Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097982.D
Acq On : 23 Aug 2017 4:39
Operator : SJ/JU
Sample : I4909-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-082117

Quant Time: Aug 23 05:21:18 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	131075	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	483597	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	182151	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	294601	20.00	ng		0.00
75) Chrysene-d12	13.90	240	273305	20.00	ng		0.00
86) Perylene-d12	15.33	264	186988	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	202795	23.53	ng		0.00
7) Phenol-d6	6.37	99	275997	23.57	ng		-0.01
23) Nitrobenzene-d5	7.31	82	159674	17.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	31542	19.96	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	277344	22.37	ng		0.00
78) Terphenyl-d14	12.85	244	190789	14.56	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.31	70	21214	2.65	ng	#	70
25) Isophorone	7.31	82	155091	8.38	ng	#	67
49) Dimethylphthalate	9.50	163	30003	2.25	ng	#	99
50) 2,6-Dinitrotoluene	9.79	165	24687	9.29	ng	#	35
56) 2,4-Dinitrotoluene	9.79	165	24687	7.40	ng	#	34
70) Phenanthrene	11.29	178	38838	2.47	ng		100
74) Fluoranthene	12.47	202	81736	4.99	ng		99
77) Pyrene	12.70	202	112892	5.05	ng		97
80) Benzo(a)anthracene	13.89	228	49438	3.02	ng		94
82) Chrysene	13.89	228	49438	3.03	ng		97
87) Benzo(b)fluoranthene	14.92	252	56009	4.75	ng	#	83
88) Benzo(k)fluoranthene	14.92	252	56009	5.06	ng	#	87
89) Benzo(a)pyrene	15.26	252	30069	2.88	ng	#	85

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082217\
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Acq On : 23 Aug 2017 4:39
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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SU-04-082117

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
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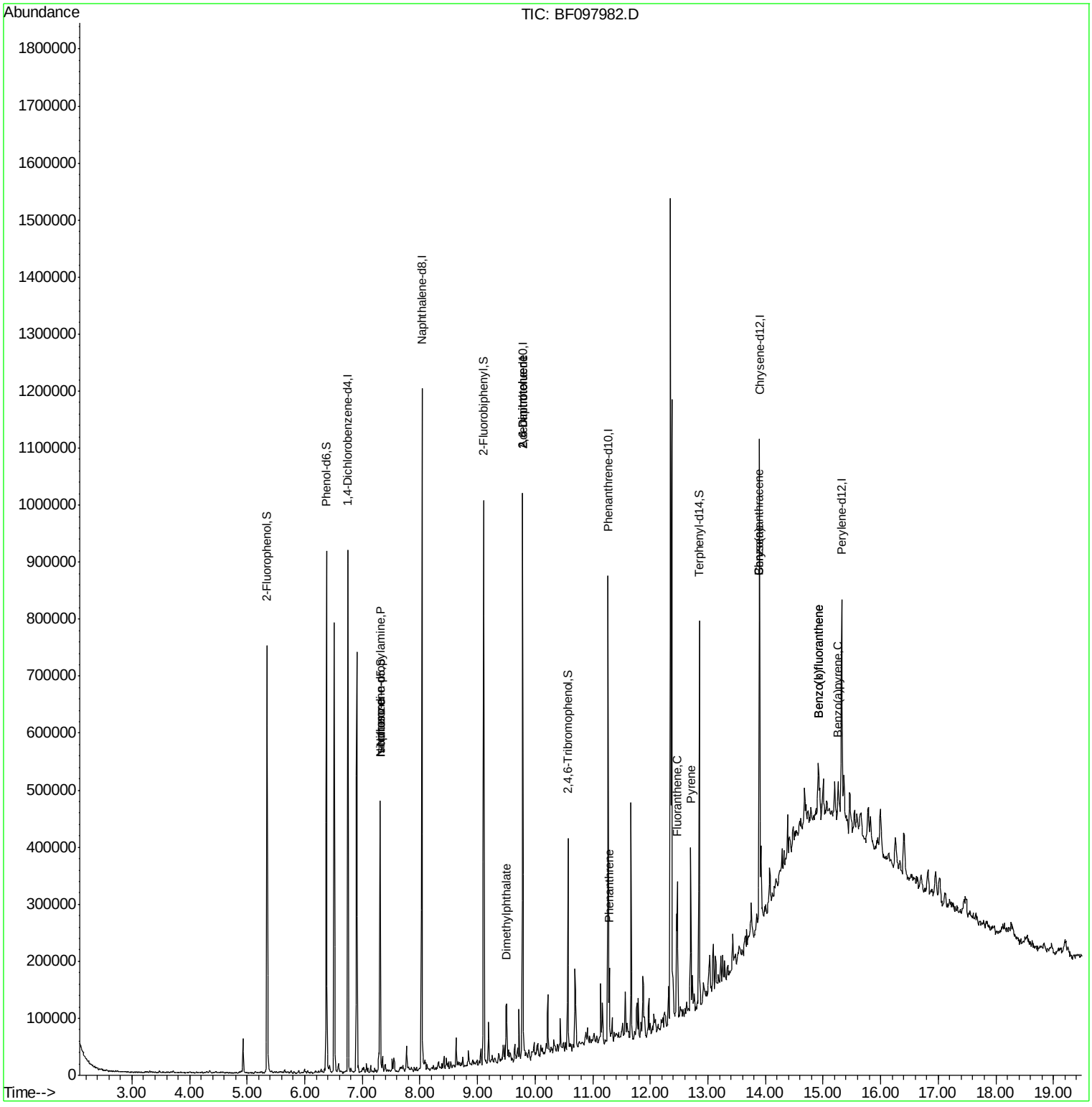
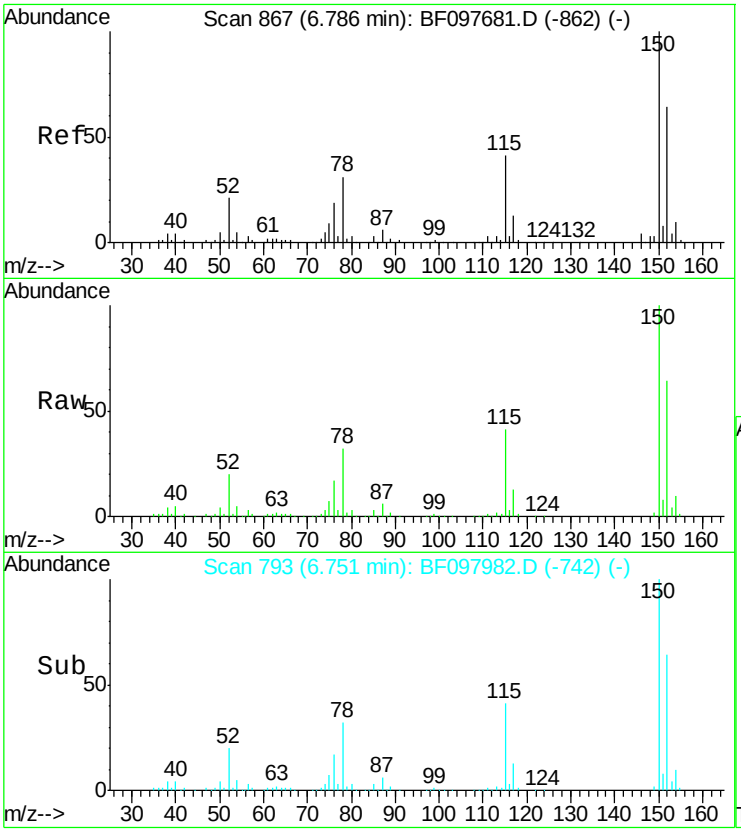


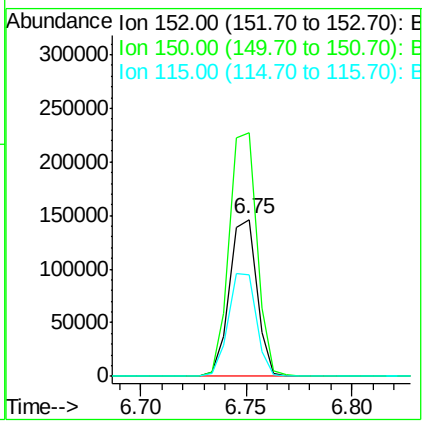


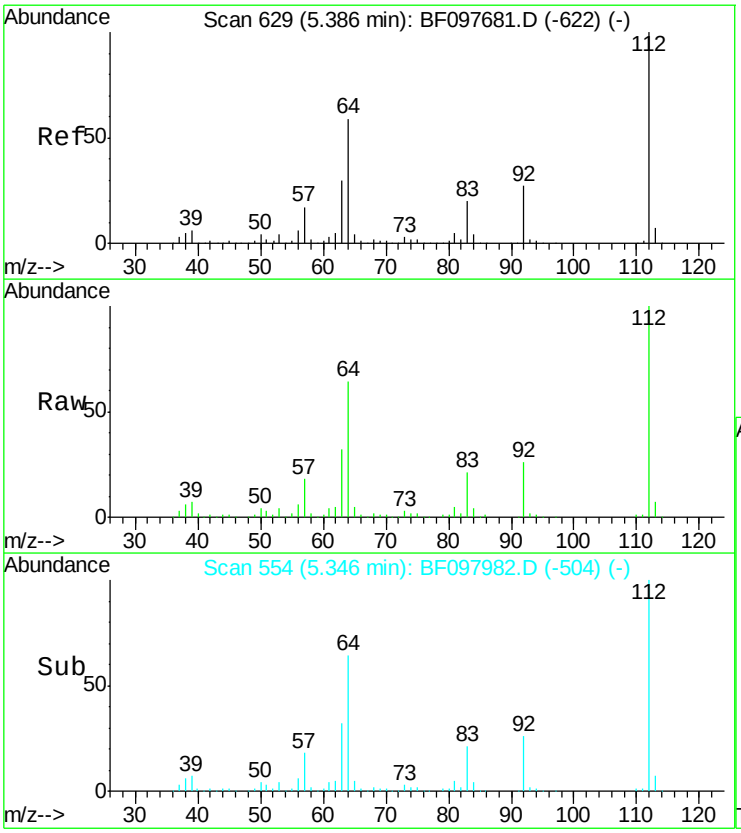
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion:152 Resp: 131075

Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	64.4	52.2	78.2

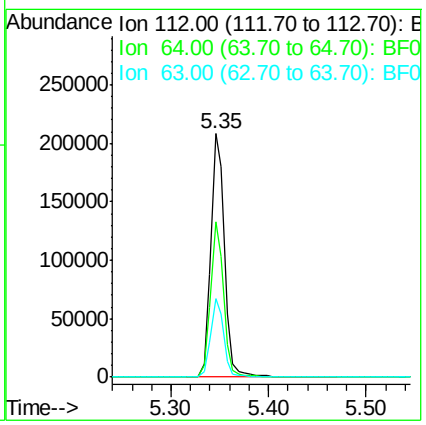


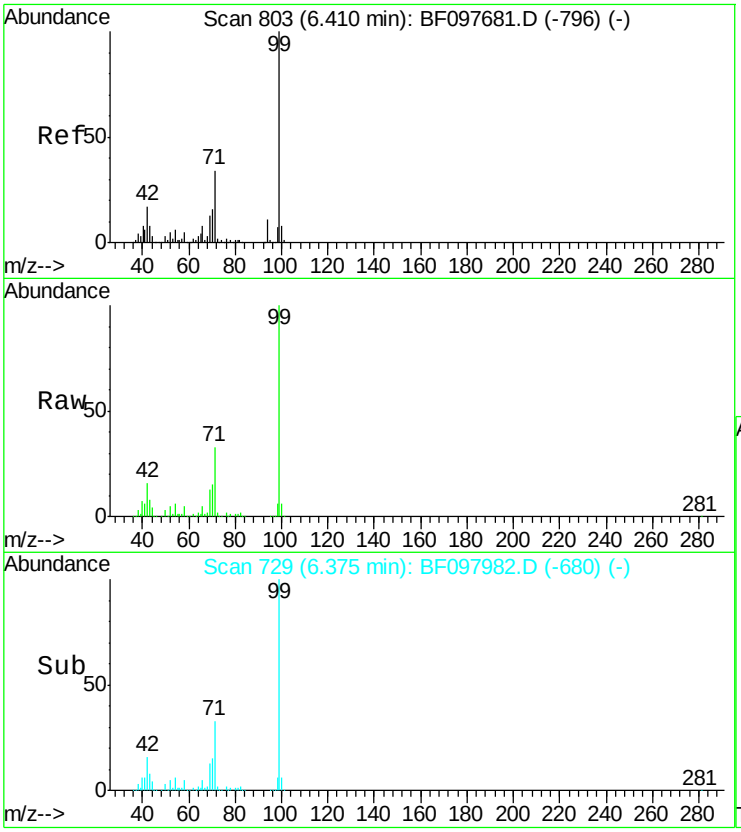


#5
2-Fluorophenol
Concen: 23.53 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion:112 Resp: 202795

Ion	Ratio	Lower	Upper
112	100		
64	63.6	46.0	69.0
63	32.1	23.4	35.0



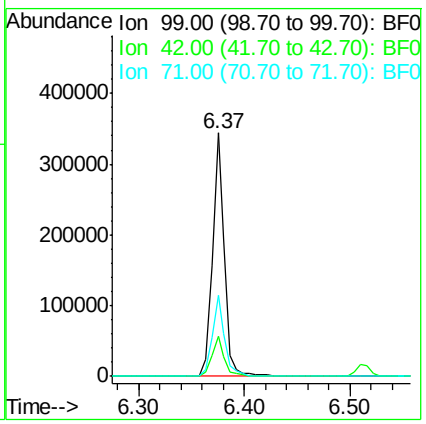


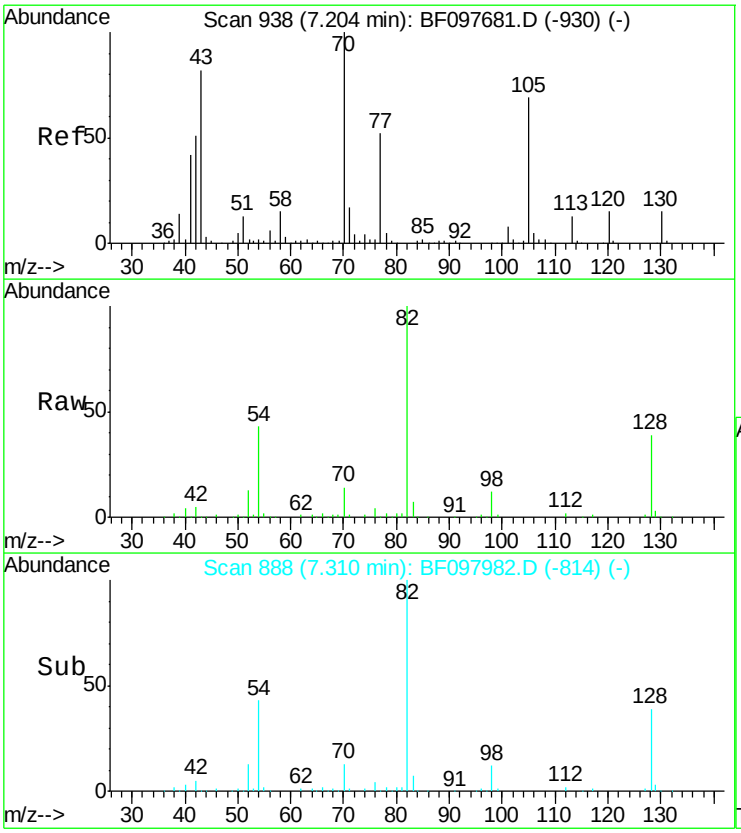
#7
Phenol-d6
Concen: 23.57 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion: 99 Resp: 275997

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.5	20.3
71	33.0	24.5	36.7

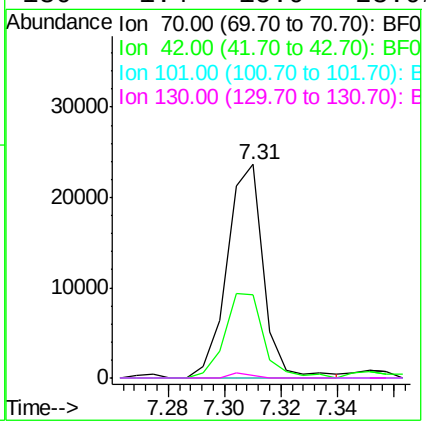


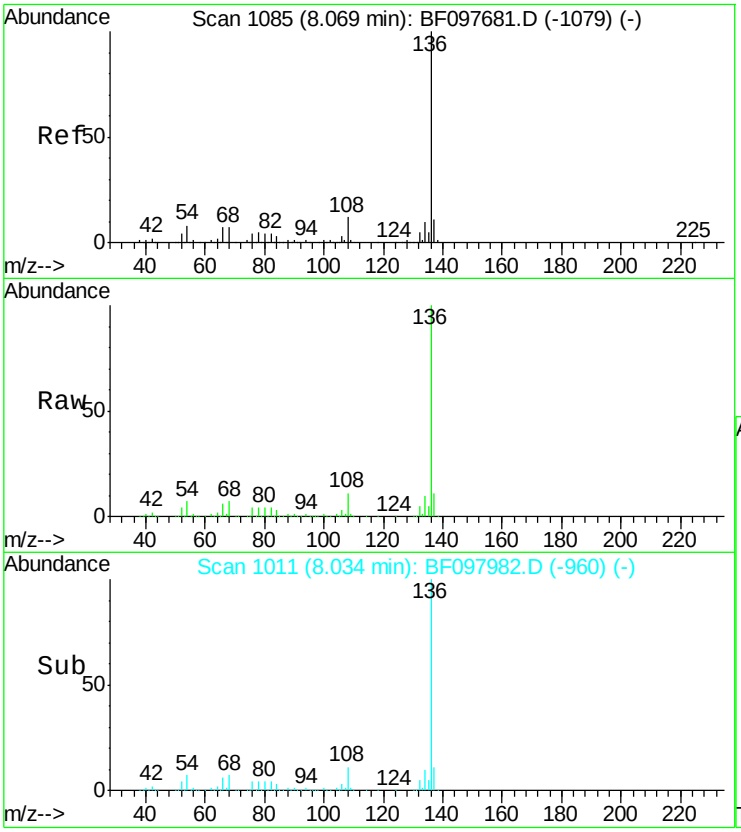


#19
n-Nitroso-di-n-propylamine
Concen: 2.65 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.14 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion: 70 Resp: 21214

