Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080817\
Data File : BF097510.D
Acq On : 9 Aug 2017 11:18
Operator : SJ/JU
Sample : I4614-04REDL 2X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-M10-ESWREDL

Quant Time: Aug 09 15:56:25 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	93793	20.00	ng		0.00
21) Naphthalene-d8	7.69	136	374959	20.00	ng		-0.01
38) Acenaphthene-d10	9.43	164	132466	20.00	ng		0.00
63) Phenanthrene-d10	10.90	188	186355	20.00	ng		-0.01
75) Chrysene-d12	13.53	240	169460	20.00	ng		0.00
86) Perylene-d12	14.87	264	117725	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.00	112	335392	53.91	ng		0.00
7) Phenol-d6	6.07	99	403384	56.79	ng		-0.01
23) Nitrobenzene-d5	6.97	82	213356	33.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.22	330	48267	46.12	ng		-0.01
44) 2-Fluorobiphenyl	8.77	172	346730	44.42	ng		0.00
78) Terphenyl-d14	12.49	244	216968	26.10	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	6.97	70	27861	5.959	ng	#	88
25) Isophorone	6.97	82	213354	17.045	ng	#	67
48) Acenaphthylene	9.30	152	37398	2.926	ng		96
49) Dimethylphthalate	9.17	163	54891	5.457	ng	#	99
70) Phenanthrene	10.93	178	126576	12.677	ng		96
71) Anthracene	10.99	178	33875	3.312	ng		99
73) Di-n-butylphthalate	11.49	149	49281	3.964	ng		99
74) Fluoranthene	12.11	202	176980	18.093	ng		97
77) Pyrene	12.33	202	222434	16.033	ng		100
80) Benzo(a)anthracene	13.52	228	87052	7.939	ng		97
82) Chrysene	13.56	228	73893	6.902	ng		95
85) Indeno(1,2,3-cd)pyrene	16.07	276	32322	3.521	ng		95
87) Benzo(b)fluoranthene	14.53	252	96814	13.681	ng	#	96
88) Benzo(k)fluoranthene	14.53	252	96814	14.357	ng		100
89) Benzo(a)pyrene	14.82	252	57508	8.879	ng	#	95
91) Benzo(g,h,i)perylene	16.42	276	32652	5.862	ng		94

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

Quantitation Report (Not Reviewed)

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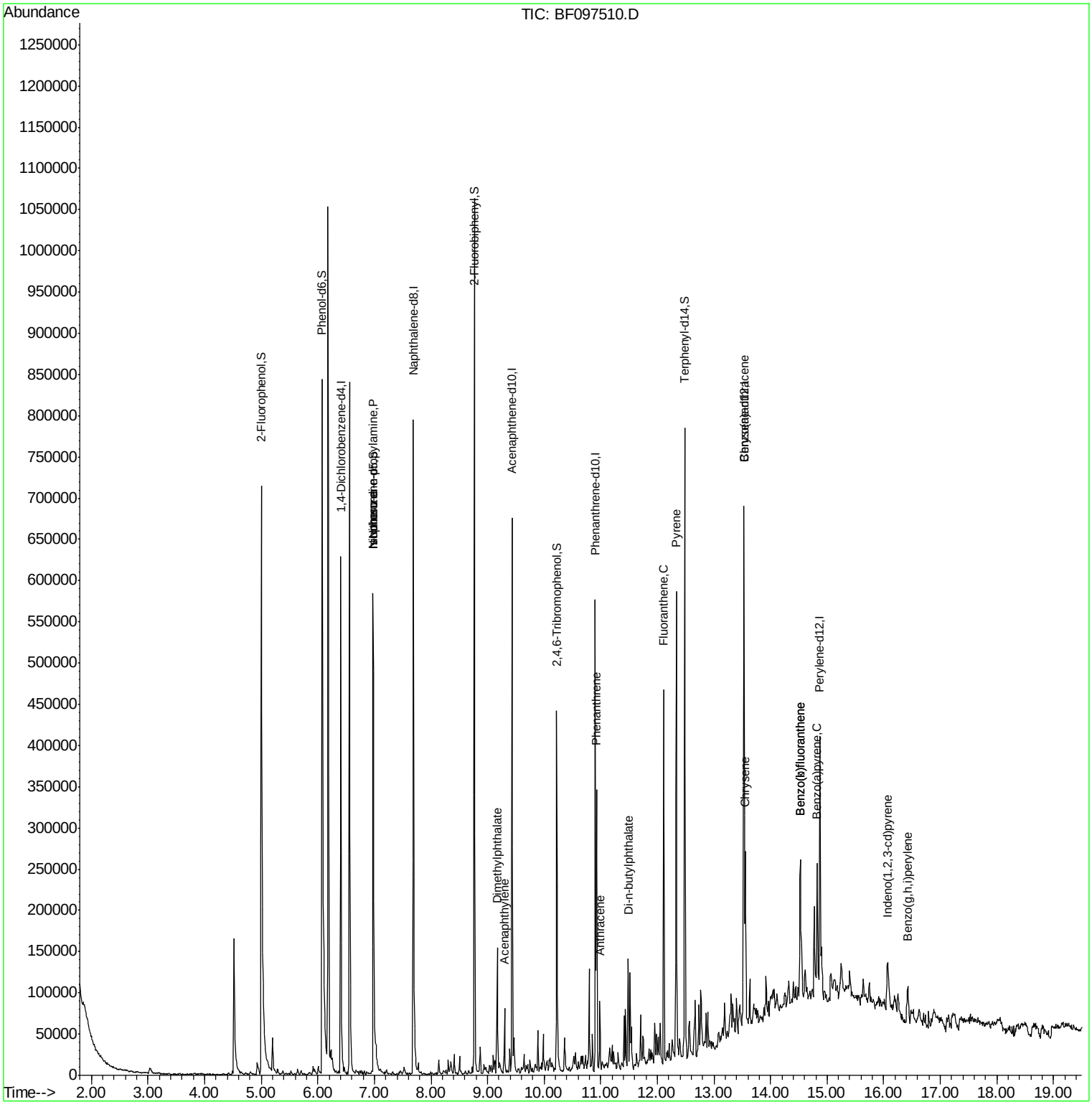
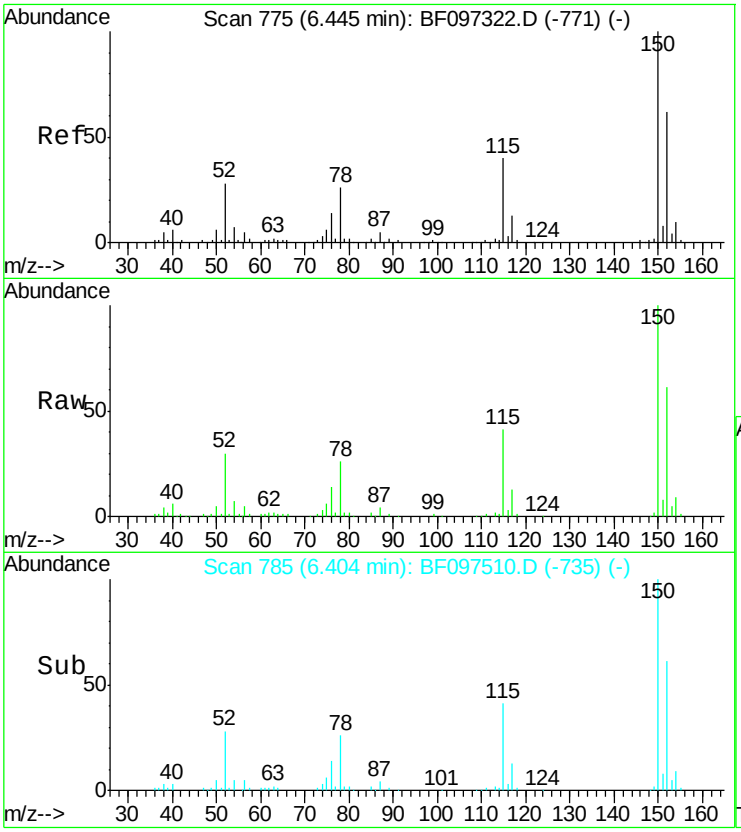
E2-M10-ESWREDL

Quant Time: Aug 09 15:56:25 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



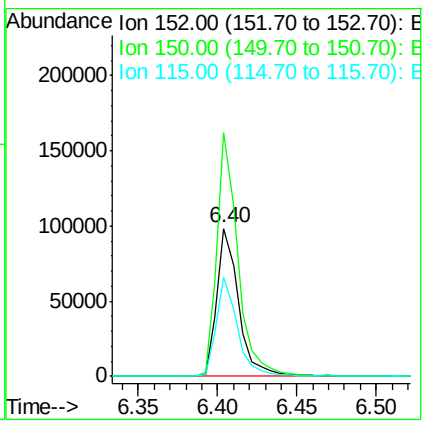


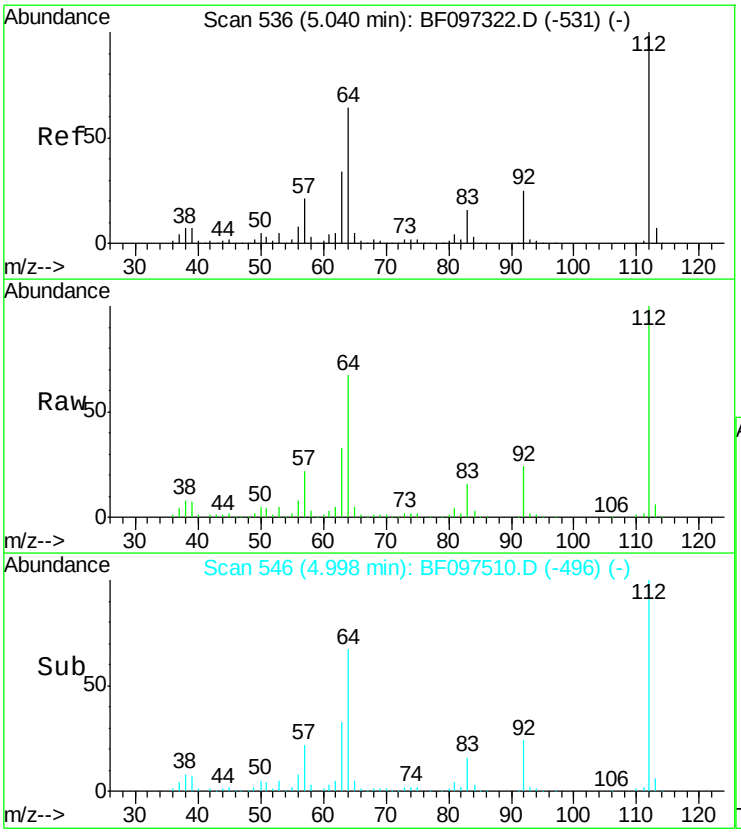
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:152 Resp: 93793

