Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092903.D
Acq On : 11 Feb 2017 00:29
Operator : SJ/MA
Sample : I1777-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 38-SB-02-0-2

Quant Time: Feb 11 02:08:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 23:31:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	174864	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	720390	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	435057	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	647064	20.00	ng		0.00
75) Chrysene-d12	14.05	240	426936	20.00	ng		-0.01
86) Perylene-d12	15.51	264	333167	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1195232	117.27	ng		0.01
7) Phenol-d6	6.53	99	1426627	108.78	ng		0.00
23) Nitrobenzene-d5	7.46	82	999315	77.25	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	290577	92.35	ng		-0.01
44) 2-Fluorobiphenyl	9.26	172	1817799	75.70	ng		0.00
78) Terphenyl-d14	13.00	244	1344045	73.97	ng		-0.01
Target Compounds							Qvalue
10) Phenol	6.54	94	35879	2.34	ng		88
19) n-Nitroso-di-n-propylamine	7.46	70	128785	15.43	ng	#	83
25) Isophorone	7.46	82	992601	41.18	ng	#	65
49) Dimethylphthalate	9.65	163	327366	11.17	ng		99
56) 2,4-Dinitrotoluene	9.94	165	56772	6.74	ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.73	198	545	2.80	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	21704	3.21	ng	#	1
74) Fluoranthene	12.63	202	115258	3.01	ng		94
77) Pyrene	12.85	202	118756	3.72	ng		99
80) Benzo(a)anthracene	14.04	228	68639	2.63	ng		99
82) Chrysene	14.04	228	68639	2.81	ng		97
85) Indeno(1,2,3-cd)pyrene	16.93	276	38824	2.05	ng		96
87) Benzo(b)fluoranthene	15.08	252	96413	4.40	ng	#	96
88) Benzo(k)fluoranthene	15.08	252	96413	5.09	ng	#	95
89) Benzo(a)pyrene	15.44	252	50516	2.66	ng	#	94
91) Benzo(g,h,i)perylene	17.36	276	37505	2.42	ng	#	86

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

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38-SB-02-0-2

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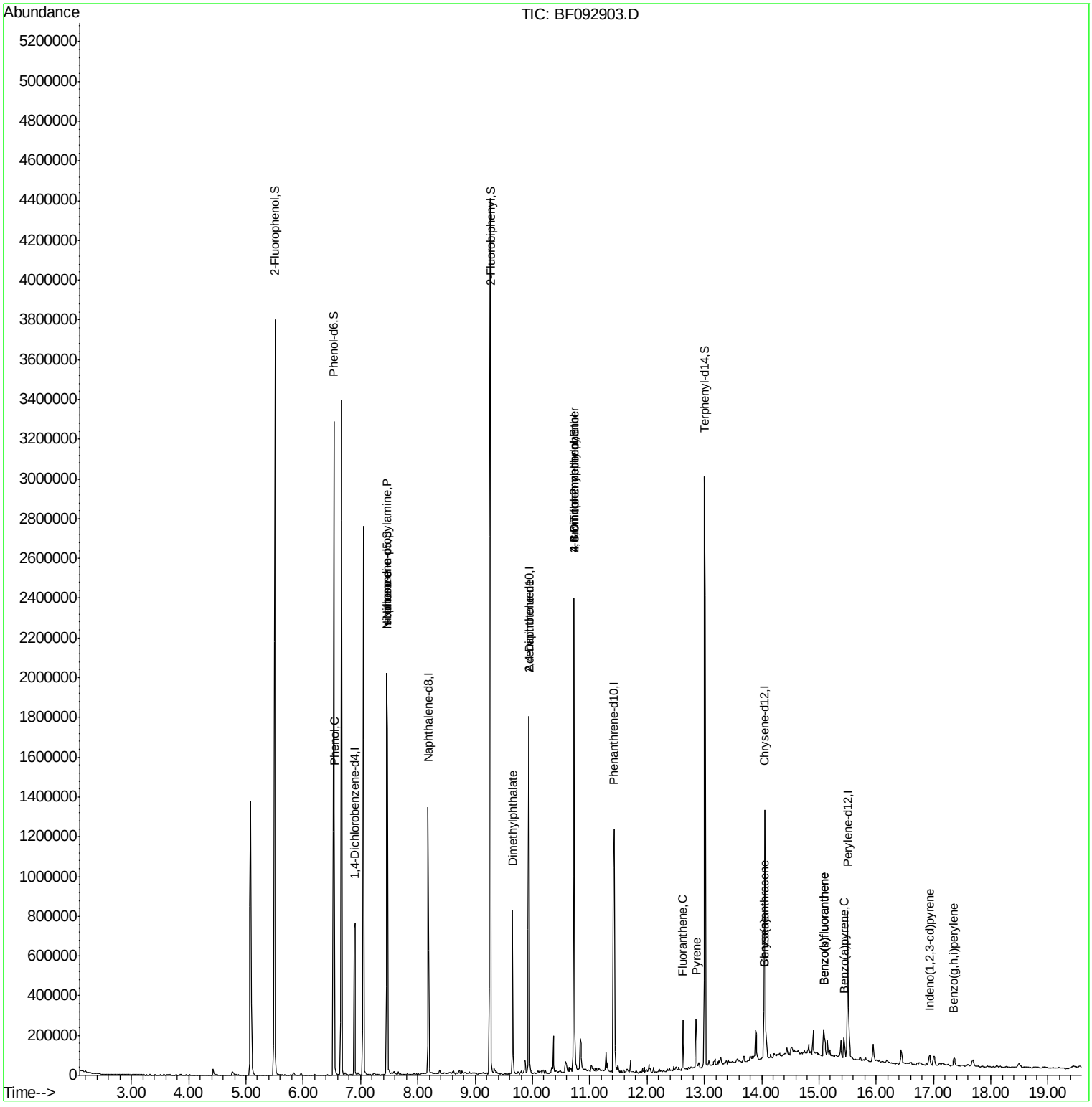
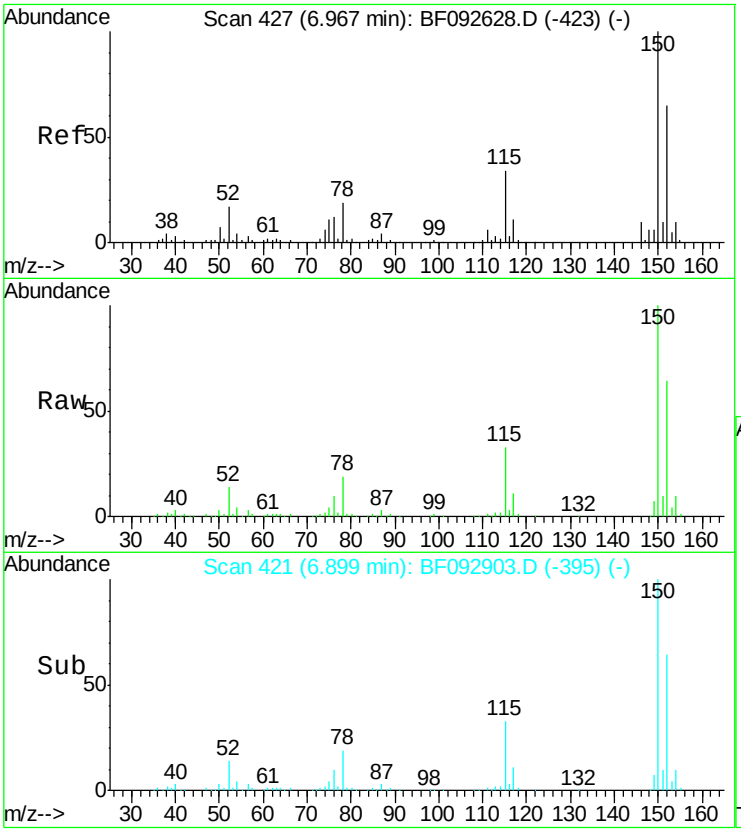


