Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
Data File : BF097216.D
Acq On : 31 Jul 2017 19:05
Operator : SJ/JU
Sample : I4488-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CL-02-072717-E

Quant Time: Aug 01 00:57:29 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	6.48	152	124359	20.00	ng		-0.02
21) Naphthalene-d8	7.76	136	535527	20.00	ng		-0.02
38) Acenaphthene-d10	9.51	164	242018	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	329514	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	258939	20.00	ng		-0.02
86) Perylene-d12	14.96	264	219418	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	757263	91.80	ng		0.00
7) Phenol-d6	6.16	99	929545	98.70	ng		-0.01
23) Nitrobenzene-d5	7.05	82	595892	65.28	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	154785	80.95	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	798166	55.97	ng		-0.02
78) Terphenyl-d14	12.57	244	563801	44.39	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.17	94	44036	3.94	ng		95
19) n-Nitroso-di-n-propylamine	7.05	70	80226	12.94	ng	#	88
25) Isophorone	7.05	82	589450	32.97	ng	#	67
49) Dimethylphthalate	9.24	163	206113	11.21	ng		99
56) 2,4-Dinitrotoluene	9.51	165	31227	6.97	ng	#	33
66) 4-Bromophenyl-phenylether	10.30	248	9822	2.99	ng	#	1
74) Fluoranthene	12.19	202	59300	3.43	ng		98
77) Pyrene	12.42	202	62984	2.97	ng		99
80) Benzo(a)anthracene	13.64	228	39310	2.35	ng		93
82) Chrysene	13.64	228	39310	2.40	ng		96
87) Benzo(b)fluoranthene	14.60	252	73278	5.56	ng	#	95
88) Benzo(k)fluoranthene	14.60	252	73278	5.83	ng		98
89) Benzo(a)pyrene	14.91	252	38525	3.19	ng	#	95
91) Benzo(g,h,i)perylene	16.55	276	25305	2.44	ng	#	93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF073117\
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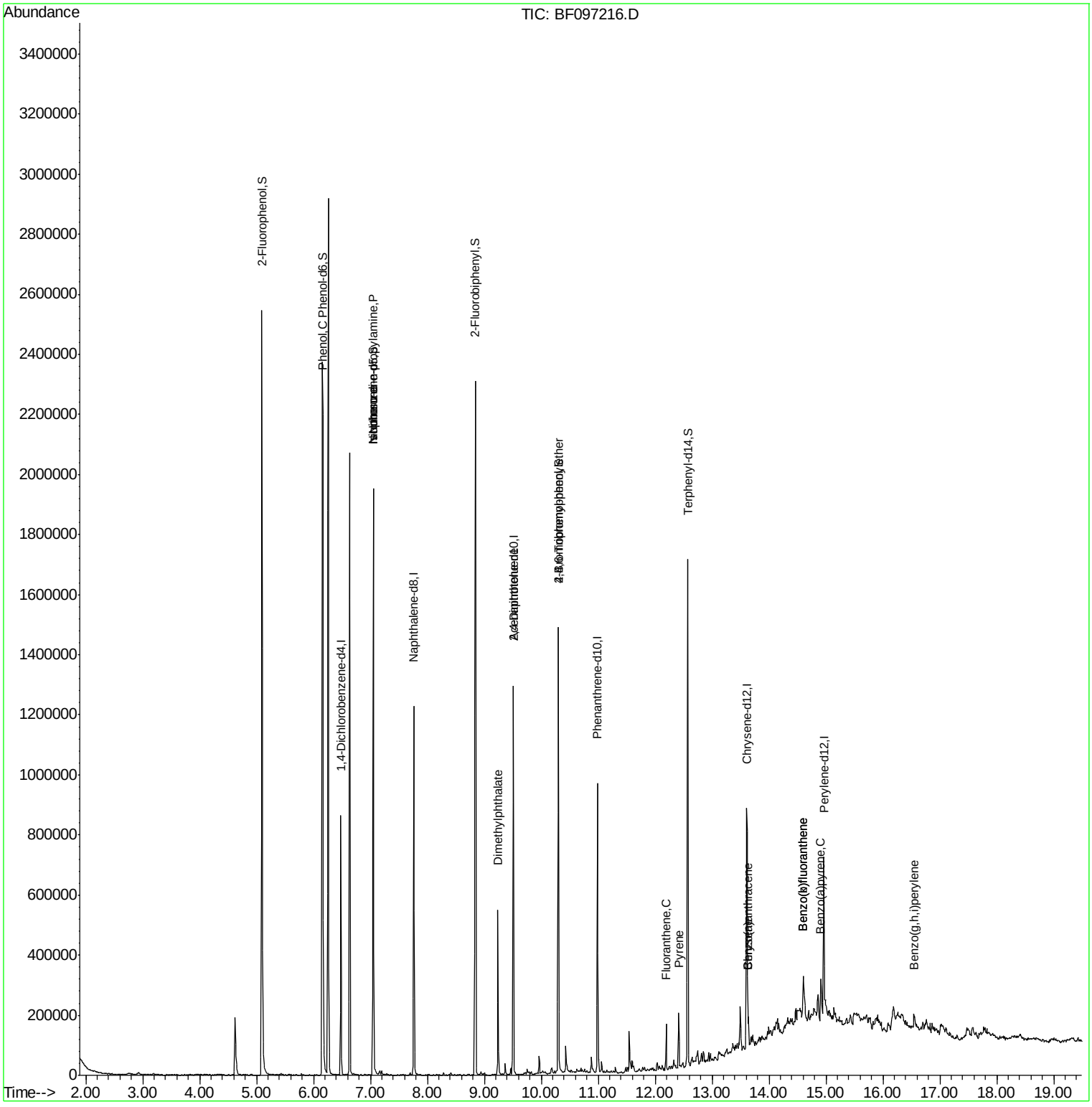
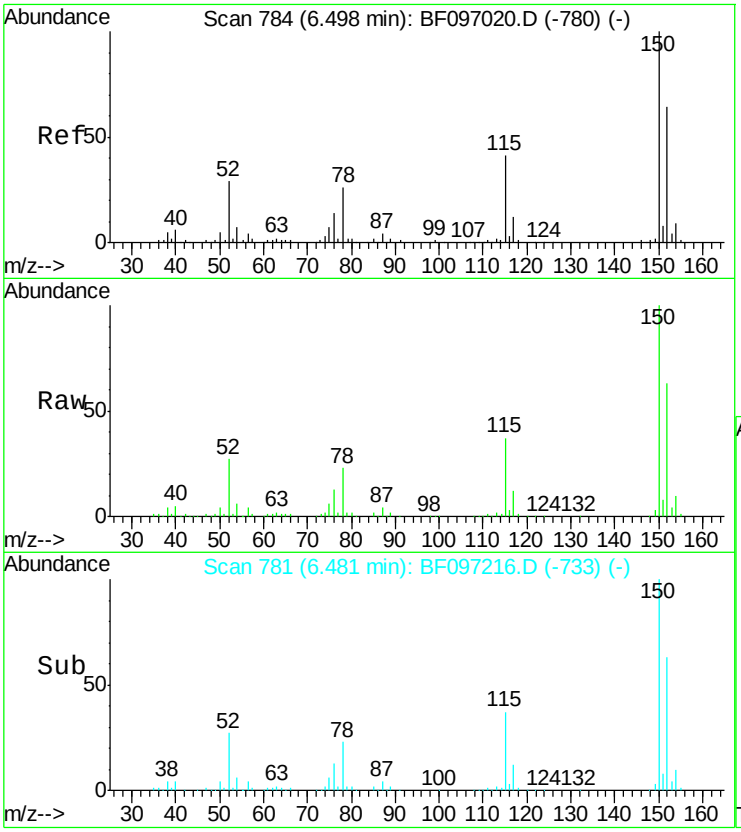
Acq On : 31 Jul 2017 19:05
Operator : SJ/JU
Sample : I4488-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Quant Time: Aug 01 00:57:29 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



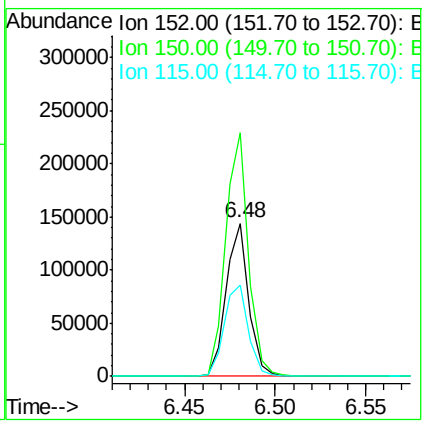


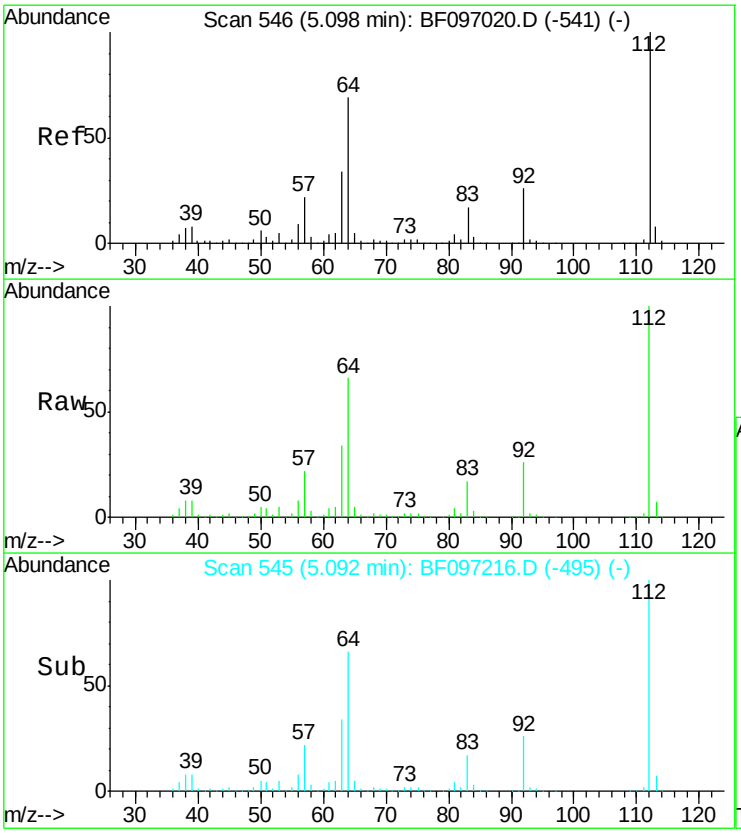
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion:152 Resp: 124359