Ion	Ratio	Lower	Upper
152	100		
150	164.4	126.2	189.2
115	67.2	52.2	78.2

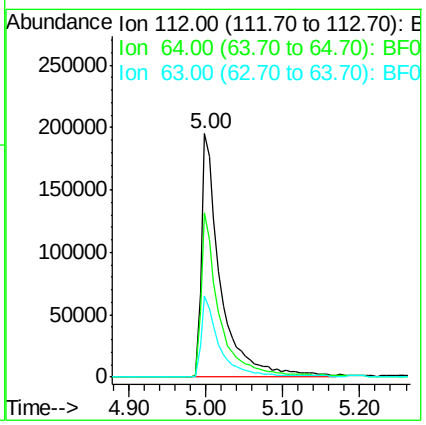


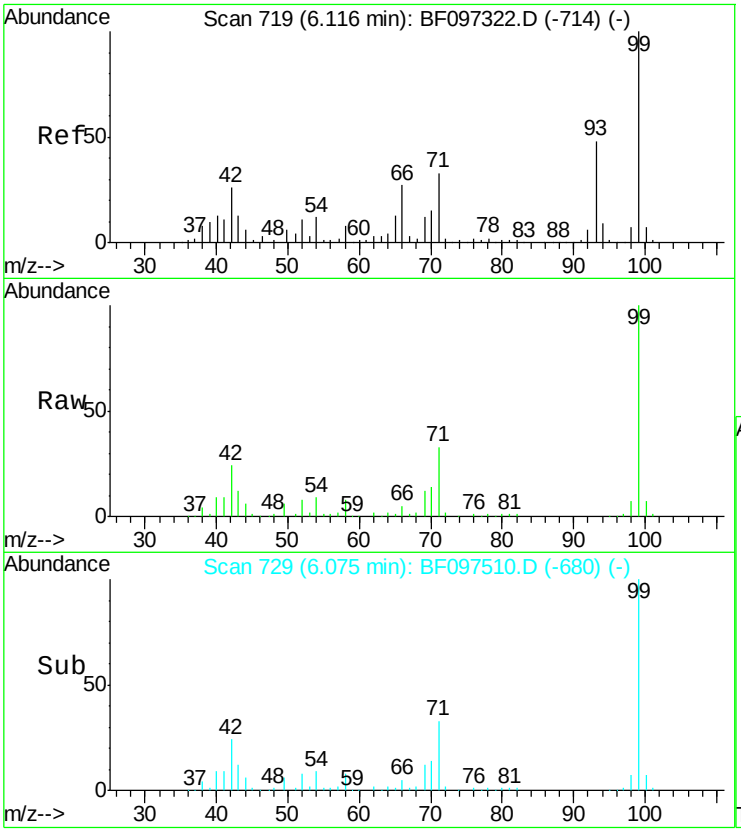


#5
2-Fluorophenol
Concen: 53.906 ng
RT: 5.00 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:112 Resp: 335392

Ion	Ratio	Lower	Upper
112	100		
64	67.3	46.0	69.0
63	33.2	23.4	35.0



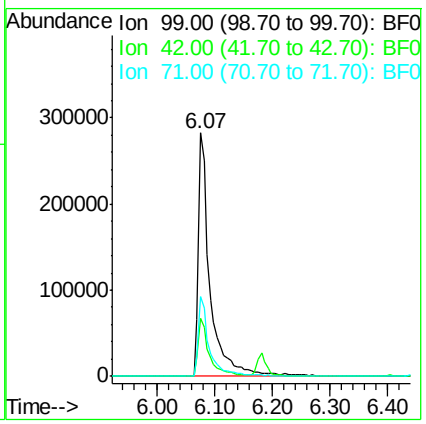


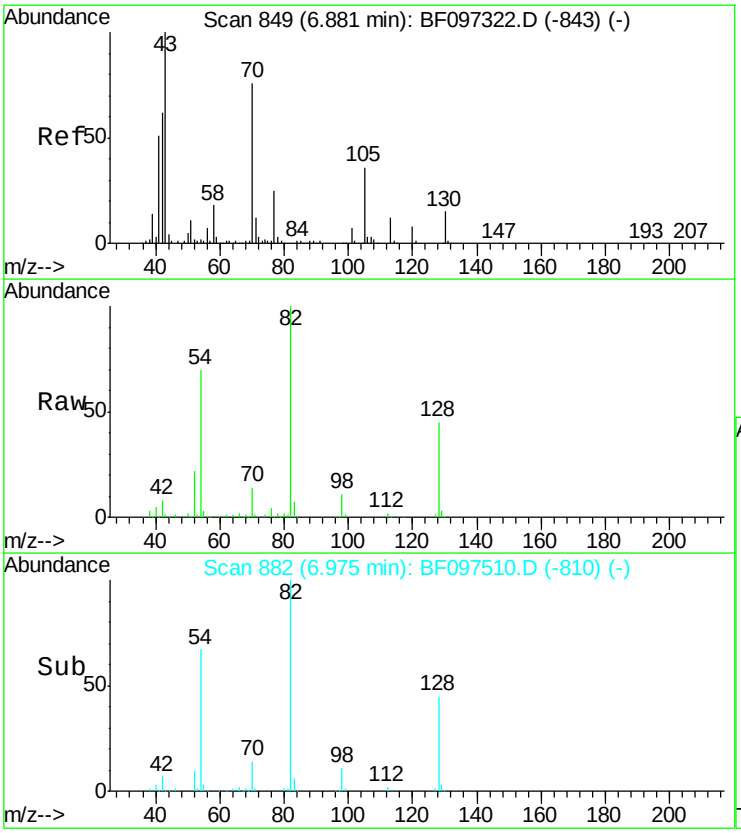
#7
Phenol-d6
Concen: 56.791 ng
RT: 6.07 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion: 99 Resp: 403384

Ion	Ratio	Lower	Upper
99	100		
42	24.0	13.5	20.3#
71	32.7	24.5	36.7

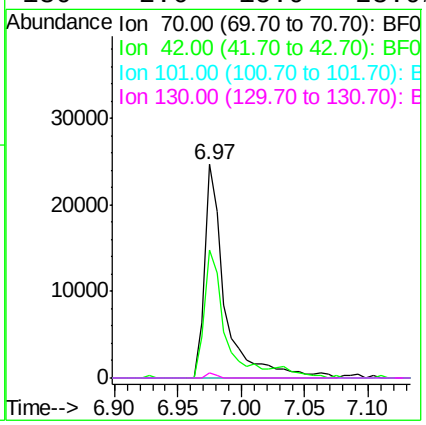


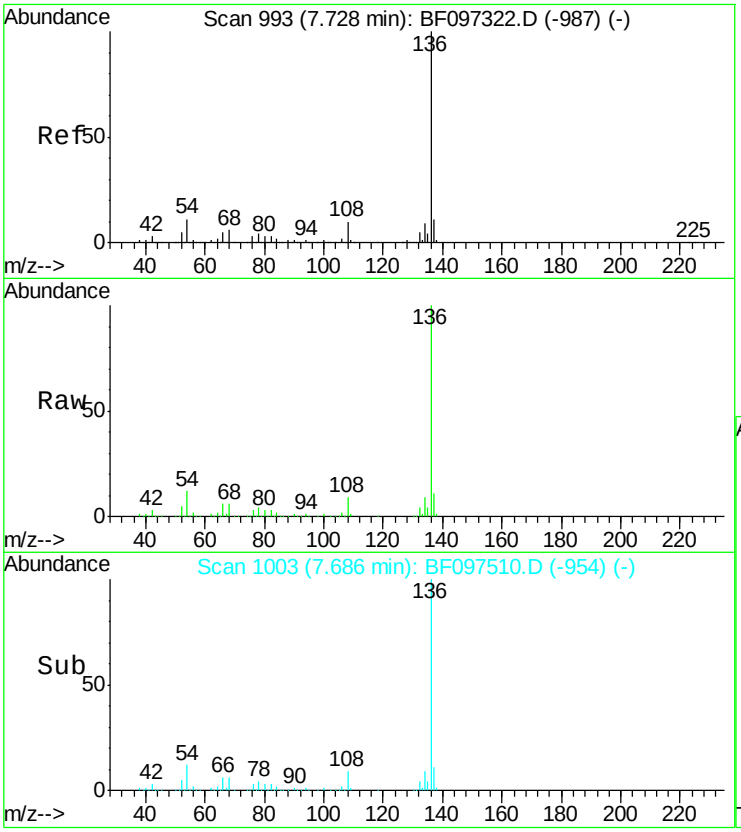


#19
n-Nitroso-di-n-propylamine
Concen: 5.959 ng
RT: 6.97 min Scan# 882
Delta R.T. 0.12 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion: 70 Resp: 27861

Ion	Ratio	Lower	Upper
70	100		
42	60.1	47.2	70.8
101	0.0	7.2	10.8#
130	2.6	15.9	23.9#



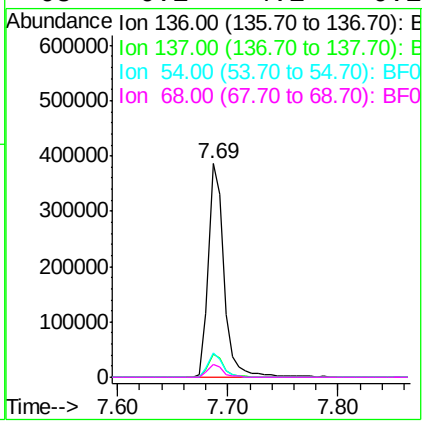


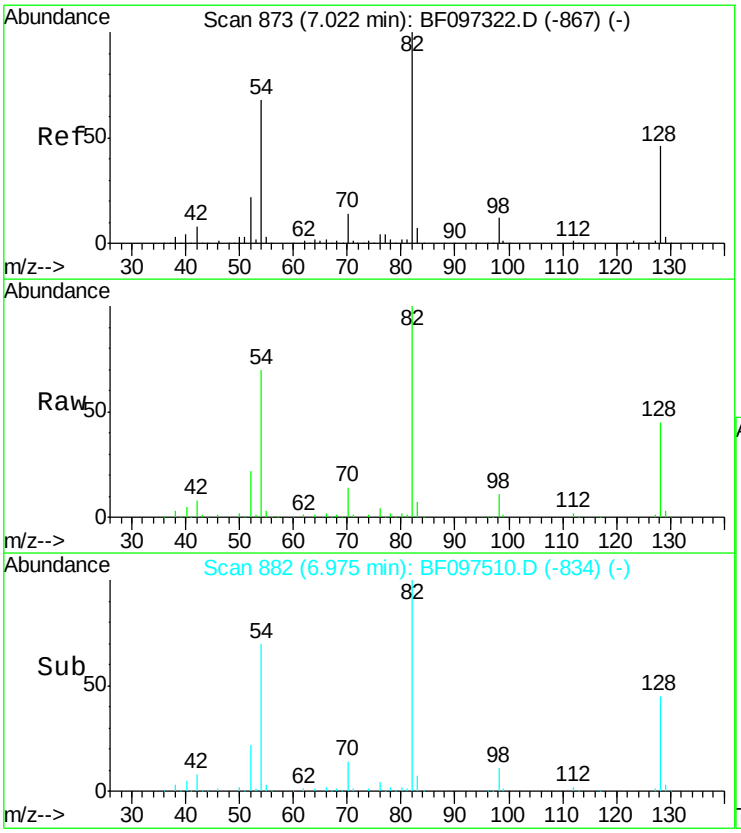
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.69 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:136 Resp: 374959