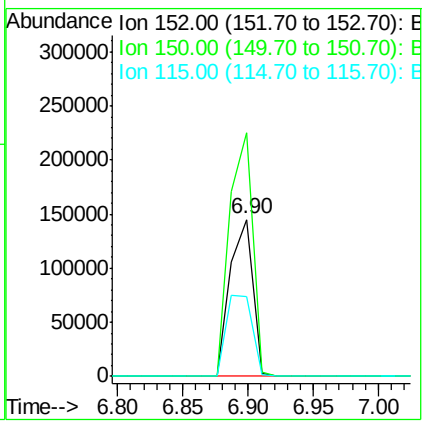


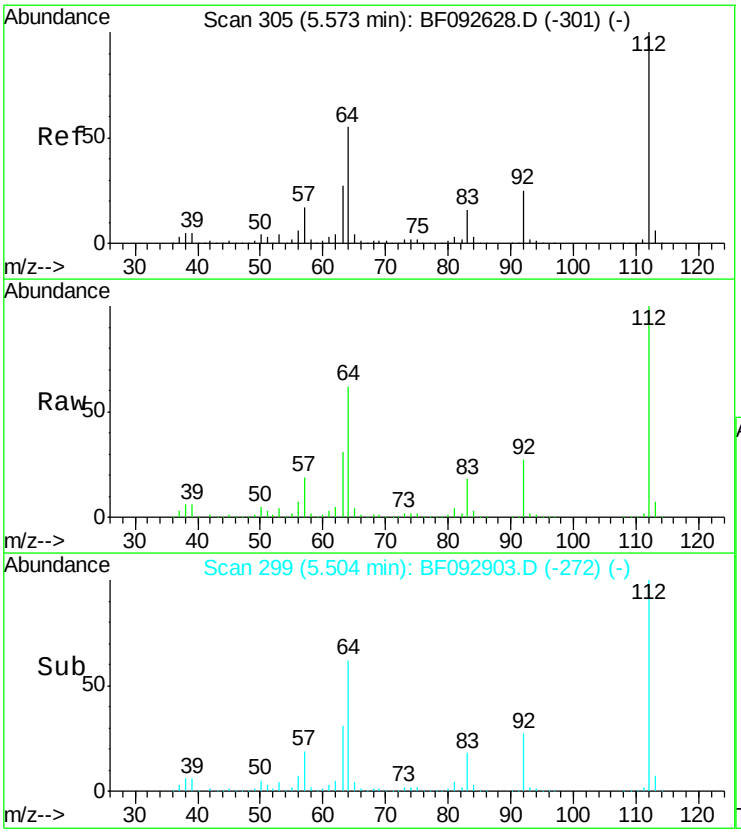
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:152 Resp: 174864

Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.9	187.3
115	51.1	46.0	69.0

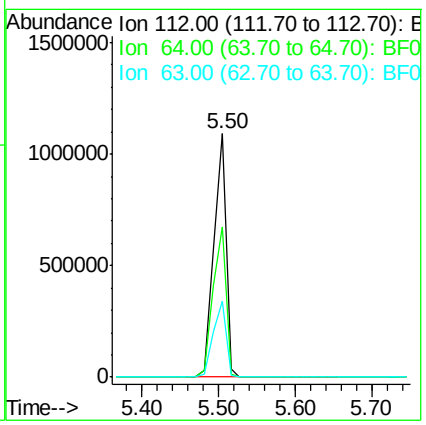


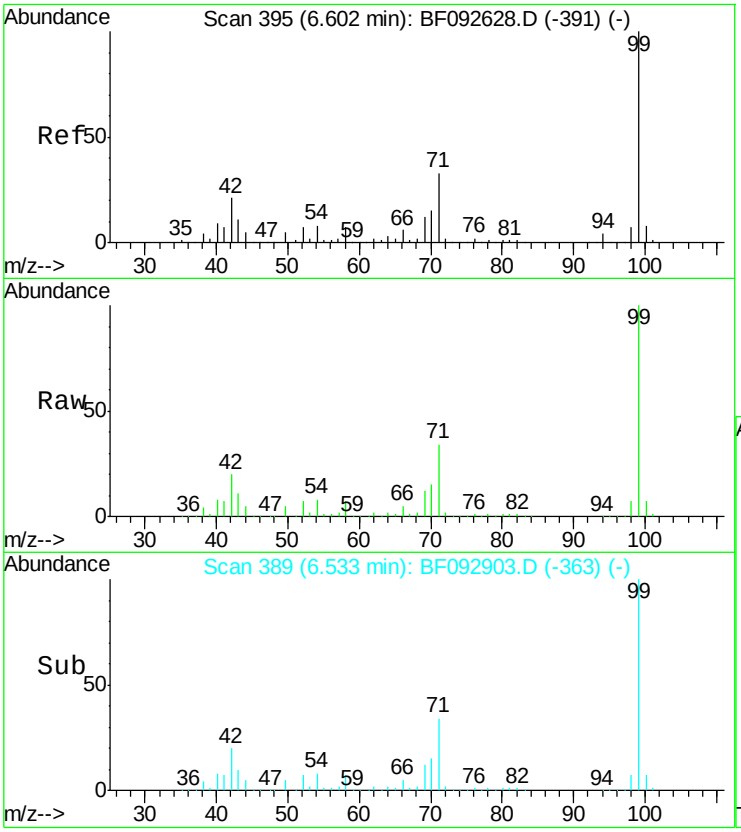


#5
2-Fluorophenol
Concen: 117.27 ng
RT: 5.50 min Scan# 299
Delta R.T. 0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:112 Resp: 1195232