Ion	Ratio	Lower	Upper
152	100		
150	159.2	126.2	189.2
115	59.6	52.2	78.2

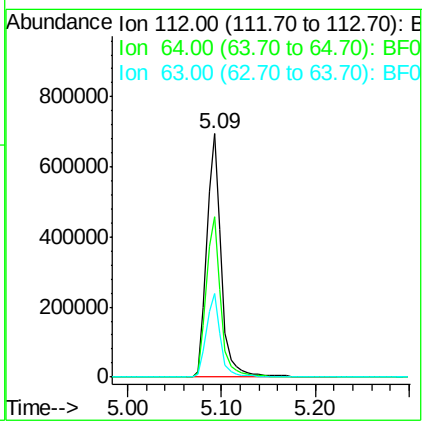


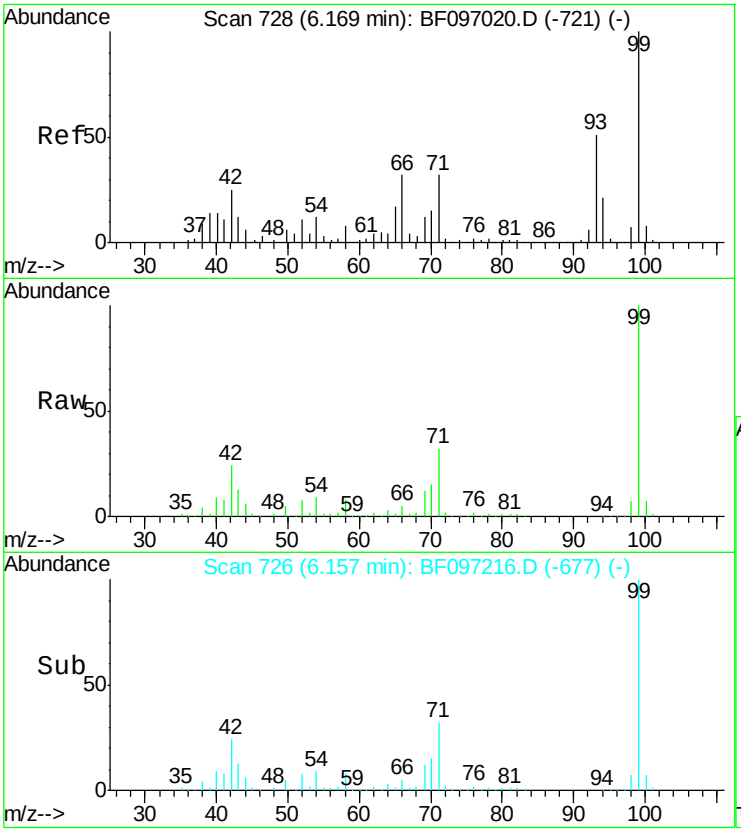


#5
2-Fluorophenol
Concen: 91.80 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion:112 Resp: 757263

Ion	Ratio	Lower	Upper
112	100		
64	66.0	46.0	69.0
63	34.4	23.4	35.0



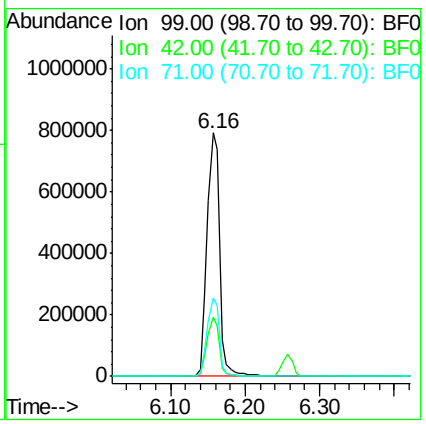


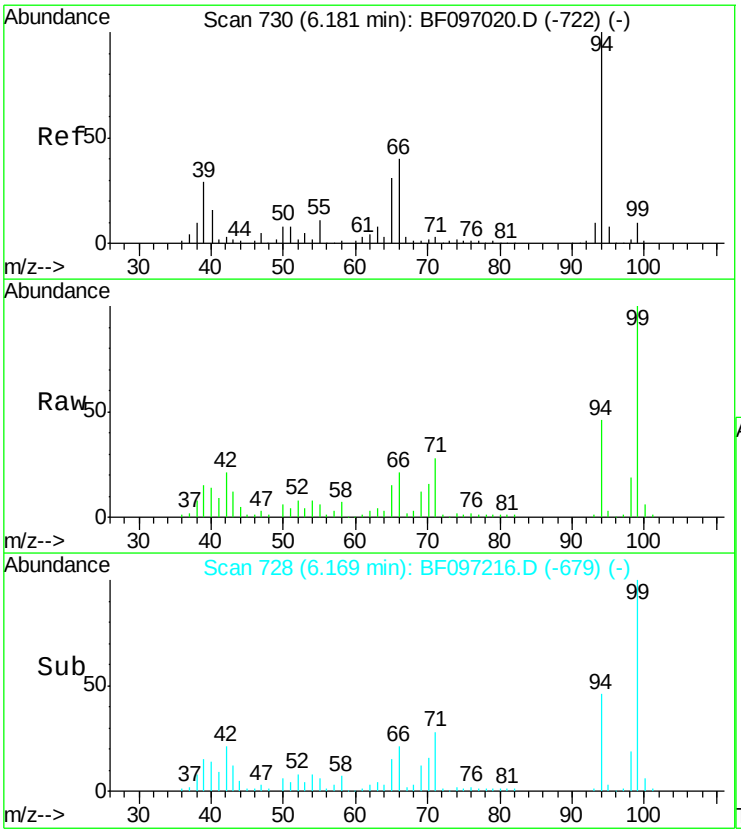
#7
Phenol-d6
Concen: 98.70 ng
RT: 6.16 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion: 99 Resp: 929545

Ion	Ratio	Lower	Upper
99	100		
42	24.2	13.5	20.3#
71	32.5	24.5	36.7

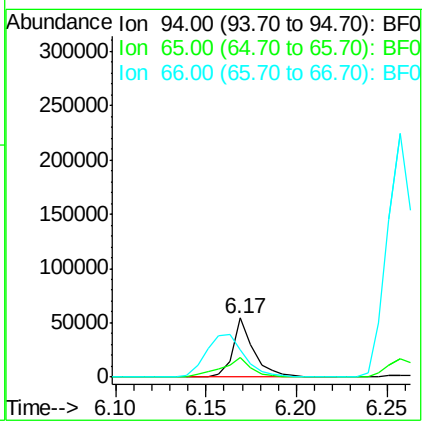


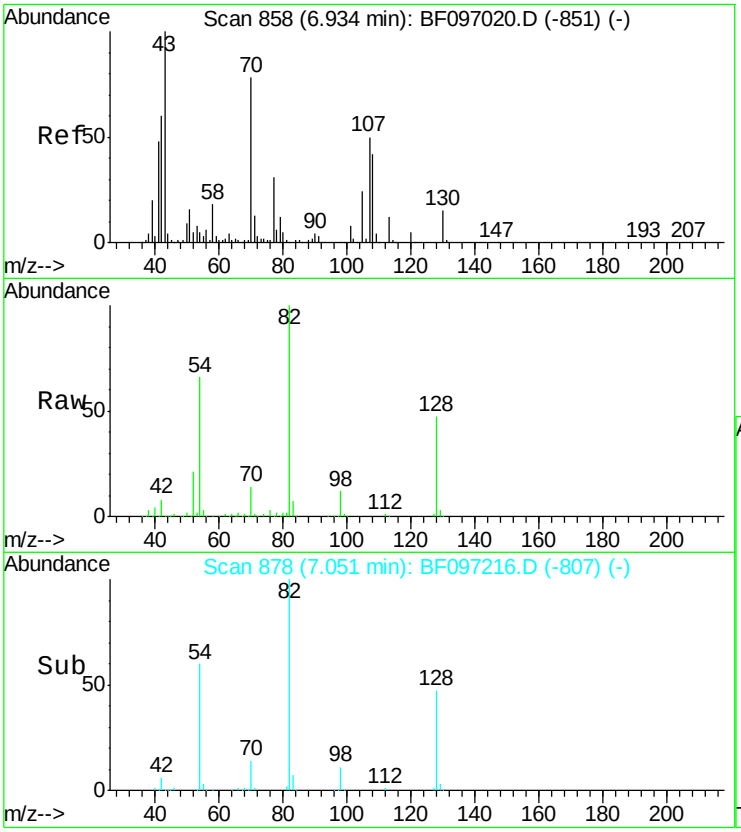


#10
Phenol
Concen: 3.94 ng
RT: 6.17 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion: 94 Resp: 44036

