Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097287.D
Acq On : 2 Aug 2017 21:39
Operator : SJ/JU
Sample : I4540-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 02 23:11:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	110266	20.00	ng		-0.05
21) Naphthalene-d8	7.73	136	488478	20.00	ng		-0.05
38) Acenaphthene-d10	9.47	164	206271	20.00	ng		-0.06
63) Phenanthrene-d10	10.95	188	295185	20.00	ng		-0.05
75) Chrysene-d12	13.57	240	203461	20.00	ng		-0.05
86) Perylene-d12	14.92	264	168752	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	91369	12.49	ng		-0.05
7) Phenol-d6	6.12	99	102018	12.22	ng		-0.05
23) Nitrobenzene-d5	7.02	82	60977	7.32	ng		-0.06
41) 2,4,6-Tribromophenol	10.26	330	18050	11.08	ng		-0.06
44) 2-Fluorobiphenyl	8.81	172	121749	10.02	ng		-0.06
78) Terphenyl-d14	12.53	244	68784	6.89	ng		-0.06
Target Compounds							Qvalue
25) Isophorone	7.02	82	60977	3.74	ng	#	67
50) 2,6-Dinitrotoluene	9.47	165	26016	7.83	ng	#	34
56) 2,4-Dinitrotoluene	9.47	165	26016	6.81	ng	#	33
70) Phenanthrene	10.97	178	94149	5.95	ng		97
74) Fluoranthene	12.16	202	118859	7.67	ng		96
77) Pyrene	12.38	202	108008	6.48	ng		97
80) Benzo(a)anthracene	13.56	228	43975	3.34	ng		99
82) Chrysene	13.60	228	39372	3.06	ng		97
87) Benzo(b)fluoranthene	14.56	252	60356	5.95	ng	#	94
88) Benzo(k)fluoranthene	14.56	252	60356	6.24	ng		97
89) Benzo(a)pyrene	14.86	252	32376	3.49	ng	#	90
91) Benzo(g,h,i)perylene	16.49	276	16635	2.08	ng	#	89

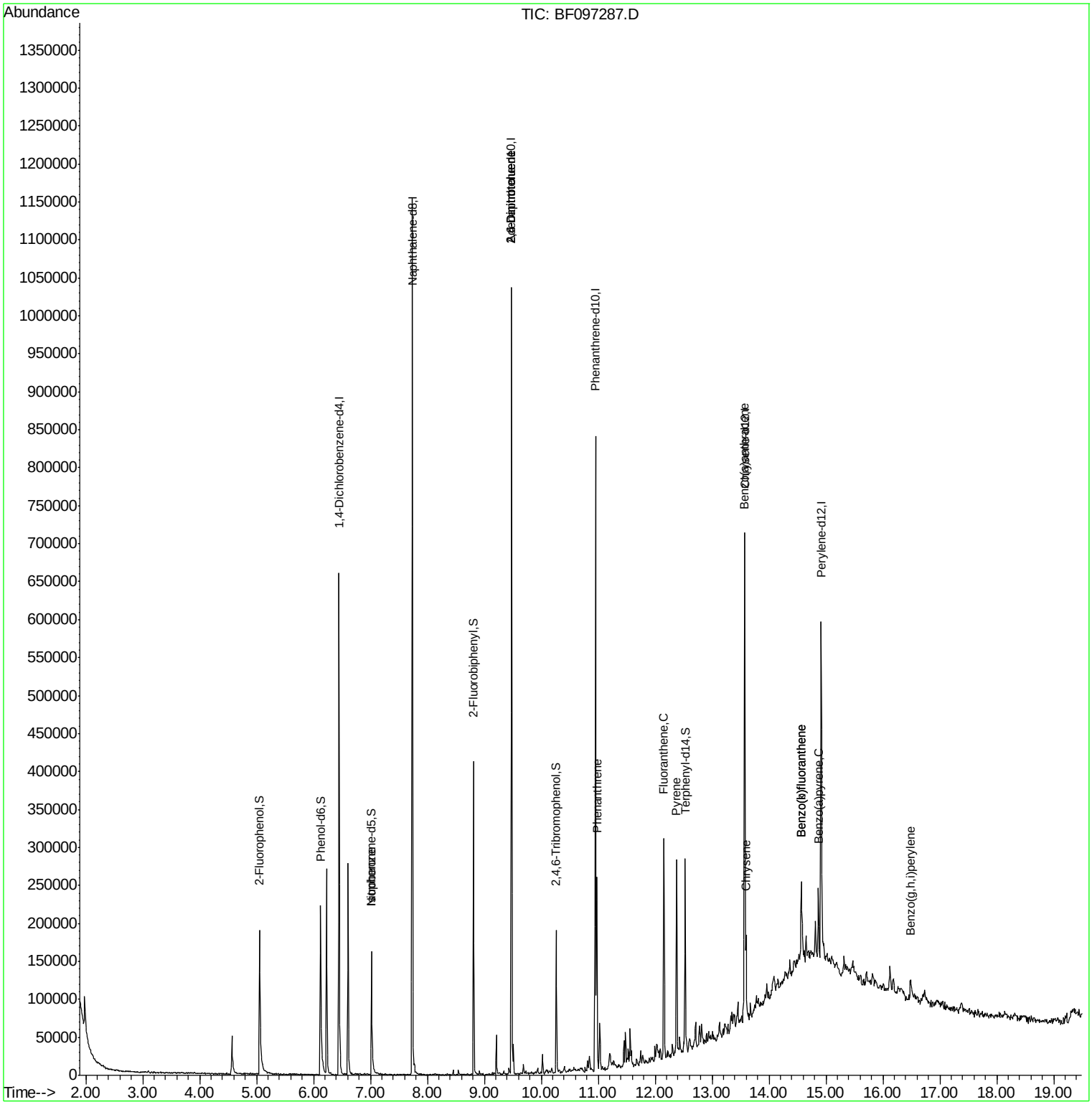
(#) = qualifier out of range (m) = manual integration (+) = signals summed

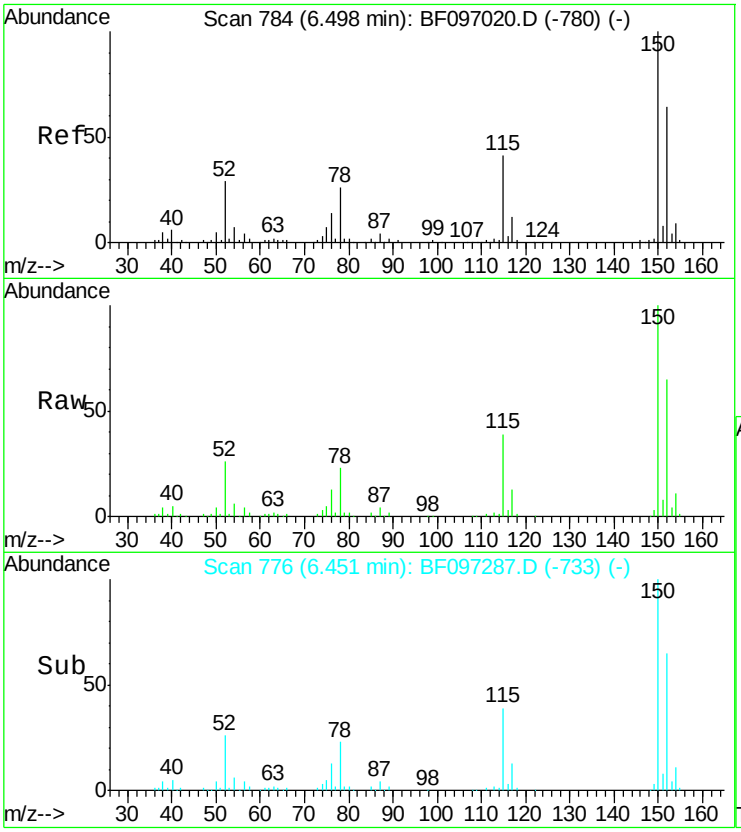
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097287.D
Acq On : 2 Aug 2017 21:39
Operator : SJ/JU
Sample : I4540-01 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Aug 02 23:11:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration



