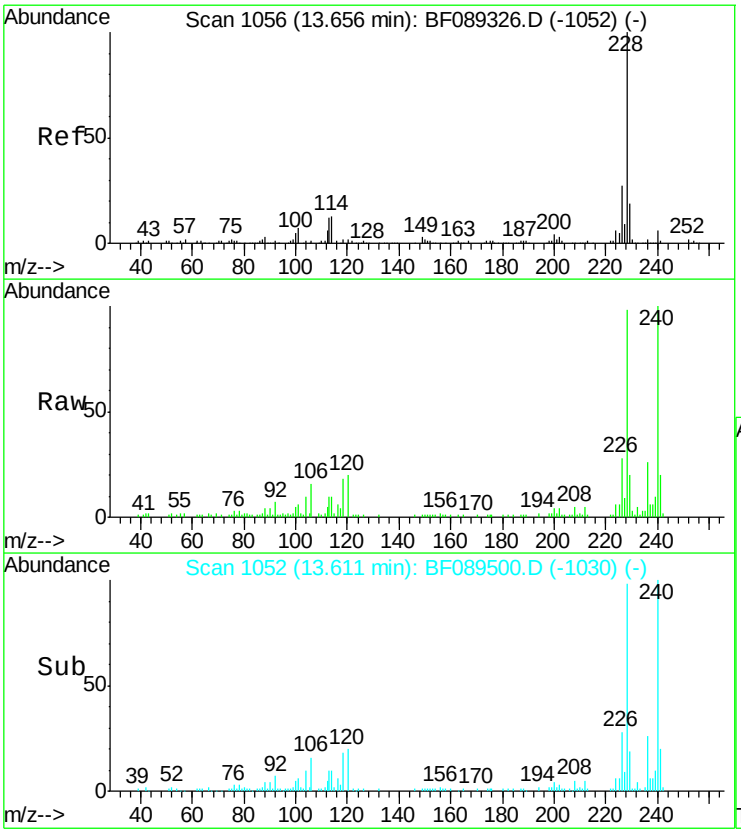
#78
Terphenyl-d14
Concen: 17.32 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.05 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 64527

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	7.7	11.4	17.0#

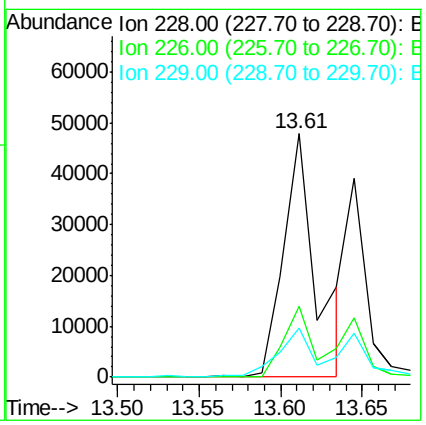


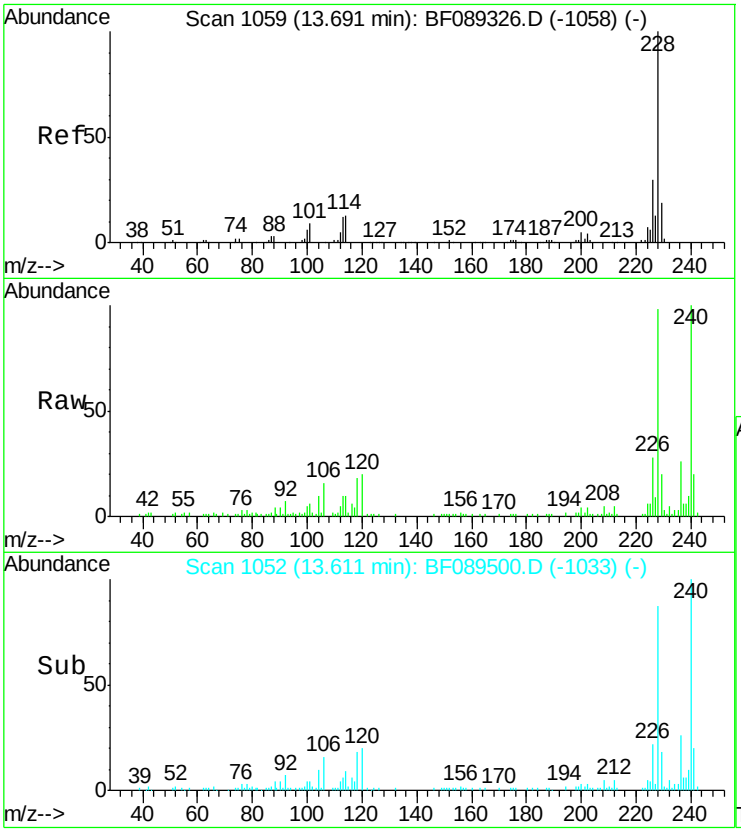


#80
Benzo(a)anthracene
Concen: 13.61 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.05 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:228 Resp: 66966

