Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084897.D
Acq On : 6 Feb 2016 8:32
Operator : SJ/IZ
Sample : H1312-05RX
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SUP-B005(5-7)RX

Quant Time: Feb 07 23:57:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	175733	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	704882	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	294973	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	501034	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	345204	20.00	ng		-0.03
86) Perylene-d12	15.17	264	324086	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	27723	2.46	ng		-0.02
7) Phenol-d6	6.30	99	495629	35.44	ng		-0.03
23) Nitrobenzene-d5	7.23	82	834127	66.66	ng		-0.03
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng		
44) 2-Fluorobiphenyl	9.02	172	1366264	74.98	ng		-0.03
78) Terphenyl-d14	12.76	244	1124962	73.85	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.23	70	113824	12.98	ng	#	70
31) Naphthalene	7.96	128	92558	2.62	ng		98
49) Dimethylphthalate	9.42	163	239194	10.65	ng	#	90
55) 4-Nitrophenol	9.89	139	11905	2.94	ng	#	12
56) 2,4-Dinitrotoluene	9.70	165	39426	6.30	ng	#	22
70) Phenanthrene	11.20	178	400734	14.42	ng		99
71) Anthracene	11.24	178	84803	3.03	ng		99
74) Fluoranthene	12.37	202	273804	9.73	ng		97
77) Pyrene	12.60	202	250552	9.48	ng		98
80) Benzo(a)anthracene	13.79	228	116106	5.42	ng		98
82) Chrysene	13.83	228	81844	3.94	ng		96
85) Indeno(1,2,3-cd)pyrene	16.44	276	37663	2.30	ng		96
87) Benzo(b)fluoranthene	14.80	252	122638	5.63	ng	#	97
88) Benzo(k)fluoranthene	14.80	252	122638	6.81	ng		98
89) Benzo(a)pyrene	15.12	252	70858	3.82	ng		96
91) Benzo(g,h,i)perylene	16.82	276	33175	2.11	ng		96

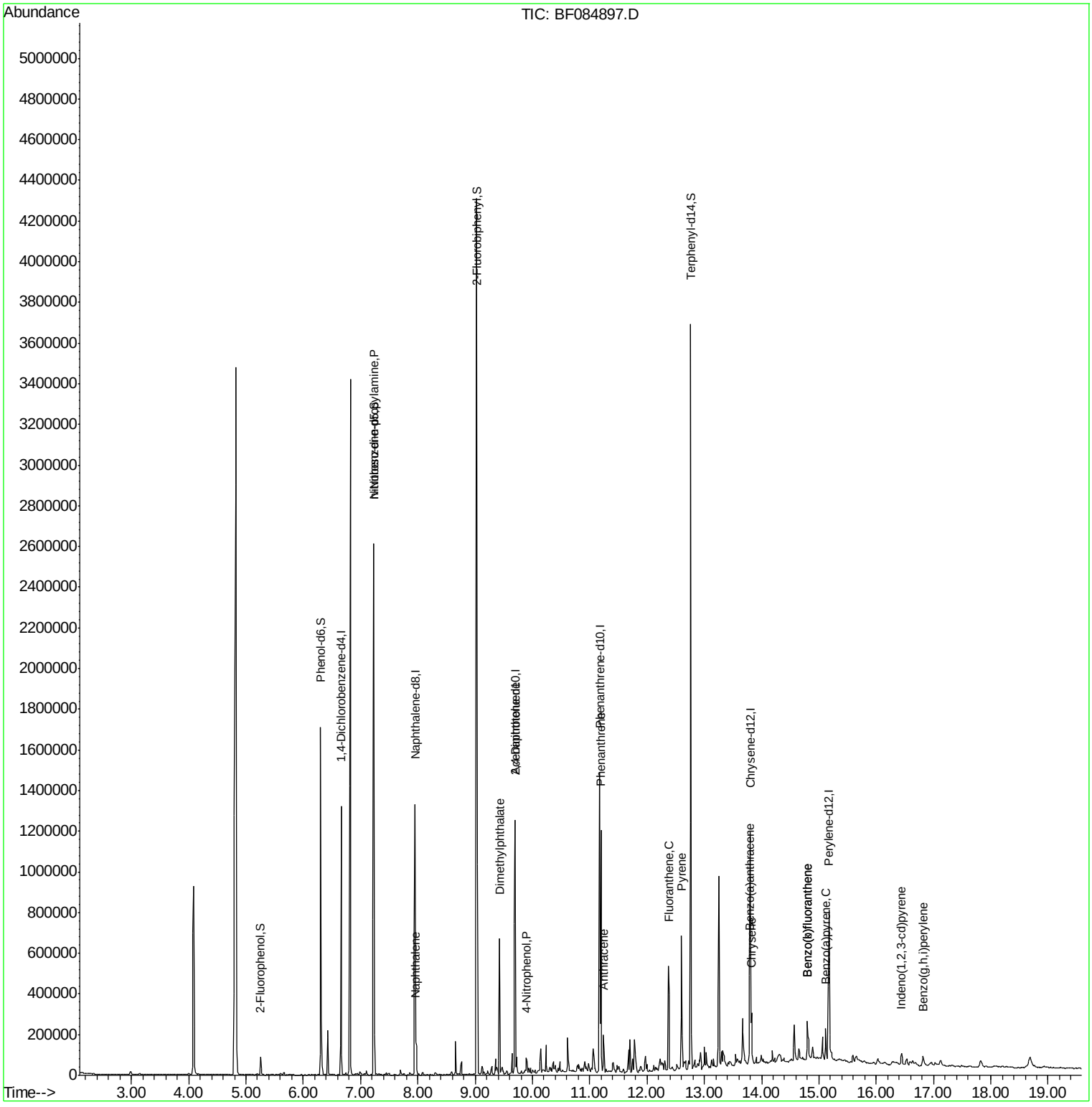
(#) = qualifier out of range (m) = manual integration (+) = signals summed

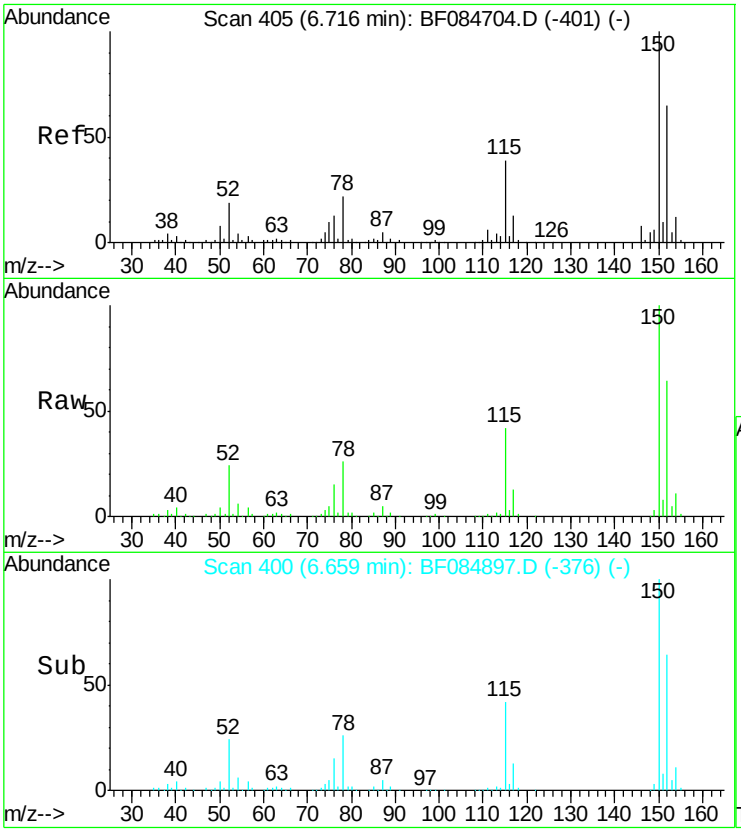
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020516\
Data File : BF084897.D
Acq On : 6 Feb 2016 8:32
Operator : SJ/IZ
Sample : H1312-05RX
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Quant Time: Feb 07 23:57:37 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration



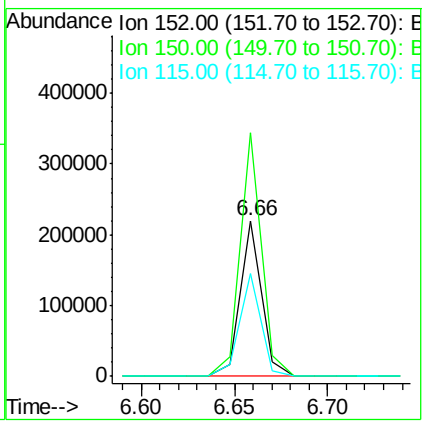


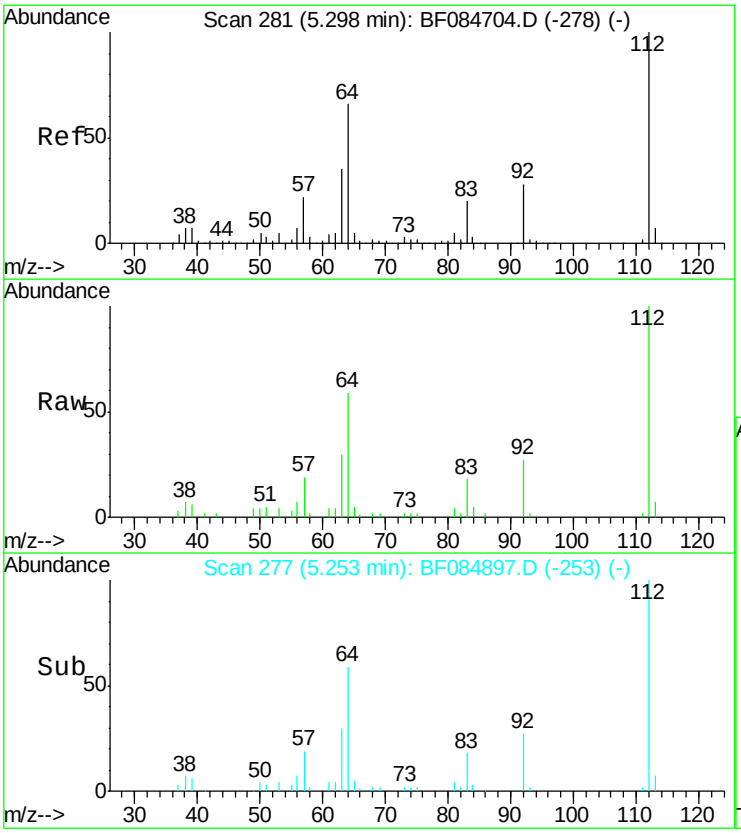
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:152 Resp: 175733