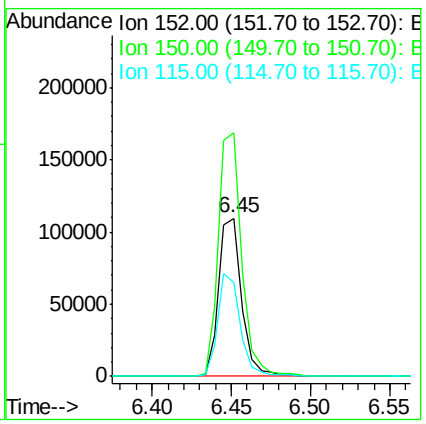


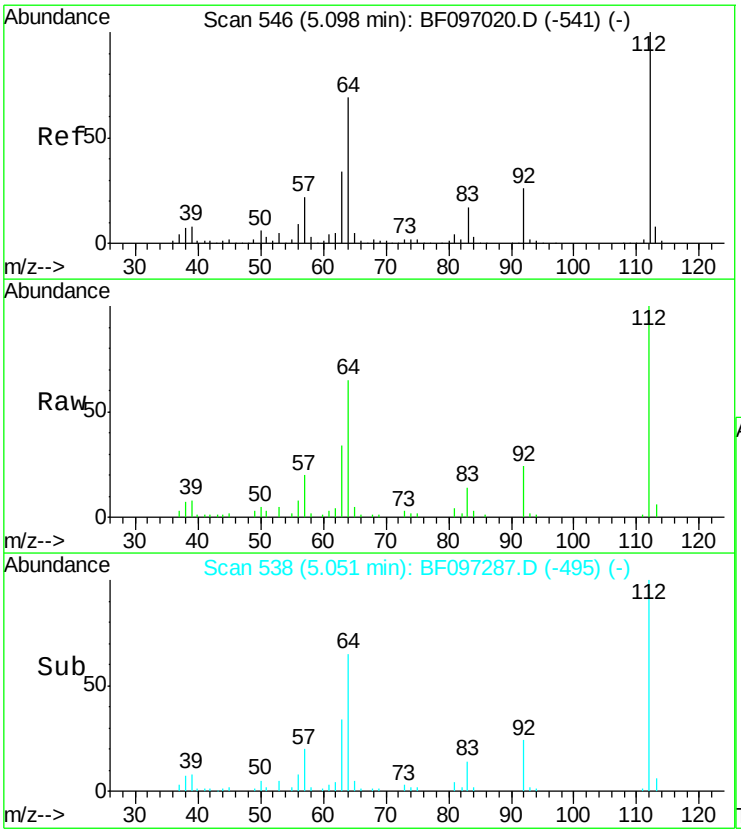
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 110266

Ion	Ratio	Lower	Upper
152	100		
150	154.1	126.2	189.2
115	59.4	52.2	78.2

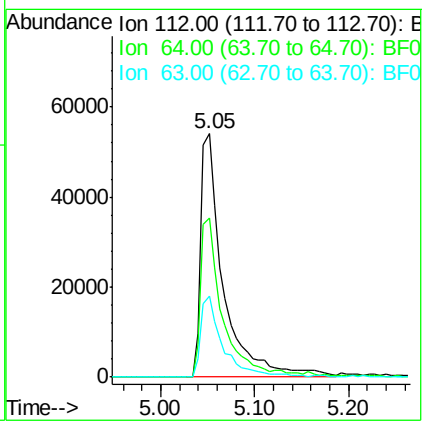


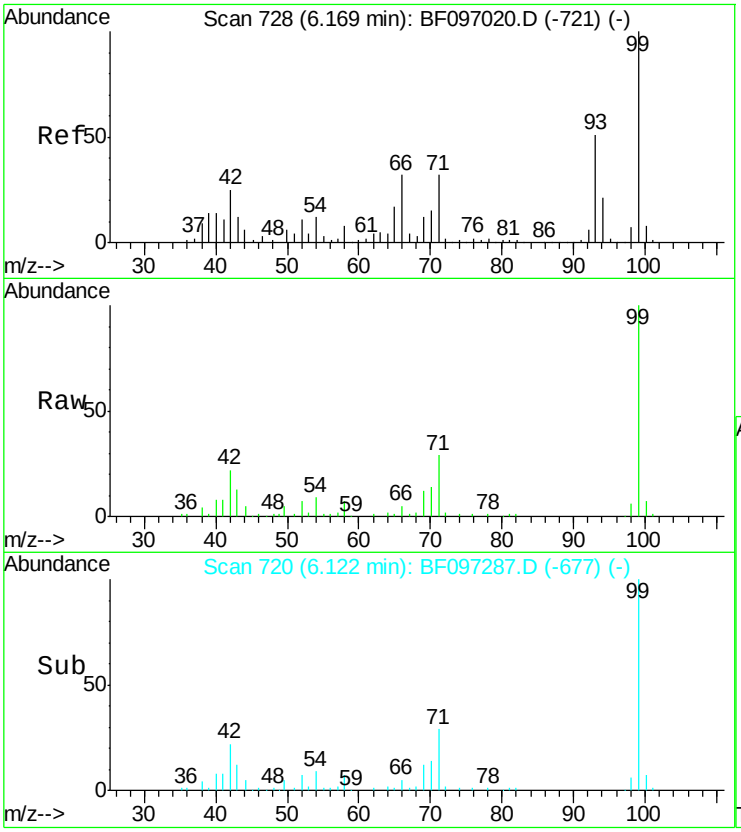


#5
2-Fluorophenol
Concen: 12.49 ng
RT: 5.05 min Scan# 538
Delta R.T. -0.05 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion:112 Resp: 91369

Ion	Ratio	Lower	Upper
112	100		
64	65.2	46.0	69.0
63	33.5	23.4	35.0



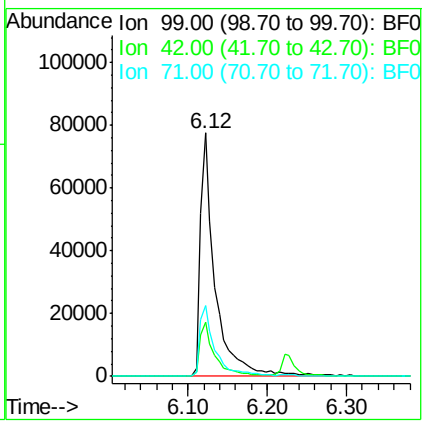


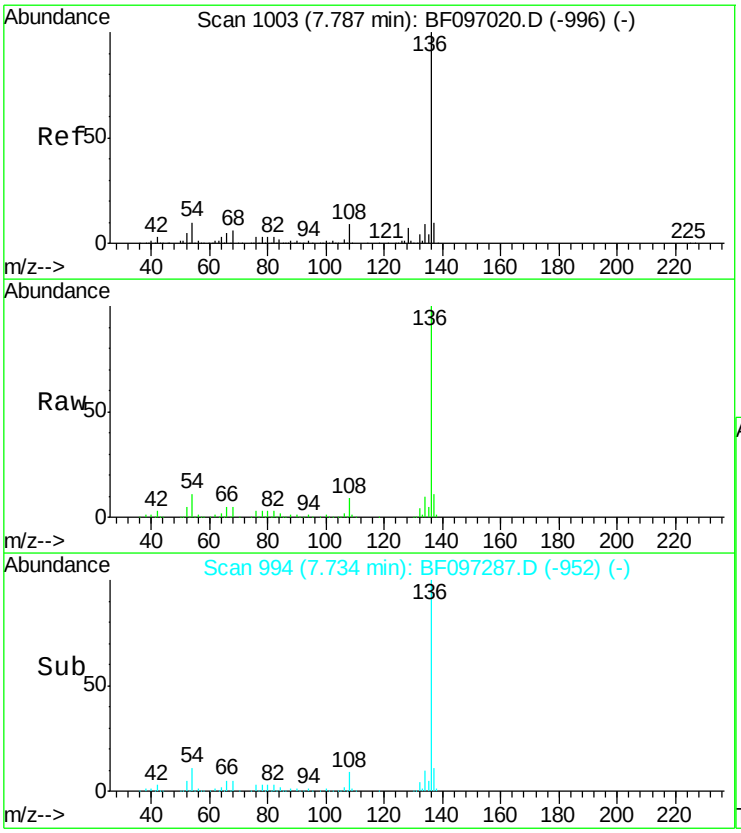
#7
Phenol-d6
Concen: 12.22 ng
RT: 6.12 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 102018

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	29.1	24.5	36.7

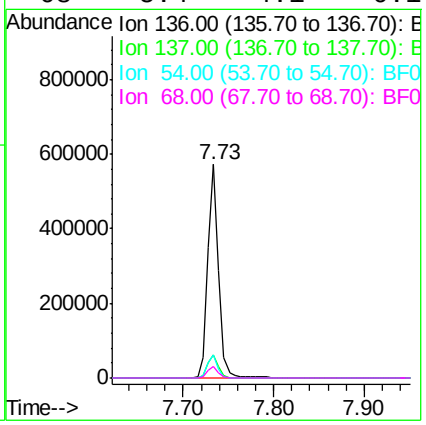


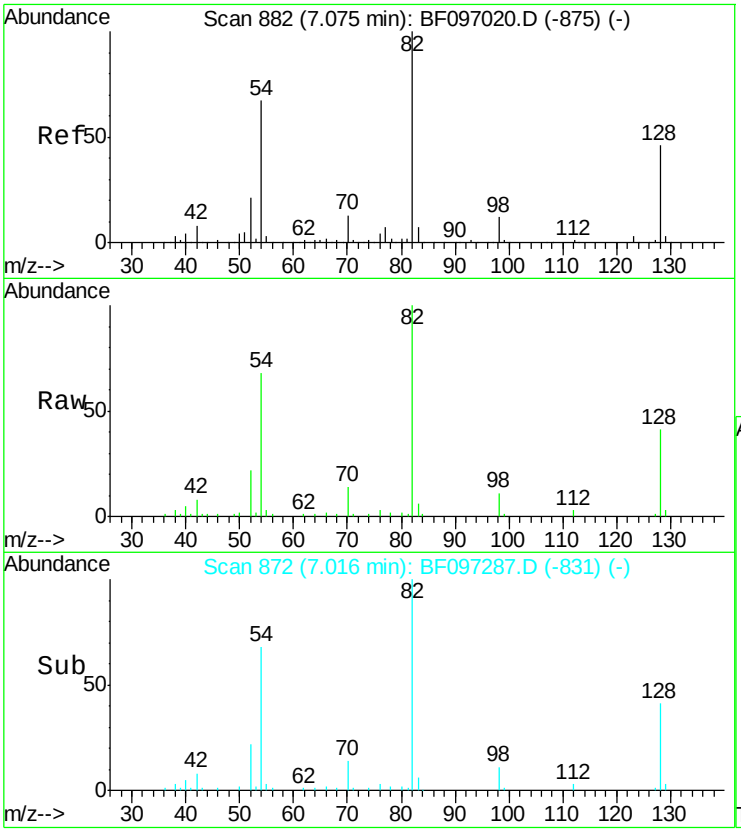


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.05 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion:136 Resp: 488478

