Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080917\
Data File : BF097532.D
Acq On : 9 Aug 2017 22:56
Operator : SJ/JU
Sample : I4658-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-L9-BASE-WEST

Quant Time: Aug 10 01:09:55 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	6.40	152	106304	20.00	ng		-0.01
21) Naphthalene-d8	7.68	136	449833	20.00	ng		-0.02
38) Acenaphthene-d10	9.42	164	206343	20.00	ng		-0.02
63) Phenanthrene-d10	10.90	188	318057	20.00	ng		-0.02
75) Chrysene-d12	13.53	240	166892	20.00	ng		-0.01
86) Perylene-d12	14.87	264	169054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.98	112	461827	65.49	ng		-0.02
7) Phenol-d6	6.07	99	599396	74.46	ng		-0.02
23) Nitrobenzene-d5	6.97	82	312046	40.69	ng		-0.02
41) 2,4,6-Tribromophenol	10.22	330	111376	68.32	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	544944	44.82	ng		-0.02
78) Terphenyl-d14	12.48	244	300336	36.69	ng		-0.02
Target Compounds							Qvalue
6) Aniline	6.15	93	38758	3.83	ng	#	52
11) bis(2-Chloroethyl)ether	6.15	93	38758	5.13	ng		87
18) Hexachloroethane	6.94	117	29363	9.97	ng	#	1
19) n-Nitroso-di-n-propylamine	6.97	70	42313	7.99	ng	#	88
25) Isophorone	6.97	82	312043	20.78	ng	#	67
49) Dimethylphthalate	9.16	163	205283	13.10	ng		99
55) 4-Nitrophenol	9.63	139	5670	2.31	ng	#	78
66) 4-Bromophenyl-phenylether	10.21	248	7179	2.26	ng	#	1
70) Phenanthrene	10.92	178	89247	5.24	ng		98
71) Anthracene	10.92	178	89247	5.11	ng		98
74) Fluoranthene	12.10	202	87601	5.25	ng		98
77) Pyrene	12.33	202	91199	6.67	ng		96
80) Benzo(a)anthracene	13.52	228	31352	2.90	ng		98
82) Chrysene	13.55	228	29589	2.81	ng		93
85) Indeno(1,2,3-cd)pyrene	16.07	276	28090	3.11	ng		98
87) Benzo(b)fluoranthene	14.53	252	51502	5.07	ng	#	54
88) Benzo(k)fluoranthene	14.53	252	51502	5.32	ng	#	56
89) Benzo(a)pyrene	14.82	252	31661	3.40	ng	#	61
91) Benzo(g,h,i)perylene	16.42	276	27452	3.43	ng		98

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

Quantitation Report (Not Reviewed)

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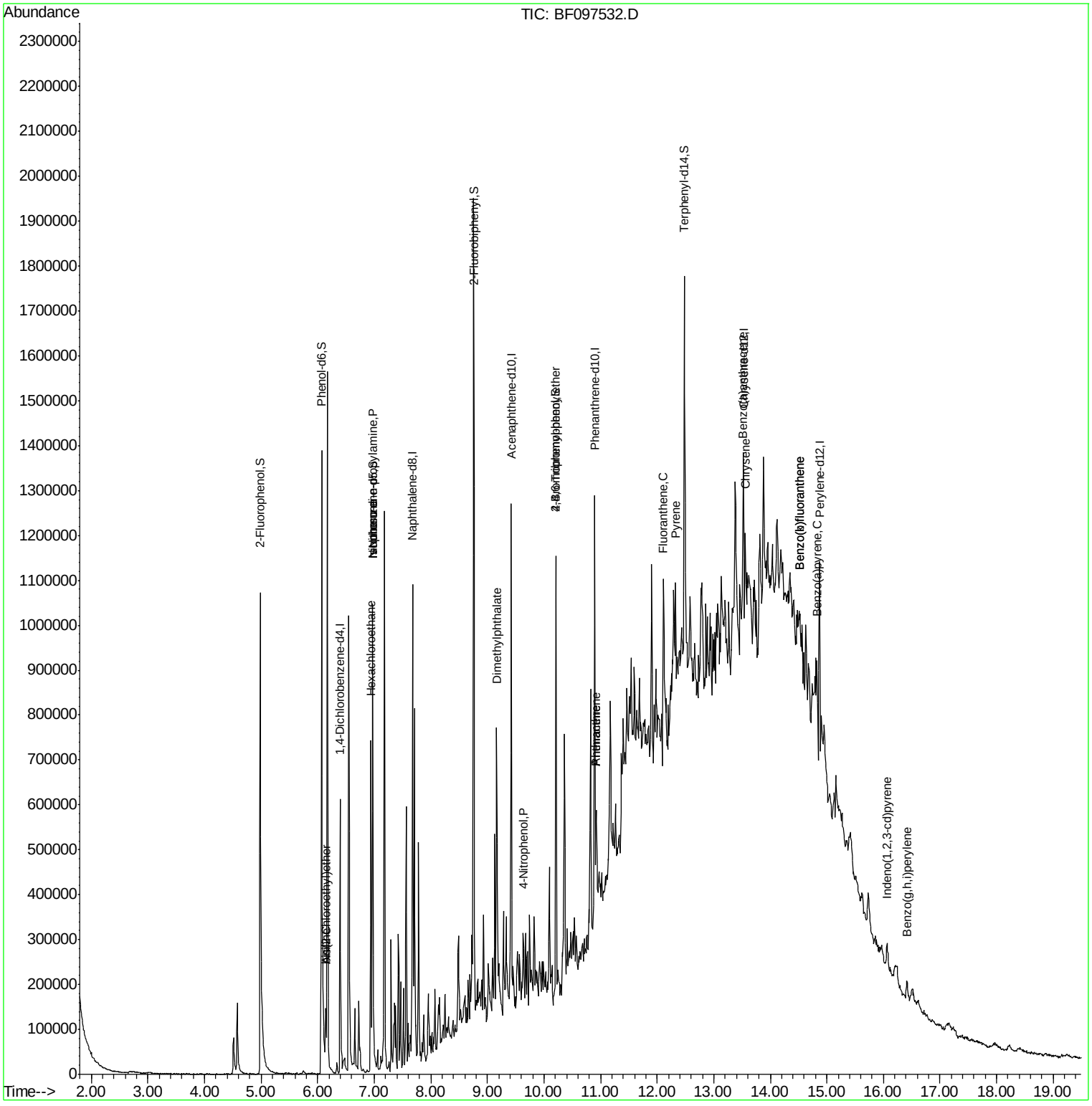
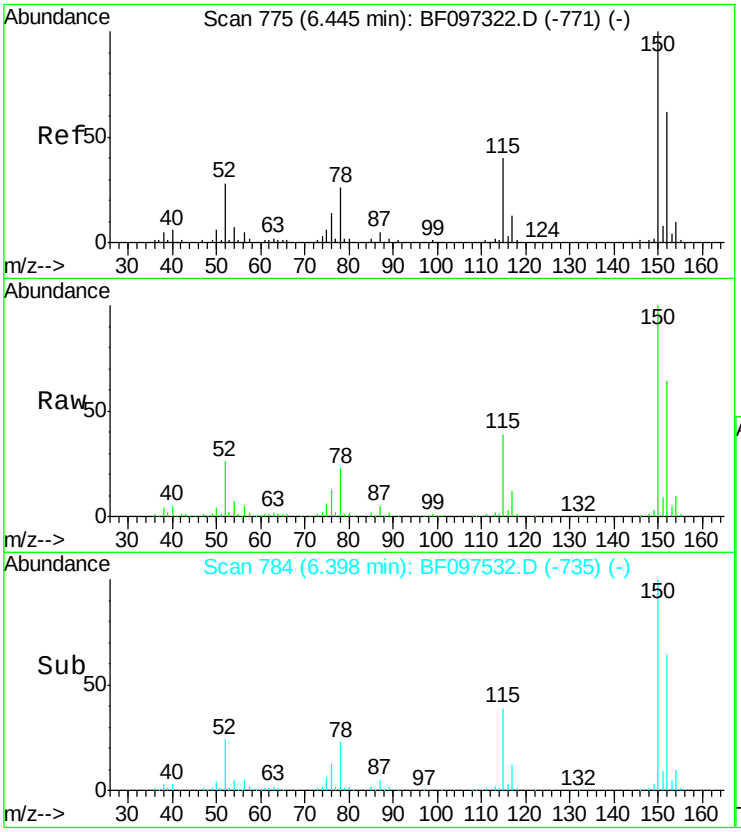


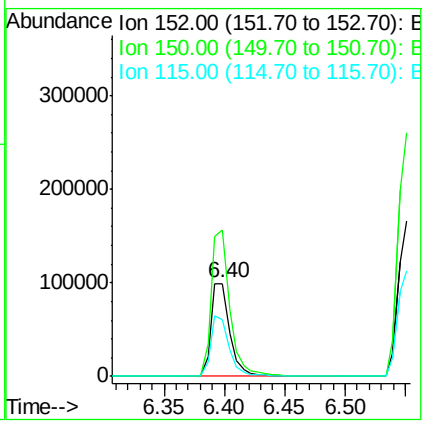


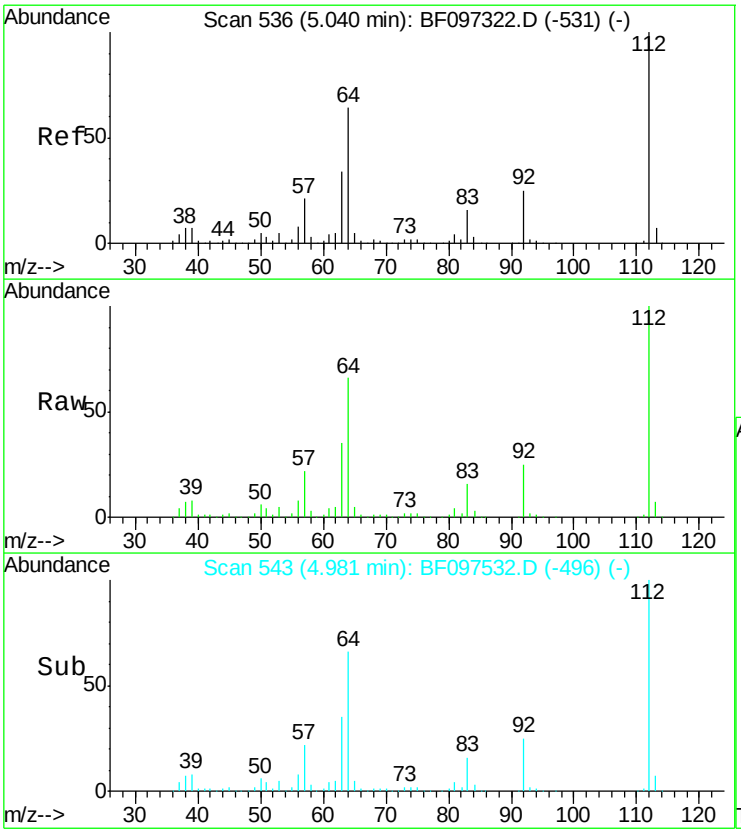
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.40 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:152 Resp: 106304

