Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081017\
Data File : BF097586.D
Acq On : 11 Aug 2017 5:04
Operator : SJ/JU
Sample : I4677-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-F10-ESW

Quant Time: Aug 11 07:19:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 07 16:02:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	105152	20.00	ng		-0.02
21) Naphthalene-d8	7.67	136	372923	20.00	ng		-0.02
38) Acenaphthene-d10	9.42	164	156249	20.00	ng		-0.02
63) Phenanthrene-d10	10.89	188	205410	20.00	ng		-0.02
75) Chrysene-d12	13.52	240	189931	20.00	ng		-0.02
86) Perylene-d12	14.86	264	174852	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.99	112	145649	20.88	ng		-0.01
7) Phenol-d6	6.07	99	202923	25.48	ng		-0.01
23) Nitrobenzene-d5	6.97	82	111589	17.55	ng		-0.02
41) 2,4,6-Tribromophenol	10.21	330	21132	17.12	ng		-0.02
44) 2-Fluorobiphenyl	8.75	172	149490	16.24	ng		-0.02
78) Terphenyl-d14	12.47	244	81783	8.78	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.97	70	15431	2.94	ng	#	86
25) Isophorone	6.97	82	111589	8.96	ng	#	67
49) Dimethylphthalate	9.16	163	25033	2.11	ng		99
50) 2,6-Dinitrotoluene	9.42	165	20132	8.00	ng	#	34
56) 2,4-Dinitrotoluene	9.42	165	20132	6.96	ng	#	33
70) Phenanthrene	10.92	178	117769	10.70	ng		98
71) Anthracene	10.97	178	35160	3.12	ng		96
74) Fluoranthene	12.10	202	193750	17.97	ng		98
77) Pyrene	12.32	202	183387	11.79	ng		98
80) Benzo(a)anthracene	13.51	228	110321	8.98	ng		99
82) Chrysene	13.54	228	102854	8.57	ng		98
85) Indeno(1,2,3-cd)pyrene	16.05	276	44937	4.37	ng		98
87) Benzo(b)fluoranthene	14.52	252	208781	19.86	ng	#	96
88) Benzo(k)fluoranthene	14.52	252	208781	20.85	ng		98
89) Benzo(a)pyrene	14.81	252	94438	9.82	ng	#	95
91) Benzo(g,h,i)perylene	16.40	276	40558	4.90	ng	#	91

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

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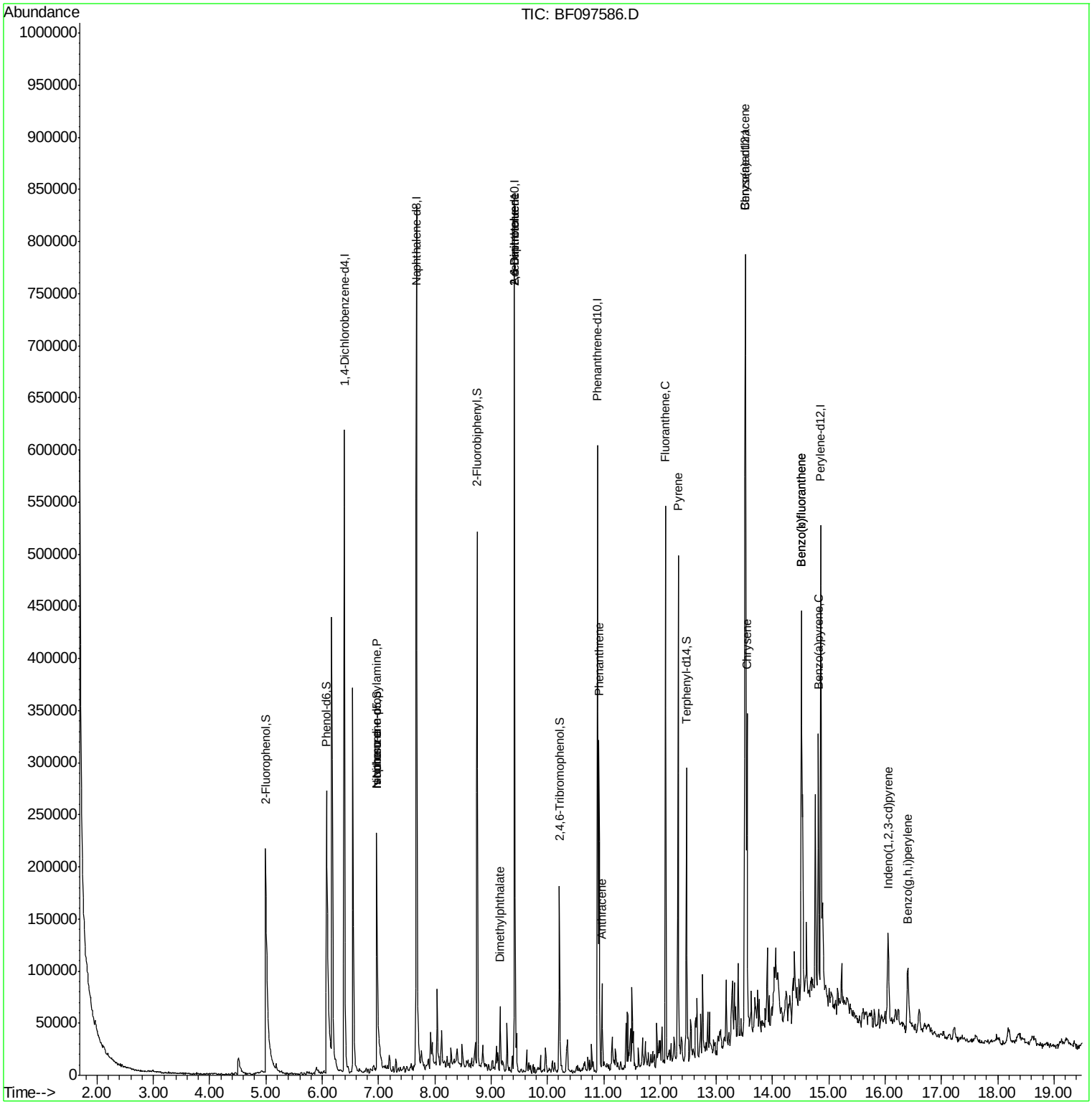
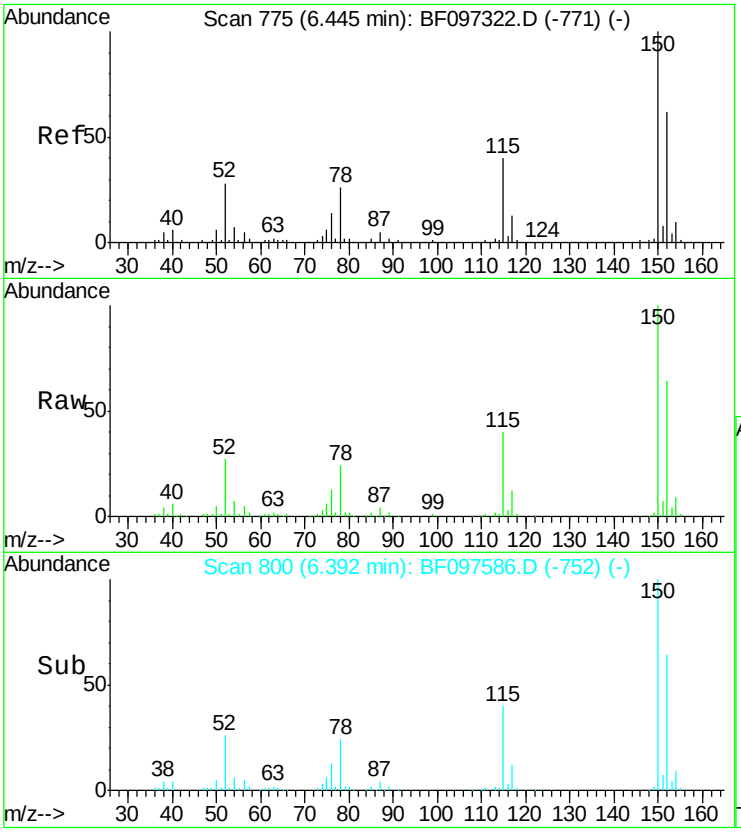


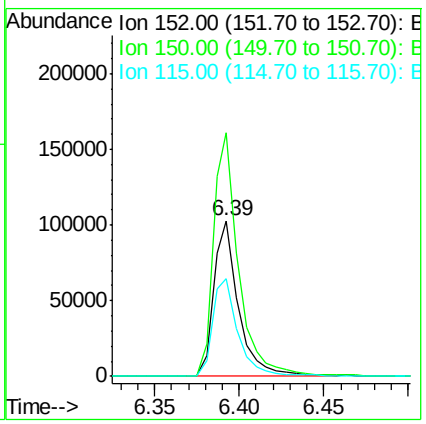


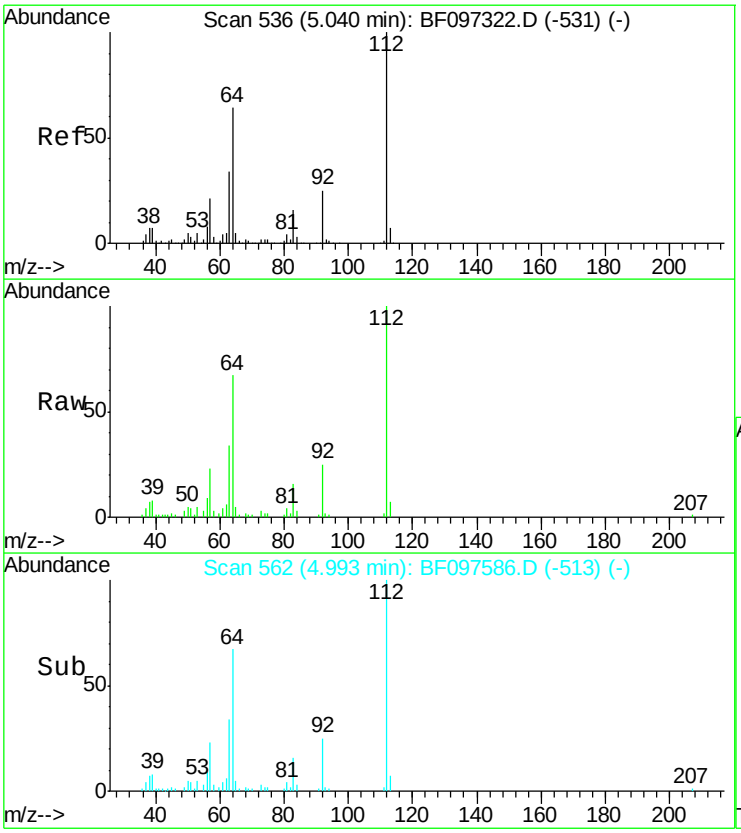
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.39 min Scan# 800
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:152 Resp: 105152