Ion	Ratio	Lower	Upper
112	100		
64	61.7	46.1	69.1
63	31.1	23.8	35.6



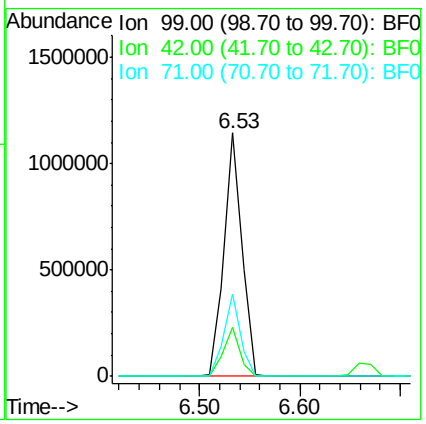


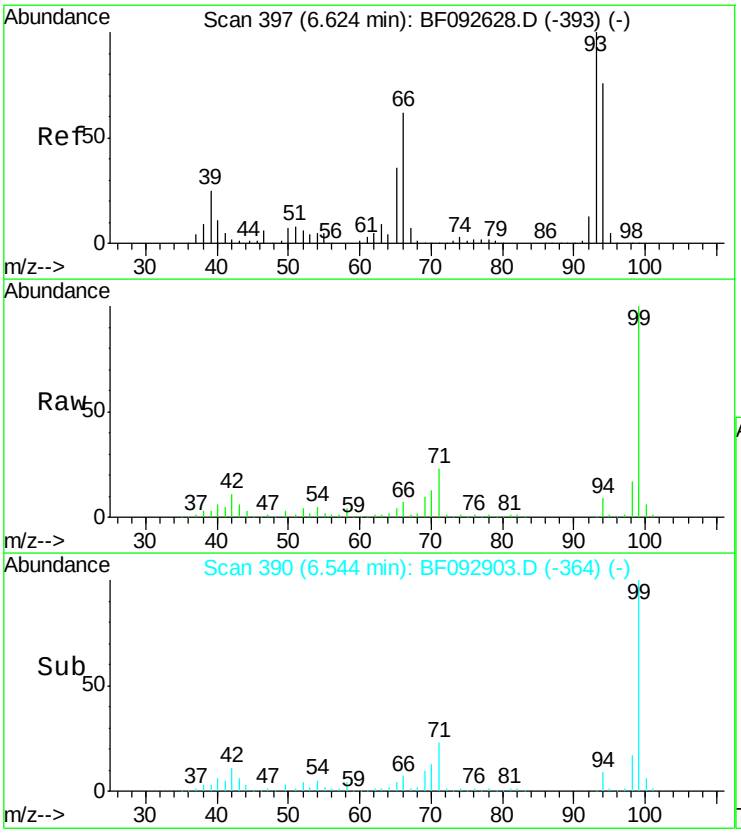
#7
Phenol-d6
Concen: 108.78 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion: 99 Resp: 1426627

Ion	Ratio	Lower	Upper
99	100		
42	20.2	15.6	23.4
71	33.6	27.5	41.3

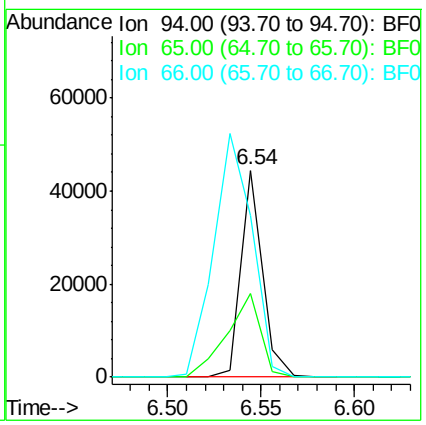


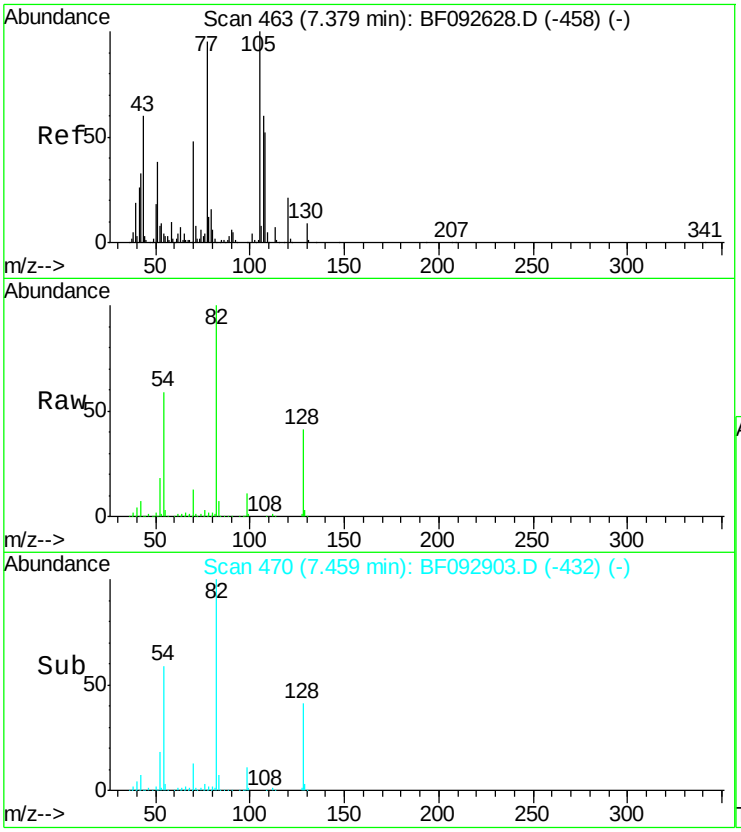


#10
Phenol
Concen: 2.34 ng
RT: 6.54 min Scan# 390
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion: 94 Resp: 35879

Ion	Ratio	Lower	Upper
94	100		
65	40.3	21.4	61.4
66	78.1	44.0	84.0



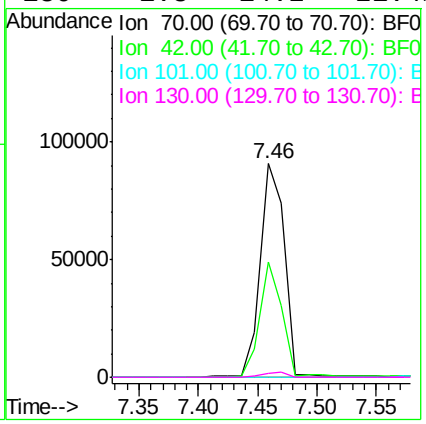


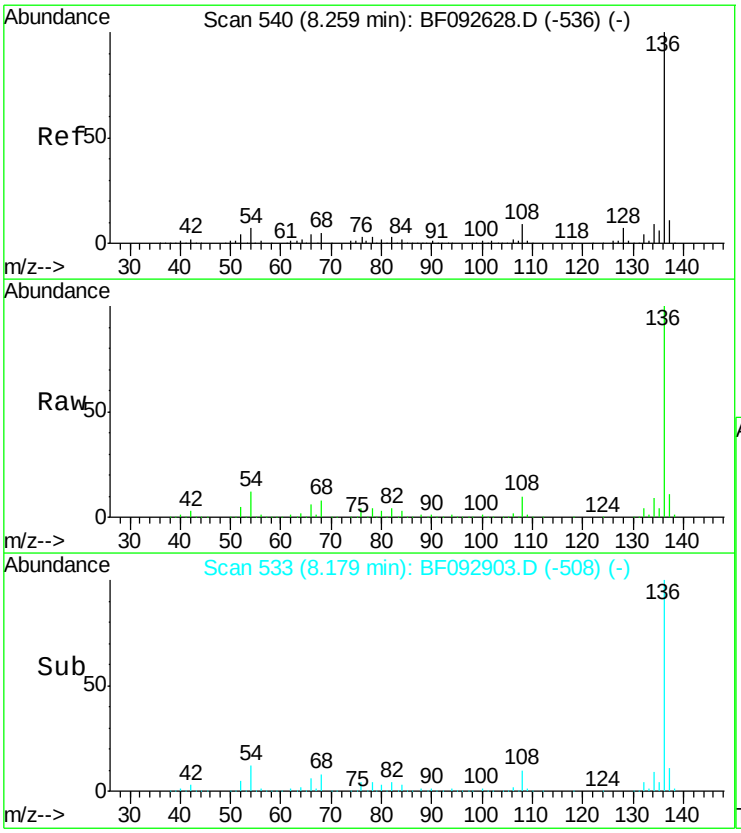
#19
n-Nitroso-di-n-propylamine
Concen: 15.43 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion: 70 Resp: 128785

