Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
Data File : BF097273.D
Acq On : 2 Aug 2017 15:10
Operator : SJ/JU
Sample : I4497-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Aug 02 16:59:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 11:39:11 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	114055	20.00	ng		-0.01
21) Naphthalene-d8	7.73	136	474920	20.00	ng		-0.02
38) Acenaphthene-d10	9.47	164	207665	20.00	ng		-0.02
63) Phenanthrene-d10	10.95	188	359561	20.00	ng		-0.02
75) Chrysene-d12	13.57	240	309520	20.00	ng		-0.02
86) Perylene-d12	14.91	264	205495	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.06	112	741459	98.00	ng		0.00
7) Phenol-d6	6.12	99	911419	105.52	ng		-0.02
23) Nitrobenzene-d5	7.02	82	537519	66.40	ng		-0.02
41) 2,4,6-Tribromophenol	10.26	330	182636	111.31	ng		-0.02
44) 2-Fluorobiphenyl	8.81	172	841593	68.78	ng		-0.02
78) Terphenyl-d14	12.53	244	696456	45.88	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.13	94	39192	3.825	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	72368	12.729	ng	#	87
25) Isophorone	7.02	82	536931	33.867	ng	#	67
49) Dimethylphthalate	9.21	163	313289	19.866	ng		99
56) 2,4-Dinitrotoluene	9.47	165	25789	6.707	ng	#	33
66) 4-Bromophenyl-phenylether	10.26	248	11978	3.338	ng	#	1
70) Phenanthrene	10.97	178	57672	2.994	ng		96
74) Fluoranthene	12.15	202	175636	9.306	ng		98
77) Pyrene	12.37	202	160591	6.338	ng		98
80) Benzo(a)anthracene	13.56	228	93580	4.673	ng		99
82) Chrysene	13.60	228	83413	4.265	ng		99
87) Benzo(b)fluoranthene	14.56	252	100273	8.117	ng		97
88) Benzo(k)fluoranthene	14.56	252	100273	8.519	ng		96
89) Benzo(a)pyrene	14.86	252	52782	4.669	ng		99
91) Benzo(g,h,i)perylene	16.47	276	22315	2.295	ng		100

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

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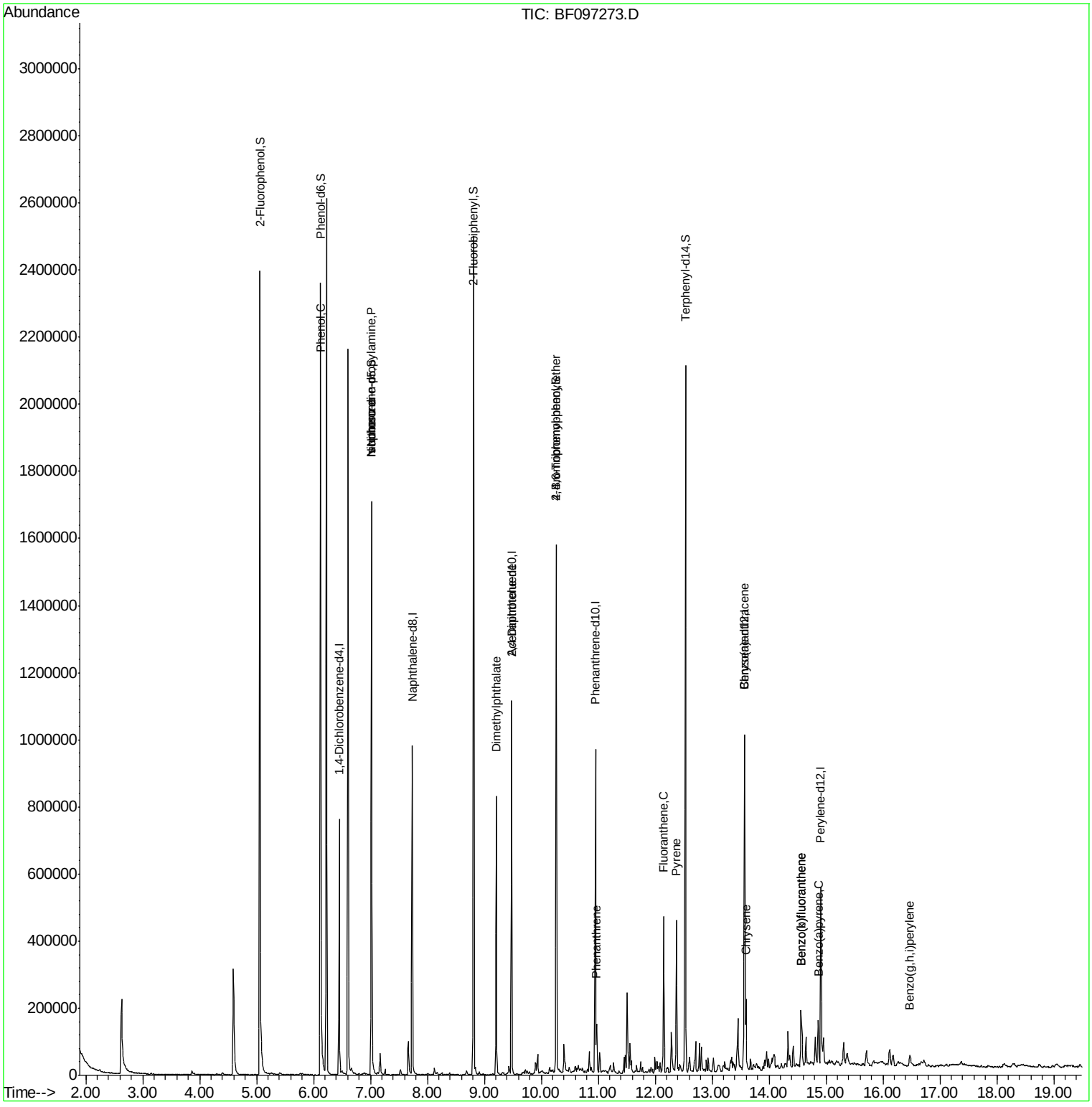
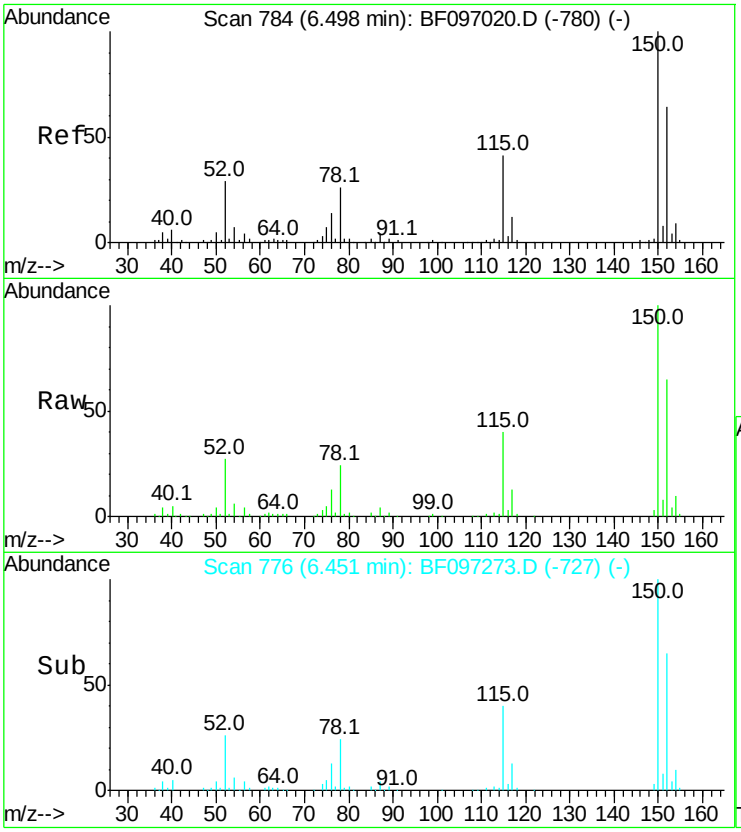


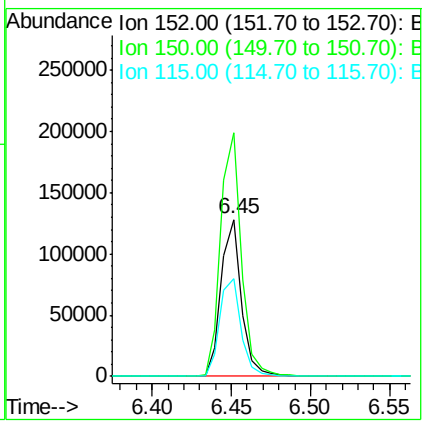


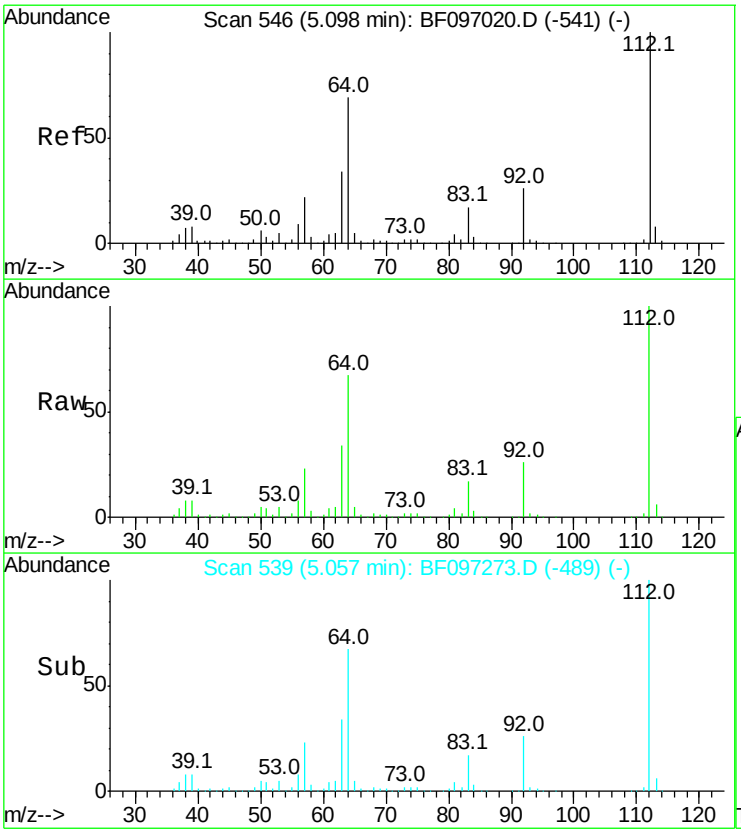
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.45 min Scan# 776
Delta R.T. -0.01 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 114055