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.2	189.2
115	63.1	52.2	78.2

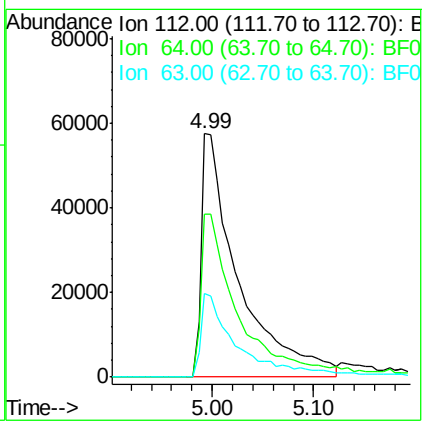


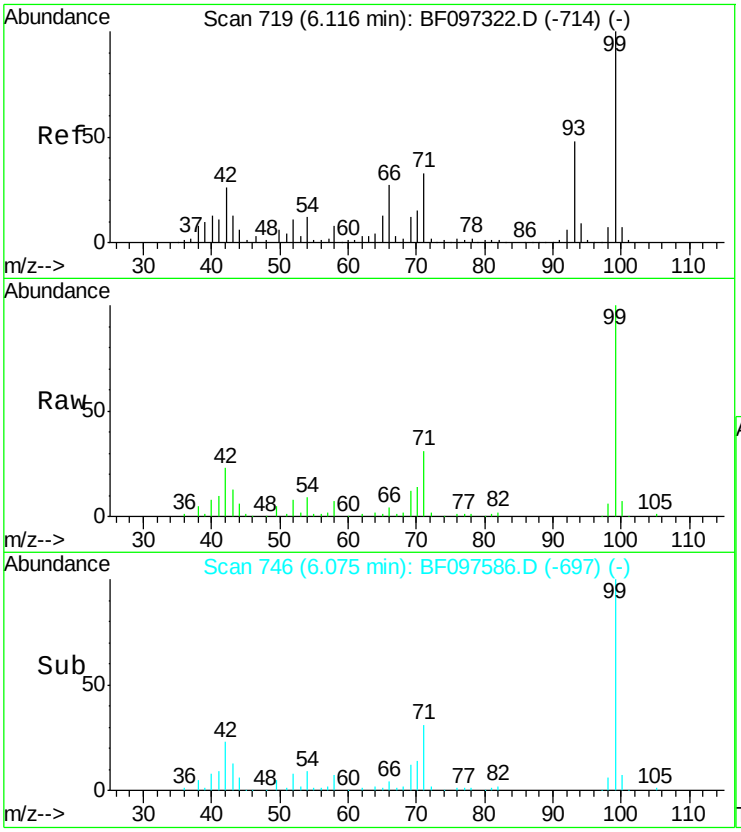


#5
2-Fluorophenol
Concen: 20.88 ng
RT: 4.99 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:112 Resp: 145649

Ion	Ratio	Lower	Upper
112	100		
64	67.2	46.0	69.0
63	34.3	23.4	35.0



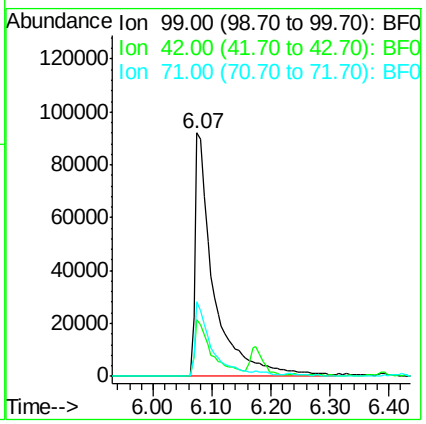


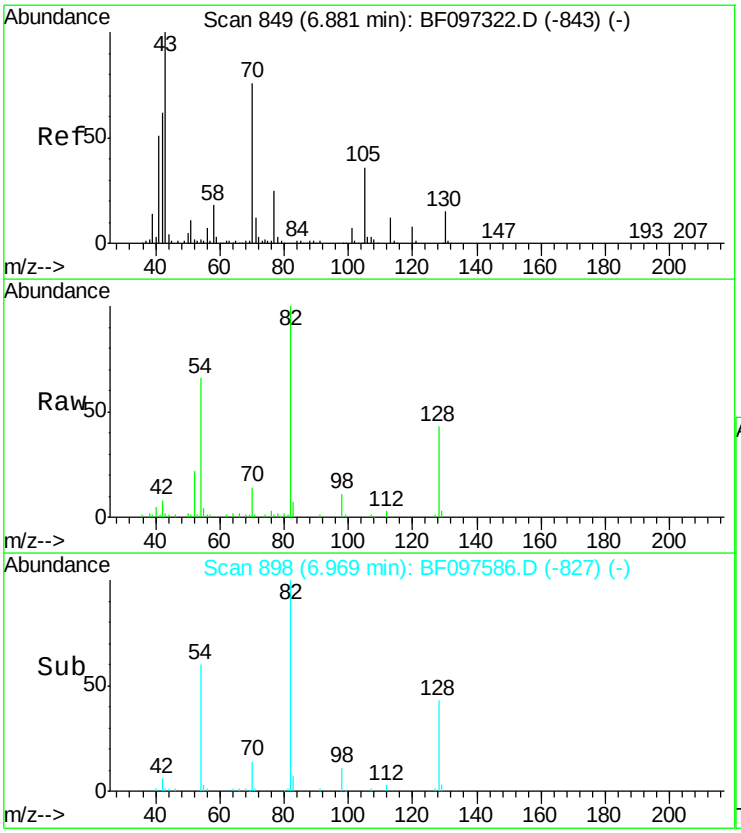
#7
Phenol-d6
Concen: 25.48 ng
RT: 6.07 min Scan# 746
Delta R.T. -0.01 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion: 99 Resp: 202923

Ion	Ratio	Lower	Upper
99	100		
42	23.2	13.5	20.3#
71	30.6	24.5	36.7

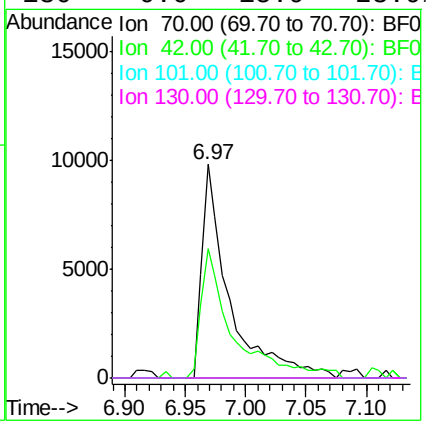


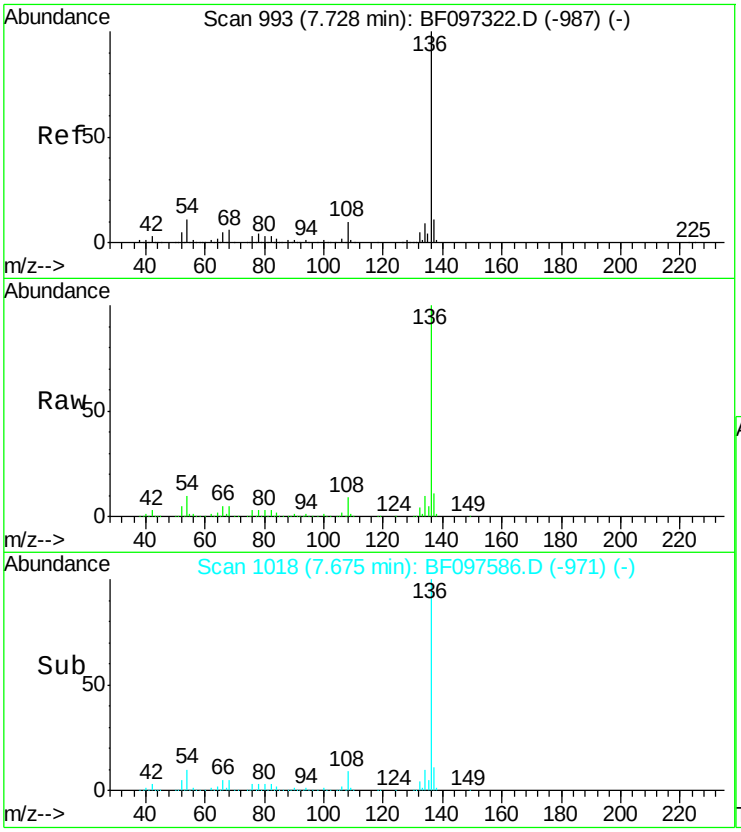


#19
n-Nitroso-di-n-propylamine
Concen: 2.94 ng
RT: 6.97 min Scan# 898
Delta R.T. 0.12 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion: 70 Resp: 15431

Ion	Ratio	Lower	Upper
70	100		
42	60.5	47.2	70.8
101	0.0	7.2	10.8#
130	0.0	15.9	23.9#



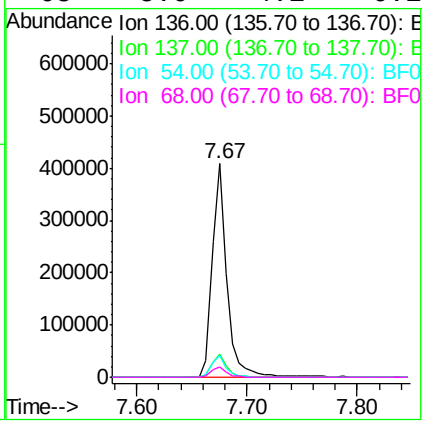


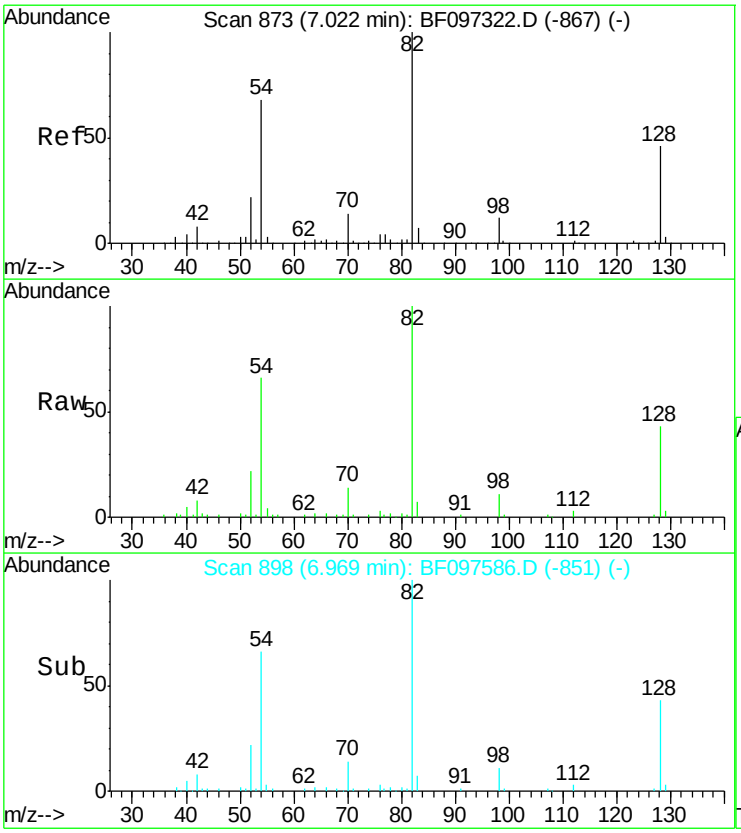
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.67 min Scan# 1018
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:136 Resp: 372923