Ion	Ratio	Lower	Upper
70	100		
42	53.9	49.4	74.0
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#

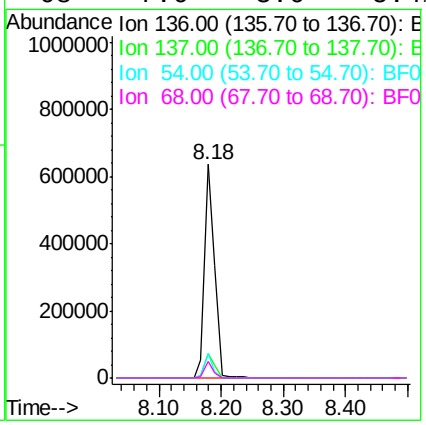


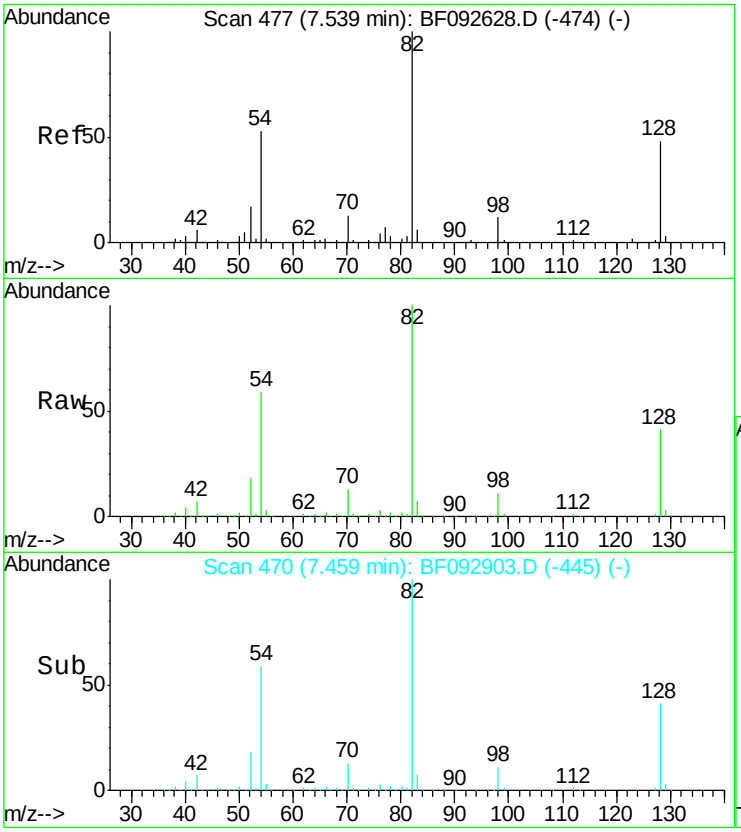


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:136 Resp: 720390

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	11.7	4.5	6.7#
68	7.6	3.6	5.4#



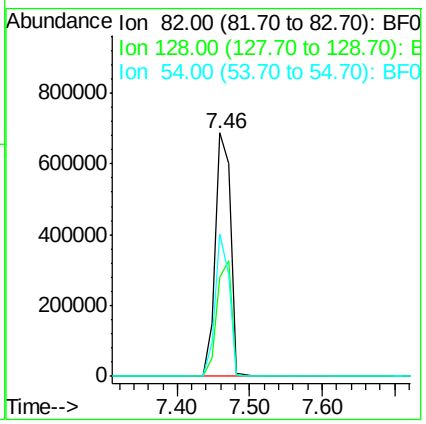


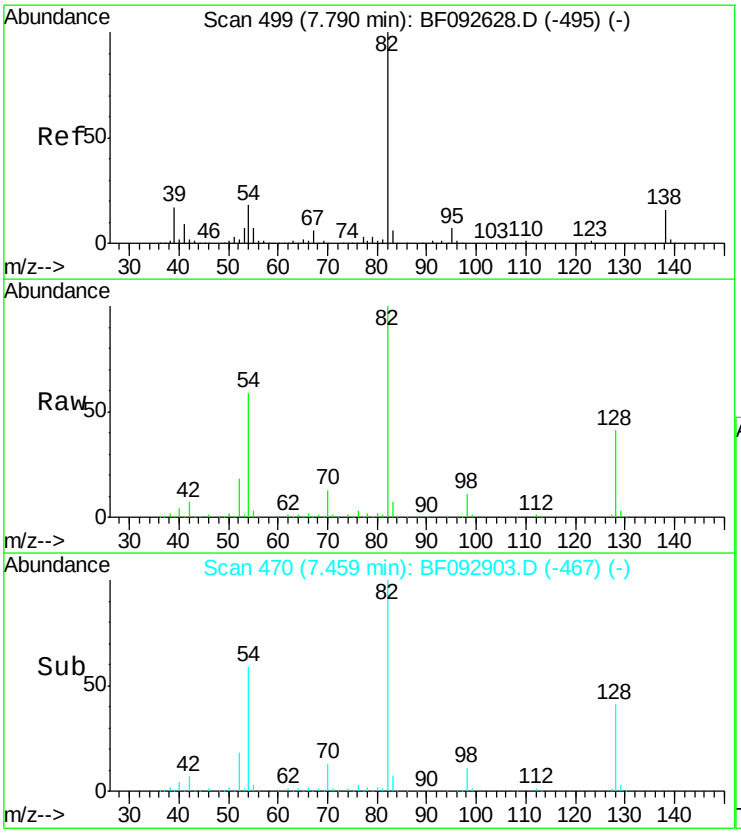
#23
Nitrobenzene-d5
Concen: 77.25 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion: 82 Resp: 999315