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.5	4.9	7.3#
68	5.4	4.1	6.1



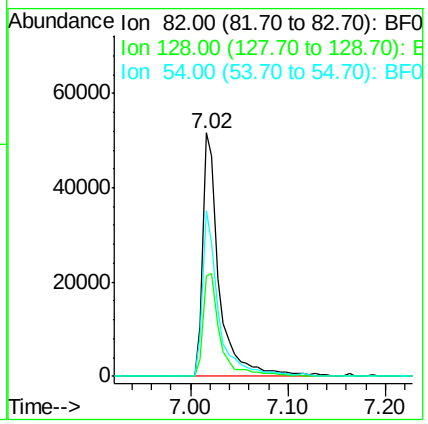


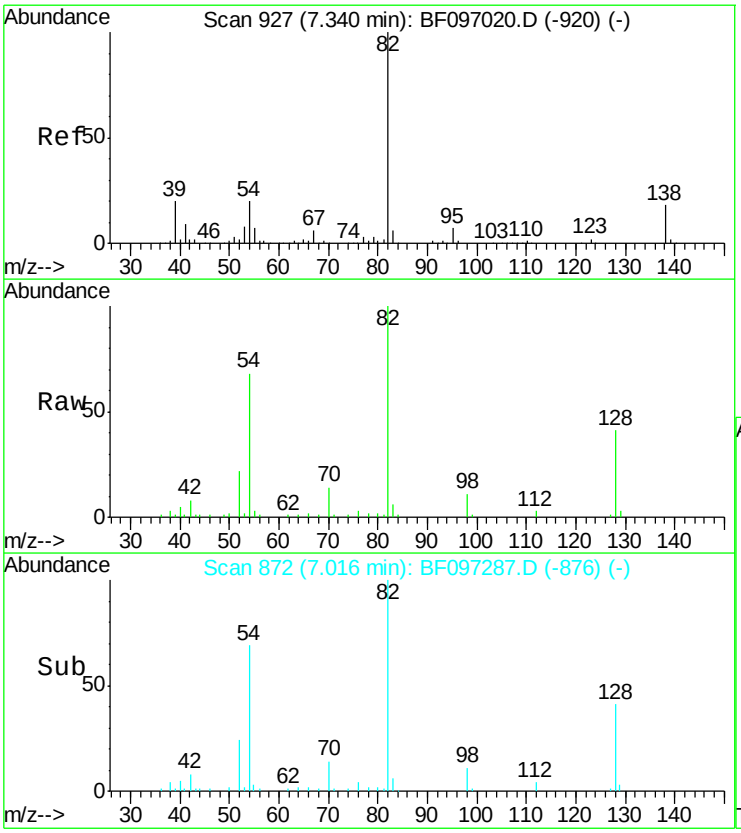
#23
Nitrobenzene-d5
Concen: 7.32 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.06 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 60977

Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.0	51.0
54	68.1	42.2	63.2#

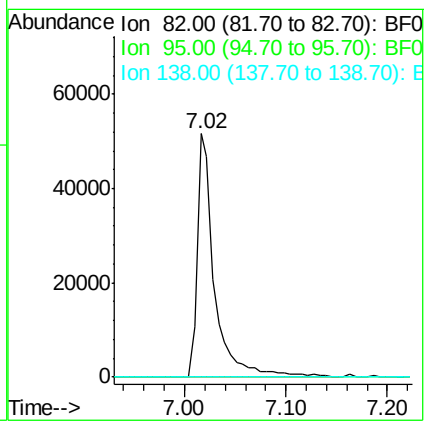


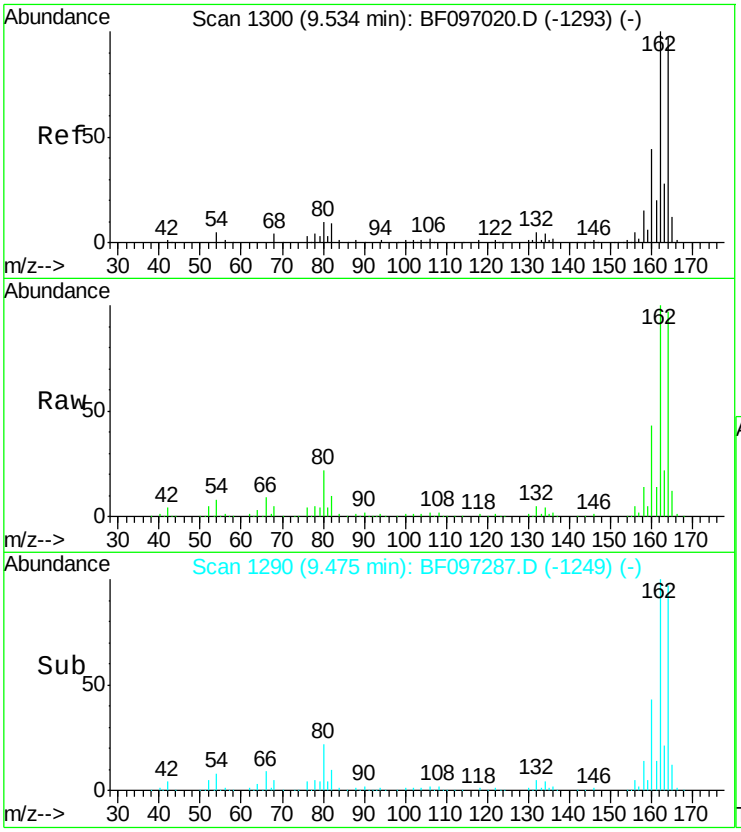


#25
Isophorone
Concen: 3.74 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.32 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion: 82 Resp: 60977

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



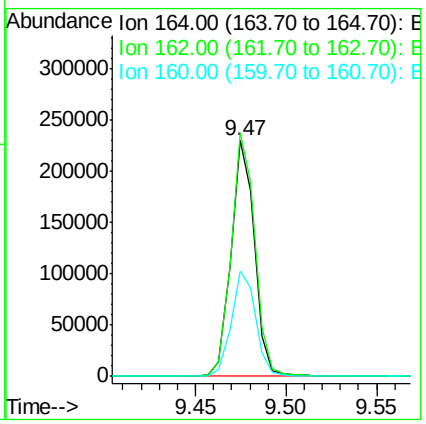


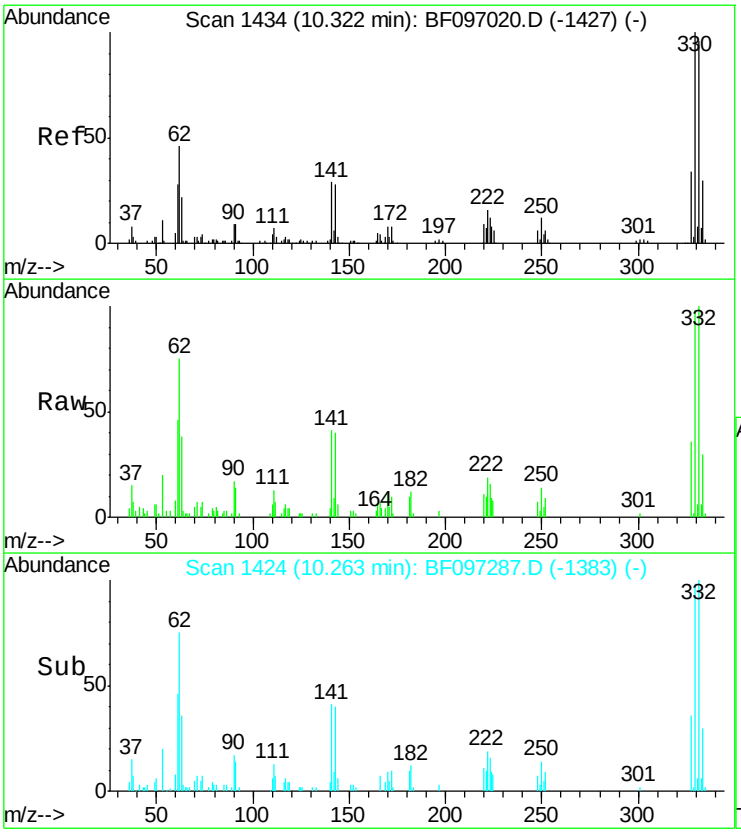
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.06 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:164 Resp: 206271