Ion	Ratio	Lower	Upper
94	100		
65	32.3	9.9	49.9
66	46.6	23.1	63.1



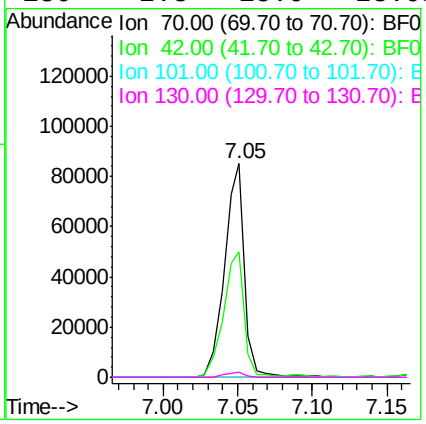


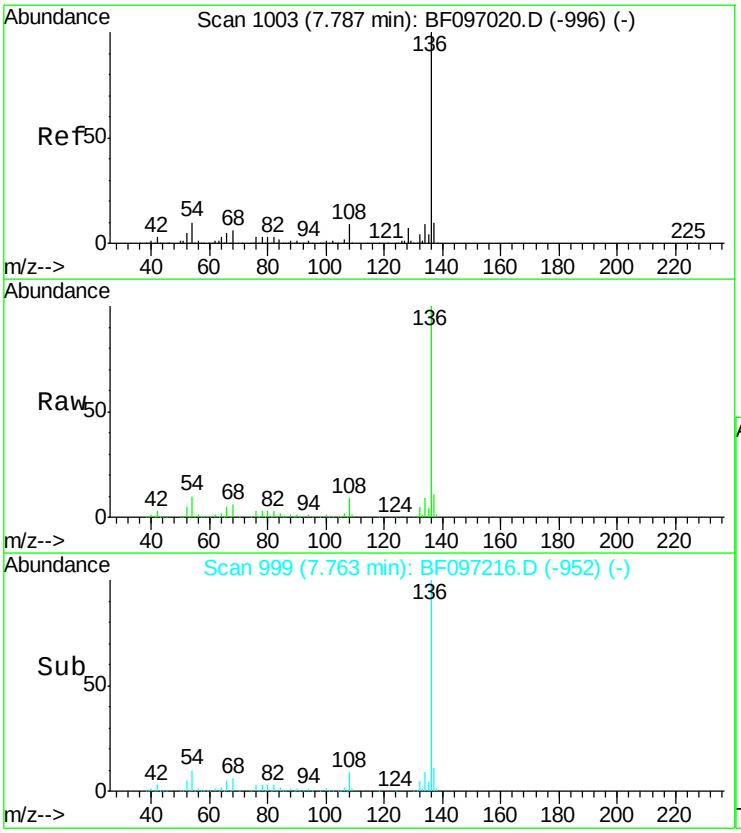
#19
n-Nitroso-di-n-propylamine
Concen: 12.94 ng
RT: 7.05 min Scan# 878
Delta R.T. 0.12 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion: 70 Resp: 80226

Ion	Ratio	Lower	Upper
70	100		
42	58.6	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#

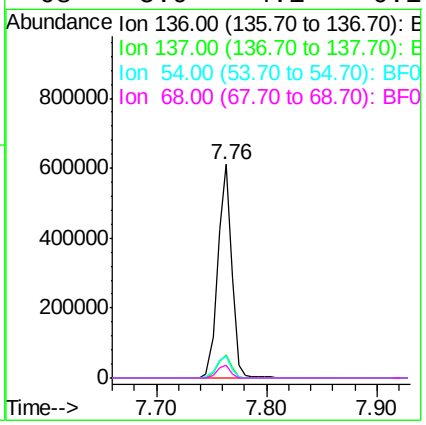


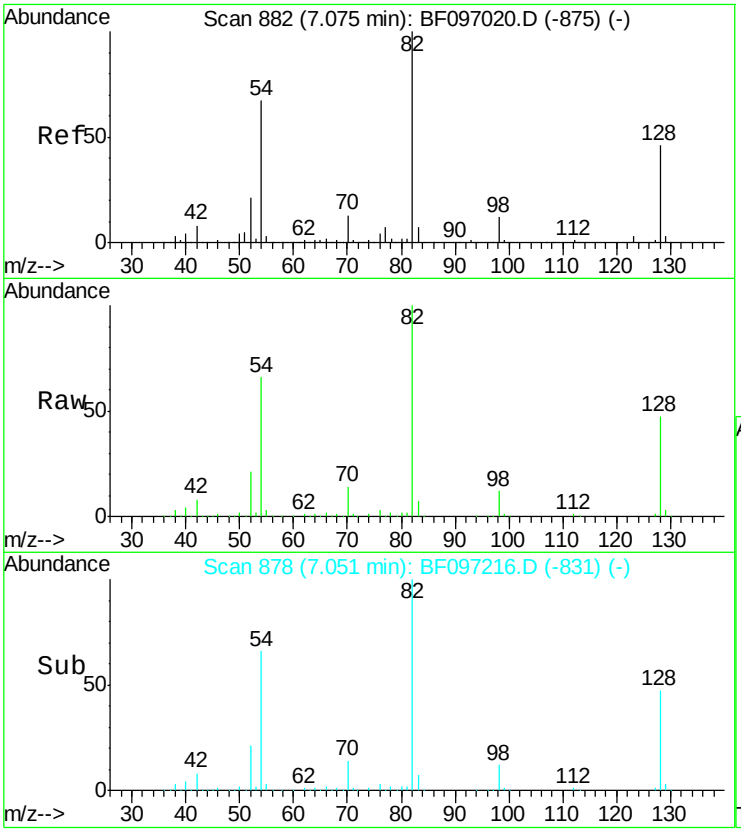


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.76 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion:136 Resp: 535527

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.5	4.9	7.3#
68	5.9	4.1	6.1



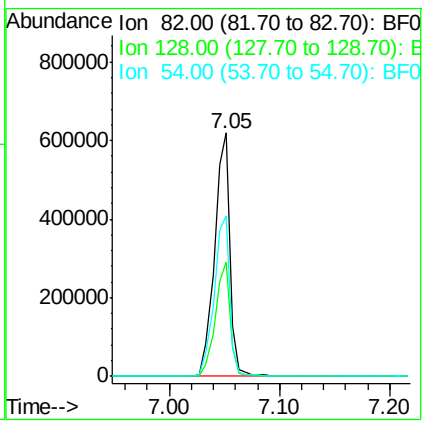


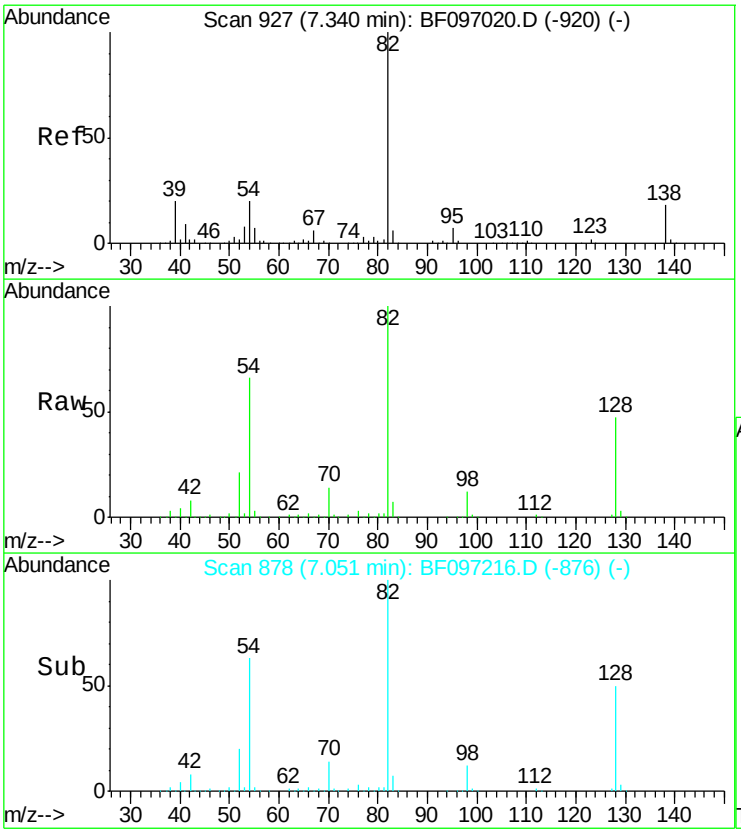
#23
Nitrobenzene-d5
Concen: 65.28 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion: 82 Resp: 595892

Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.0	51.0
54	65.8	42.2	63.2#

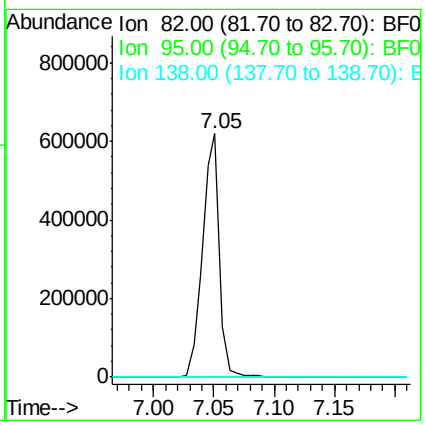


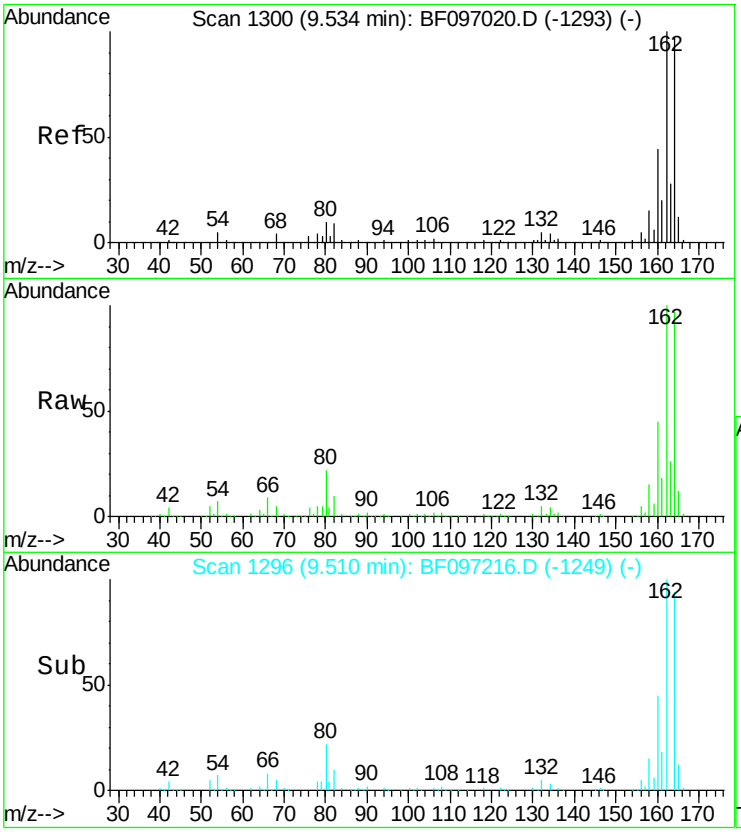


#25
Isophorone
Concen: 32.97 ng
RT: 7.05 min Scan# 878
Delta R.T. -0.29 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion: 82 Resp: 589450