Ion	Ratio	Lower	Upper
152	100		
150	156.4	123.0	184.4
115	65.9	51.4	77.2

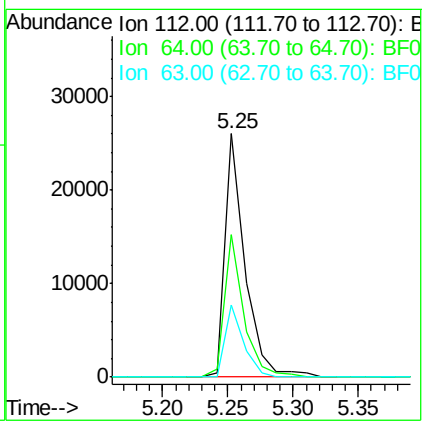


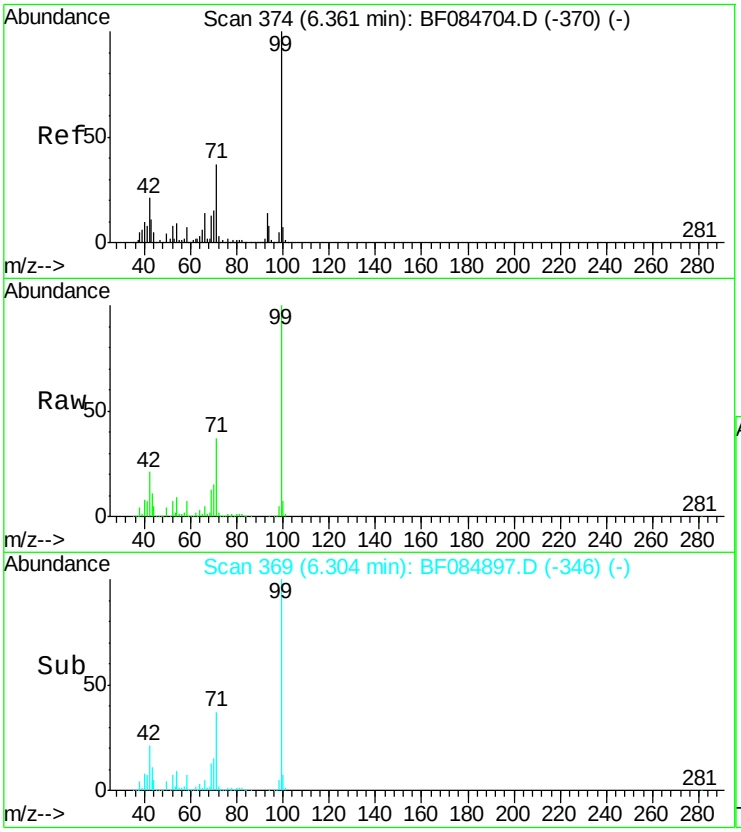


#5
2-Fluorophenol
Concen: 2.46 ng
RT: 5.25 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:112 Resp: 27723

Ion	Ratio	Lower	Upper
112	100		
64	58.6	36.6	55.0#
63	29.9	19.4	29.0#



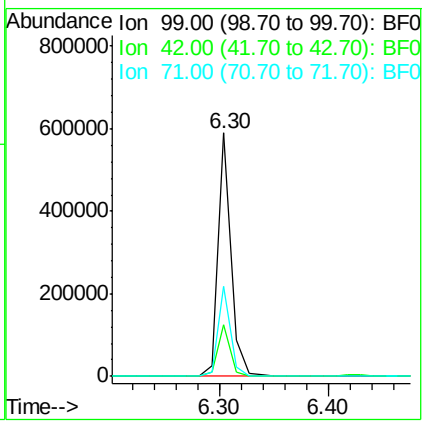


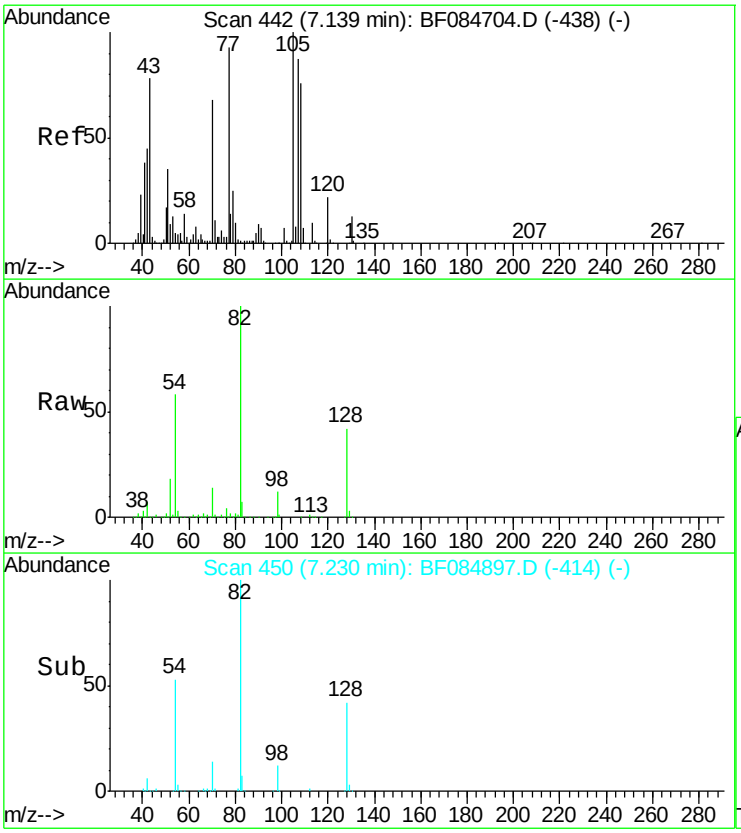
#7
Phenol-d6
Concen: 35.44 ng
RT: 6.30 min Scan# 369
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion: 99 Resp: 495629

Ion	Ratio	Lower	Upper
99	100		
42	21.1	12.8	19.2#
71	36.9	30.9	46.3

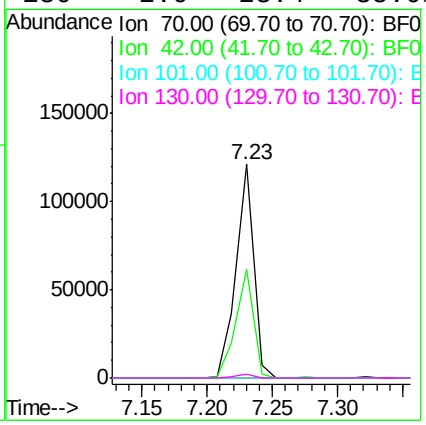


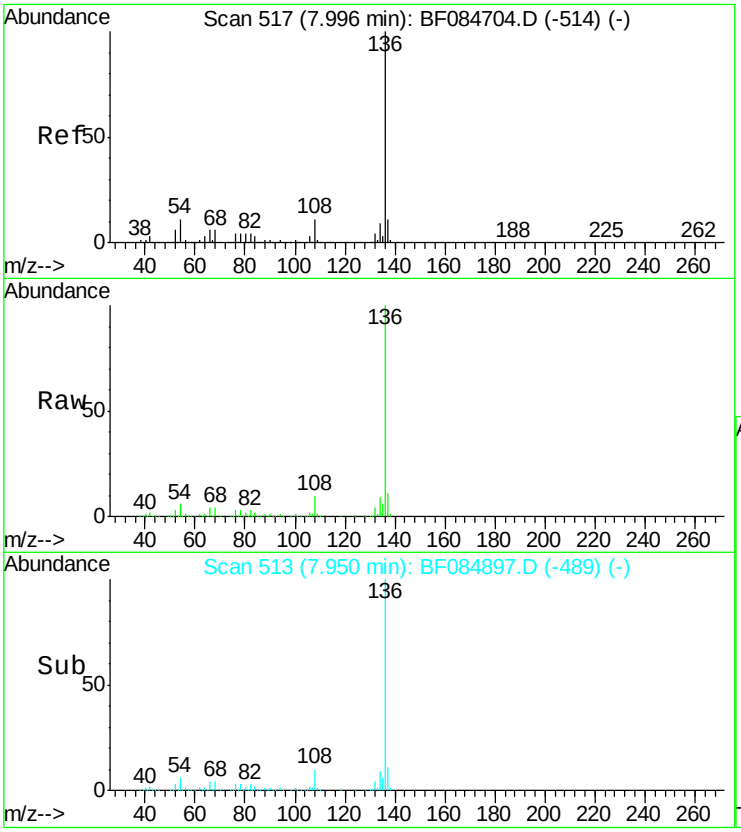


#19
n-Nitroso-di-n-propylamine
Concen: 12.98 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.11 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion: 70 Resp: 113824

Ion	Ratio	Lower	Upper
70	100		
42	50.8	33.3	49.9#
101	0.0	9.3	13.9#
130	2.0	23.4	35.0#