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.6	4.9	7.3#
68	6.1	4.1	6.1

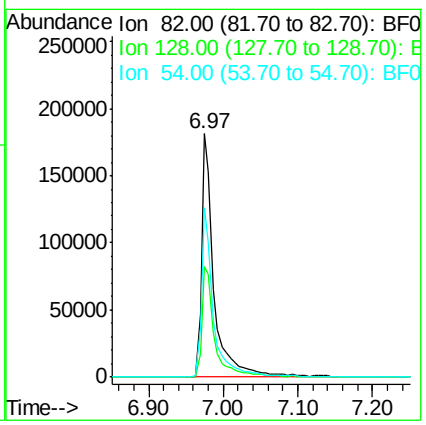


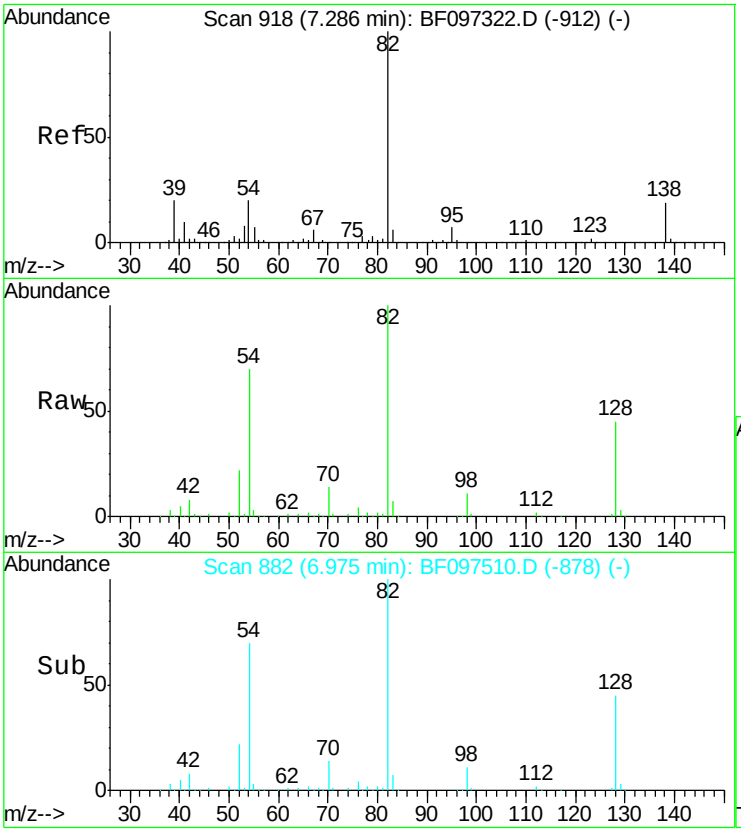


#23
Nitrobenzene-d5
Concen: 33.380 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.02 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion: 82 Resp: 213356

Ion	Ratio	Lower	Upper
82	100		
128	45.4	34.0	51.0
54	69.8	42.2	63.2#



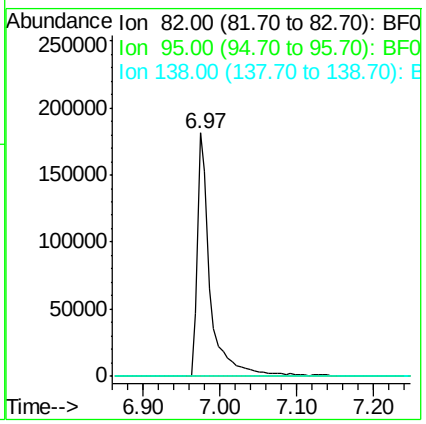


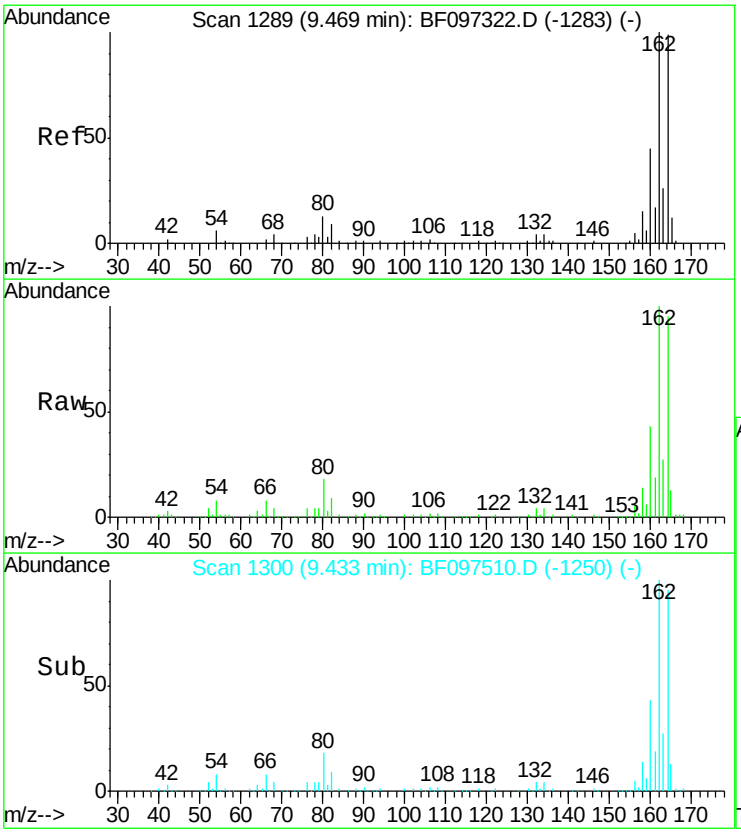
#25
Isophorone
Concen: 17.045 ng
RT: 6.97 min Scan# 882
Delta R.T. -0.28 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion: 82 Resp: 213354

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

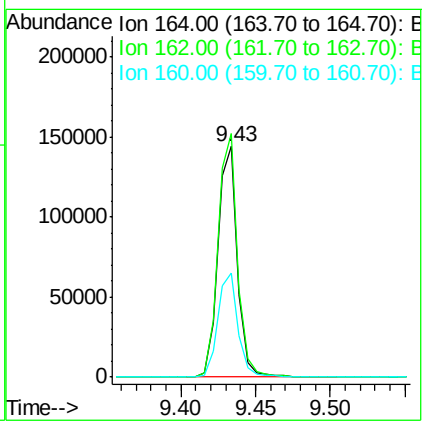


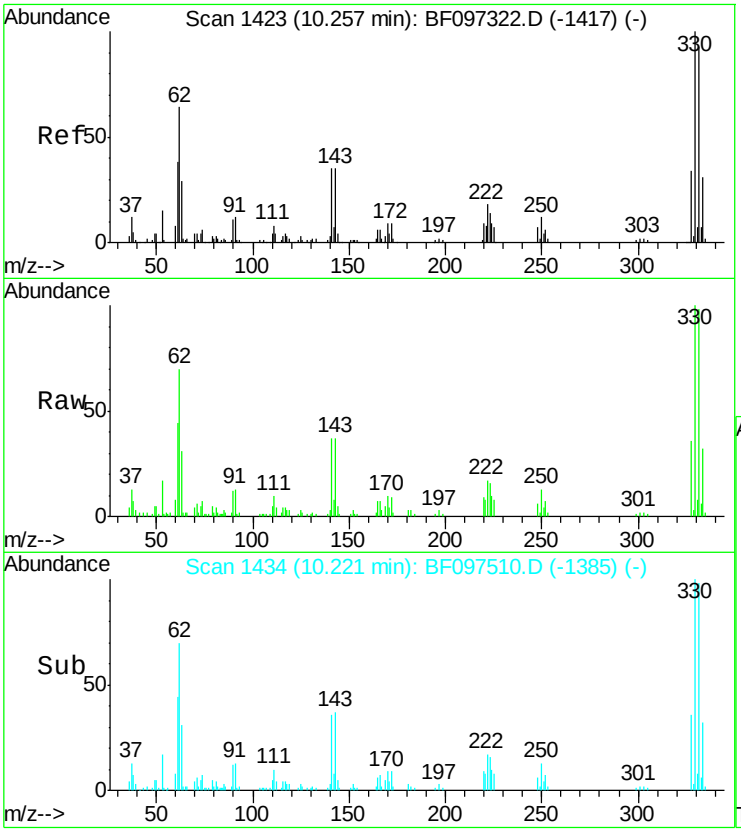


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.43 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:164 Resp: 132466