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.2
115	61.5	52.2	78.2

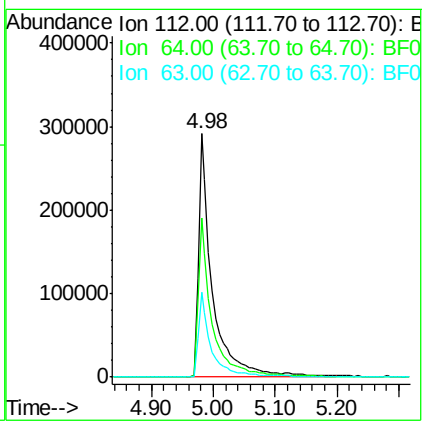


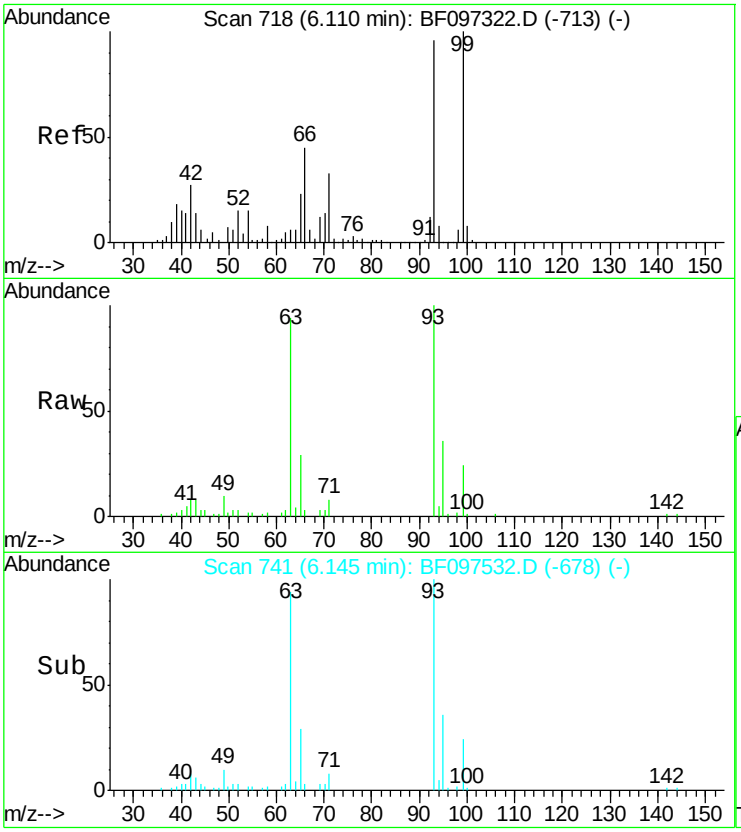


#5
2-Fluorophenol
Concen: 65.49 ng
RT: 4.98 min Scan# 543
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:112 Resp: 461827

Ion	Ratio	Lower	Upper
112	100		
64	65.5	46.0	69.0
63	34.7	23.4	35.0



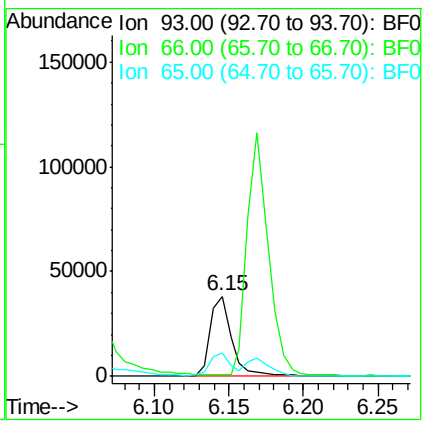


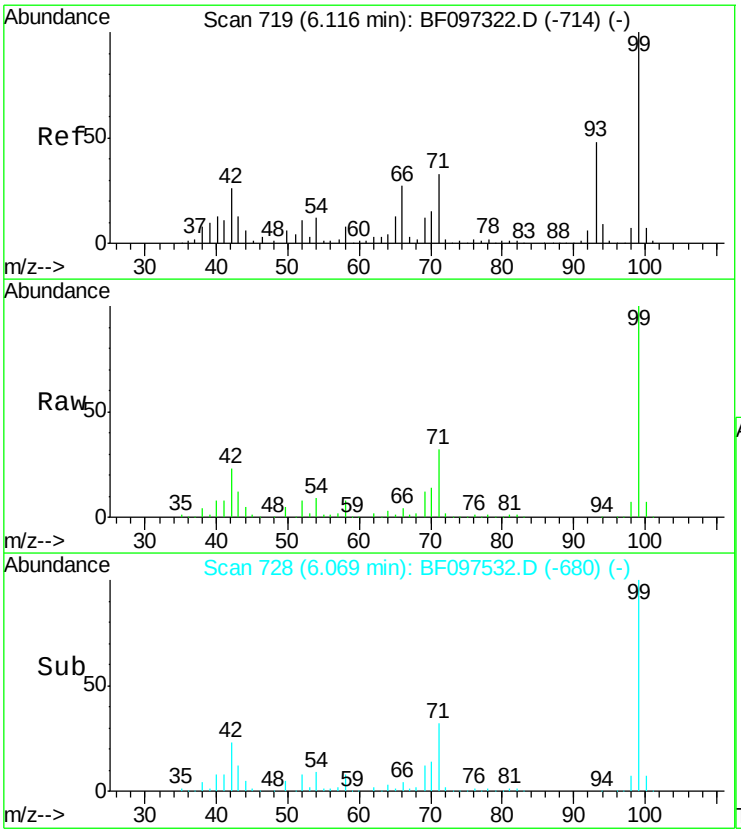
#6
Aniline
Concen: 3.83 ng
RT: 6.15 min Scan# 741
Delta R.T. 0.07 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion: 93 Resp: 38758

Ion	Ratio	Lower	Upper
93	100		
66	2.8	32.9	49.3#
65	29.5	16.0	24.0#

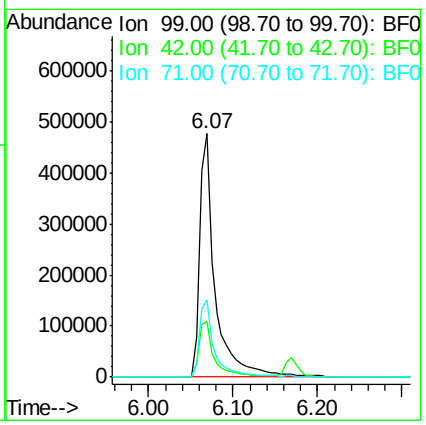


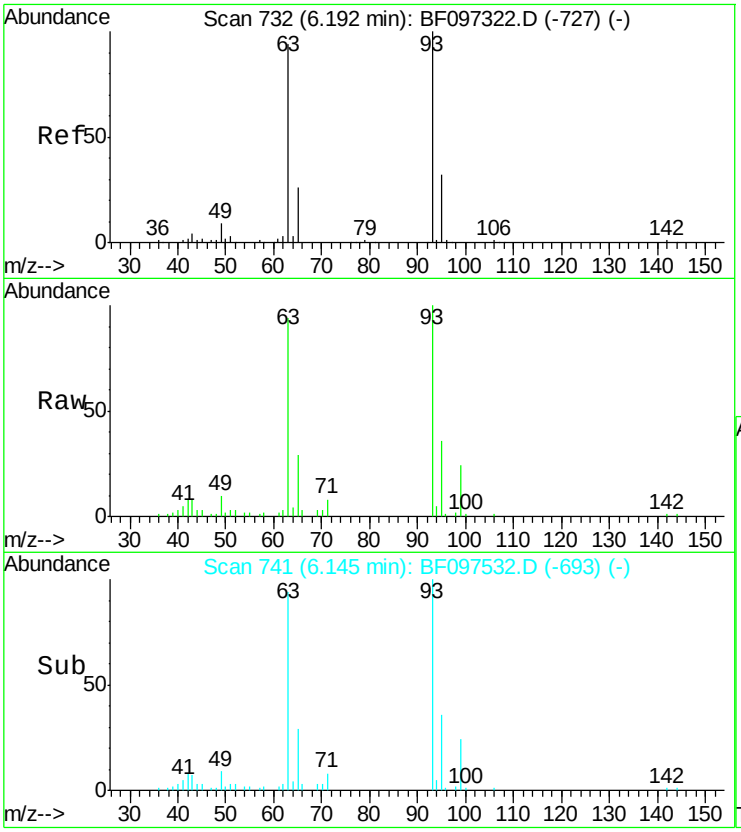


#7
Phenol-d6
Concen: 74.46 ng
RT: 6.07 min Scan# 728
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion: 99 Resp: 599396

Ion	Ratio	Lower	Upper
99	100		
42	22.5	13.5	20.3#
71	31.7	24.5	36.7



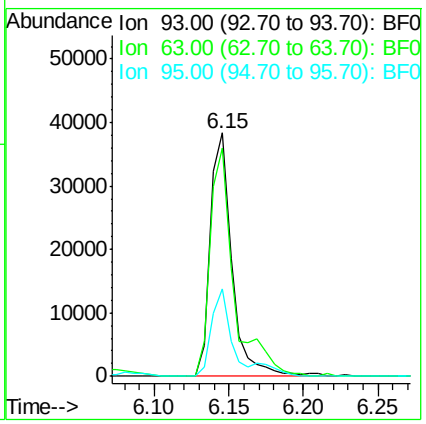


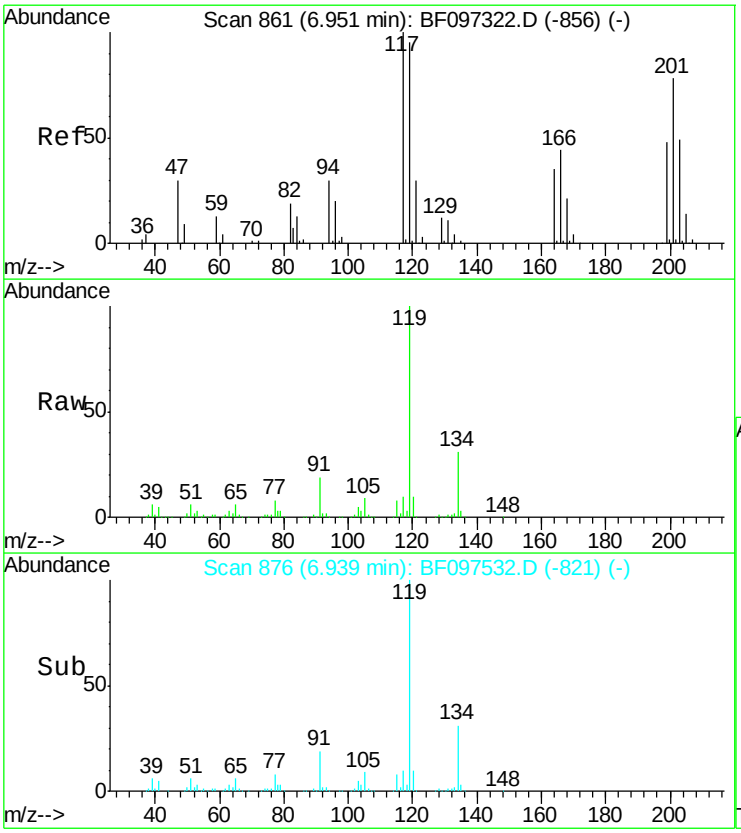
#11
bis(2-Chloroethyl)ether
Concen: 5.13 ng
RT: 6.15 min Scan# 741
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion: 93 Resp: 38758