Ion	Ratio	Lower	Upper
70	100		
42	39.0	47.2	70.8#
101	0.0	7.2	10.8#
130	1.4	15.9	23.9#



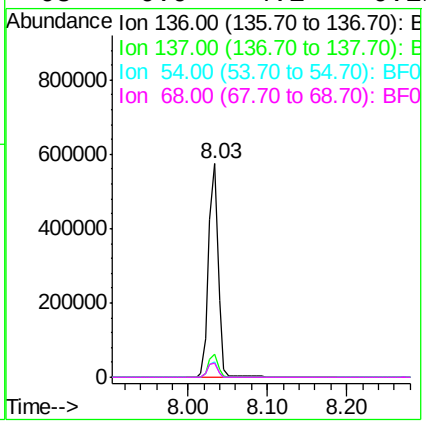


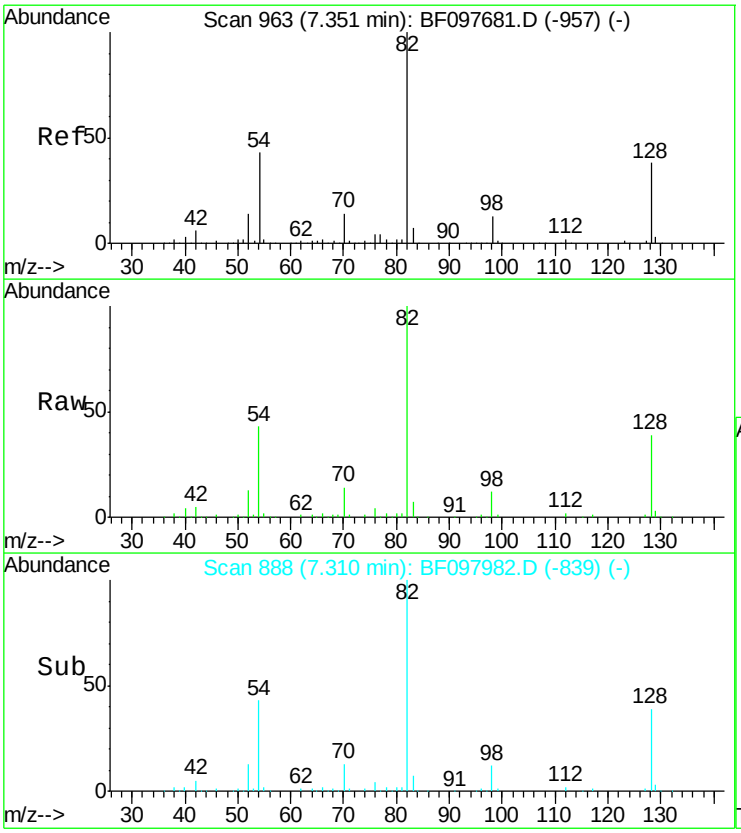
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion:136 Resp: 483597

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.2	4.9	7.3
68	6.9	4.1	6.1#

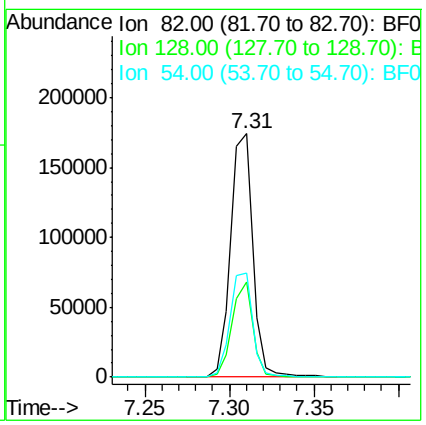


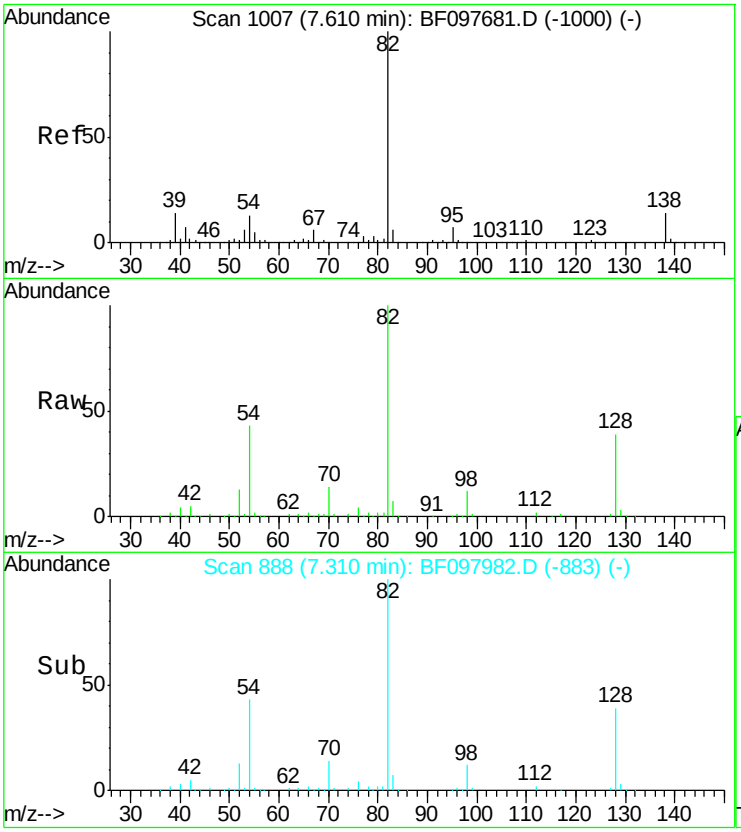


#23
Nitrobenzene-d5
Concen: 17.94 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion: 82 Resp: 159674

Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.0	51.0
54	42.6	42.2	63.2



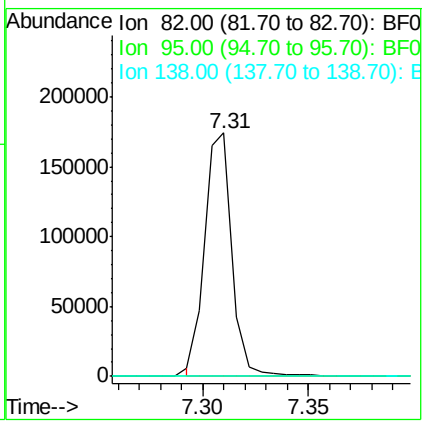


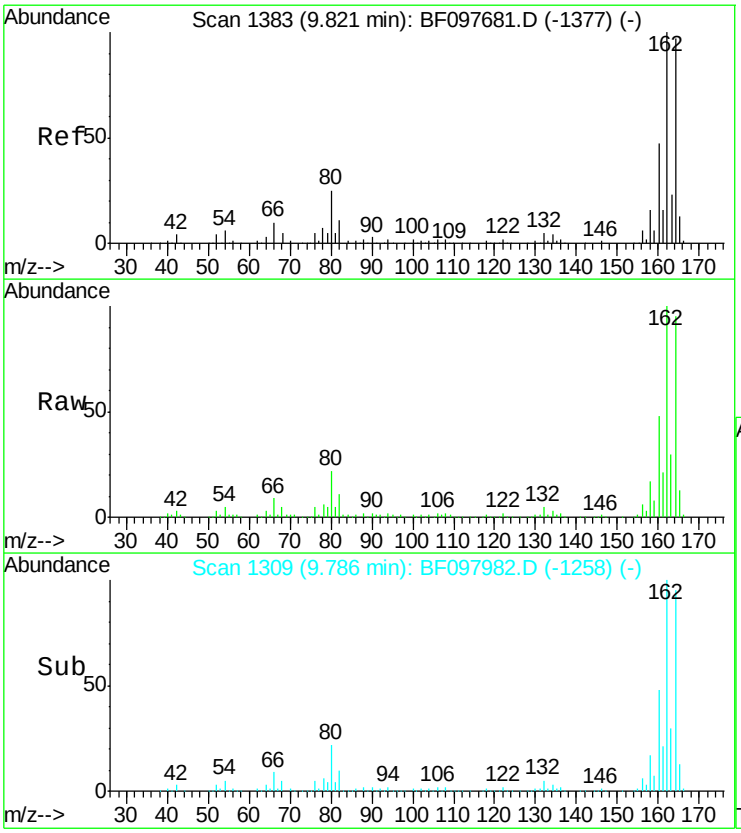
#25
Isophorone
Concen: 8.38 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.27 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion: 82 Resp: 155091

Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.3	7.9#
138	0.0	13.1	19.7#

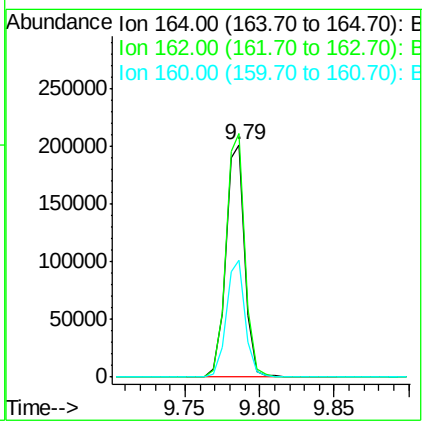


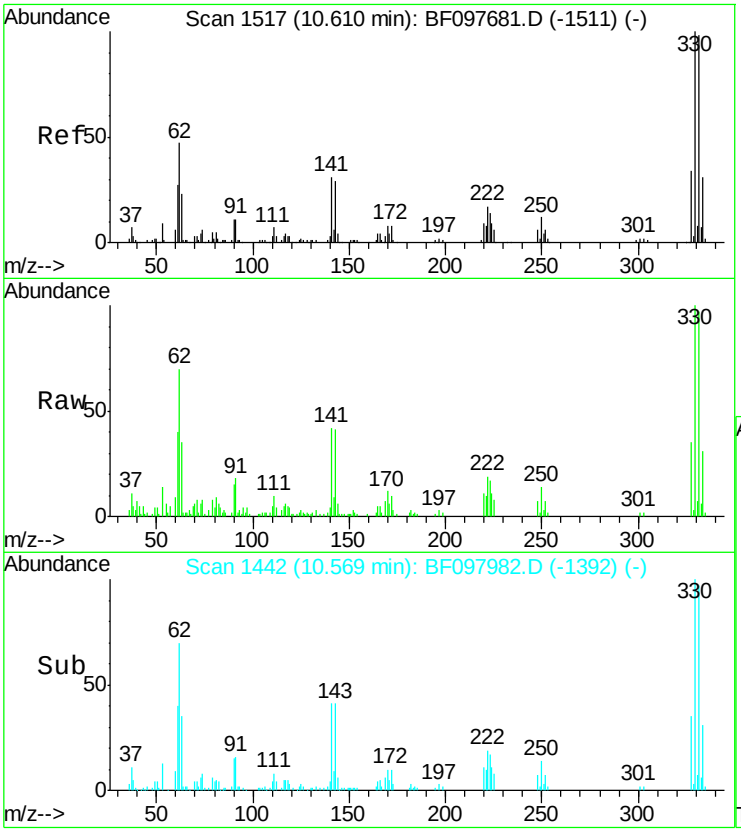


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion:164 Resp: 182151

Ion	Ratio	Lower	Upper
164	100		
162	104.8	82.6	123.8
160	50.2	36.2	54.2



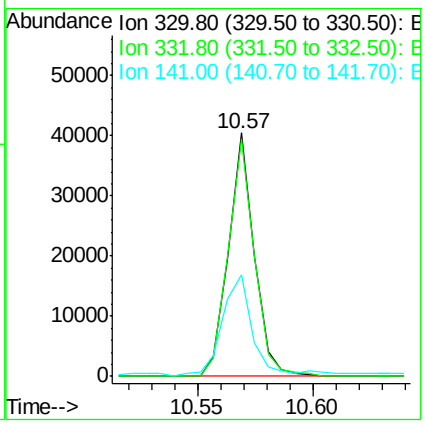


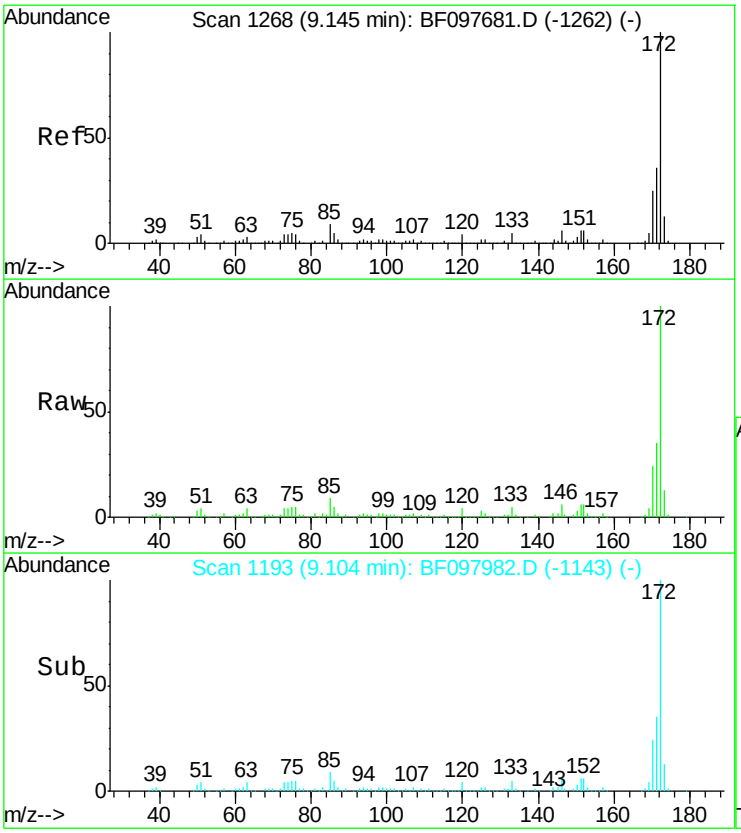
#41
2,4,6-Tribromophenol
Concen: 19.96 ng
RT: 10.57 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion:330 Resp: 31542

Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.6	115.0
141	51.4	31.4	47.2#

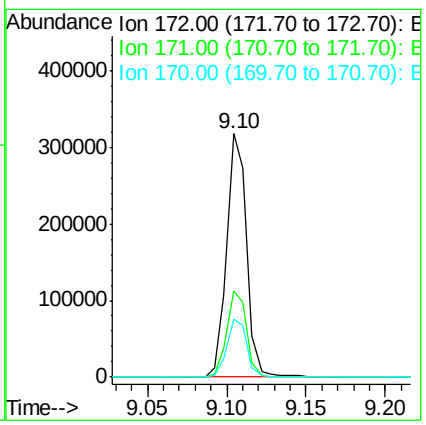


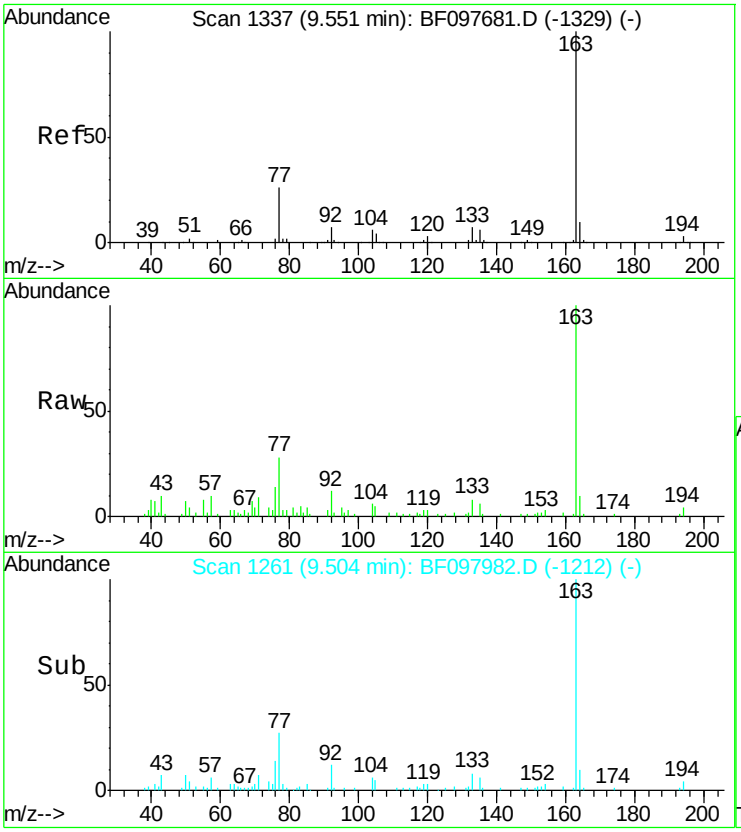


#44
2-Fluorobiphenyl
Concen: 22.37 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion:172 Resp: 277344

Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.7	19.8	29.8



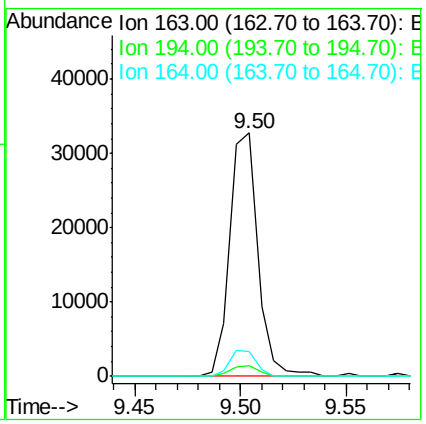


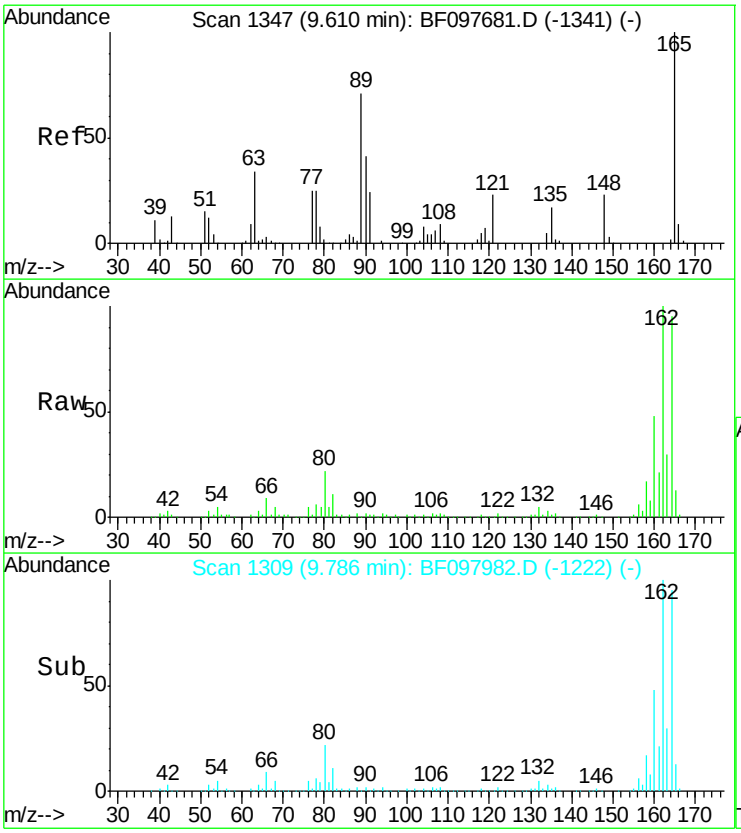
#49
Dimethylphthalate
Concen: 2.25 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion:163 Resp: 30003