Ion	Ratio	Lower	Upper
228	100		
226	28.8	21.4	32.2
229	20.3	15.9	23.9



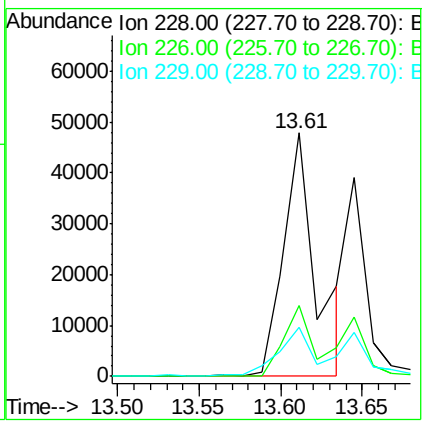


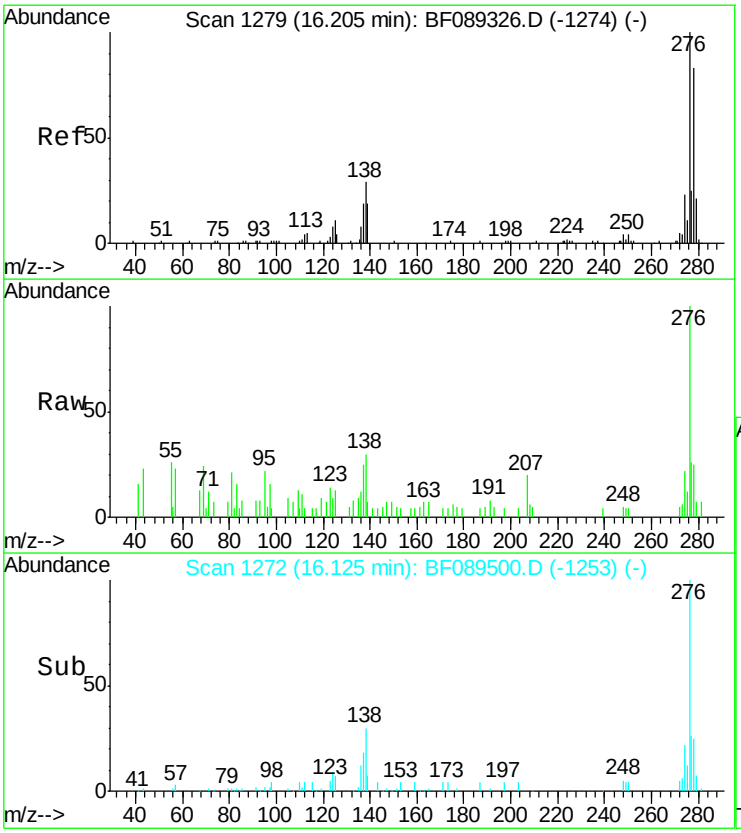
#82
Chrysene
Concen: 12.78 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.08 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 66966

Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.2	36.2
229	20.3	15.9	23.9

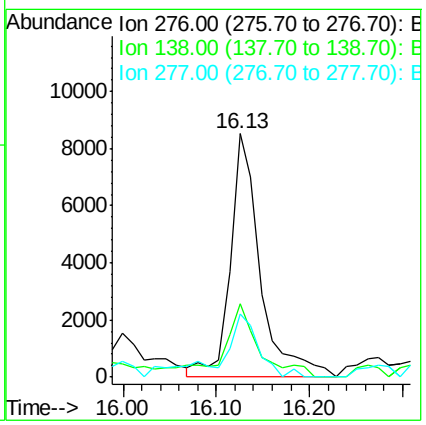


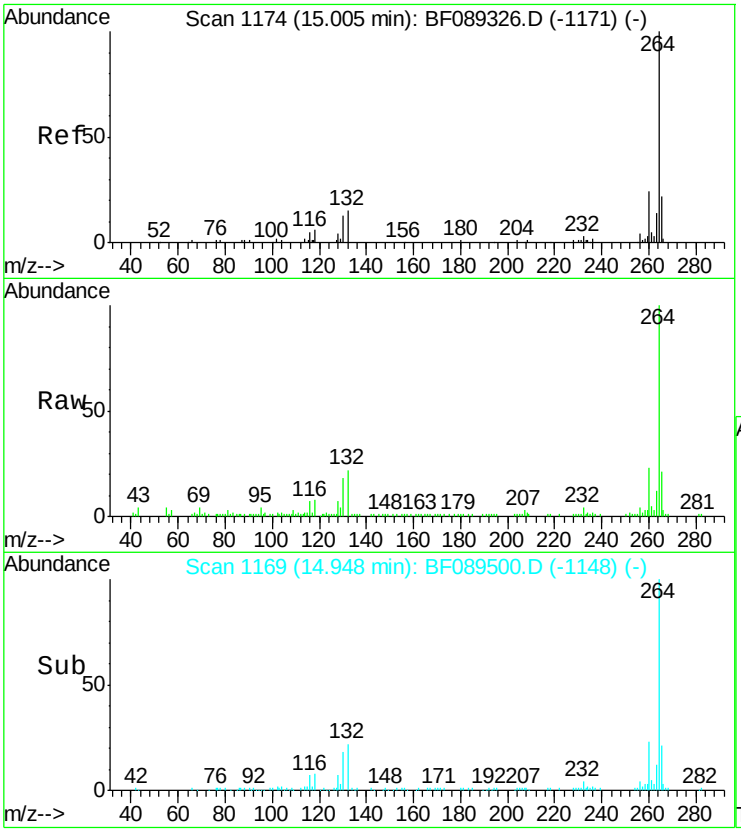


#85
Indeno(1,2,3-cd)pyrene
Concen: 5.11 ng
RT: 16.13 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:276 Resp: 19037

Ion	Ratio	Lower	Upper
276	100		
138	34.6	23.0	34.4#
277	33.1	20.2	30.4#



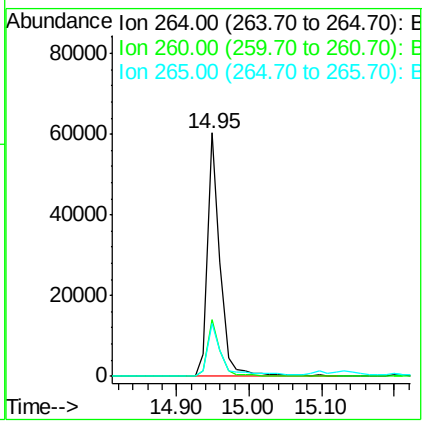


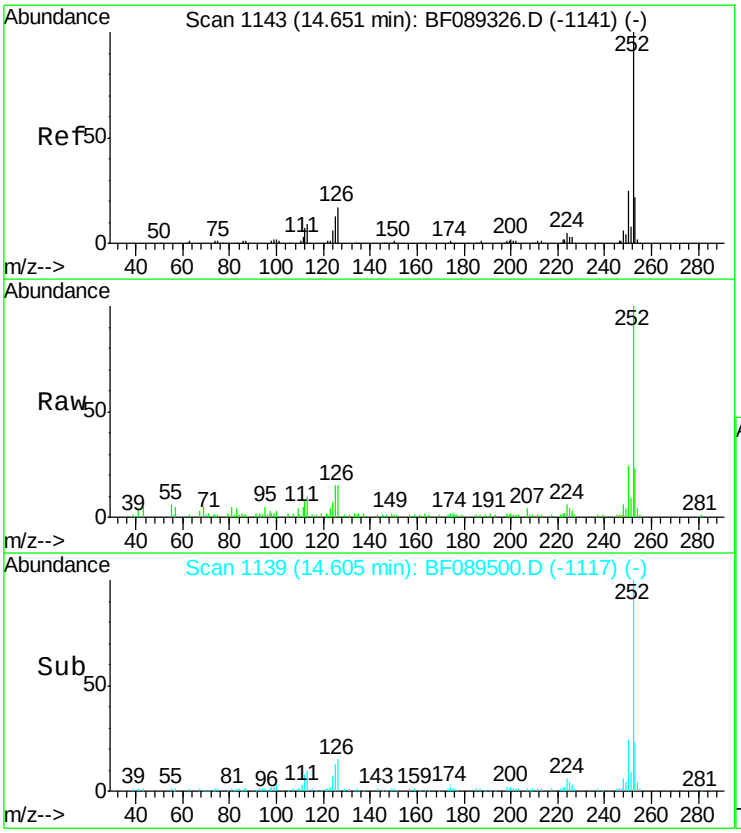
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 72499