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	58.5	39.5	59.3

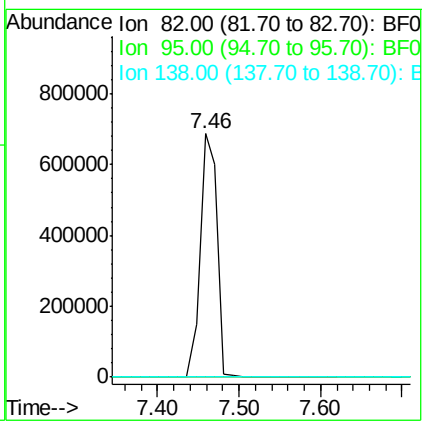


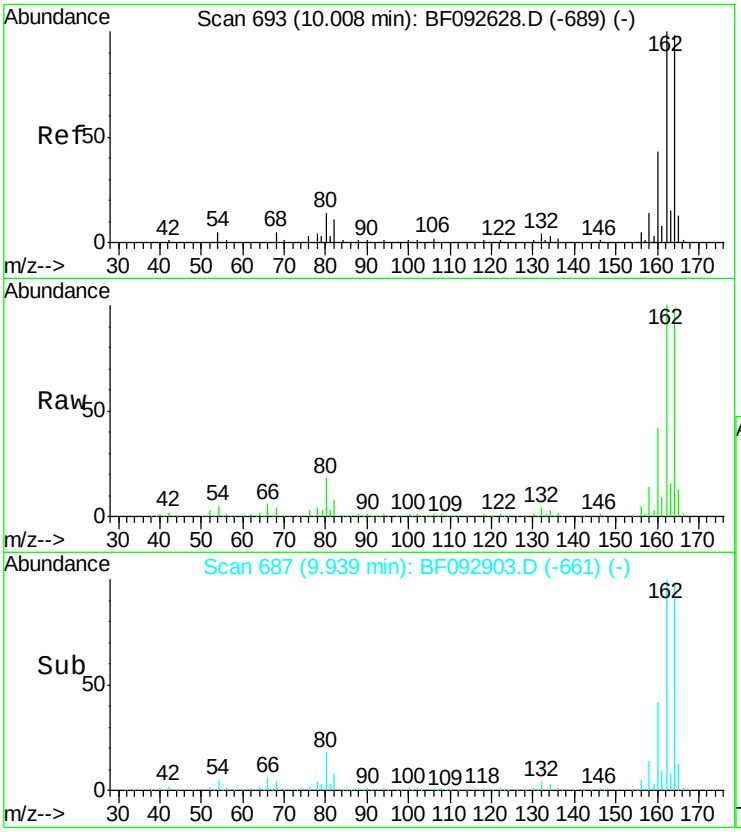


#25
Isophorone
Concen: 41.18 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.26 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion: 82 Resp: 992601

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#



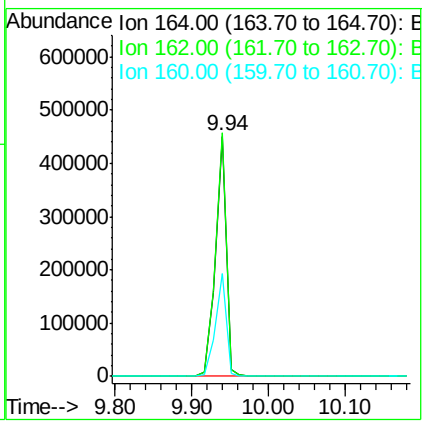


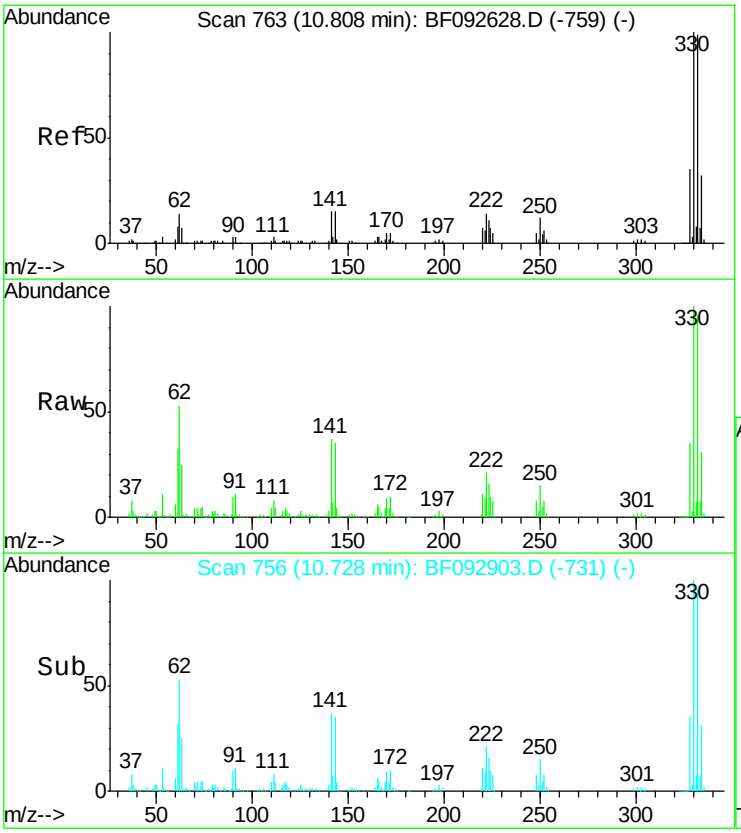
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:164 Resp: 435057

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	43.0	36.9	55.3

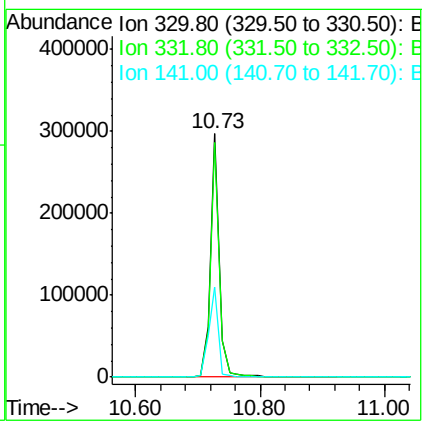


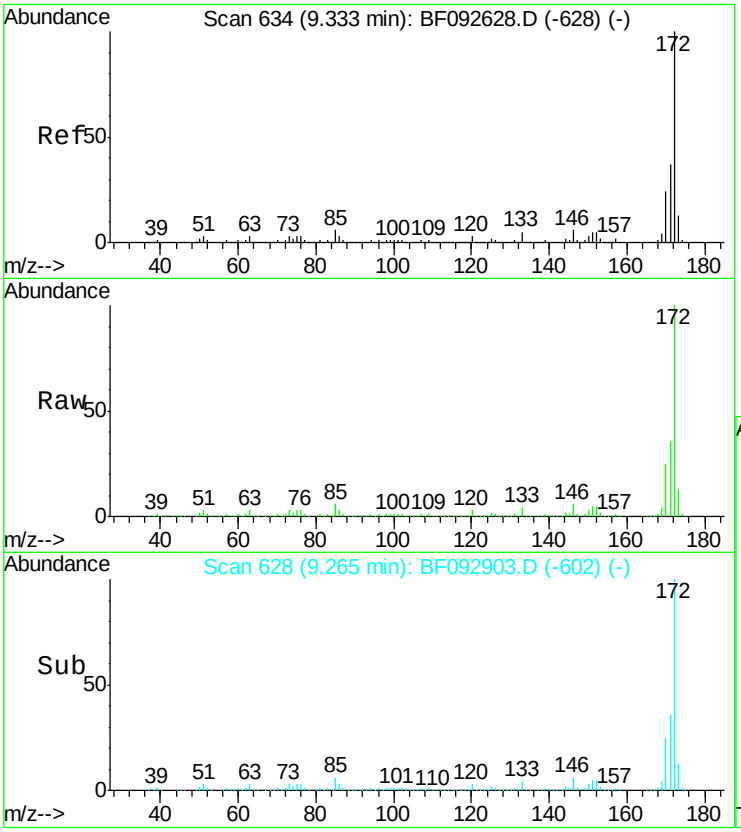


#41
2,4,6-Tribromophenol
Concen: 92.35 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:330 Resp: 290577