Ion	Ratio	Lower	Upper
164	100		
162	105.7	82.6	123.8
160	45.1	36.2	54.2



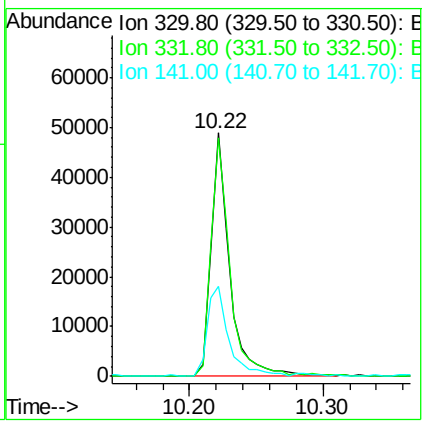


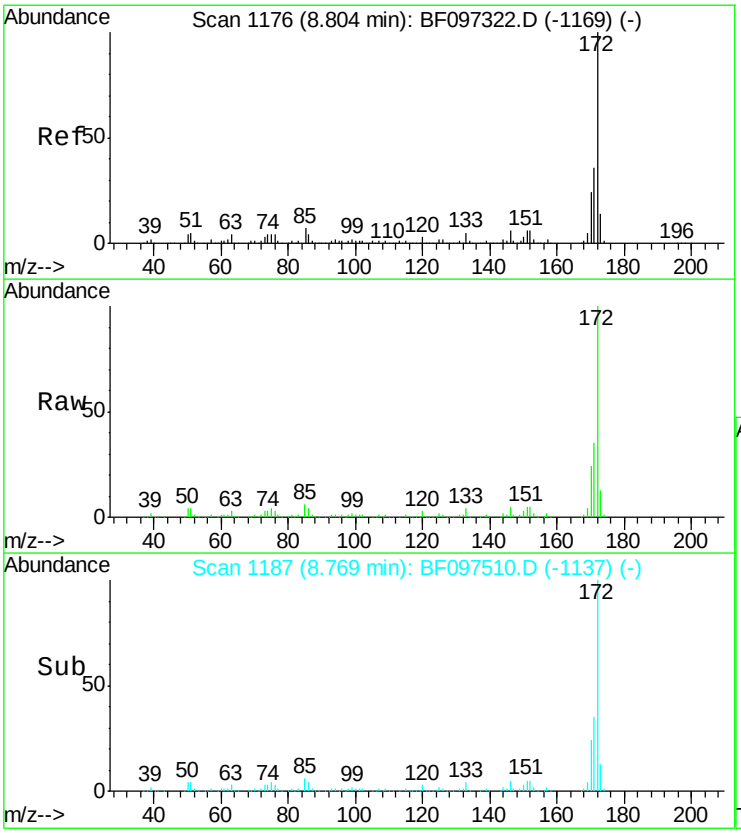
#41
2,4,6-Tribromophenol
Concen: 46.117 ng
RT: 10.22 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:330 Resp: 48267

Ion	Ratio	Lower	Upper
330	100		
332	101.0	76.6	115.0
141	42.4	31.4	47.2

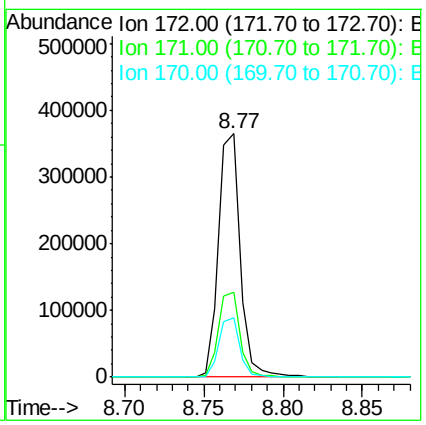


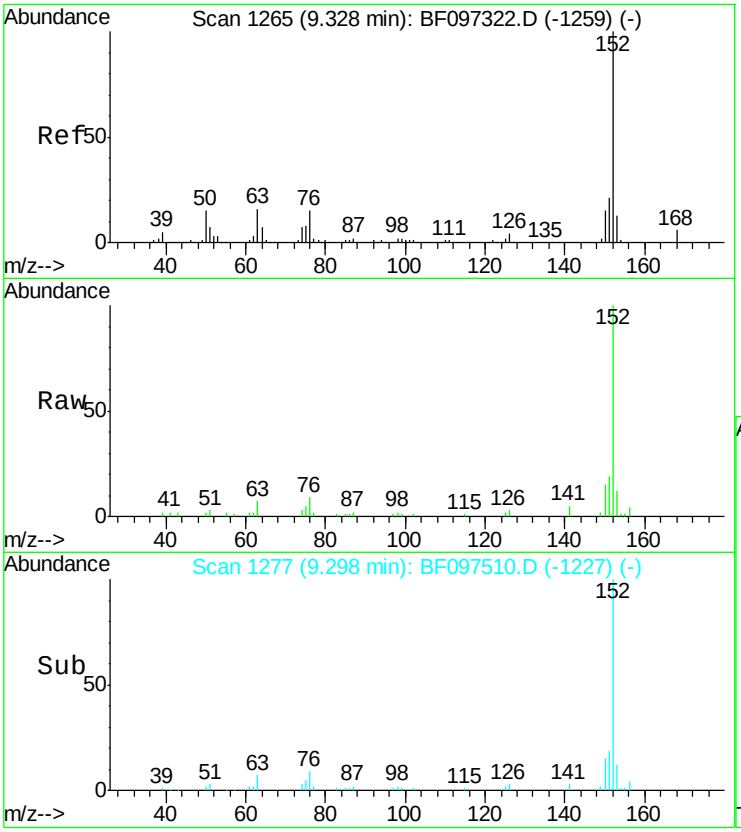


#44
2-Fluorobiphenyl
Concen: 44.422 ng
RT: 8.77 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:172 Resp: 346730

Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	24.2	19.8	29.8



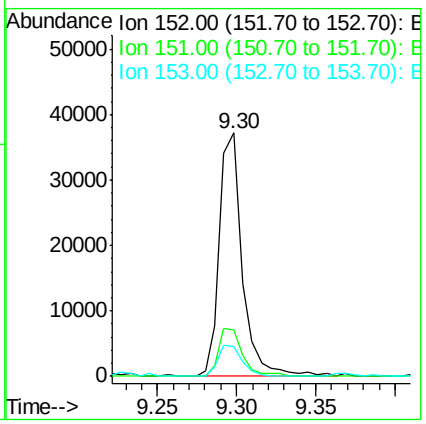


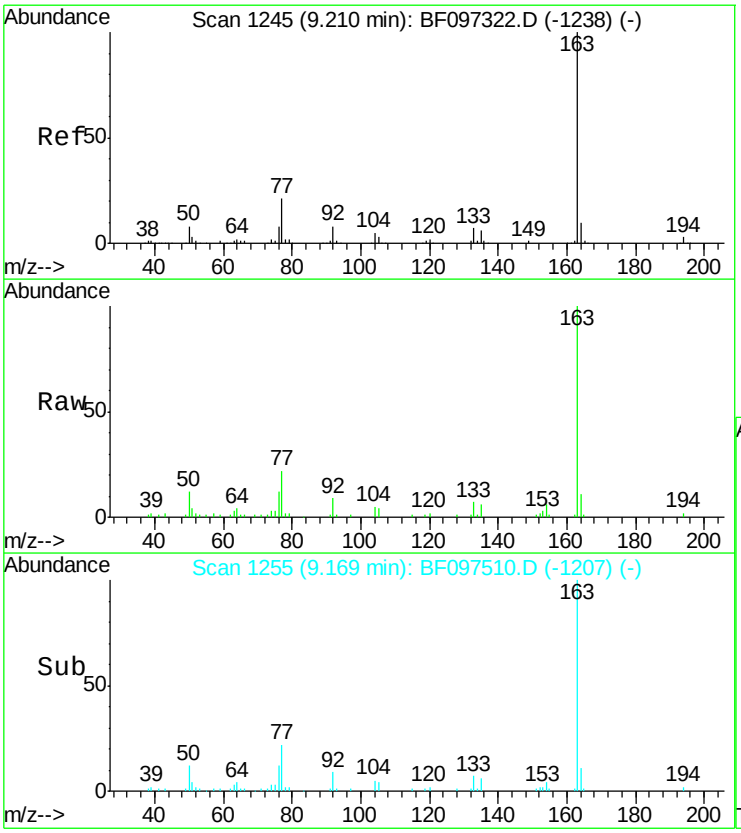
#48
Acenaphthylene
Concen: 2.926 ng
RT: 9.30 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:152 Resp: 37398

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.8	25.2
153	12.0	10.8	16.2

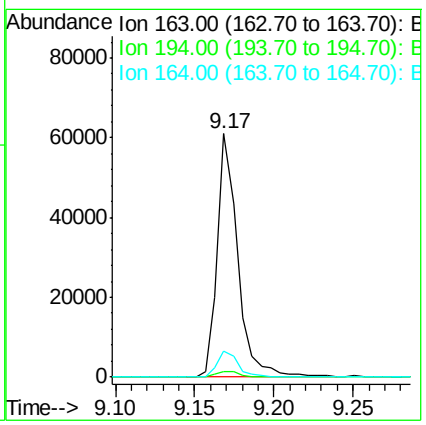


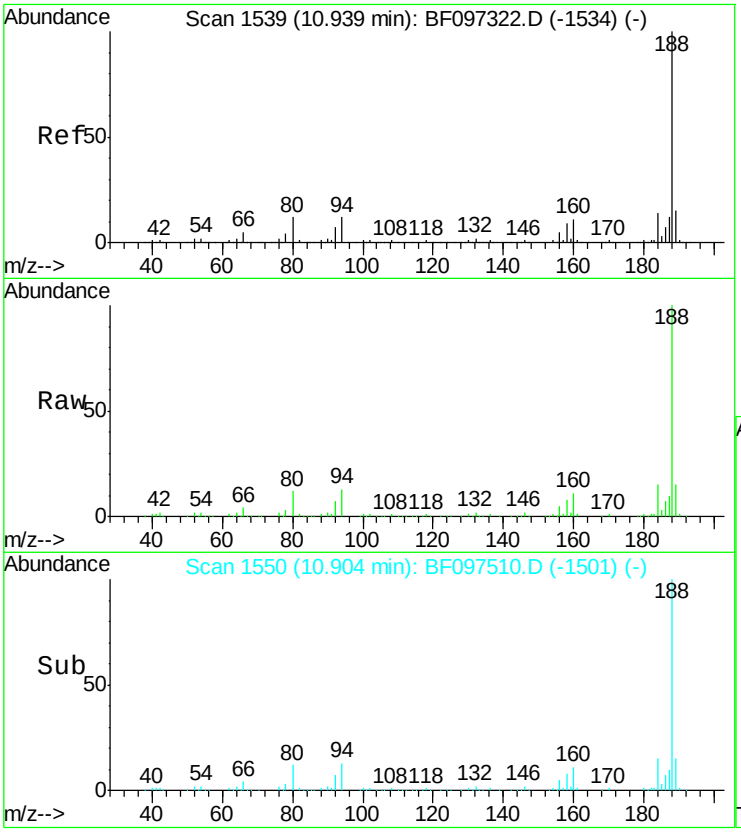


#49
Dimethylphthalate
Concen: 5.457 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:163 Resp: 54891

