Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097631.D
Acq On : 12 Aug 2017 10:57
Operator : SJ/JU
Sample : I4736-04 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-34-COMP

Quant Time: Aug 14 01:02:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	97693	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	417257	20.00	ng		0.00
38) Acenaphthene-d10	12.36	164	174851	20.00	ng		0.00
63) Phenanthrene-d10	14.76	188	273066	20.00	ng		0.00
75) Chrysene-d12	18.46	240	201732	20.00	ng		0.00
86) Perylene-d12	20.13	264	198573	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	100245	16.31	ng		0.05
7) Phenol-d6	7.09	99	118290	15.51	ng		0.04
23) Nitrobenzene-d5	8.43	82	71227	10.70	ng		0.01
41) 2,4,6-Tribromophenol	13.67	330	19643	14.78	ng		0.00
44) 2-Fluorobiphenyl	11.32	172	128925	11.13	ng		0.00
78) Terphenyl-d14	17.12	244	87777	9.01	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	9.57	128	159307	7.62	ng		97
33) 4-Chloroaniline	9.57	127	19521	2.25	ng	#	28
37) 2-Methylnaphthalene	10.70	142	67299	5.12	ng		98
50) 2,6-Dinitrotoluene	12.36	165	20993	7.54	ng	#	33
51) Acenaphthene	12.42	154	56918	5.19	ng		97
55) 4-Nitrophenol	12.72	139	12055	8.69	ng	#	25
57) Fluorene	13.26	166	40102	3.17	ng		96
70) Phenanthrene	14.80	178	200965	12.78	ng		98
71) Anthracene	14.80	178	200965	12.49	ng		98
74) Fluoranthene	16.57	202	143806	10.12	ng		98
77) Pyrene	16.87	202	142225	8.53	ng		95
80) Benzo(a)anthracene	18.45	228	51760	4.39	ng		99
82) Chrysene	18.50	228	53476	4.56	ng		97
85) Indeno(1,2,3-cd)pyrene	21.37	276	19764	2.17	ng		98
87) Benzo(b)fluoranthene	19.73	252	77490	6.50	ng	#	97
88) Benzo(k)fluoranthene	19.73	252	77490	6.45	ng		98
89) Benzo(a)pyrene	20.08	252	48587	4.44	ng		96
91) Benzo(g,h,i)perylene	21.71	276	19387	2.26	ng		98

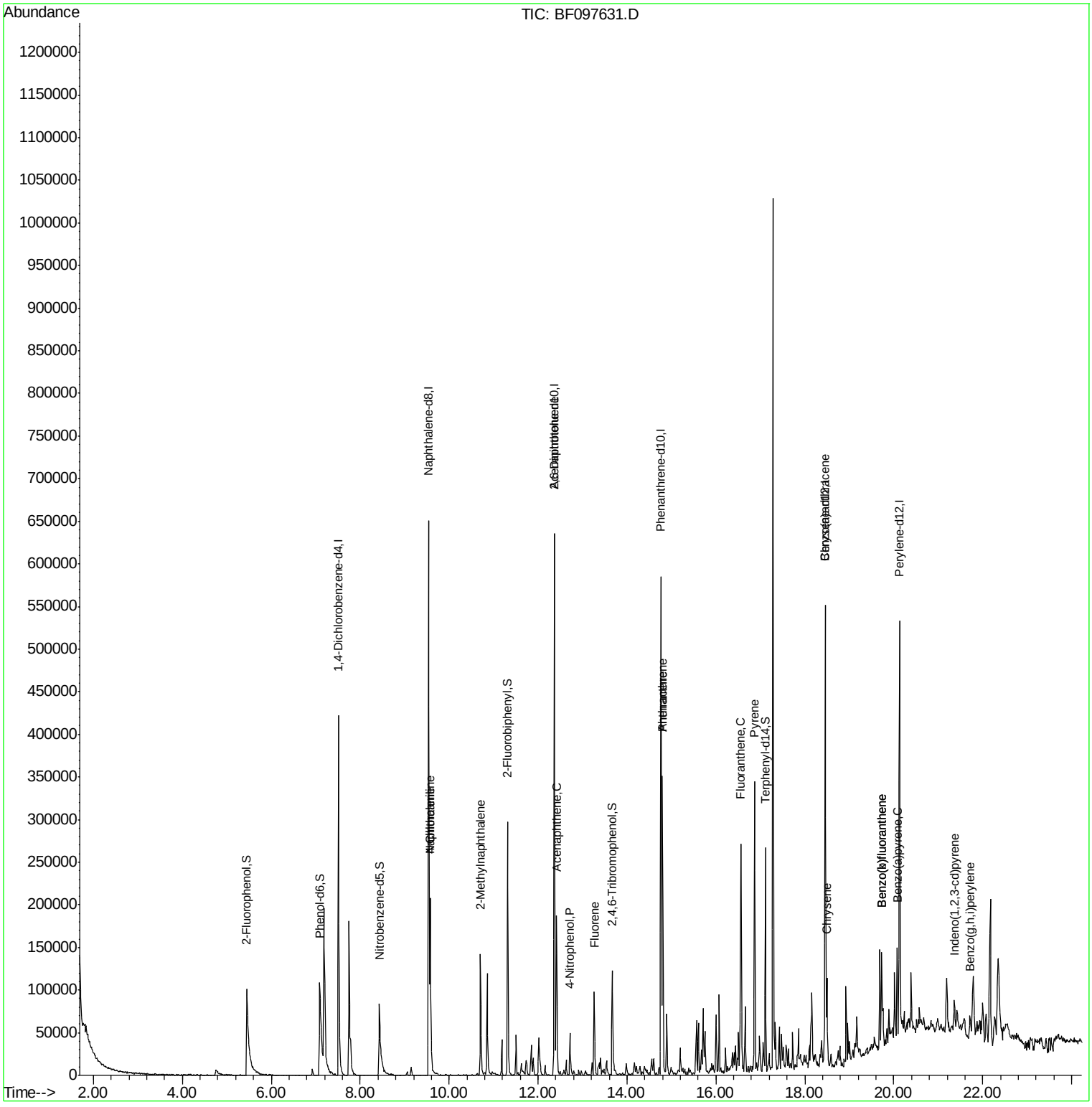
(#) = qualifier out of range (m) = manual integration (+) = signals summed

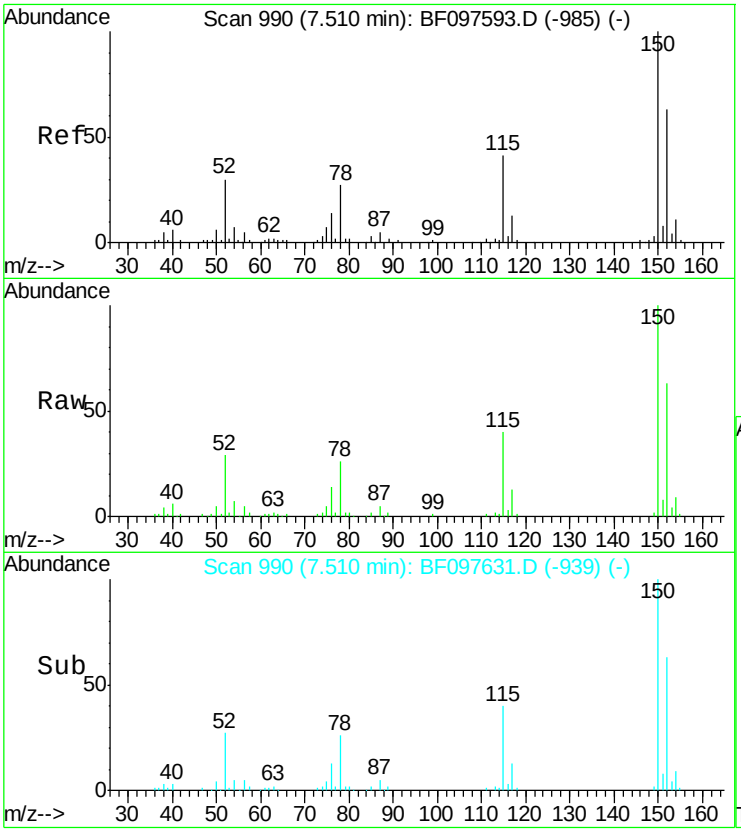
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097631.D
Acq On : 12 Aug 2017 10:57
Operator : SJ/JU
Sample : I4736-04 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Quant Time: Aug 14 01:02:26 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration



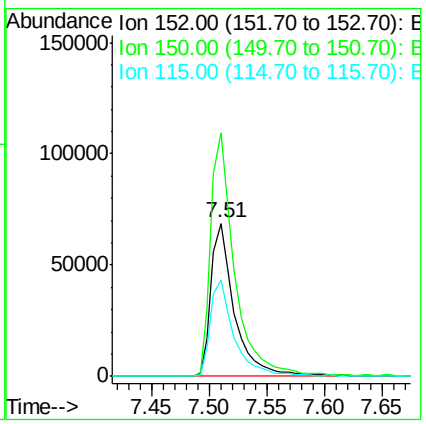


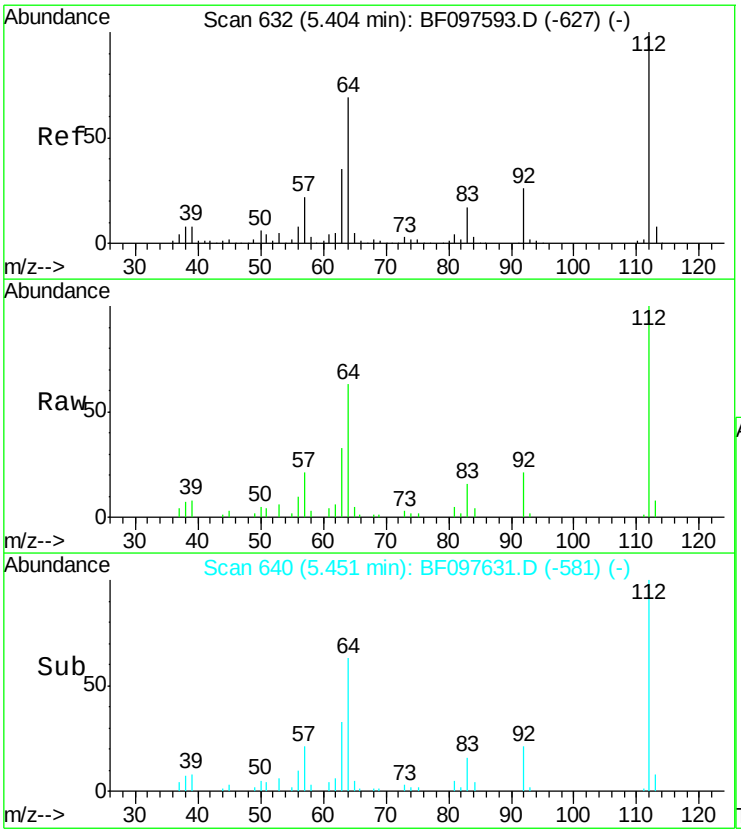
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:152 Resp: 97693