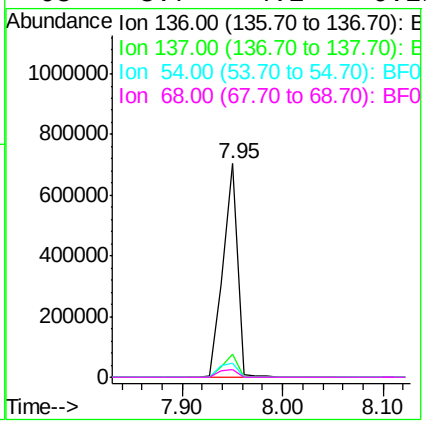


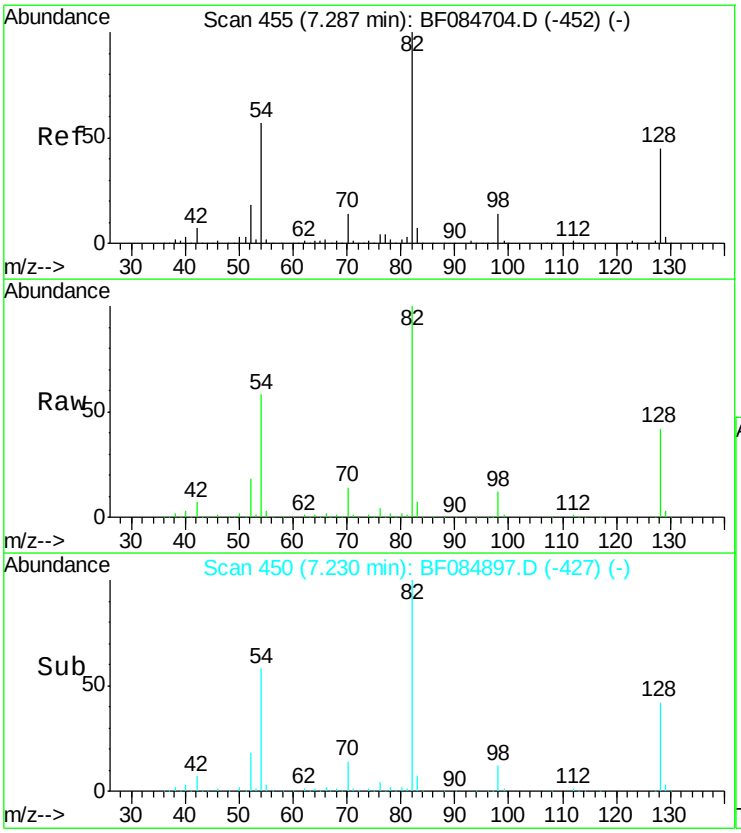
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:136 Resp: 704882

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.3	5.8	8.8
68	3.7	4.2	6.2#

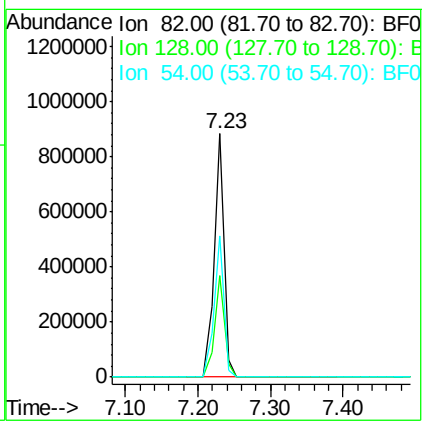


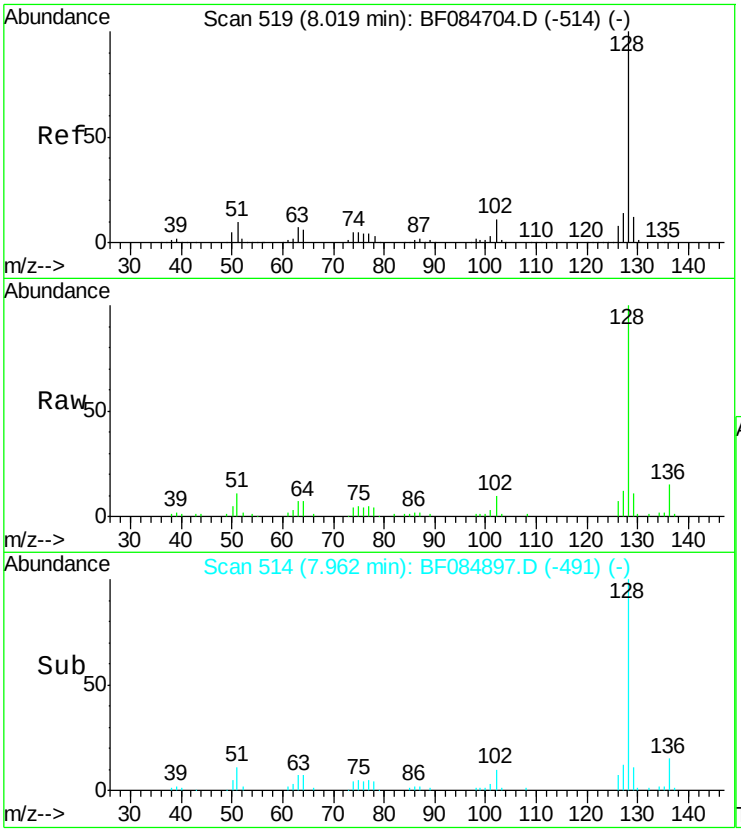


#23
Nitrobenzene-d5
Concen: 66.66 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion: 82 Resp: 834127

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	51.8
54	57.8	38.4	57.6#



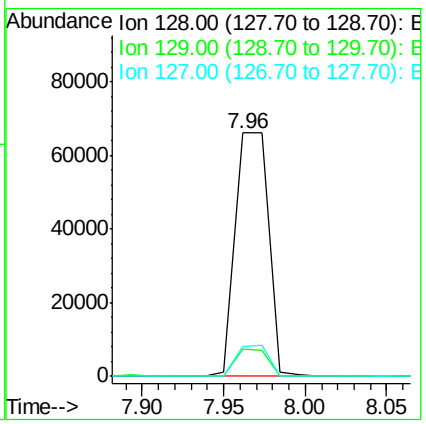


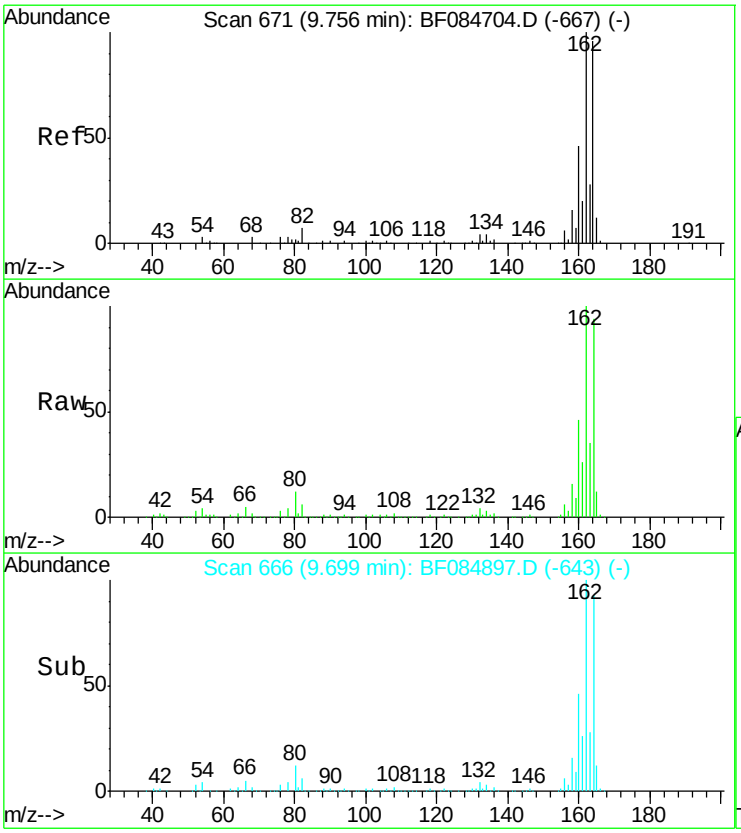
#31
Naphthalene
Concen: 2.62 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:128 Resp: 92558

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	12.3	11.1	16.7

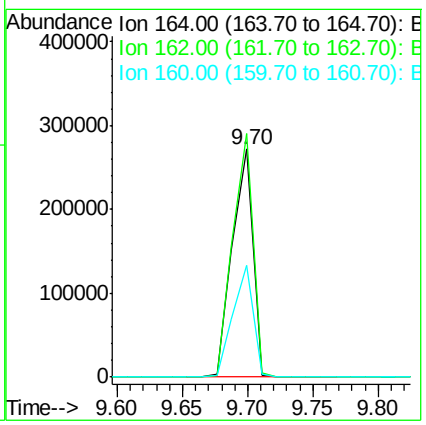


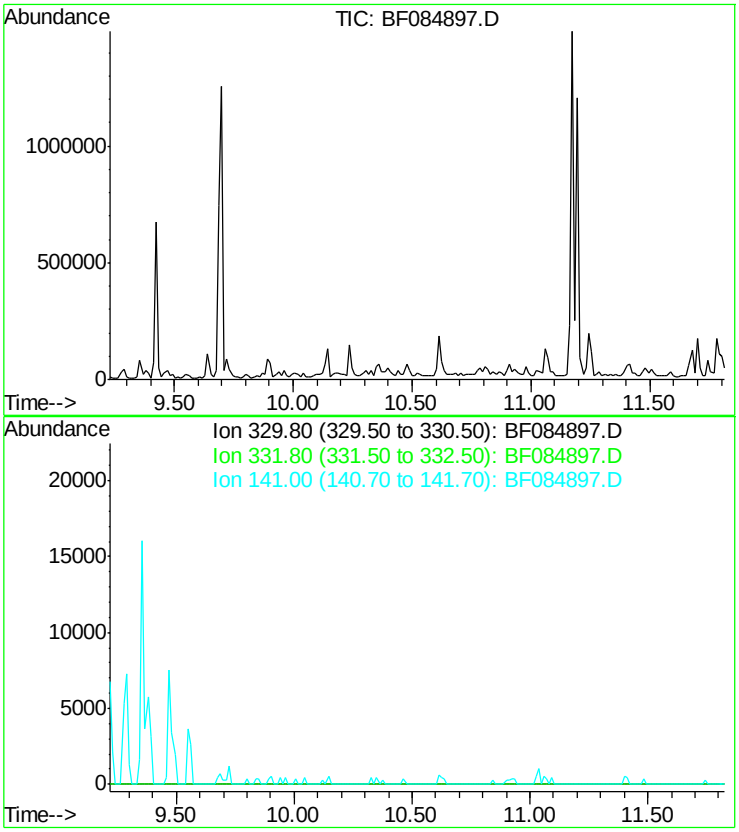


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:164 Resp: 294973

Ion	Ratio	Lower	Upper
164	100		
162	106.8	85.1	127.7
160	48.9	37.5	56.3





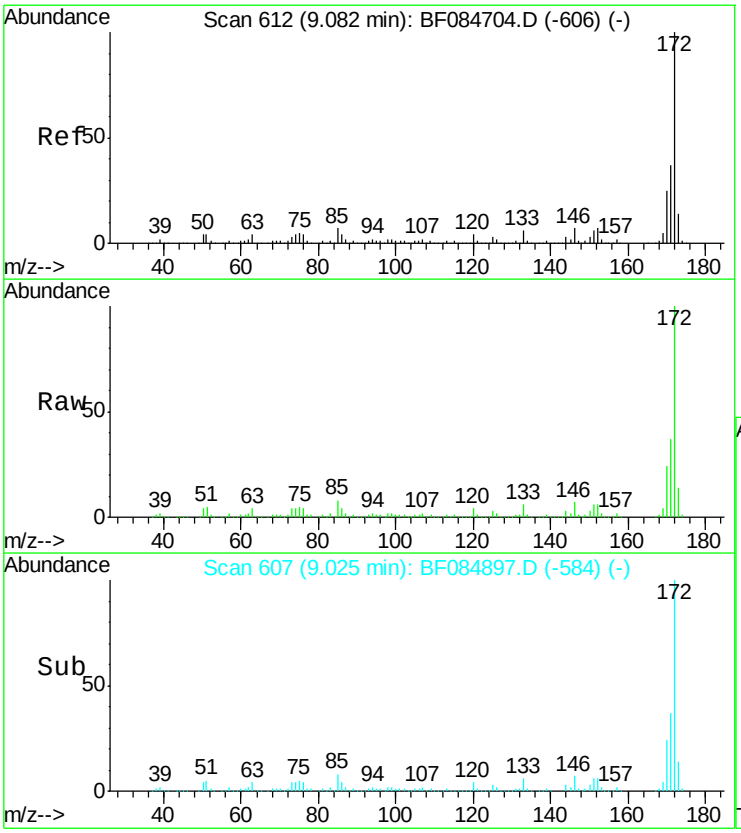
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.52 min

Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	95.7
141	34.7

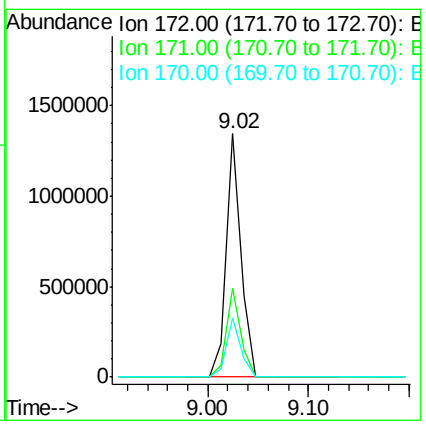
Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

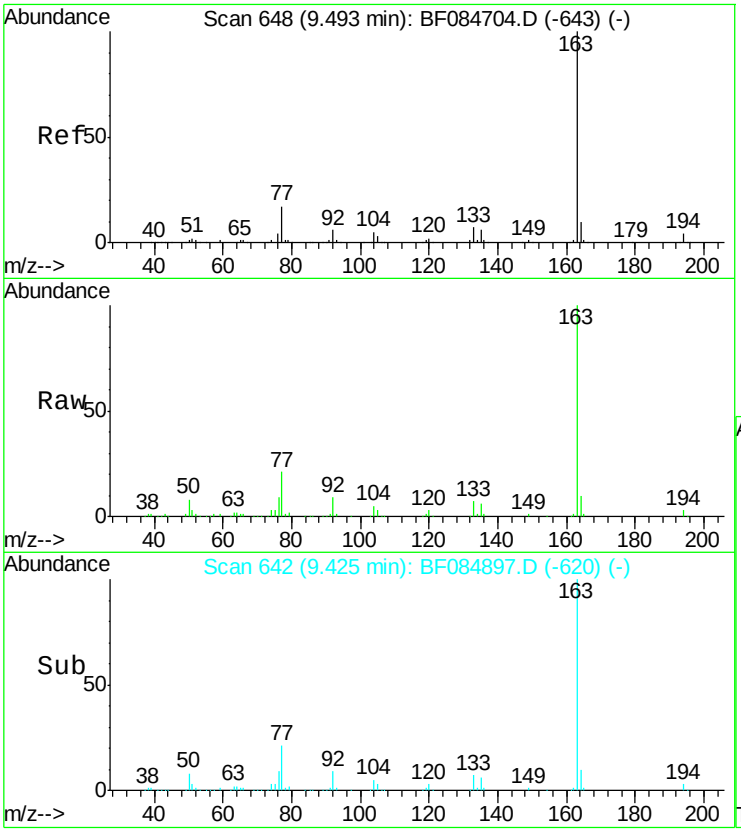


#44
2-Fluorobiphenyl
Concen: 74.98 ng
RT: 9.02 min Scan# 607
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:172 Resp: 1366264

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.5	18.6	27.8



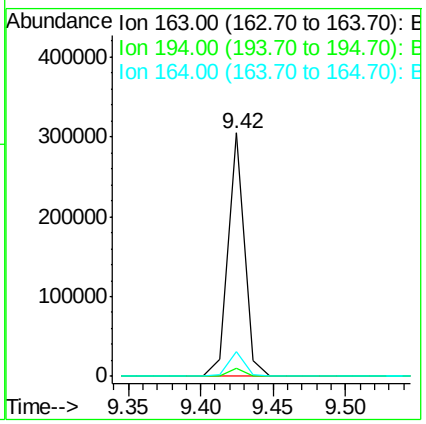


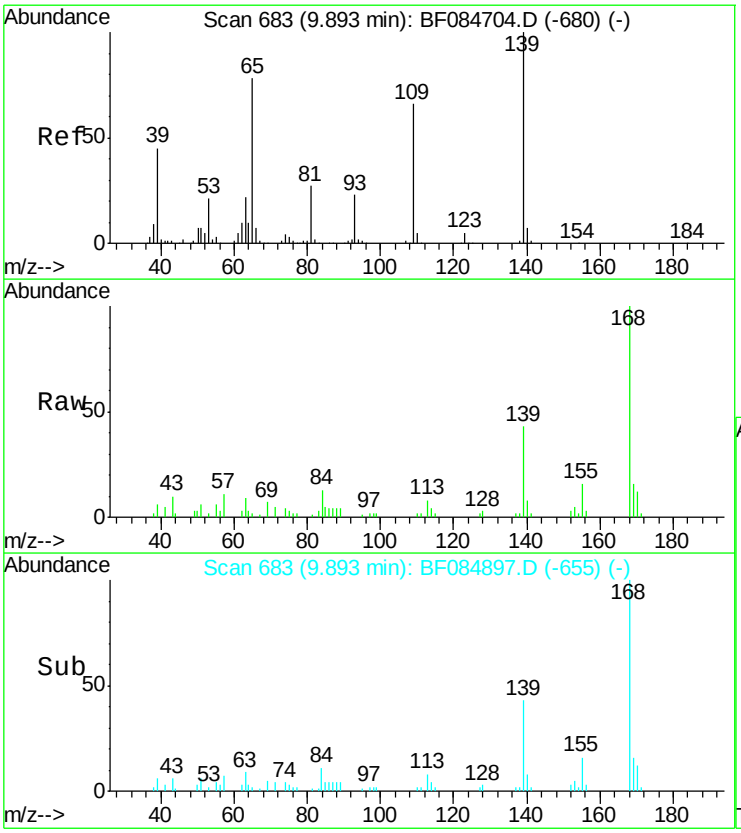
#49
Dimethylphthalate
Concen: 10.65 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.05 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:163 Resp: 239194

Ion	Ratio	Lower	Upper
163	100		
194	3.1	8.0	12.0#
164	10.2	8.0	12.0

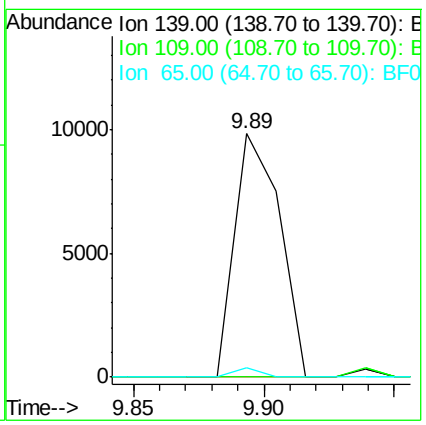


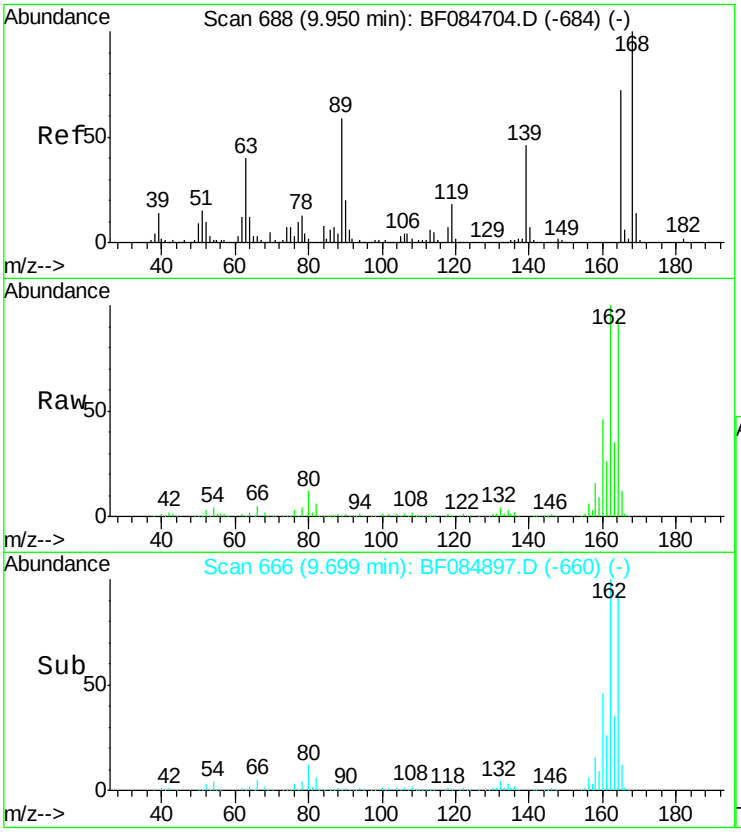


#55
4-Nitrophenol
Concen: 2.94 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.02 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:139 Resp: 11905