Ion	Ratio	Lower	Upper
163	100		
194	2.2	2.6	4.0#
164	10.7	8.4	12.6



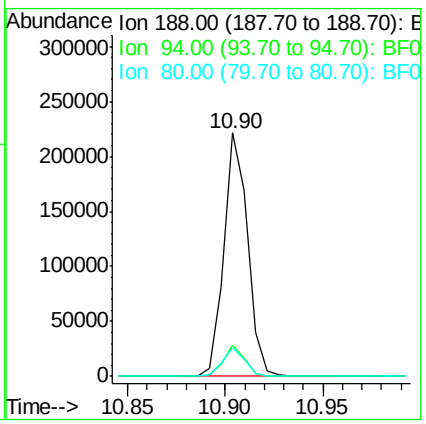


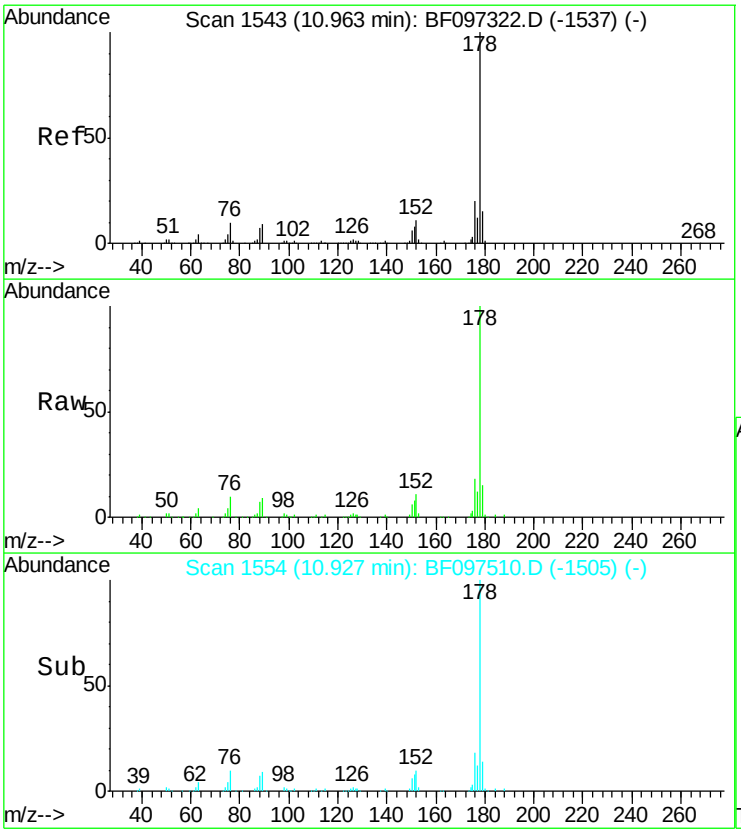
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:188 Resp: 186355

Ion	Ratio	Lower	Upper
188	100		
94	12.6	9.4	14.2
80	11.8	10.2	15.2

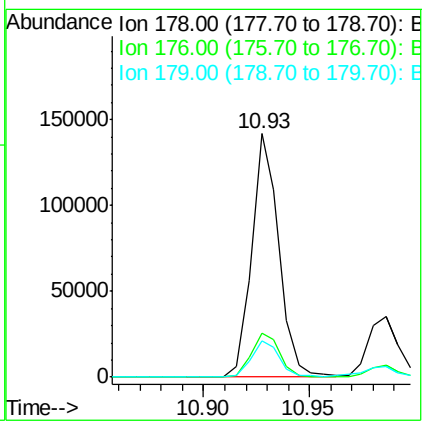


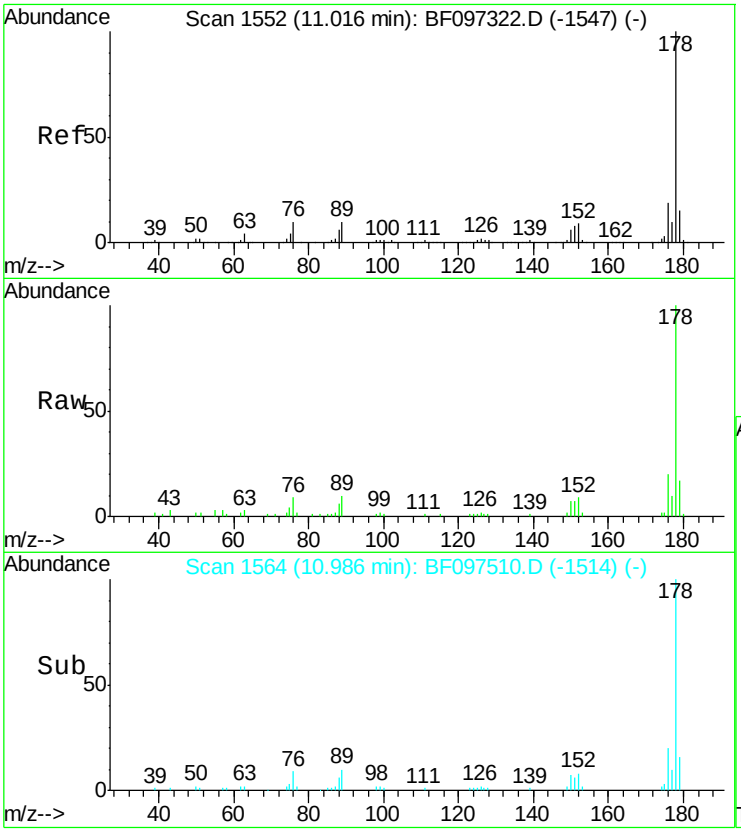


#70
Phenanthrene
Concen: 12.677 ng
RT: 10.93 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:178 Resp: 126576

Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.2	24.4
179	14.7	12.6	19.0



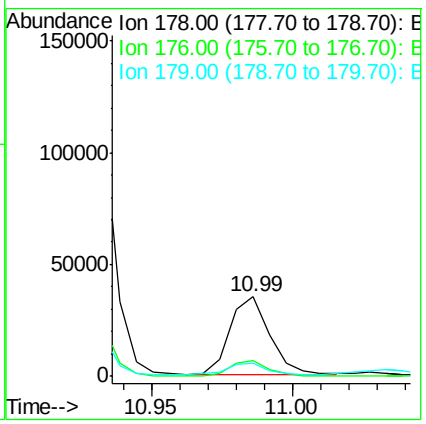


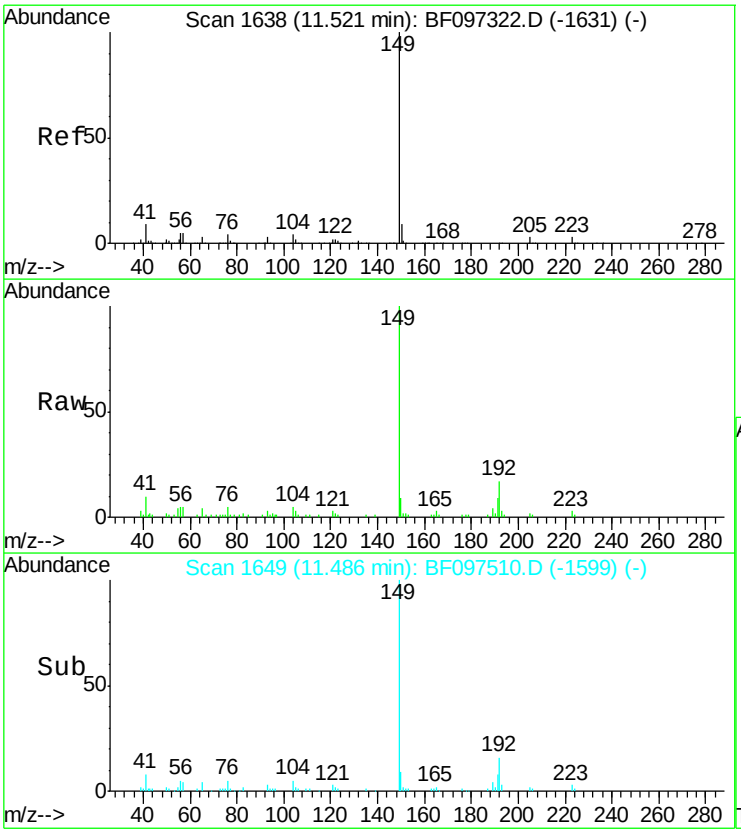
#71
Anthracene
Concen: 3.312 ng
RT: 10.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:178 Resp: 33875

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	16.9	12.7	19.1

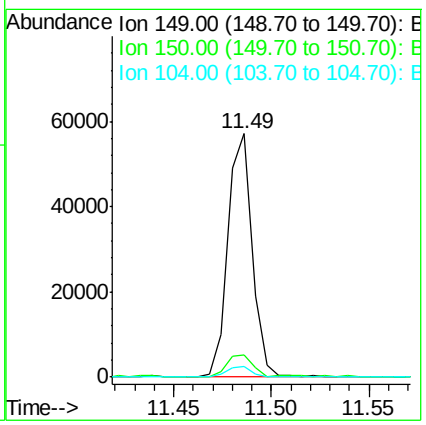


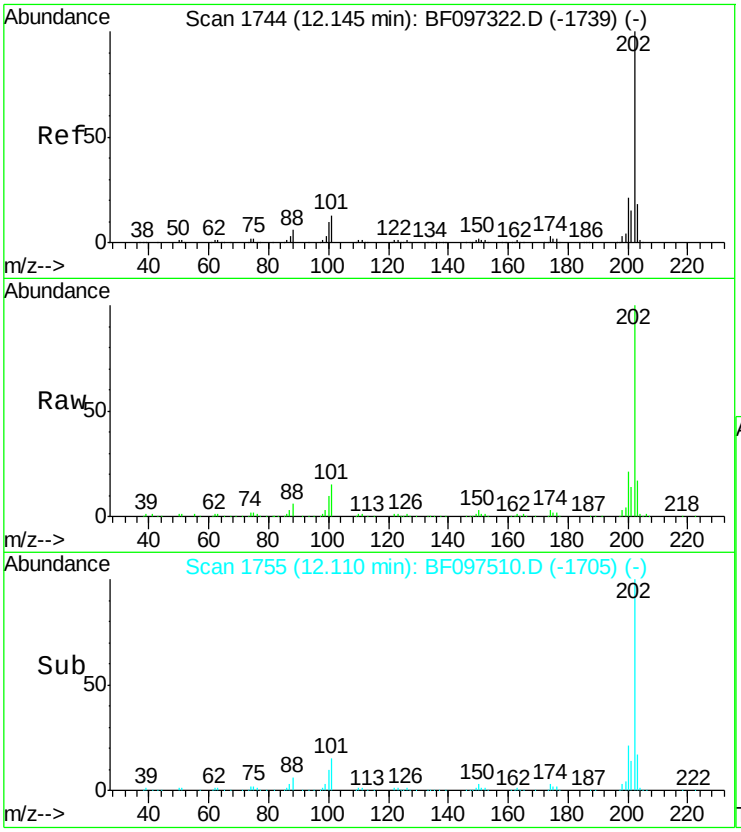


#73
Di-n-butylphthalate
Concen: 3.964 ng
RT: 11.49 min Scan# 1649
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:149 Resp: 49281