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



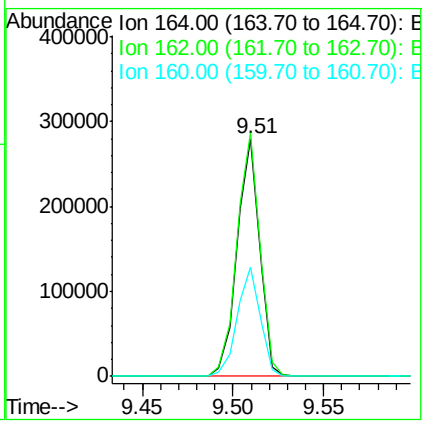


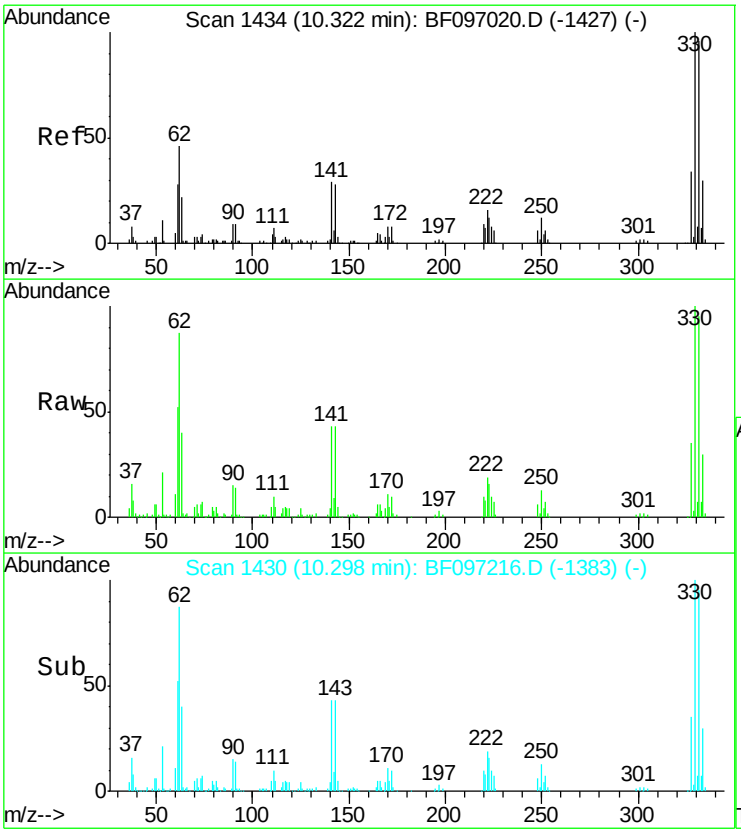
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion:164 Resp: 242018

Ion	Ratio	Lower	Upper
164	100		
162	102.6	82.6	123.8
160	45.9	36.2	54.2

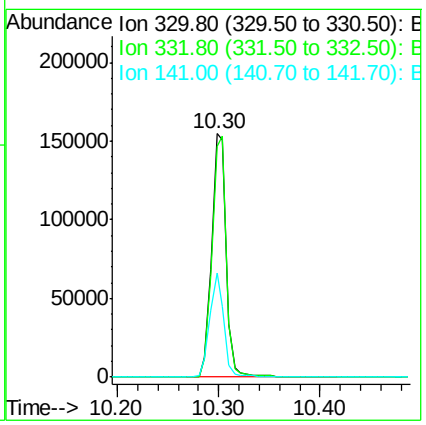


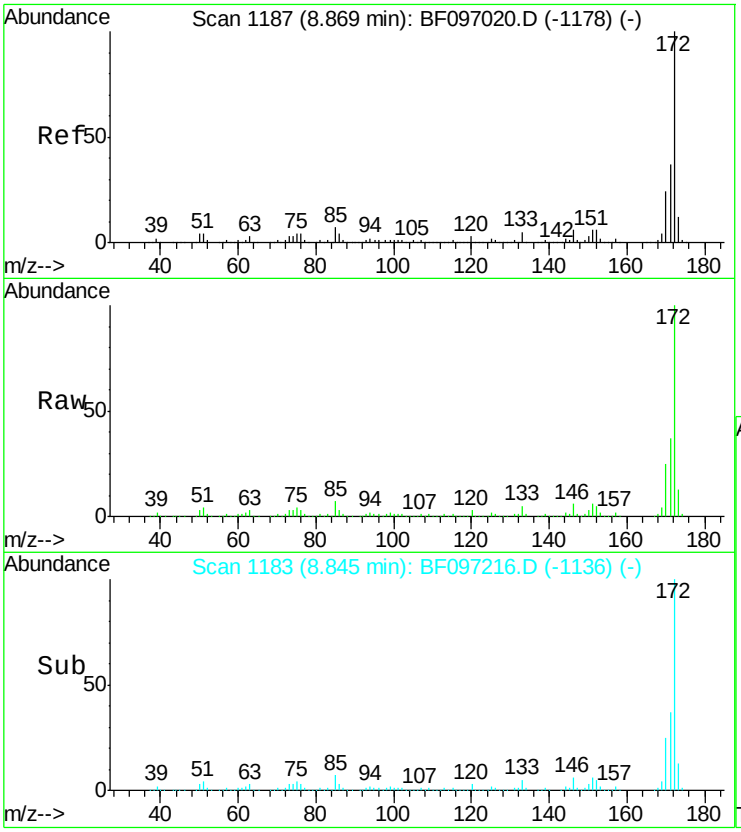


#41
2,4,6-Tribromophenol
Concen: 80.95 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion:330 Resp: 154785

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	41.2	31.4	47.2



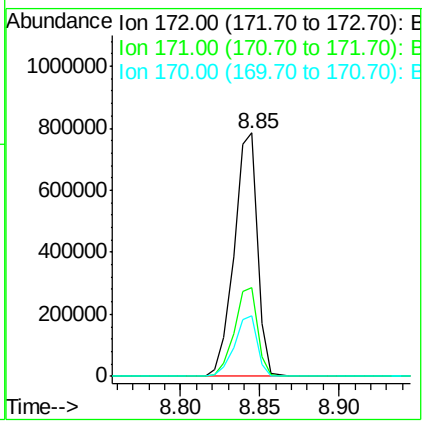


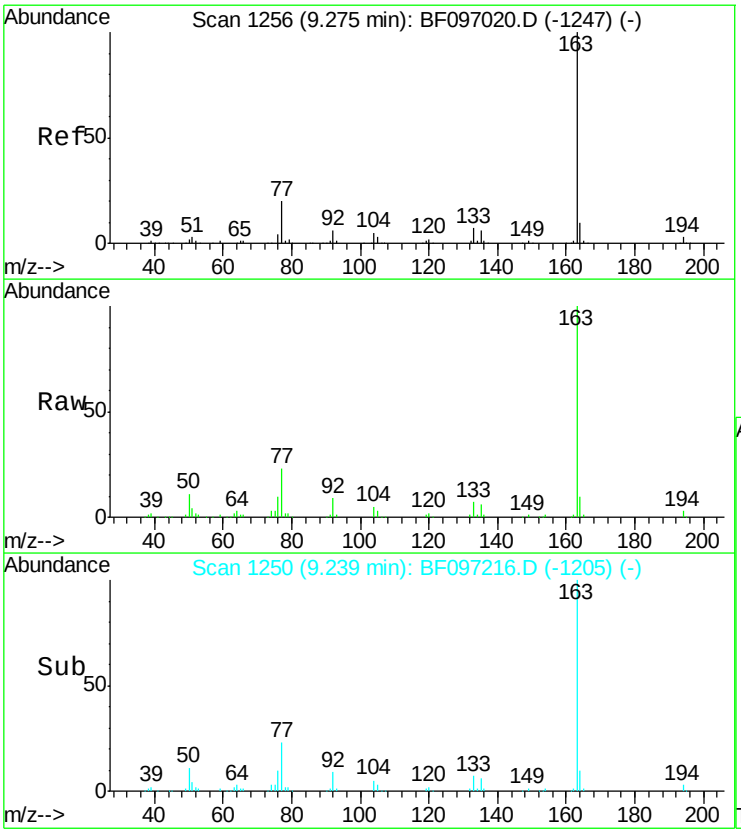
#44
2-Fluorobiphenyl
Concen: 55.97 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion:172 Resp: 798166