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.6	4.0#
164	10.3	8.4	12.6

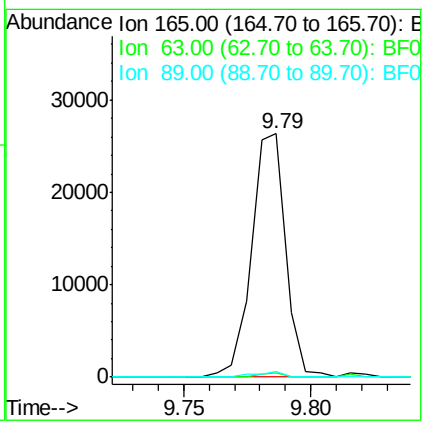


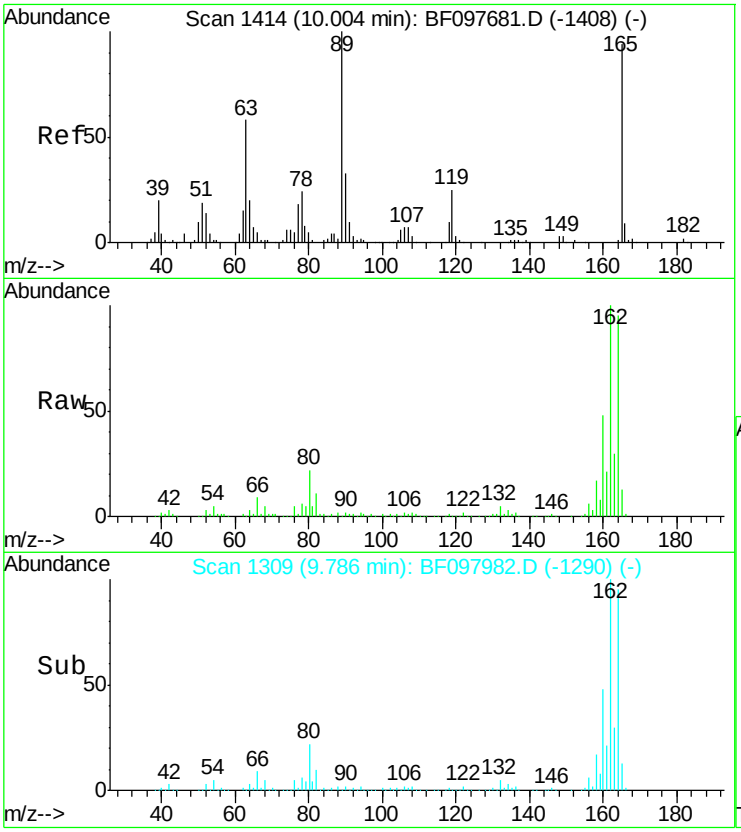


#50
2,6-Dinitrotoluene
Concen: 9.29 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.21 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion:165 Resp: 24687

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	2.5	37.1	55.7#



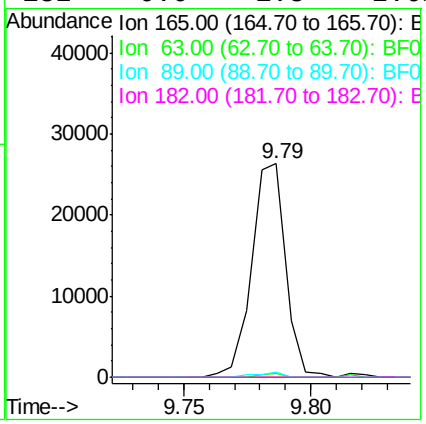


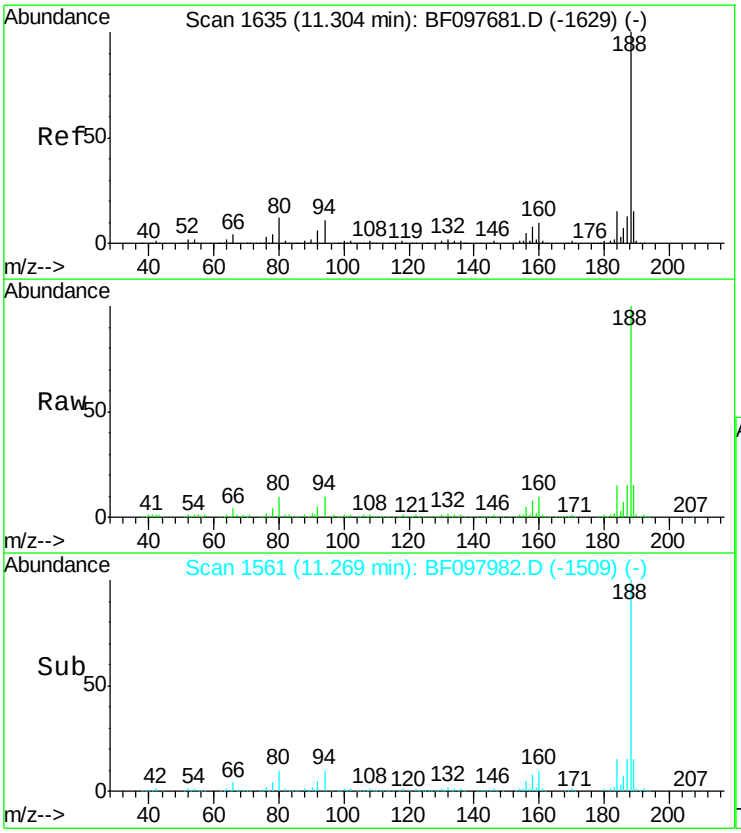
#56
2,4-Dinitrotoluene
Concen: 7.40 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion:165 Resp: 24687

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	2.5	46.4	69.6#
182	0.0	1.8	2.6#