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	4.6	4.0	6.0



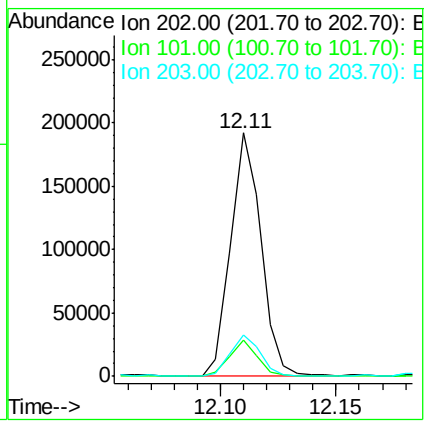


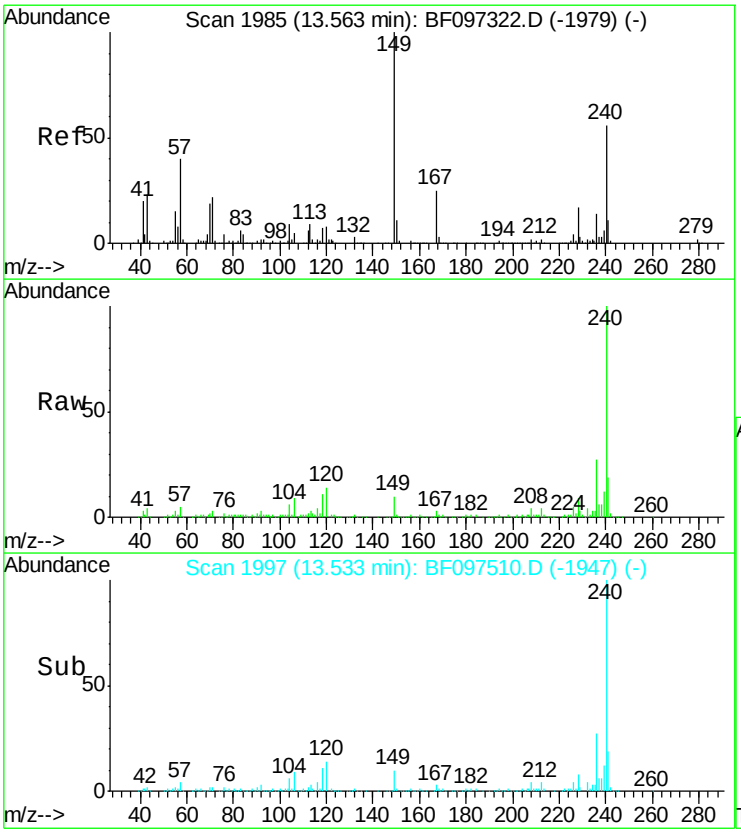
#74
Fluoranthene
Concen: 18.093 ng
RT: 12.11 min Scan# 1755
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:202 Resp: 176980

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	33.2
203	16.9	0.0	38.1

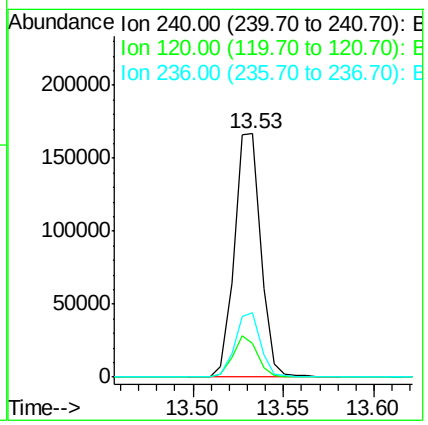


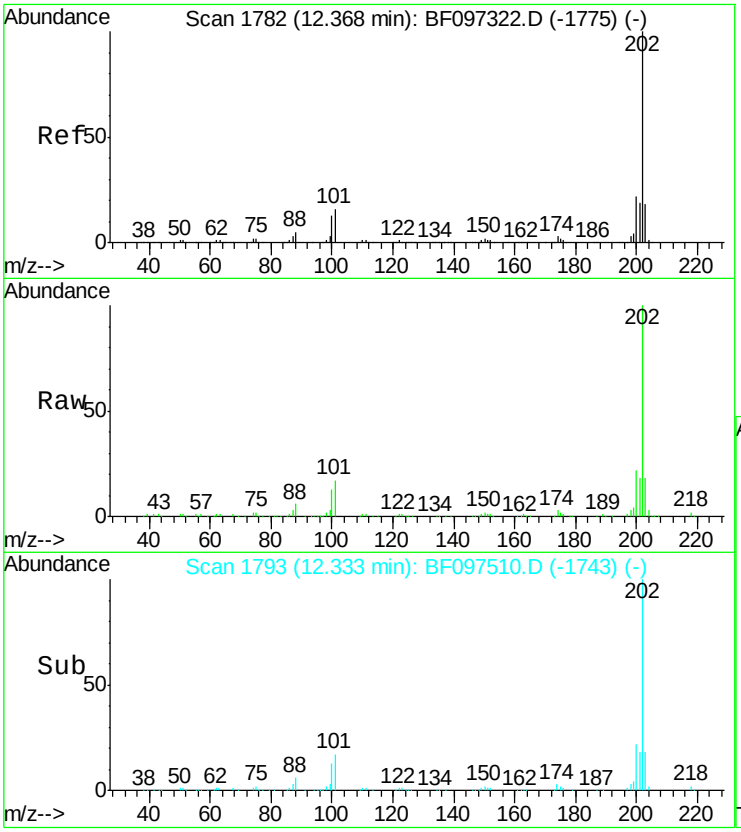


#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:240 Resp: 169460

Ion	Ratio	Lower	Upper
240	100		
120	13.6	5.8	8.8#
236	26.5	20.5	30.7



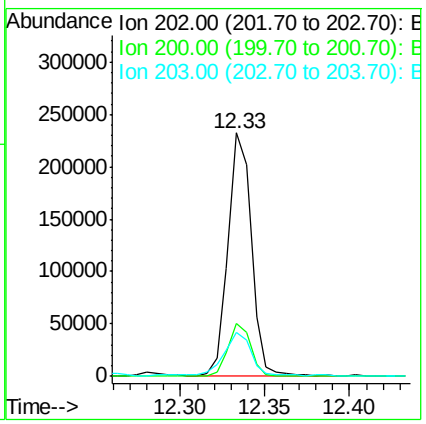


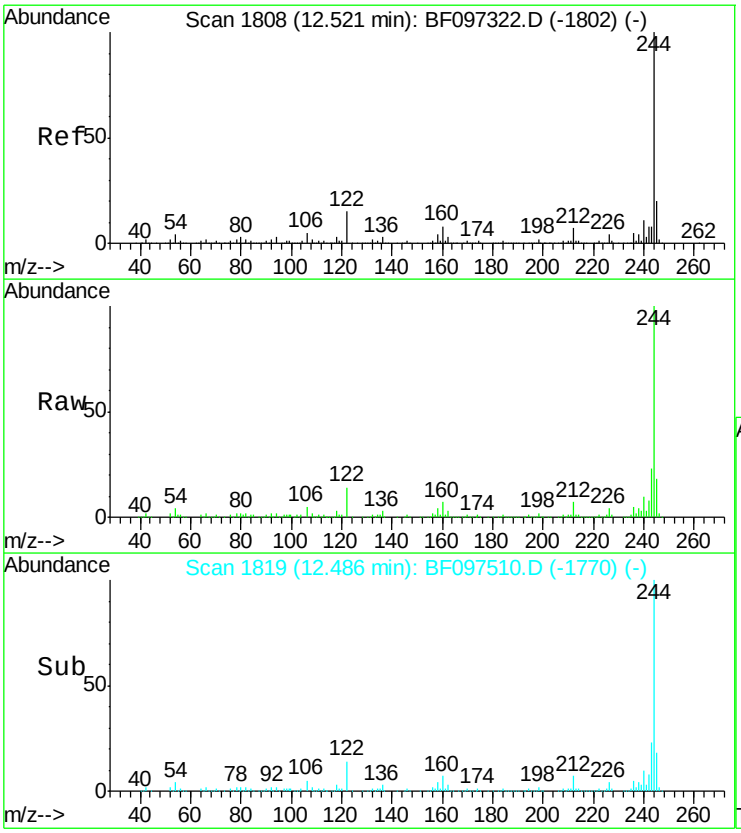
#77
Pyrene
Concen: 16.033 ng
RT: 12.33 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:202 Resp: 222434

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.6	26.4
203	18.0	14.4	21.6

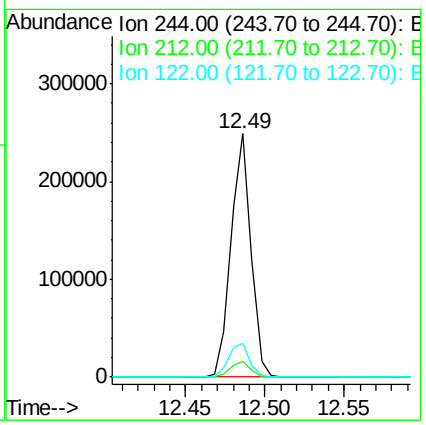


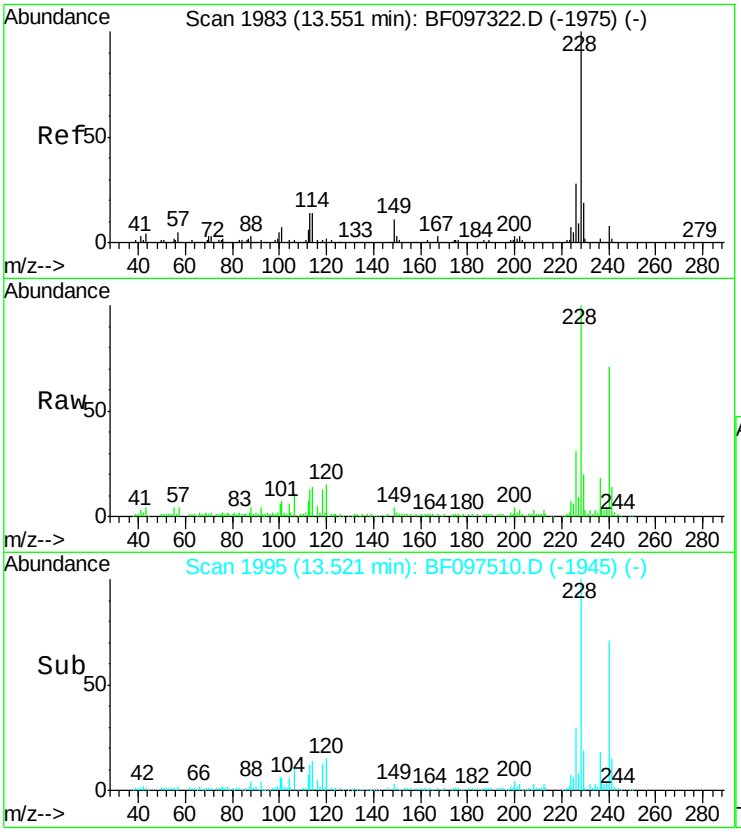


#78
Terphenyl-d14
Concen: 26.104 ng
RT: 12.49 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:244 Resp: 216968

