Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072817\
Data File : BF097175.D
Acq On : 29 Jul 2017 1:10
Operator : SJ/JU
Sample : I4456-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-14D24

Quant Time: Jul 29 01:52:56 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	6.49	152	110087	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	438021	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	157448	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	188680	20.00	ng		-0.02
75) Chrysene-d12	13.61	240	184915	20.00	ng		-0.02
86) Perylene-d12	14.96	264	165343	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.09	112	697384	95.50	ng		0.00
7) Phenol-d6	6.15	99	924761	110.92	ng		-0.02
23) Nitrobenzene-d5	7.06	82	583399	78.13	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	115890	93.16	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	685666	73.91	ng		-0.02
78) Terphenyl-d14	12.57	244	381294	42.04	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.16	94	27283	2.76	ng		96
19) n-Nitroso-di-n-propylamine	7.06	70	76150	13.88	ng	#	86
25) Isophorone	7.06	82	578218	39.54	ng	#	67
49) Dimethylphthalate	9.25	163	135525	11.33	ng		98
56) 2,4-Dinitrotoluene	9.51	165	19419	6.66	ng	#	32
66) 4-Bromophenyl-phenylether	10.30	248	7520	3.99	ng	#	1
70) Phenanthrene	11.01	178	32596	3.22	ng		96
74) Fluoranthene	12.19	202	47377	4.78	ng		99
77) Pyrene	12.42	202	40935	2.70	ng		99
80) Benzo(a)anthracene	13.60	228	25326	2.12	ng		96
82) Chrysene	13.63	228	24583	2.10	ng		96
87) Benzo(b)fluoranthene	14.60	252	33533	3.37	ng	#	89
88) Benzo(k)fluoranthene	14.60	252	33533	3.54	ng	#	93
89) Benzo(a)pyrene	14.91	252	18854	2.07	ng	#	91

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

Quantitation Report (Not Reviewed)

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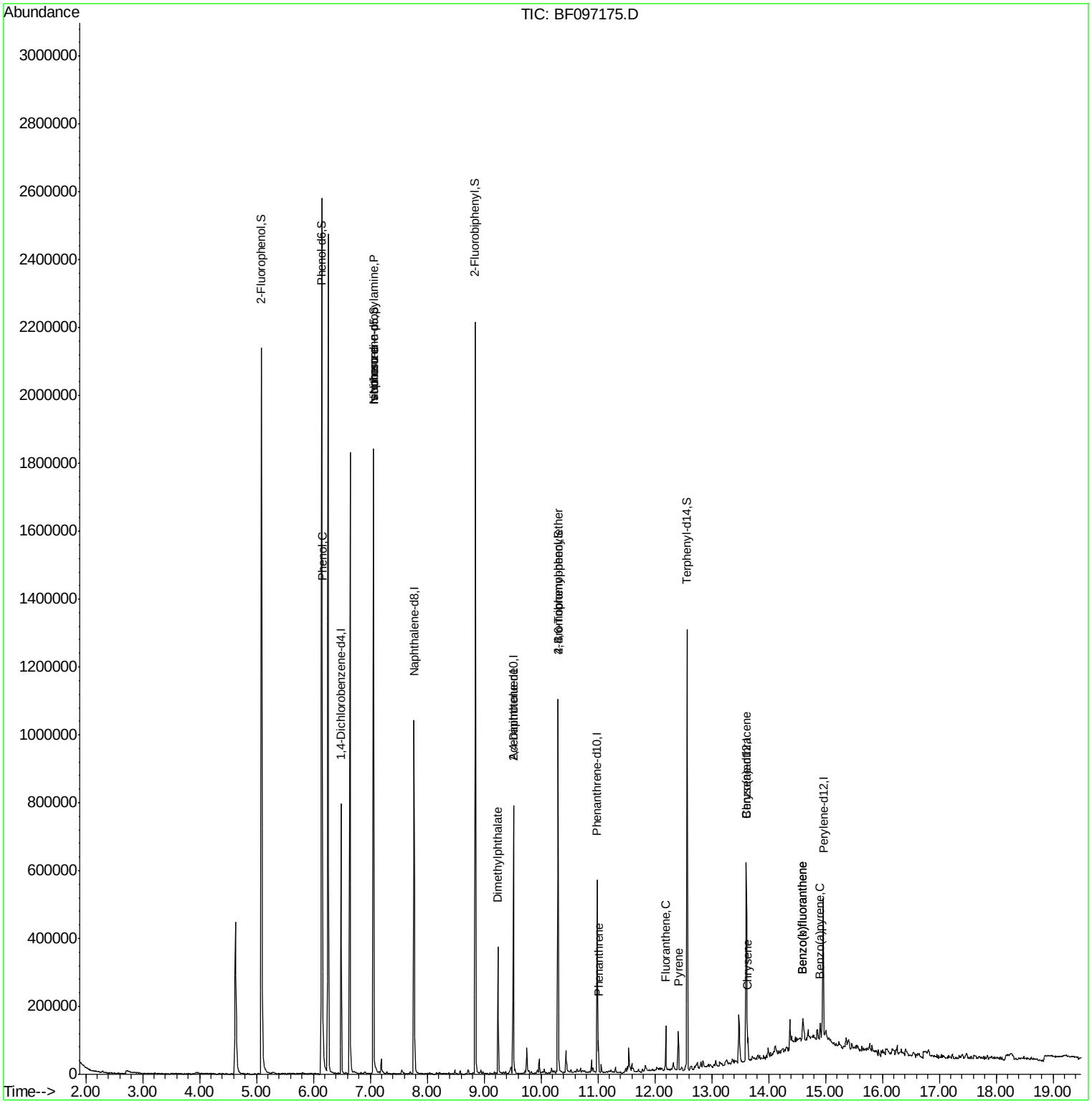
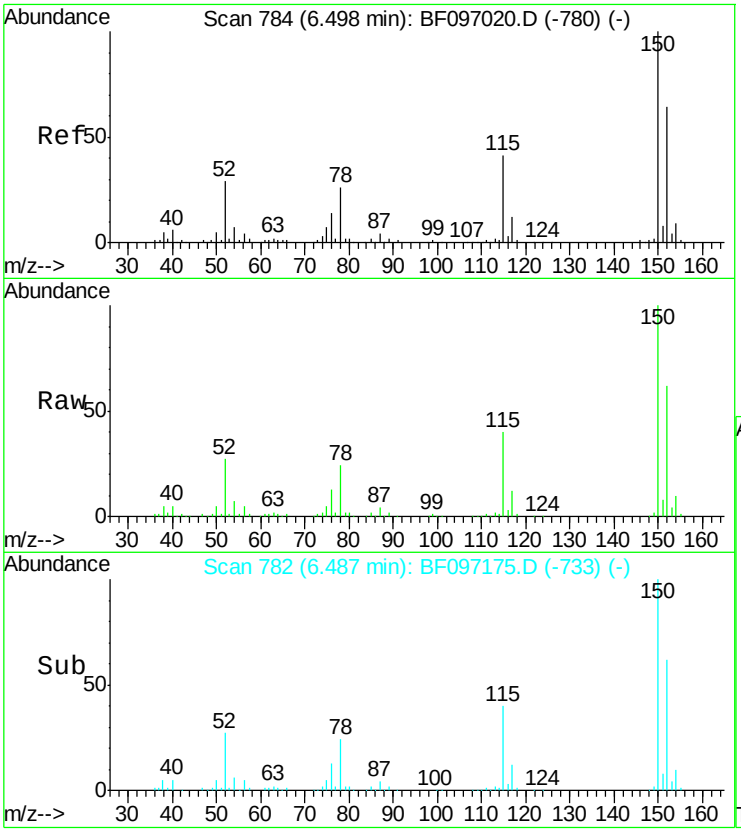


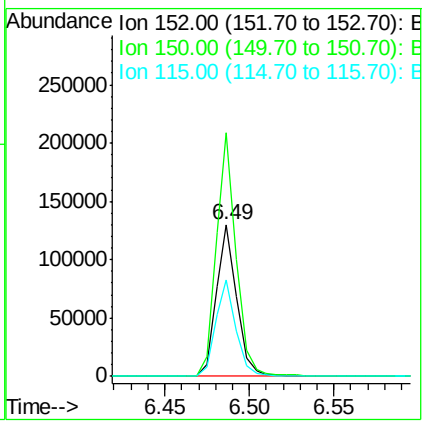


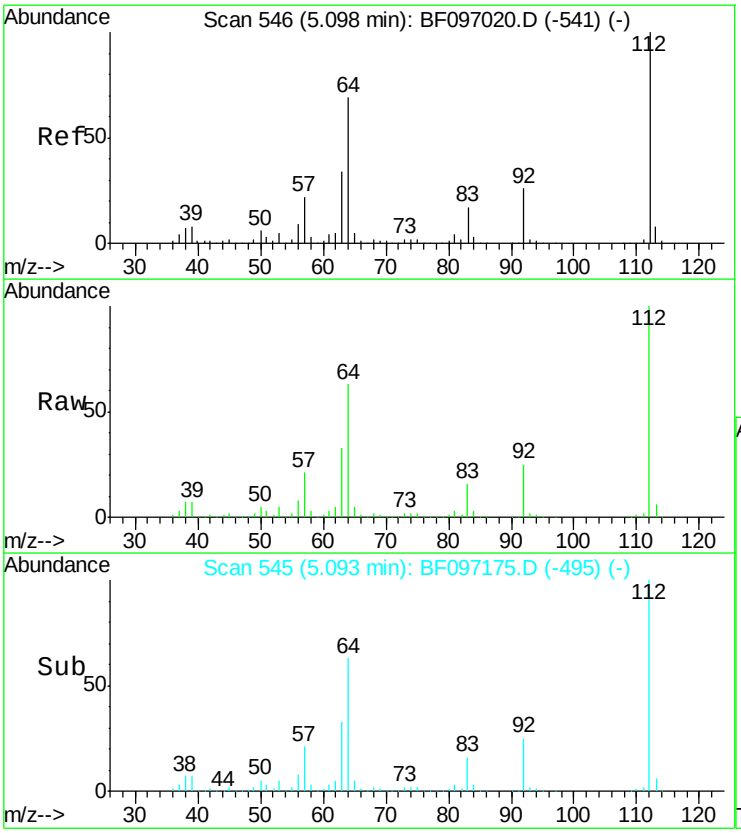
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.49 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion:152 Resp: 110087

Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	63.2	52.2	78.2

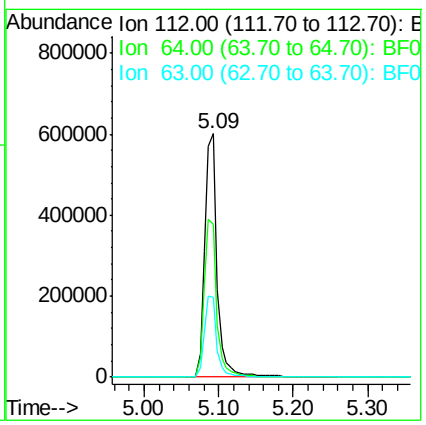


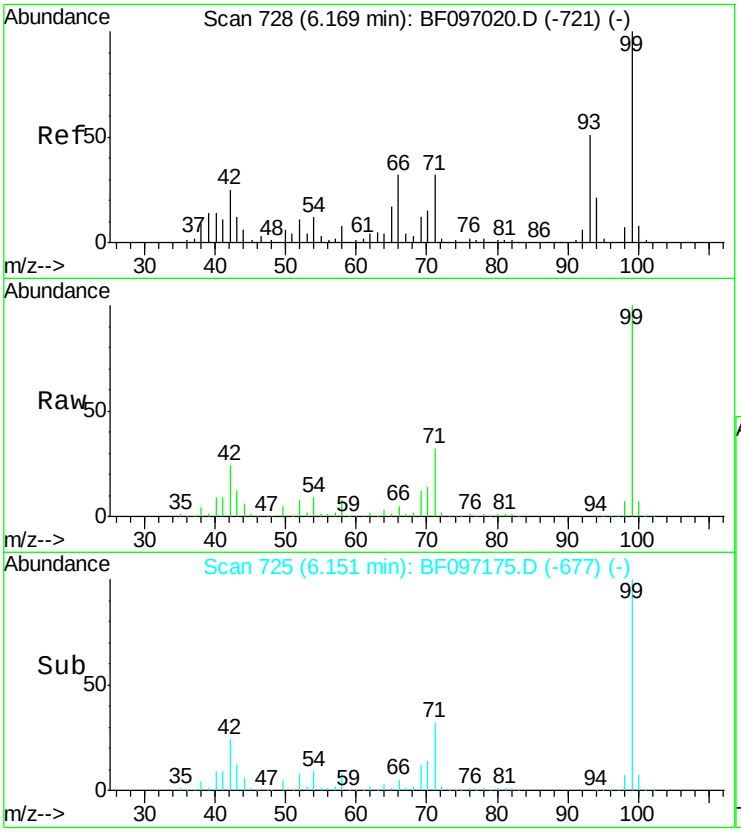


#5
2-Fluorophenol
Concen: 95.50 ng
RT: 5.09 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion:112 Resp: 697384

Ion	Ratio	Lower	Upper
112	100		
64	62.9	46.0	69.0
63	32.7	23.4	35.0



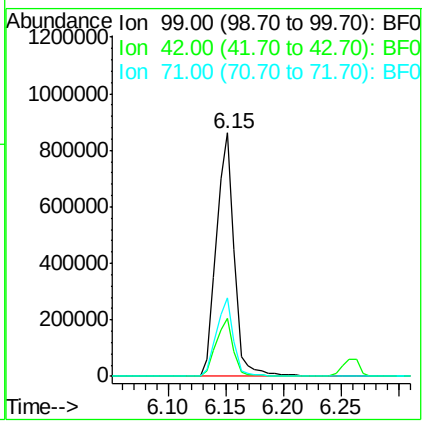


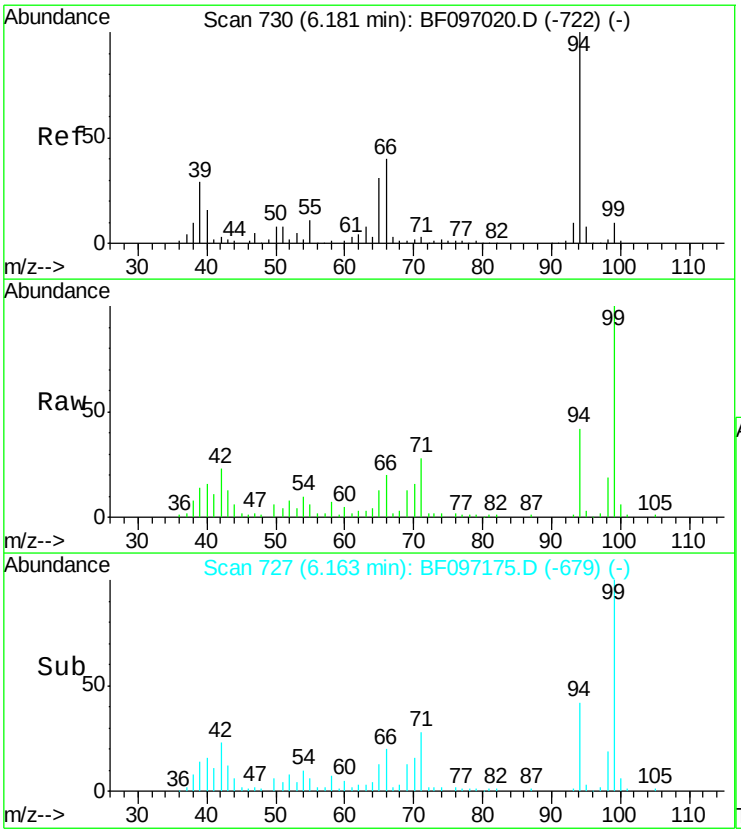
#7
Phenol-d6
Concen: 110.92 ng
RT: 6.15 min Scan# 725
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion: 99 Resp: 924761

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	32.2	24.5	36.7

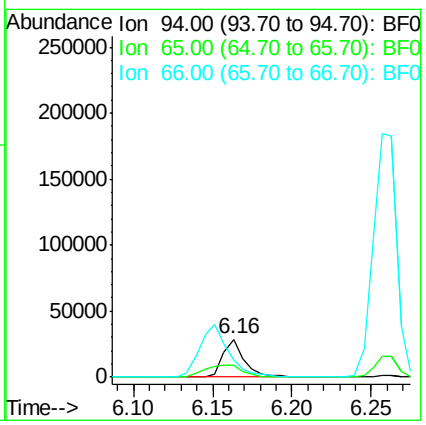


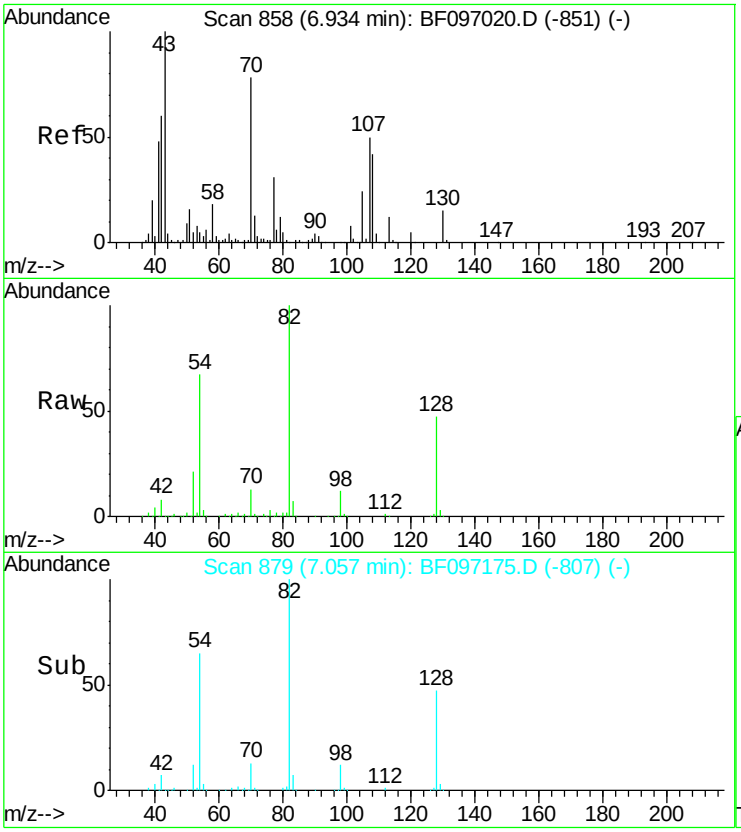


#10
Phenol
Concen: 2.76 ng
RT: 6.16 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion: 94 Resp: 27283