Ion	Ratio	Lower	Upper
152	100		
150	159.0	126.2	189.2
115	62.9	52.2	78.2

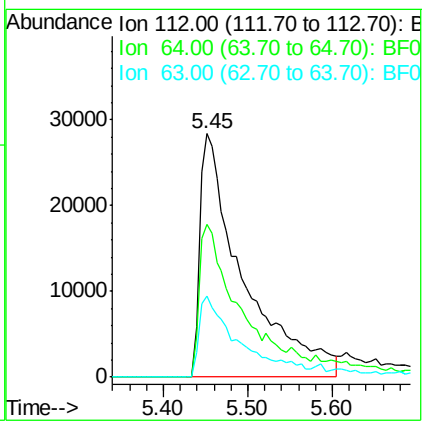


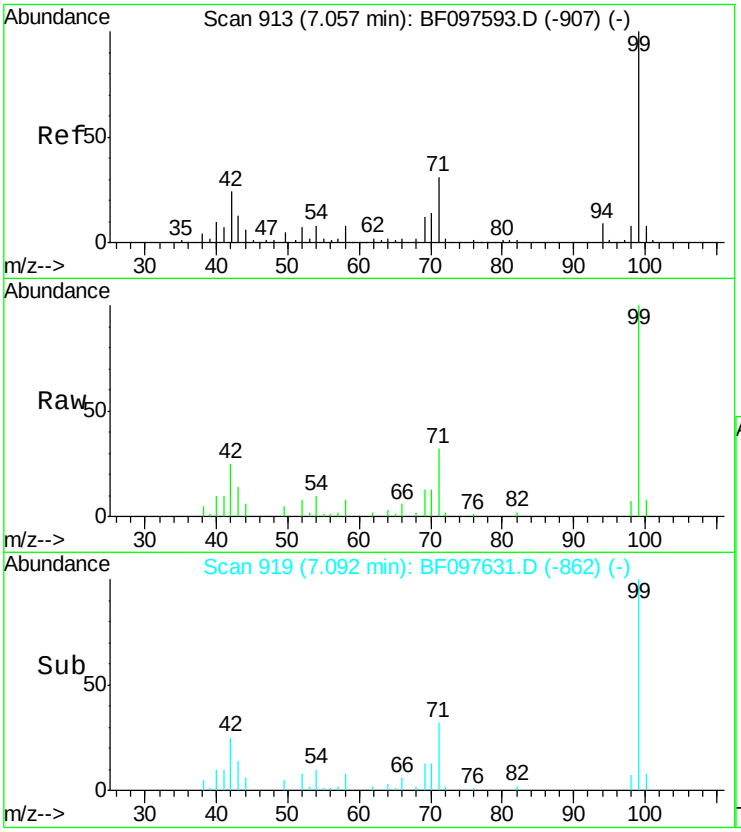


#5
2-Fluorophenol
Concen: 16.31 ng
RT: 5.45 min Scan# 640
Delta R.T. 0.05 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:112 Resp: 100245

Ion	Ratio	Lower	Upper
112	100		
64	62.8	46.0	69.0
63	33.2	23.4	35.0



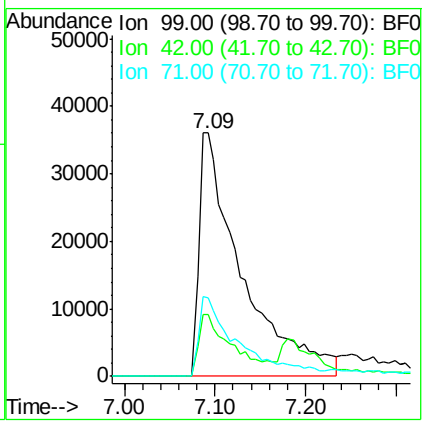


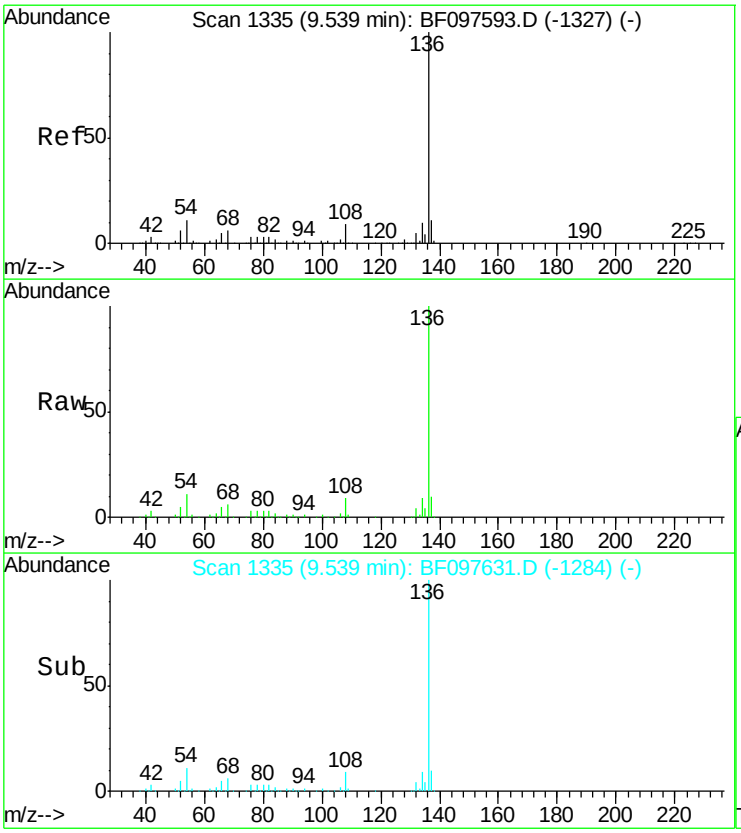
#7
Phenol-d6
Concen: 15.51 ng
RT: 7.09 min Scan# 919
Delta R.T. 0.04 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion: 99 Resp: 118290

Ion	Ratio	Lower	Upper
99	100		
42	25.3	13.5	20.3#
71	32.0	24.5	36.7

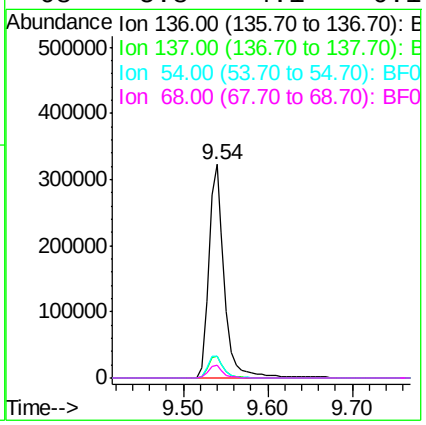


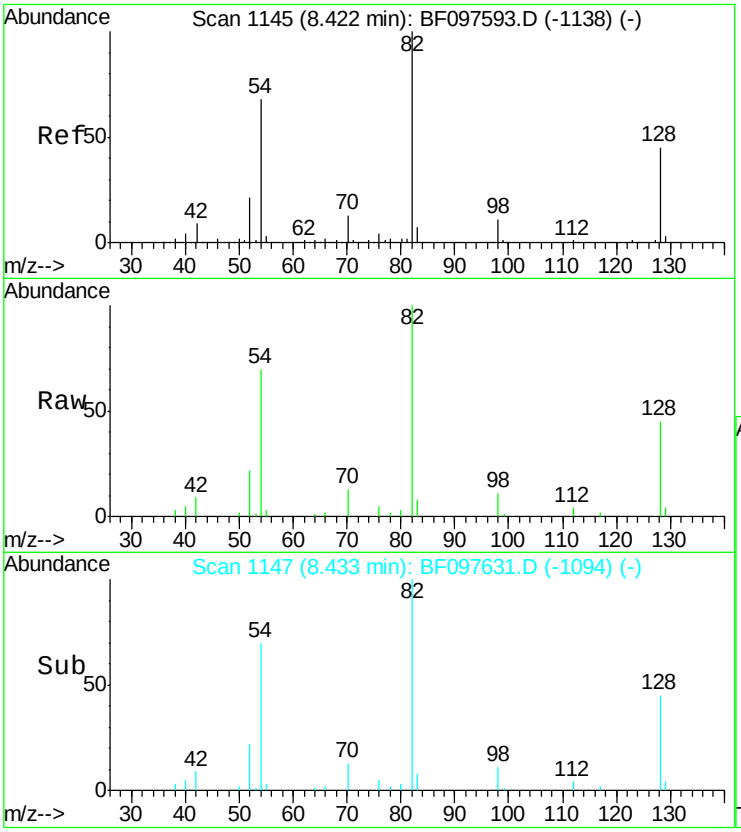


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.54 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:136 Resp: 417257

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	10.5	4.9	7.3#
68	5.8	4.1	6.1



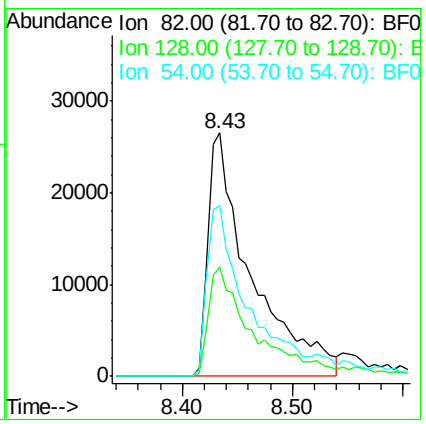


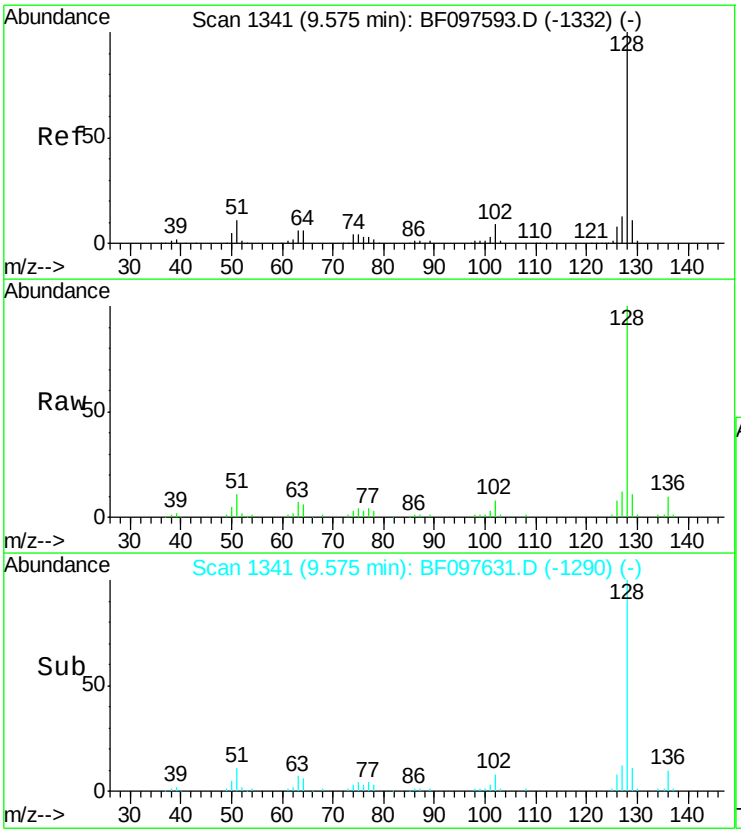
#23
Nitrobenzene-d5
Concen: 10.70 ng
RT: 8.43 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion: 82 Resp: 71227

Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.0	51.0
54	70.2	42.2	63.2#

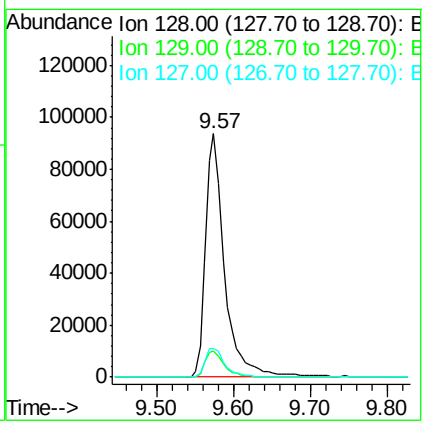


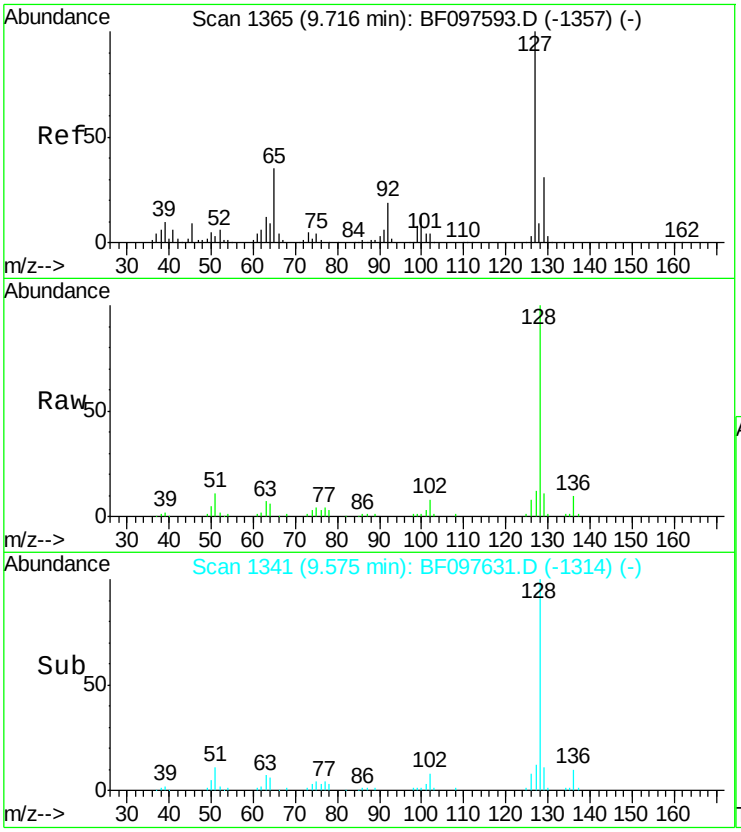


#31
Naphthalene
Concen: 7.62 ng
RT: 9.57 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:128 Resp: 159307

Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.6
127	12.0	10.8	16.2



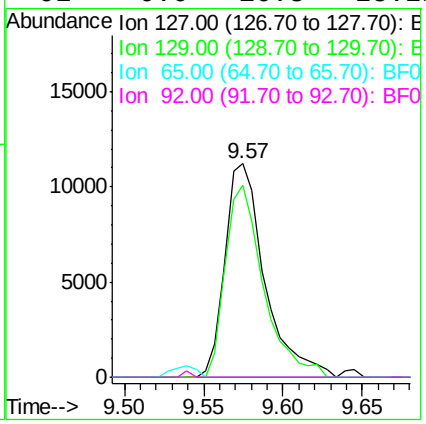


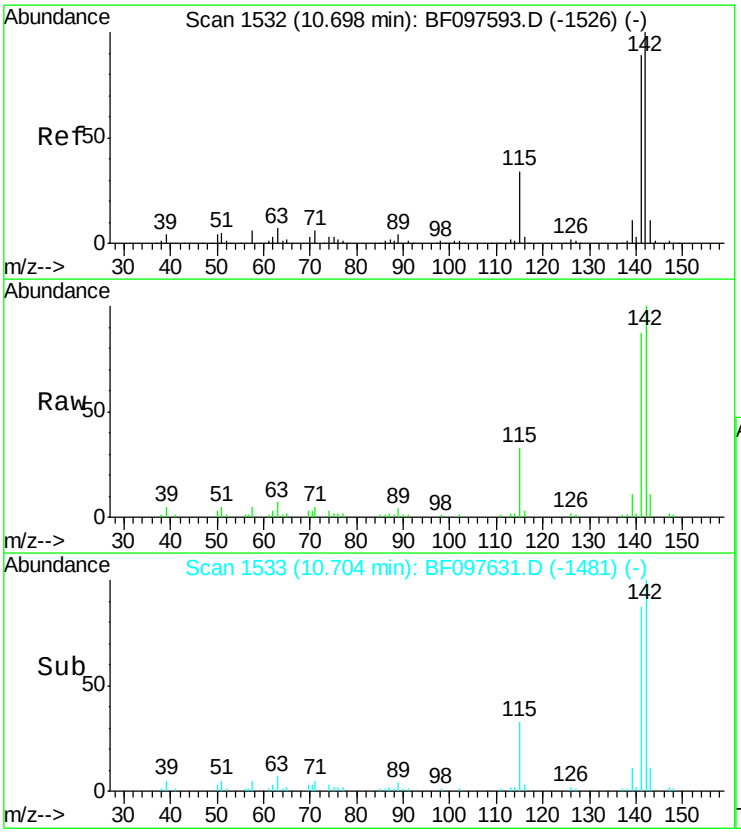
#33
4-Chloroaniline
Concen: 2.25 ng
RT: 9.57 min Scan# 1341
Delta R.T. -0.14 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:127 Resp: 19521

Ion	Ratio	Lower	Upper
127	100		
129	90.1	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

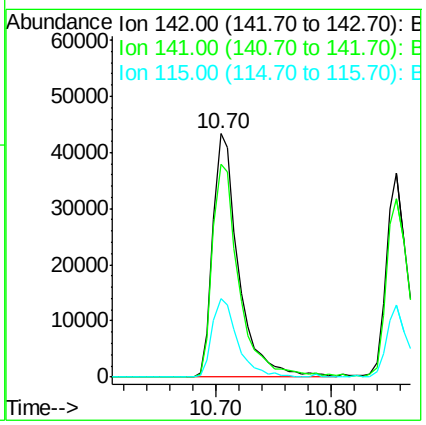


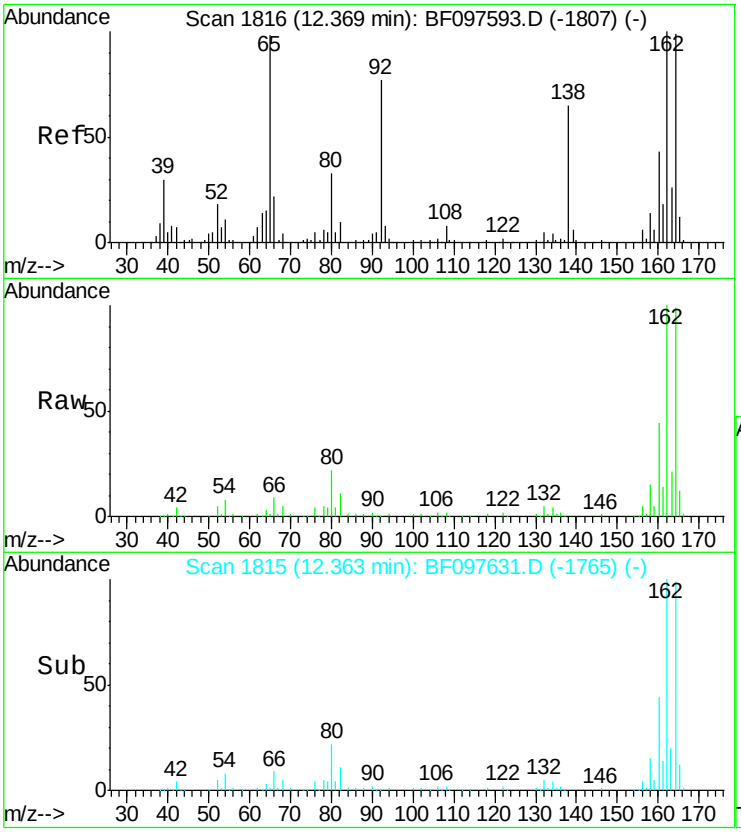


#37
2-Methylnaphthalene
Concen: 5.12 ng
RT: 10.70 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:142 Resp: 67299

Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.3	106.9
115	32.5	27.1	40.7



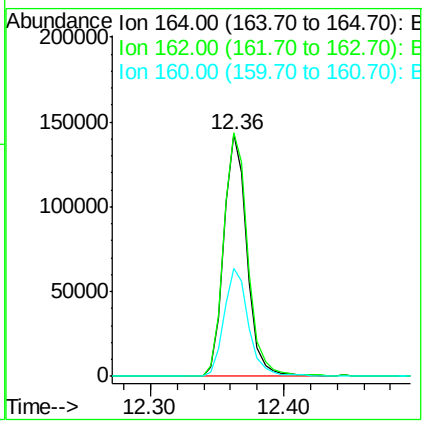


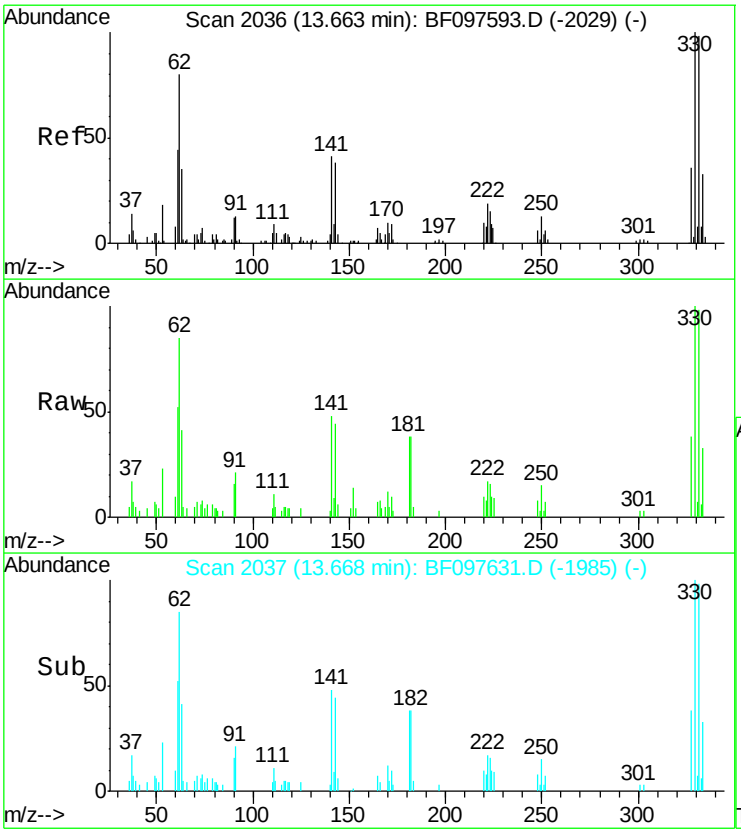
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:164 Resp: 174851