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	14.0	10.3	15.5



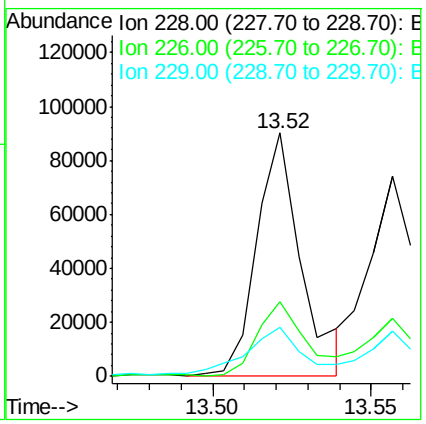


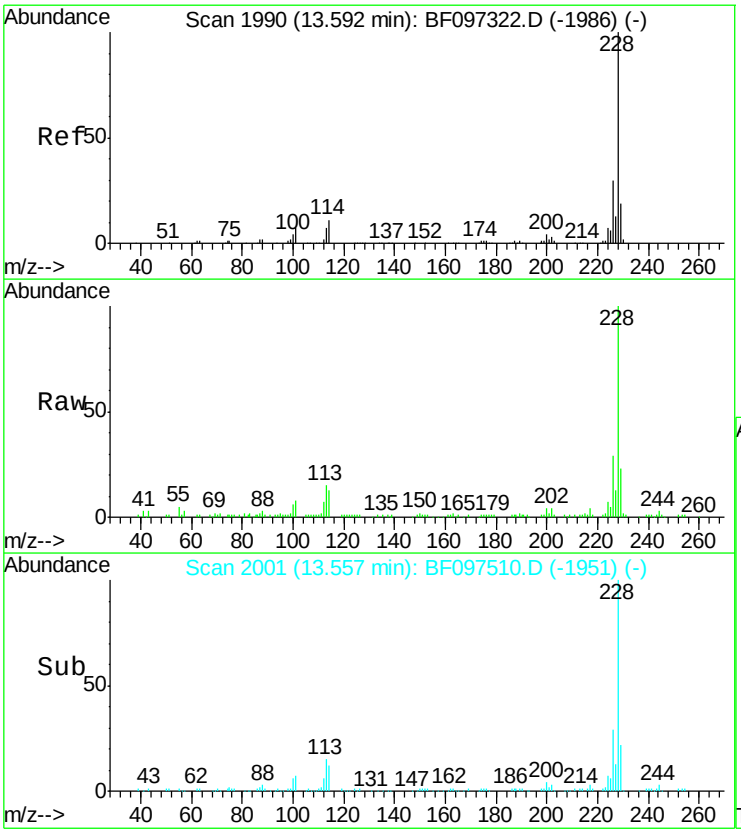
#80
Benzo(a)anthracene
Concen: 7.939 ng
RT: 13.52 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:228 Resp: 87052

Ion	Ratio	Lower	Upper
228	100		
226	30.7	22.6	33.8
229	20.0	16.3	24.5

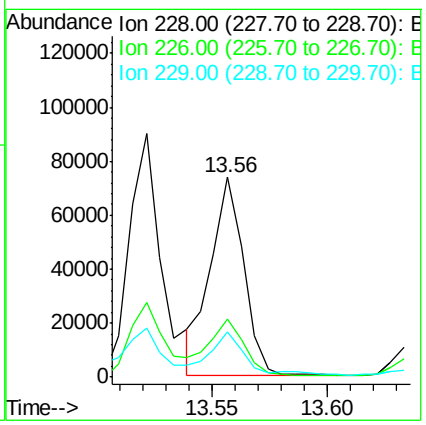


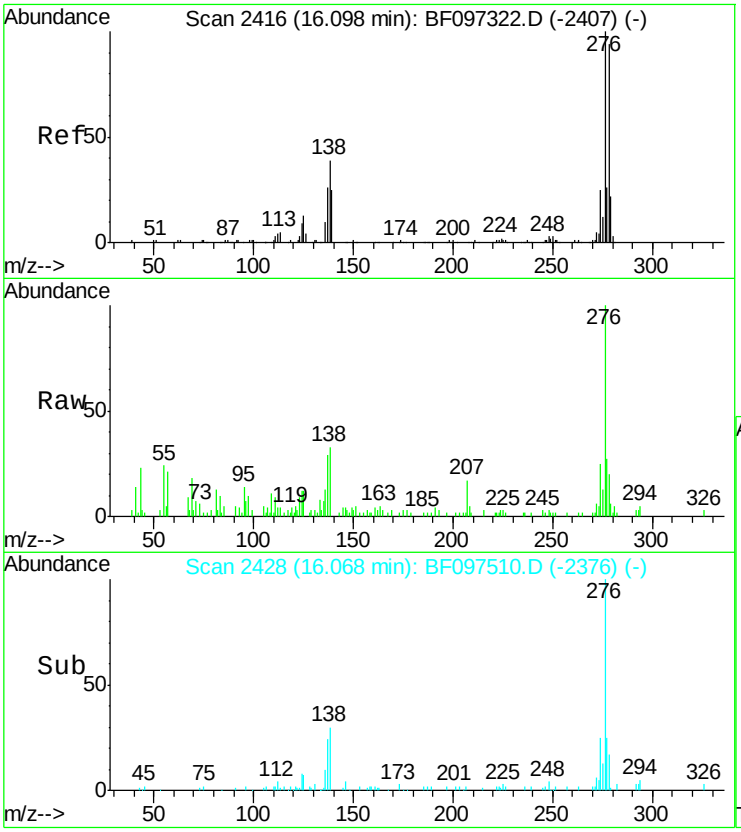


#82
Chrysene
Concen: 6.902 ng
RT: 13.56 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:228 Resp: 73893

Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.9	37.3
229	22.5	15.8	23.6



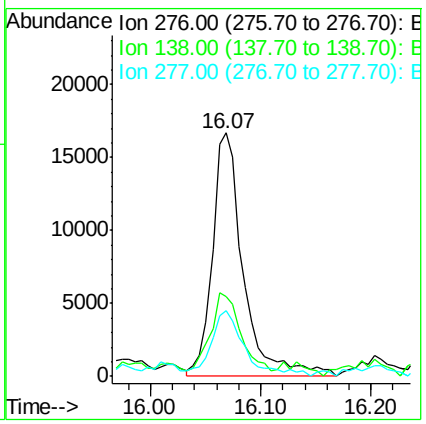


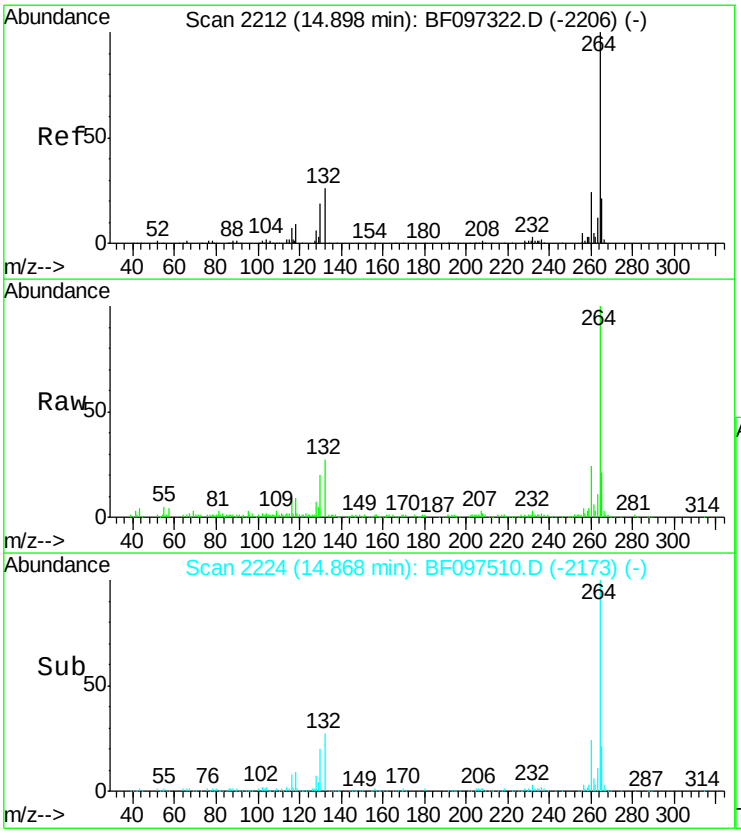
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.521 ng
RT: 16.07 min Scan# 2428
Delta R.T. 0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:276 Resp: 32322