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	44.8	36.2	54.2

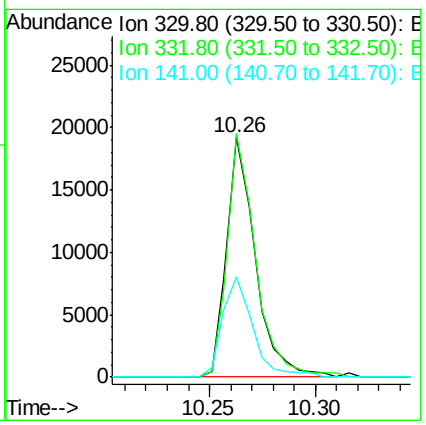


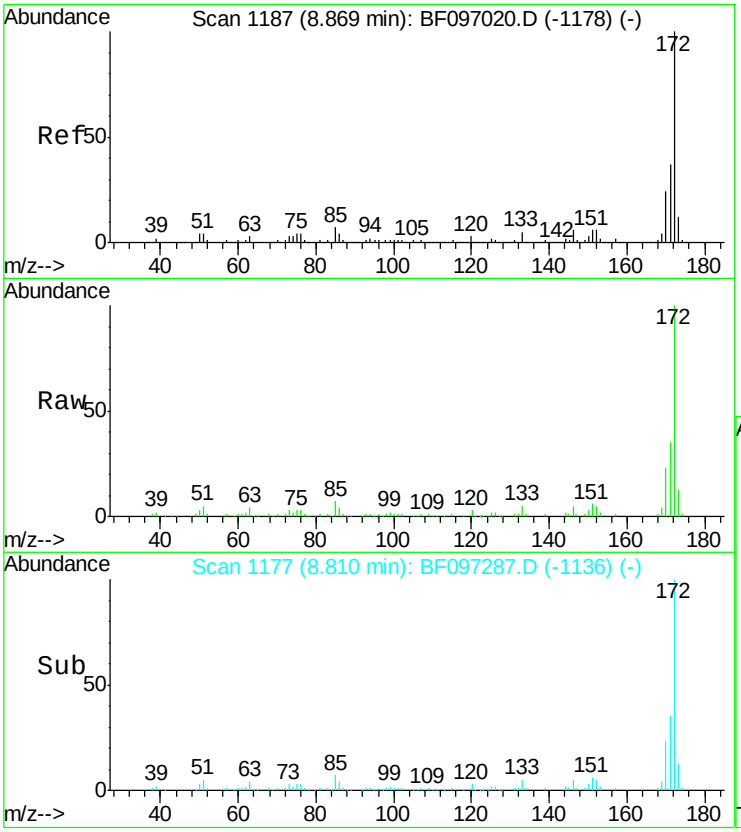


#41
2,4,6-Tribromophenol
Concen: 11.08 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.06 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion:330 Resp: 18050

Ion	Ratio	Lower	Upper
330	100		
332	100.6	76.6	115.0
141	44.1	31.4	47.2



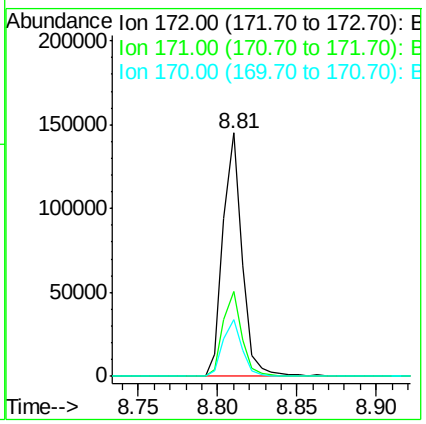


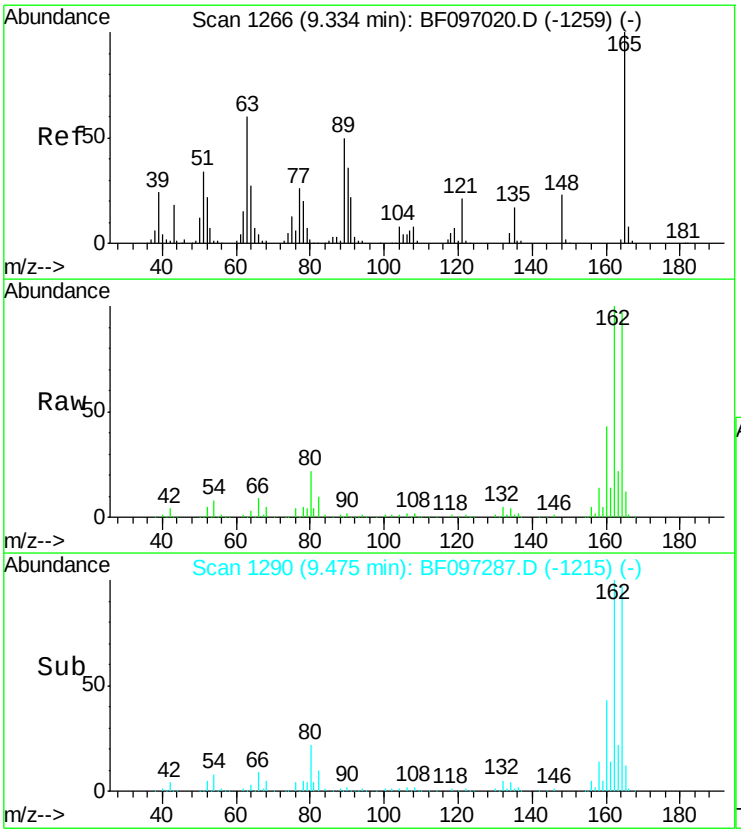
#44
2-Fluorobiphenyl
Concen: 10.02 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.06 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 121749

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	23.5	19.8	29.8

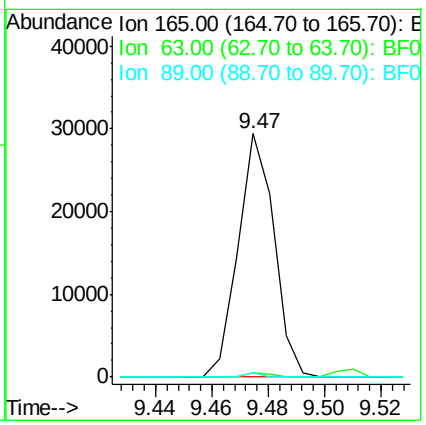


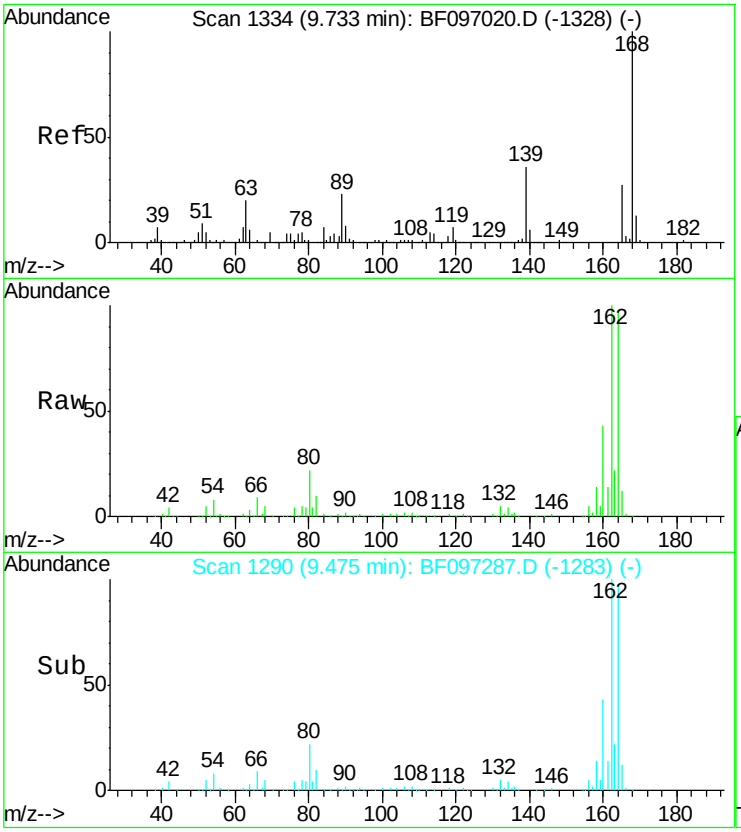


#50
2,6-Dinitrotoluene
Concen: 7.83 ng
RT: 9.47 min Scan# 1290
Delta R.T. 0.14 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion:165 Resp: 26016