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.2	4.9	7.3#
68	5.0	4.1	6.1

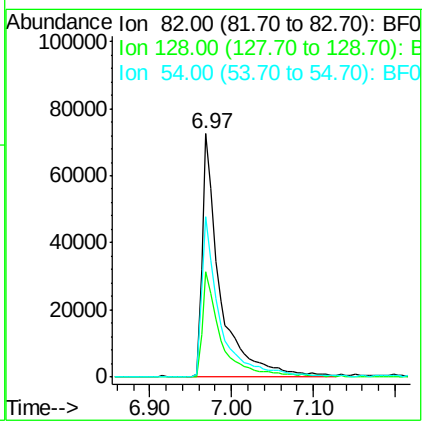


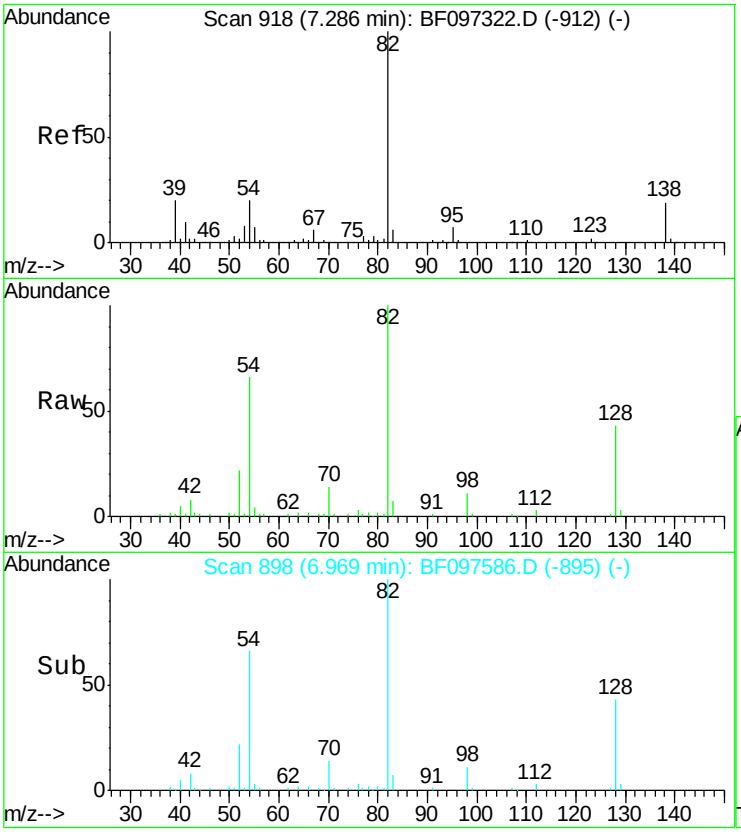


#23
Nitrobenzene-d5
Concen: 17.55 ng
RT: 6.97 min Scan# 898
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion: 82 Resp: 111589

Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	65.9	42.2	63.2#



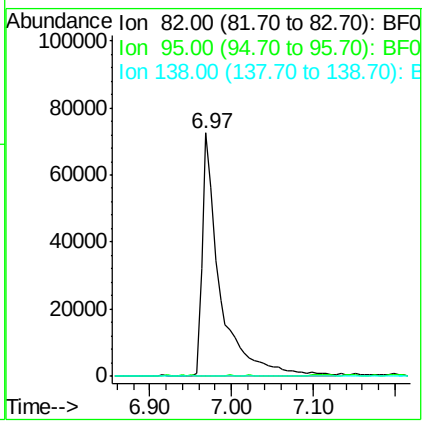


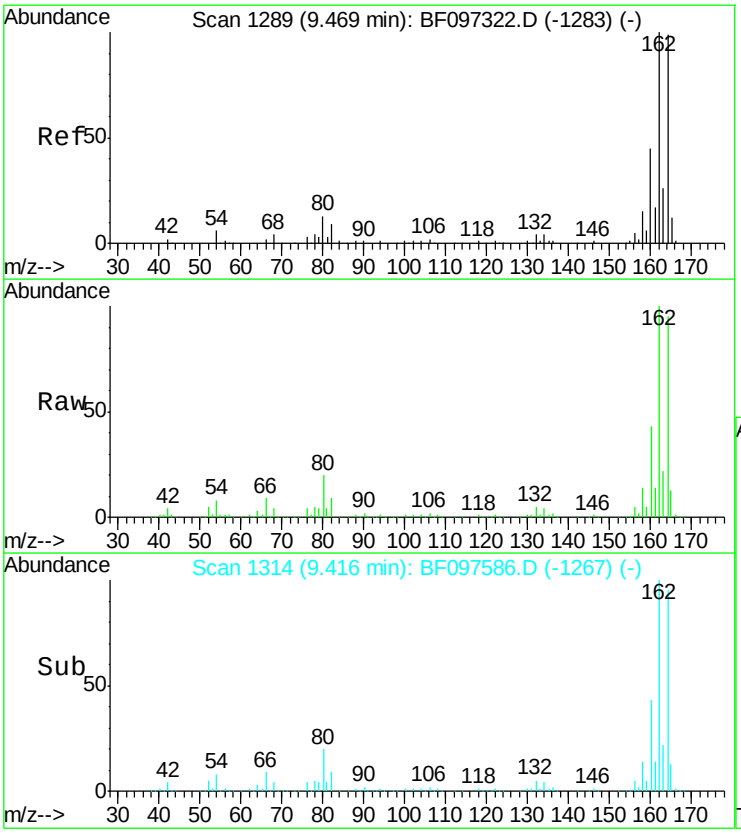
#25
Isophorone
Concen: 8.96 ng
RT: 6.97 min Scan# 898
Delta R.T. -0.28 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion: 82 Resp: 111589