Ion	Ratio	Lower	Upper
164	100		
162	100.6	82.6	123.8
160	44.7	36.2	54.2

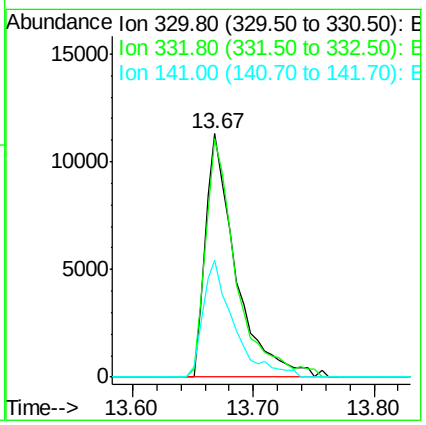


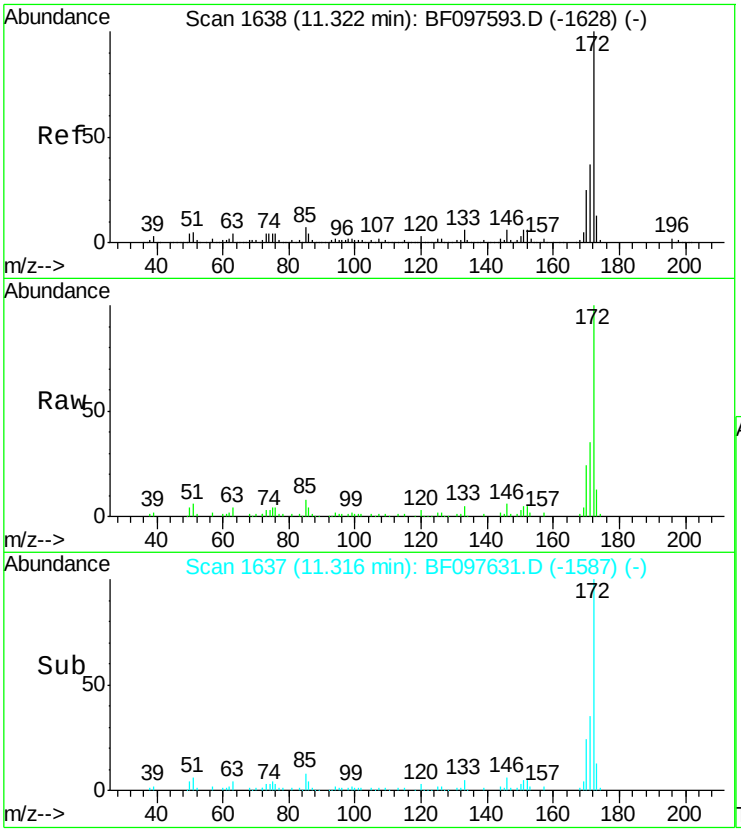


#41
2,4,6-Tribromophenol
Concen: 14.78 ng
RT: 13.67 min Scan# 2037
Delta R.T. 0.01 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:330 Resp: 19643

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	115.0
141	48.1	31.4	47.2#



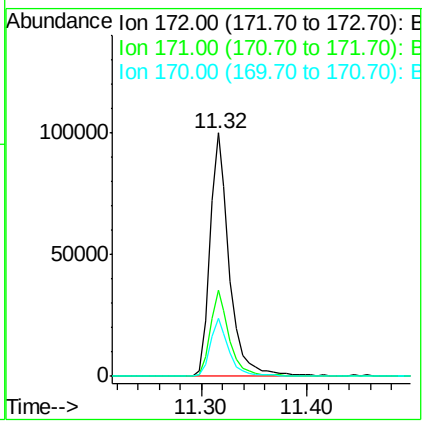


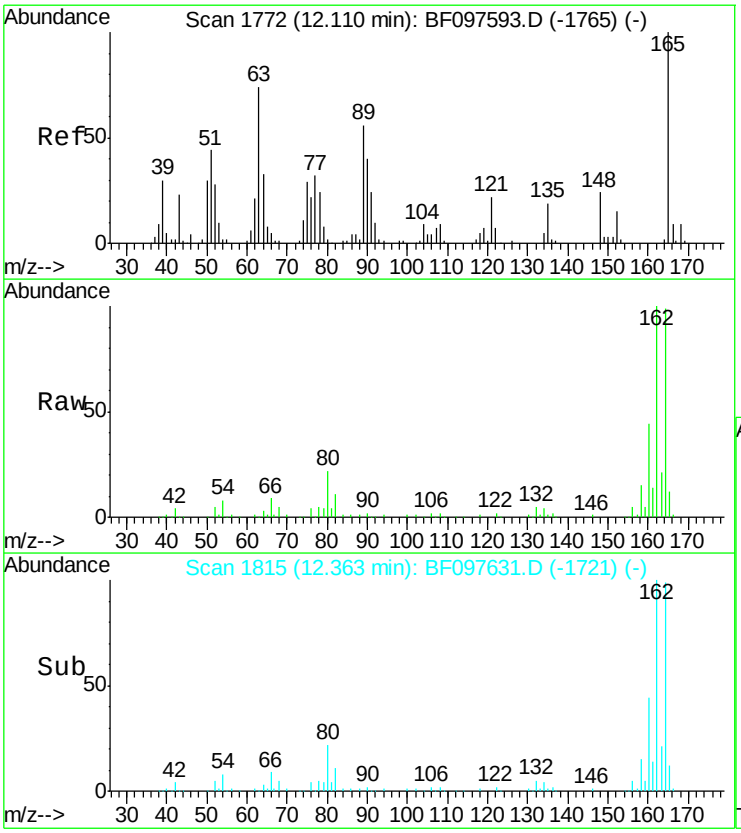
#44
2-Fluorobiphenyl
Concen: 11.13 ng
RT: 11.32 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:172 Resp: 128925

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	24.0	19.8	29.8

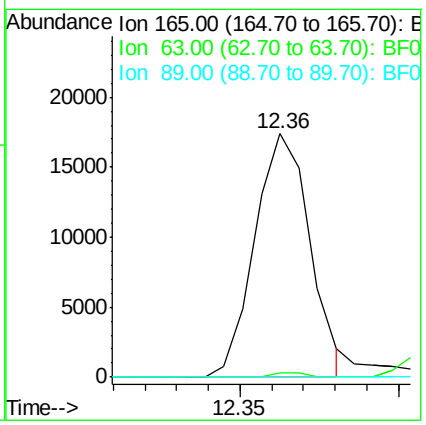


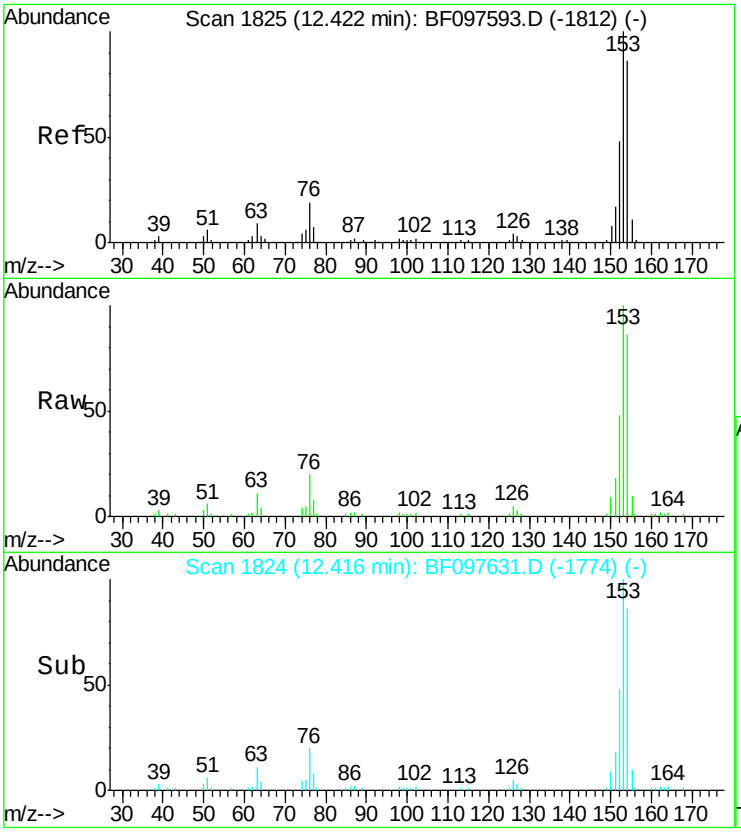


#50
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 12.36 min Scan# 1815
Delta R.T. 0.25 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:165 Resp: 20993

Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.3	51.5#
89	0.0	37.1	55.7#



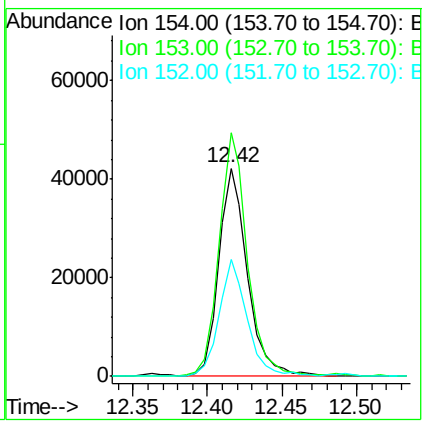


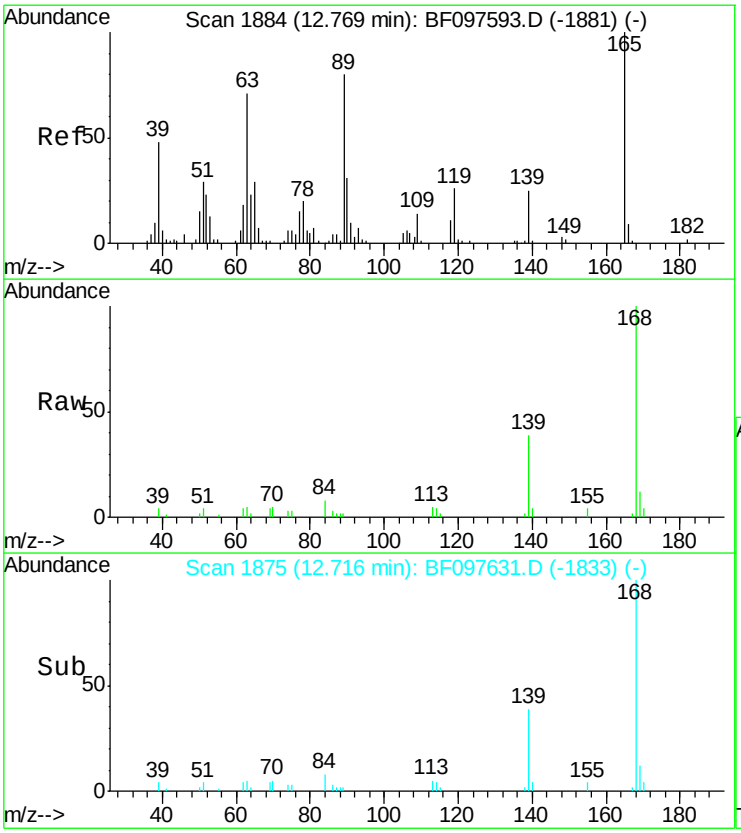
#51
Acenaphthene
Concen: 5.19 ng
RT: 12.42 min Scan# 1824
Delta R.T. -0.01 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:154 Resp: 56918