Ion	Ratio	Lower	Upper
94	100		
65	31.3	9.9	49.9
66	46.2	23.1	63.1



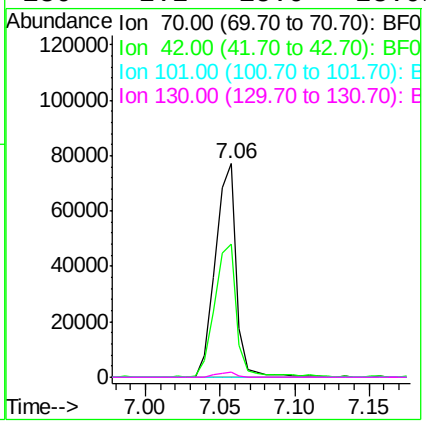


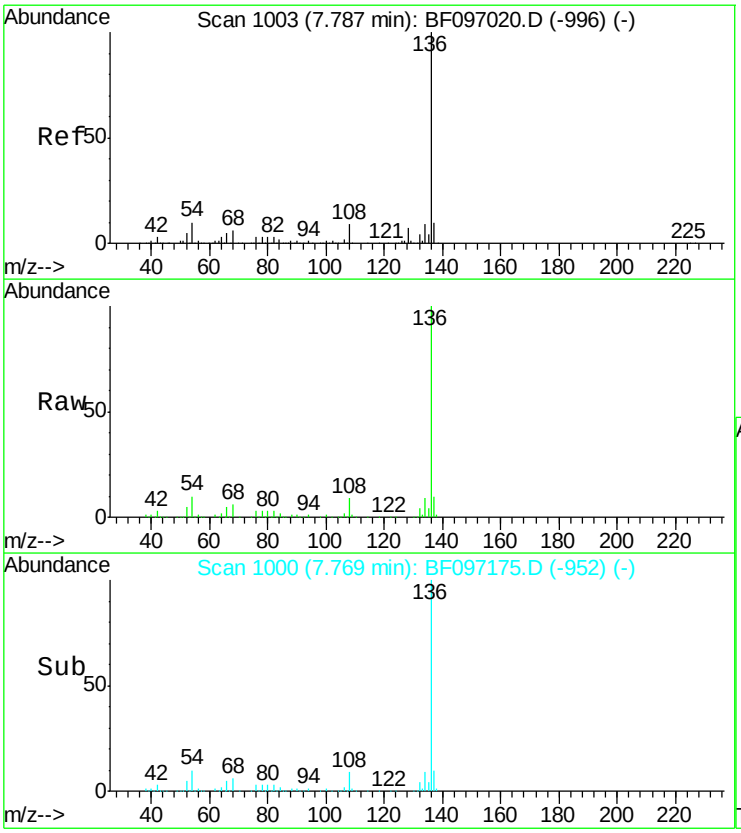
#19
n-Nitroso-di-n-propylamine
Concen: 13.88 ng
RT: 7.06 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion: 70 Resp: 76150

Ion	Ratio	Lower	Upper
70	100		
42	62.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

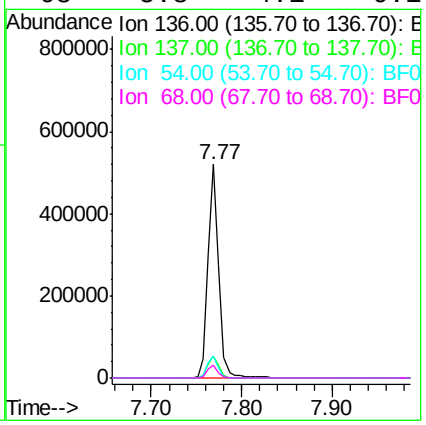


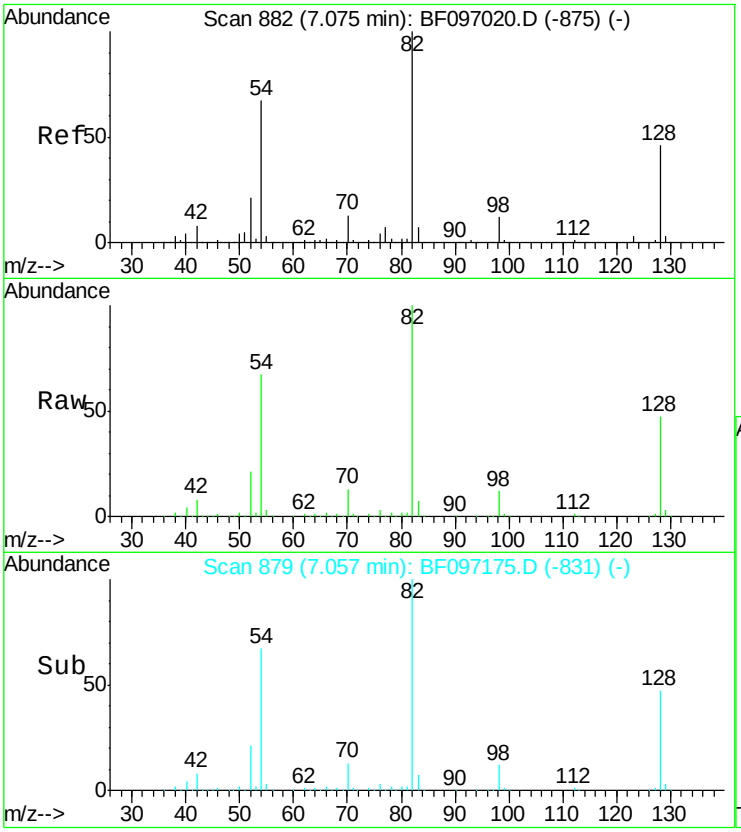


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion:136 Resp: 438021

Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	10.2	4.9	7.3#
68	5.8	4.1	6.1



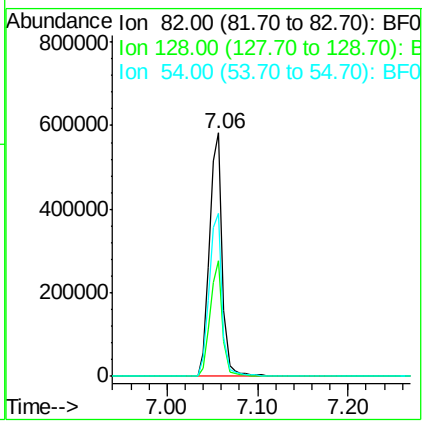


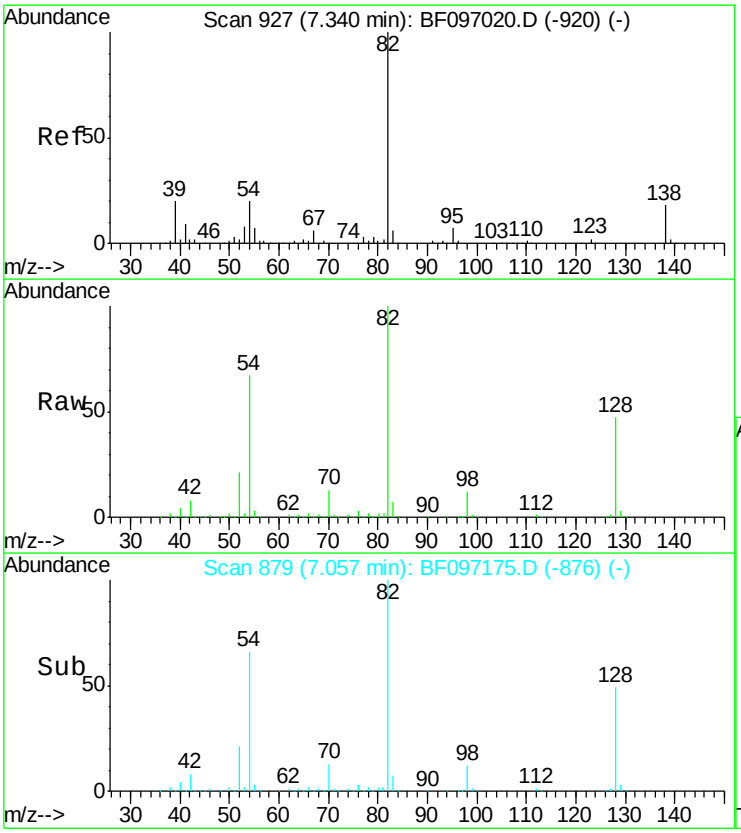
#23
Nitrobenzene-d5
Concen: 78.13 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion: 82 Resp: 583399

Ion	Ratio	Lower	Upper
82	100		
128	47.3	34.0	51.0
54	67.0	42.2	63.2#

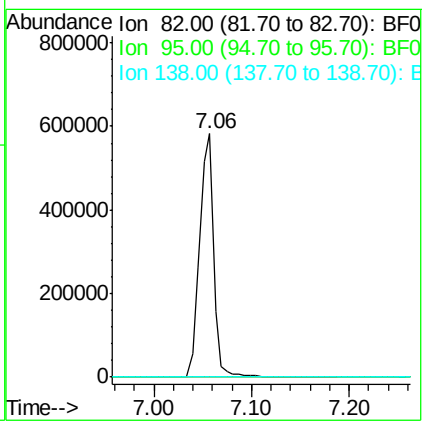


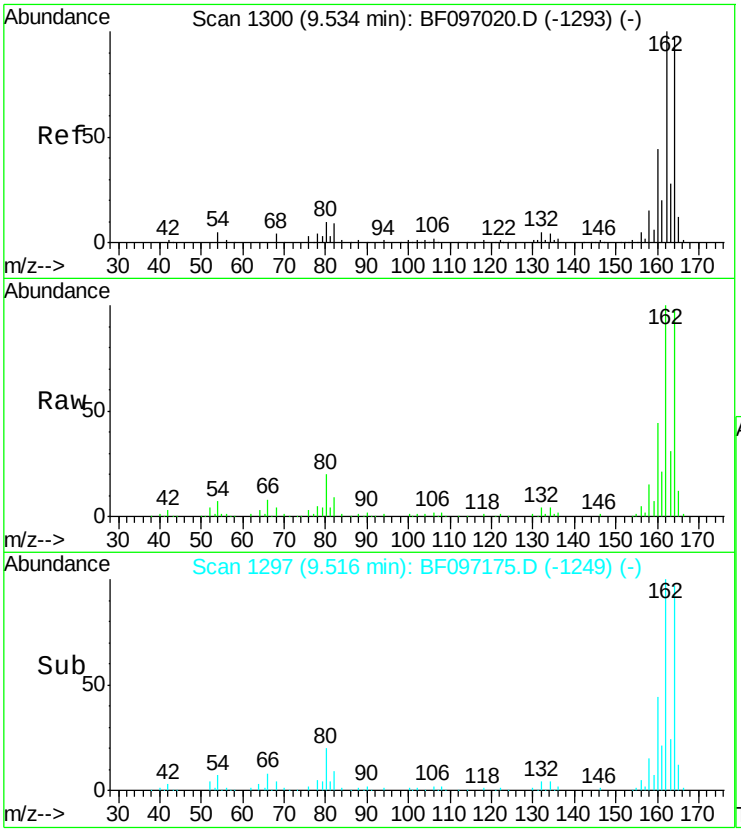


#25
Isophorone
Concen: 39.54 ng
RT: 7.06 min Scan# 879
Delta R.T. -0.28 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion: 82 Resp: 578218