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.4	116.2
141	40.9	34.1	51.1



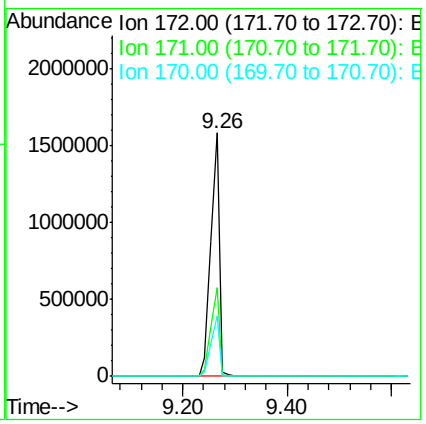


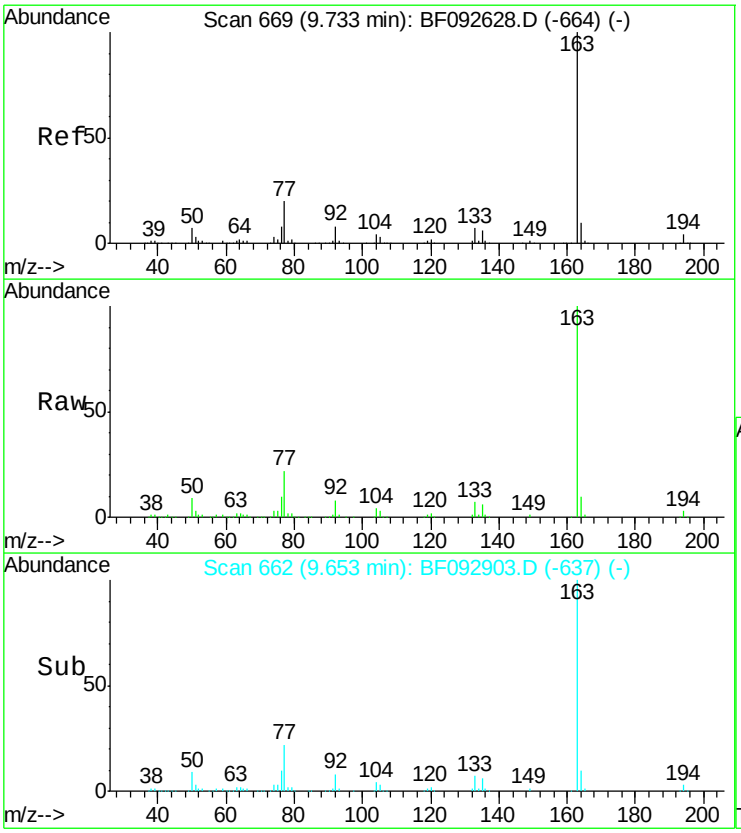
#44
2-Fluorobiphenyl
Concen: 75.70 ng
RT: 9.26 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:172 Resp: 1817799

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.8	20.2	30.4

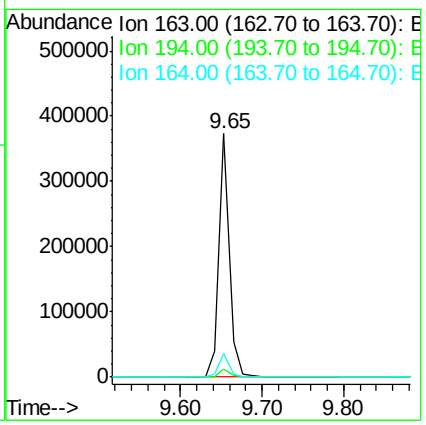


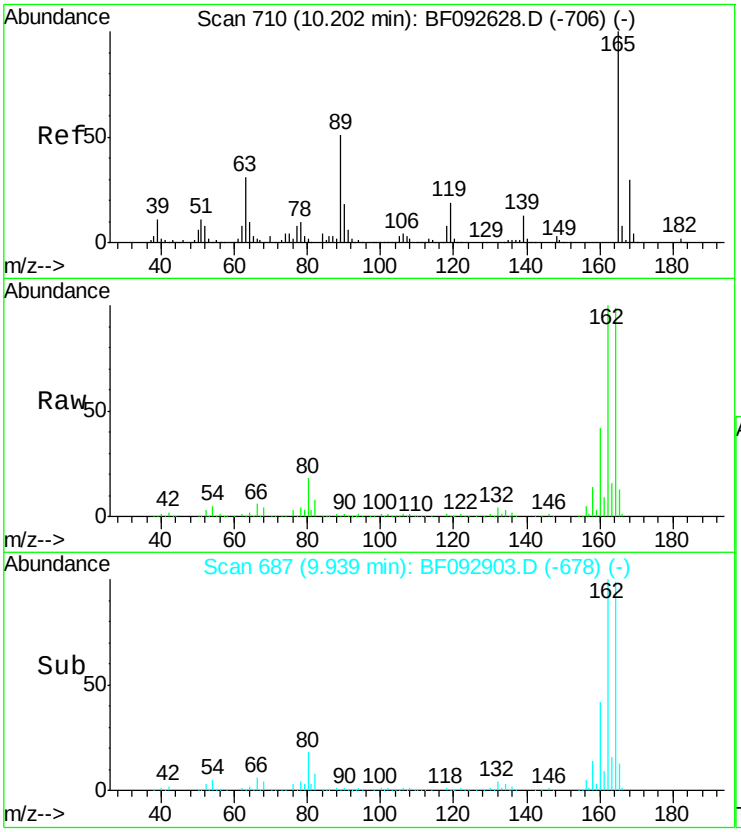


#49
Dimethylphthalate
Concen: 11.17 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:163 Resp: 327366