Ion	Ratio	Lower	Upper
154	100		
153	116.9	90.5	135.7
152	56.0	43.6	65.4

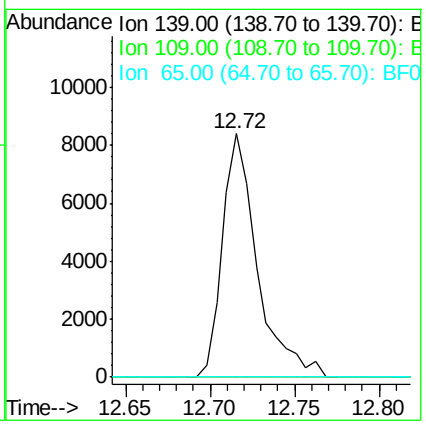


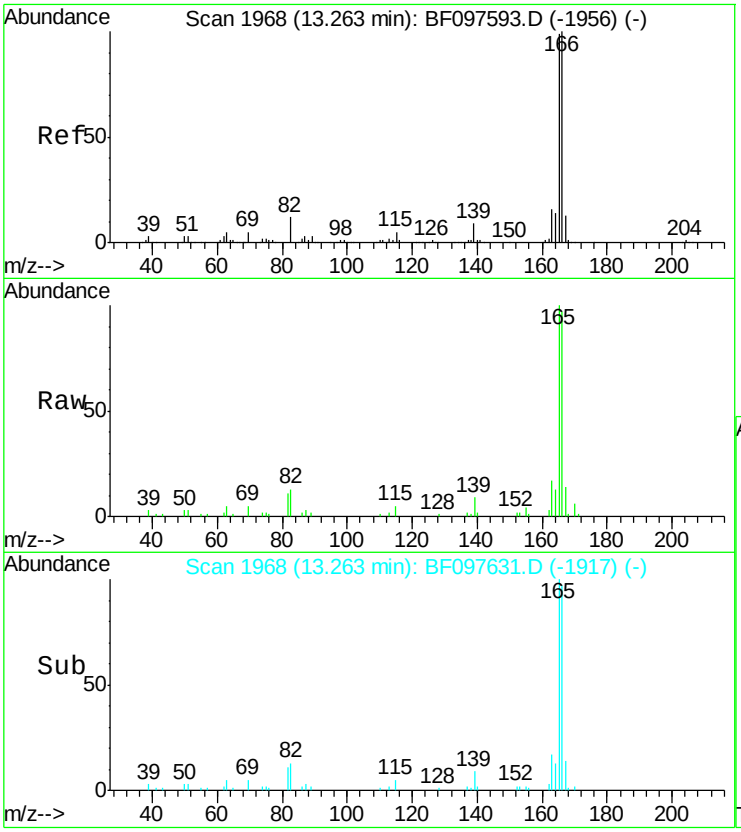


#55
4-Nitrophenol
Concen: 8.69 ng
RT: 12.72 min Scan# 1875
Delta R.T. -0.05 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:139 Resp: 12055

Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#



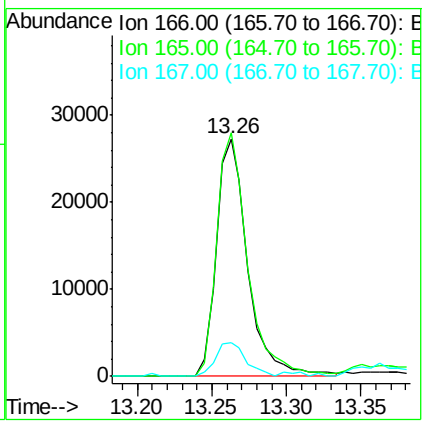


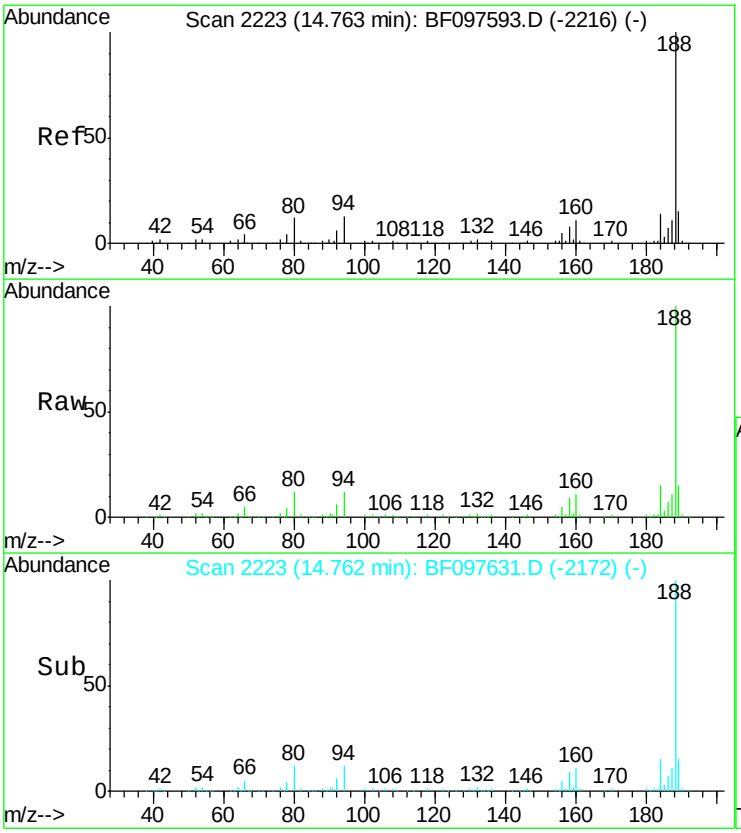
#57
Fluorene
Concen: 3.17 ng
RT: 13.26 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:166 Resp: 40102

Ion	Ratio	Lower	Upper
166	100		
165	102.6	78.8	118.2
167	14.5	10.6	16.0

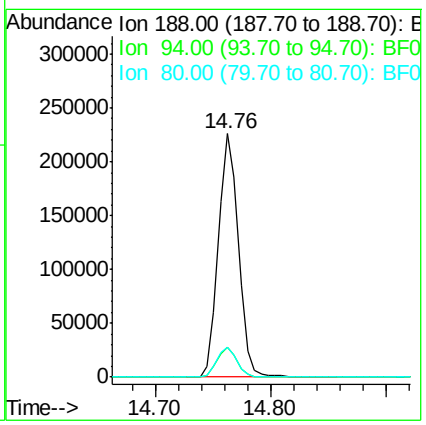


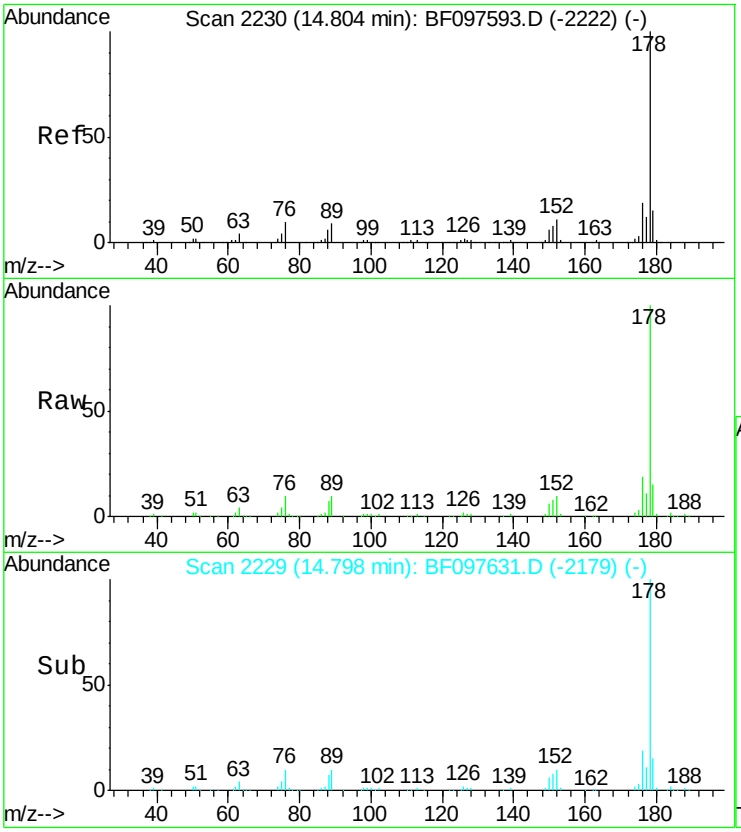


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:188 Resp: 273066

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.2	10.2	15.2



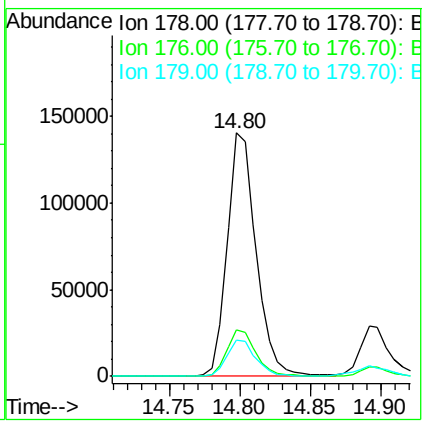


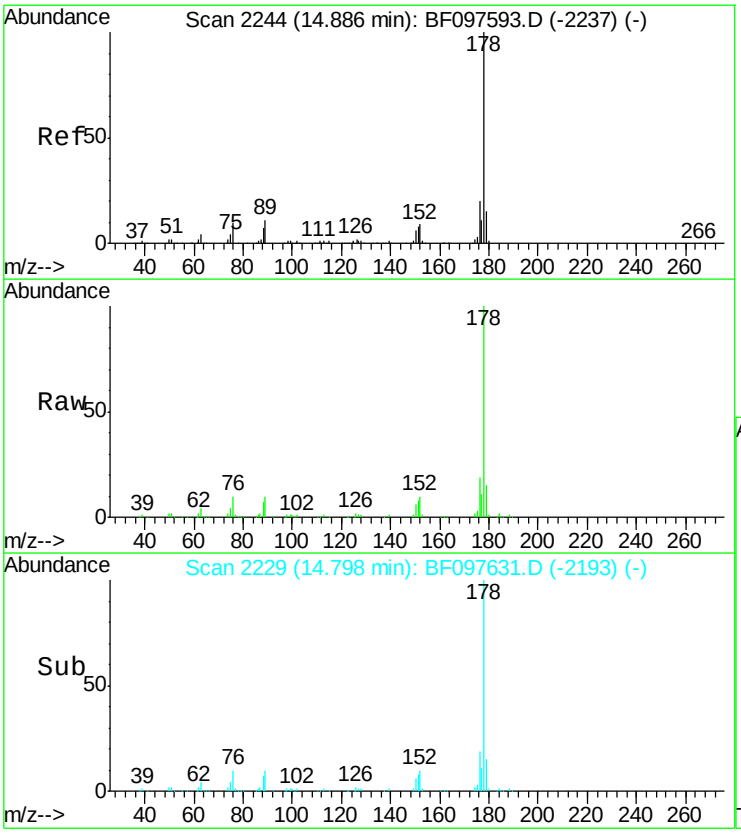
#70
Phenanthrene
Concen: 12.78 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:178 Resp: 200965