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



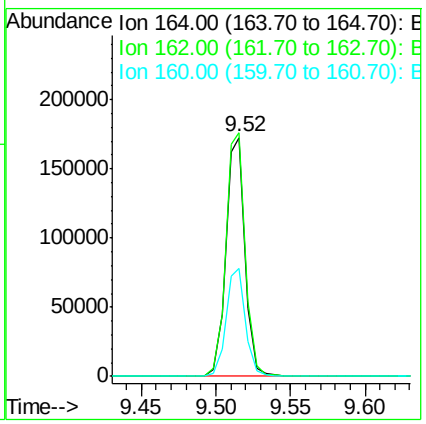


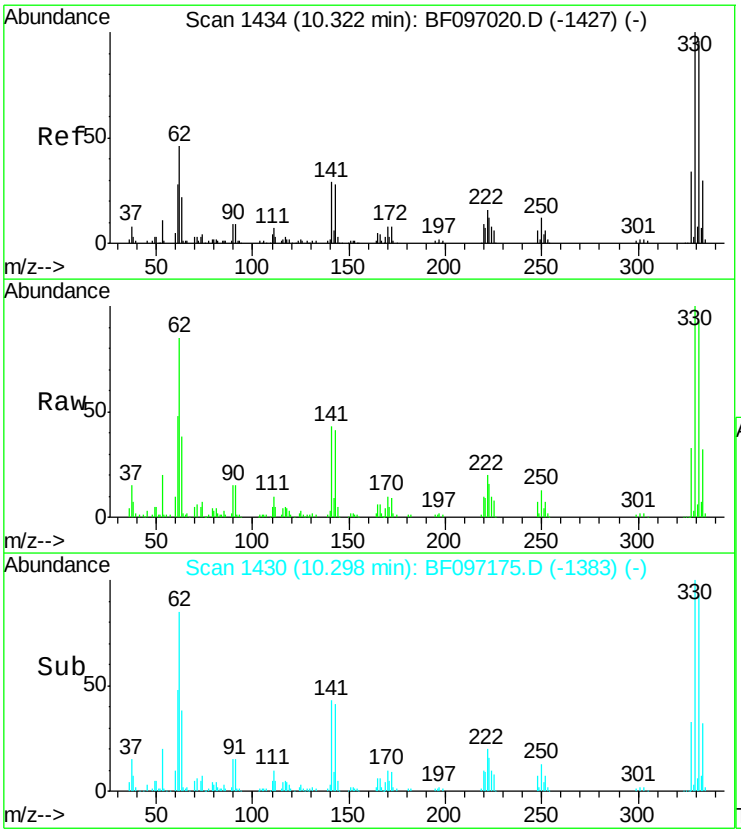
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.52 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion:164 Resp: 157448

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	45.2	36.2	54.2

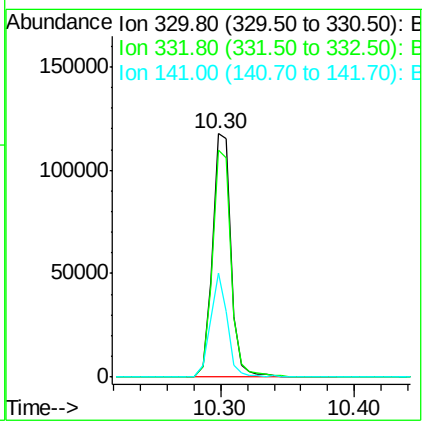


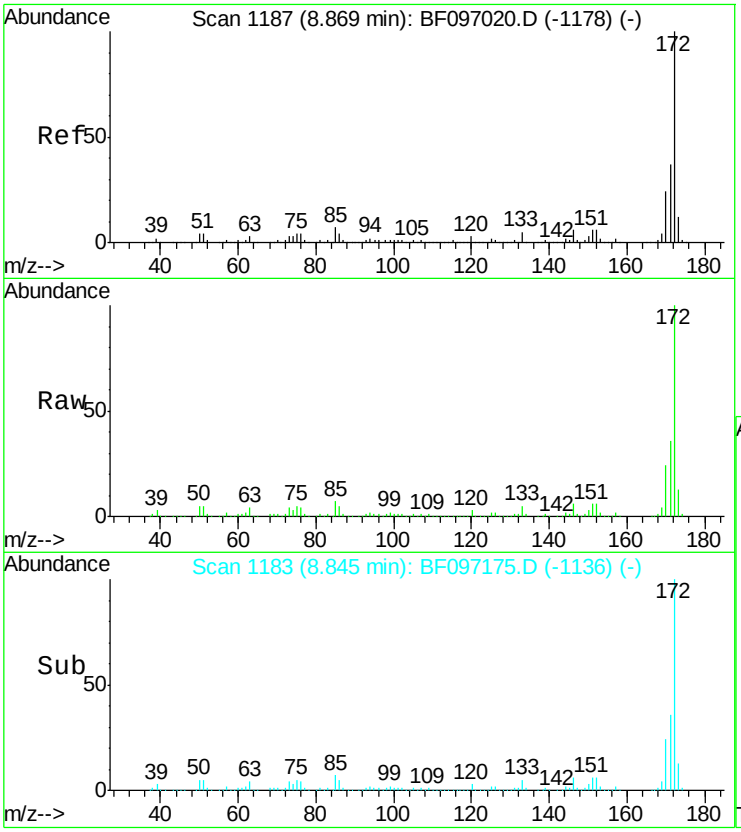


#41
2,4,6-Tribromophenol
Concen: 93.16 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion:330 Resp: 115890

Ion	Ratio	Lower	Upper
330	100		
332	94.0	76.6	115.0
141	38.9	31.4	47.2



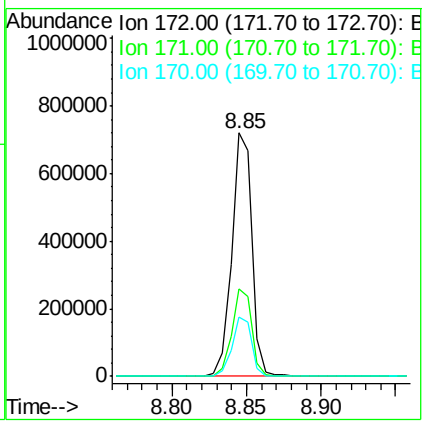


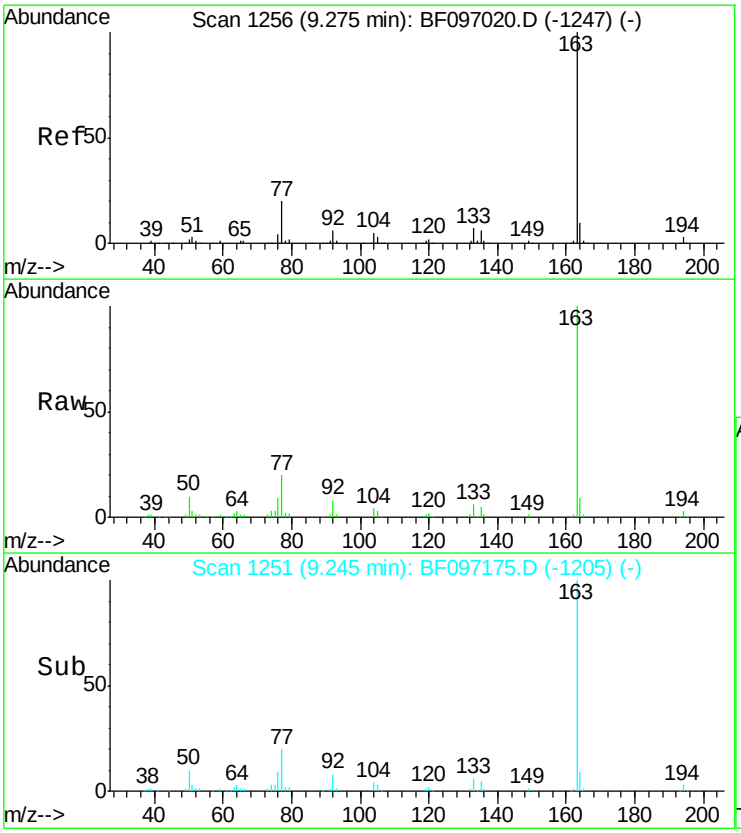
#44
2-Fluorobiphenyl
Concen: 73.91 ng
RT: 8.85 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion:172 Resp: 685666