Ion	Ratio	Lower	Upper
93	100		
63	93.8	59.2	99.2
95	36.1	12.8	52.8

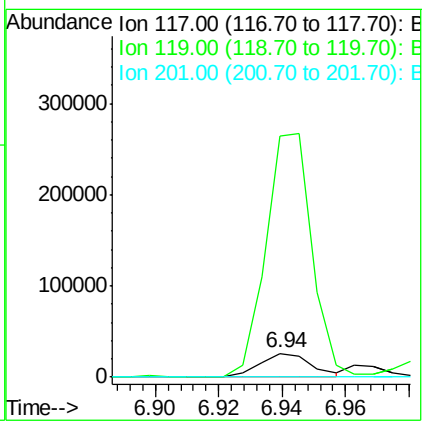


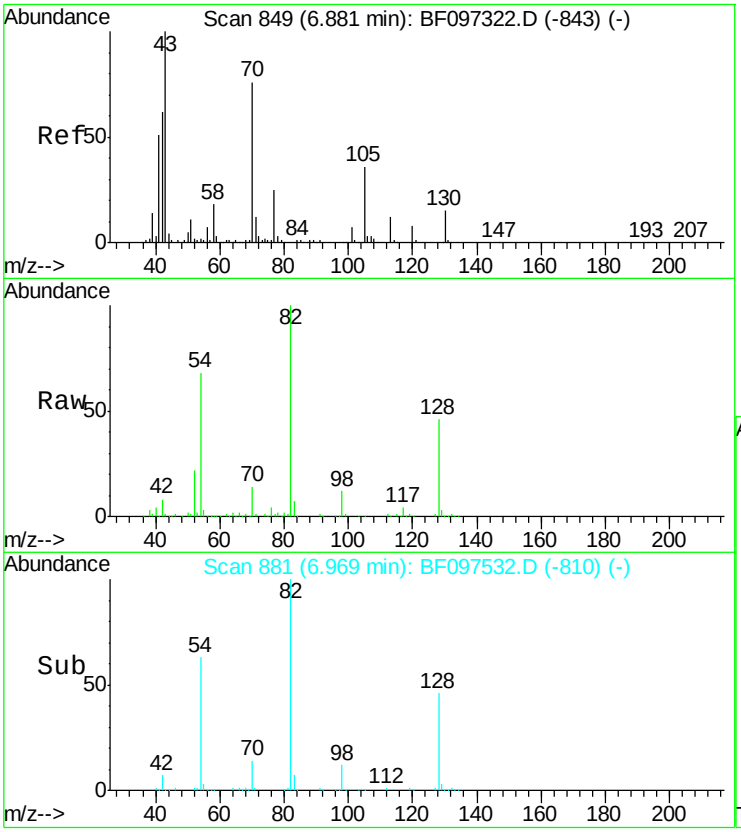


#18
Hexachloroethane
Concen: 9.97 ng
RT: 6.94 min Scan# 876
Delta R.T. 0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:117 Resp: 29363

Ion	Ratio	Lower	Upper
117	100		
119	1009.0	77.4	116.0#
201	0.0	94.6	141.8#



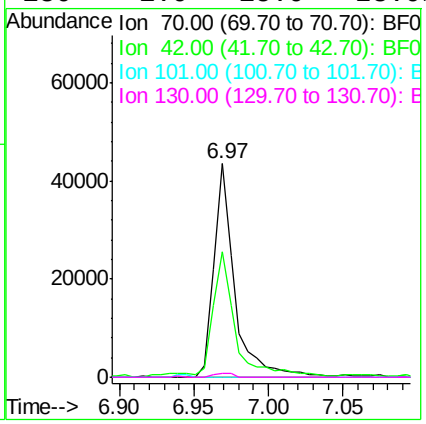


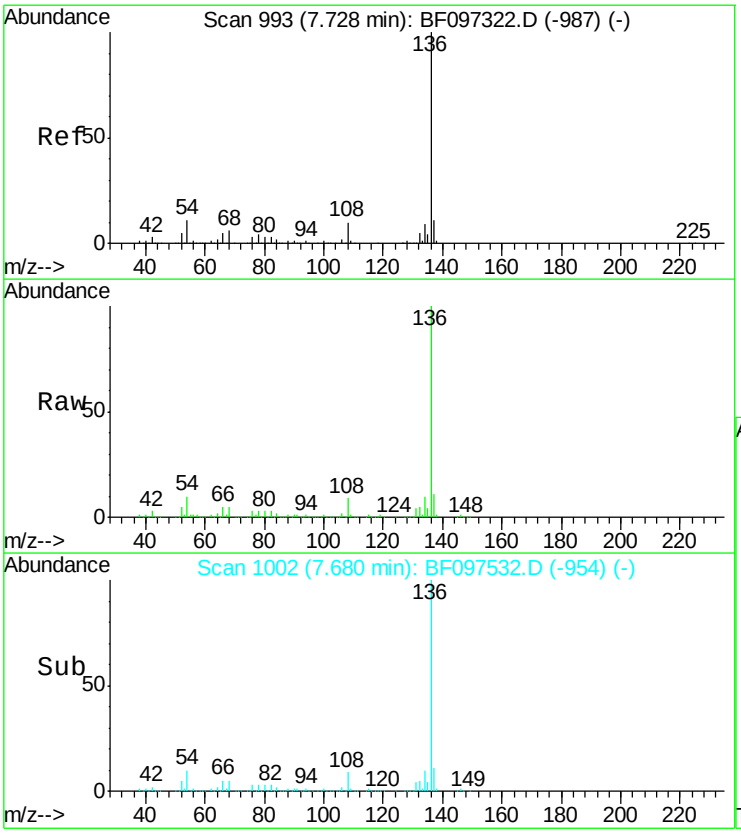
#19
n-Nitroso-di-n-propylamine
Concen: 7.99 ng
RT: 6.97 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion: 70 Resp: 42313

Ion	Ratio	Lower	Upper
70	100		
42	58.7	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

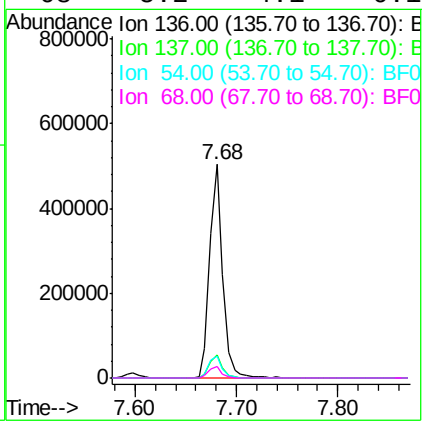


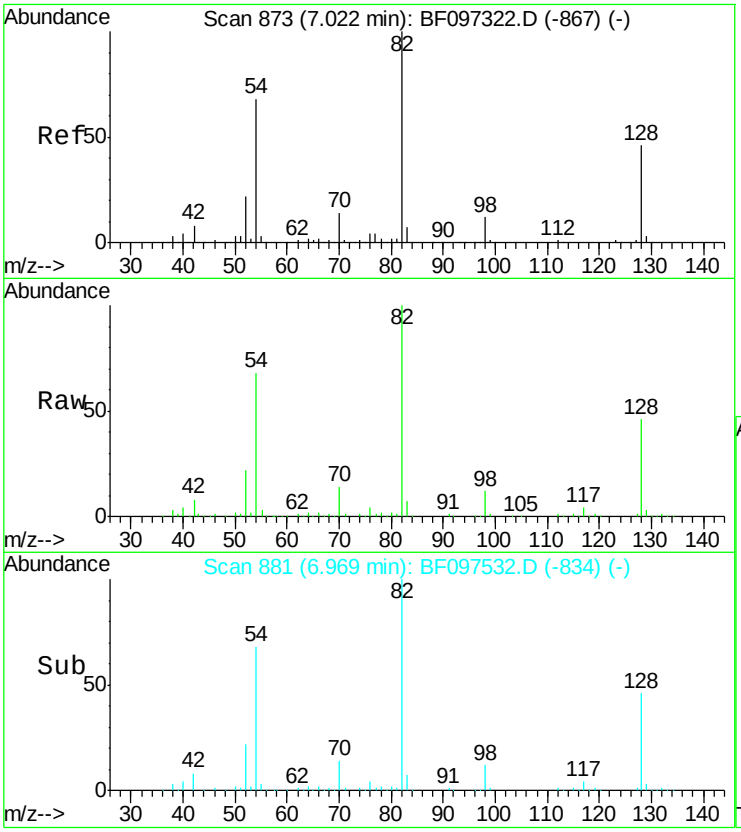


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.68 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:136 Resp: 449833

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.0	4.9	7.3#
68	5.2	4.1	6.1



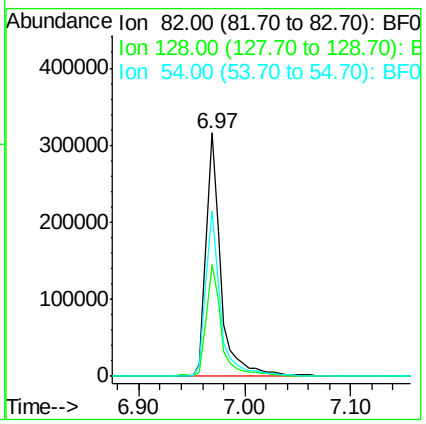


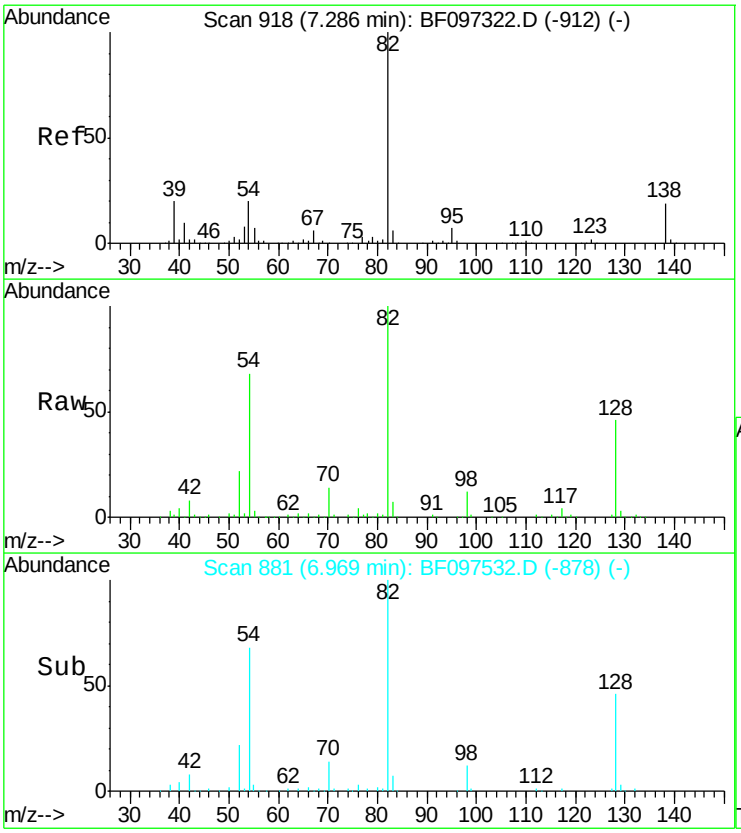
#23
Nitrobenzene-d5
Concen: 40.69 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion: 82 Resp: 312046