Ion	Ratio	Lower	Upper
165	100		
63	1.8	34.3	51.5#
89	1.6	37.1	55.7#



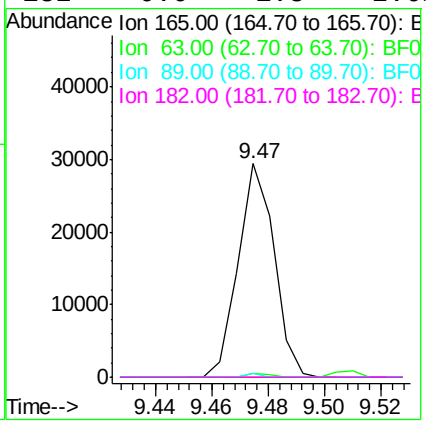


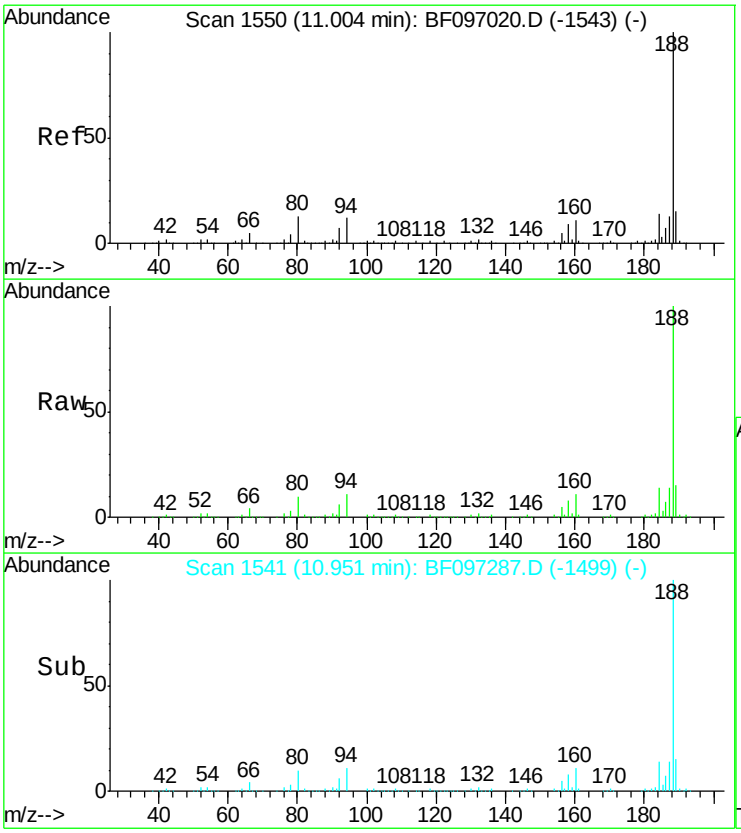
#56
2,4-Dinitrotoluene
Concen: 6.81 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.26 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26016

Ion	Ratio	Lower	Upper
165	100		
63	1.8	25.4	38.0#
89	1.6	46.4	69.6#
182	0.0	1.8	2.6#

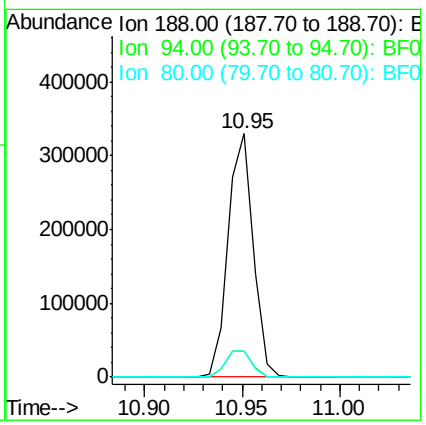


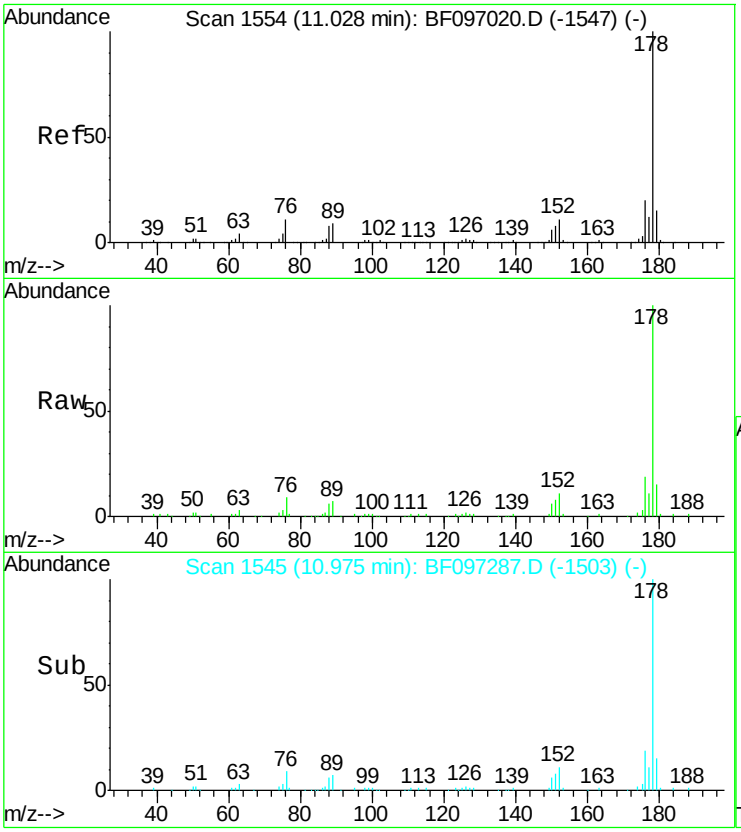


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.05 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion:188 Resp: 295185

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.5	10.2	15.2



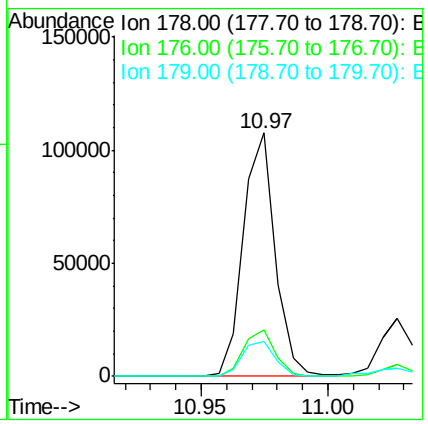


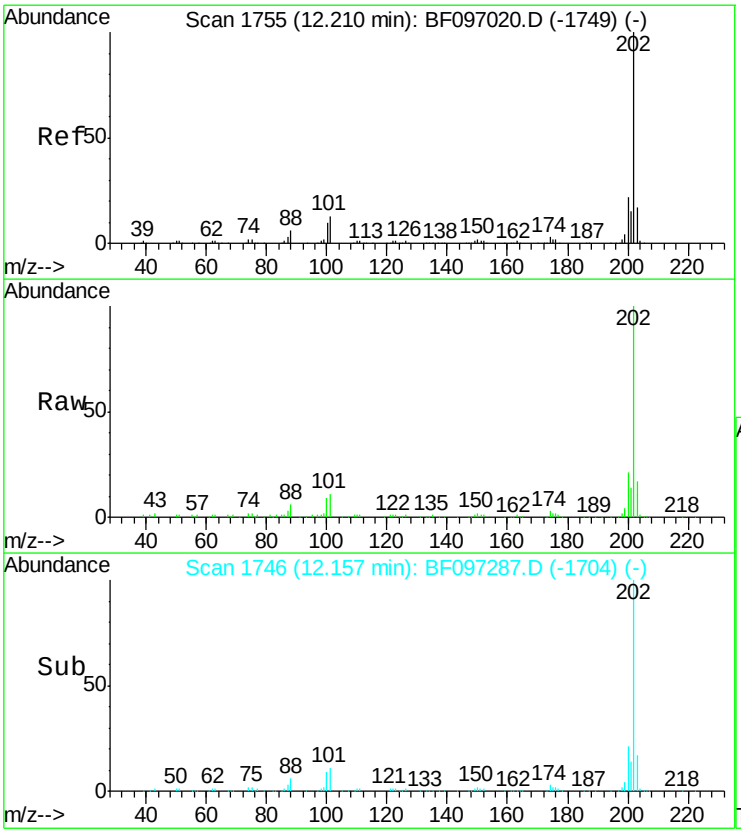
#70
Phenanthrene
Concen: 5.95 ng
RT: 10.97 min Scan# 1545
Delta R.T. -0.05 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:178 Resp: 94149