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.6	19.8	29.8

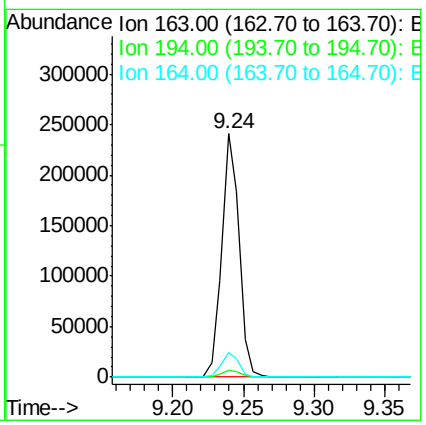


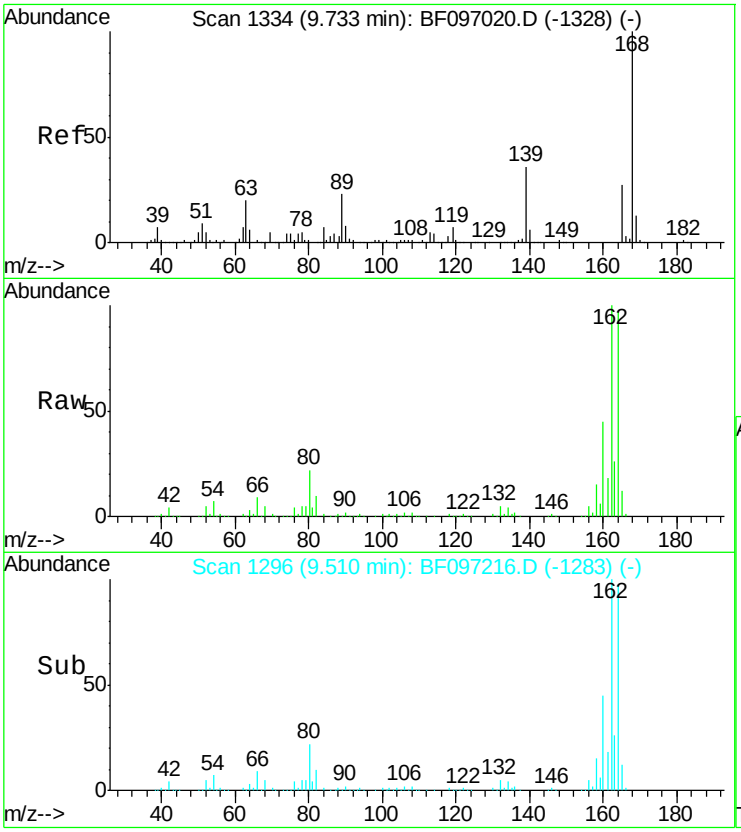


#49
Dimethylphthalate
Concen: 11.21 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion:163 Resp: 206113

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



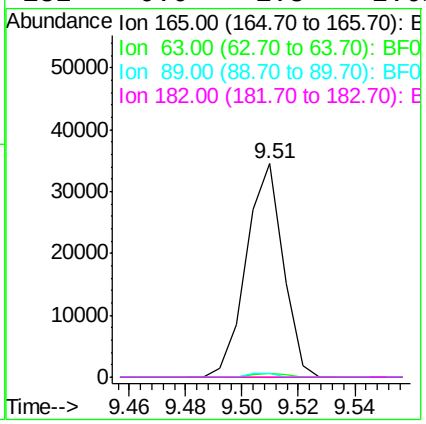


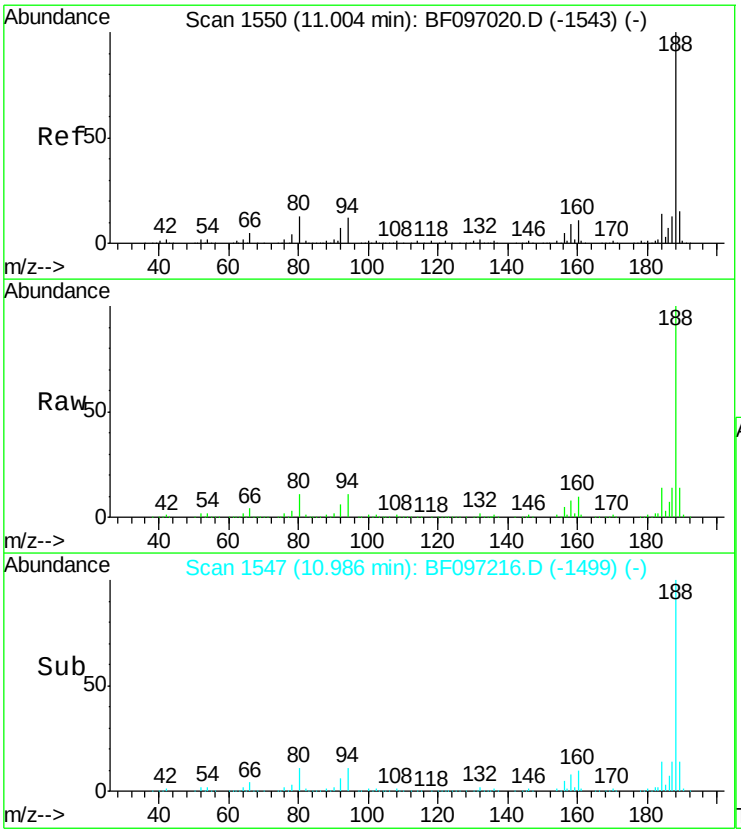
#56
2,4-Dinitrotoluene
Concen: 6.97 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion:165 Resp: 31227

Ion	Ratio	Lower	Upper
165	100		
63	1.6	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

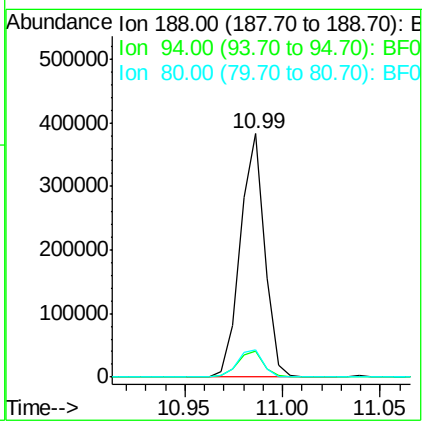


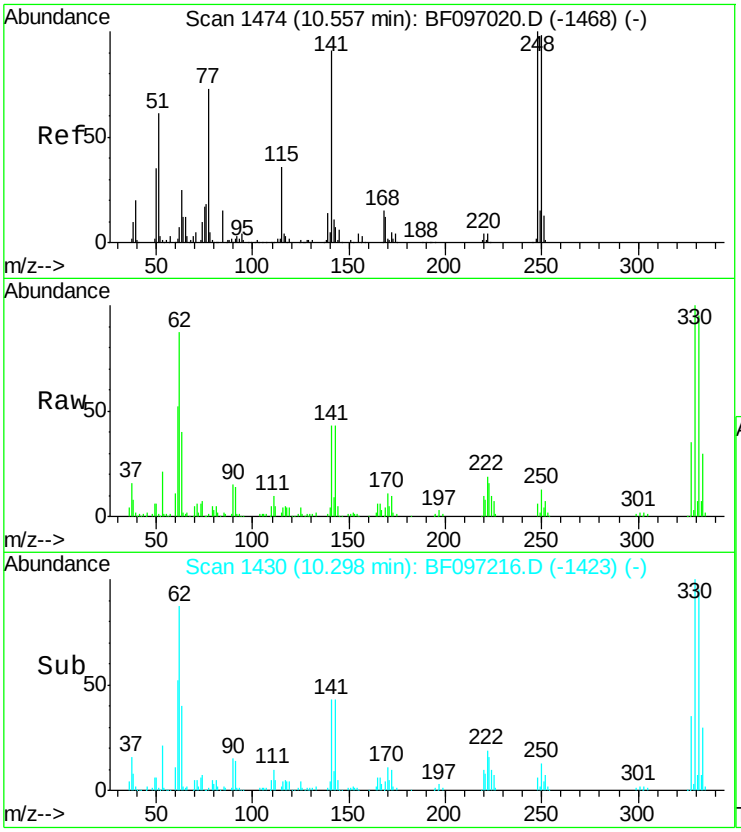


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion:188 Resp: 329514

Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	11.0	10.2	15.2



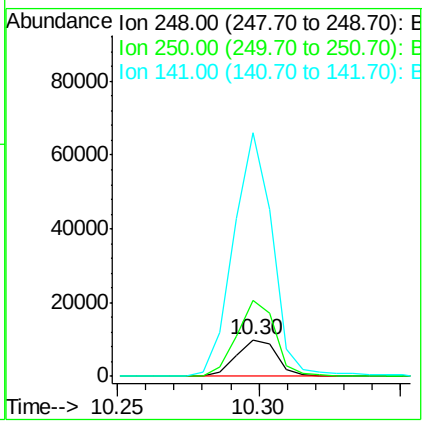


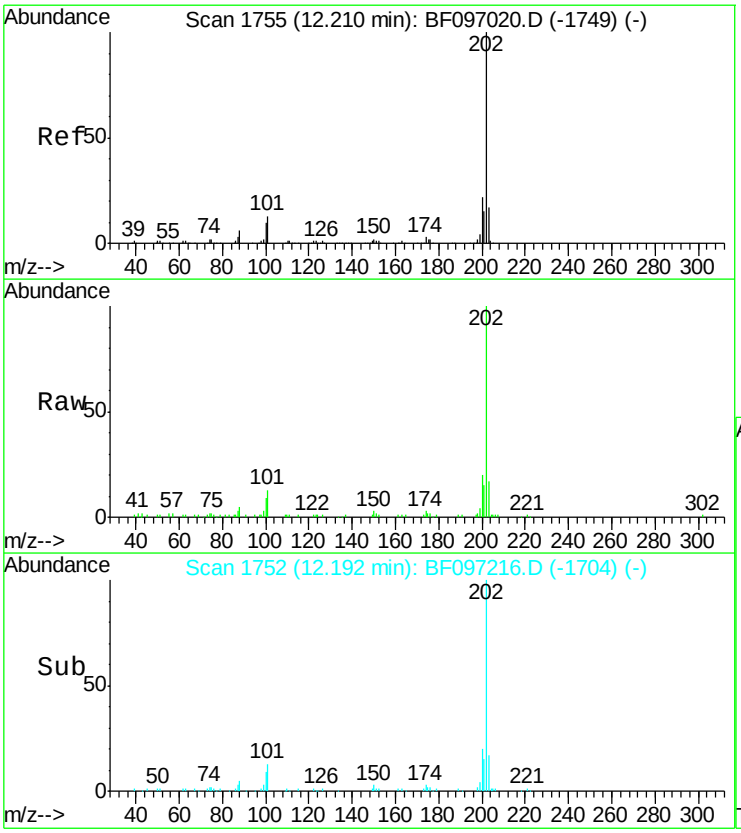
#66
4-Bromophenyl-phenylether
Concen: 2.99 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion:248 Resp: 9822