Ion	Ratio	Lower	Upper
82	100		
128	45.9	34.0	51.0
54	68.2	42.2	63.2#

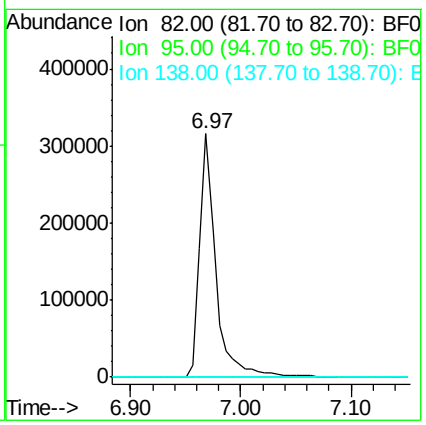


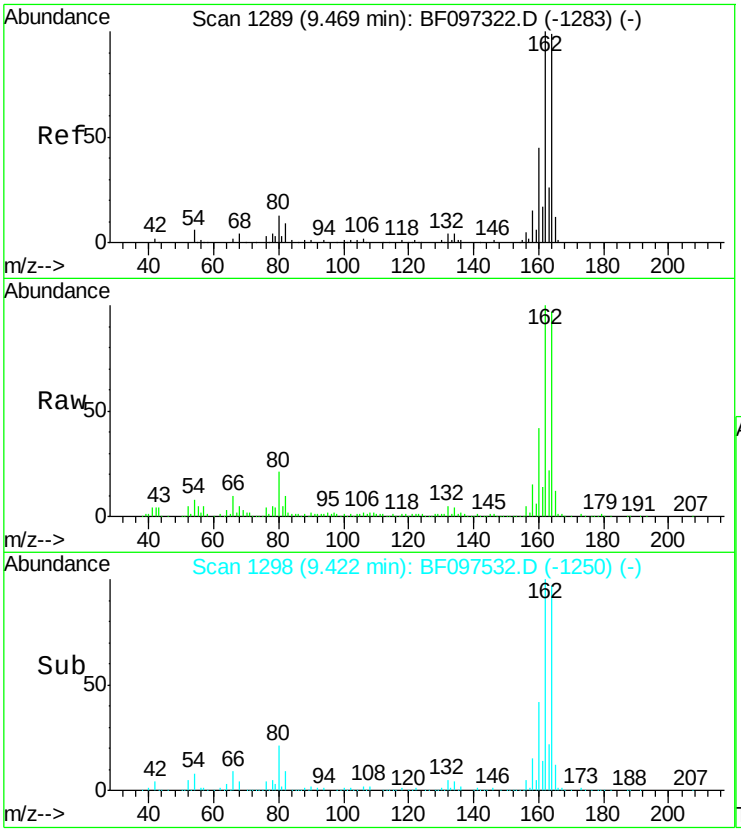


#25
Isophorone
Concen: 20.78 ng
RT: 6.97 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion: 82 Resp: 312043

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



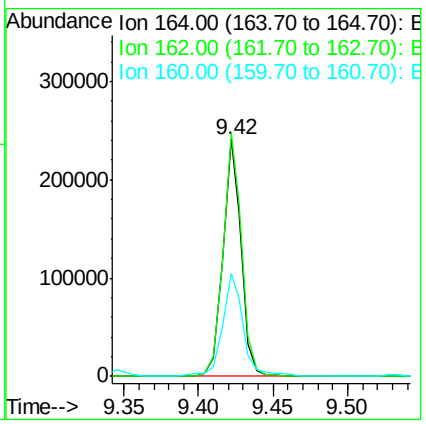


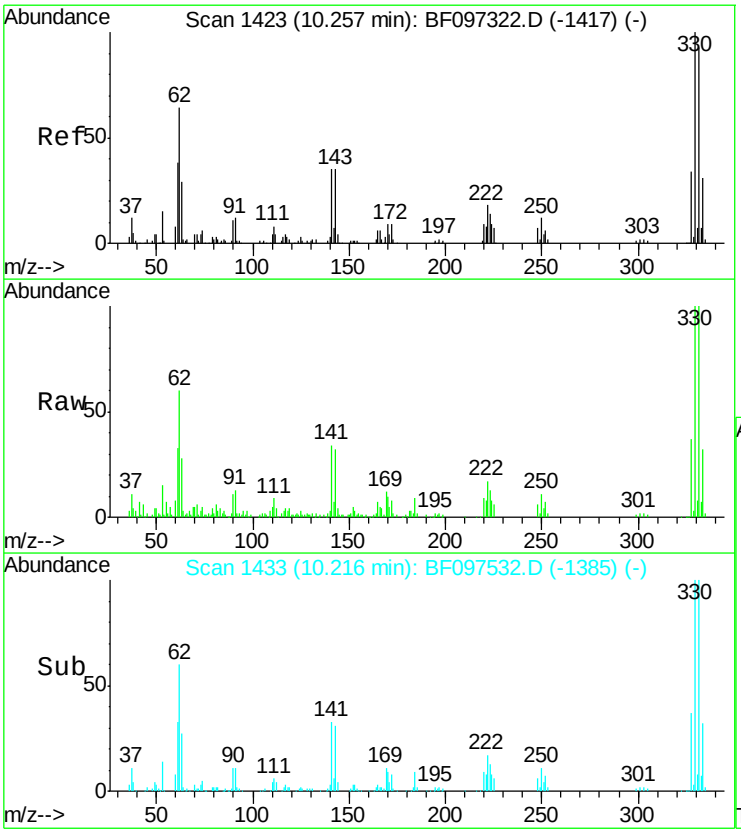
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.42 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:164 Resp: 206343

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.6	123.8
160	43.6	36.2	54.2

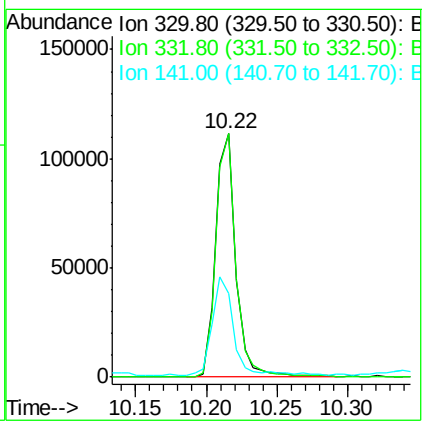


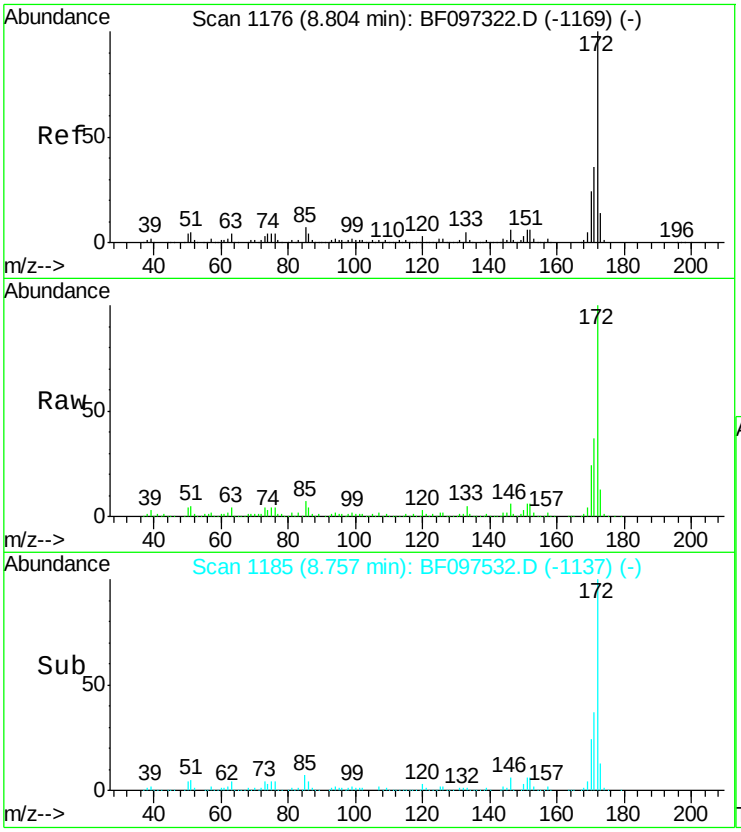


#41
2,4,6-Tribromophenol
Concen: 68.32 ng
RT: 10.22 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:330 Resp: 111376

Ion	Ratio	Lower	Upper
330	100		
332	99.7	76.6	115.0
141	43.2	31.4	47.2



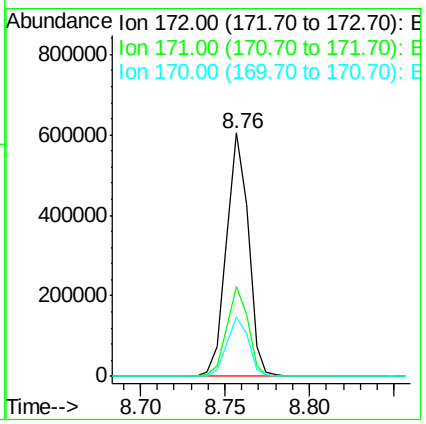


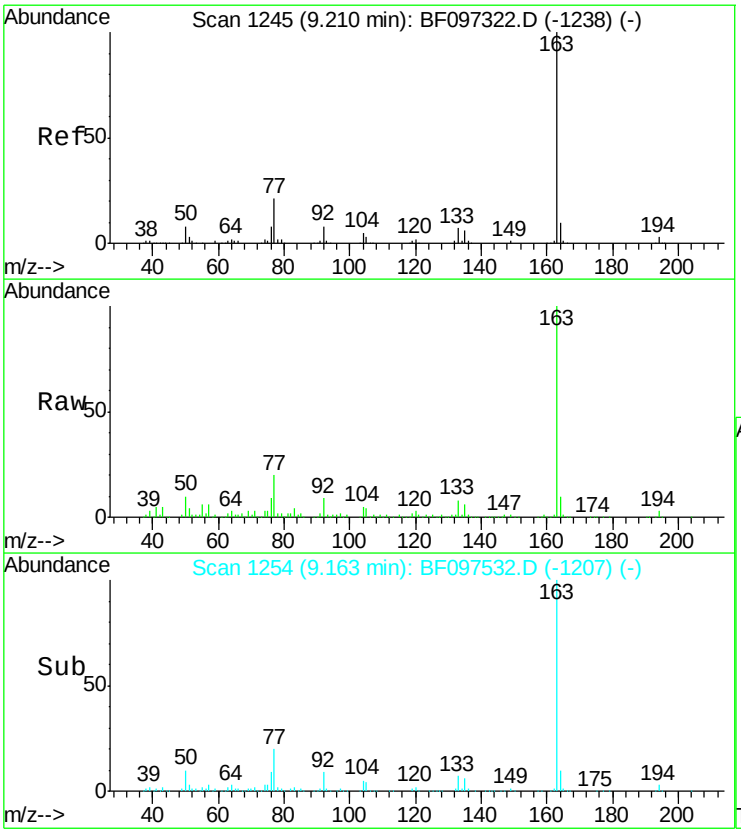
#44
2-Fluorobiphenyl
Concen: 44.82 ng
RT: 8.76 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:172 Resp: 544944

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.6	44.4
170	24.3	19.8	29.8

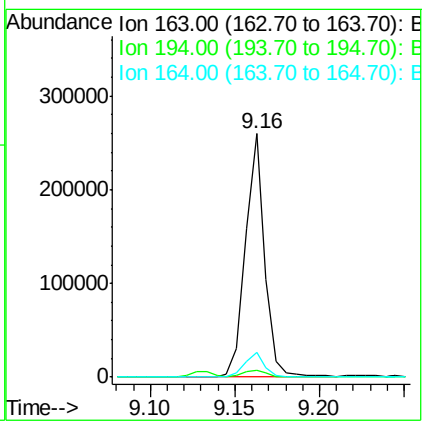


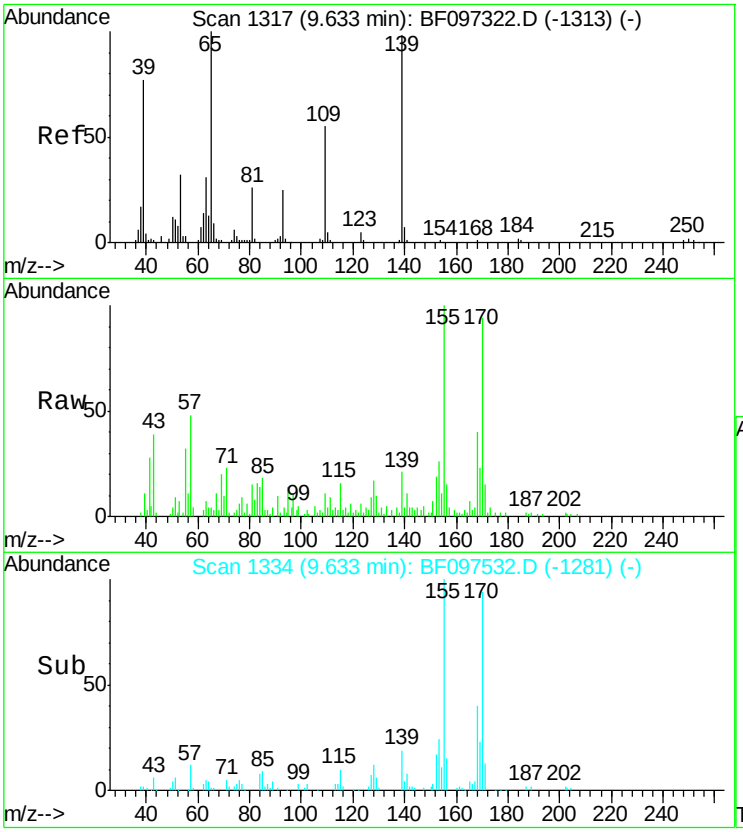


#49
Dimethylphthalate
Concen: 13.10 ng
RT: 9.16 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:163 Resp: 205283