Ion	Ratio	Lower	Upper
152	100		
150	154.9	126.2	189.2
115	61.8	52.2	78.2

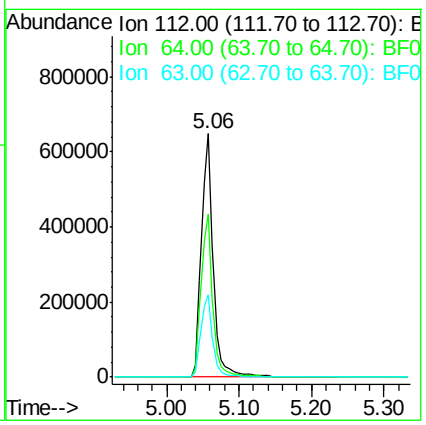


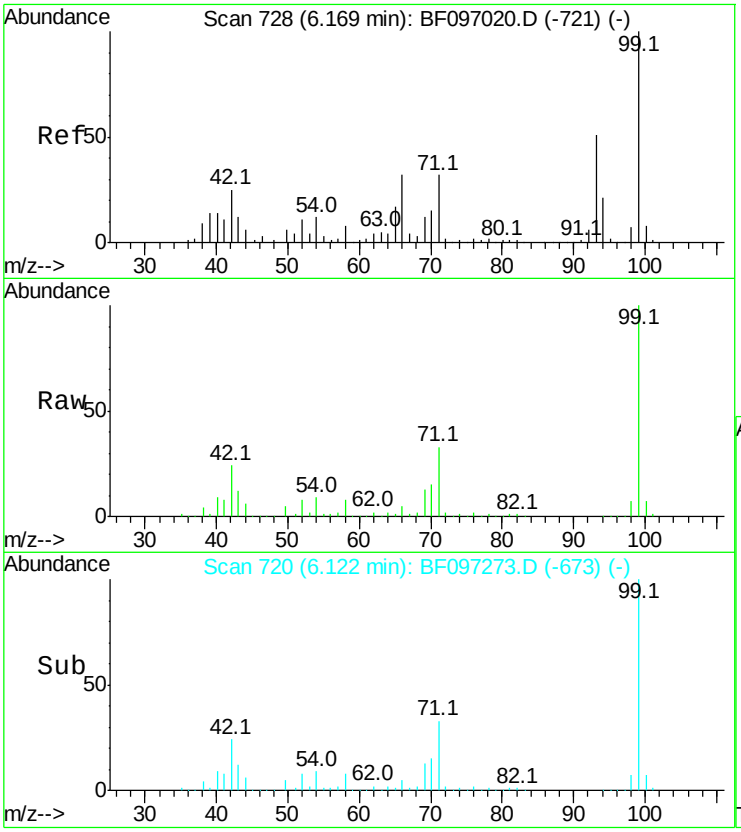


#5
2-Fluorophenol
Concen: 98.000 ng
RT: 5.06 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:112 Resp: 741459

Ion	Ratio	Lower	Upper
112	100		
64	67.0	46.0	69.0
63	33.9	23.4	35.0



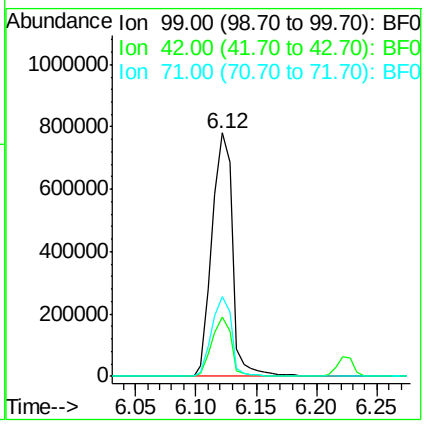


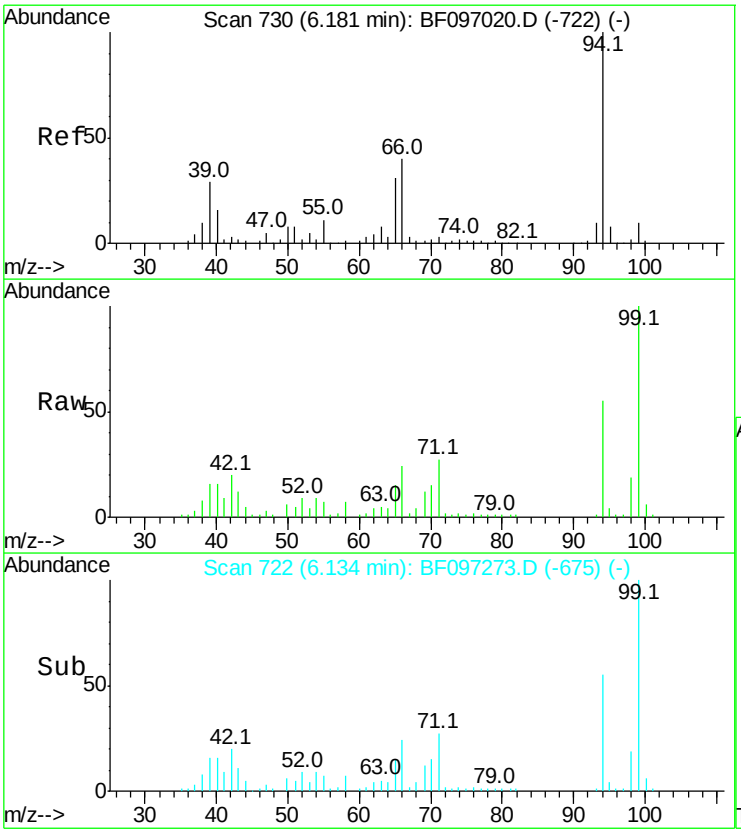
#7
Phenol-d6
Concen: 105.520 ng
RT: 6.12 min Scan# 720
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 911419

Ion	Ratio	Lower	Upper
99	100		
42	24.3	13.5	20.3#
71	33.0	24.5	36.7

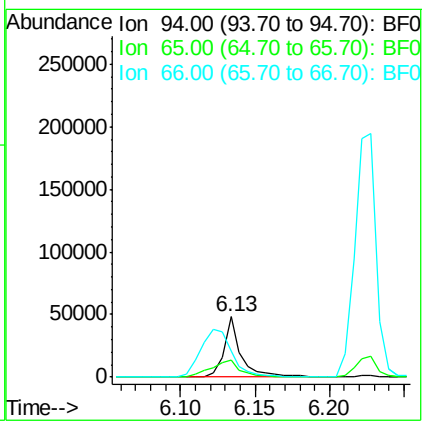


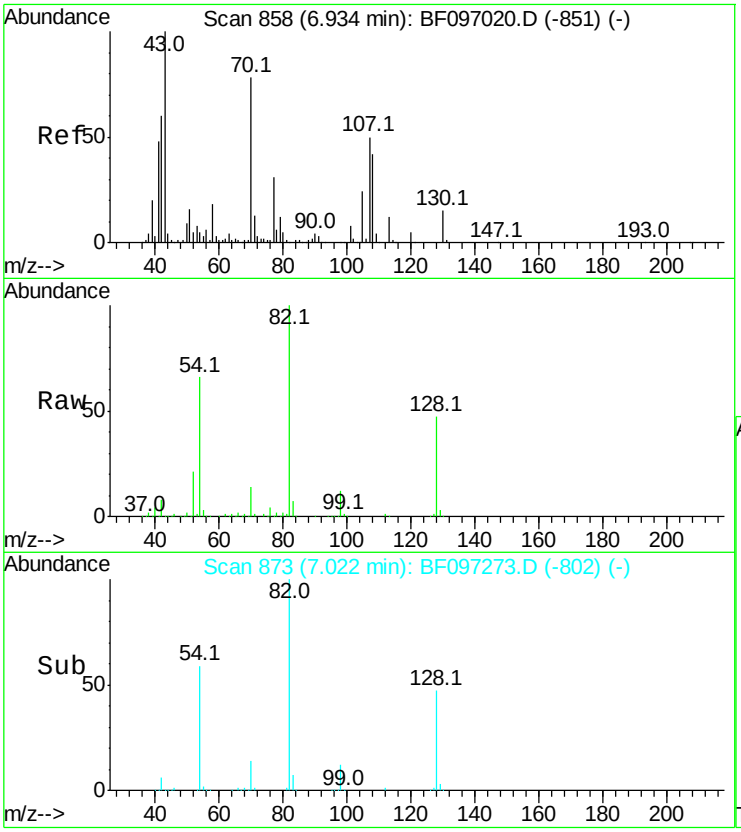


#10
Phenol
Concen: 3.825 ng
RT: 6.13 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion: 94 Resp: 39192