Ion	Ratio	Lower	Upper
248	100		
250	206.8	76.8	115.2#
141	663.2	68.6	103.0#

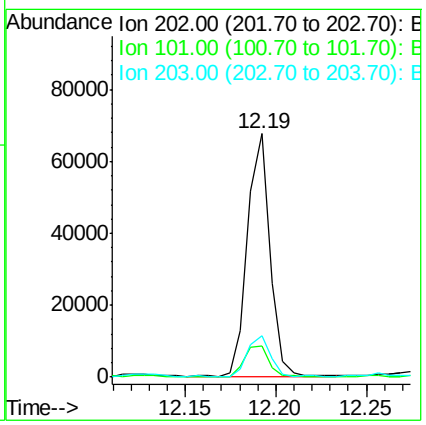


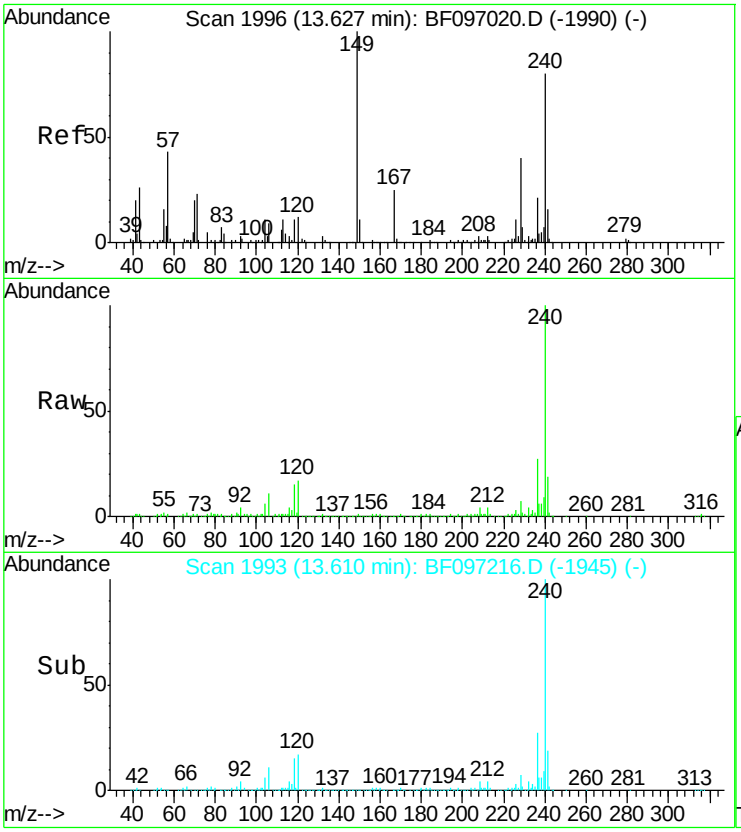


#74
Fluoranthene
Concen: 3.43 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion:202 Resp: 59300

Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.1	0.0	38.1



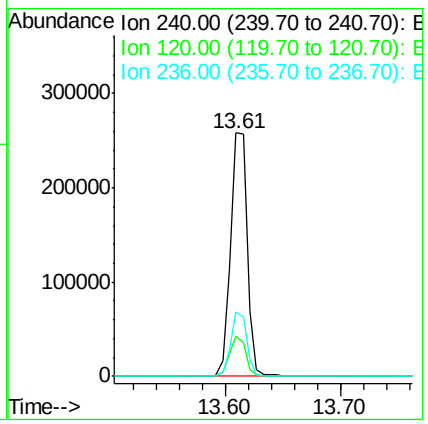


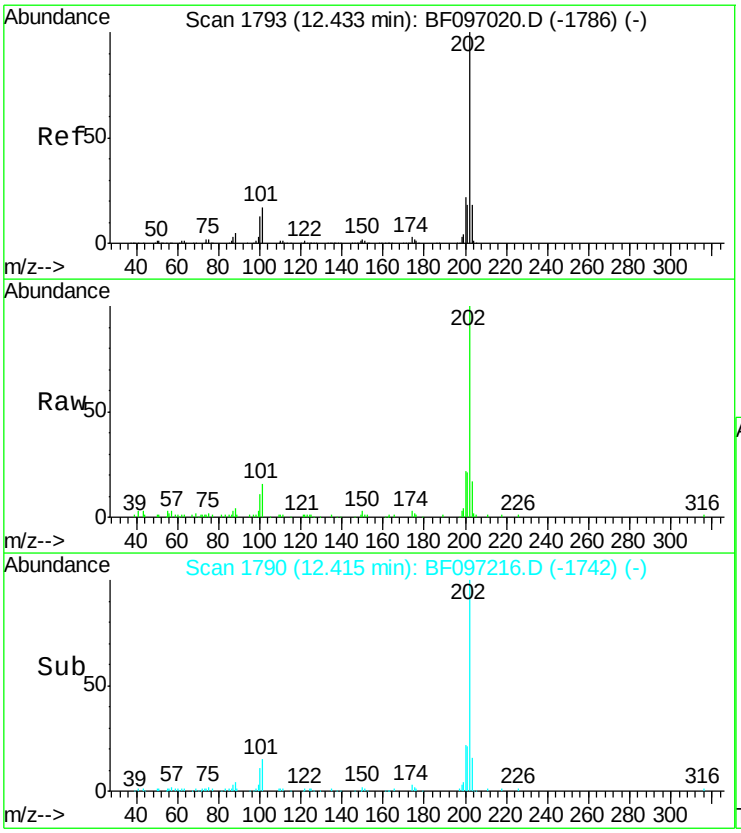
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion:240 Resp: 258939

Ion	Ratio	Lower	Upper
240	100		
120	16.7	5.8	8.8#
236	26.6	20.5	30.7

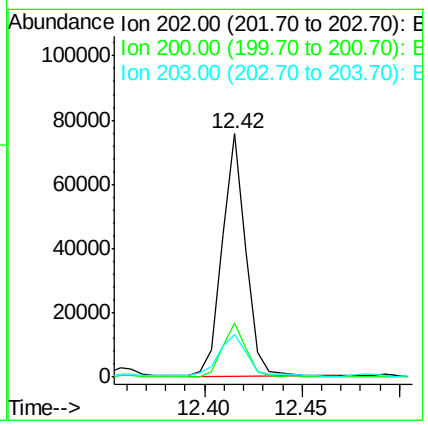


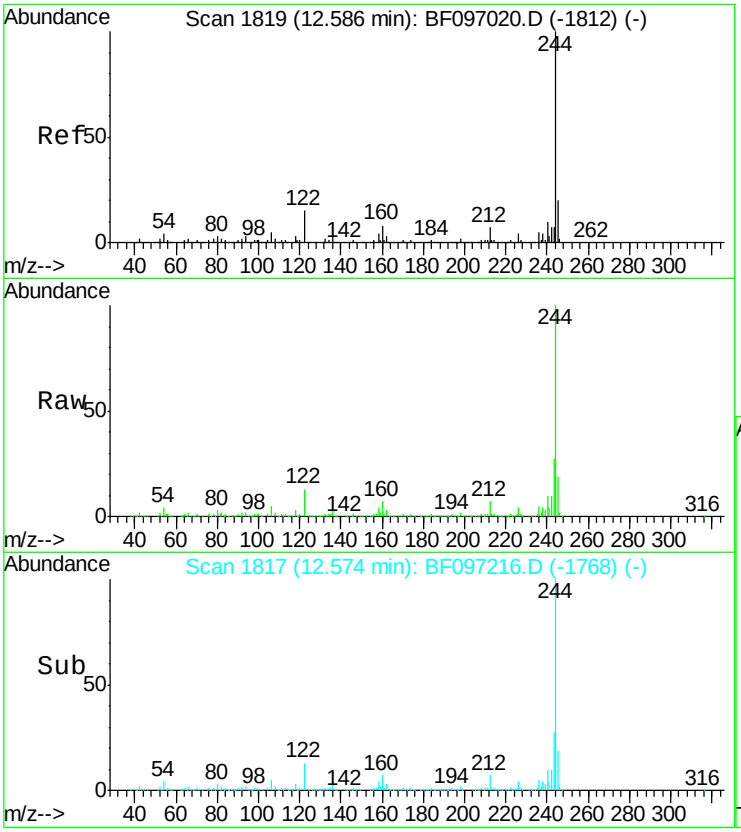


#77
Pyrene
Concen: 2.97 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion:202 Resp: 62984

Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	17.4	14.4	21.6



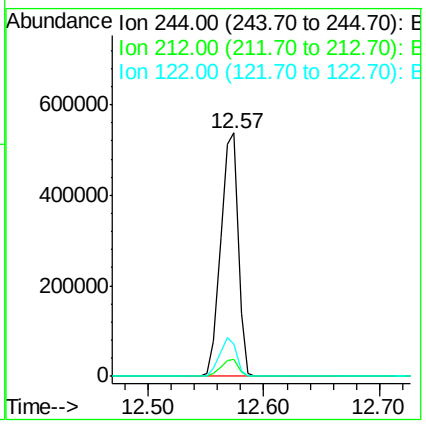


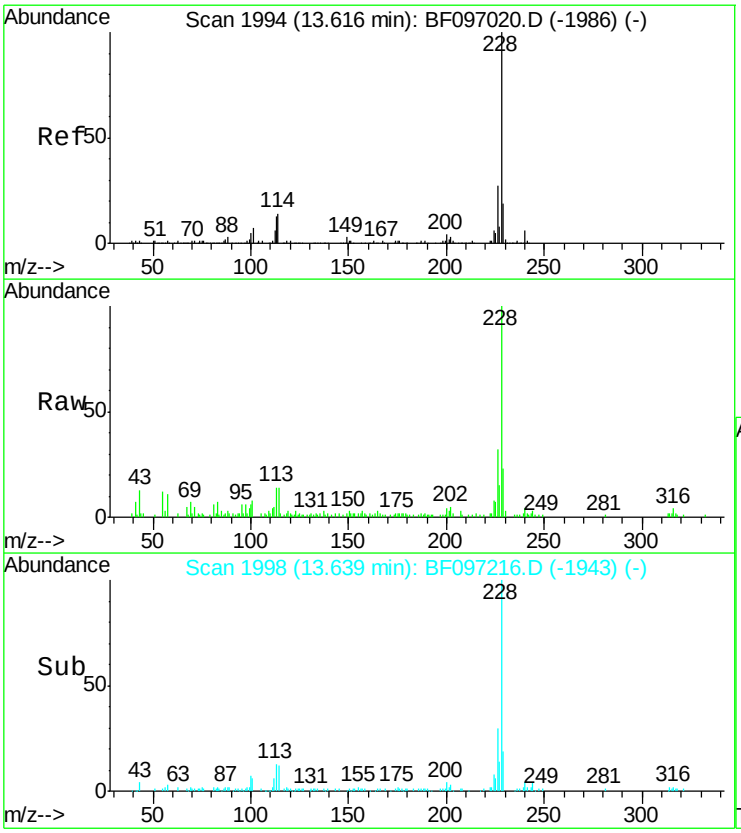
#78
Terphenyl-d14
Concen: 44.39 ng
RT: 12.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion:244 Resp: 563801

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	13.3	10.3	15.5

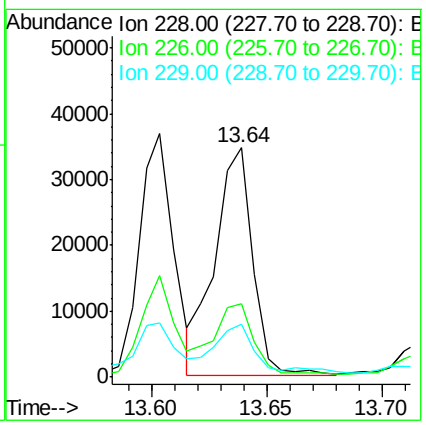


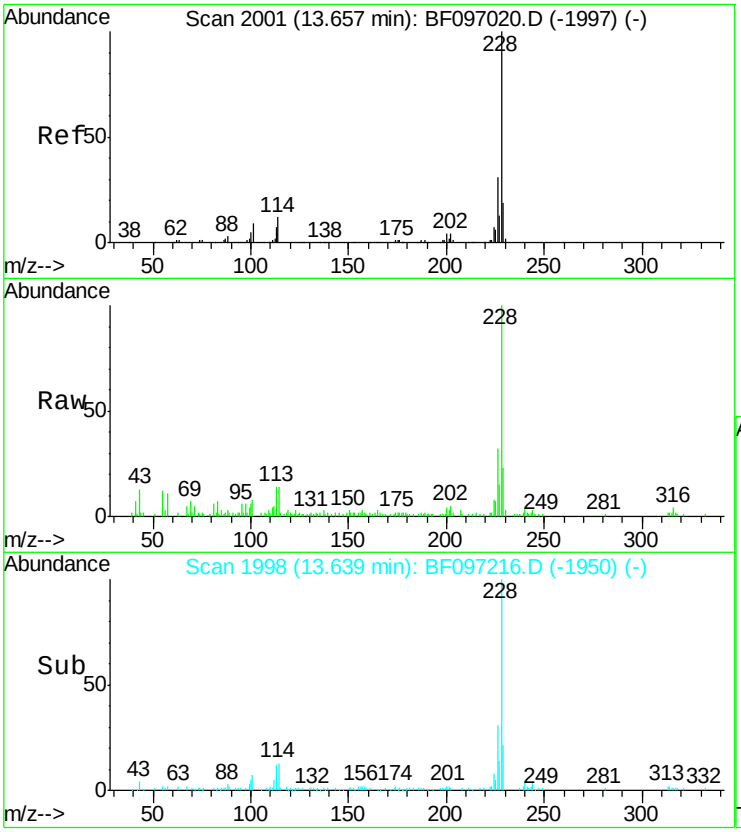


#80
Benzo(a)anthracene
Concen: 2.35 ng
RT: 13.64 min Scan# 1998
Delta R.T. 0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion:228 Resp: 39310

Ion	Ratio	Lower	Upper
228	100		
226	32.1	22.6	33.8
229	23.3	16.3	24.5



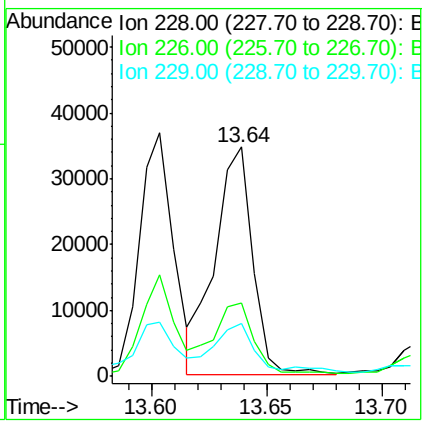


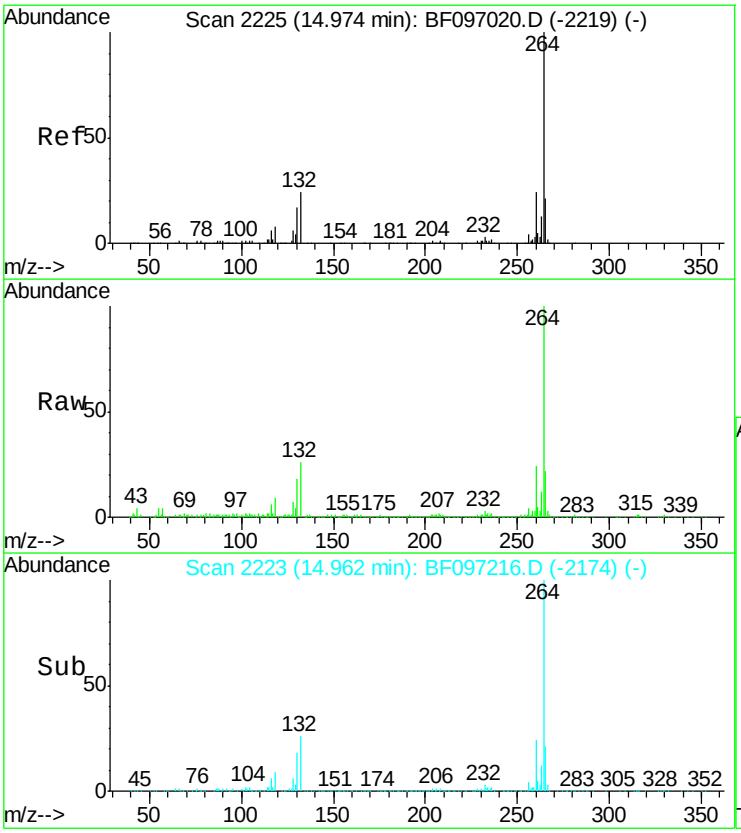
#82
Chrysene
Concen: 2.40 ng
RT: 13.64 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion:228 Resp: 39310