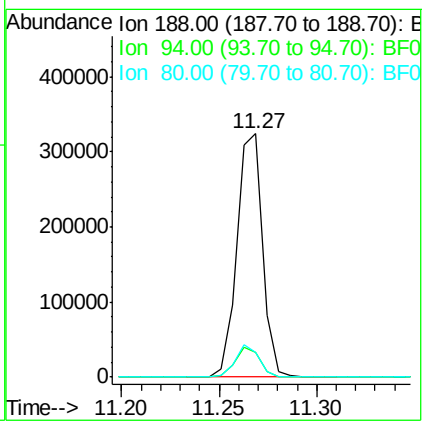


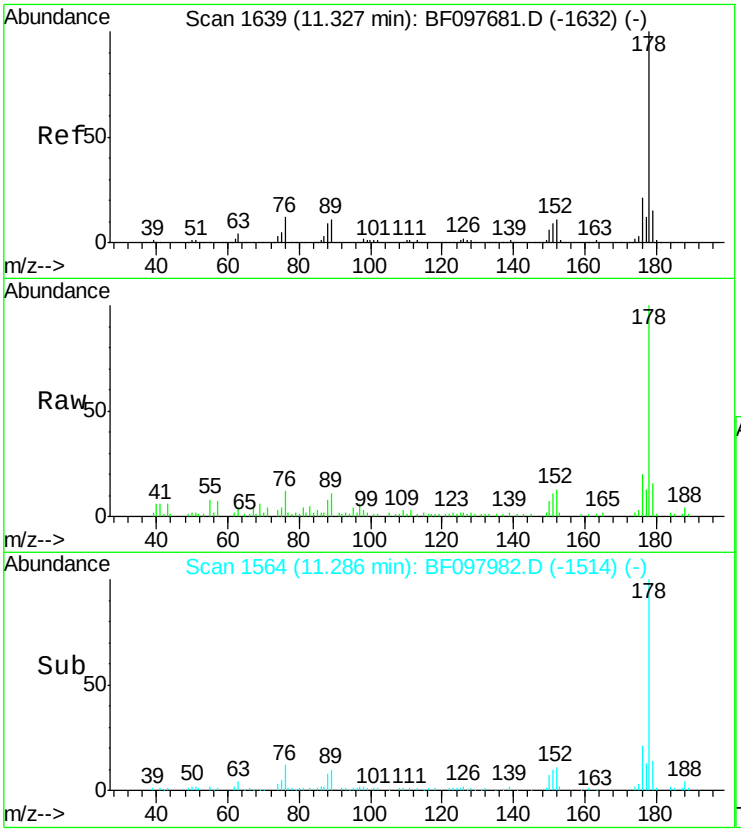


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion:188 Resp: 294601

Ion	Ratio	Lower	Upper
188	100		
94	10.3	9.4	14.2
80	10.3	10.2	15.2



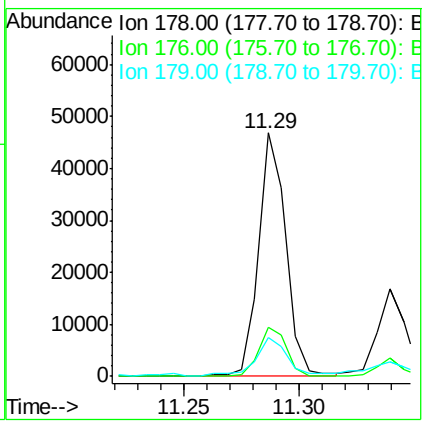


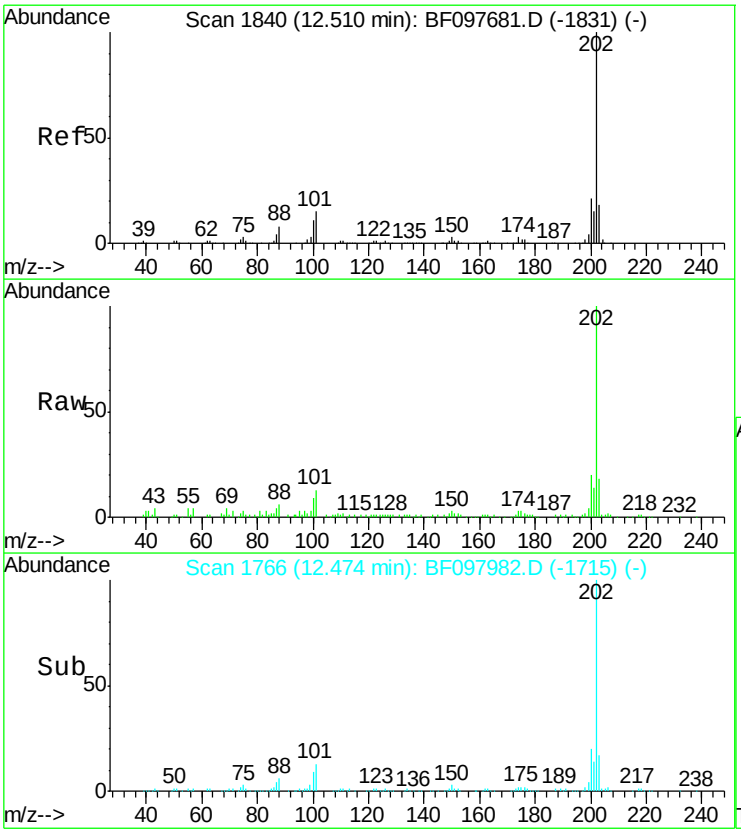
#70
Phenanthrene
Concen: 2.47 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion:178 Resp: 38838

Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.9	12.6	19.0

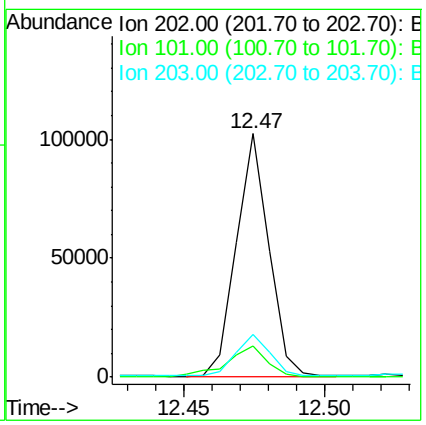


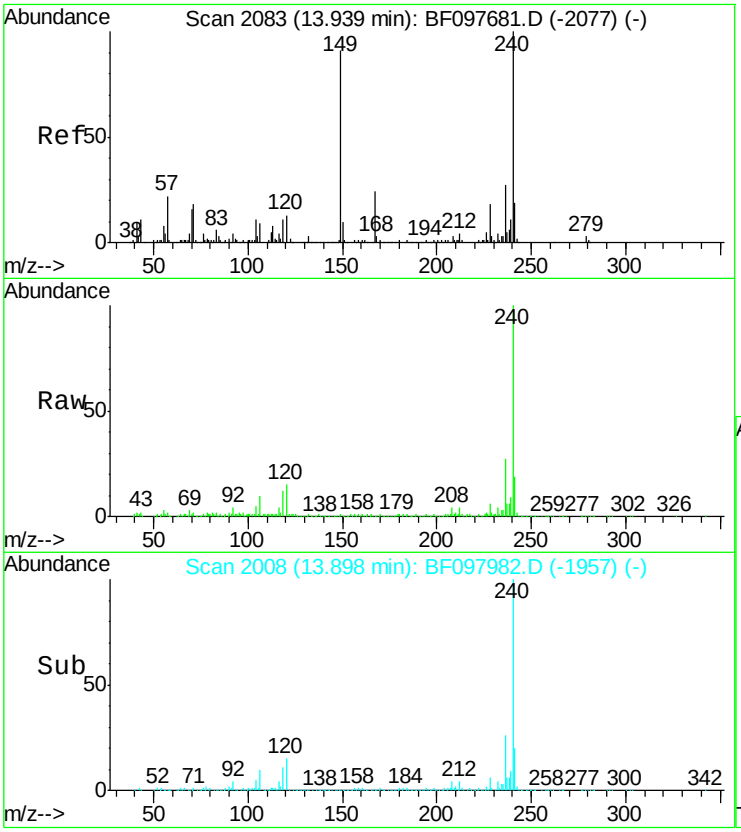


#74
Fluoranthene
Concen: 4.99 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion:202 Resp: 81736

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.8	0.0	38.1



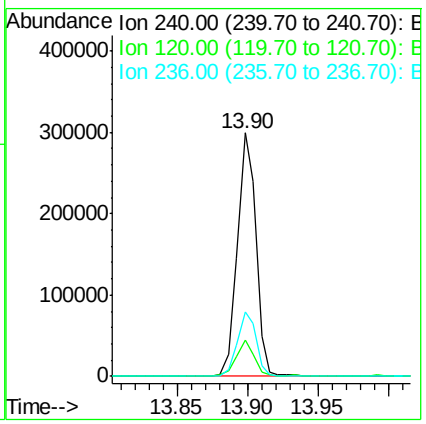


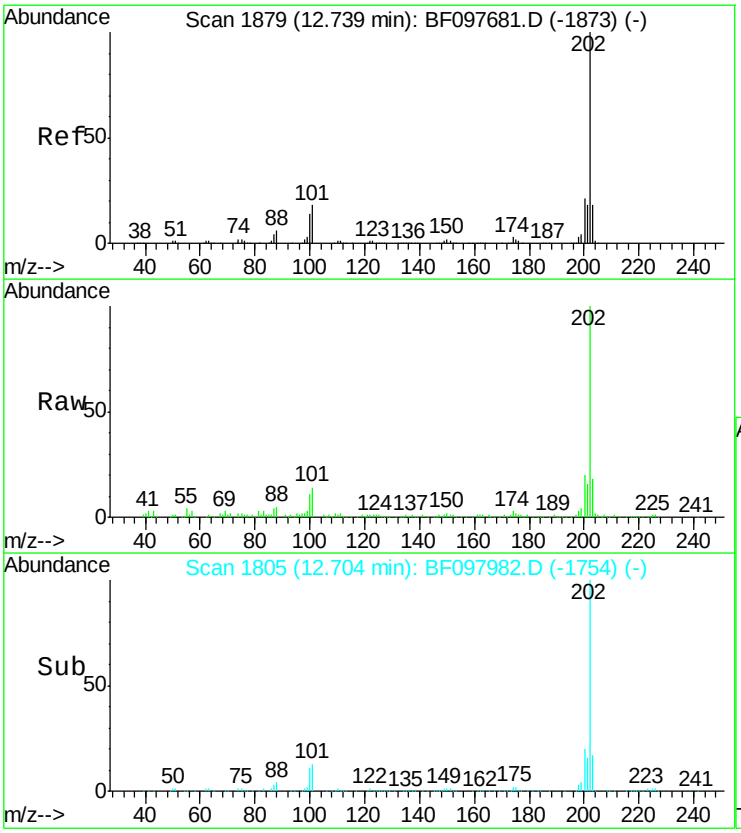
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion:240 Resp: 273305