Ion	Ratio	Lower	Upper
94	100		
65	27.9	9.9	49.9
66	43.4	23.1	63.1



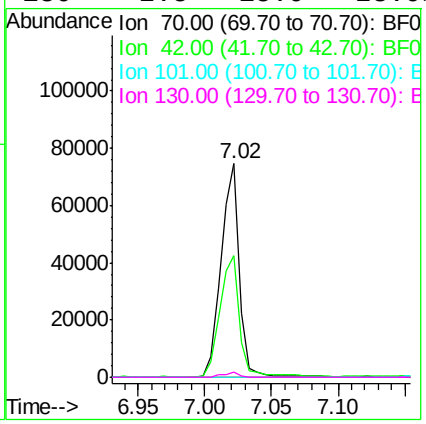


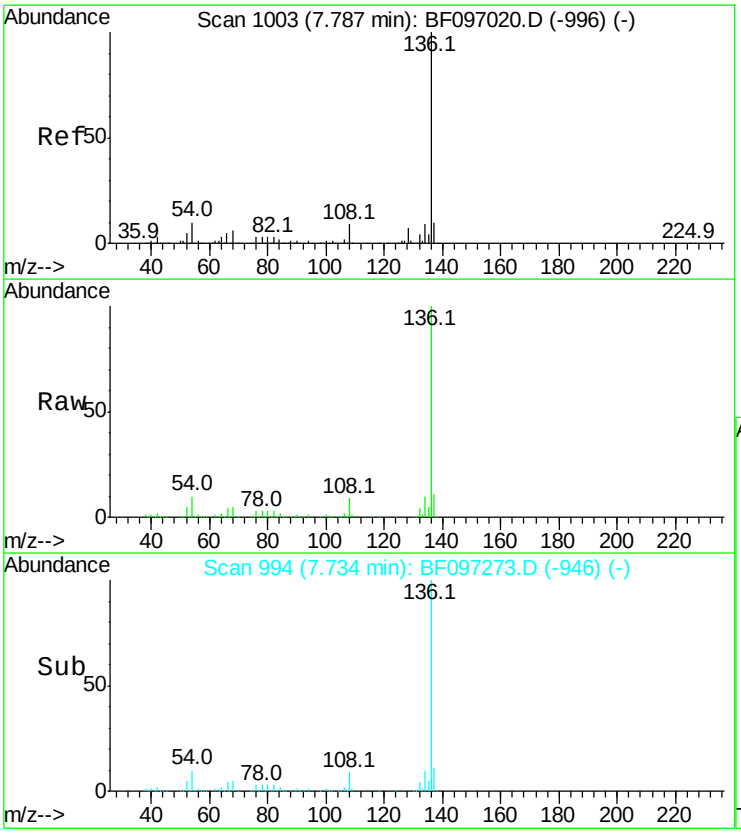
#19
n-Nitroso-di-n-propylamine
Concen: 12.729 ng
RT: 7.02 min Scan# 873
Delta R.T. 0.12 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 72368

Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.2	70.8
101	0.0	7.2	10.8#
130	2.5	15.9	23.9#

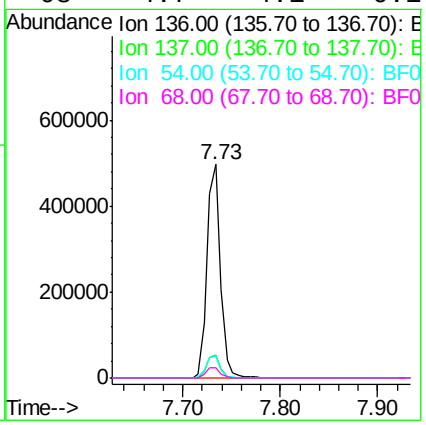


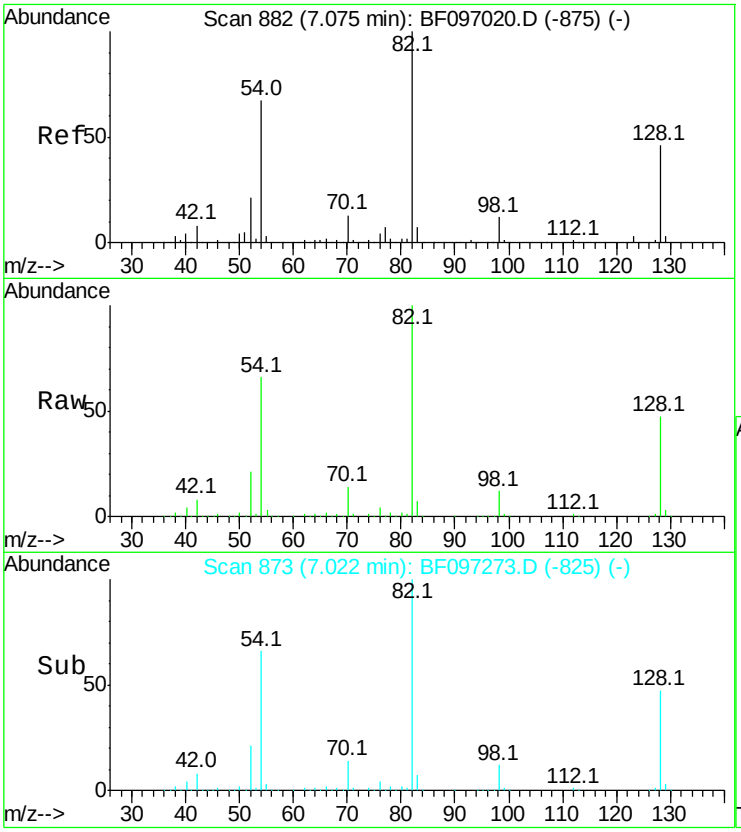


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.73 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:136 Resp: 474920

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.1	4.9	7.3#
68	4.7	4.1	6.1



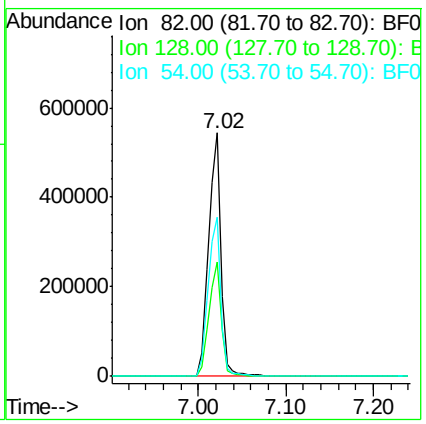


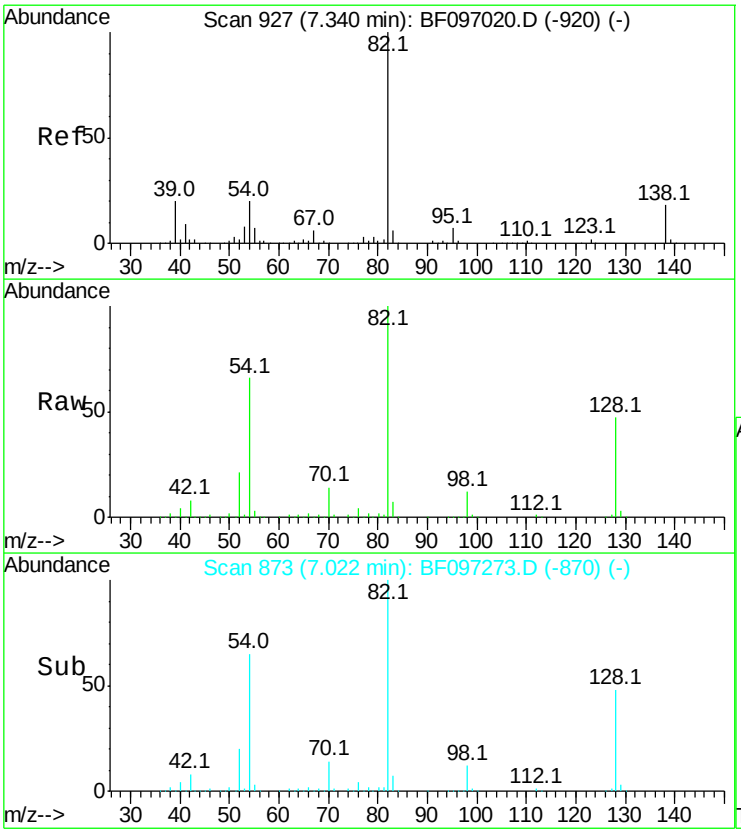
#23
Nitrobenzene-d5
Concen: 66.396 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 537519

Ion	Ratio	Lower	Upper
82	100		
128	46.8	34.0	51.0
54	65.6	42.2	63.2#

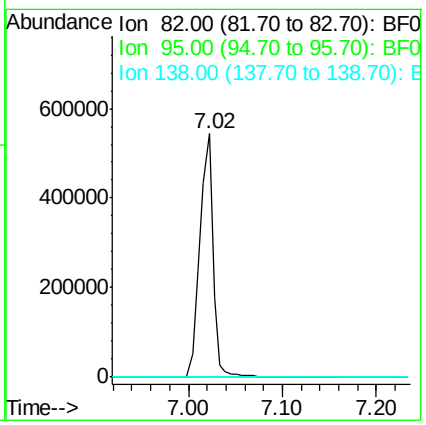


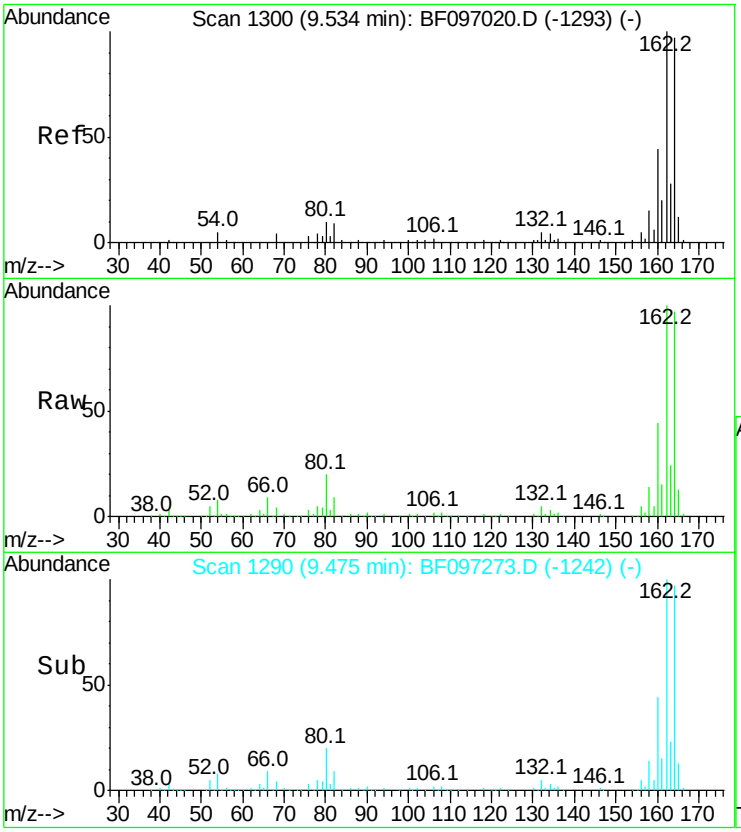


#25
Isophorone
Concen: 33.867 ng
RT: 7.02 min Scan# 873
Delta R.T. -0.28 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion: 82 Resp: 536931