Ion	Ratio	Lower	Upper
228	100		
226	32.1	24.9	37.3
229	23.3	15.8	23.6

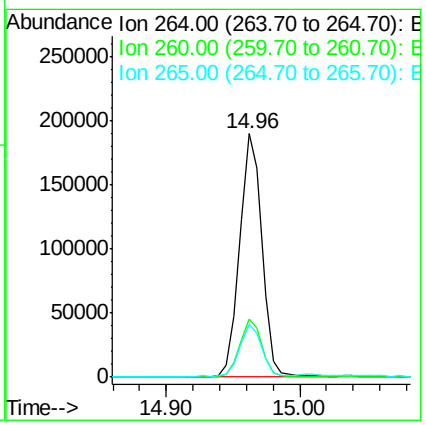


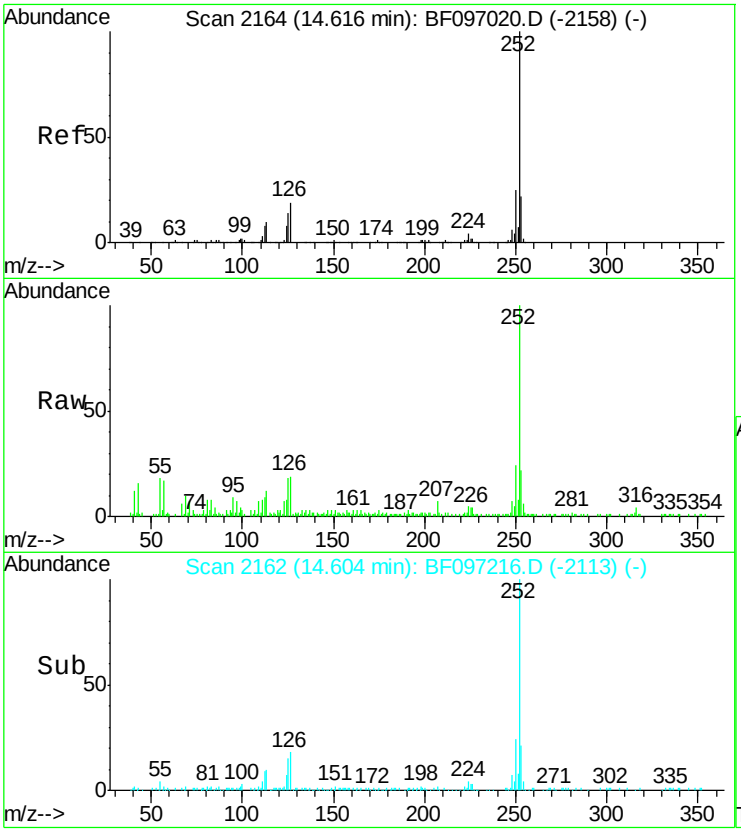


#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion:264 Resp: 219418

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.5	17.2	25.8



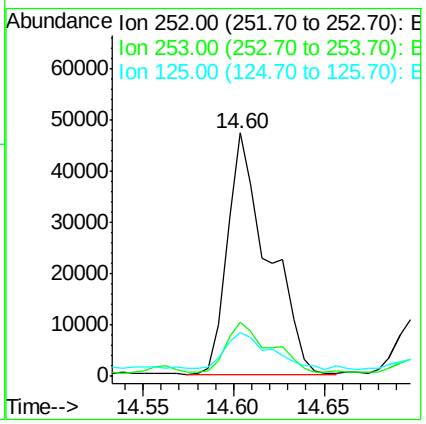


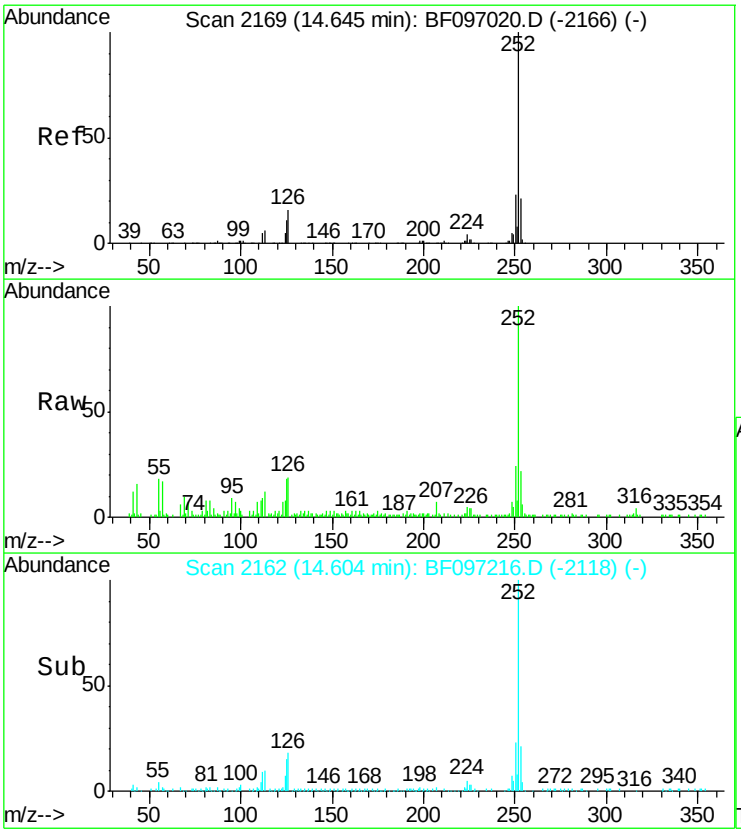
#87
Benzo(b)fluoranthene
Concen: 5.56 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion:252 Resp: 73278

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	18.0	9.8	14.8#

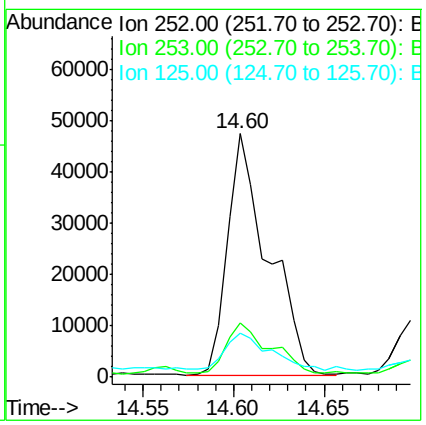


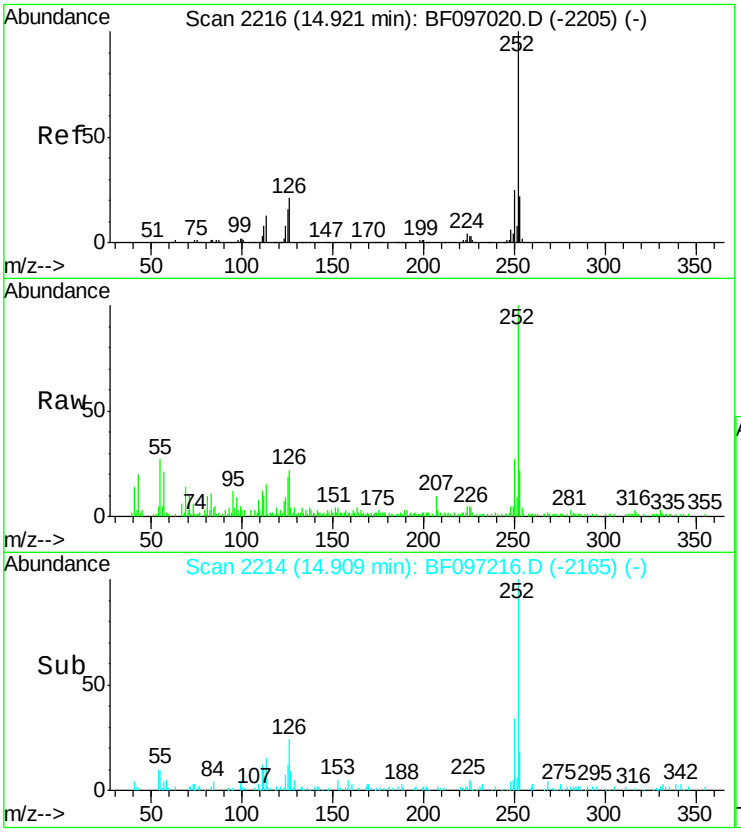


#88
Benzo(k)fluoranthene
Concen: 5.83 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.04 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion:252 Resp: 73278

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.4	27.6
125	18.0	13.1	19.7



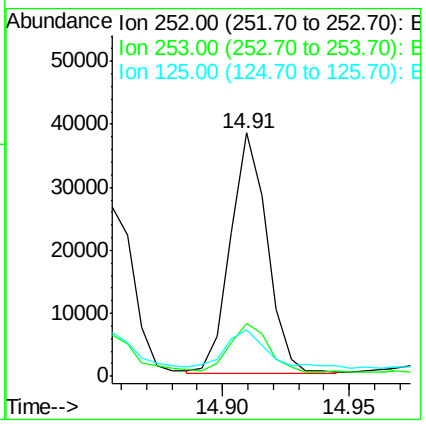


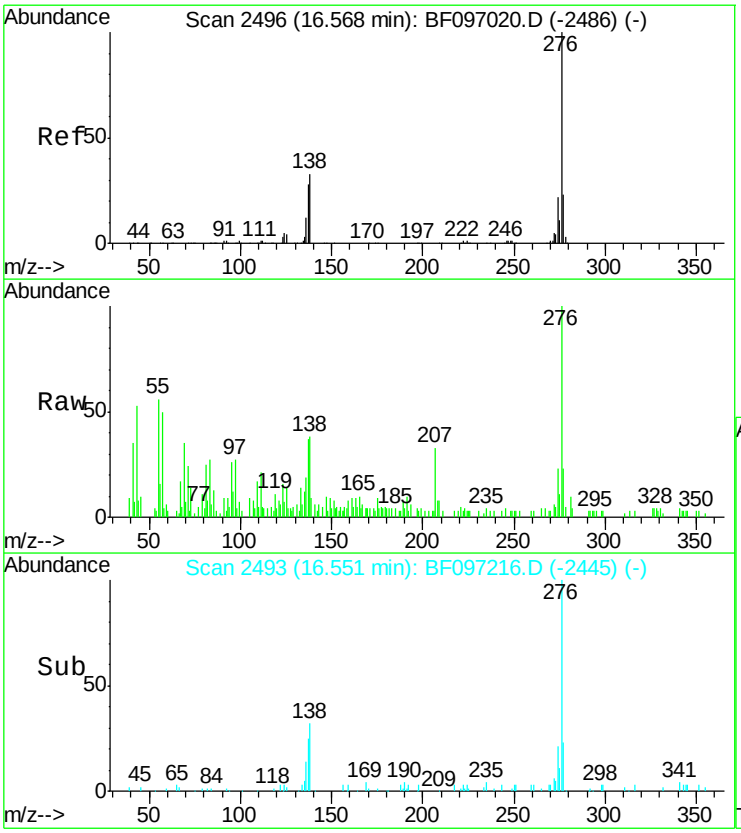
#89
Benzo(a)pyrene
Concen: 3.19 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Instrument :
BNA_F
ClientSampleId :
CL-02-072717-E

Tgt Ion:252 Resp: 38525

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	19.1	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 2.44 ng
RT: 16.55 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BF097216.D
Acq: 31 Jul 2017 19:05

Tgt Ion:276 Resp: 25305

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.6	28.0
138	38.1	25.4	38.0#