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.1	12.6	19.0

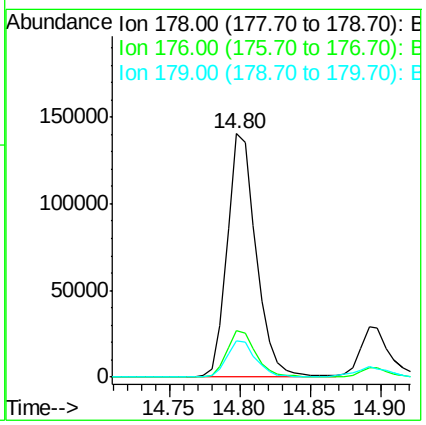


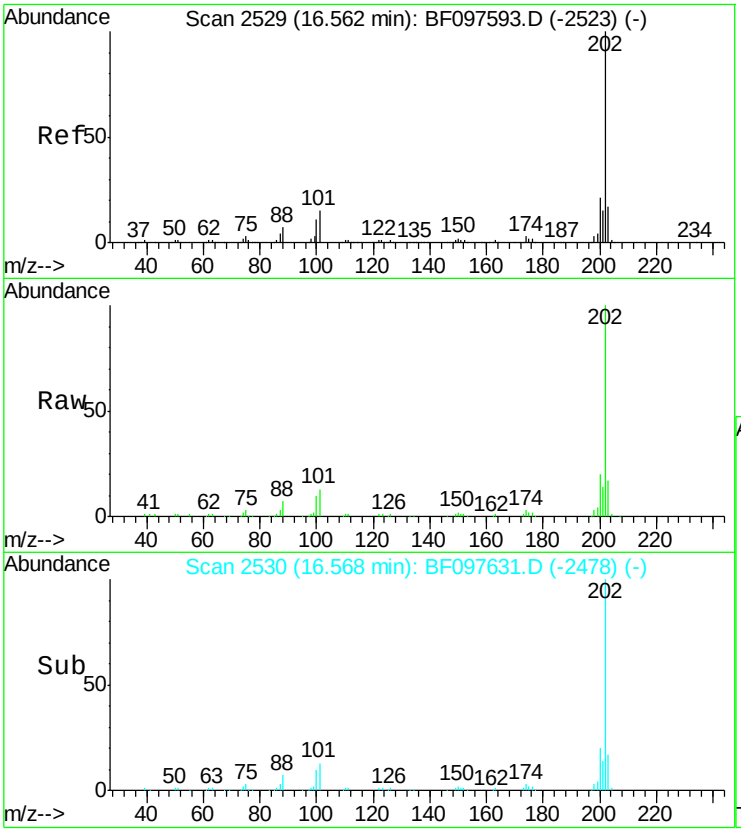


#71
Anthracene
Concen: 12.49 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.09 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:178 Resp: 200965

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	15.1	12.7	19.1



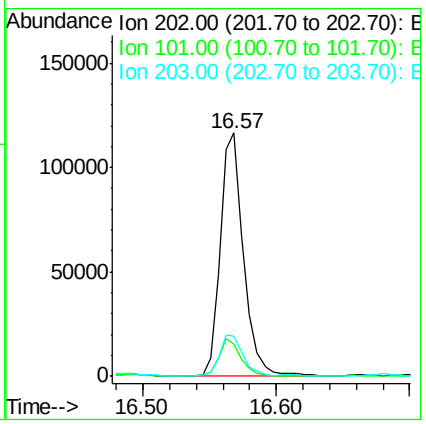


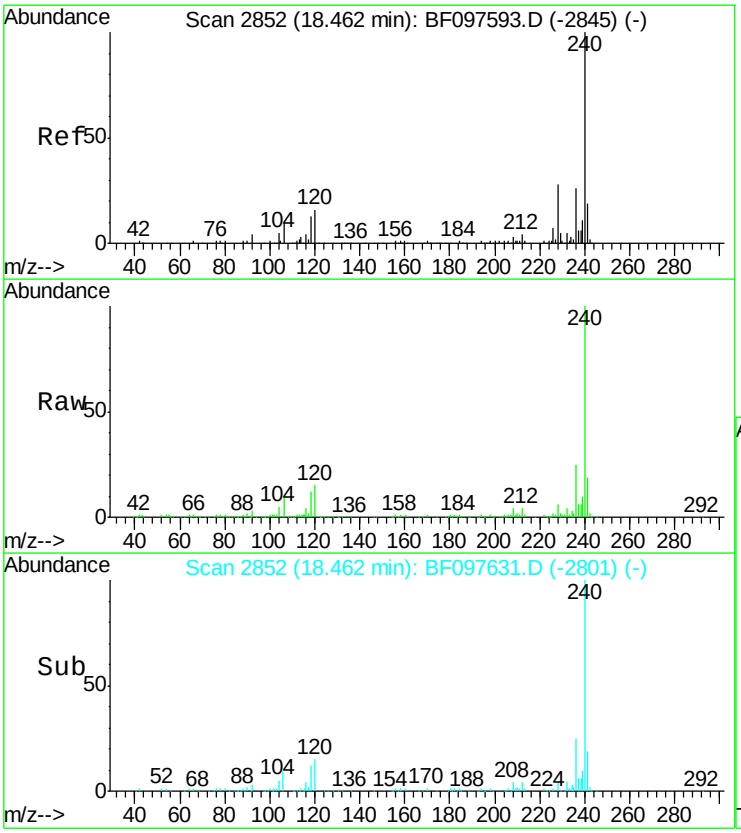
#74
Fluoranthene
Concen: 10.12 ng
RT: 16.57 min Scan# 2530
Delta R.T. 0.01 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:202 Resp: 143806

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	33.2
203	16.5	0.0	38.1

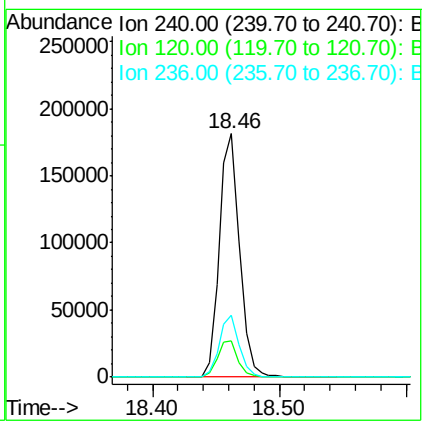


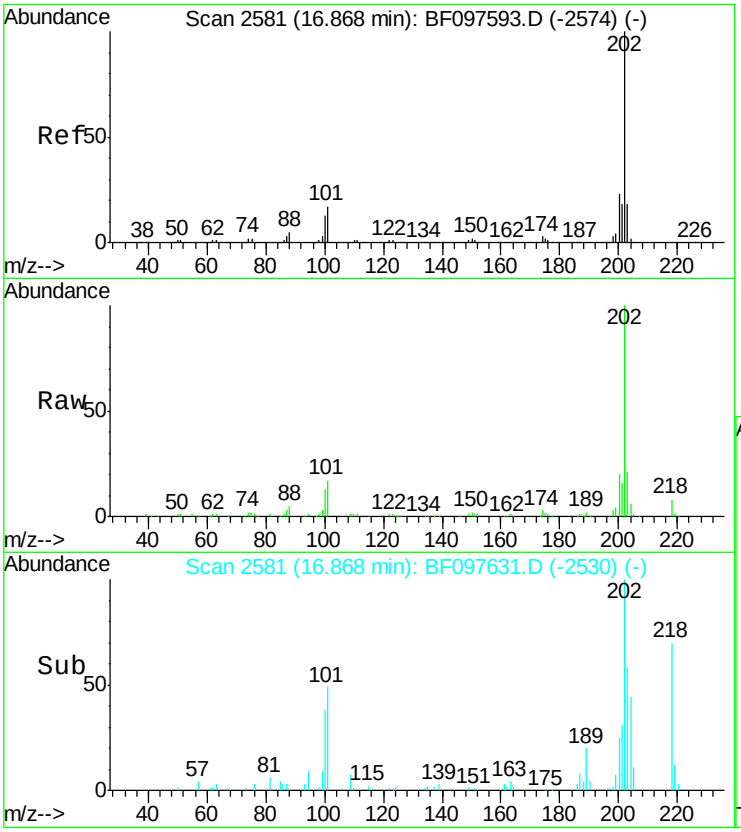


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.46 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:240 Resp: 201732

Ion	Ratio	Lower	Upper
240	100		
120	15.0	5.8	8.8#
236	25.4	20.5	30.7



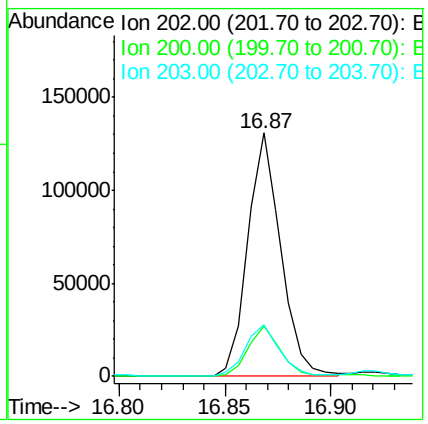


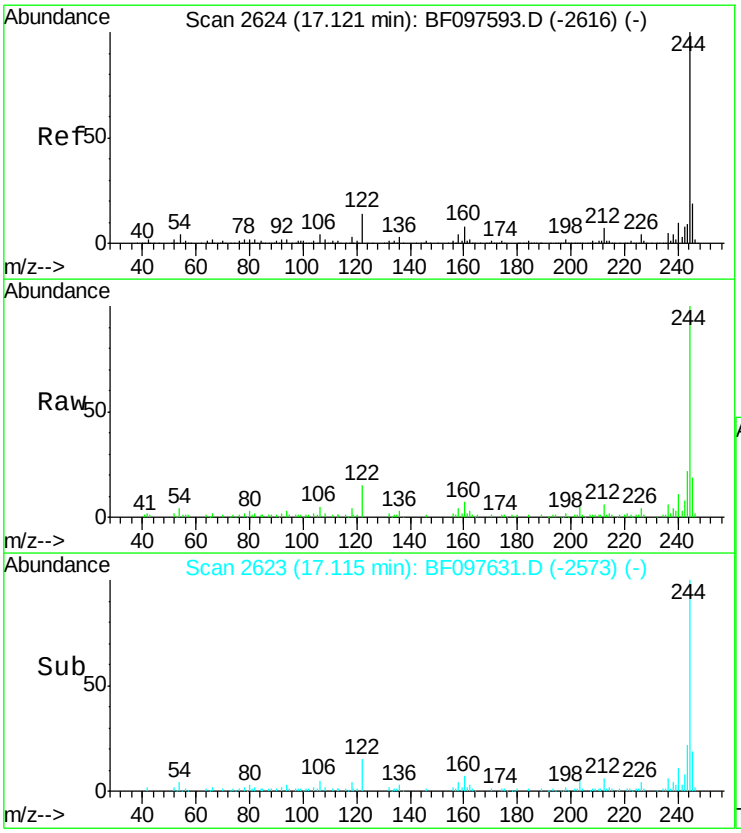
#77
Pyrene
Concen: 8.53 ng
RT: 16.87 min Scan# 2581
Delta R.T. -0.00 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:202 Resp: 142225