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.3	7.9#
138	0.0	13.1	19.7#

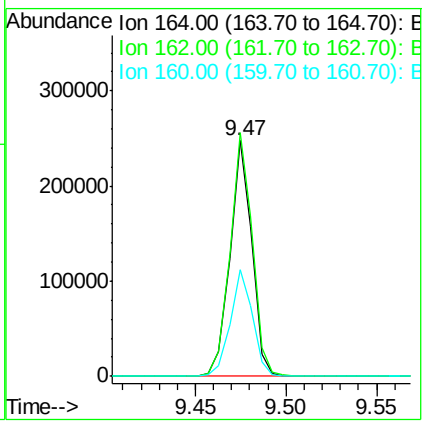




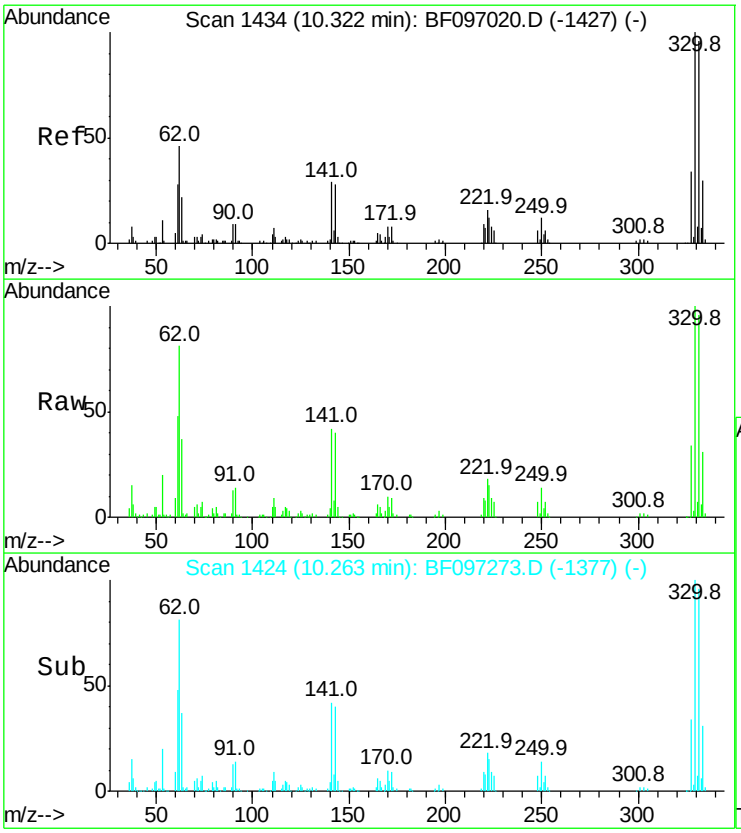
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:164 Resp: 207665

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	45.2	36.2	54.2



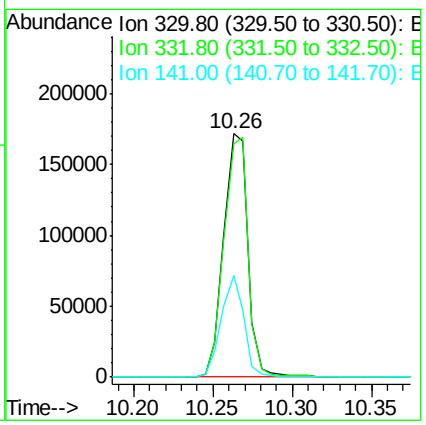
Instrument :
BNA_F
ClientSampleId :

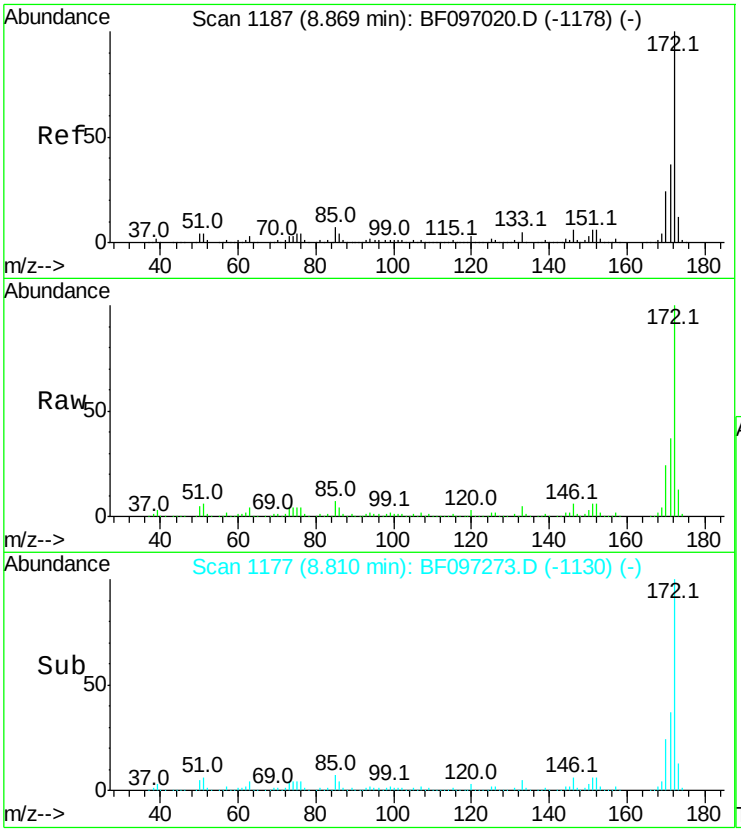


#41
2,4,6-Tribromophenol
Concen: 111.312 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:330 Resp: 182636

Ion	Ratio	Lower	Upper
330	100		
332	98.5	76.6	115.0
141	39.0	31.4	47.2



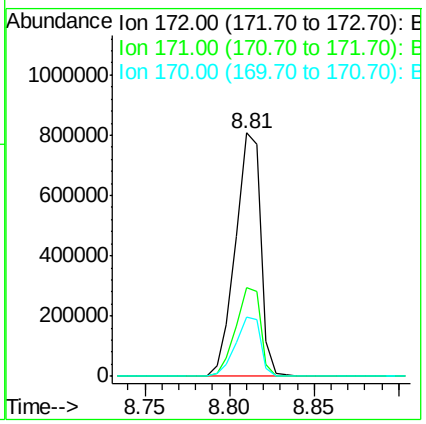


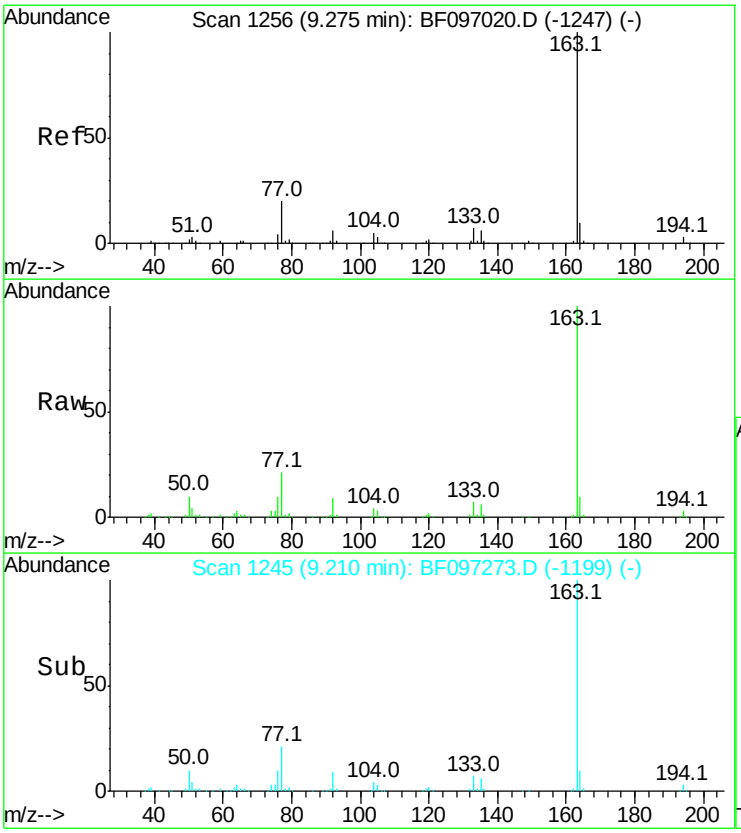
#44
2-Fluorobiphenyl
Concen: 68.777 ng
RT: 8.81 min Scan# 1177
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 841593

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.1	19.8	29.8

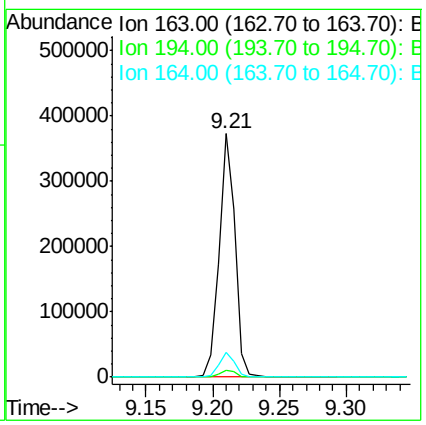


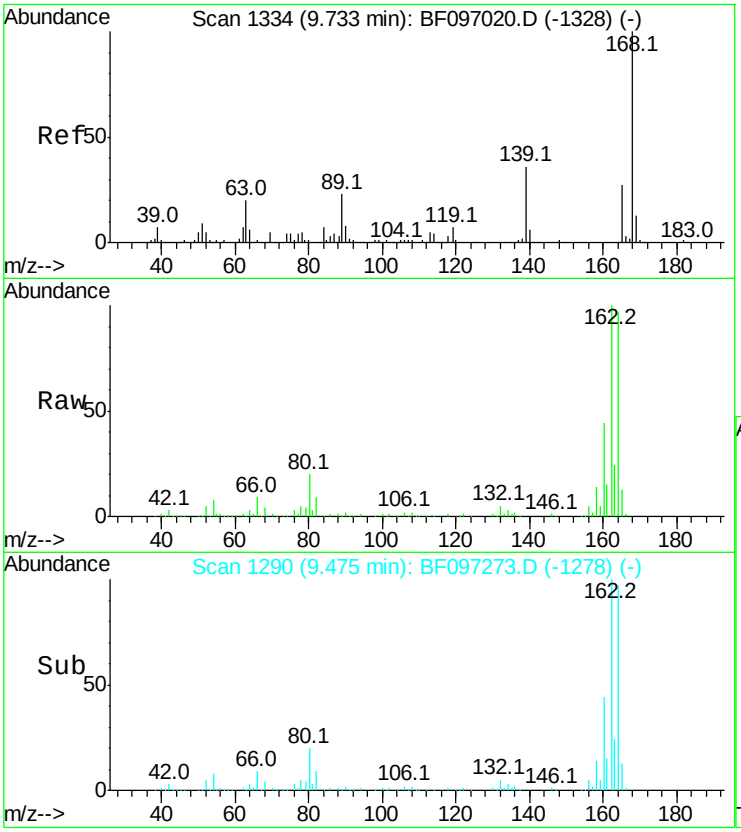


#49
Dimethylphthalate
Concen: 19.866 ng
RT: 9.21 min Scan# 1245
Delta R.T. -0.03 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:163 Resp: 313289