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



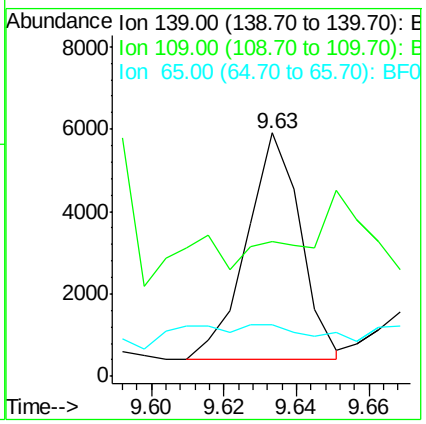


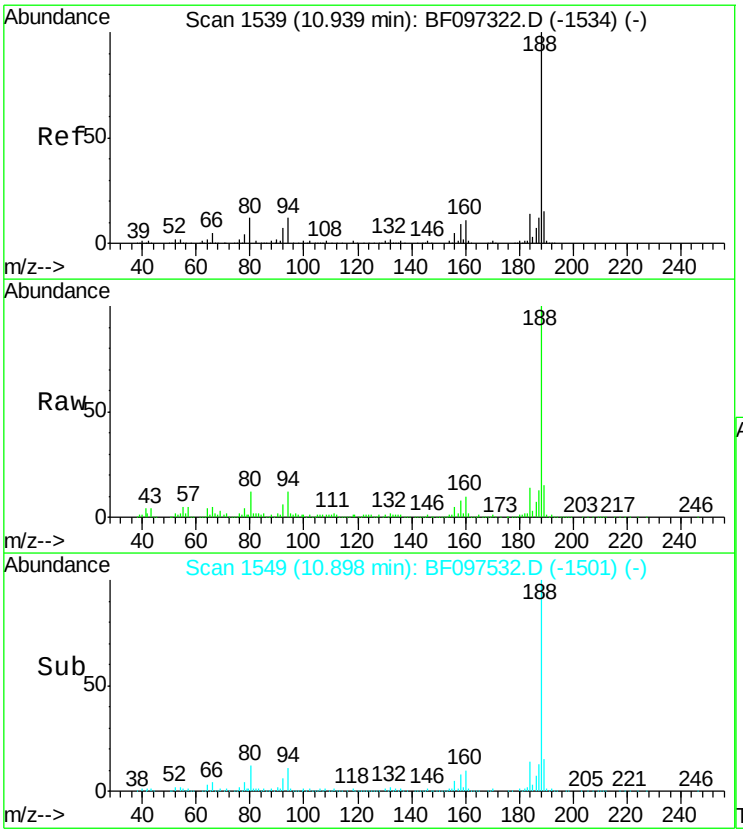
#55
4-Nitrophenol
Concen: 2.31 ng
RT: 9.63 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:139 Resp: 5670

Ion	Ratio	Lower	Upper
139	100		
109	55.4	34.1	74.1
65	21.3	31.4	71.4#

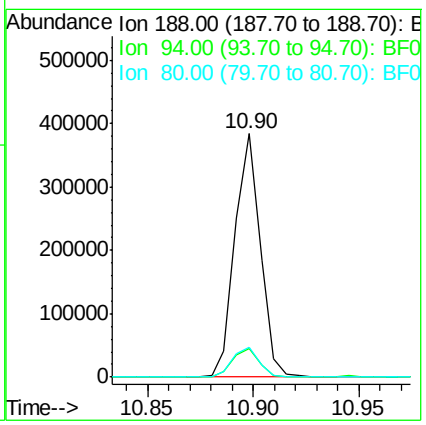


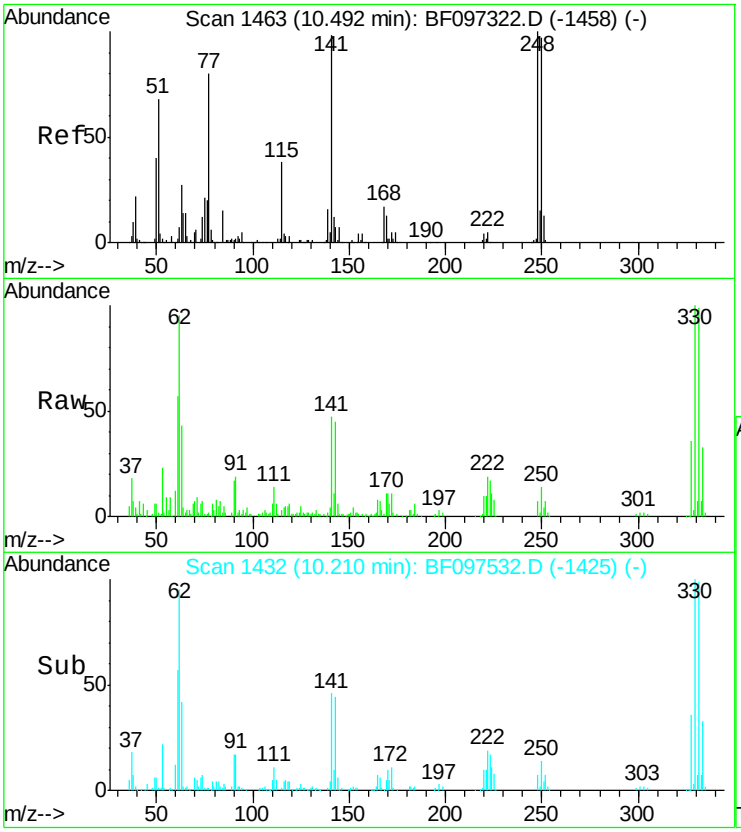


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 1549
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:188 Resp: 318057

Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	12.3	10.2	15.2



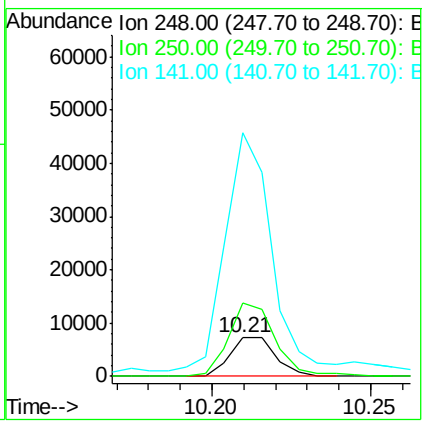


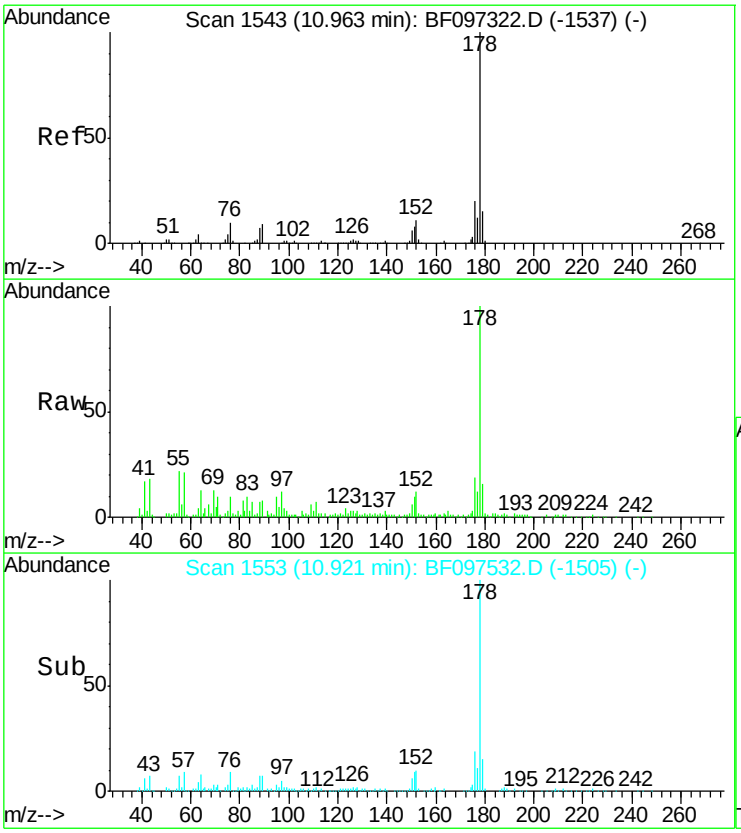
#66
4-Bromophenyl-phenylether
Concen: 2.26 ng
RT: 10.21 min Scan# 1432
Delta R.T. -0.26 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:248 Resp: 7179

Ion	Ratio	Lower	Upper
248	100		
250	190.5	76.8	115.2#
141	635.4	68.6	103.0#

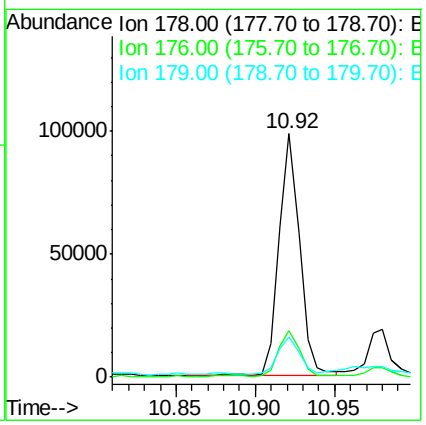


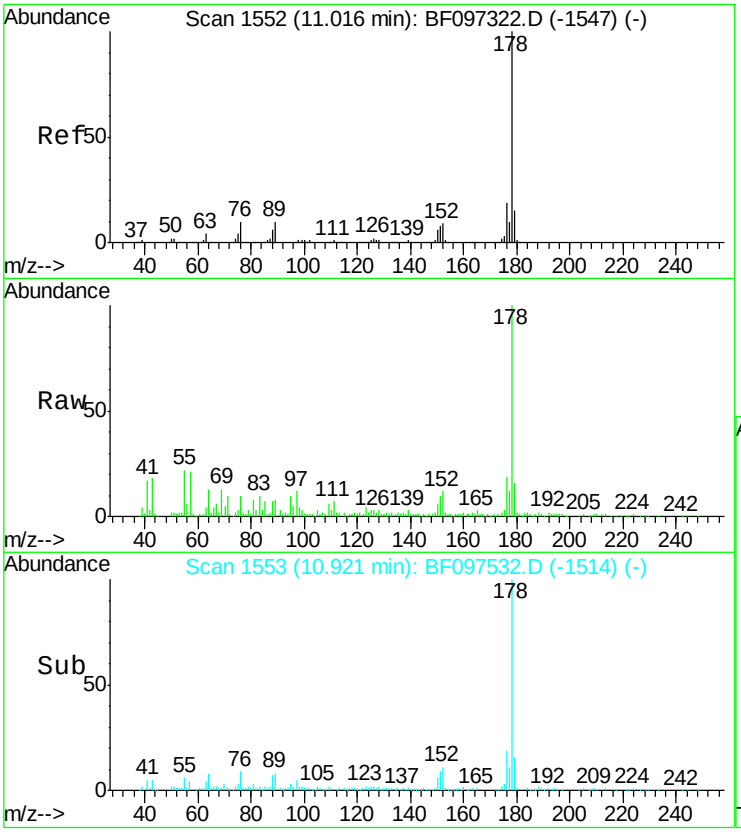


#70
Phenanthrene
Concen: 5.24 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:178 Resp: 89247