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	9.8	8.0	12.0



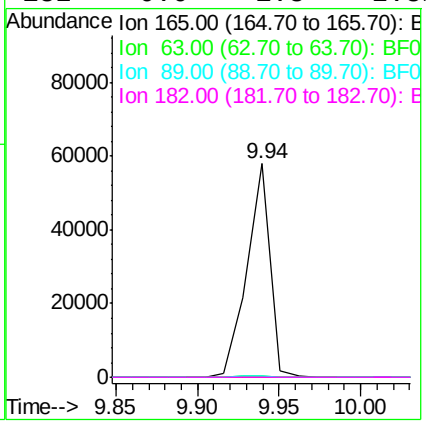


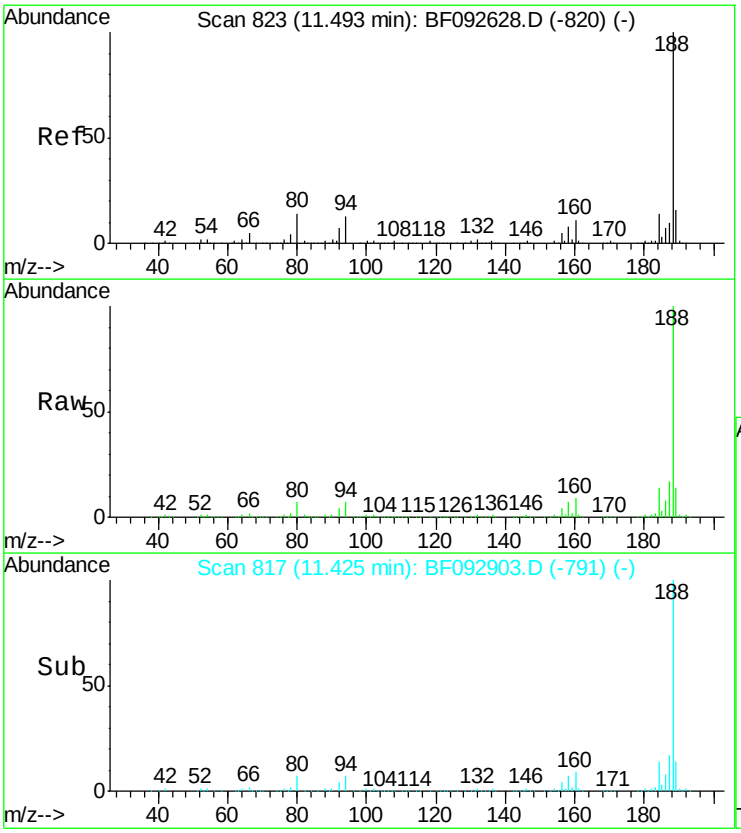
#56
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:165 Resp: 56772

Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.2	60.4#
89	0.6	62.5	93.7#
182	0.0	1.8	2.8#

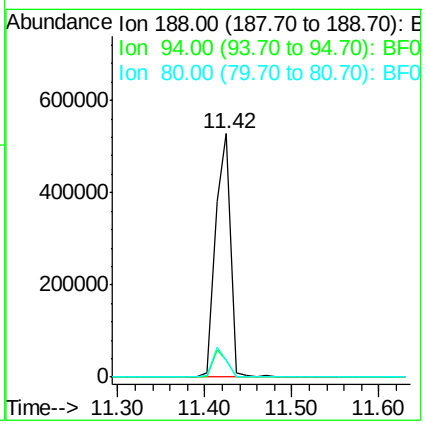


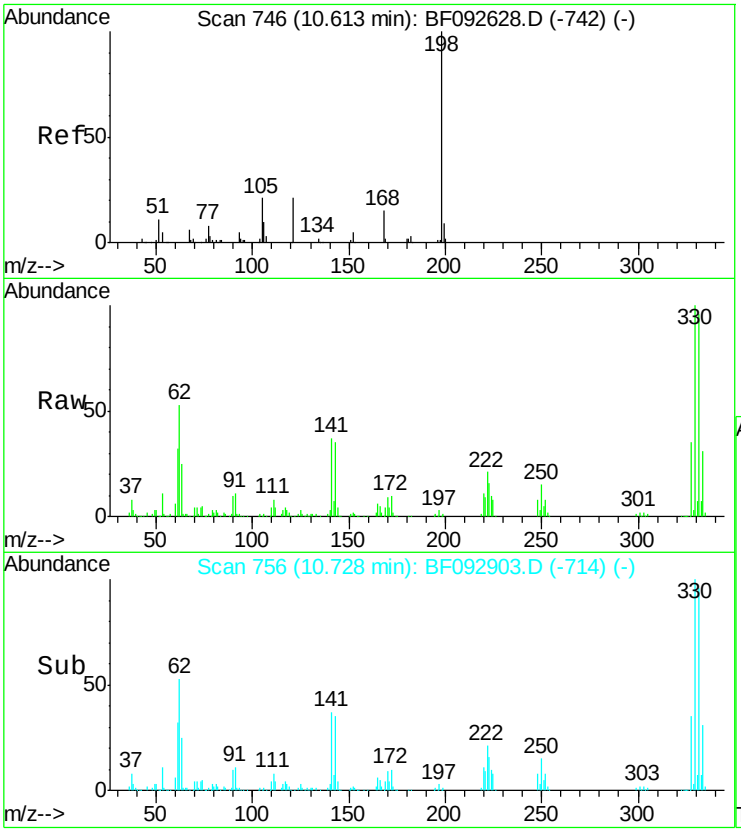


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:188 Resp: 647064

Ion	Ratio	Lower	Upper
188	100		
94	6.9	10.0	15.0#
80	7.1	11.2	16.8#



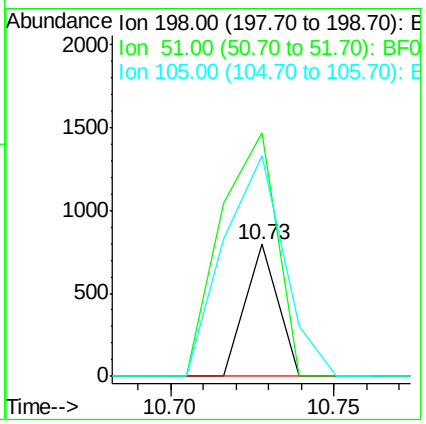


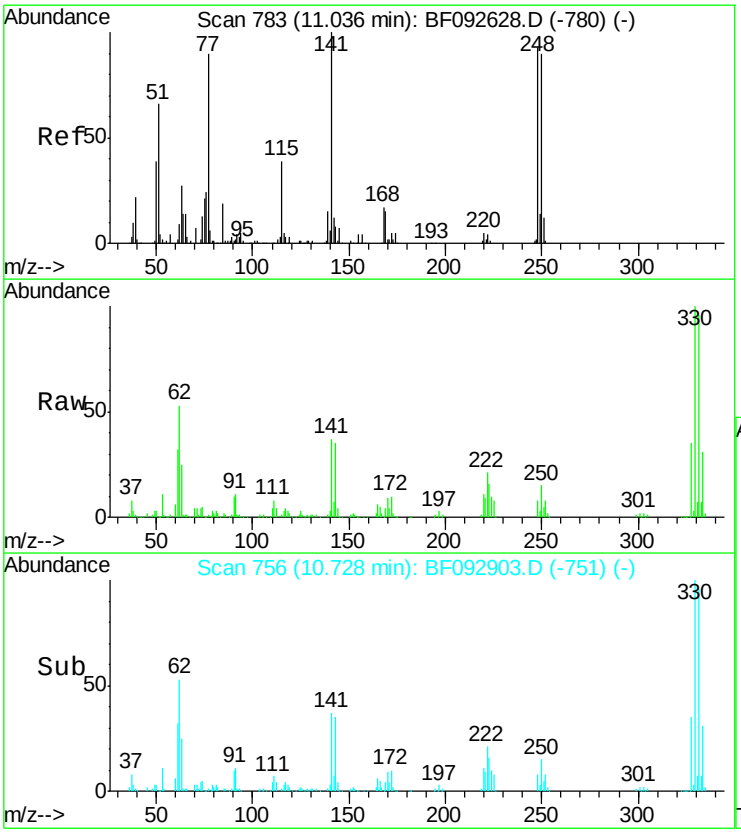
#64
4,6-Dinitro-2-methylphenol
Concen: 2.80 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.18 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:198 Resp: 545