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.0	8.4	12.6



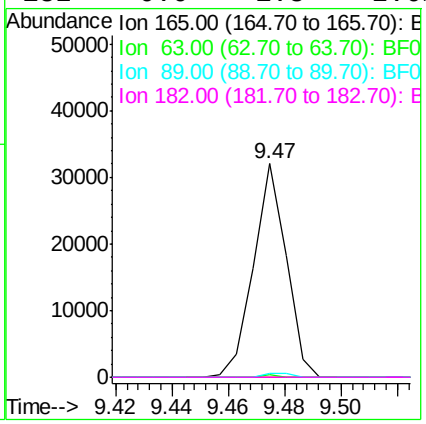


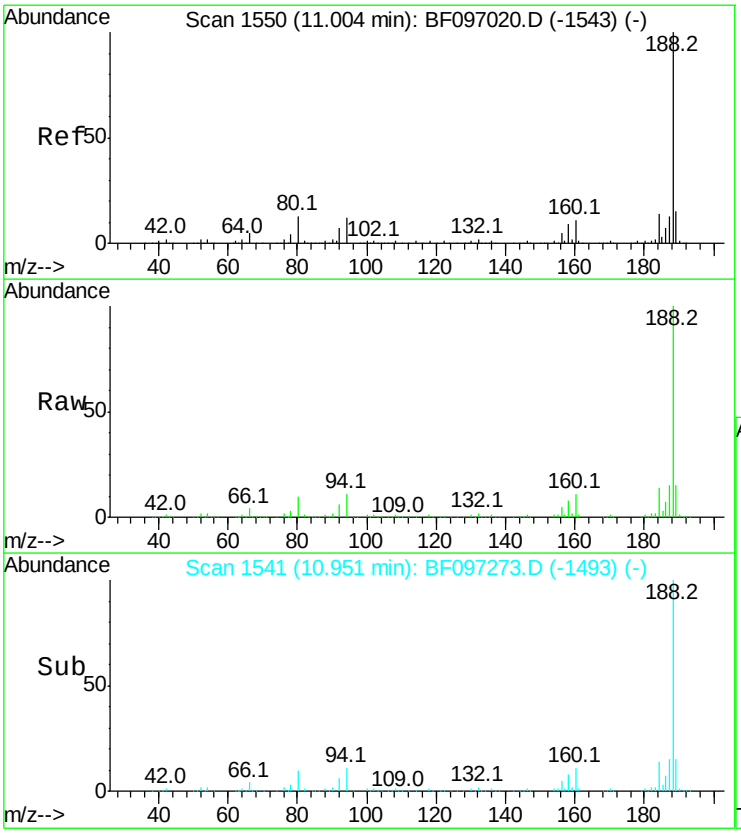
#56
2,4-Dinitrotoluene
Concen: 6.707 ng
RT: 9.47 min Scan# 1290
Delta R.T. -0.23 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 25789

Ion	Ratio	Lower	Upper
165	100		
63	1.2	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

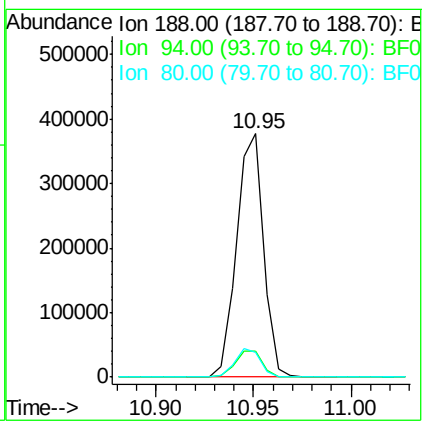


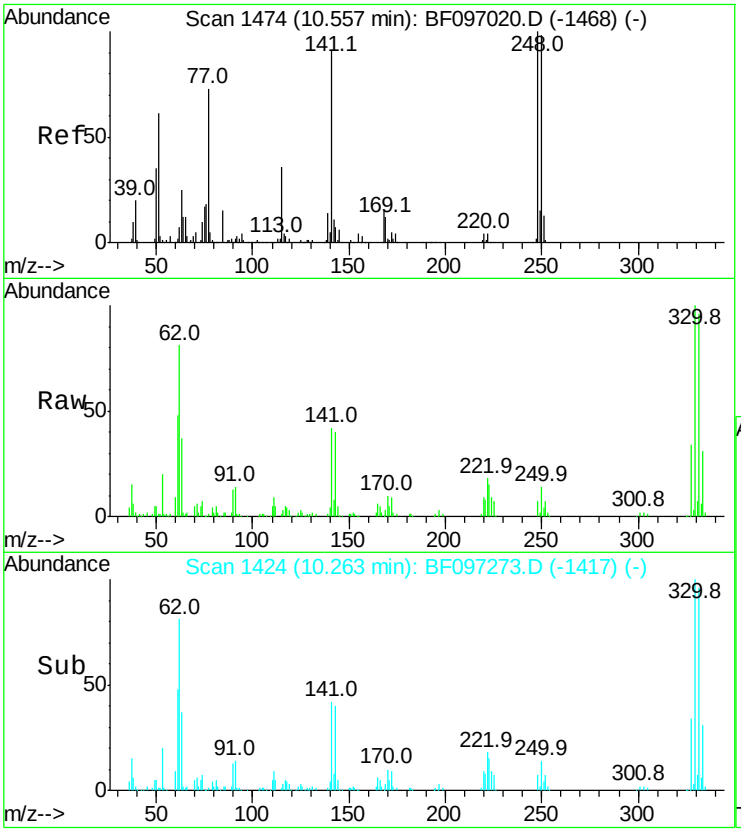


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1541
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:188 Resp: 359561

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	10.3	10.2	15.2



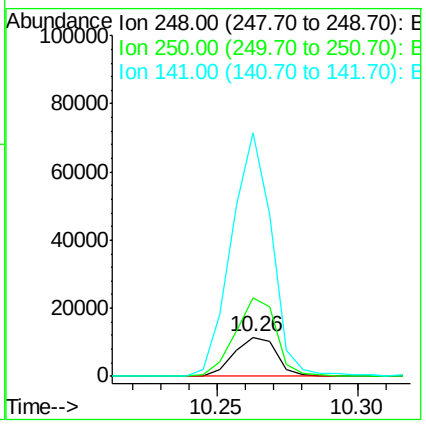


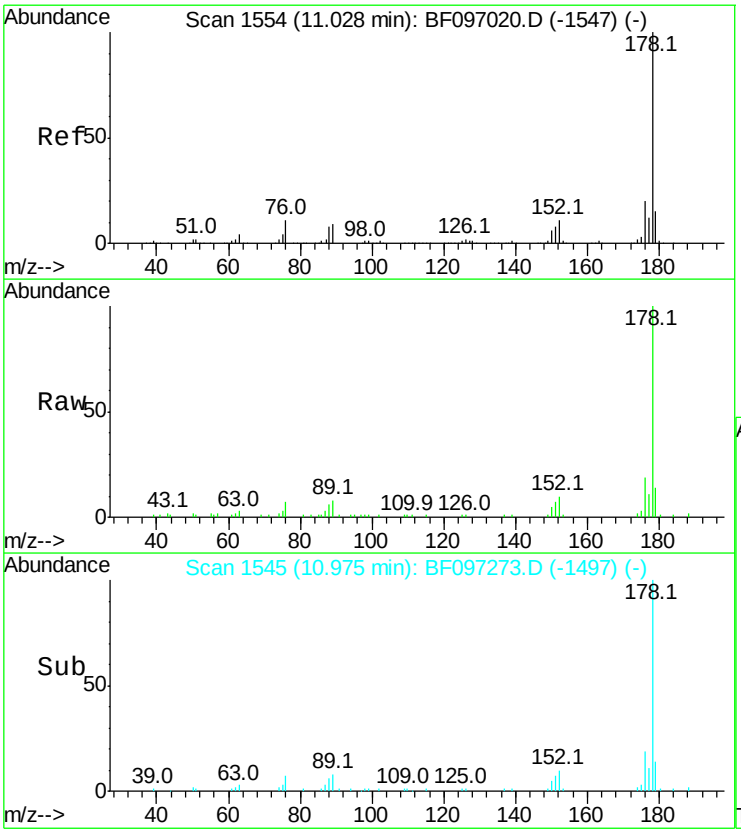
#66
4-Bromophenyl-phenylether
Concen: 3.338 ng
RT: 10.26 min Scan# 1424
Delta R.T. -0.26 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 11978