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	16.4	12.6	19.0



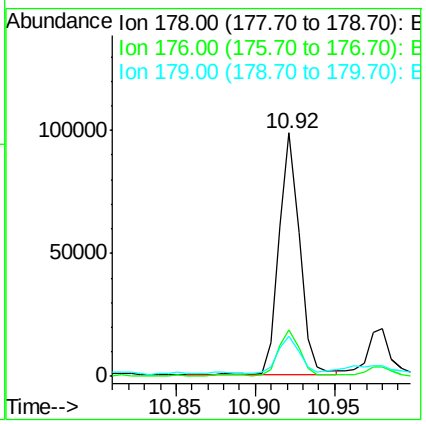


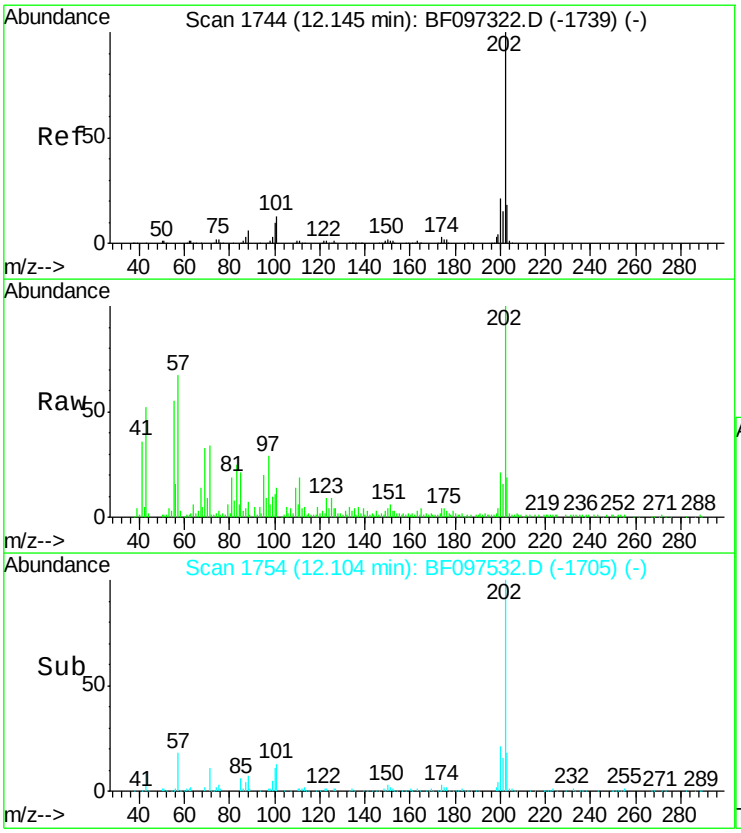
#71
Anthracene
Concen: 5.11 ng
RT: 10.92 min Scan# 1553
Delta R.T. -0.07 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:178 Resp: 89247

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.8
179	16.4	12.7	19.1

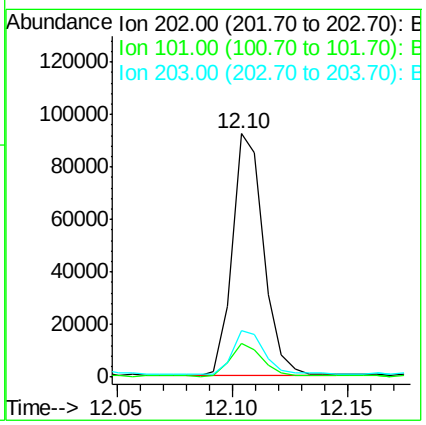


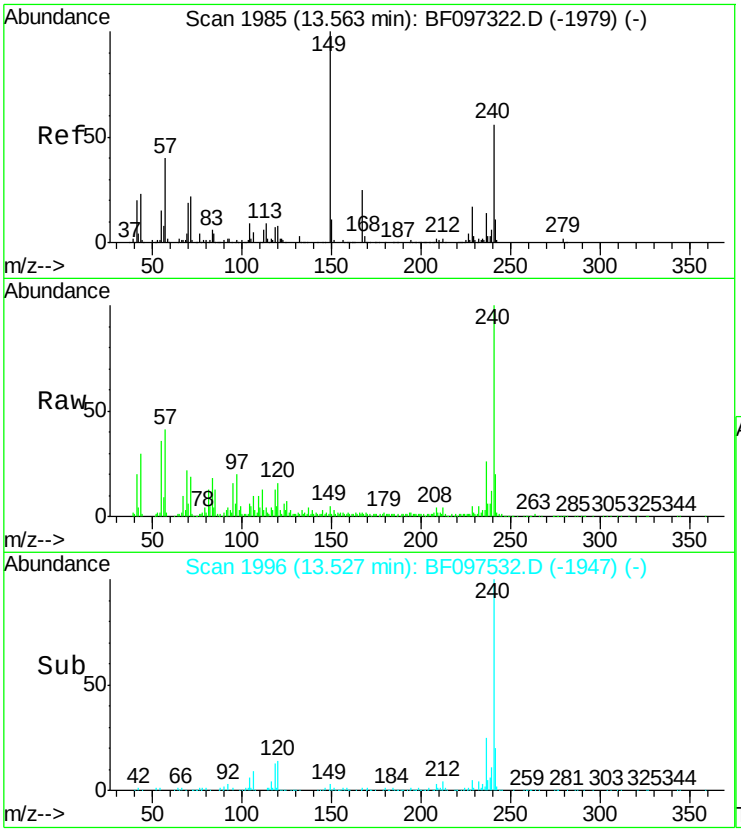


#74
Fluoranthene
Concen: 5.25 ng
RT: 12.10 min Scan# 1754
Delta R.T. -0.01 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:202 Resp: 87601

Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	33.2
203	19.0	0.0	38.1



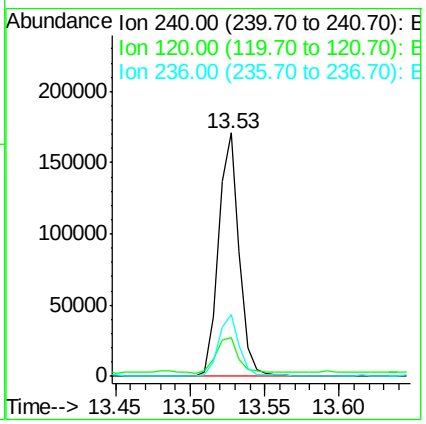


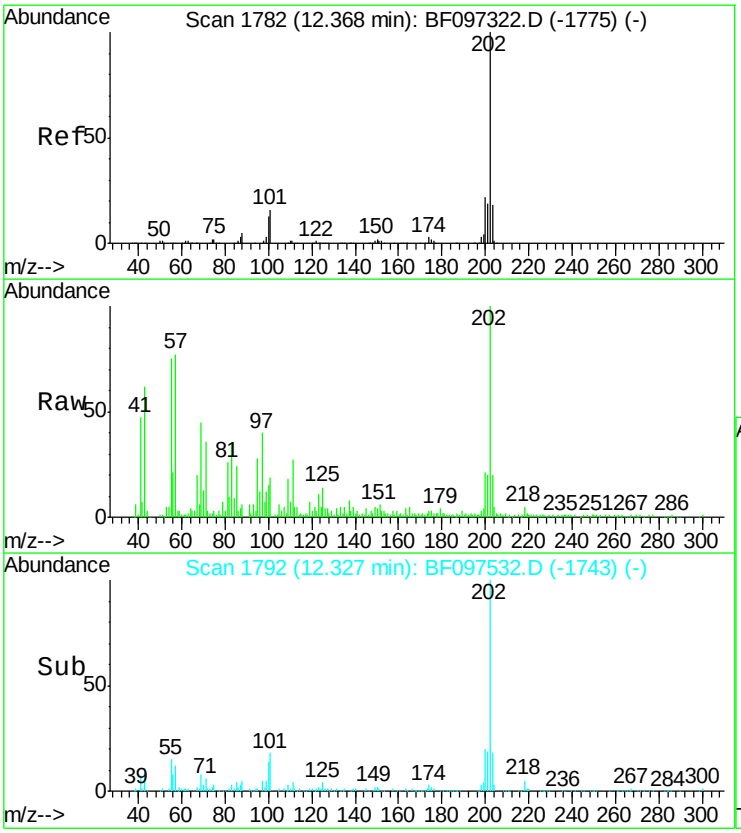
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:240 Resp: 166892

Ion	Ratio	Lower	Upper
240	100		
120	15.8	5.8	8.8#
236	25.6	20.5	30.7

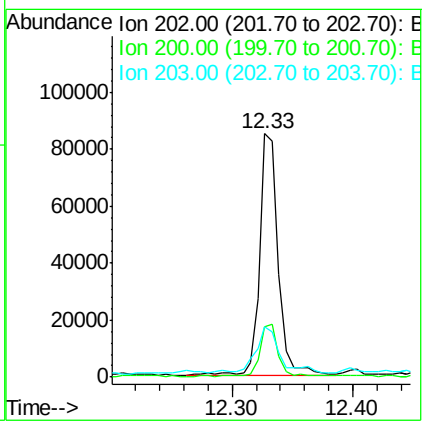


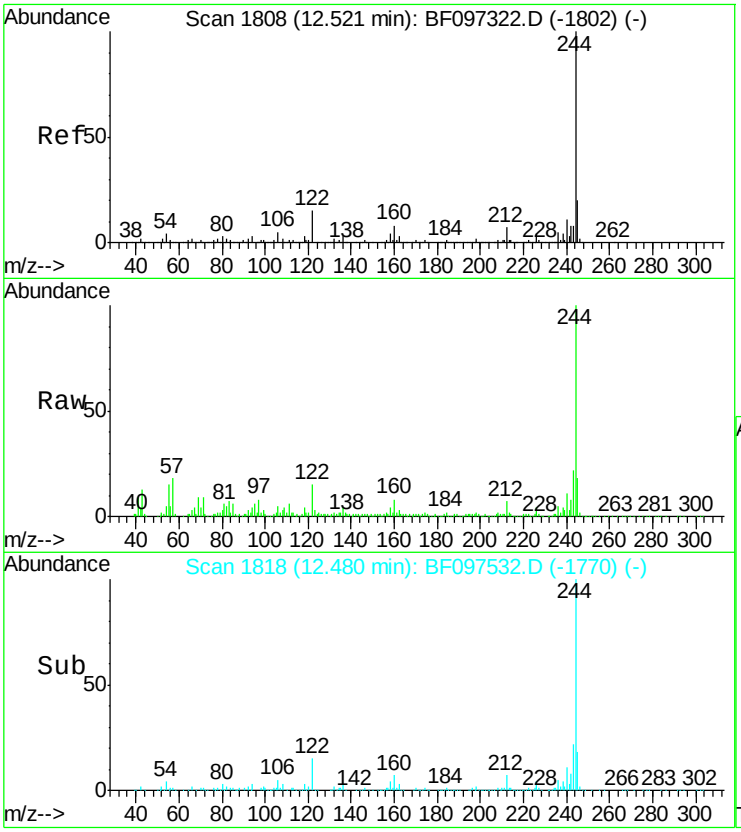


#77
Pyrene
Concen: 6.67 ng
RT: 12.33 min Scan# 1792
Delta R.T. -0.01 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:202 Resp: 91199