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

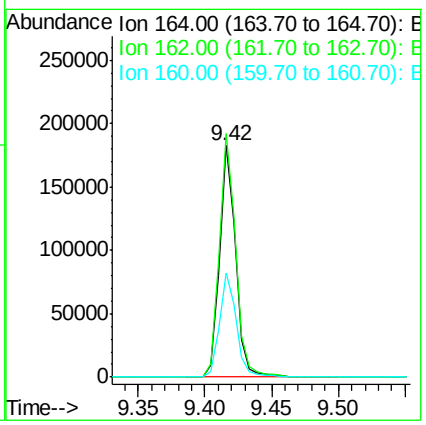


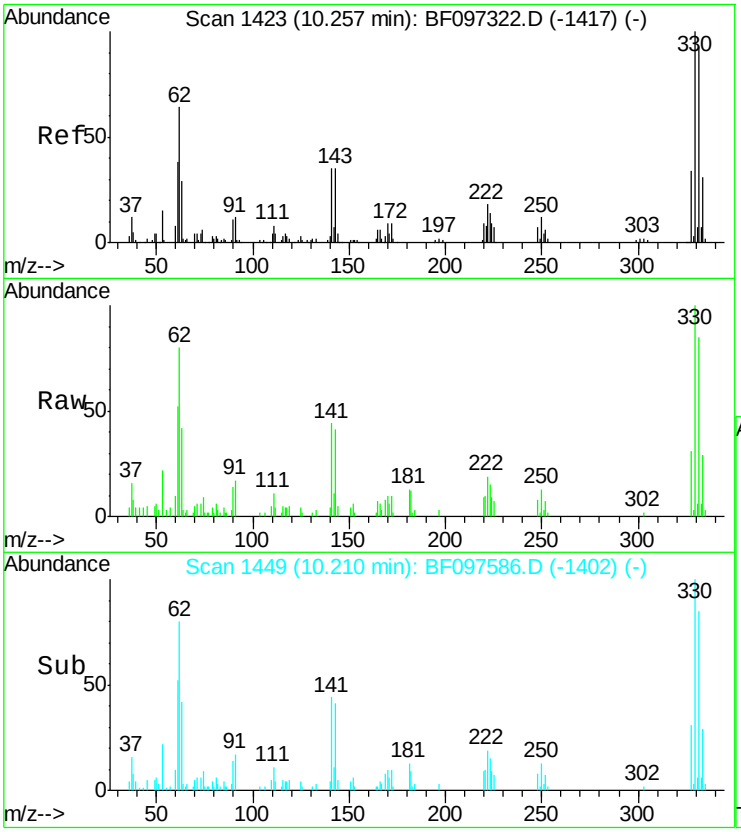


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:164 Resp: 156249

Ion	Ratio	Lower	Upper
164	100		
162	105.2	82.6	123.8
160	45.1	36.2	54.2



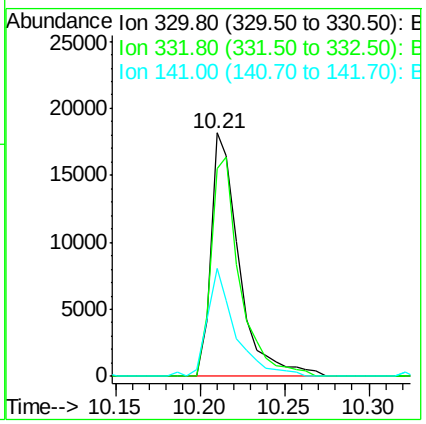


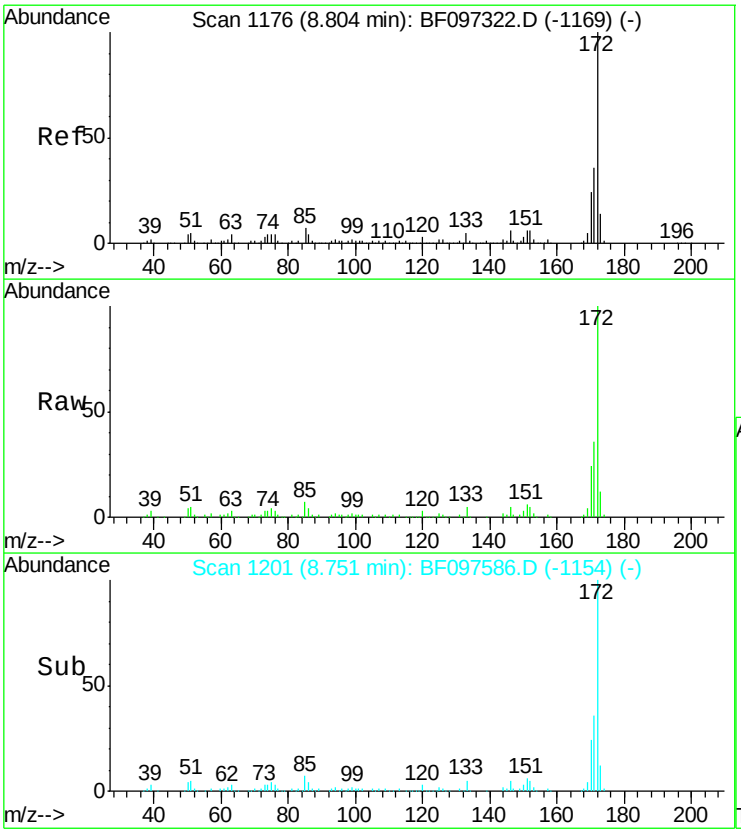
#41
2,4,6-Tribromophenol
Concen: 17.12 ng
RT: 10.21 min Scan# 1449
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:330 Resp: 21132

Ion	Ratio	Lower	Upper
330	100		
332	92.3	76.6	115.0
141	44.4	31.4	47.2

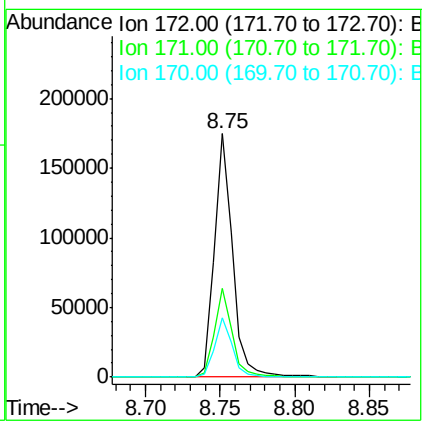


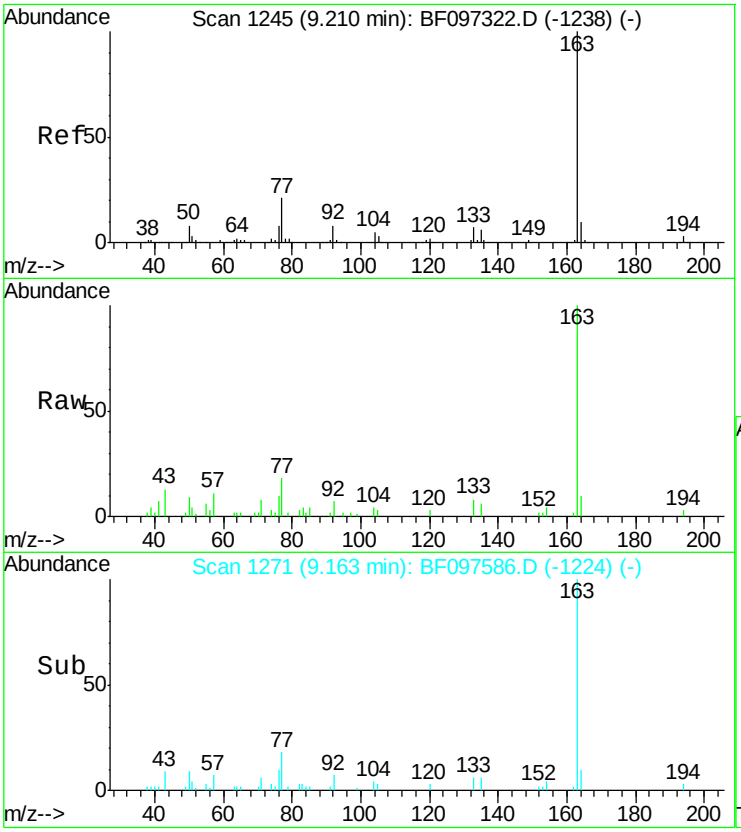


#44
2-Fluorobiphenyl
Concen: 16.24 ng
RT: 8.75 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:172 Resp: 149490

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.1	19.8	29.8



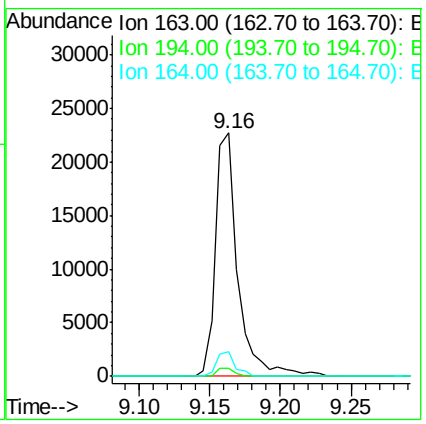


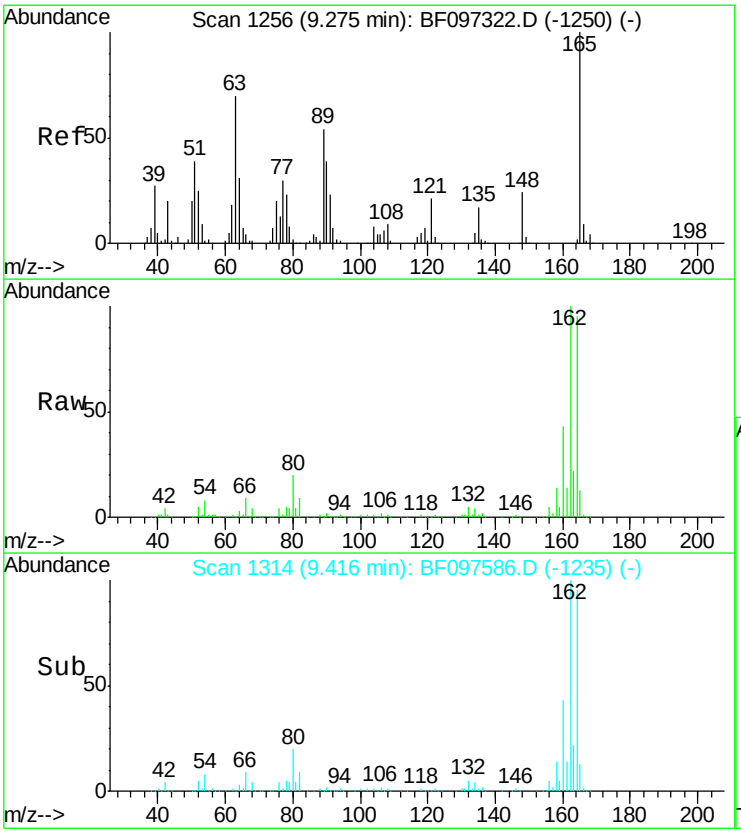
#49
Dimethylphthalate
Concen: 2.11 ng
RT: 9.16 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:163 Resp: 25033

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.0	8.4	12.6

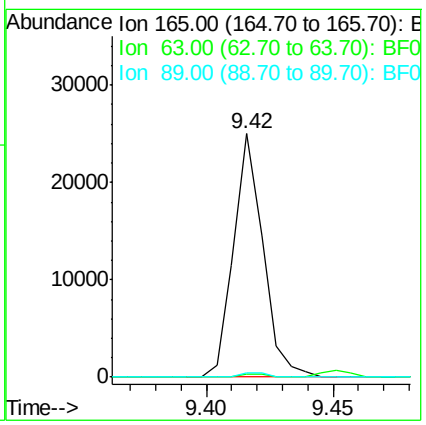


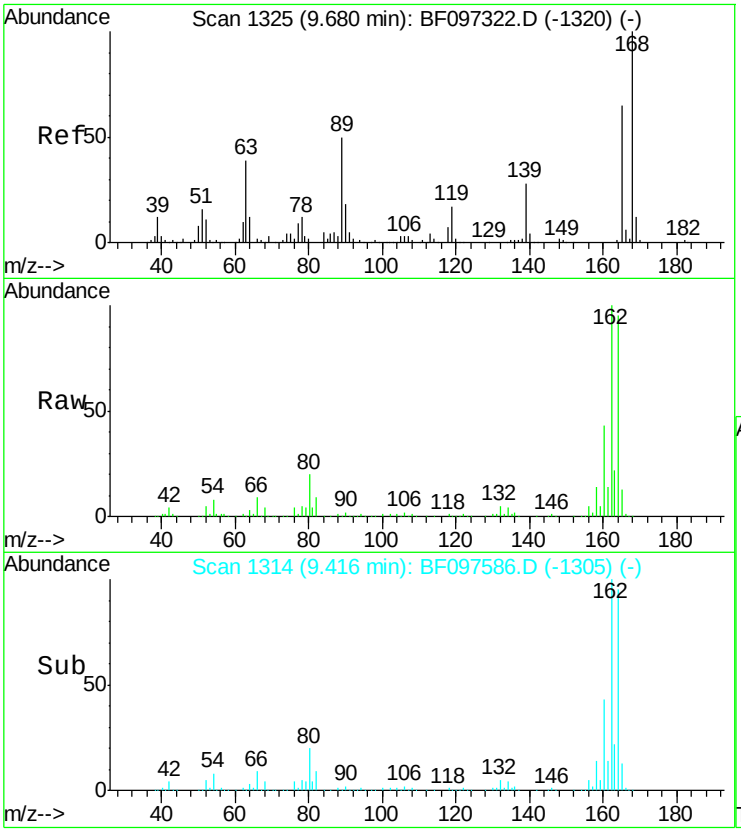


#50
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.42 min Scan# 1314
Delta R.T. 0.16 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:165 Resp: 20132

Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.3	51.5#
89	1.8	37.1	55.7#



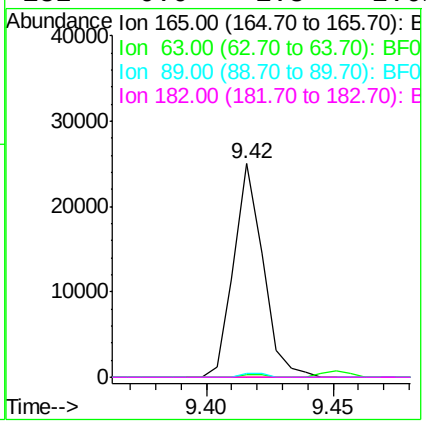


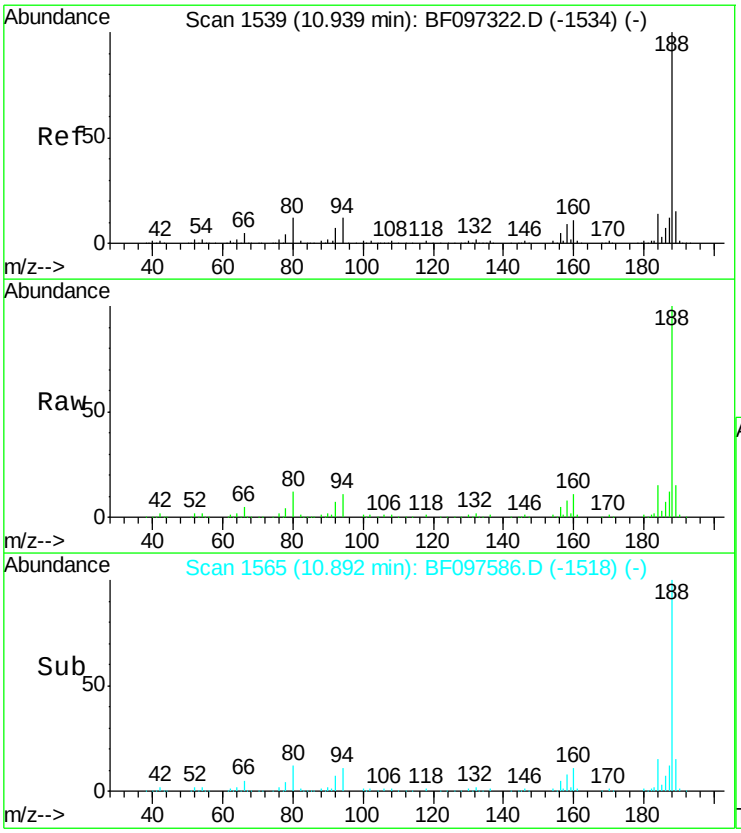
#56
2,4-Dinitrotoluene
Concen: 6.96 ng
RT: 9.42 min Scan# 1314
Delta R.T. -0.25 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:165 Resp: 20132

Ion	Ratio	Lower	Upper
165	100		
63	1.4	25.4	38.0#
89	1.8	46.4	69.6#
182	0.0	1.8	2.6#

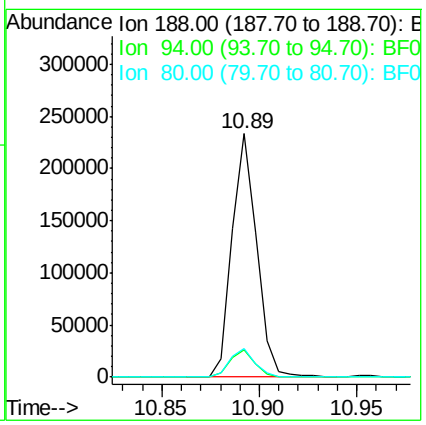


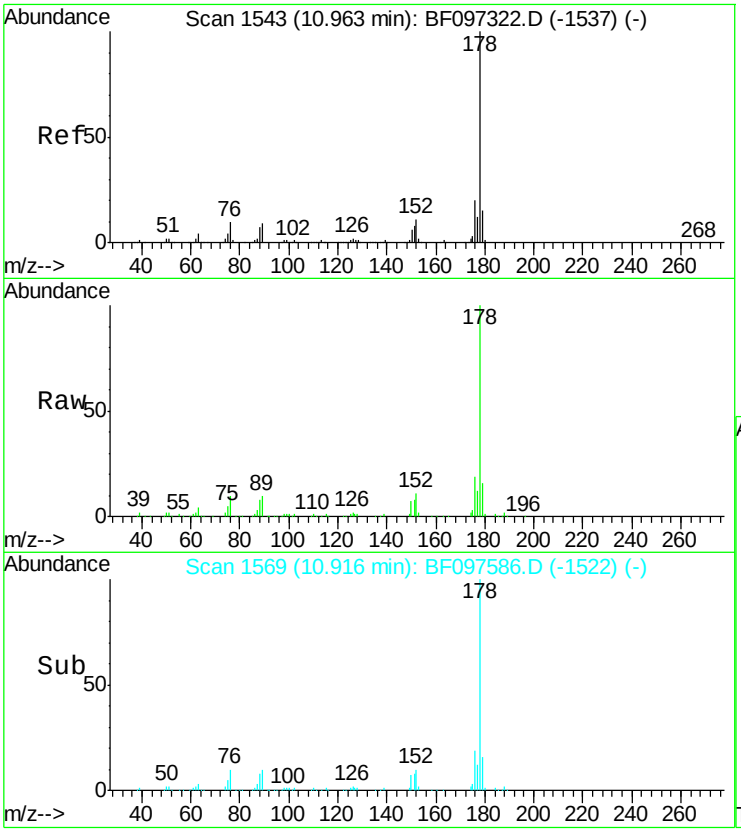


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.89 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:188 Resp: 205410

Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.8	10.2	15.2



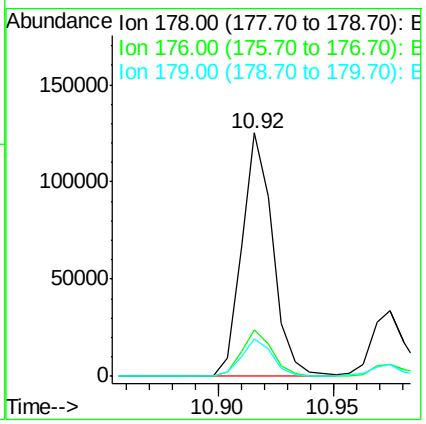


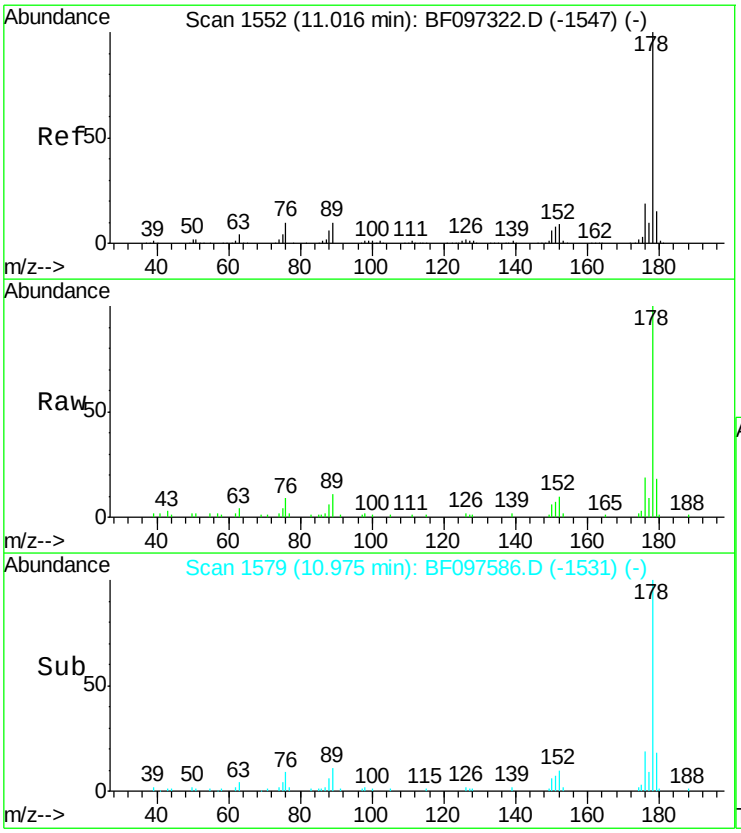
#70
Phenanthrene
Concen: 10.70 ng
RT: 10.92 min Scan# 1569
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:178 Resp: 117769

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	15.6	12.6	19.0

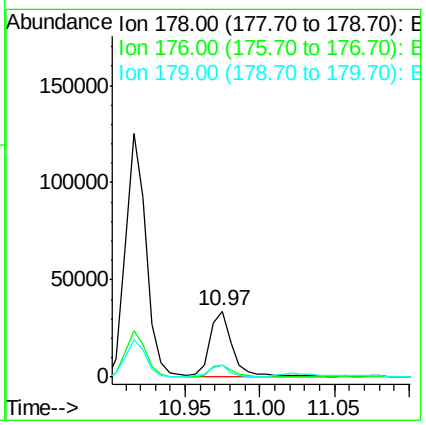


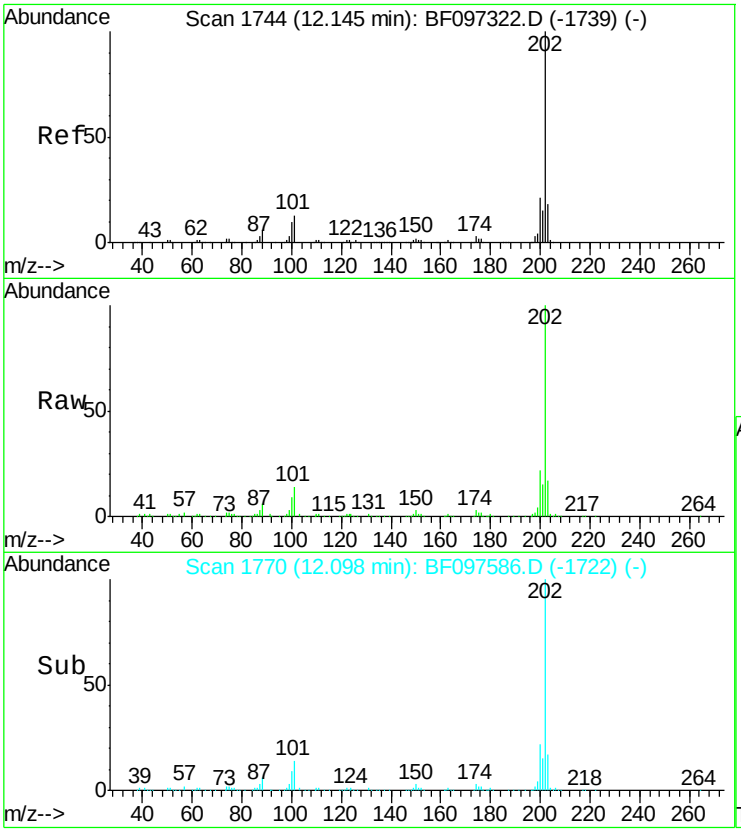


#71
Anthracene
Concen: 3.12 ng
RT: 10.97 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:178 Resp: 35160