Ion	Ratio	Lower	Upper
248	100		
250	201.2	76.8	115.2#
141	620.1	68.6	103.0#

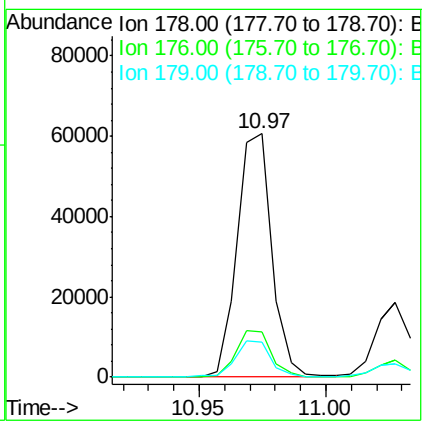


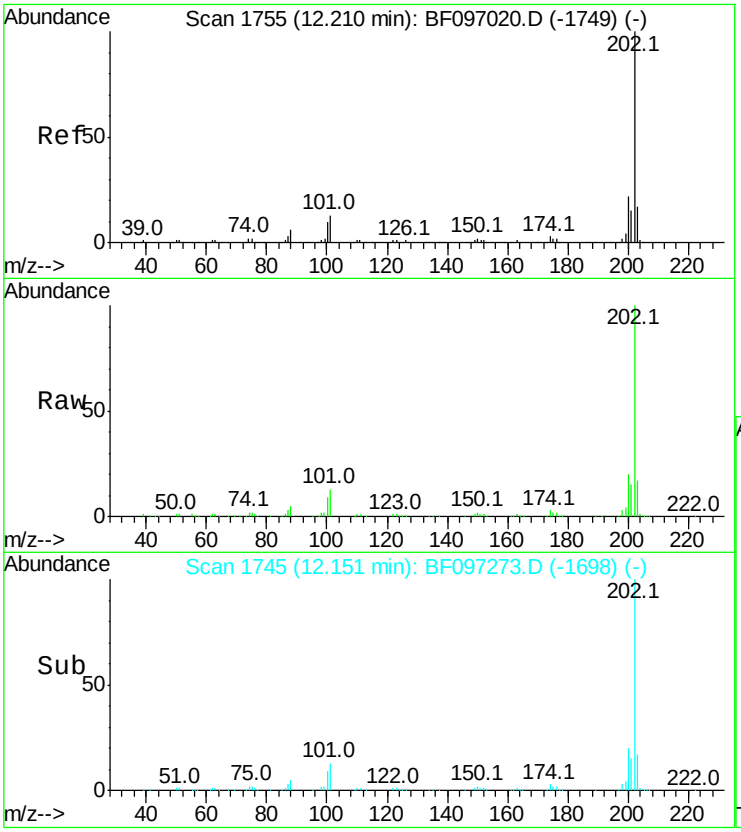


#70
Phenanthrene
Concen: 2.994 ng
RT: 10.97 min Scan# 1545
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:178 Resp: 57672

Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	14.1	12.6	19.0



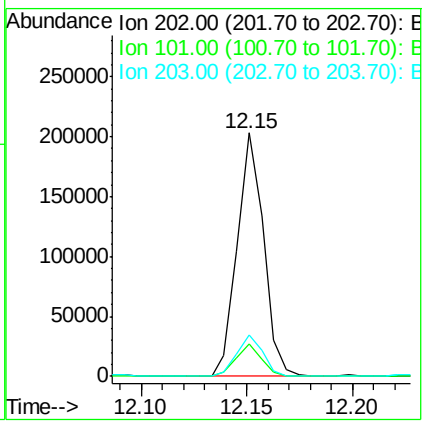


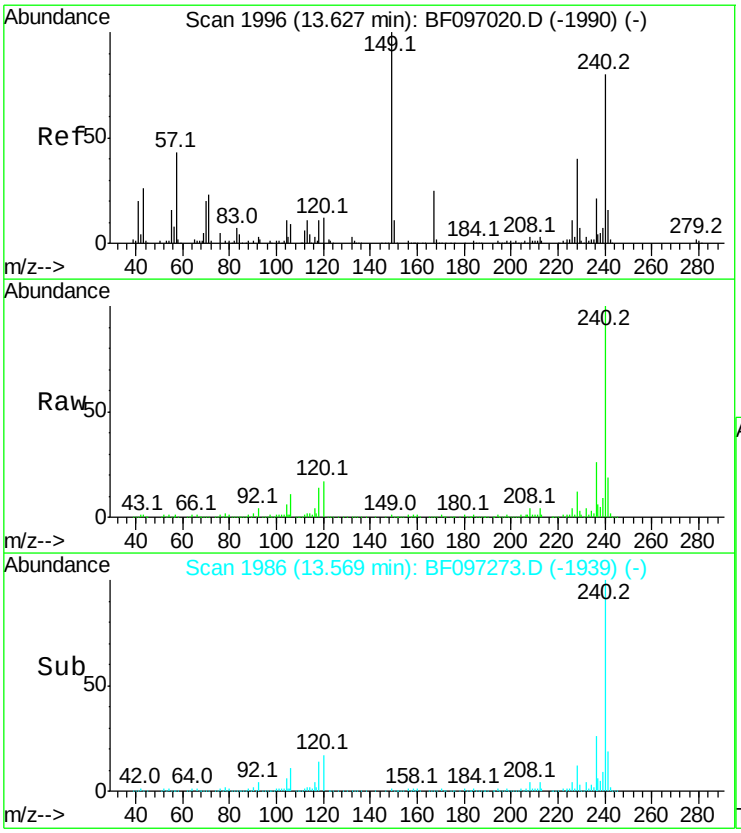
#74
Fluoranthene
Concen: 9.306 ng
RT: 12.15 min Scan# 1745
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 175636

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	16.9	0.0	38.1

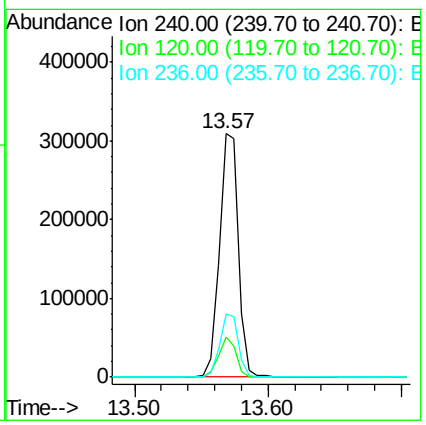


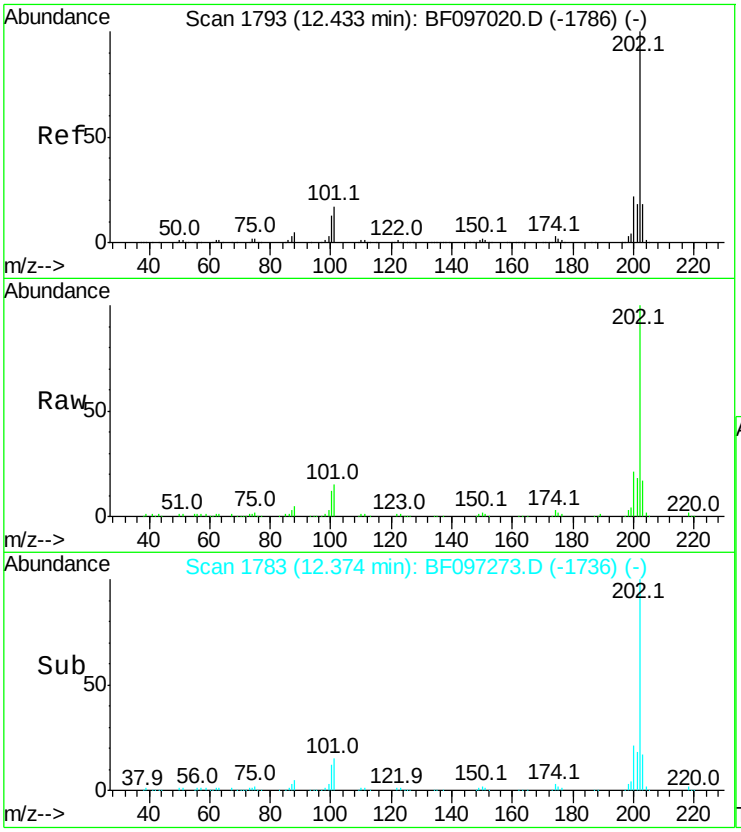


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:240 Resp: 309520

Ion	Ratio	Lower	Upper
240	100		
120	16.5	5.8	8.8#
236	25.7	20.5	30.7



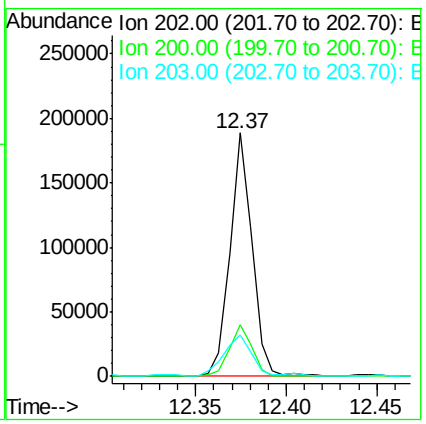


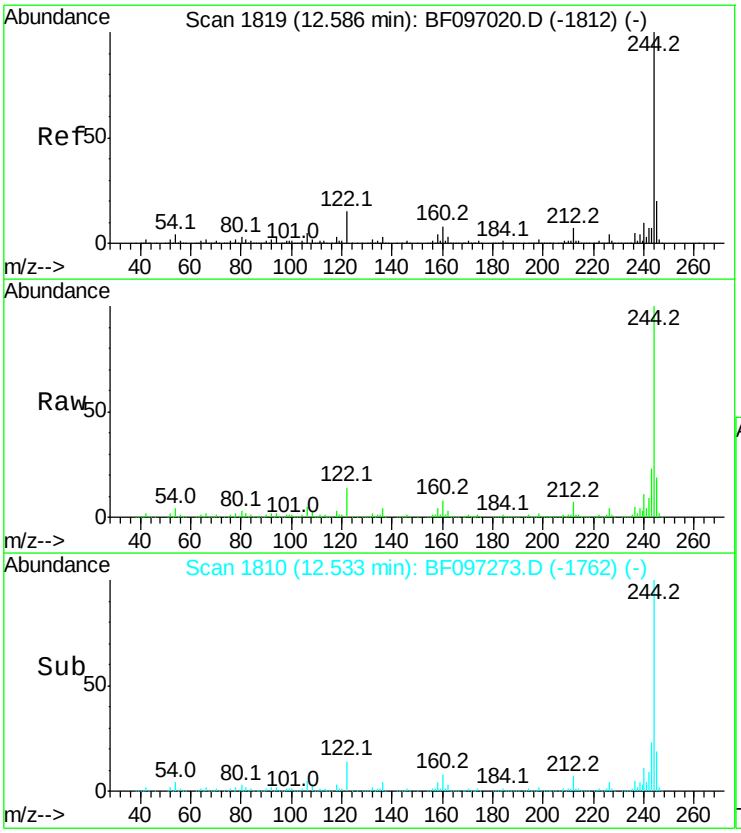
#77
Pyrene
Concen: 6.338 ng
RT: 12.37 min Scan# 1783
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 160591

Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.6	26.4
203	17.1	14.4	21.6

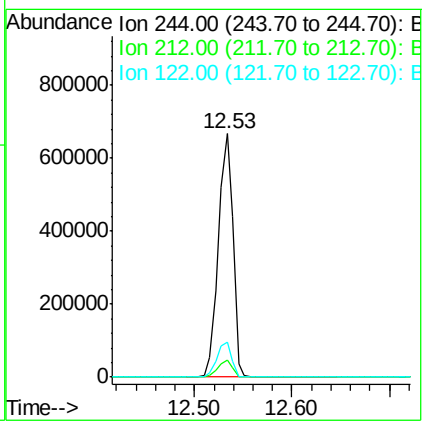


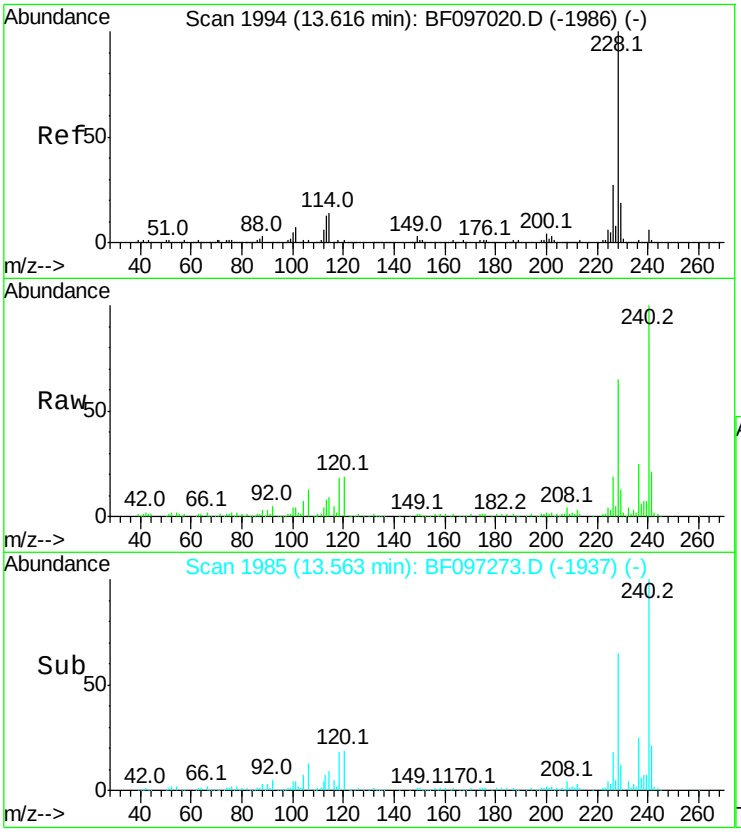


#78
Terphenyl-d14
Concen: 45.877 ng
RT: 12.53 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:244 Resp: 696456

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	14.3	10.3	15.5



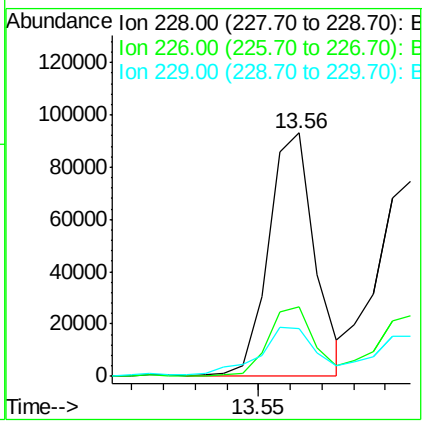


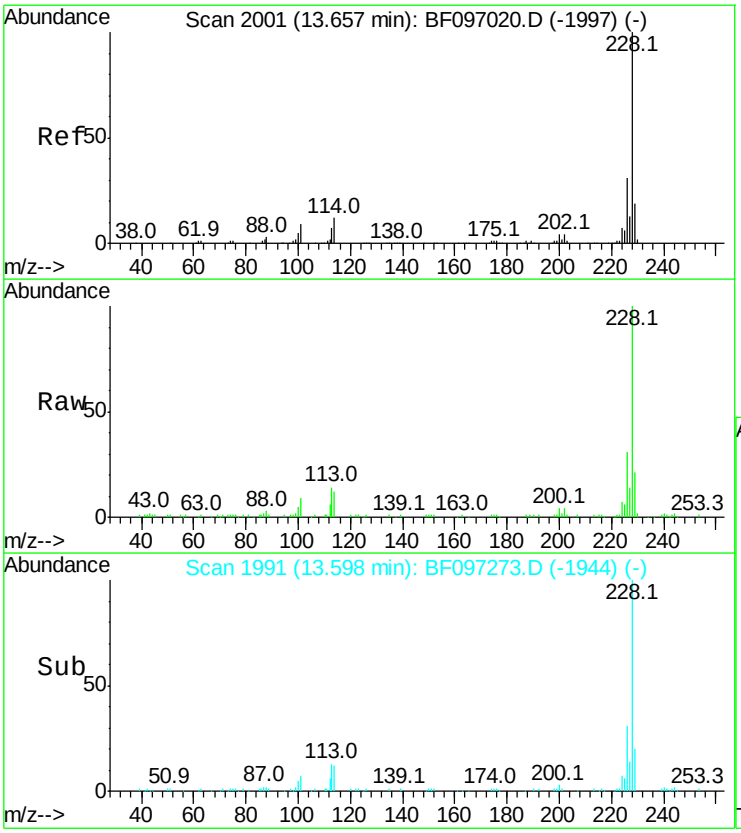
#80
Benzo(a)anthracene
Concen: 4.673 ng
RT: 13.56 min Scan# 1985
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 93580

Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	19.7	16.3	24.5

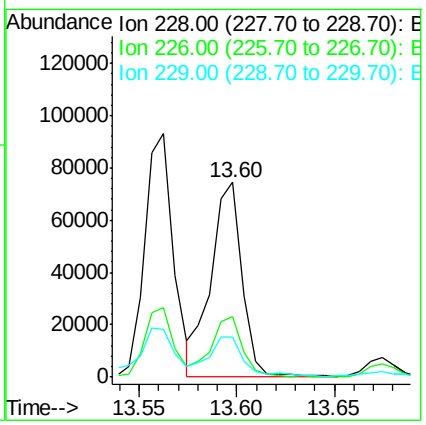


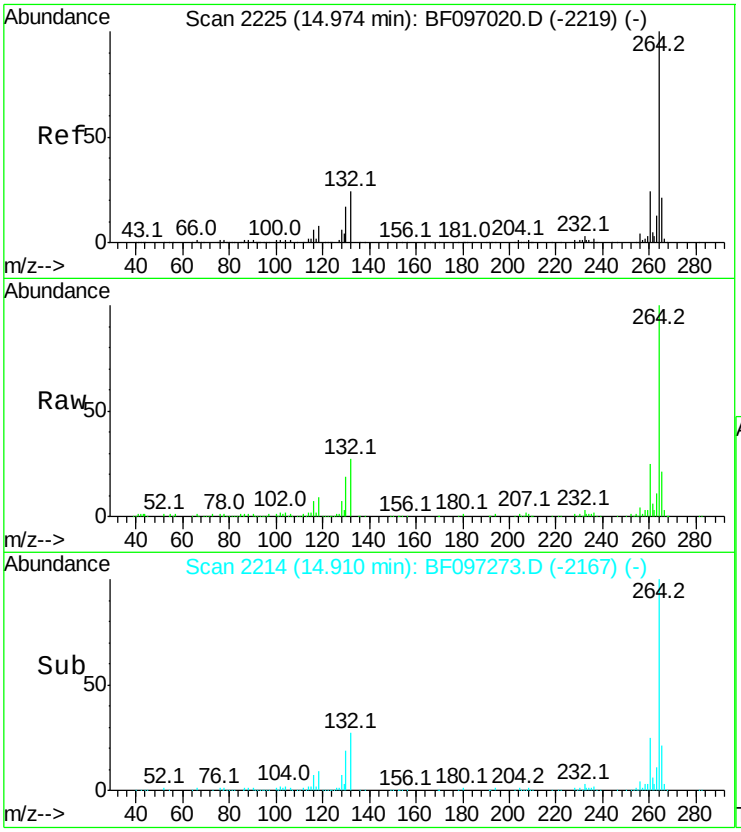


#82
Chrysene
Concen: 4.265 ng
RT: 13.60 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:228 Resp: 83413