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.0	28.4
265	21.5	17.5	26.3

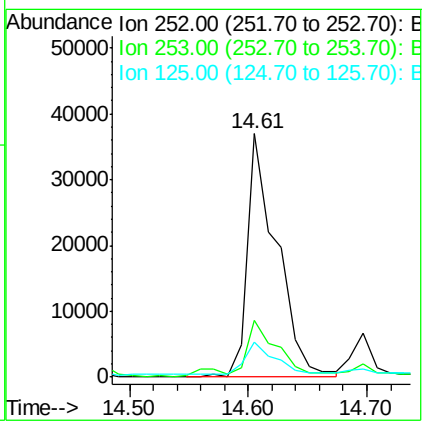


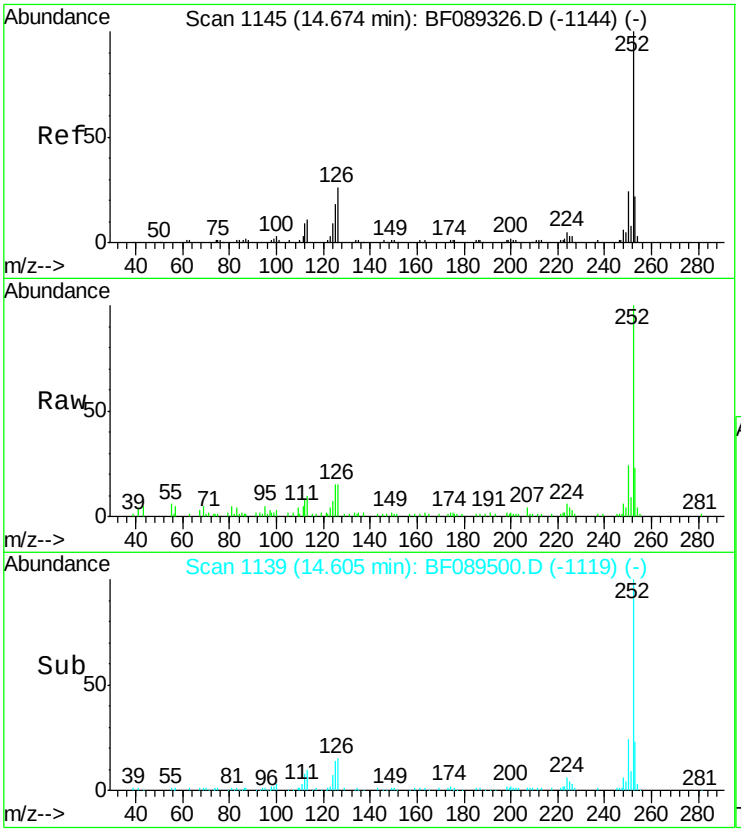


#87
Benzo(b)fluoranthene
Concen: 14.19 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.05 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:252 Resp: 63910