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	14.6	12.6	19.0

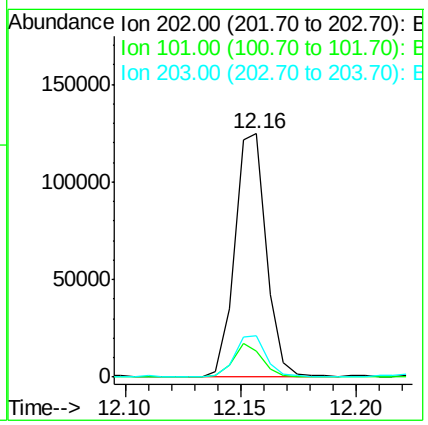


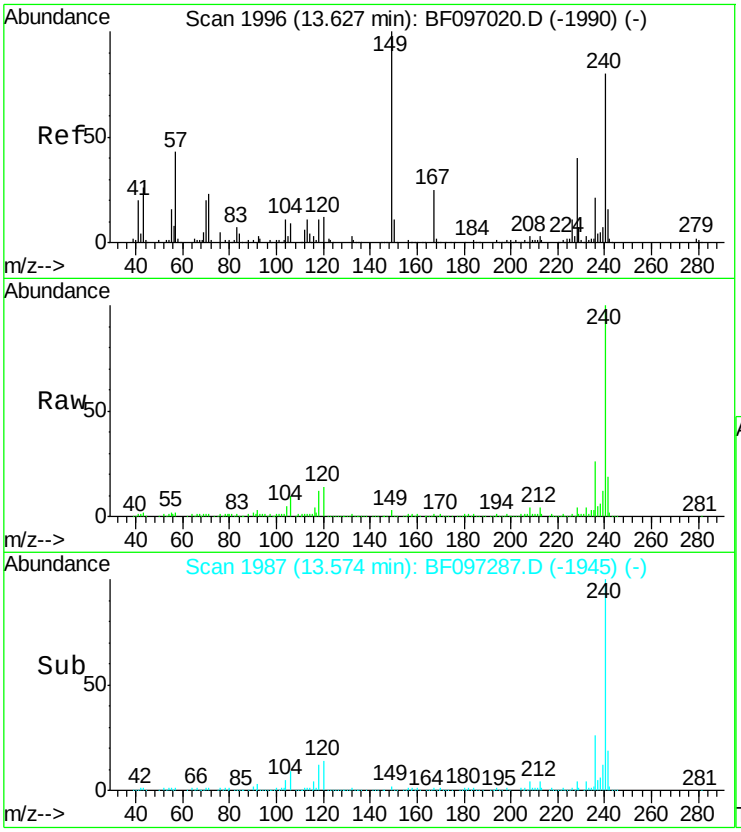


#74
Fluoranthene
Concen: 7.67 ng
RT: 12.16 min Scan# 1746
Delta R.T. -0.05 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion:202 Resp: 118859

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	33.2
203	17.2	0.0	38.1



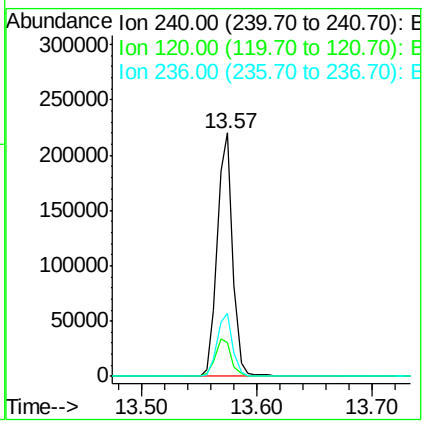


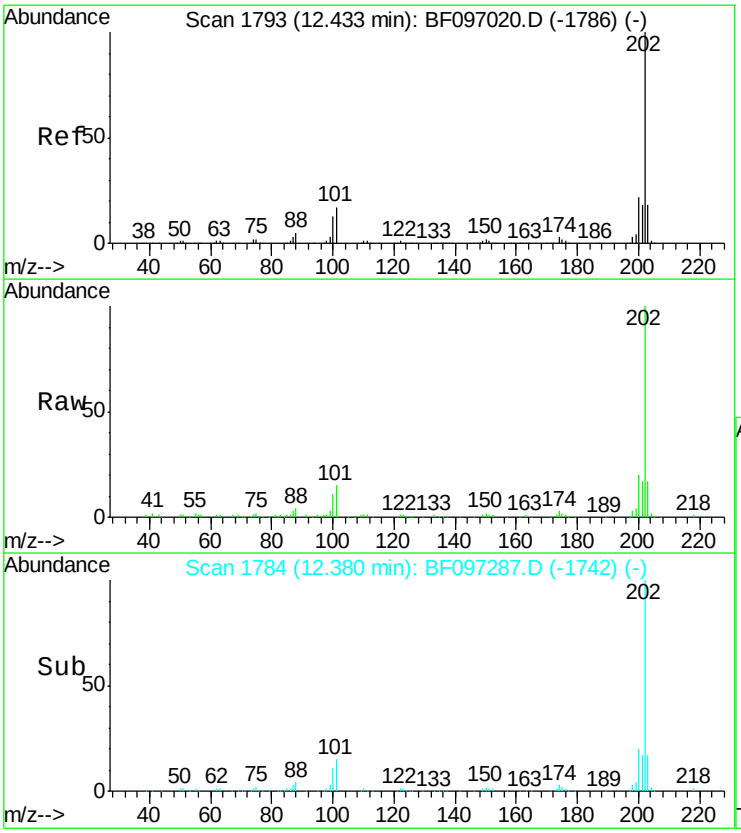
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.57 min Scan# 1987
Delta R.T. -0.05 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 203461

Ion	Ratio	Lower	Upper
240	100		
120	13.9	5.8	8.8#
236	25.7	20.5	30.7

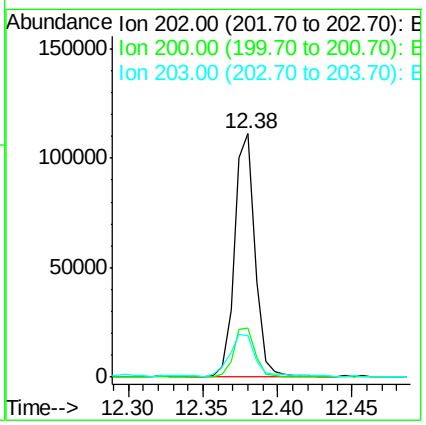


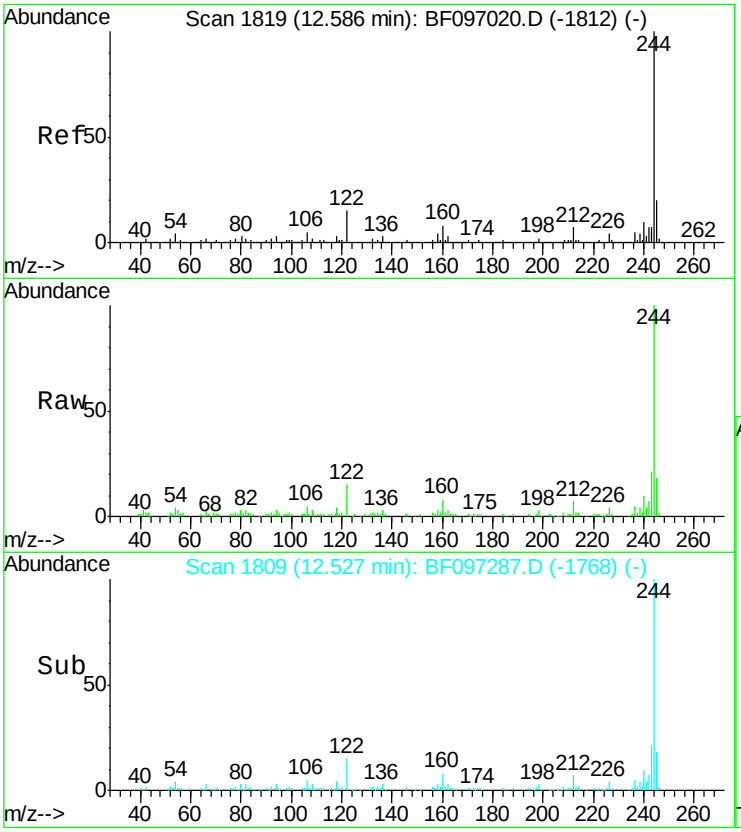


#77
Pyrene
Concen: 6.48 ng
RT: 12.38 min Scan# 1784
Delta R.T. -0.05 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion:202 Resp: 108008

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	16.9	14.4	21.6



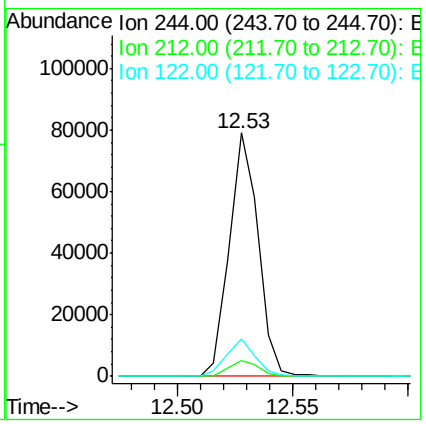


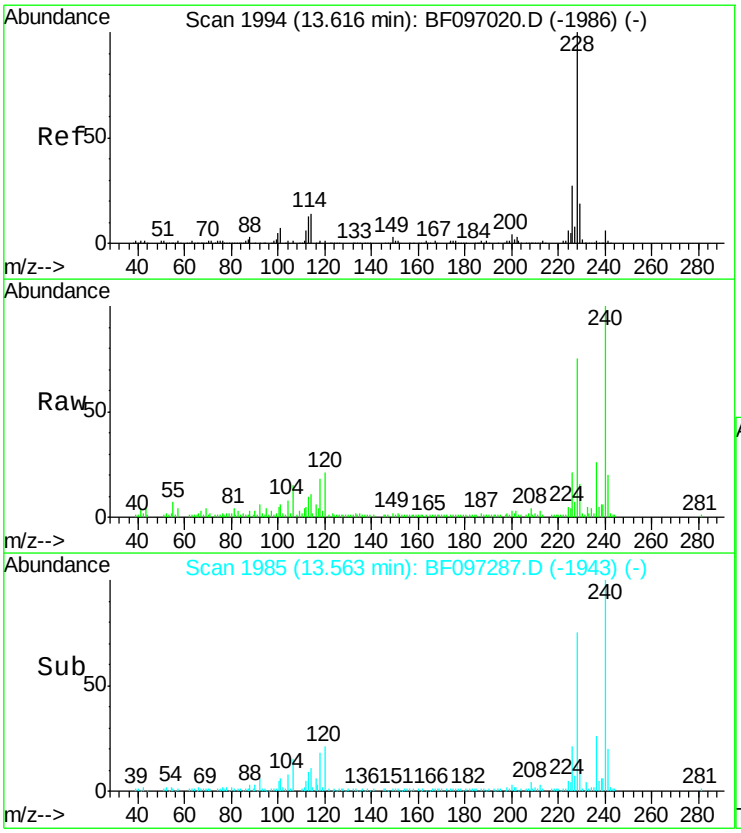
#78
Terphenyl-d14
Concen: 6.89 ng
RT: 12.53 min Scan# 1809
Delta R.T. -0.06 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:244 Resp: 68784

Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	15.3	10.3	15.5

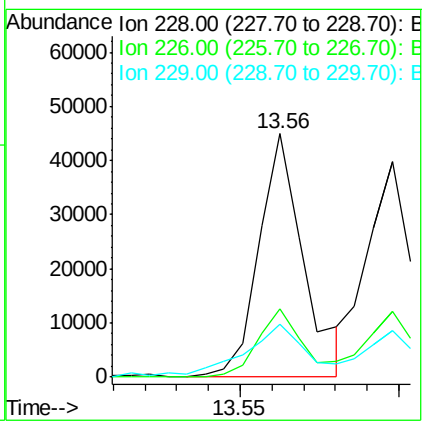


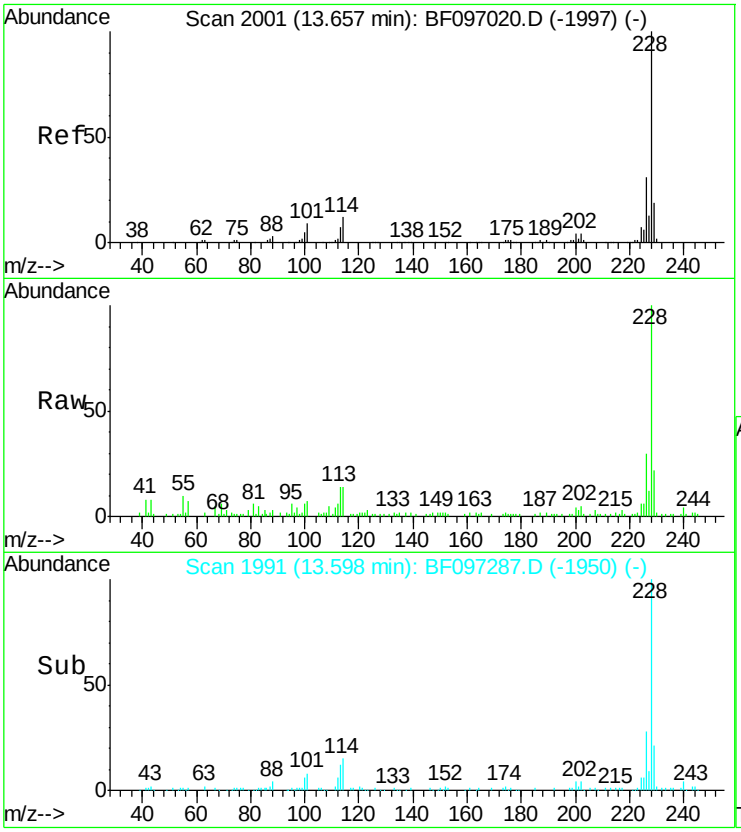


#80
Benzo(a)anthracene
Concen: 3.34 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.05 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion:228 Resp: 43975

Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	33.8
229	21.8	16.3	24.5



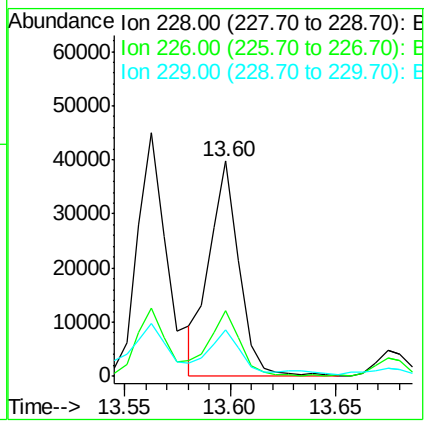


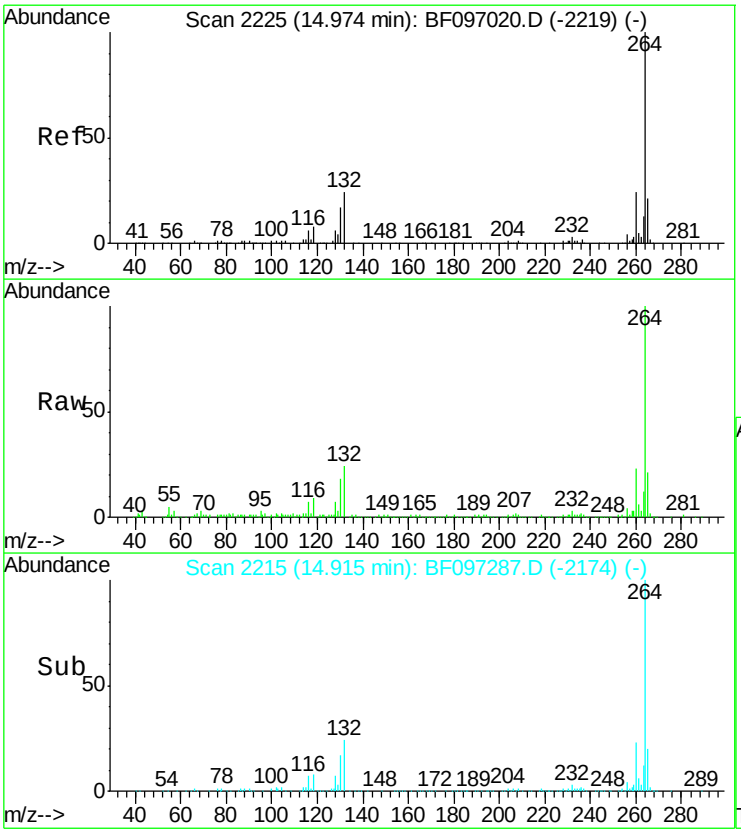
#82
Chrysene
Concen: 3.06 ng
RT: 13.60 min Scan# 1991
Delta R.T. -0.06 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 39372

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	21.6	15.8	23.6

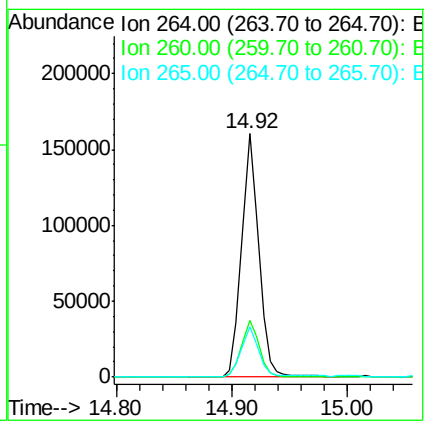


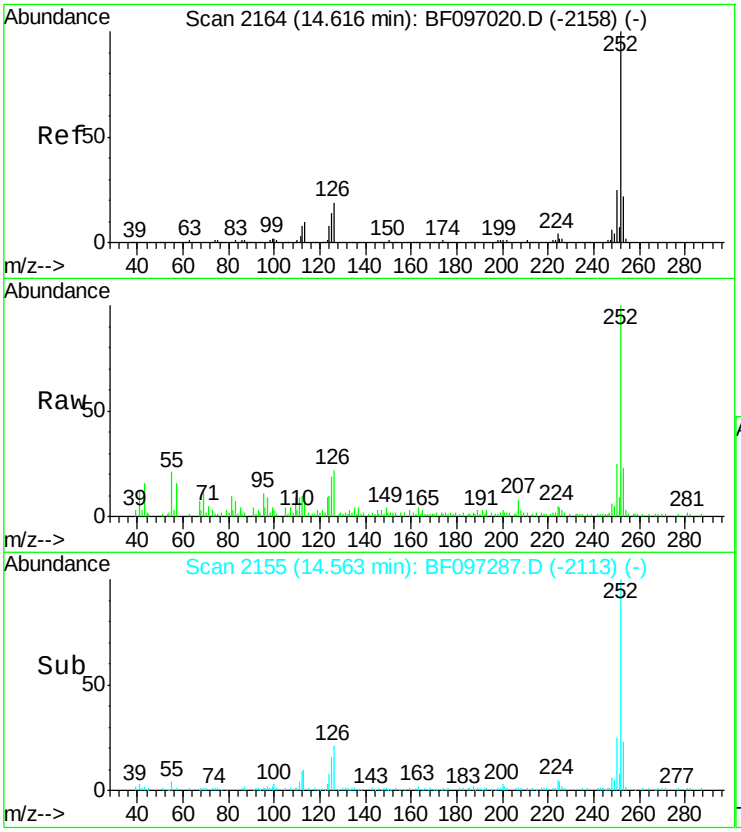


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.06 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion:264 Resp: 168752