Ion	Ratio	Lower	Upper
139	100		
109	0.0	58.5	98.5#
65	3.6	57.6	97.6#



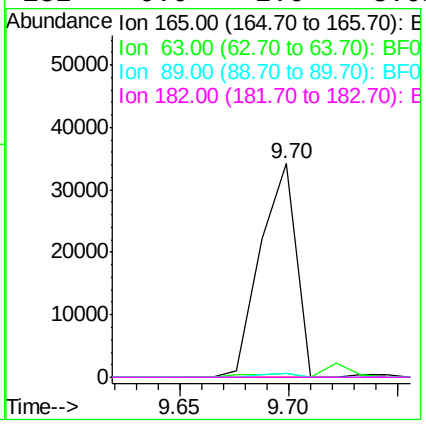


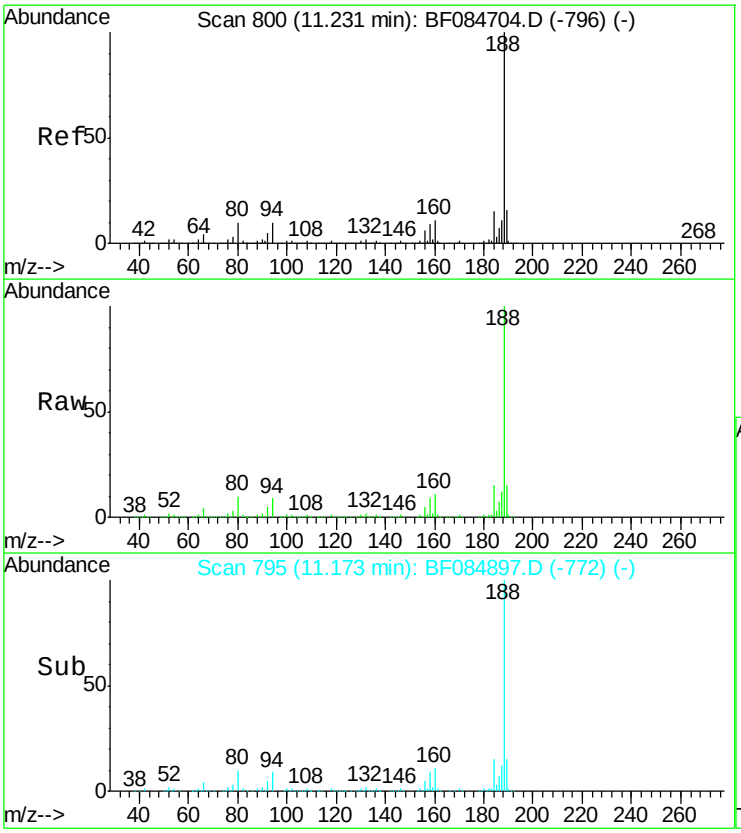
#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.23 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:165 Resp: 39426

Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.7	55.1#
89	1.7	61.9	92.9#
182	0.0	2.0	3.0#

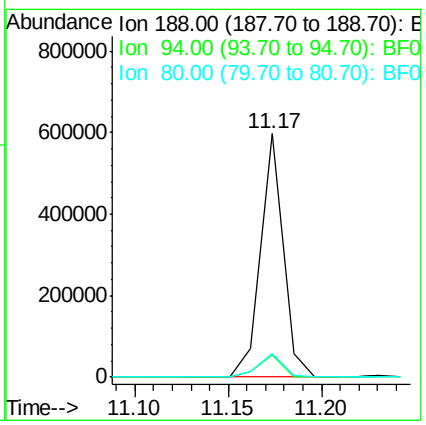


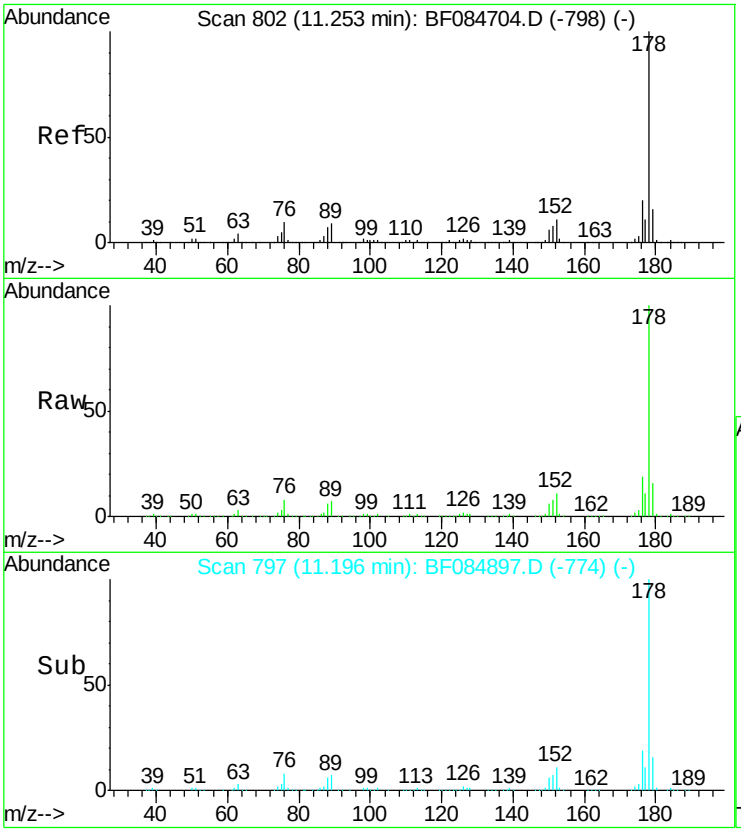


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 795
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:188 Resp: 501034

Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.5	9.6	14.4#



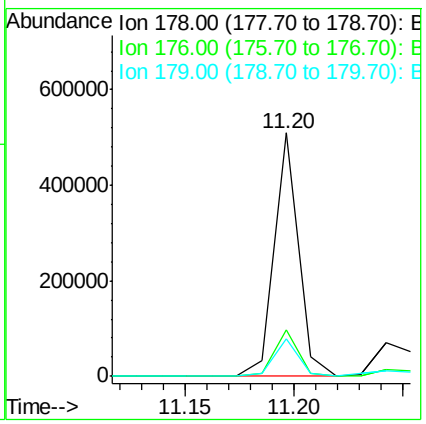


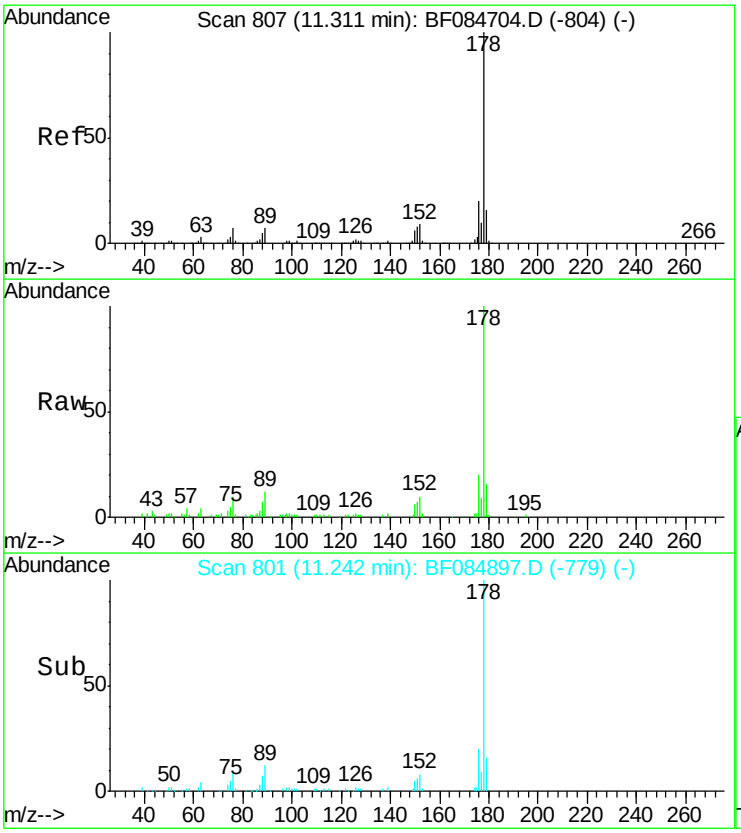
#70
Phenanthrene
Concen: 14.42 ng
RT: 11.20 min Scan# 797
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:178 Resp: 400734

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.6	12.0	18.0

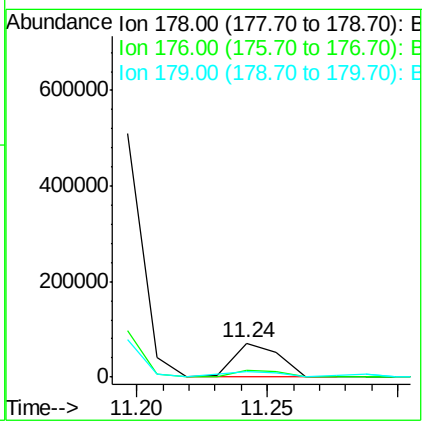


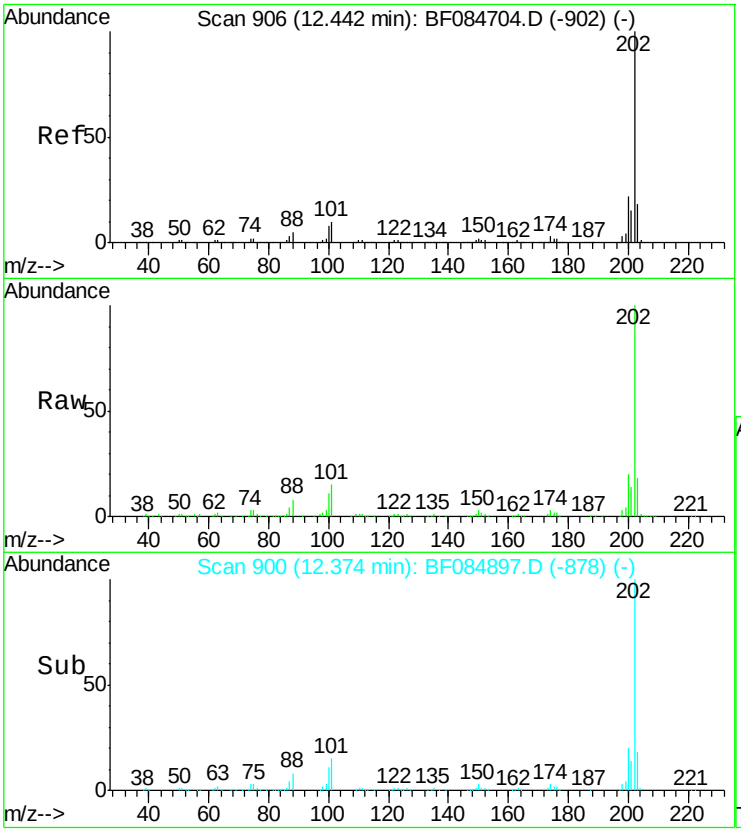


#71
Anthracene
Concen: 3.03 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.05 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:178 Resp: 84803