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.6	26.4
203	21.0	14.4	21.6

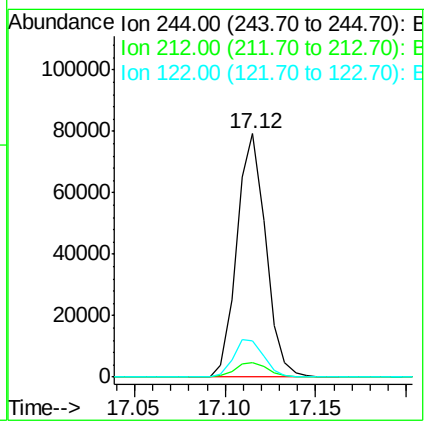


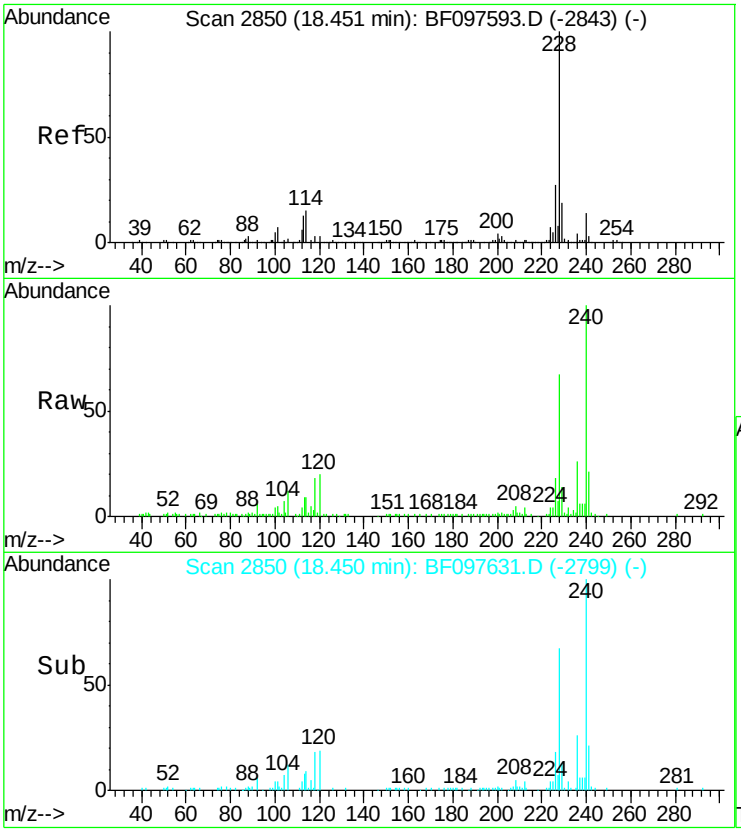


#78
Terphenyl-d14
Concen: 9.01 ng
RT: 17.12 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:244 Resp: 87777

Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	15.1	10.3	15.5



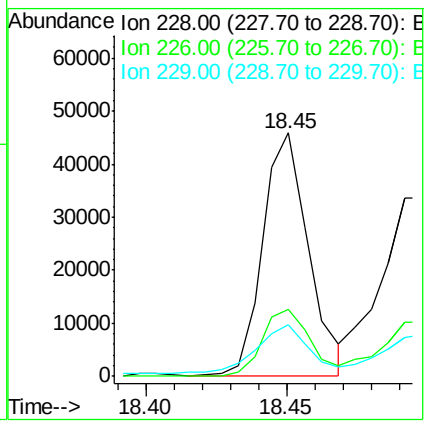


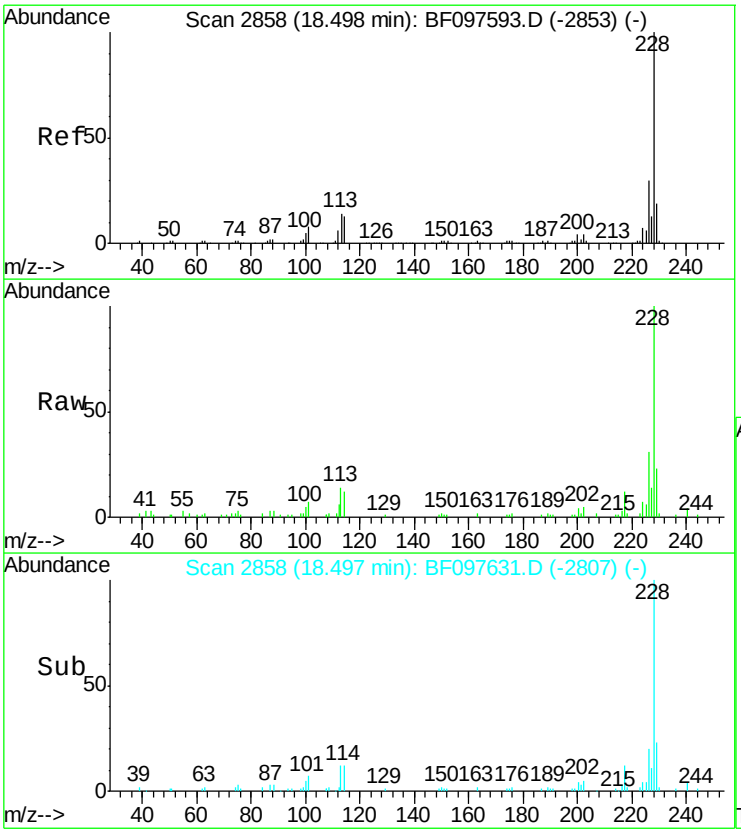
#80
Benzo(a)anthracene
Concen: 4.39 ng
RT: 18.45 min Scan# 2850
Delta R.T. -0.00 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:228 Resp: 51760

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	21.3	16.3	24.5

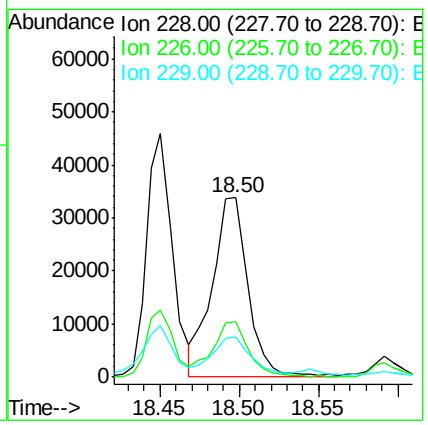


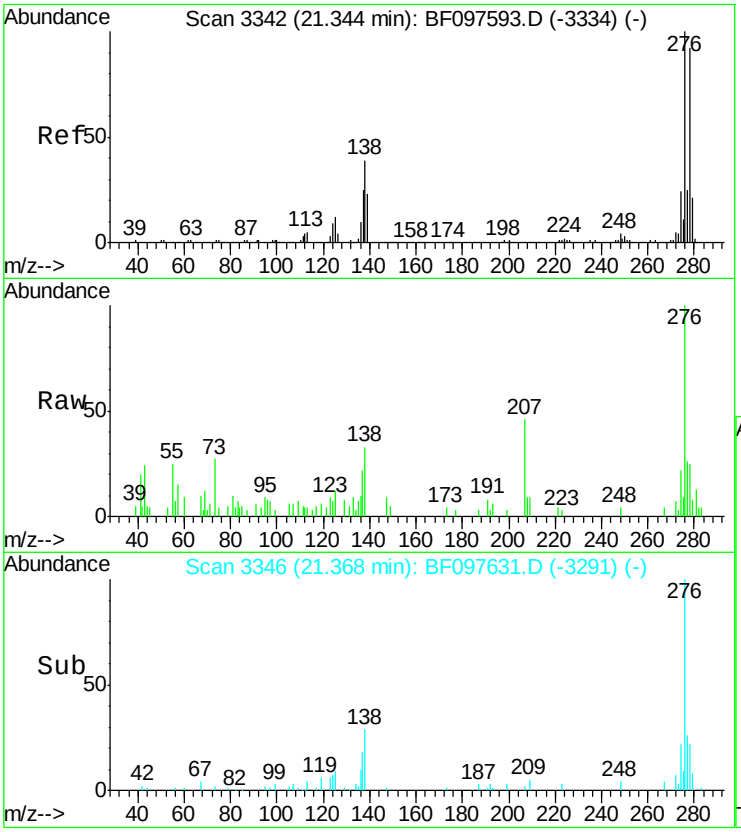


#82
Chrysene
Concen: 4.56 ng
RT: 18.50 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:228 Resp: 53476

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	22.7	15.8	23.6



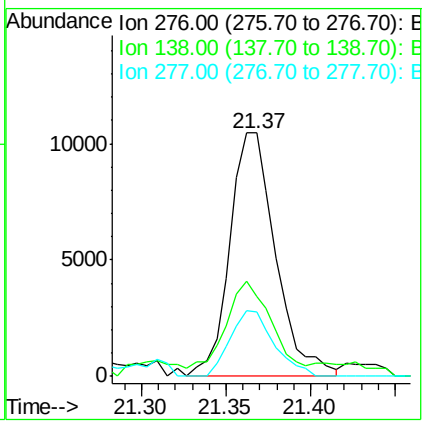


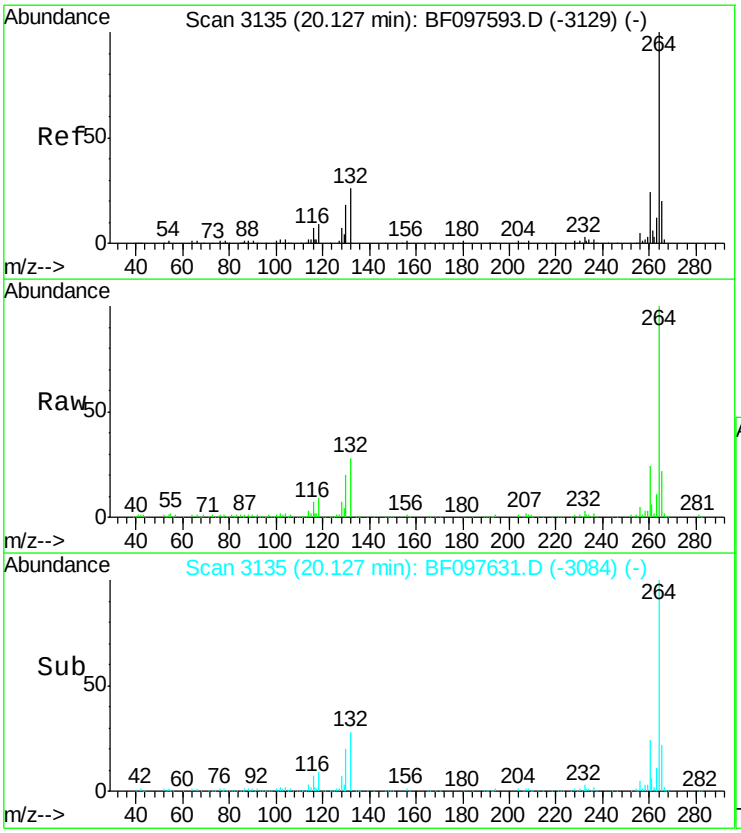
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.17 ng
RT: 21.37 min Scan# 3346
Delta R.T. 0.02 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:276 Resp: 19764