Ion	Ratio	Lower	Upper
240	100		
120	14.8	5.8	8.8#
236	26.6	20.5	30.7

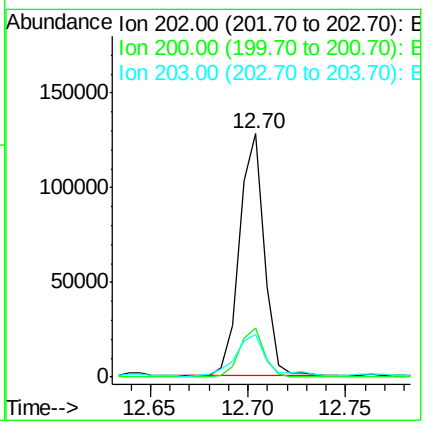


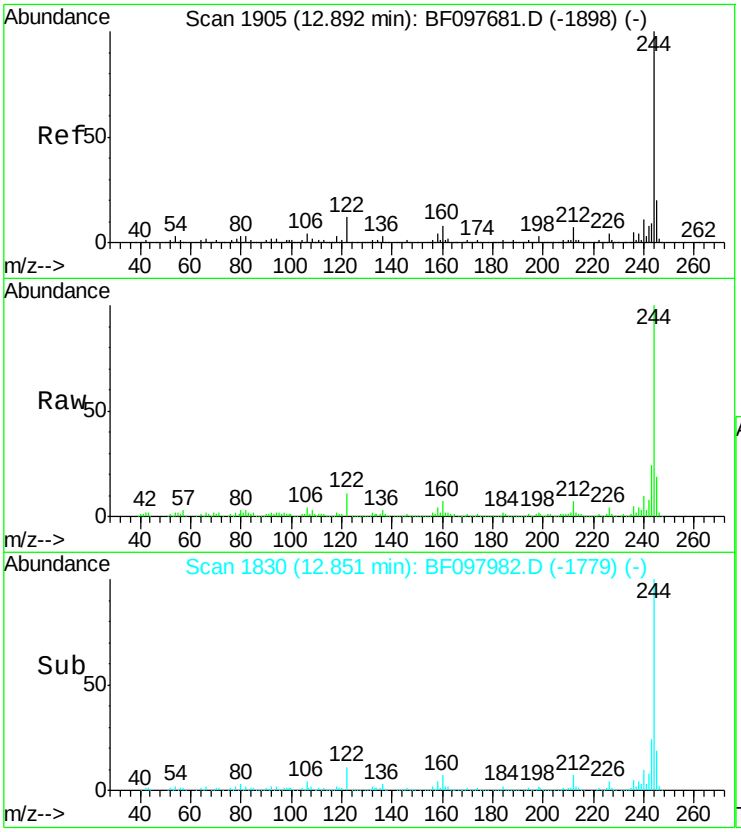


#77
Pyrene
Concen: 5.05 ng
RT: 12.70 min Scan# 1805
Delta R.T. 0.00 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion:202 Resp: 112892

Ion	Ratio	Lower	Upper
202	100		
200	20.1	17.6	26.4
203	17.5	14.4	21.6



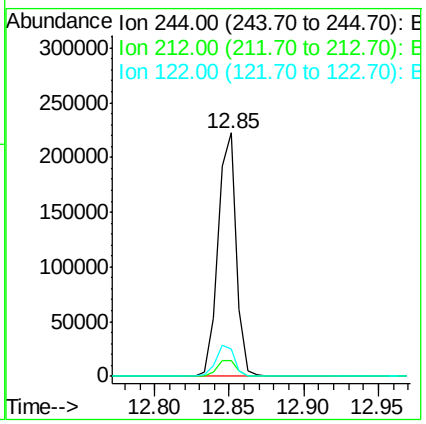


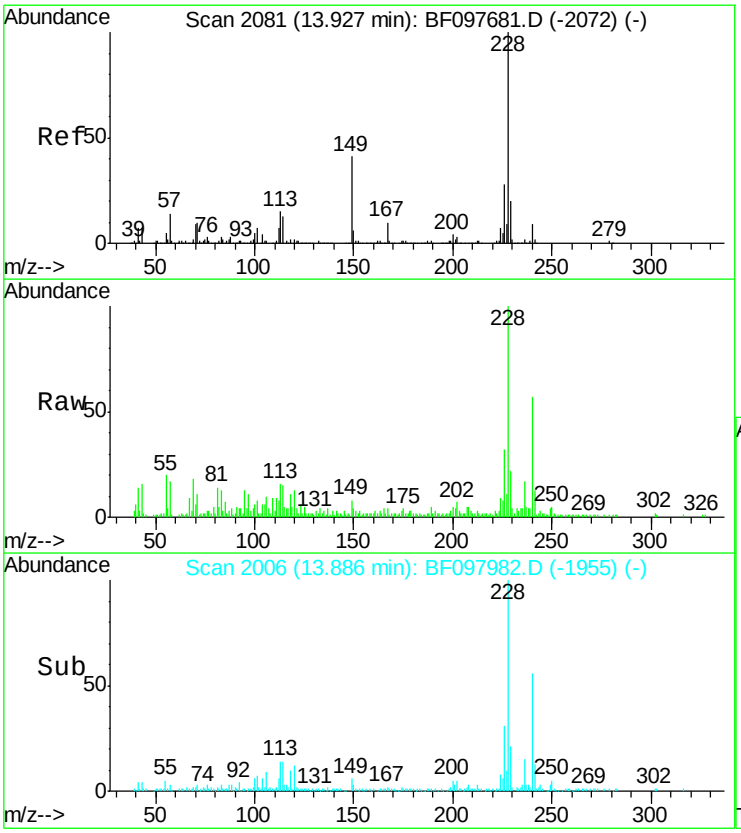
#78
Terphenyl-d14
Concen: 14.56 ng
RT: 12.85 min Scan# 1830
Delta R.T. 0.00 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion:244 Resp: 190789

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	11.4	10.3	15.5

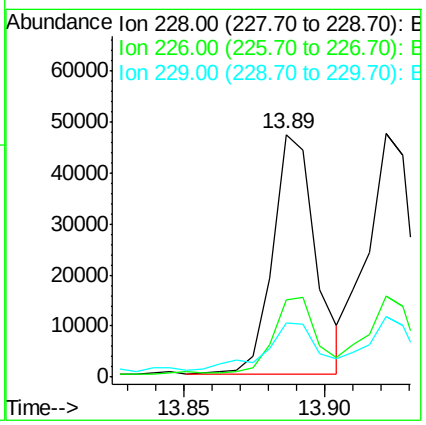


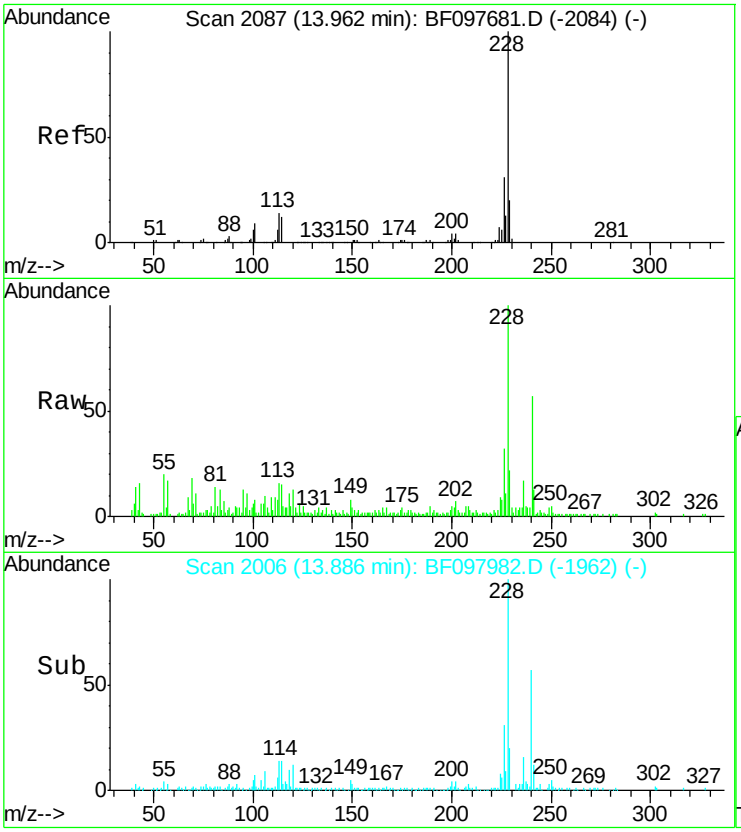


#80
Benzo(a)anthracene
Concen: 3.02 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion:228 Resp: 49438

Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.6	33.8
229	22.1	16.3	24.5



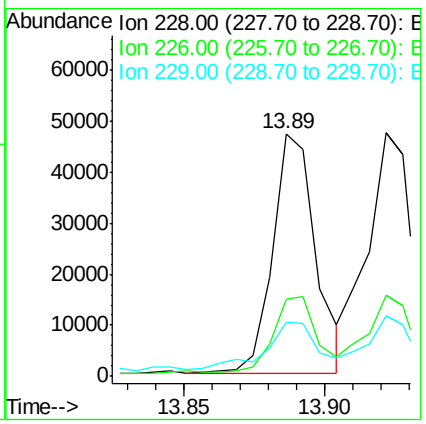


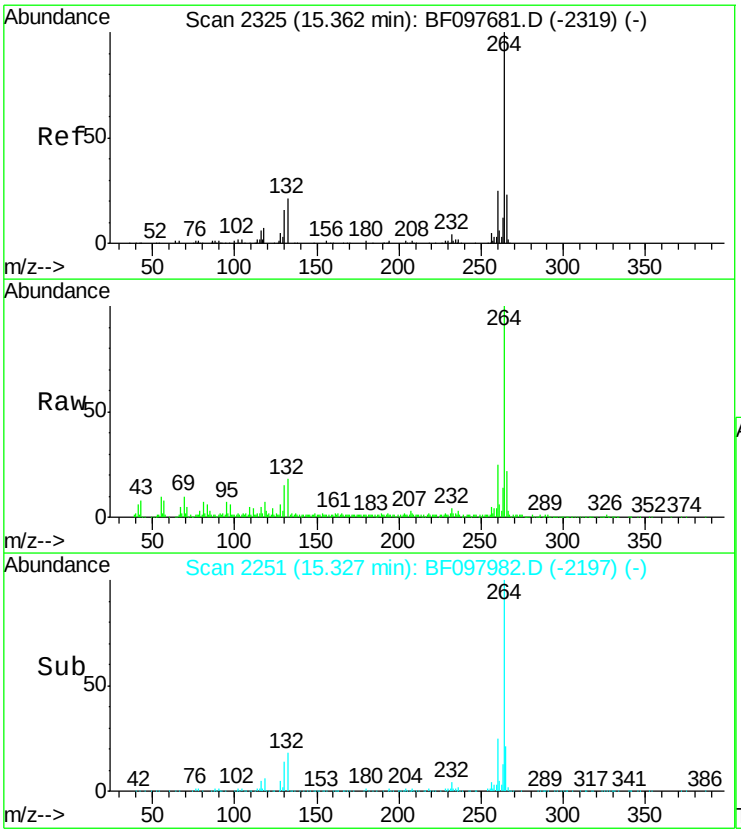
#82
Chrysene
Concen: 3.03 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.04 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion:228 Resp: 49438