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	16.1	12.5	18.7



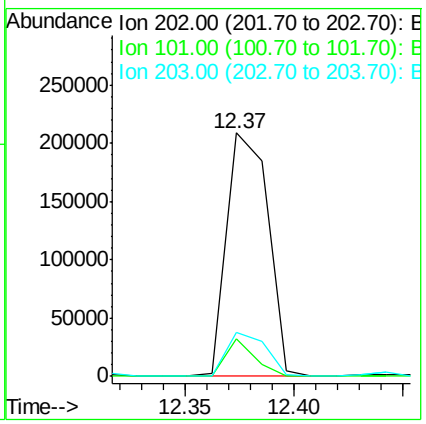


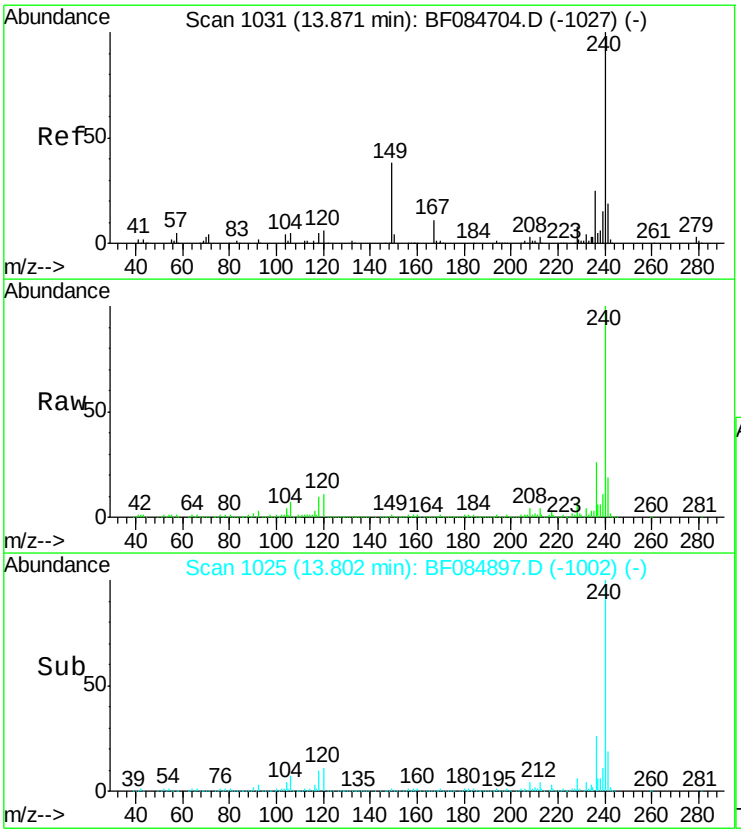
#74
Fluoranthene
Concen: 9.73 ng
RT: 12.37 min Scan# 900
Delta R.T. -0.05 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:202 Resp: 273804

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	32.8
203	17.9	0.0	37.9

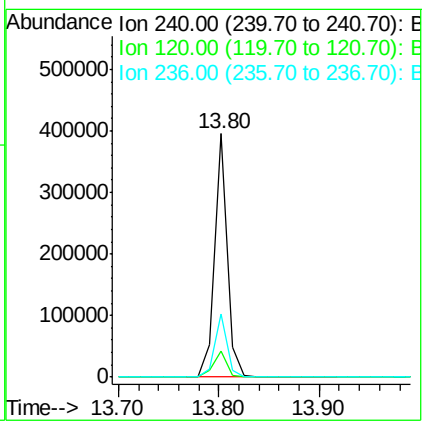


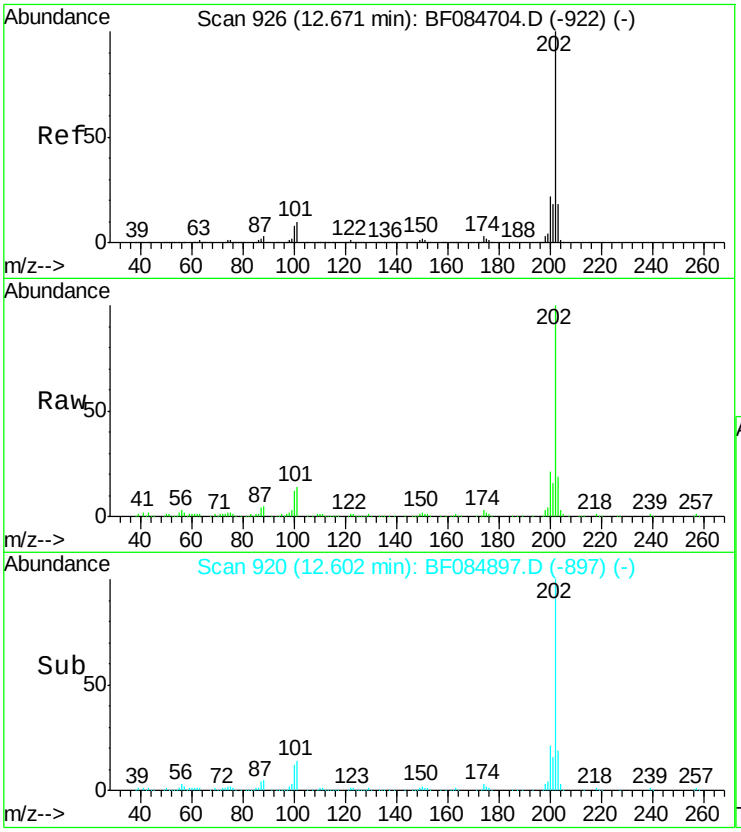


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1025
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:240 Resp: 345204

Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	26.1	20.6	31.0



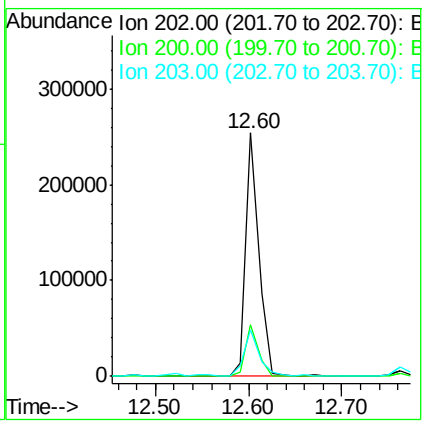


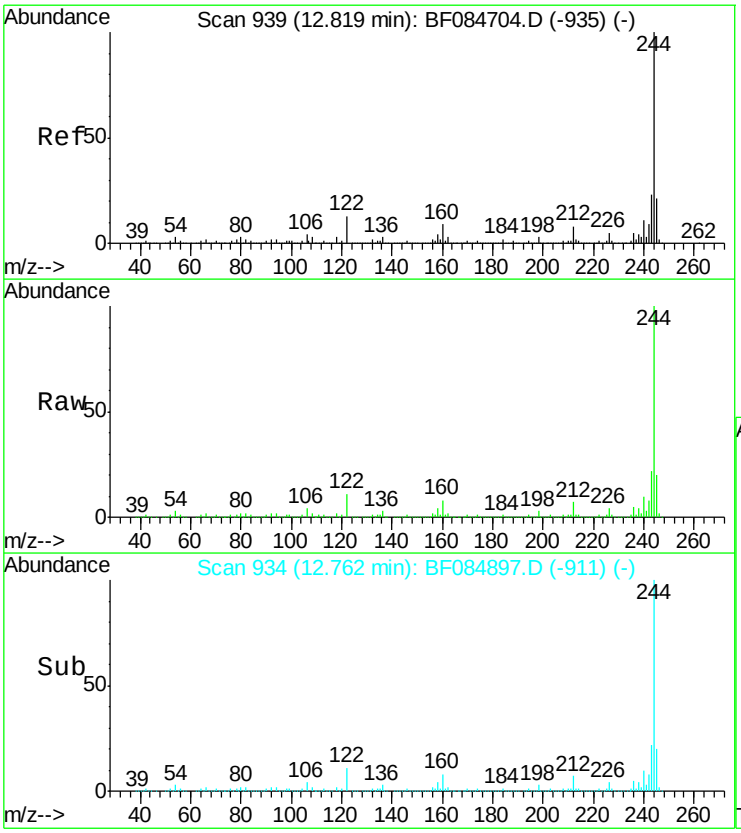
#77
Pyrene
Concen: 9.48 ng
RT: 12.60 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:202 Resp: 250552

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.2	25.8
203	19.1	14.3	21.5

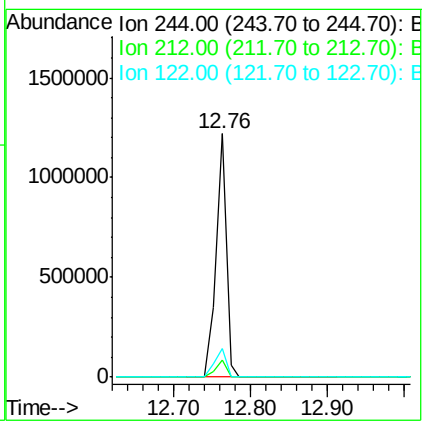


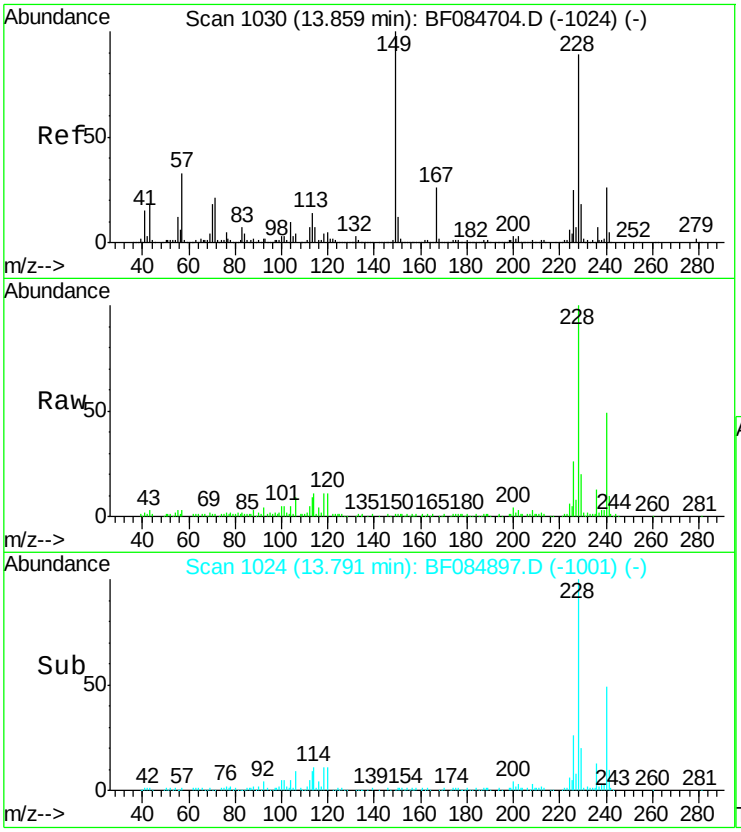


#78
Terphenyl-d14
Concen: 73.85 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:244 Resp: 1124962