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	24.1	19.8	29.8

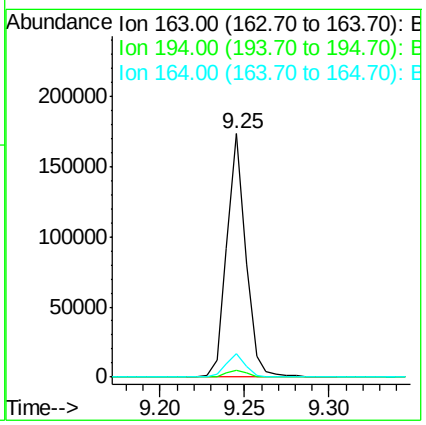


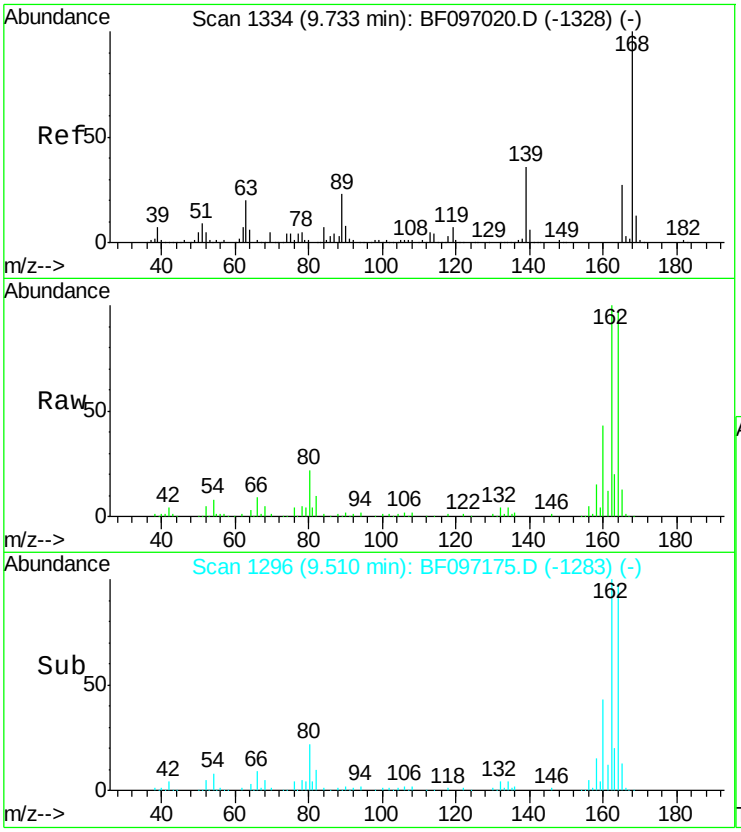


#49
Dimethylphthalate
Concen: 11.33 ng
RT: 9.25 min Scan# 1251
Delta R.T. -0.03 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion:163 Resp: 135525

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	9.5	8.4	12.6



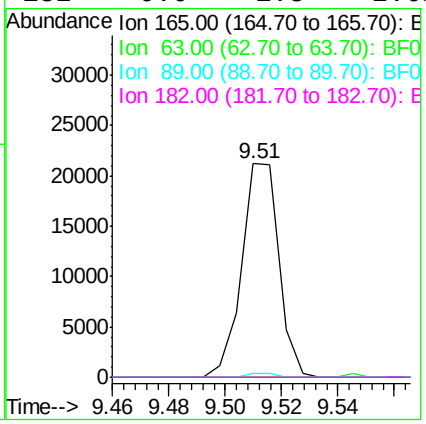


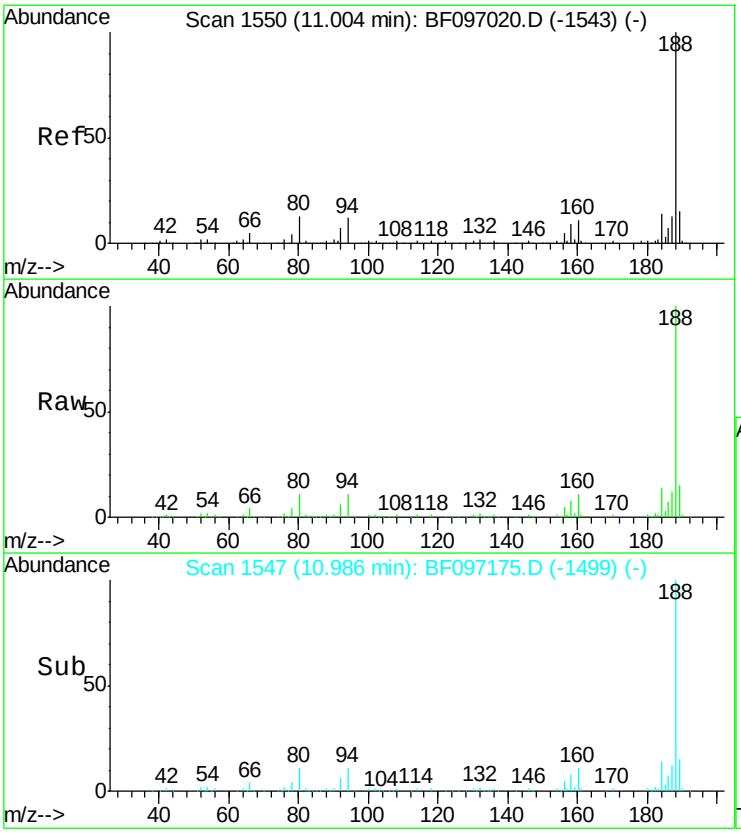
#56
2,4-Dinitrotoluene
Concen: 6.66 ng
RT: 9.51 min Scan# 1296
Delta R.T. -0.22 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion:165 Resp: 19419

Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

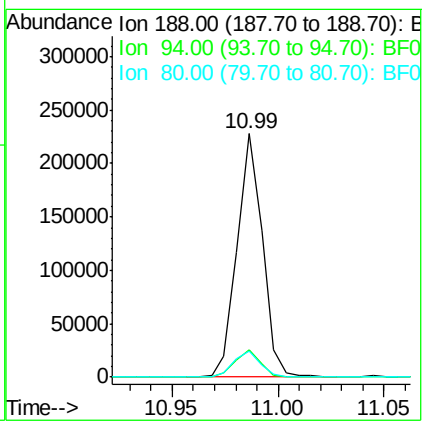


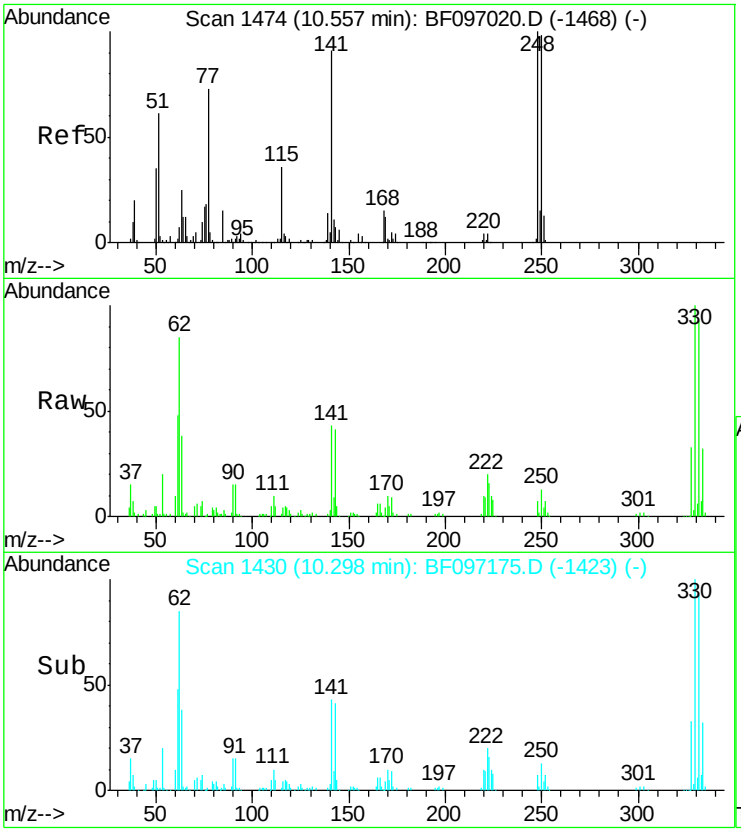


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion:188 Resp: 188680

Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	10.9	10.2	15.2



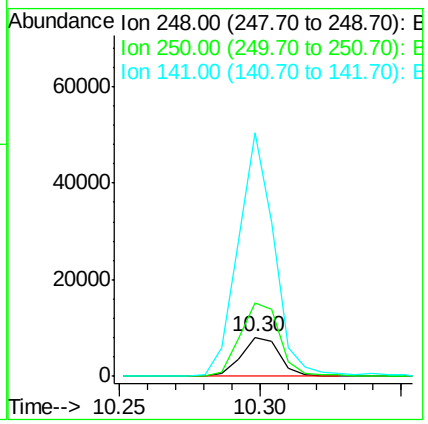


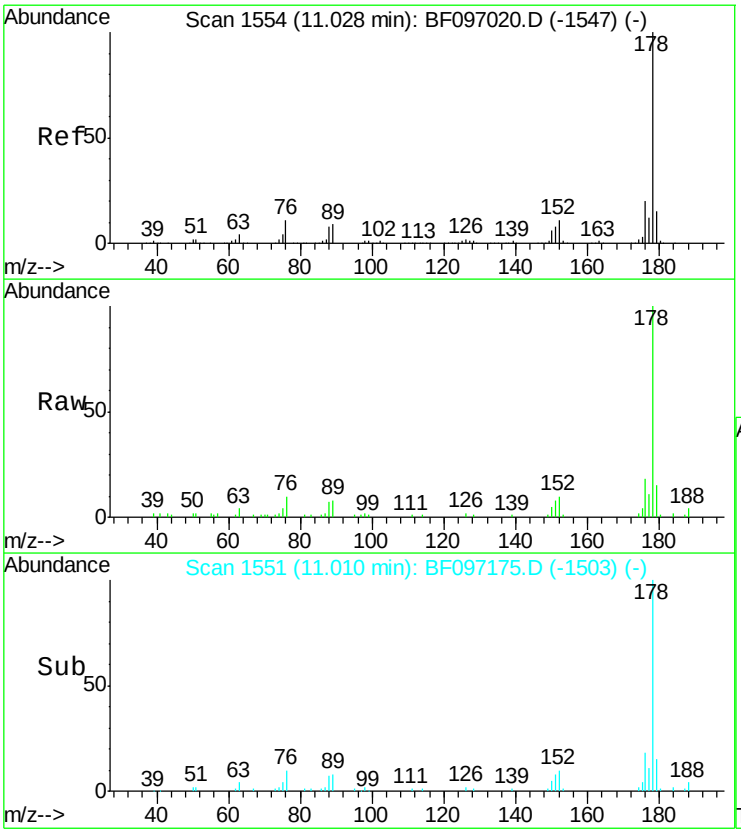
#66
4-Bromophenyl-phenylether
Concen: 3.99 ng
RT: 10.30 min Scan# 1430
Delta R.T. -0.26 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion:248 Resp: 7520