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	18.1	12.7	19.1



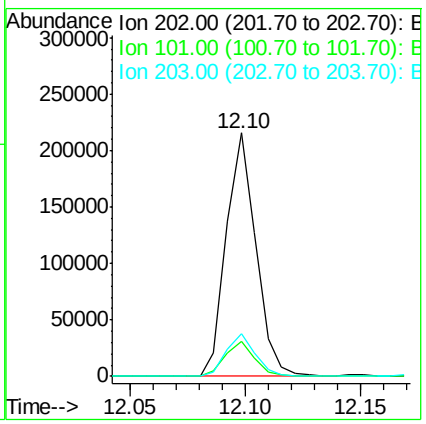


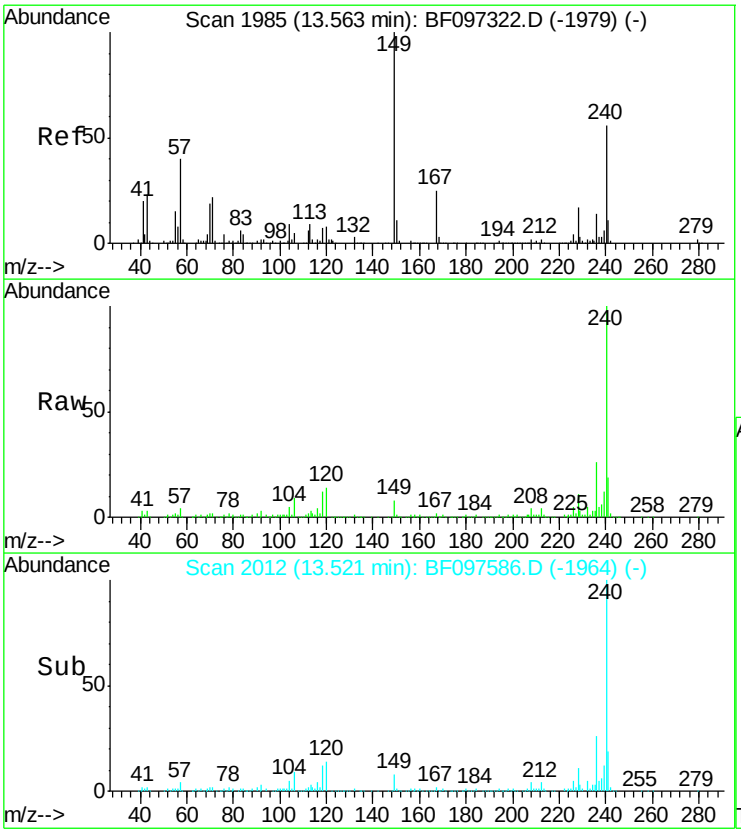
#74
Fluoranthene
Concen: 17.97 ng
RT: 12.10 min Scan# 1770
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:202 Resp: 193750

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	33.2
203	17.3	0.0	38.1

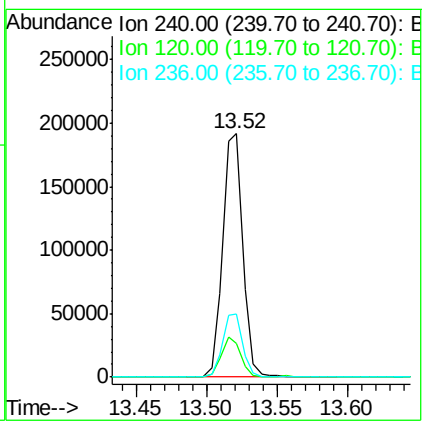


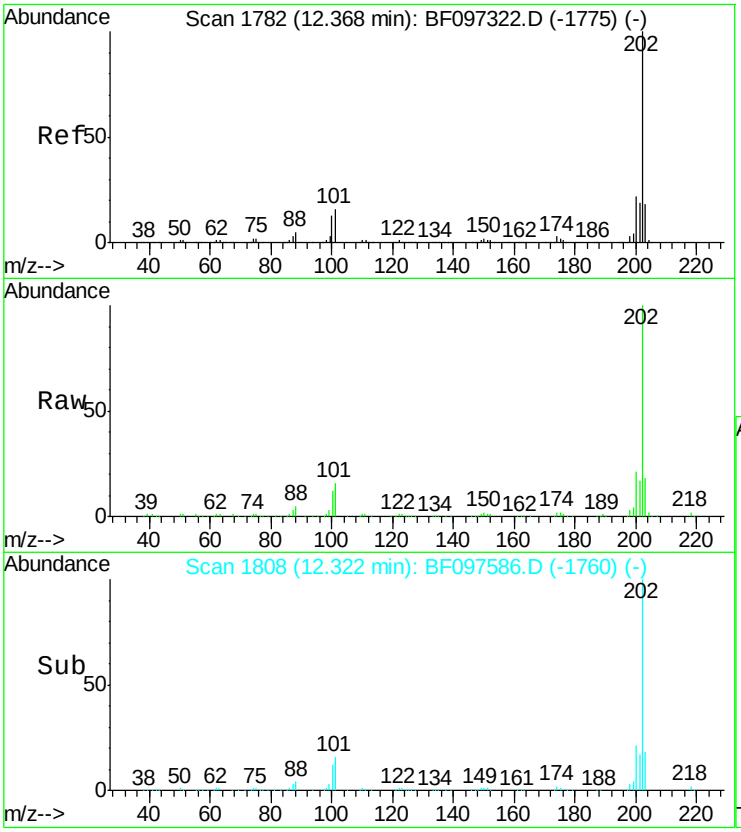


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.52 min Scan# 2012
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:240 Resp: 189931

Ion	Ratio	Lower	Upper
240	100		
120	13.7	5.8	8.8#
236	25.7	20.5	30.7



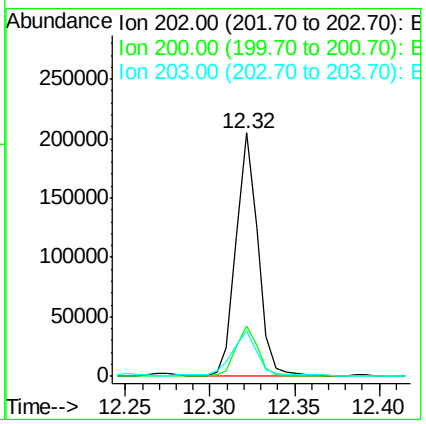


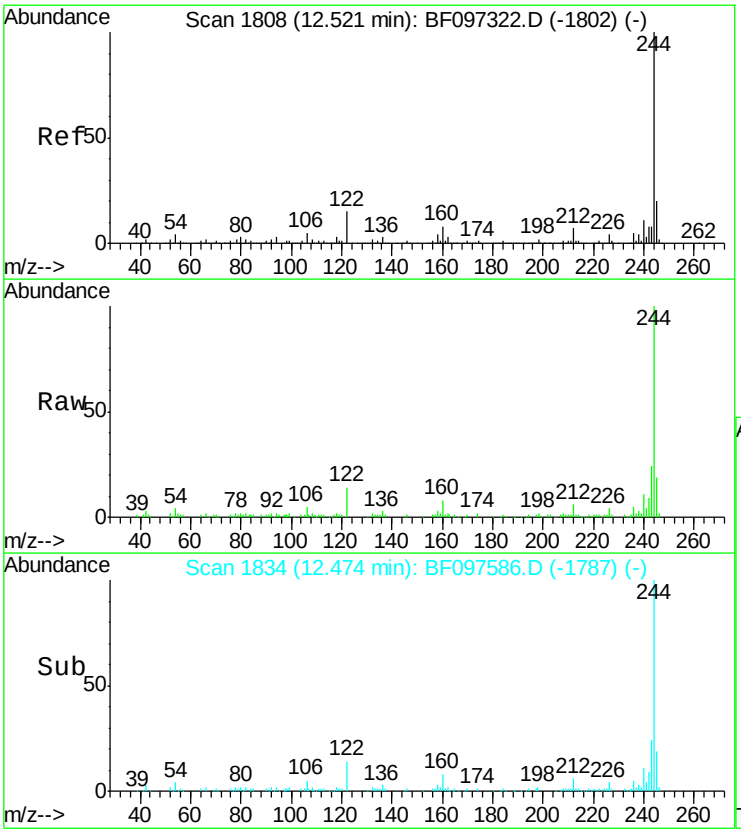
#77
Pyrene
Concen: 11.79 ng
RT: 12.32 min Scan# 1808
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:202 Resp: 183387

Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.6	26.4
203	18.5	14.4	21.6

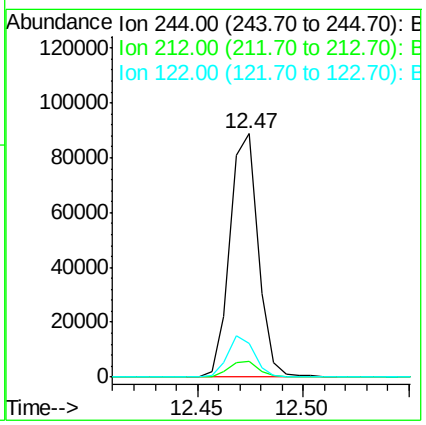


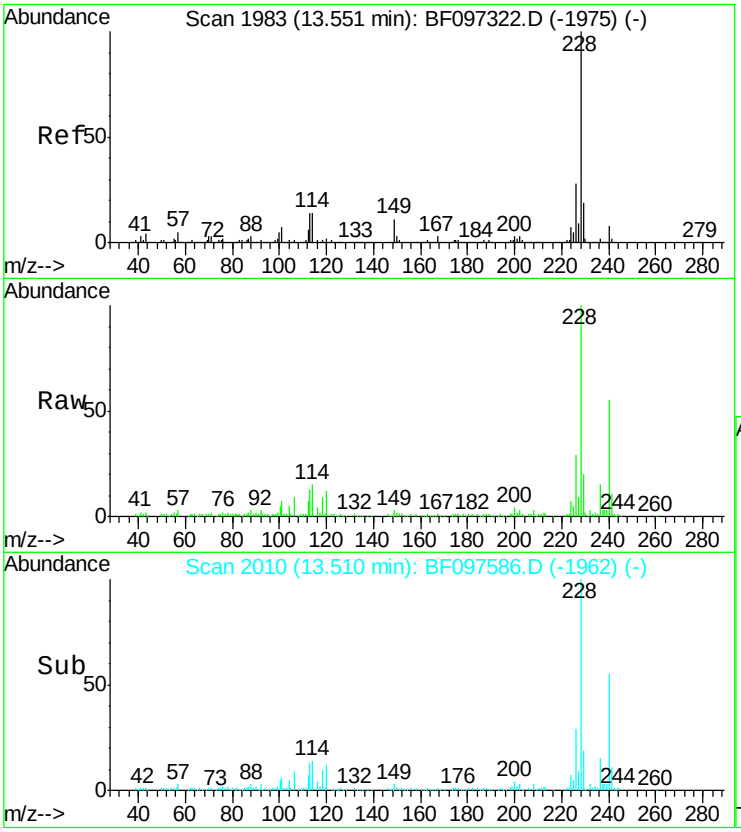


#78
Terphenyl-d14
Concen: 8.78 ng
RT: 12.47 min Scan# 1834
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:244 Resp: 81783