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.5	15.8	23.6



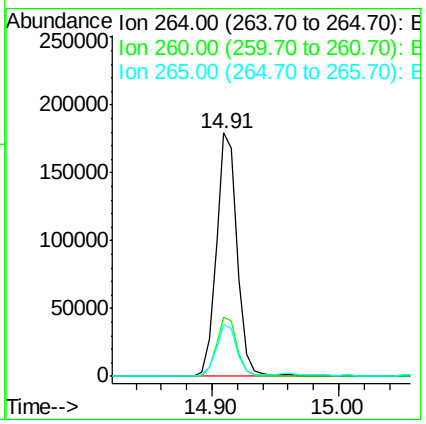


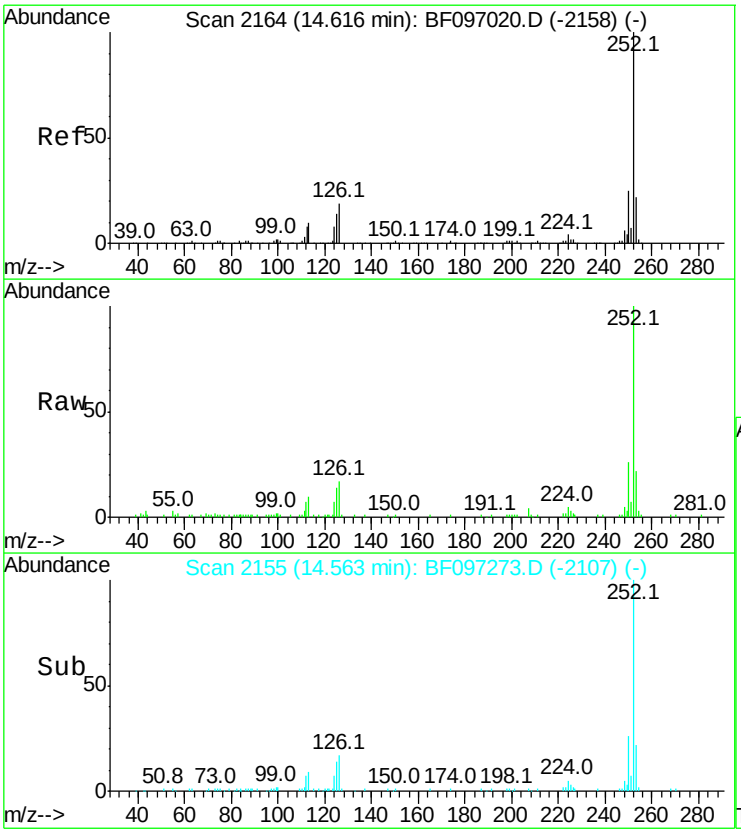
#86
Perylene-d12
Concen: 20.000 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 205495

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.4	17.2	25.8

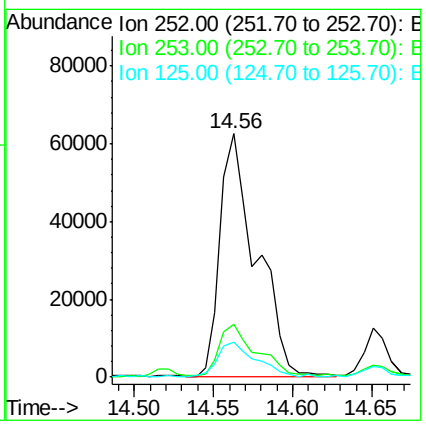


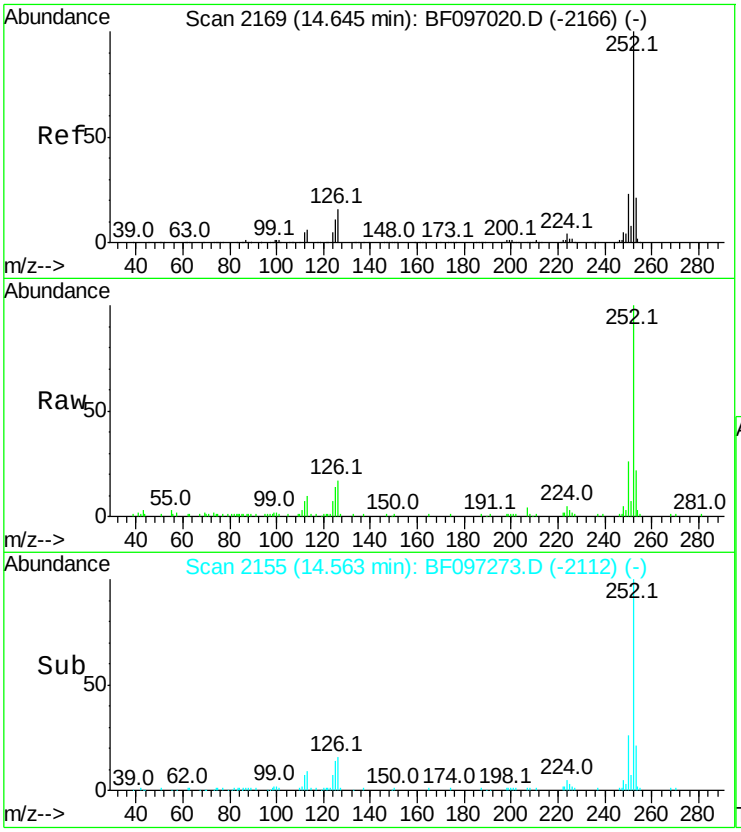


#87
Benzo(b)fluoranthene
Concen: 8.117 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:252 Resp: 100273

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	14.3	9.8	14.8



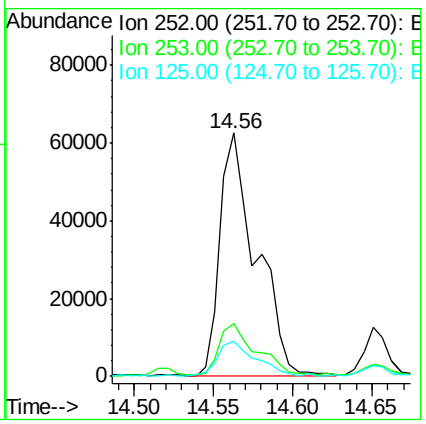


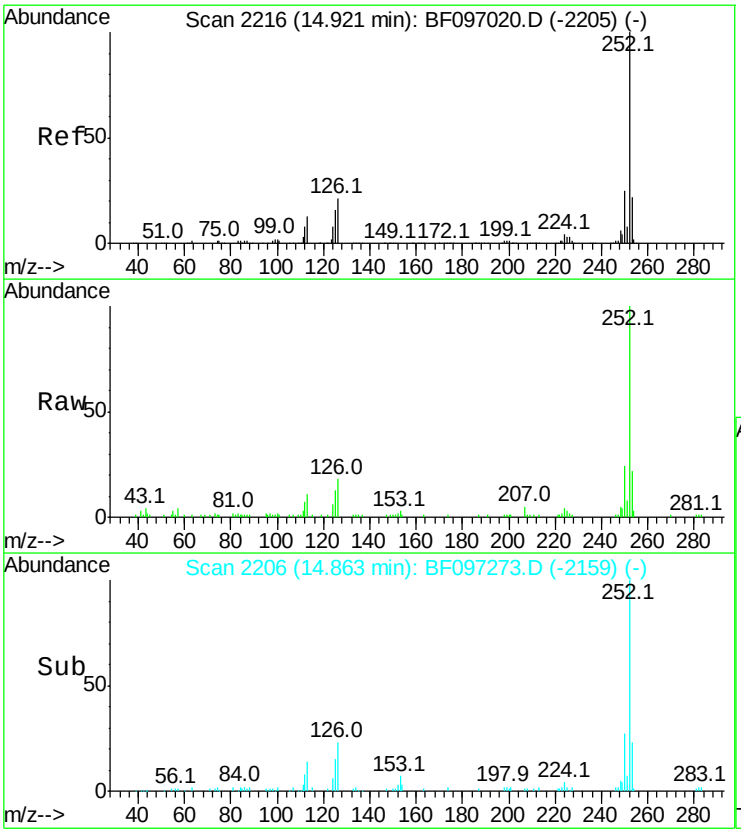
#88
Benzo(k)fluoranthene
Concen: 8.519 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.05 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:252 Resp: 100273

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	14.3	13.1	19.7

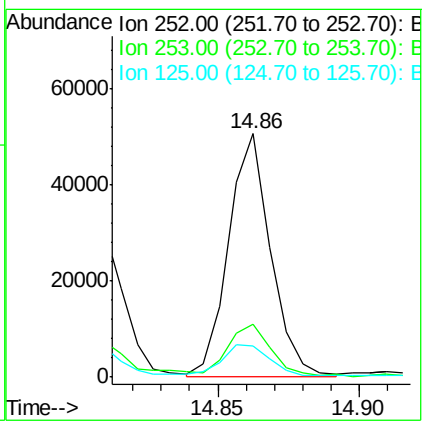


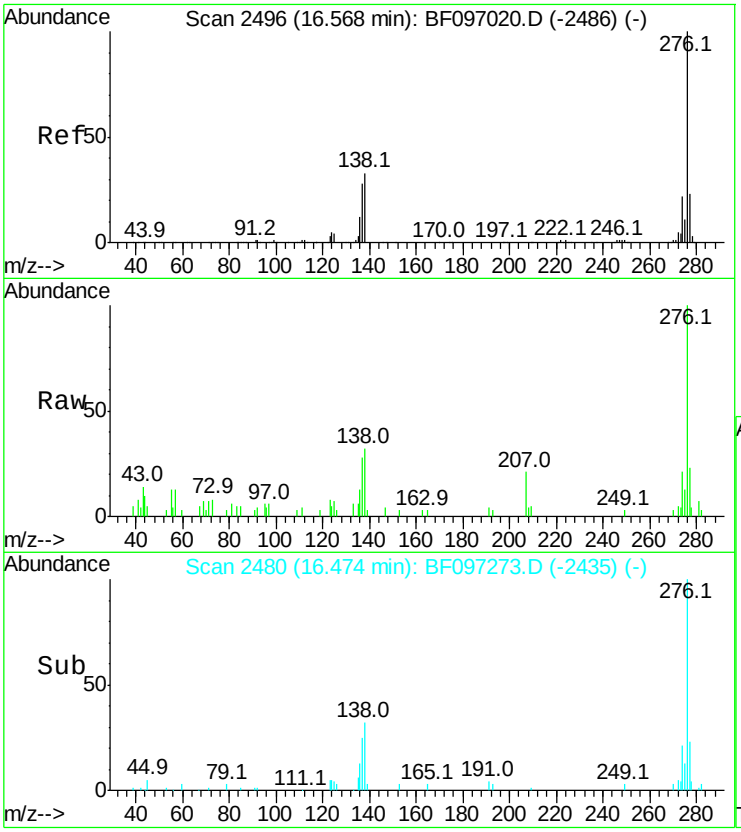


#89
Benzo(a)pyrene
Concen: 4.669 ng
RT: 14.86 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Tgt Ion:252 Resp: 52782

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	12.8	11.0	16.4





#91
Benzo(g,h,i)perylene
Concen: 2.295 ng
RT: 16.47 min Scan# 2480
Delta R.T. -0.04 min
Lab File: BF097273.D
Acq: 2 Aug 2017 15:10

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:276 Resp: 22315

Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.6	28.0
138	31.7	25.4	38.0