Ion	Ratio	Lower	Upper
248	100		
250	186.4	76.8	115.2#
141	620.3	68.6	103.0#

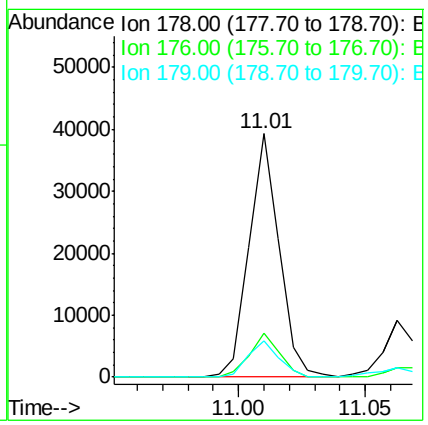


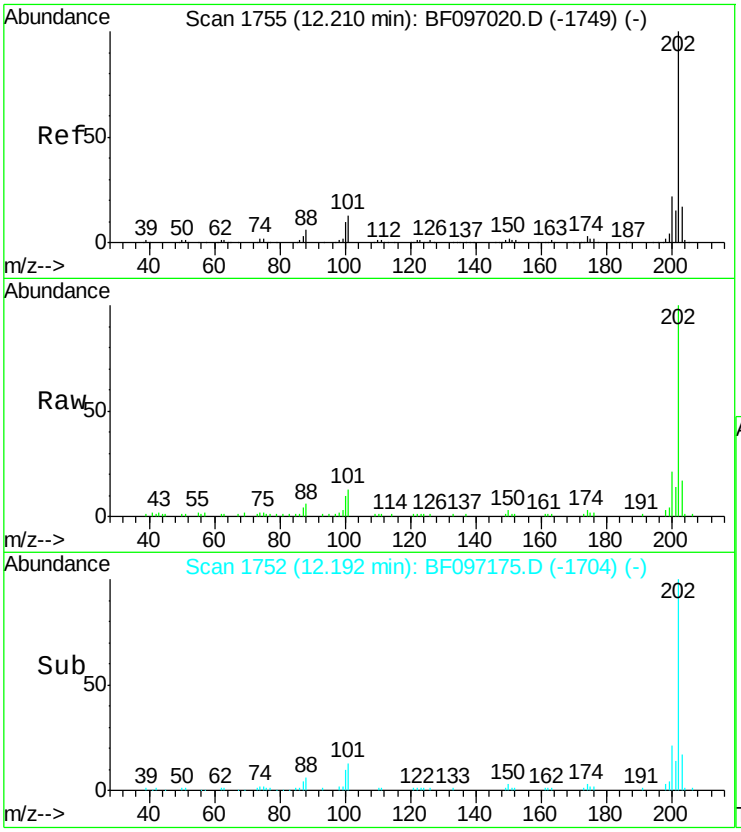


#70
Phenanthrene
Concen: 3.22 ng
RT: 11.01 min Scan# 1551
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion:178 Resp: 32596

Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.2	24.4
179	14.9	12.6	19.0



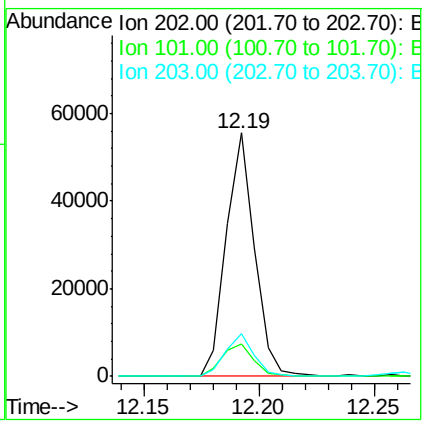


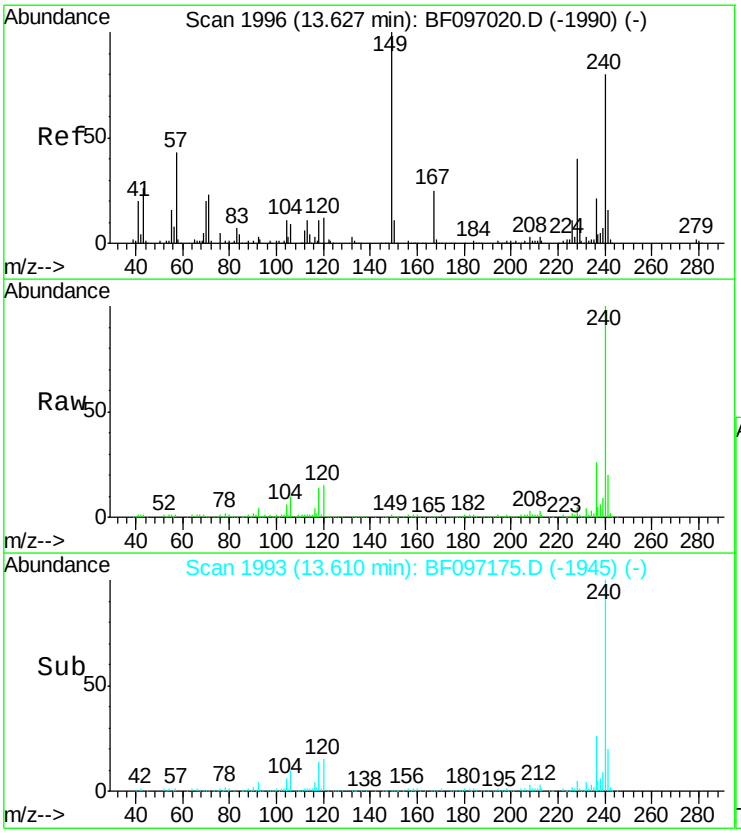
#74
Fluoranthene
Concen: 4.78 ng
RT: 12.19 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion:202 Resp: 47377