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.0	9.0
122	13.6	10.3	15.5



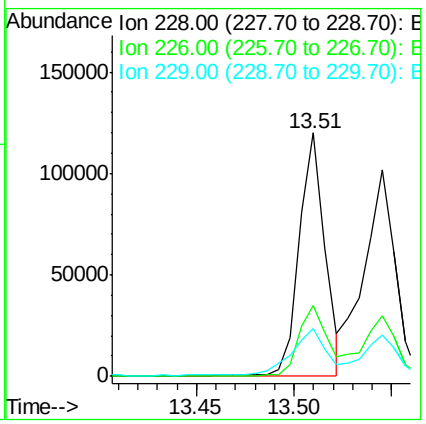


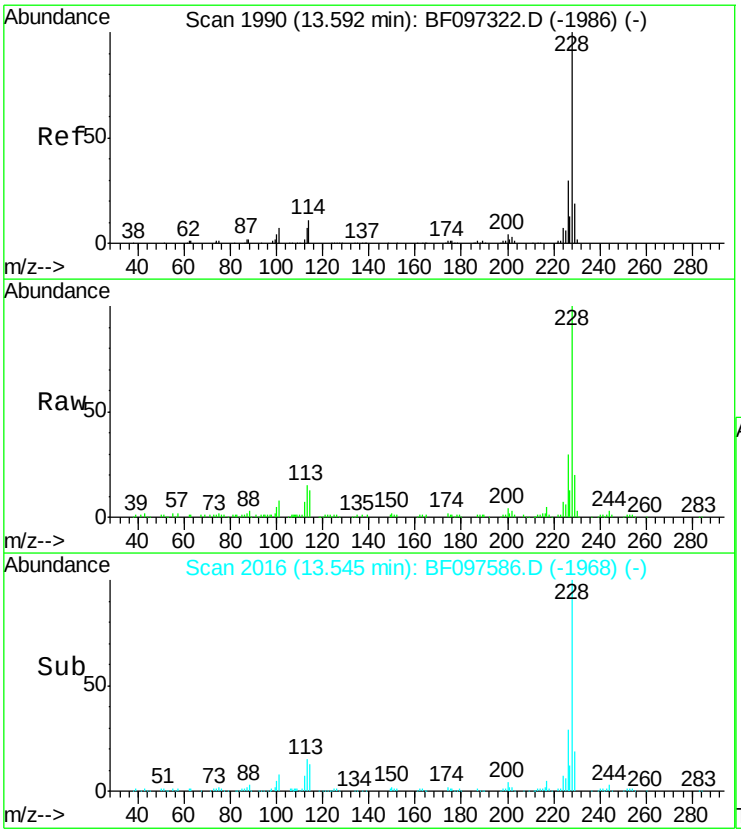
#80
Benzo(a)anthracene
Concen: 8.98 ng
RT: 13.51 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:228 Resp: 110321

Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	19.8	16.3	24.5

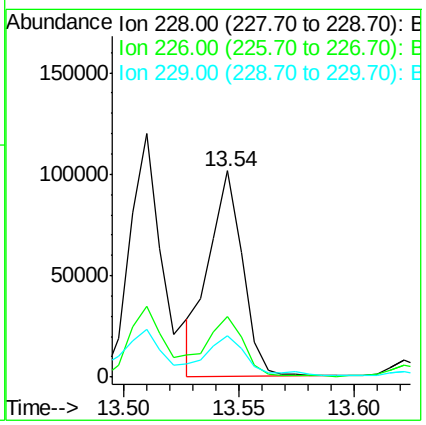


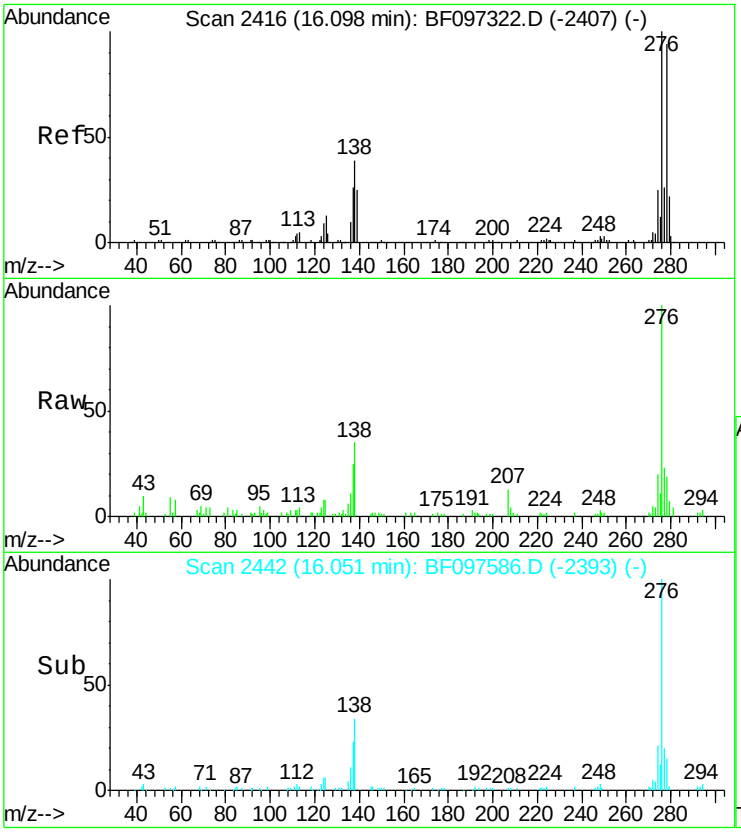


#82
Chrysene
Concen: 8.57 ng
RT: 13.54 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:228 Resp: 102854

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	20.2	15.8	23.6



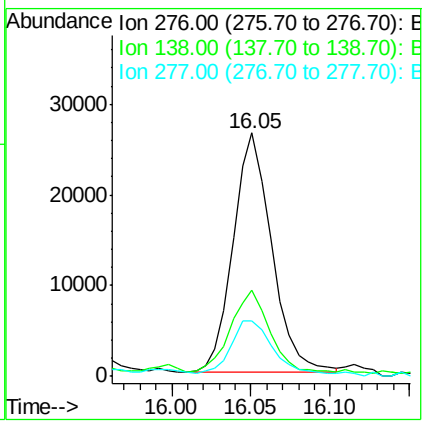


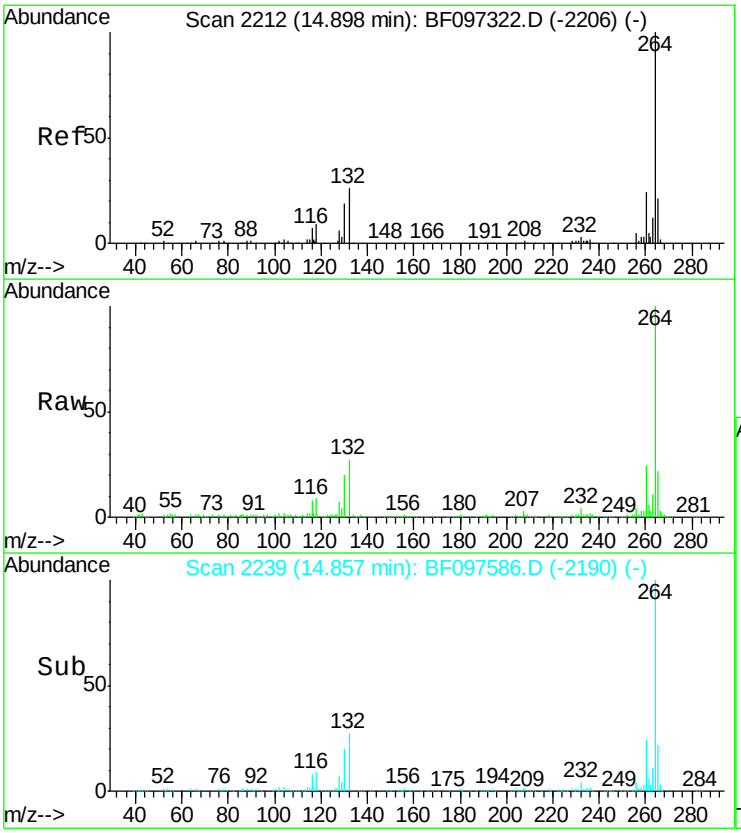
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.37 ng
RT: 16.05 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:276 Resp: 44937

Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	27.4	20.2	30.4

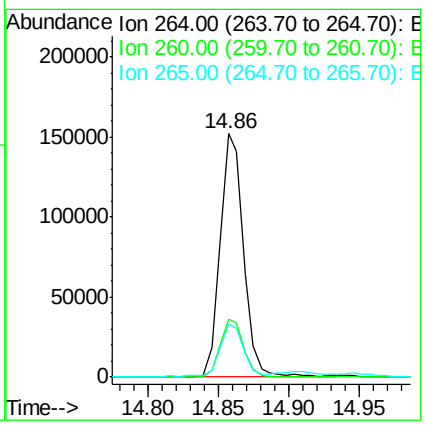


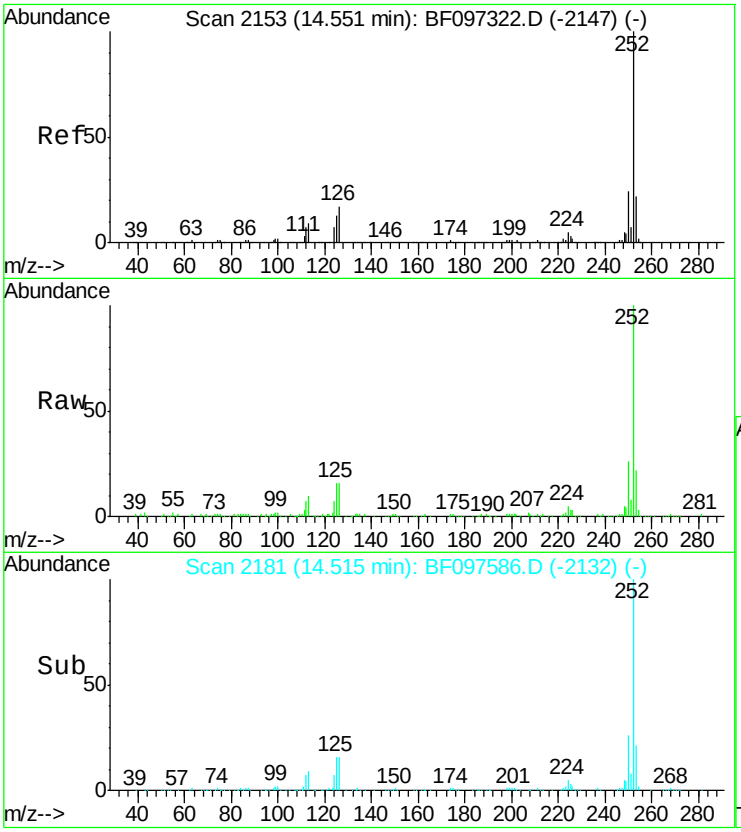


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:264 Resp: 174852

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.7	17.2	25.8



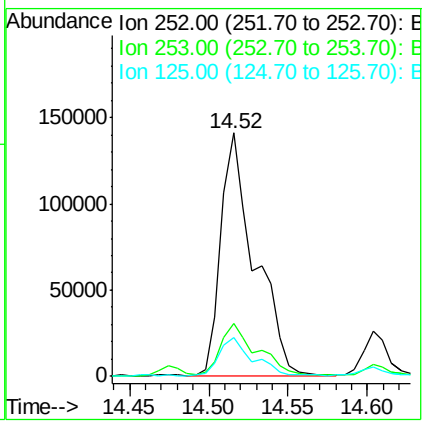


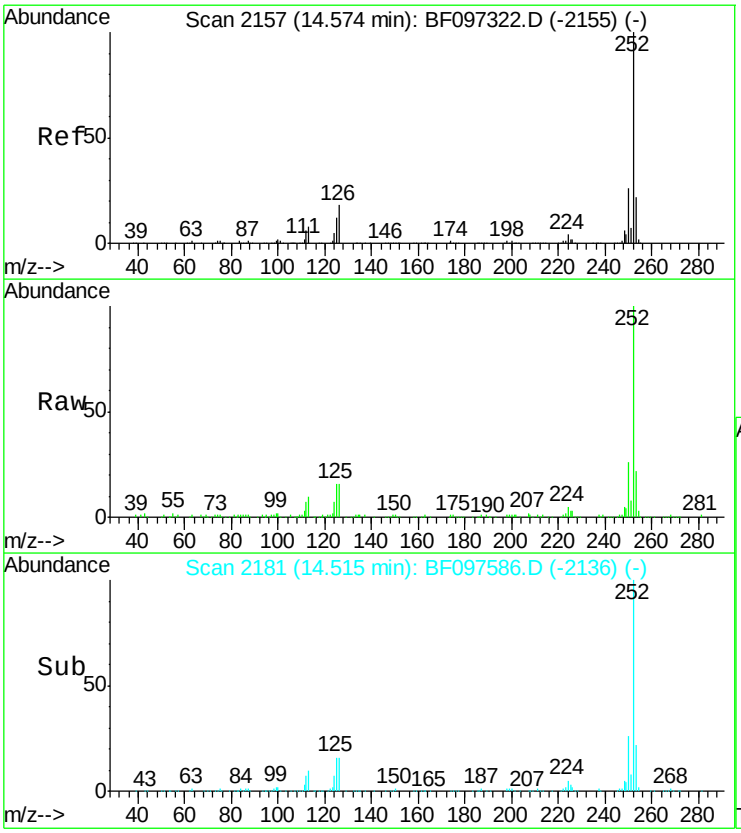
#87
Benzo(b)fluoranthene
Concen: 19.86 ng
RT: 14.52 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:252 Resp: 208781

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	15.9	9.8	14.8#

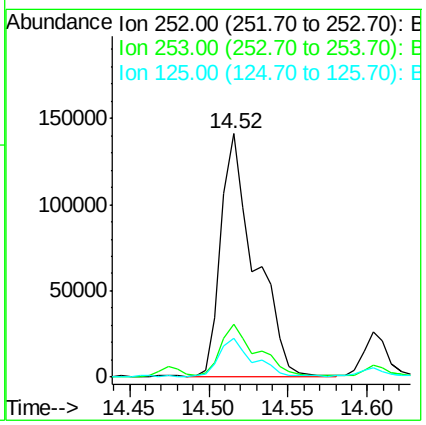


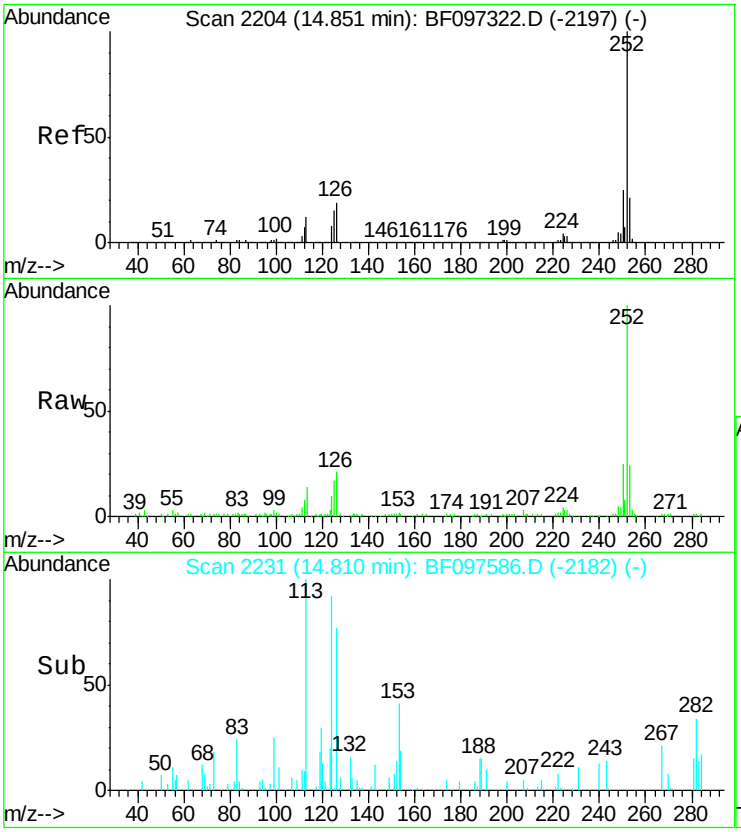


#88
Benzo(k)fluoranthene
Concen: 20.85 ng
RT: 14.52 min Scan# 2181
Delta R.T. -0.04 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:252 Resp: 208781

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	15.9	13.1	19.7



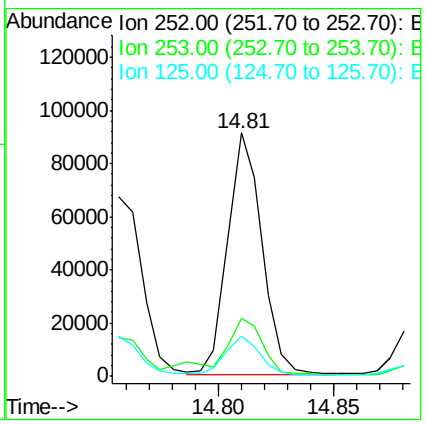


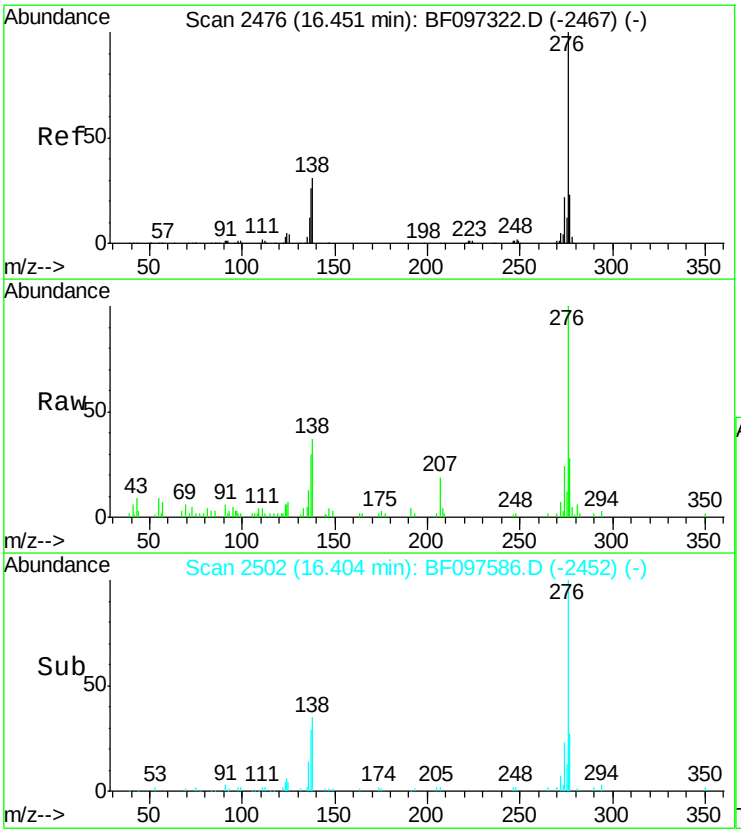
#89
Benzo(a)pyrene
Concen: 9.82 ng
RT: 14.81 min Scan# 2231
Delta R.T. -0.01 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Instrument :
BNA_F
ClientSampleId :
E2-F10-ESW

Tgt Ion:252 Resp: 94438

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	16.6	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 4.90 ng
RT: 16.40 min Scan# 2502
Delta R.T. -0.01 min
Lab File: BF097586.D
Acq: 11 Aug 2017 5:04

Tgt Ion:276 Resp: 40558

Ion	Ratio	Lower	Upper
276	100		
277	28.3	18.6	28.0#
138	36.5	25.4	38.0