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	22.1	15.8	23.6

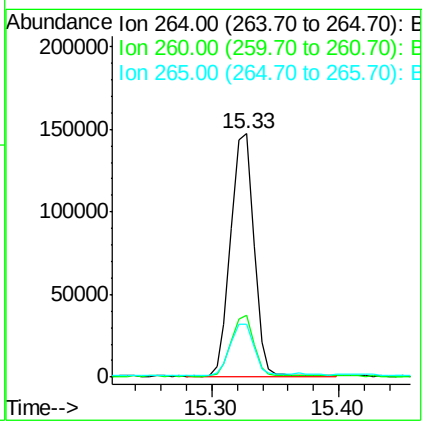


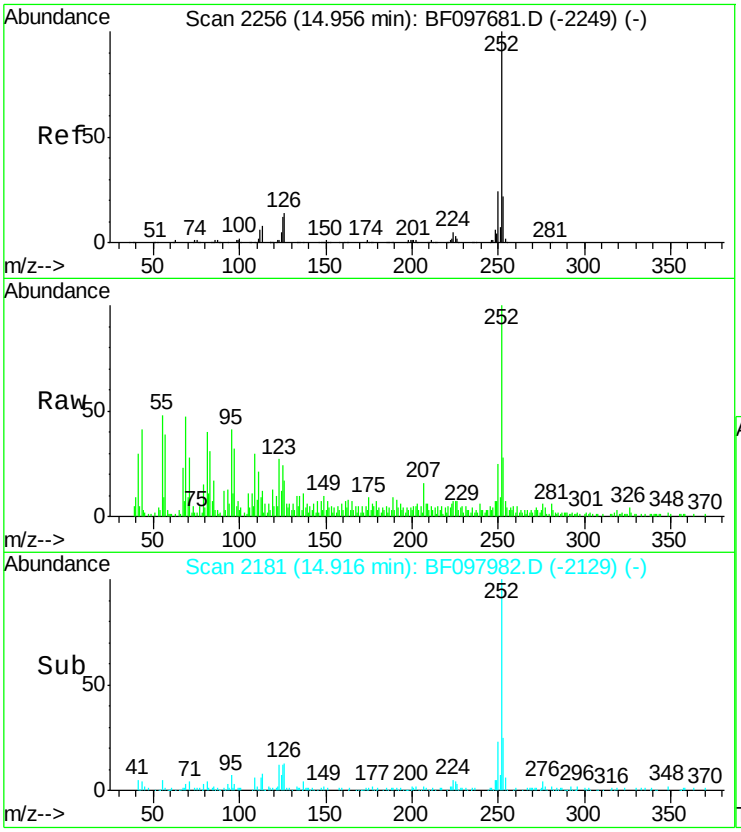


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion:264 Resp: 186988

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	21.7	17.2	25.8



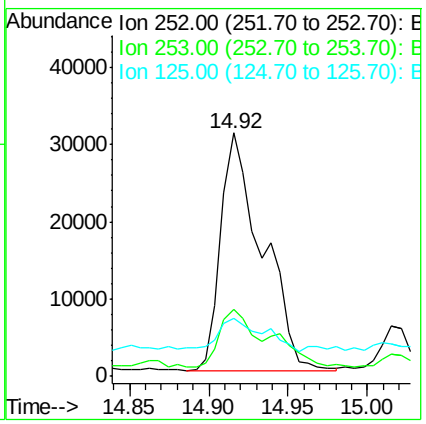


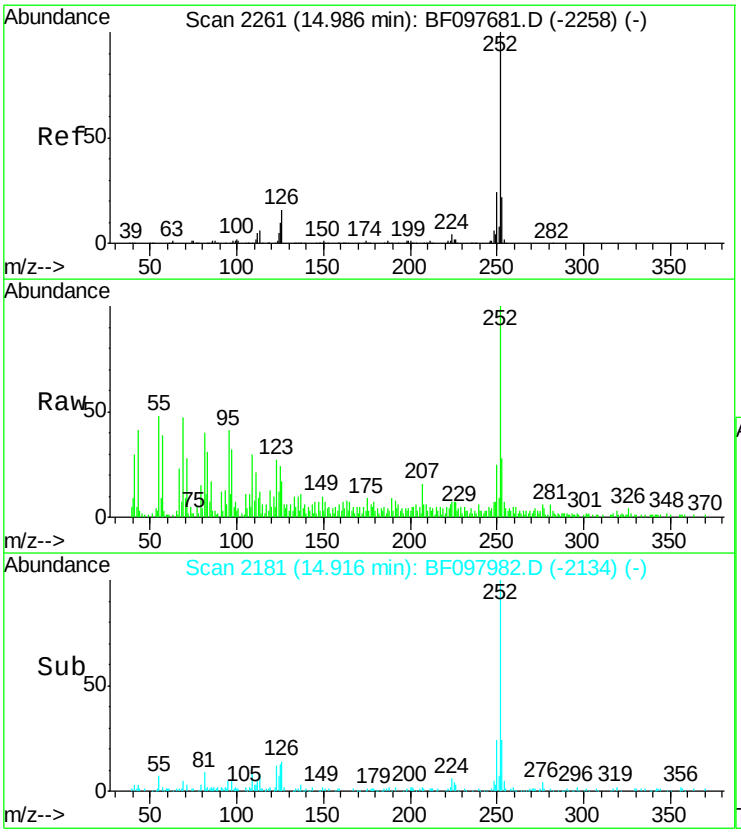
#87
Benzo(b)fluoranthene
Concen: 4.75 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion:252 Resp: 56009

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.1	27.1#
125	24.0	9.8	14.8#

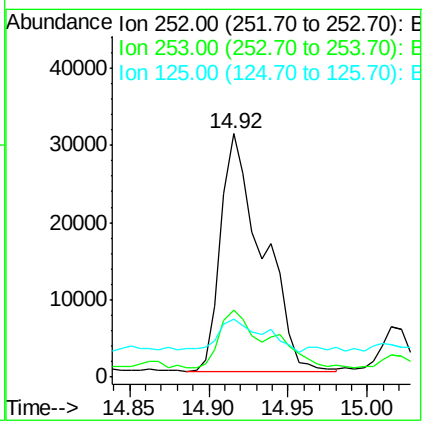


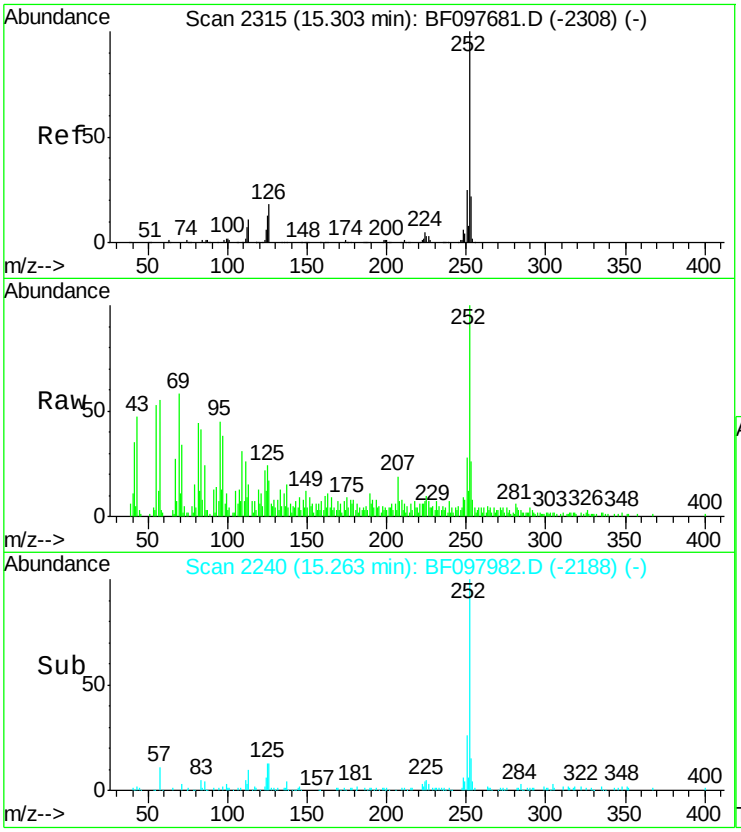


#88
Benzo(k)fluoranthene
Concen: 5.06 ng
RT: 14.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion:252 Resp: 56009

Ion	Ratio	Lower	Upper
252	100		
253	27.6	18.4	27.6#
125	24.0	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.88 ng
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tgt Ion:252 Resp: 30069

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.5	26.3
125	24.3	11.0	16.4#