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.4	0.0	38.1

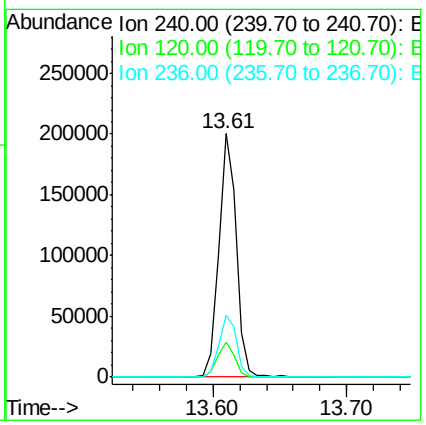


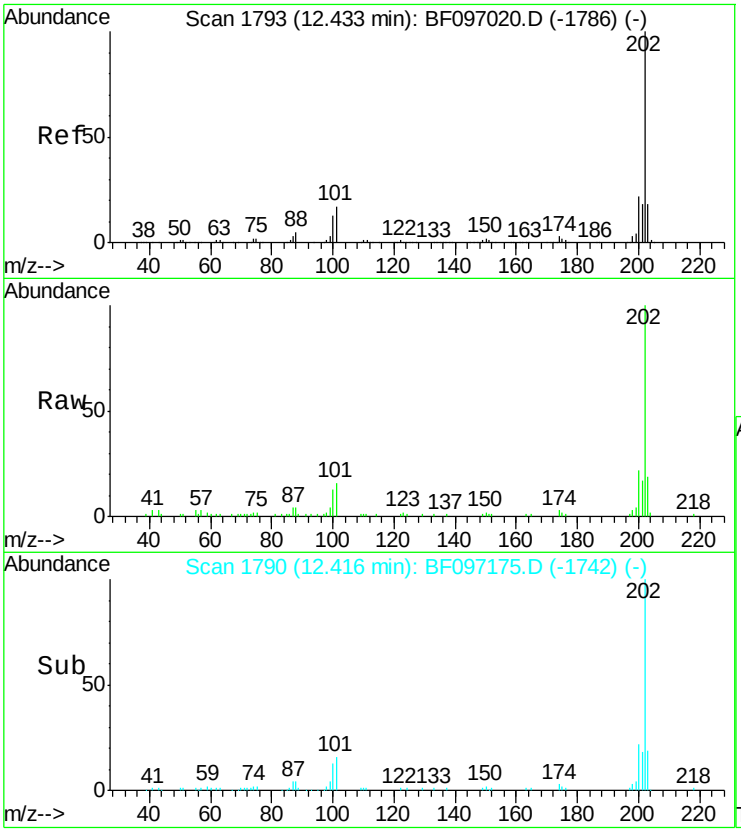


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion:240 Resp: 184915

Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	25.6	20.5	30.7



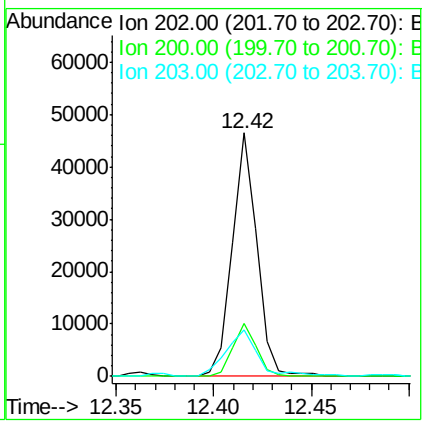


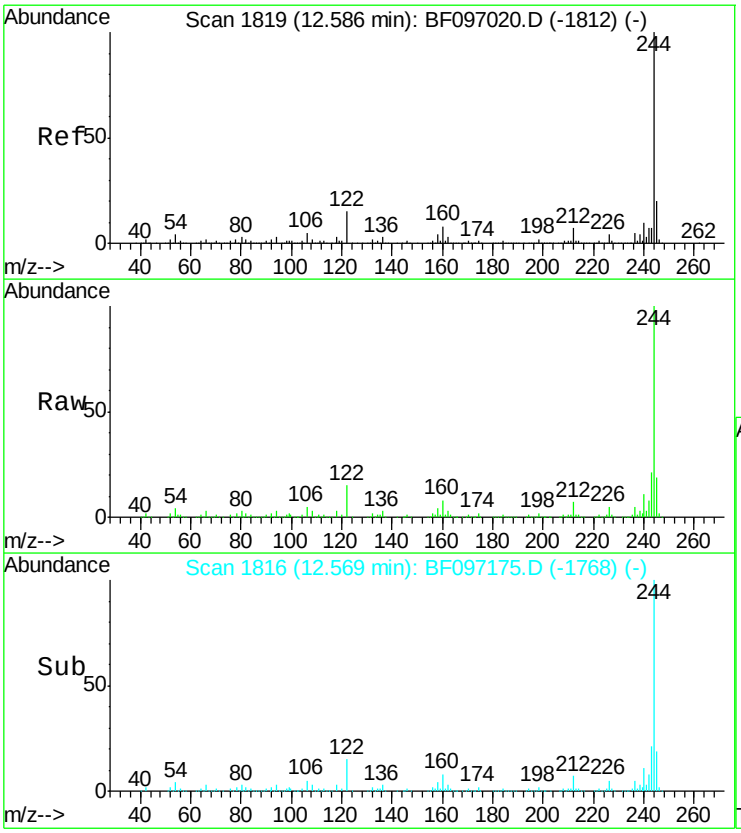
#77
Pyrene
Concen: 2.70 ng
RT: 12.42 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion:202 Resp: 40935

Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	19.2	14.4	21.6

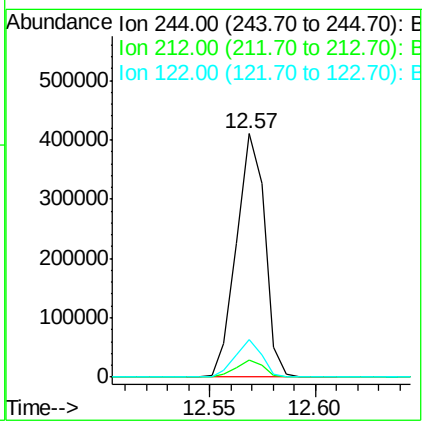


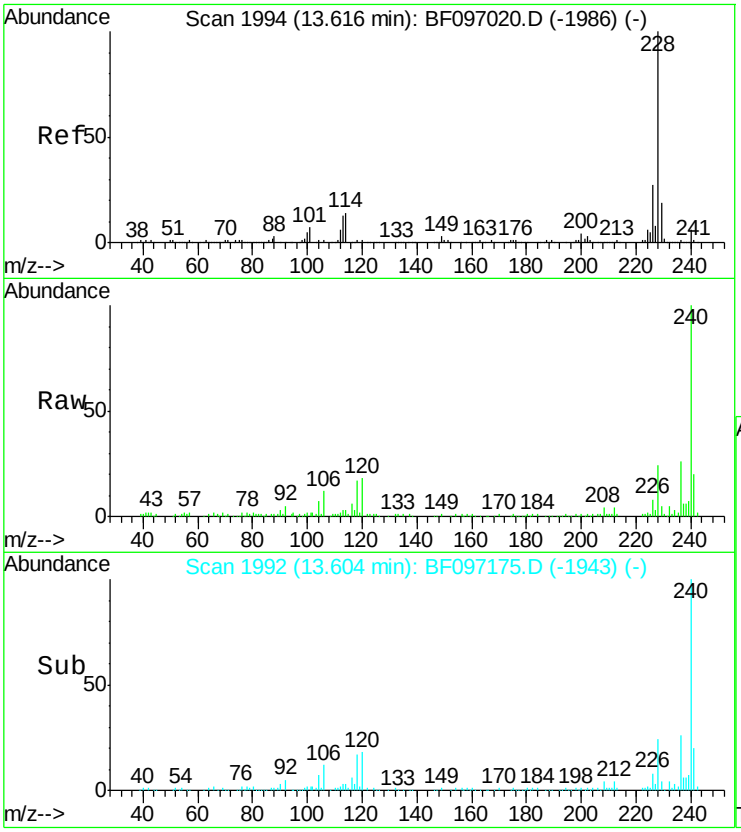


#78
Terphenyl-d14
Concen: 42.04 ng
RT: 12.57 min Scan# 1816
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion:244 Resp: 381294

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	15.4	10.3	15.5



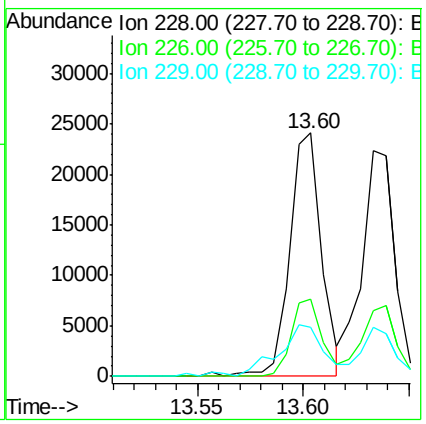


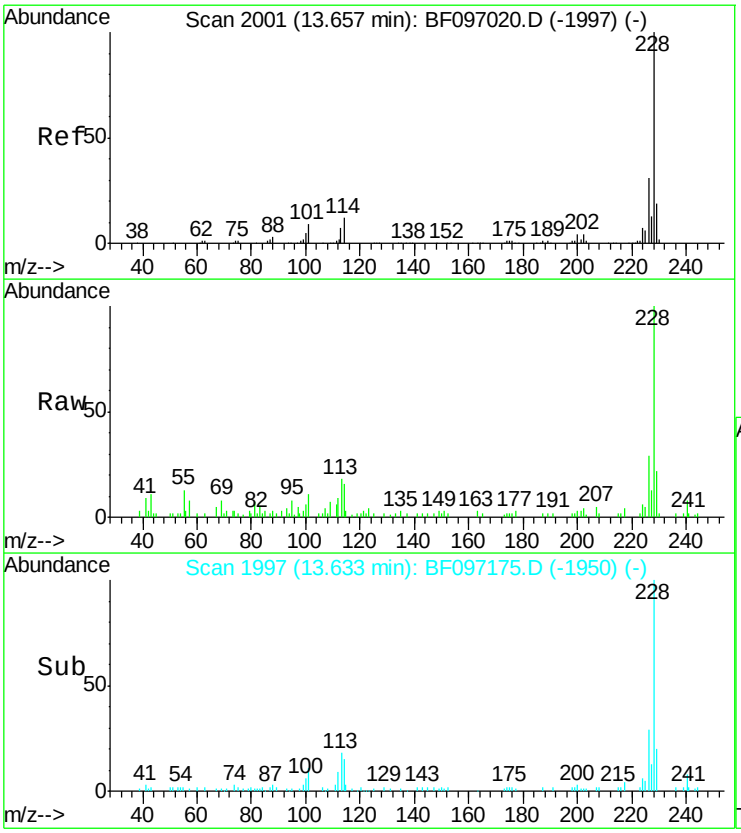
#80
Benzo(a)anthracene
Concen: 2.12 ng
RT: 13.60 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion:228 Resp: 25326

Ion	Ratio	Lower	Upper
228	100		
226	32.0	22.6	33.8
229	20.2	16.3	24.5

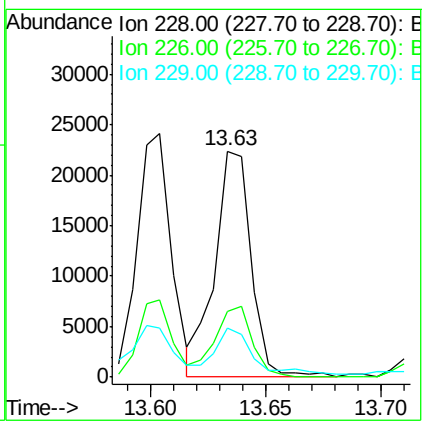


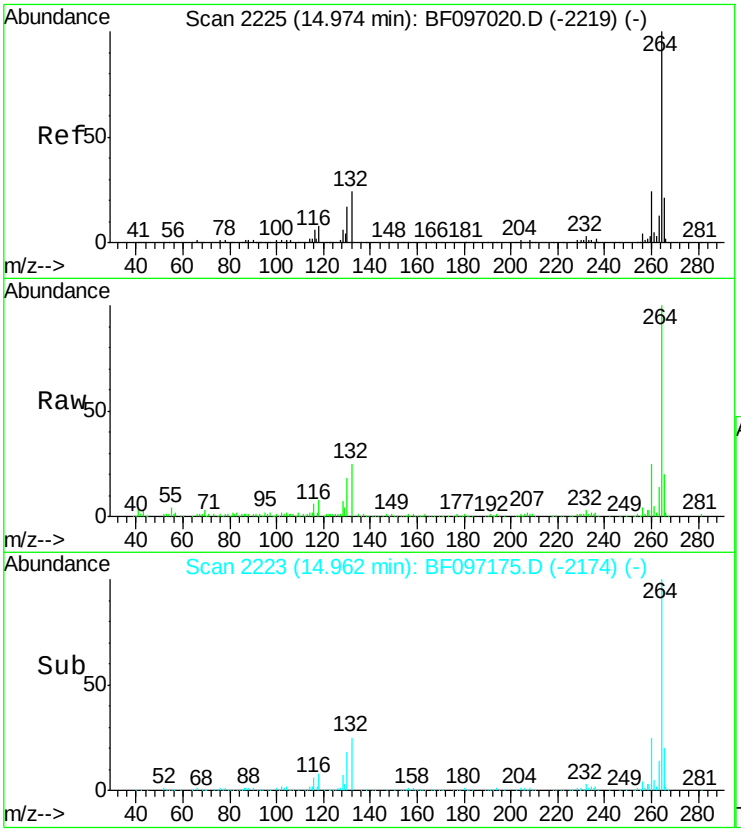


#82
Chrysene
Concen: 2.10 ng
RT: 13.63 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion:228 Resp: 24583