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	20.7	17.2	25.8



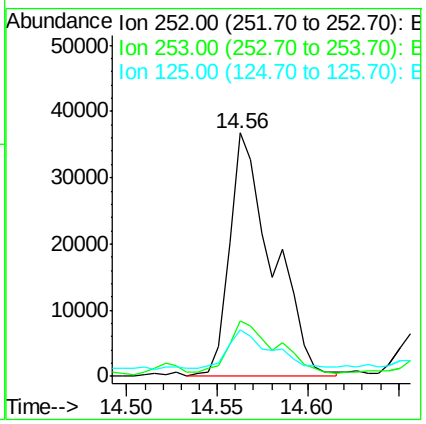


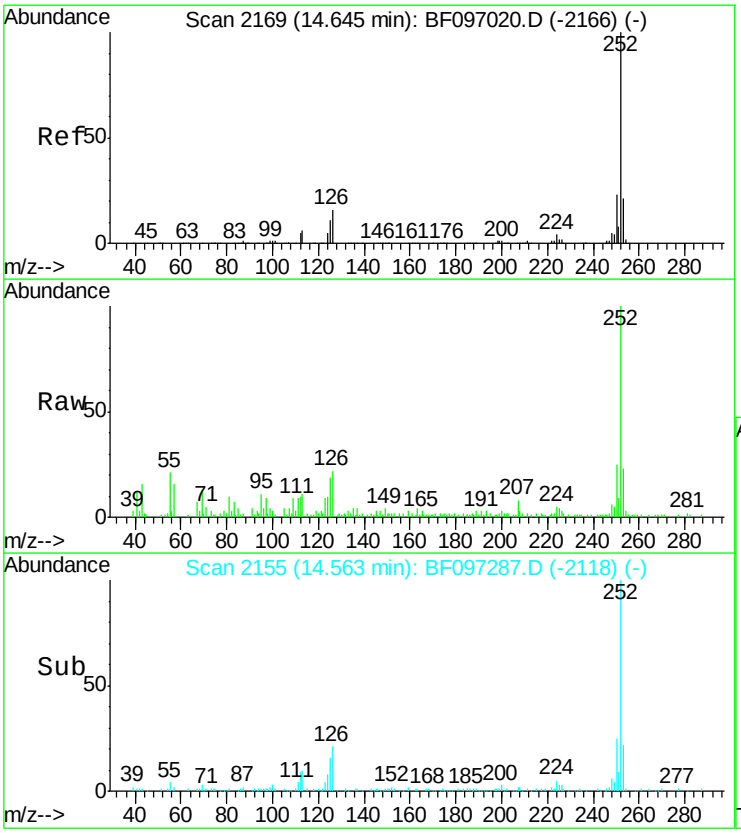
#87
Benzo(b)fluoranthene
Concen: 5.95 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.05 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 60356

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	19.0	9.8	14.8#

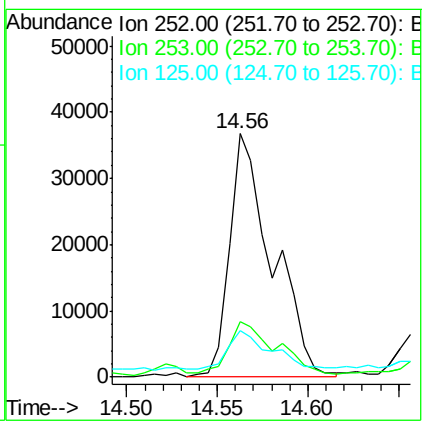


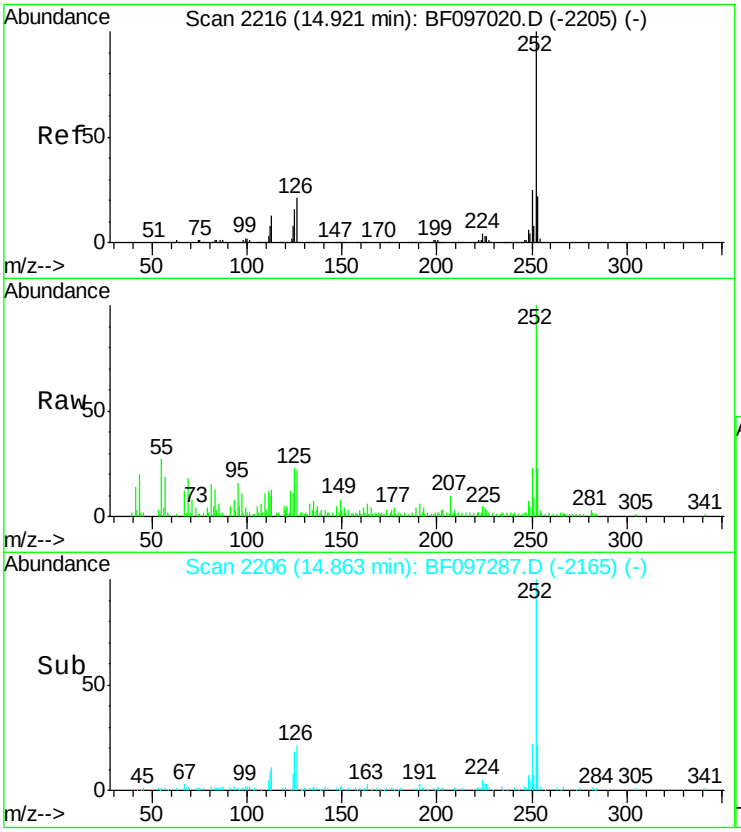


#88
Benzo(k)fluoranthene
Concen: 6.24 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.08 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion:252 Resp: 60356

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	19.0	13.1	19.7



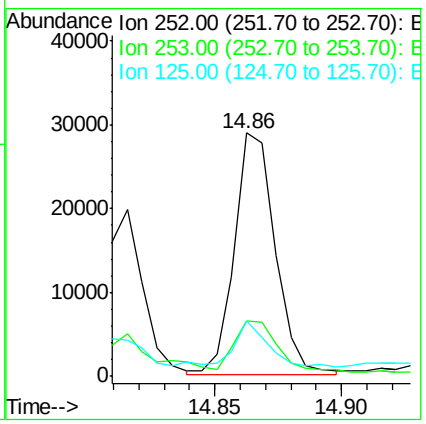


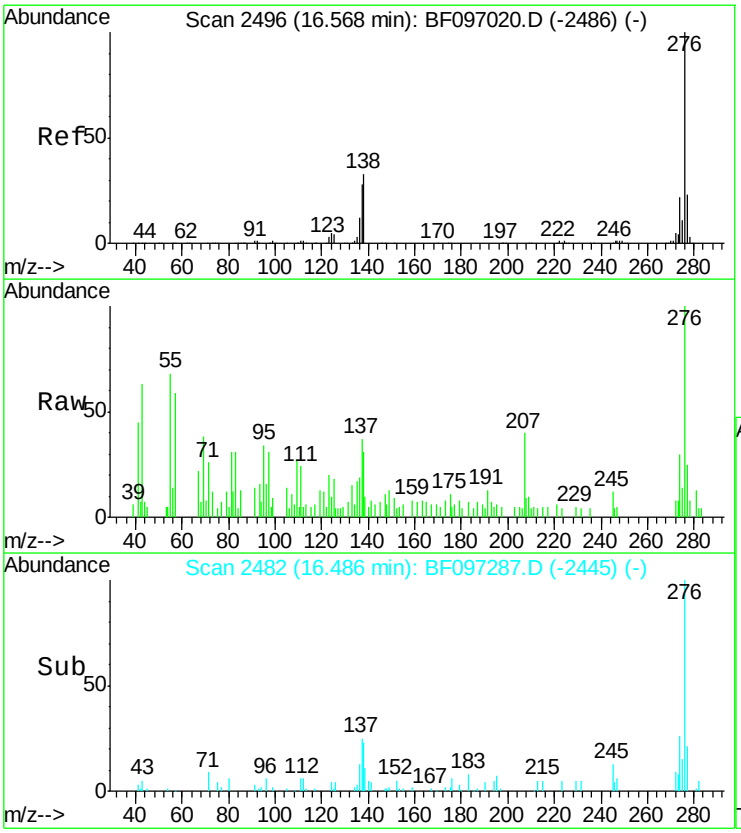
#89
Benzo(a)pyrene
Concen: 3.49 ng
RT: 14.86 min Scan# 2206
Delta R.T. -0.06 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 32376

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	22.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.08 ng
RT: 16.49 min Scan# 2482
Delta R.T. -0.08 min
Lab File: BF097287.D
Acq: 2 Aug 2017 21:39

Tgt Ion:276 Resp: 16635

Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.6	28.0
138	41.4	25.4	38.0#