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	11.5	7.4	11.0#



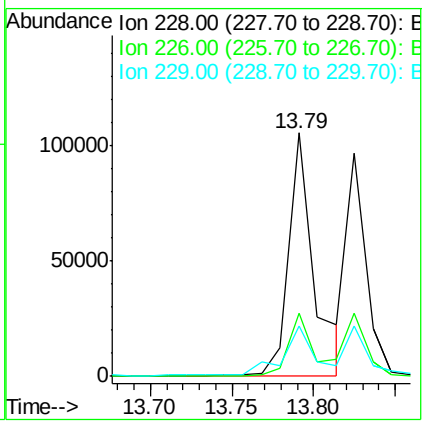


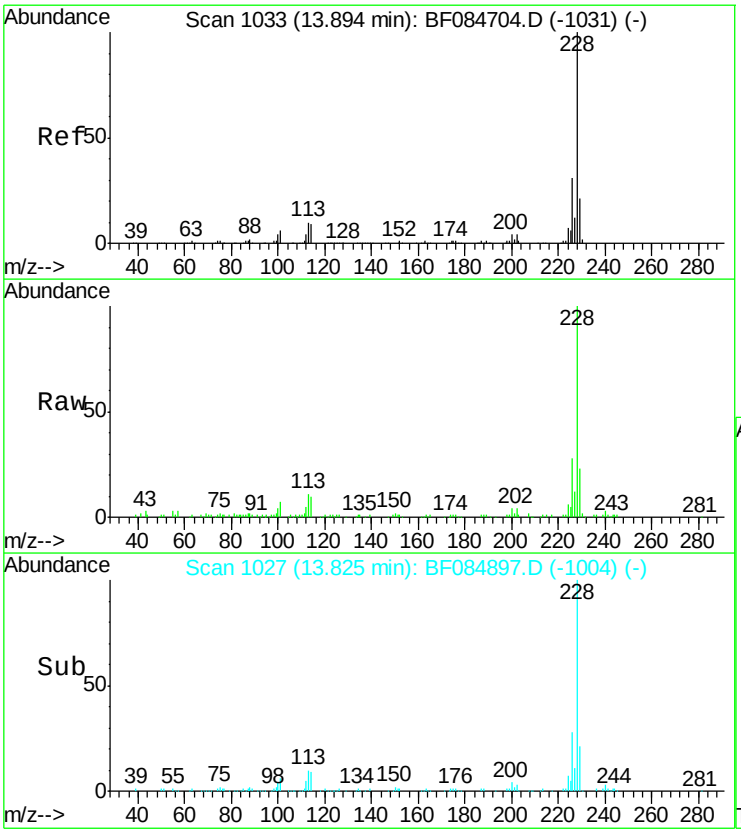
#80
Benzo(a)anthracene
Concen: 5.42 ng
RT: 13.79 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:228 Resp: 116106

Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.8	32.6
229	20.5	15.8	23.8

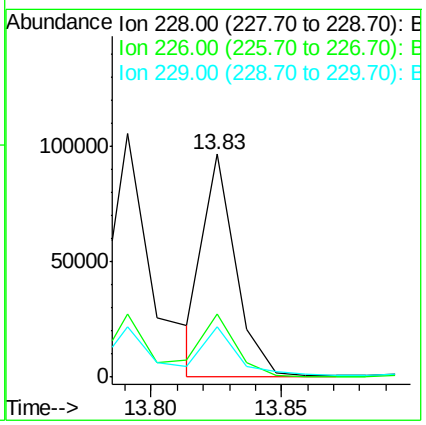


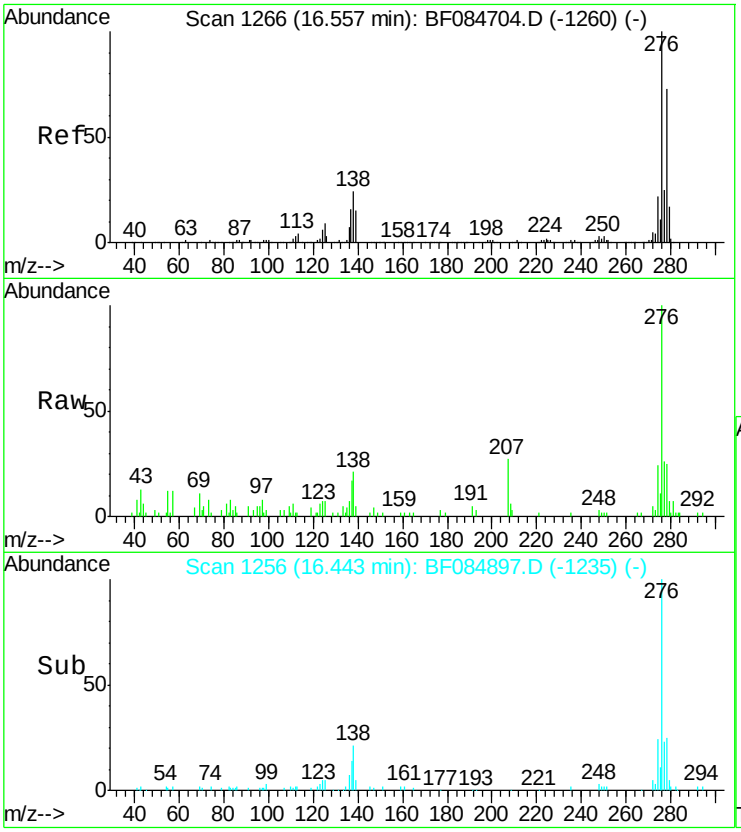


#82
Chrysene
Concen: 3.94 ng
RT: 13.83 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:228 Resp: 81844

Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.3	36.5
229	22.5	16.1	24.1



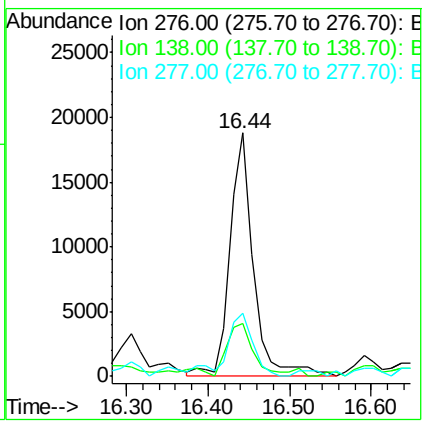


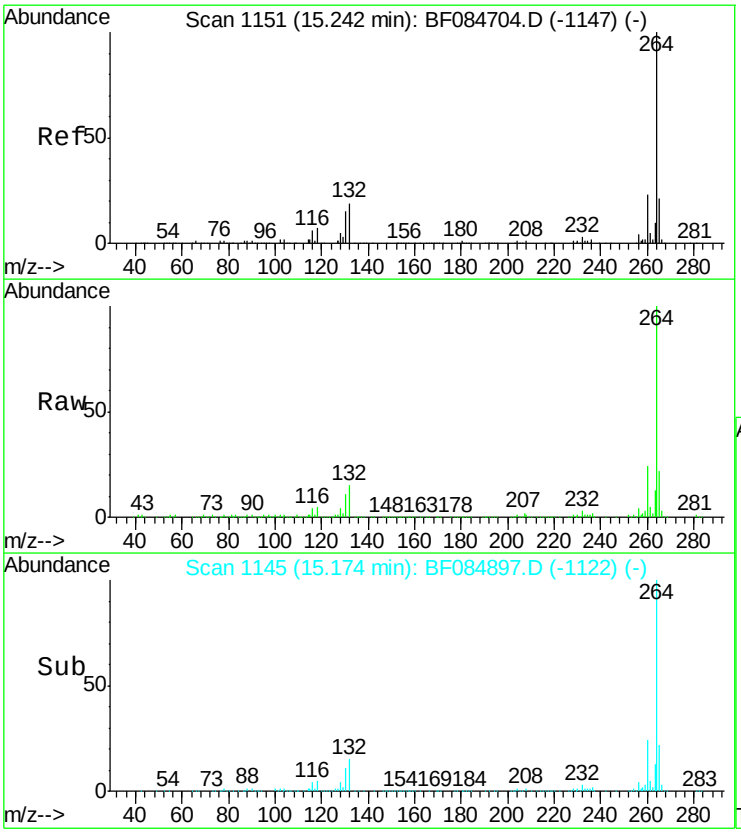
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.30 ng
RT: 16.44 min Scan# 1256
Delta R.T. -0.06 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:276 Resp: 37663