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	21.8	15.8	23.6



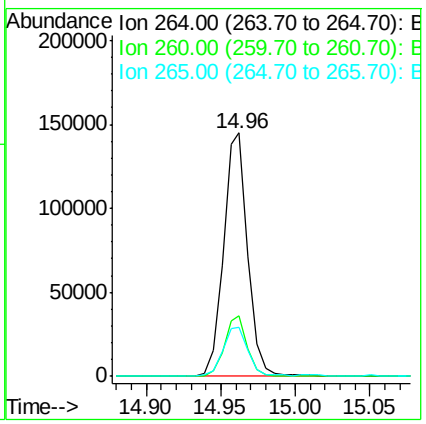


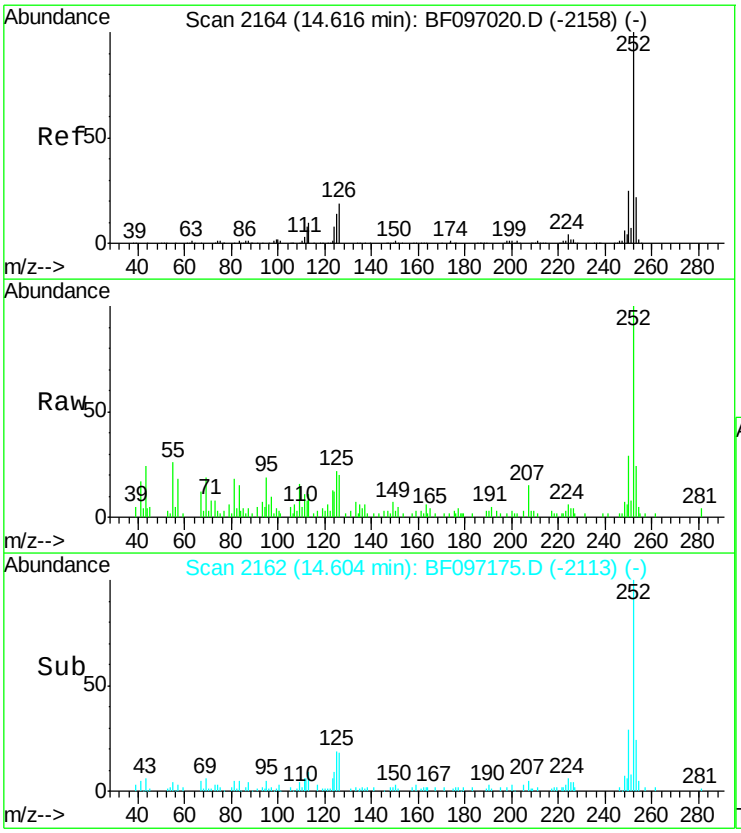
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.96 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion:264 Resp: 165343

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	20.1	17.2	25.8

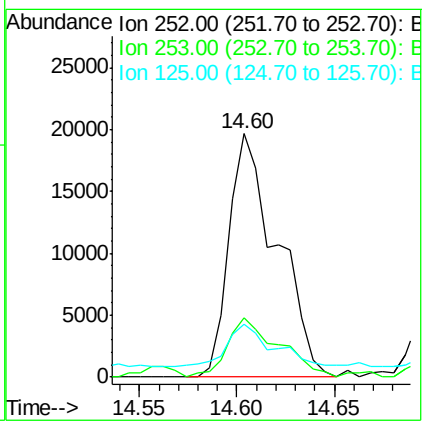


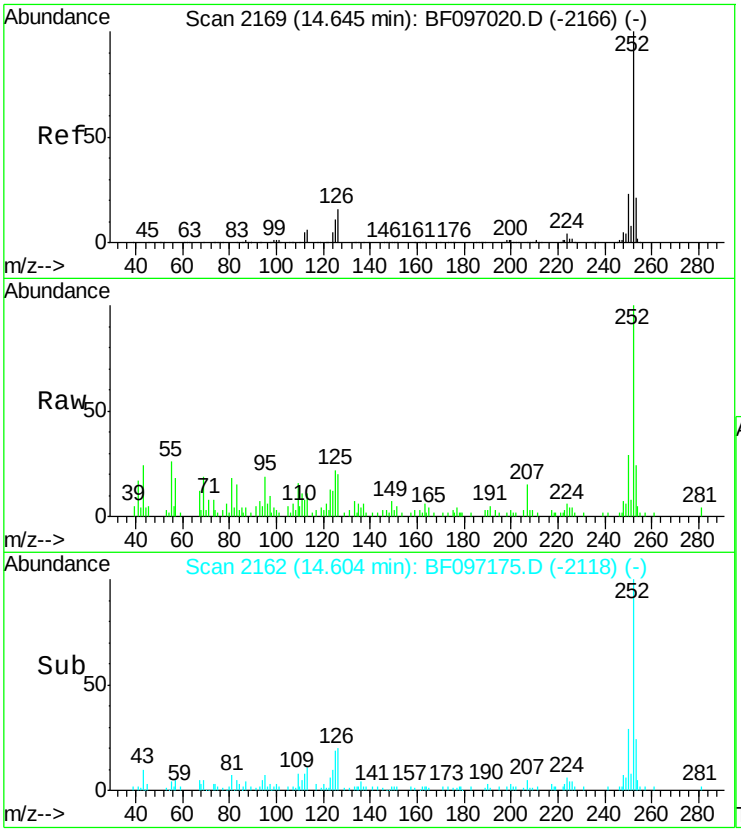


#87
Benzo(b)fluoranthene
Concen: 3.37 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.01 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion:252 Resp: 33533

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.1	27.1
125	21.9	9.8	14.8#



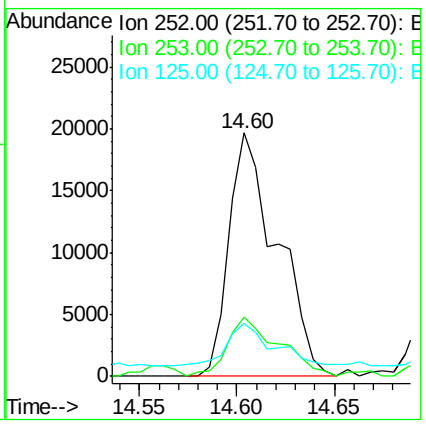


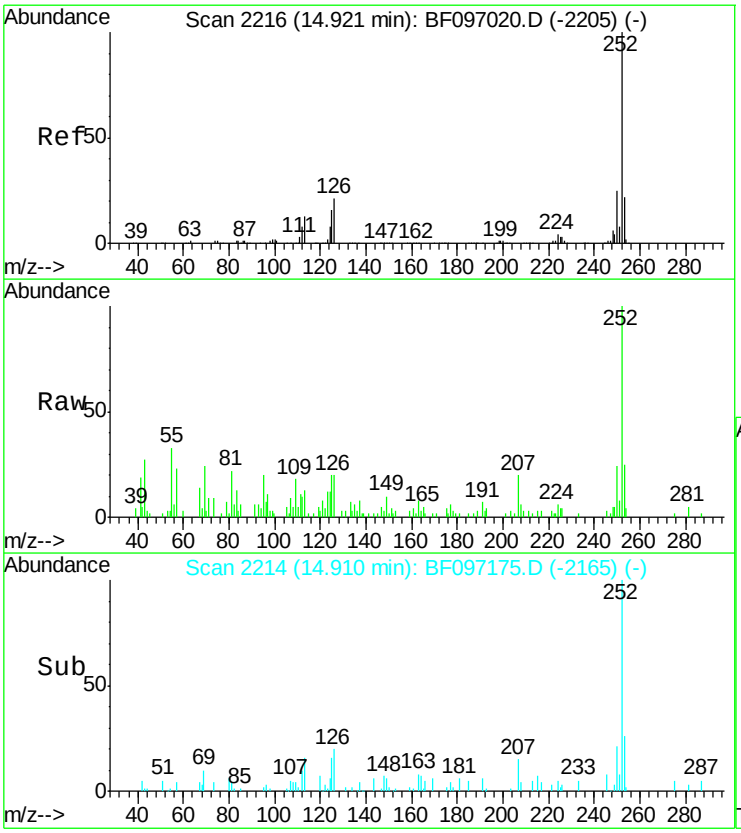
#88
Benzo(k)fluoranthene
Concen: 3.54 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.04 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Instrument :
BNA_F
ClientSampleId :
TP-14D24

Tgt Ion:252 Resp: 33533

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.4	27.6
125	21.9	13.1	19.7#





#89
Benzo(a)pyrene
Concen: 2.07 ng
RT: 14.91 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF097175.D
Acq: 29 Jul 2017 1:10

Tgt Ion:252 Resp: 18854

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.5	26.3
125	19.8	11.0	16.4#