Ion	Ratio	Lower	Upper
276	100		
138	33.1	27.8	41.6
277	25.6	20.2	30.4

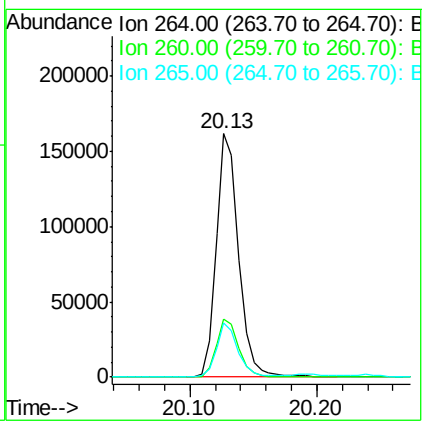


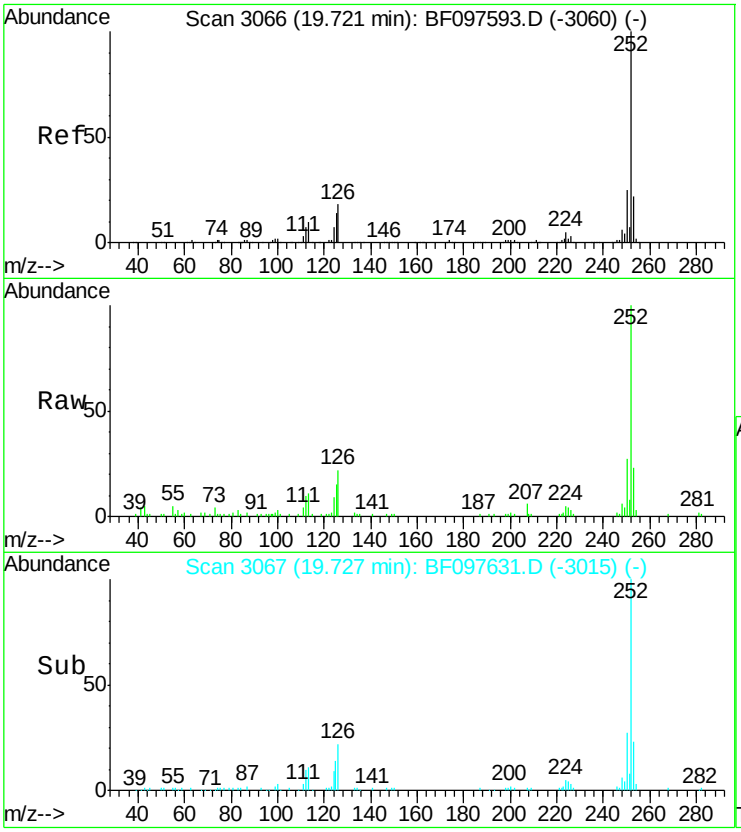


#86
Perylene-d12
Concen: 20.00 ng
RT: 20.13 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:264 Resp: 198573

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.5	17.2	25.8



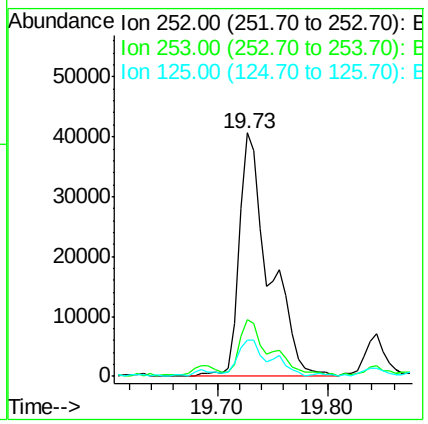


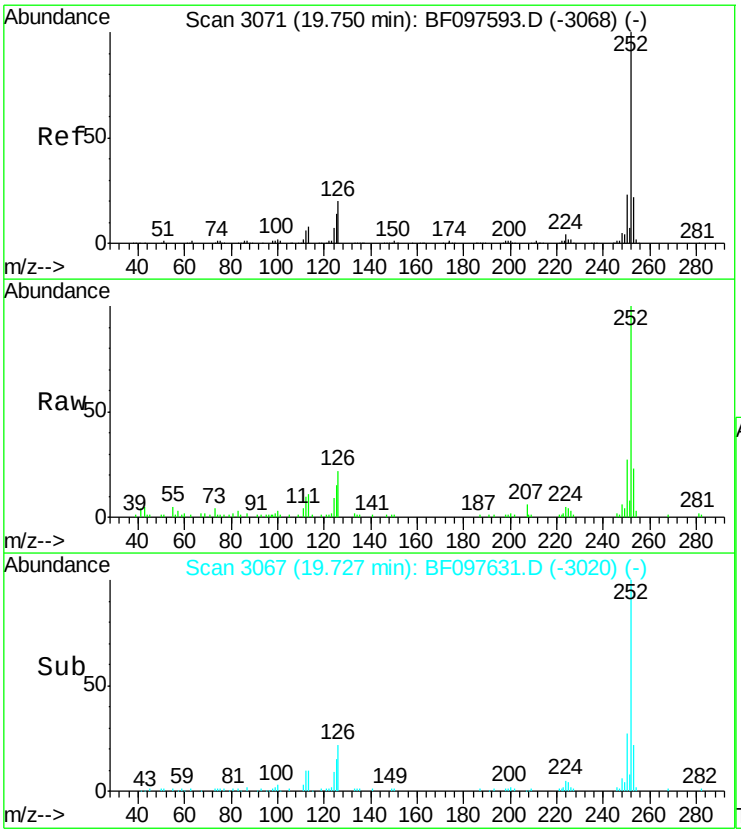
#87
Benzo(b)fluoranthene
Concen: 6.50 ng
RT: 19.73 min Scan# 3067
Delta R.T. 0.01 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:252 Resp: 77490

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	14.8	9.8	14.8#

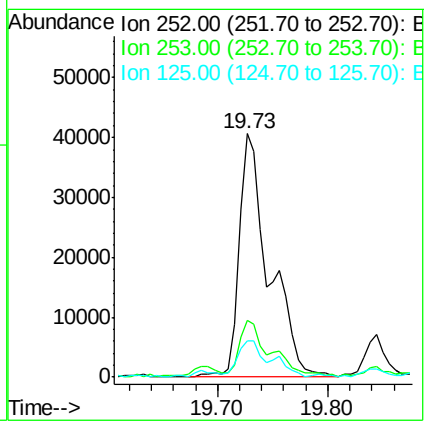


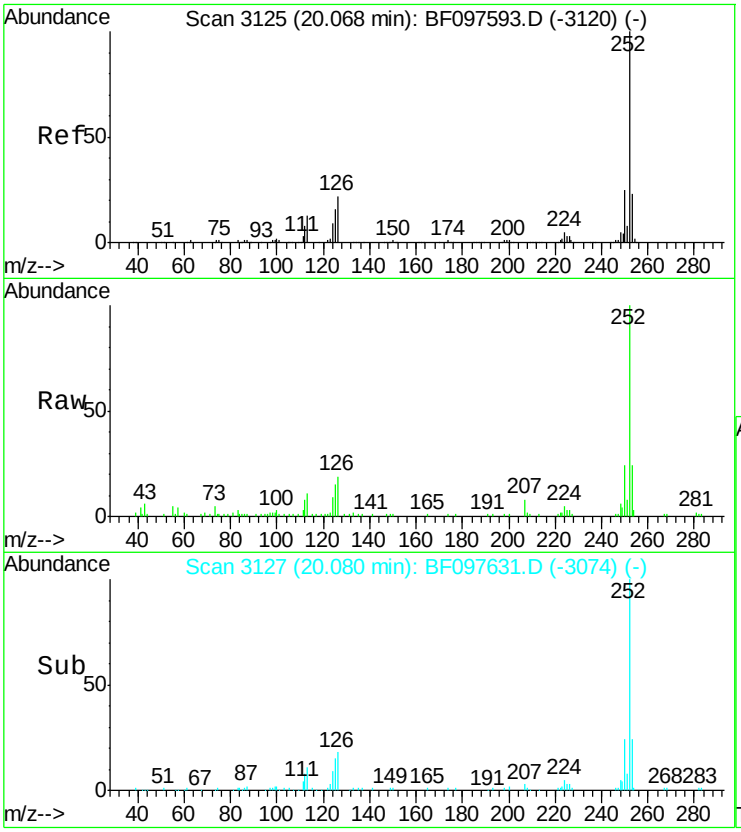


#88
Benzo(k)fluoranthene
Concen: 6.45 ng
RT: 19.73 min Scan# 3067
Delta R.T. -0.02 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:252 Resp: 77490

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	14.8	13.1	19.7



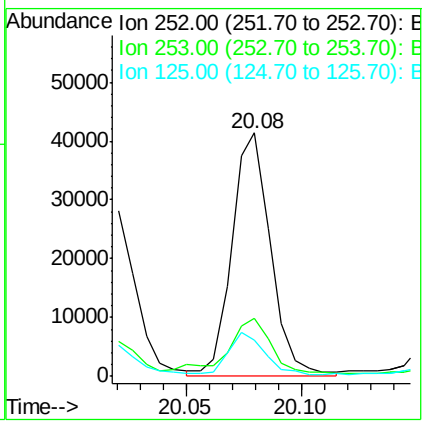


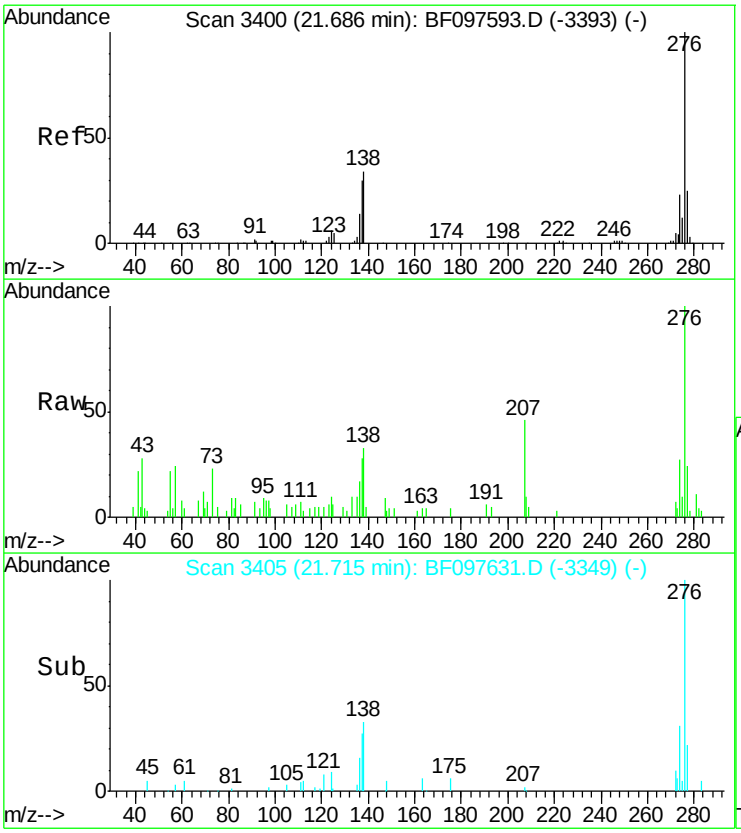
#89
Benzo(a)pyrene
Concen: 4.44 ng
RT: 20.08 min Scan# 3127
Delta R.T. 0.01 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Instrument :
BNA_F
ClientSampleId :
SB-34-COMP

Tgt Ion:252 Resp: 48587

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.5	26.3
125	15.0	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.26 ng
RT: 21.71 min Scan# 3405
Delta R.T. 0.03 min
Lab File: BF097631.D
Acq: 12 Aug 2017 10:57

Tgt Ion:276 Resp: 19387

Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	32.8	25.4	38.0