Ion	Ratio	Lower	Upper
276	100		
138	25.6	20.6	30.8
277	29.4	20.1	30.1

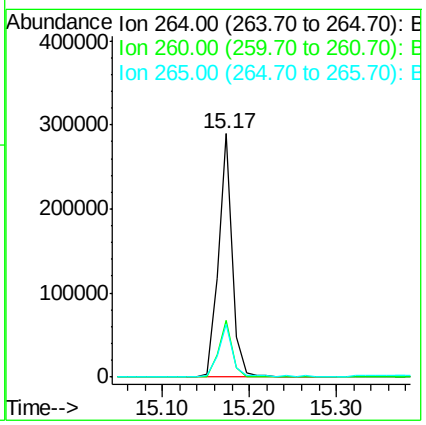


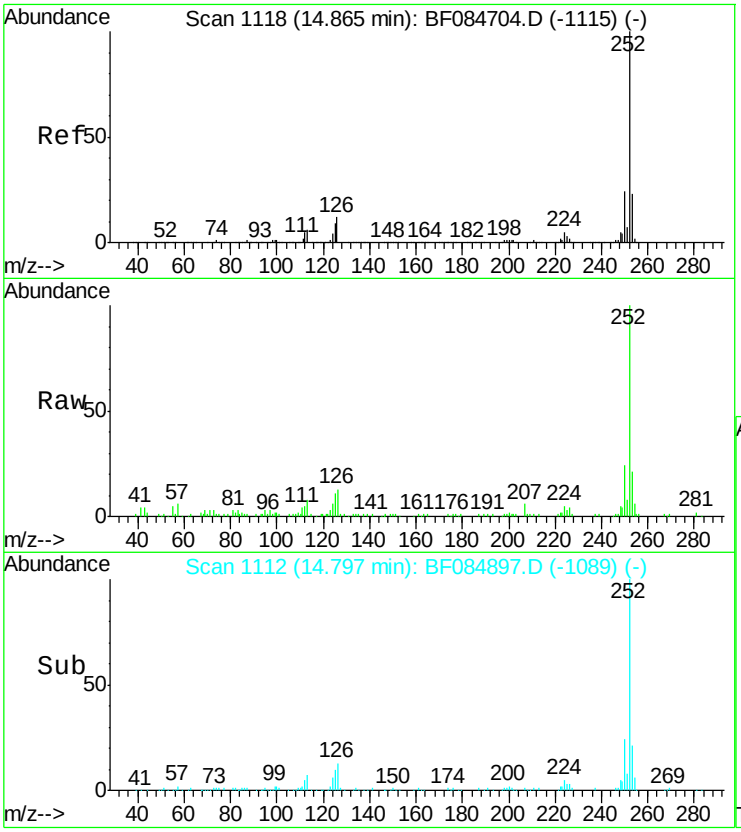


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:264 Resp: 324086

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.7	17.8	26.6



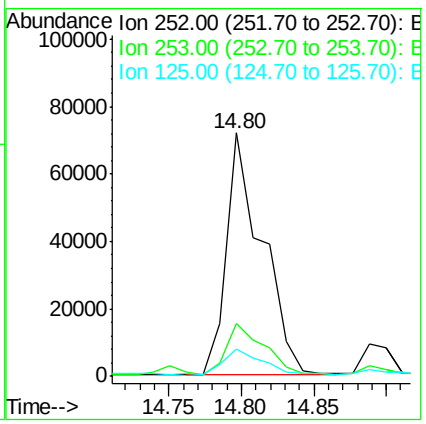


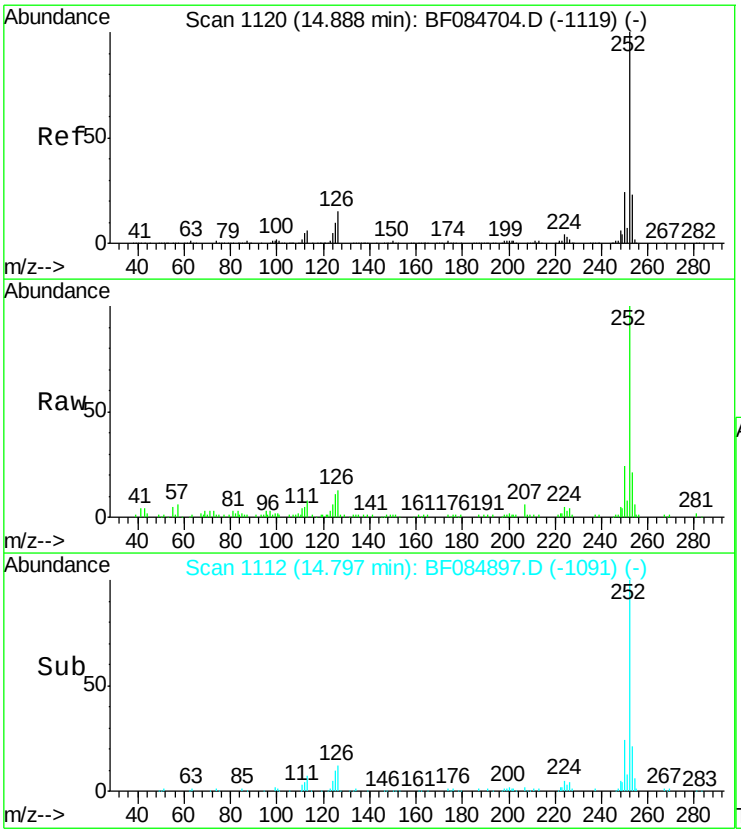
#87
Benzo(b)fluoranthene
Concen: 5.63 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:252 Resp: 122638

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	11.1	6.5	9.7#

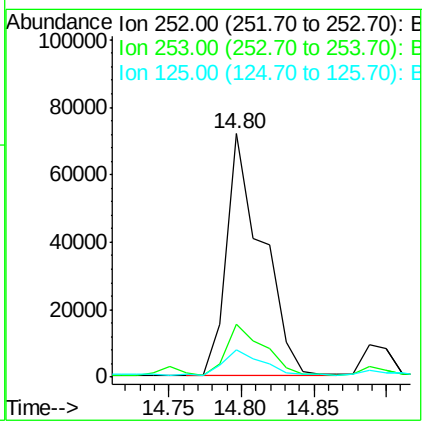


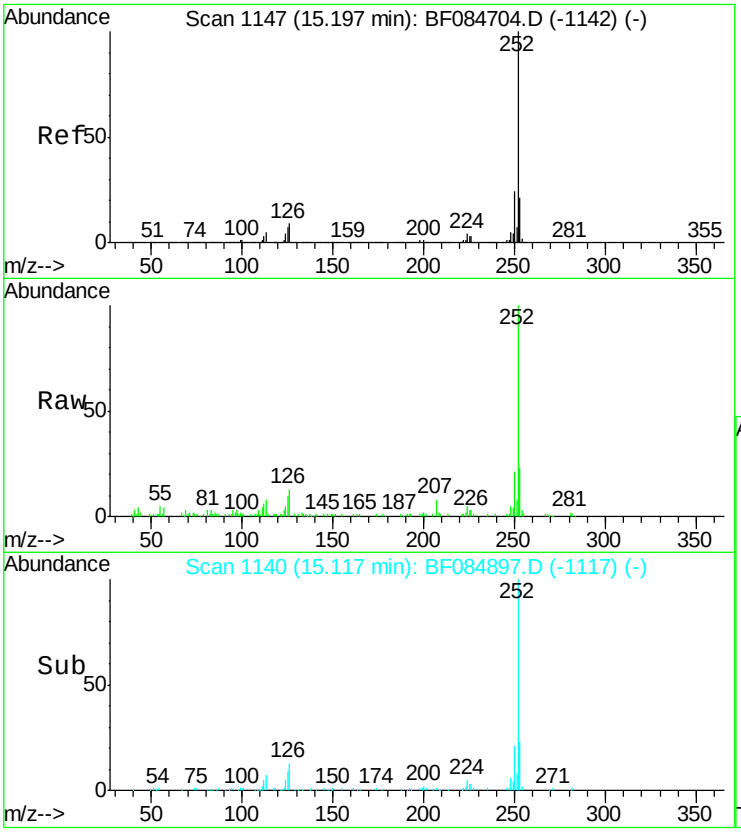


#88
Benzo(k)fluoranthene
Concen: 6.81 ng
RT: 14.80 min Scan# 1112
Delta R.T. -0.06 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:252 Resp: 122638

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	11.1	9.0	13.6



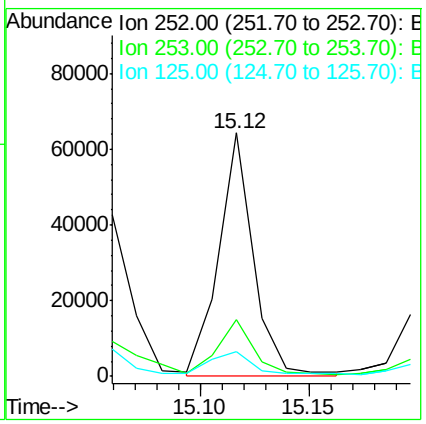


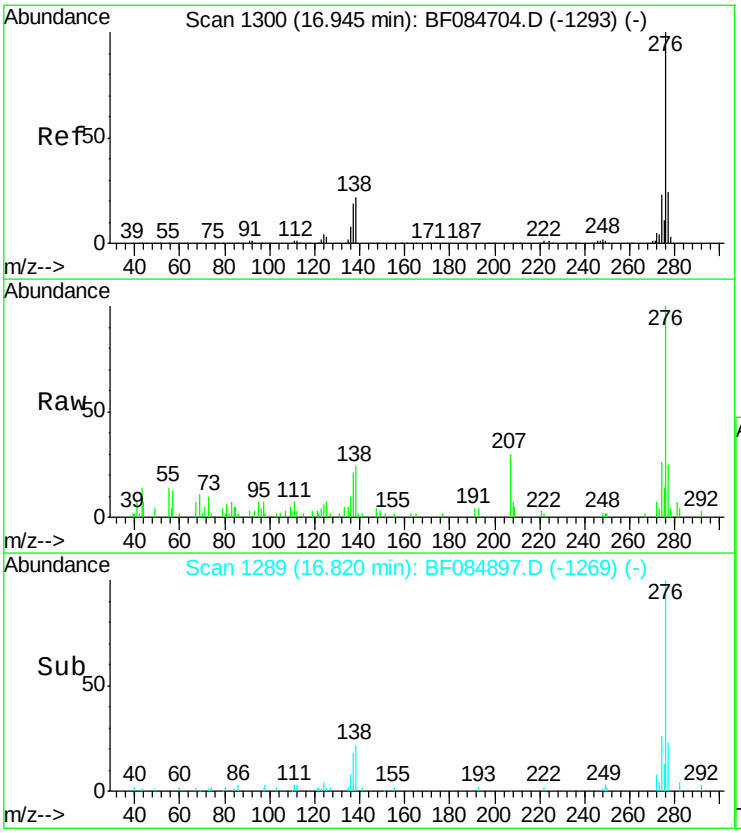
#89
Benzo(a)pyrene
Concen: 3.82 ng
RT: 15.12 min Scan# 1140
Delta R.T. -0.03 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Instrument :
BNA_F
ClientSampleId :
SUP-B005(5-7)RX

Tgt Ion:252 Resp: 70858

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.3	25.9
125	10.3	7.0	10.4





#91
Benzo(g,h,i)perylene
Concen: 2.11 ng
RT: 16.82 min Scan# 1289
Delta R.T. -0.07 min
Lab File: BF084897.D
Acq: 6 Feb 2016 8:32

Tgt Ion:276 Resp: 33175

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.8	28.2
138	24.4	17.8	26.6