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.6	26.4
203	20.5	14.4	21.6



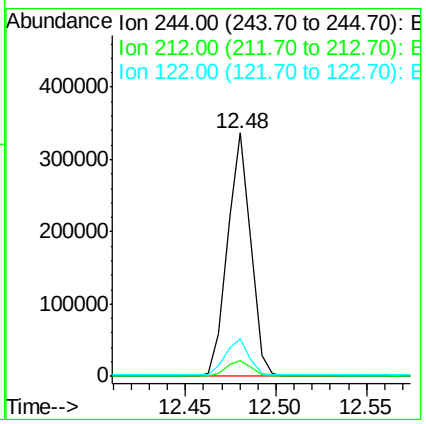


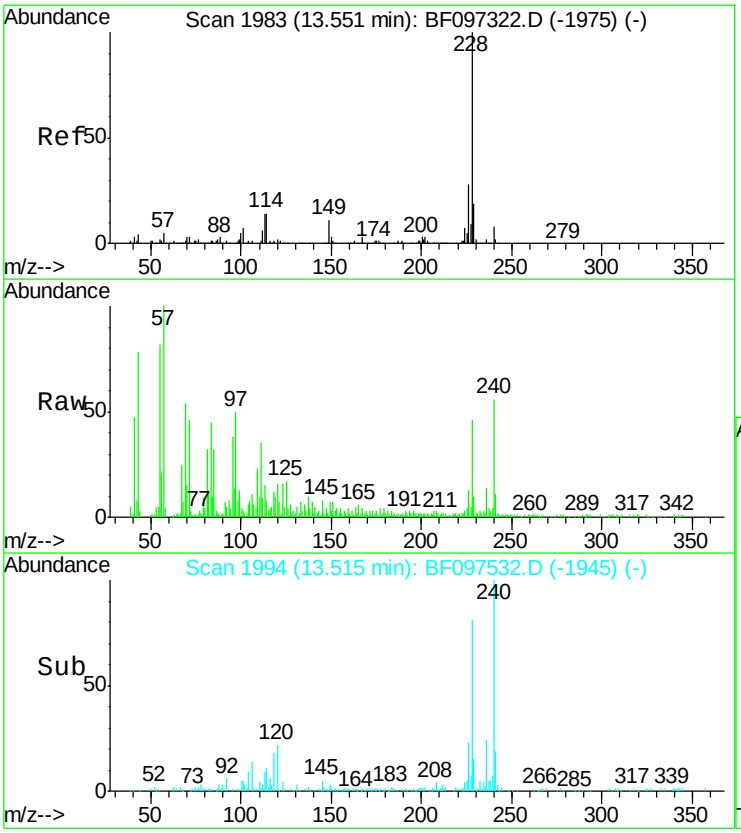
#78
Terphenyl-d14
Concen: 36.69 ng
RT: 12.48 min Scan# 1818
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:244 Resp: 300336

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	15.4	10.3	15.5

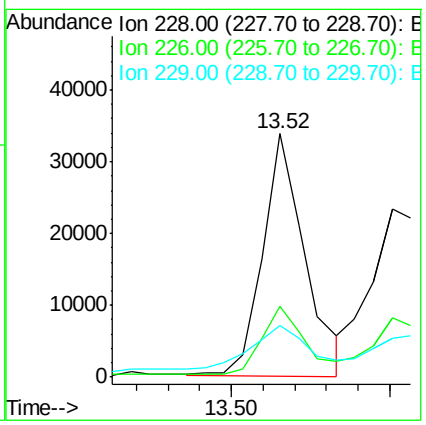


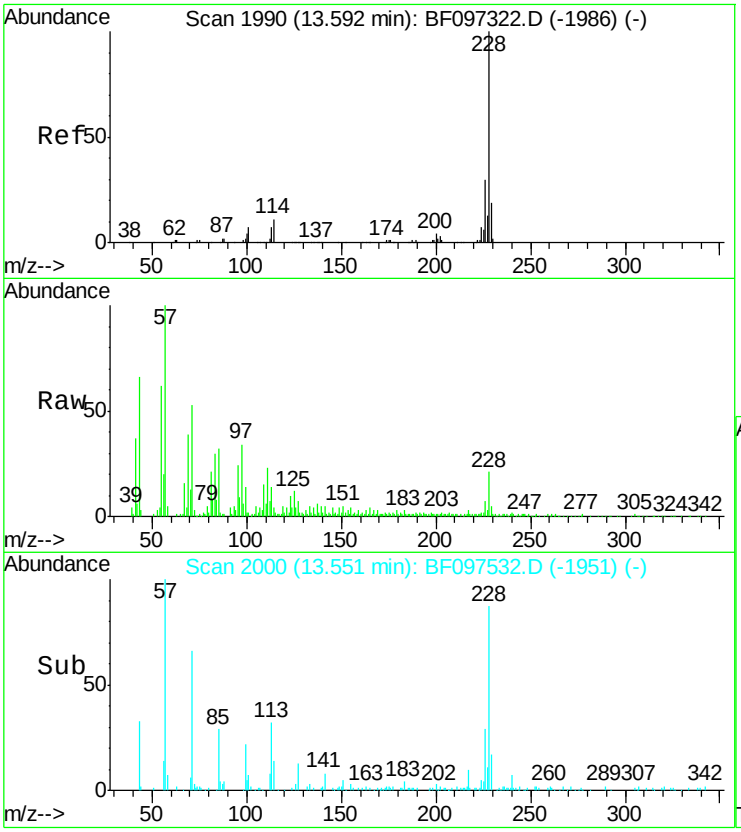


#80
Benzo(a)anthracene
Concen: 2.90 ng
RT: 13.52 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:228 Resp: 31352

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	33.8
229	21.4	16.3	24.5



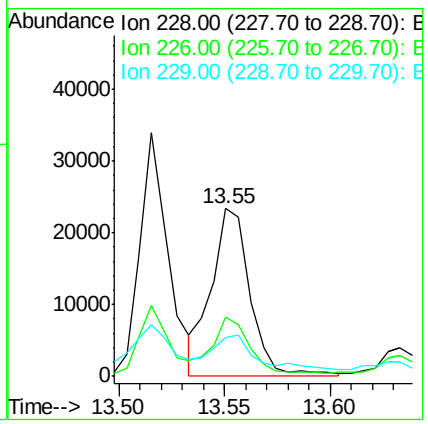


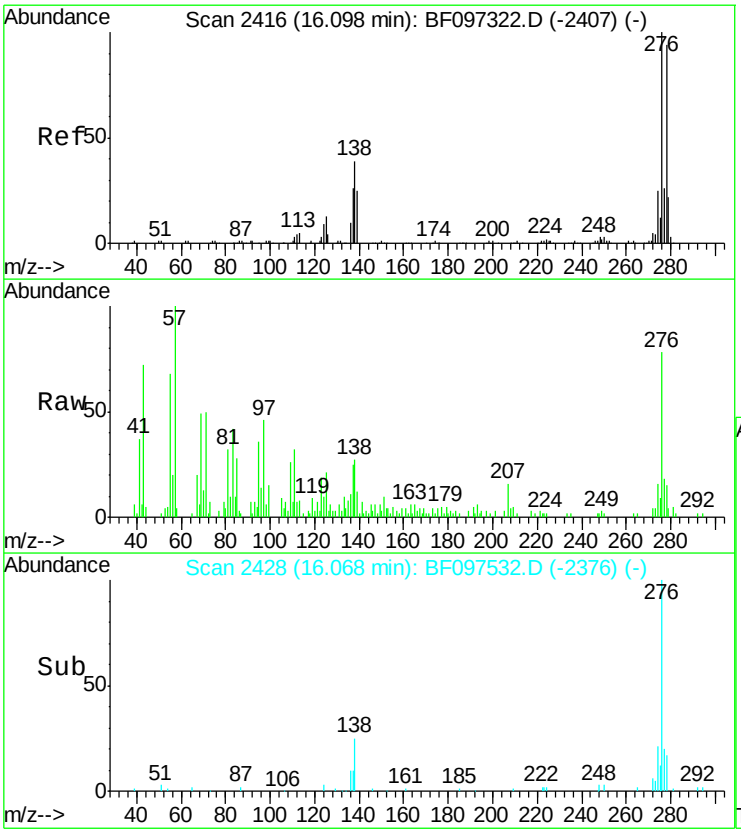
#82
Chrysene
Concen: 2.81 ng
RT: 13.55 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:228 Resp: 29589

Ion	Ratio	Lower	Upper
228	100		
226	35.3	24.9	37.3
229	23.0	15.8	23.6

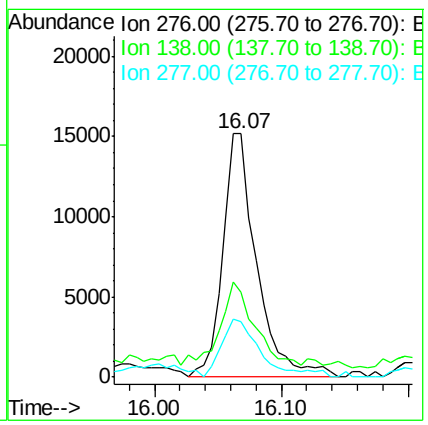


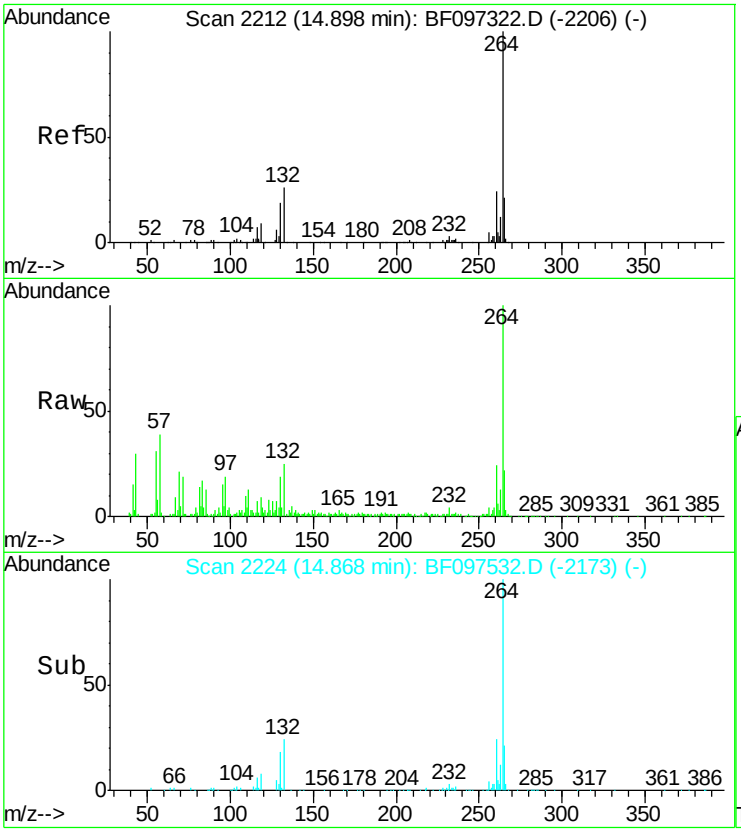


#85
Indeno(1,2,3-cd)pyrene
Concen: 3.11 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:276 Resp: 28090