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	14.6	9.7	14.5#



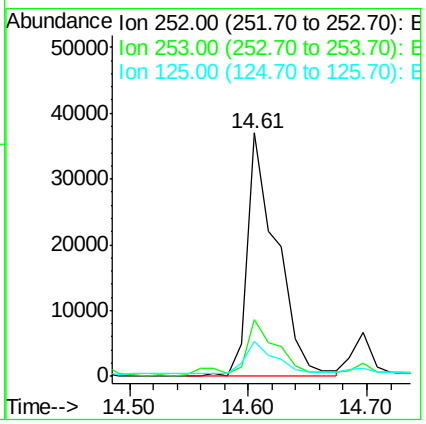


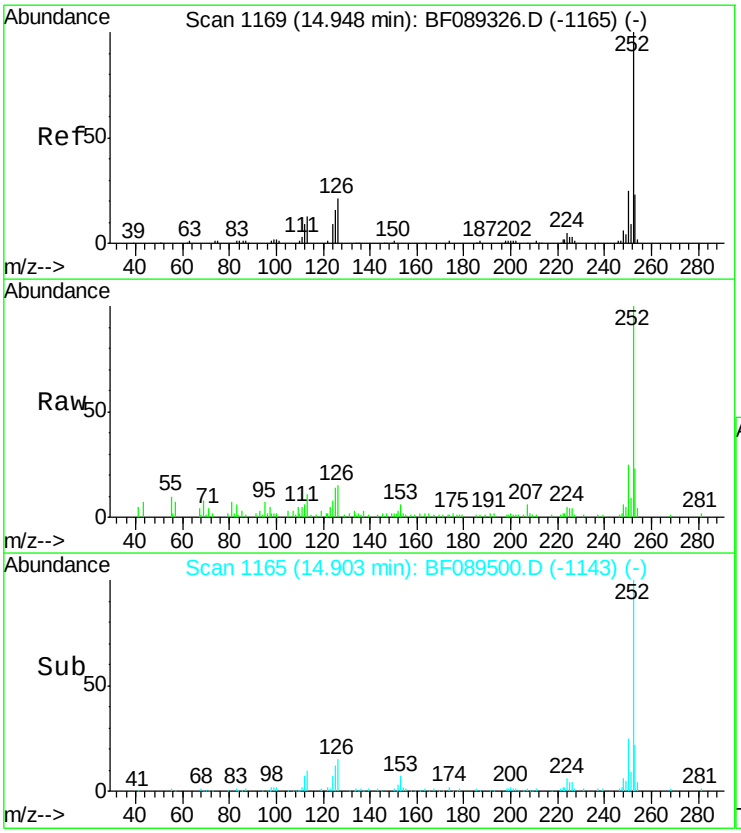
#88
Benzo(k)fluoranthene
Concen: 15.44 ng
RT: 14.61 min Scan# 1139
Delta R.T. -0.07 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 63910

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	14.6	10.7	16.1

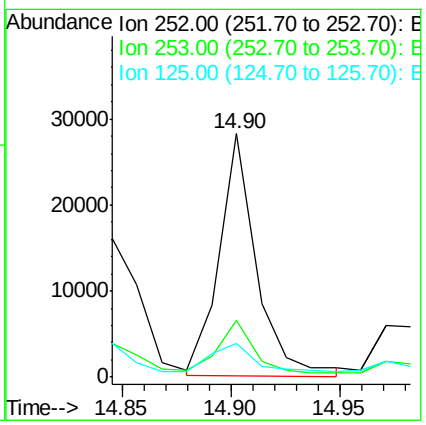


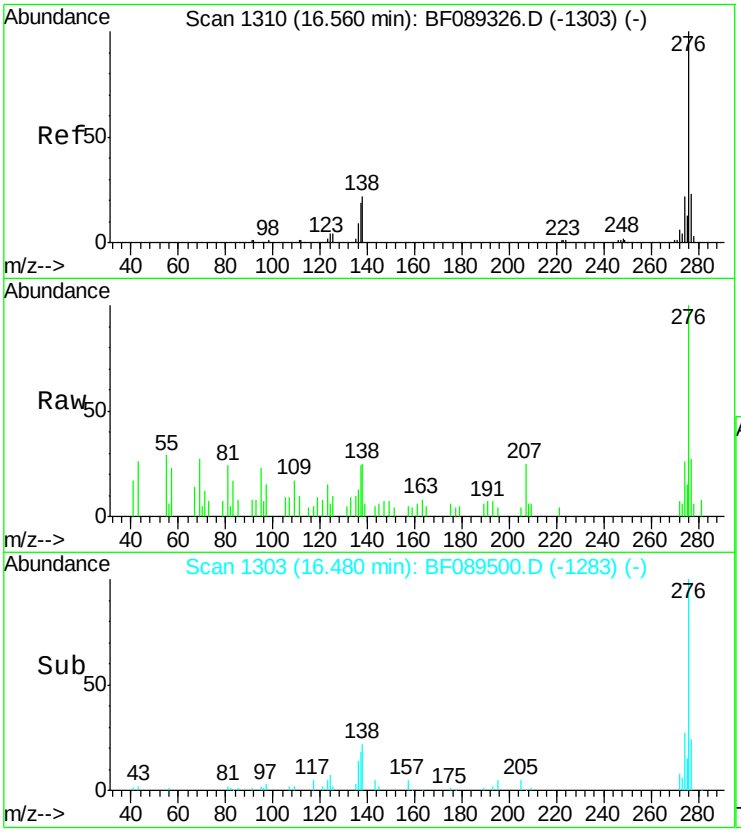


#89
Benzo(a)pyrene
Concen: 8.33 ng
RT: 14.90 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Tgt Ion:252 Resp: 33624

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	13.8	12.4	18.6





#91
Benzo(g,h,i)perylene
Concen: 5.35 ng
RT: 16.48 min Scan# 1303
Delta R.T. -0.07 min
Lab File: BF089500.D
Acq: 1 Aug 2016 7:29

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 16732

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	25.4	21.4	32.0