Ion	Ratio	Lower	Upper
276	100		
138	30.3	27.8	41.6
277	24.8	20.2	30.4

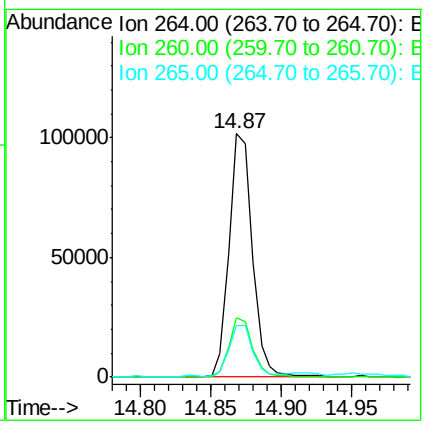


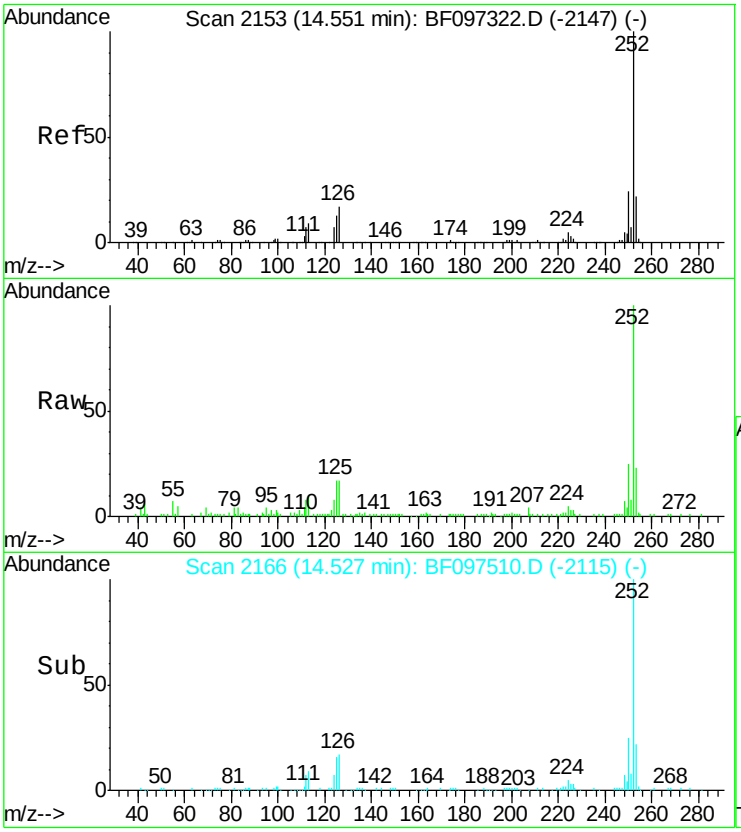


#86
Perylene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2224
Delta R.T. -0.00 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:264 Resp: 117725

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.2	17.2	25.8



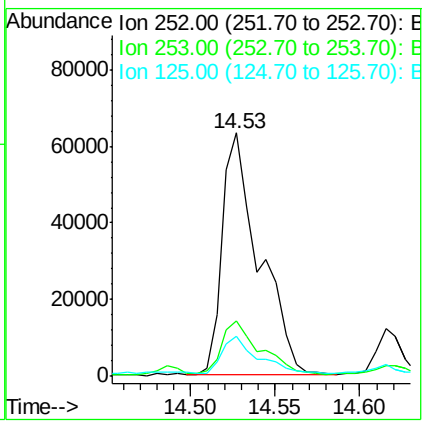


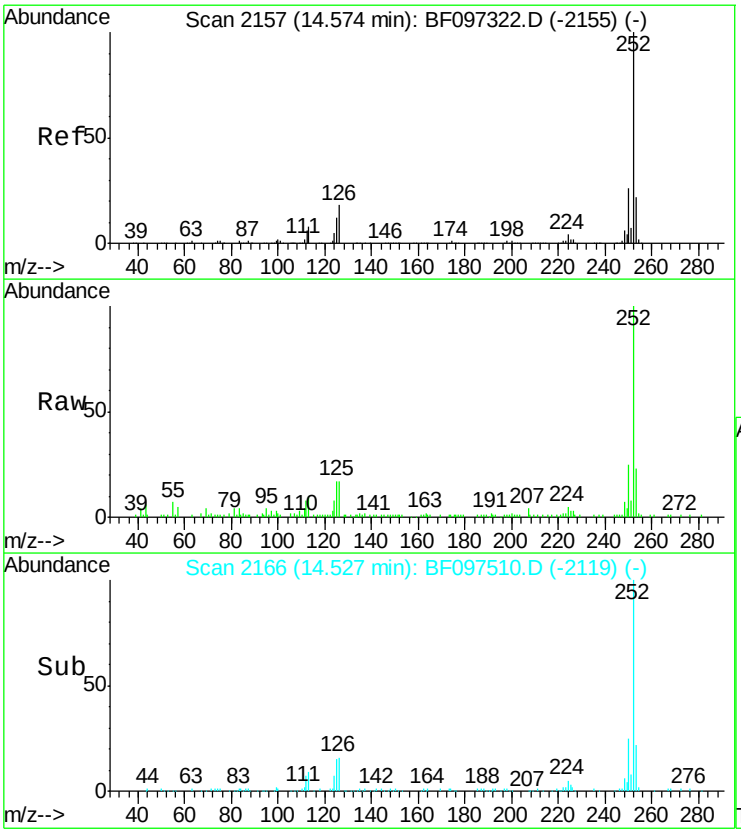
#87
Benzo(b)fluoranthene
Concen: 13.681 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:252 Resp: 96814

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	16.7	9.8	14.8#

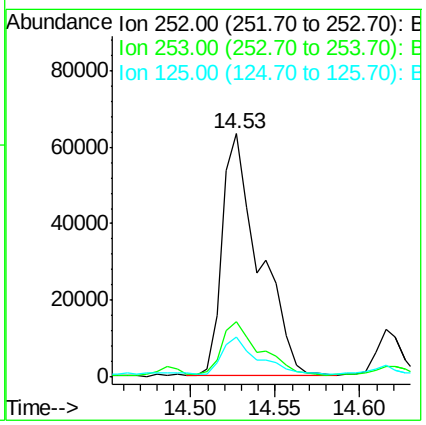


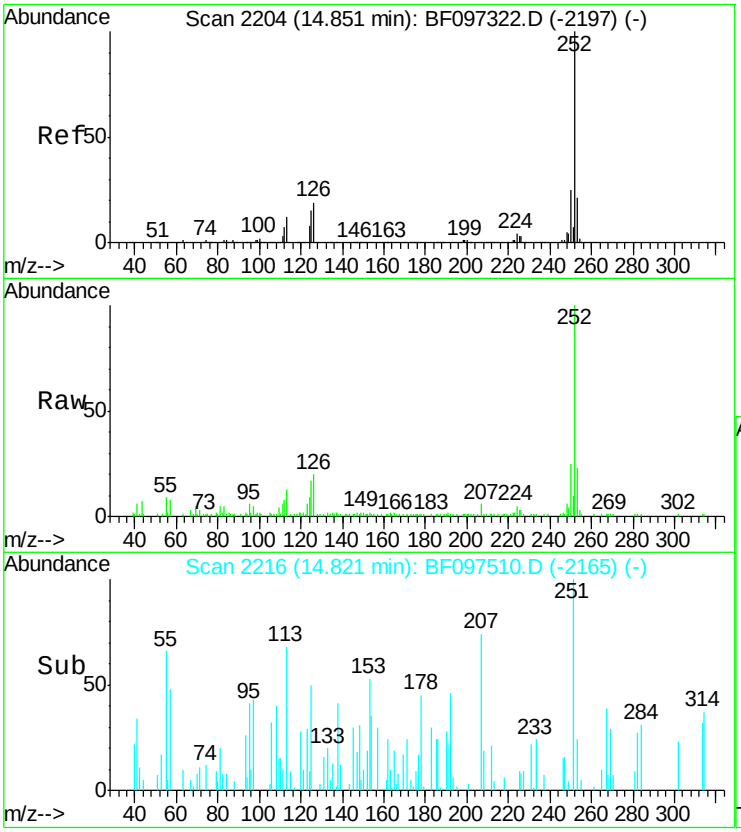


#88
Benzo(k)fluoranthene
Concen: 14.357 ng
RT: 14.53 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:252 Resp: 96814

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	16.7	13.1	19.7



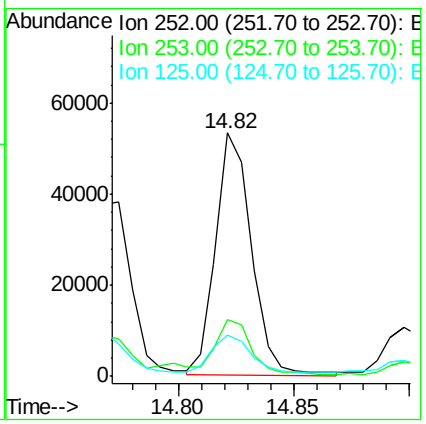


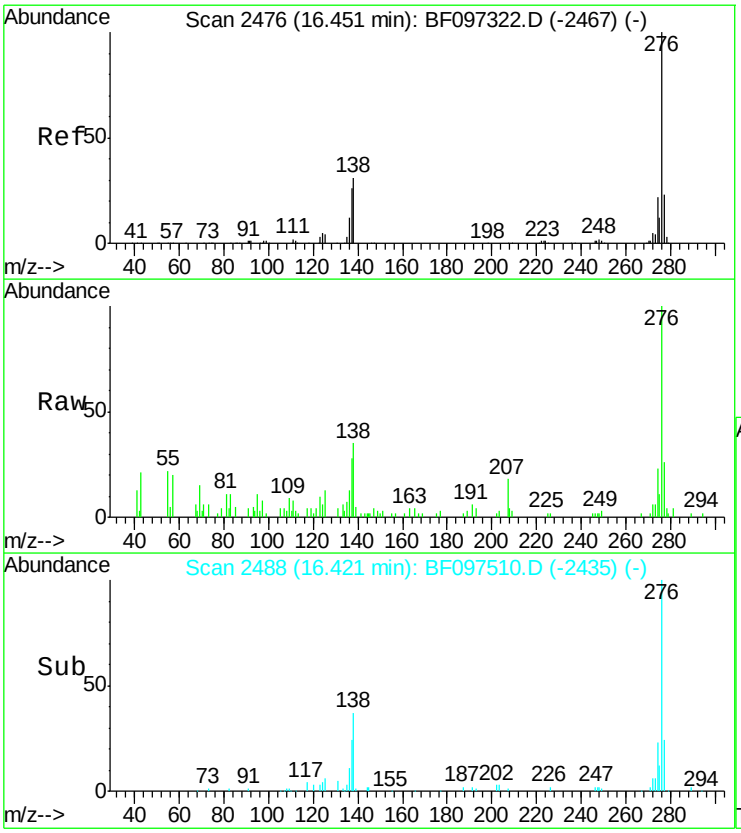
#89
Benzo(a)pyrene
Concen: 8.879 ng
RT: 14.82 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Instrument :
BNA_F
ClientSampleId :
E2-M10-ESWREDL

Tgt Ion:252 Resp: 57508

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	17.1	11.0	16.4#





#91
Benzo(g,h,i)perylene
Concen: 5.862 ng
RT: 16.42 min Scan# 2488
Delta R.T. 0.01 min
Lab File: BF097510.D
Acq: 9 Aug 2017 11:18

Tgt Ion:276 Resp: 32652

Ion	Ratio	Lower	Upper
276	100		
277	26.0	18.6	28.0
138	34.8	25.4	38.0