Ion	Ratio	Lower	Upper
276	100		
138	33.6	27.8	41.6
277	25.9	20.2	30.4



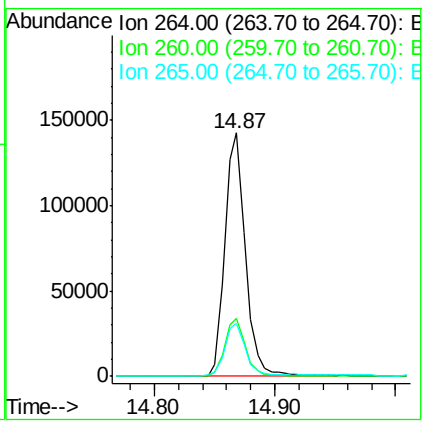


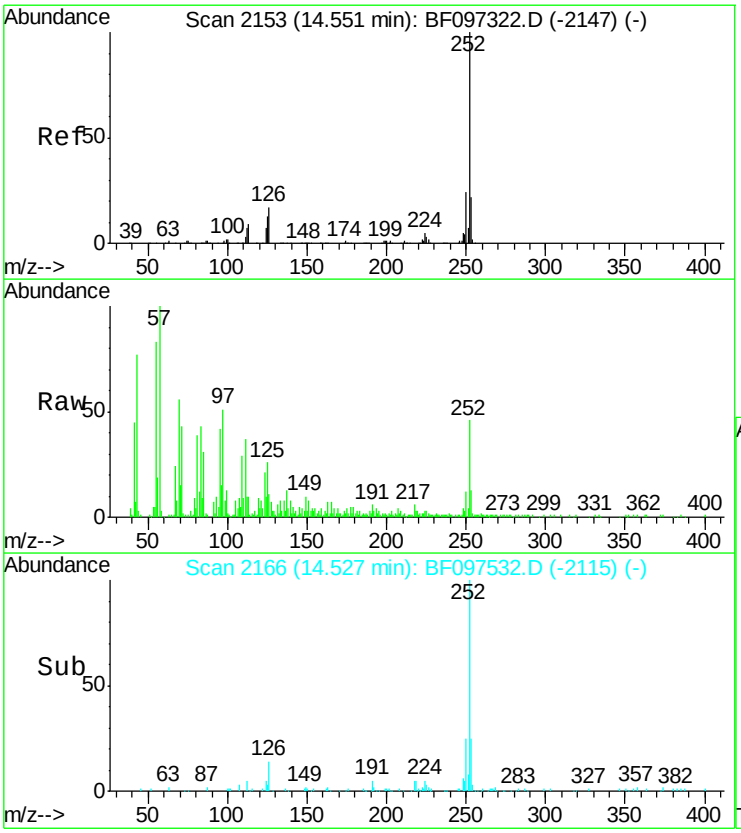
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.87 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:264 Resp: 169054

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.6	17.2	25.8

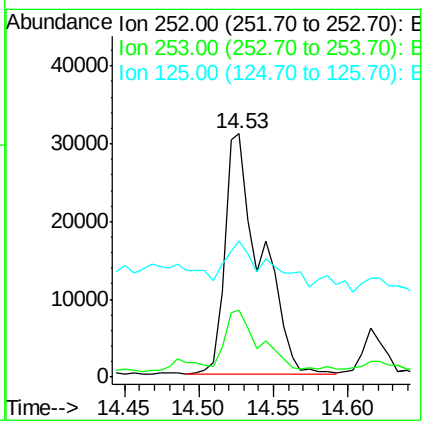


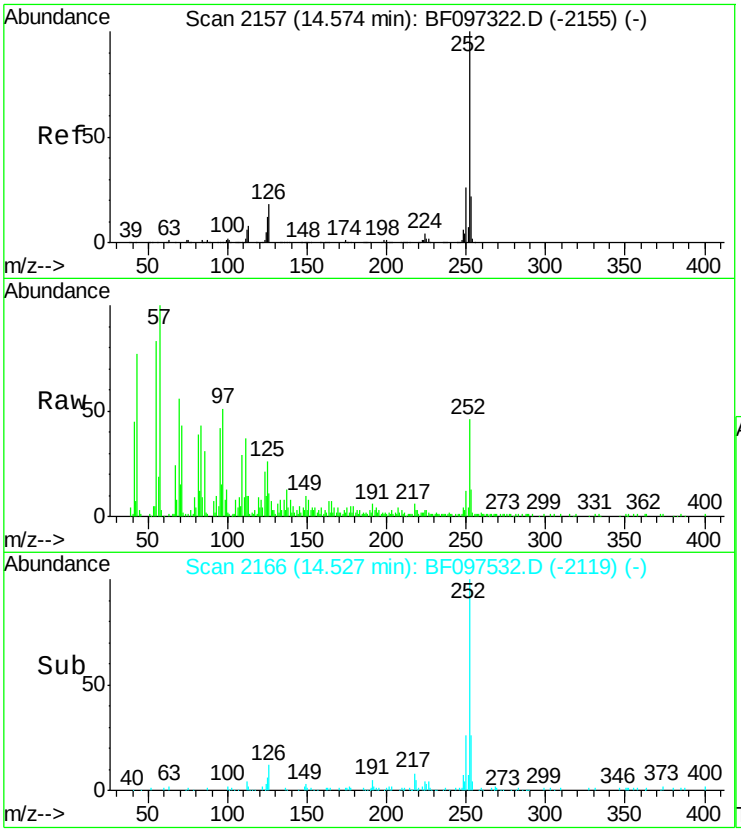


#87
Benzo(b)fluoranthene
Concen: 5.07 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:252 Resp: 51502

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.1	27.1#
125	56.0	9.8	14.8#



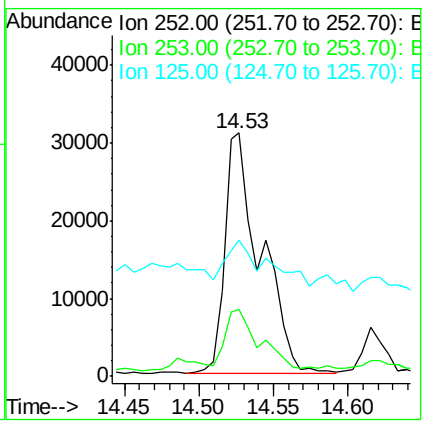


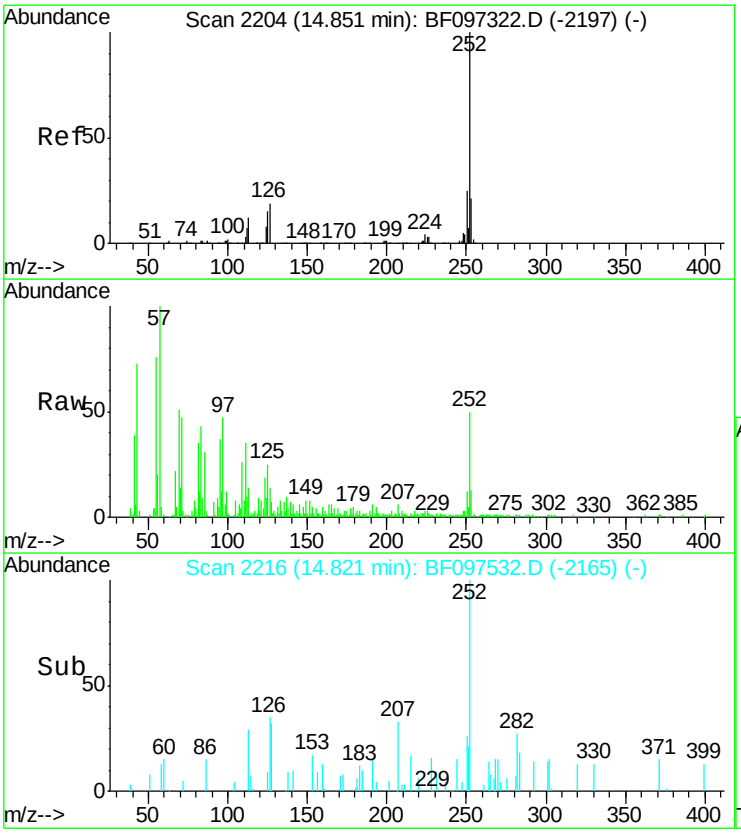
#88
Benzo(k)fluoranthene
Concen: 5.32 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:252 Resp: 51502

Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.4	27.6
125	56.0	13.1	19.7#

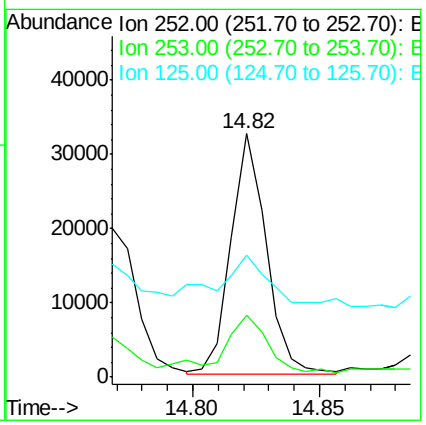


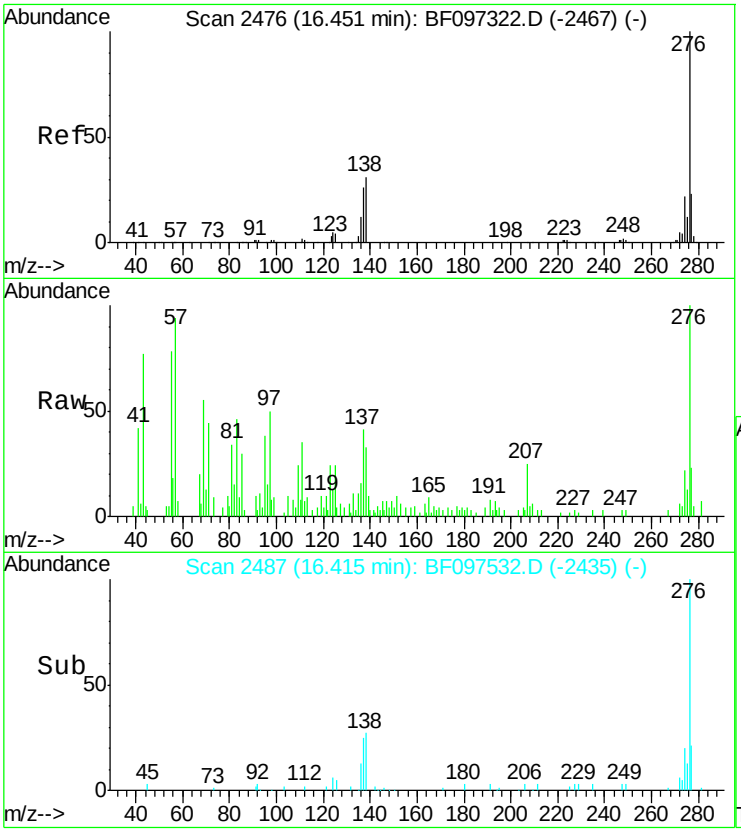


#89
Benzo(a)pyrene
Concen: 3.40 ng
RT: 14.82 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Tgt Ion:252 Resp: 31661

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.5	26.3
125	49.9	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 3.43 ng
RT: 16.42 min Scan# 2487
Delta R.T. 0.01 min
Lab File: BF097532.D
Acq: 9 Aug 2017 22:56

Instrument :
BNA_F
ClientSampleId :
E2-L9-BASE-WEST

Tgt Ion:276 Resp: 27452

Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	33.5	25.4	38.0