Ion	Ratio	Lower	Upper
198	100		
51	184.5	6.7	46.7#
105	167.4	16.6	56.6#

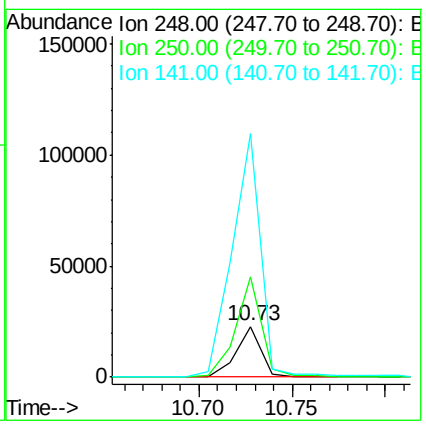


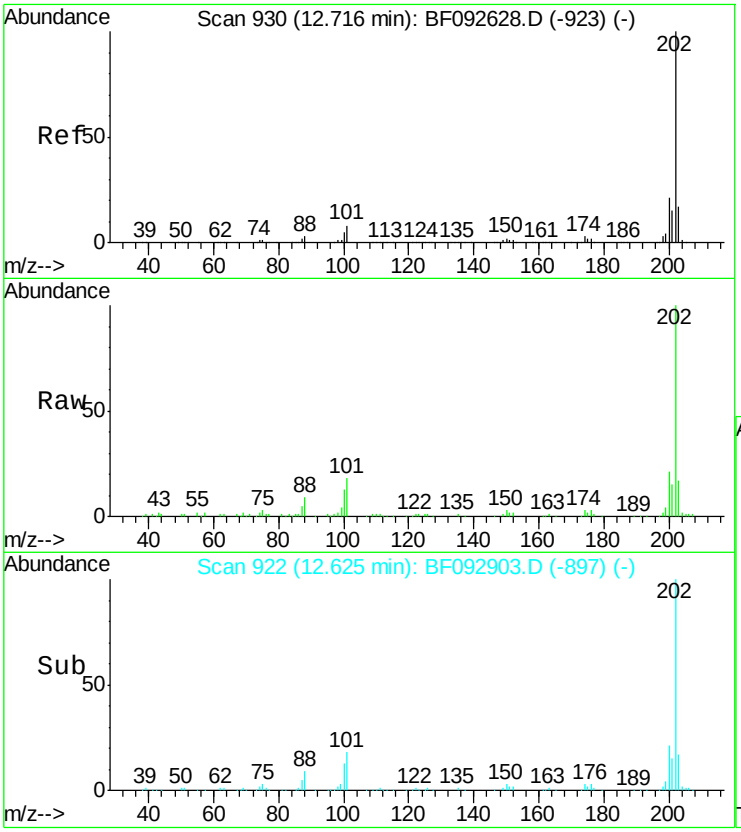


#66
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.24 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:248 Resp: 21704

Ion	Ratio	Lower	Upper
248	100		
250	197.4	76.9	115.3#
141	477.6	68.2	102.4#



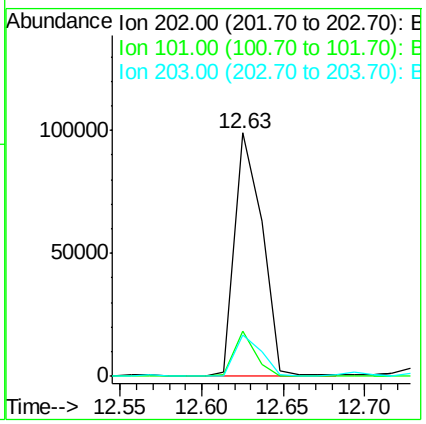


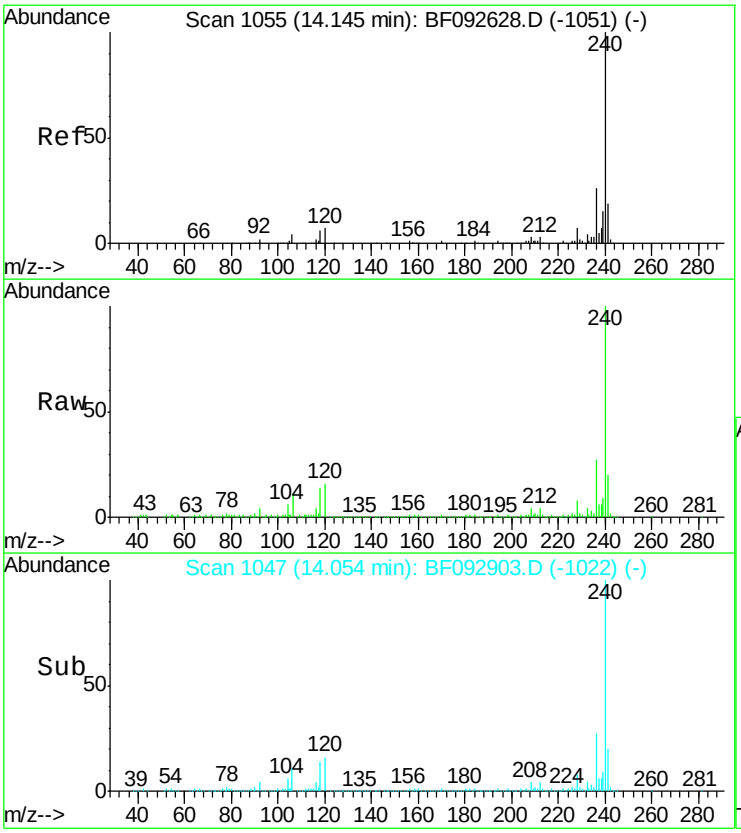
#74
Fluoranthene
Concen: 3.01 ng
RT: 12.63 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:202 Resp: 115258

Ion	Ratio	Lower	Upper
202	100		
101	18.3	0.0	34.6
203	17.2	0.0	38.7

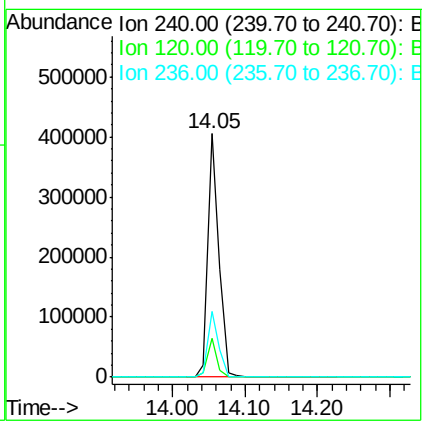


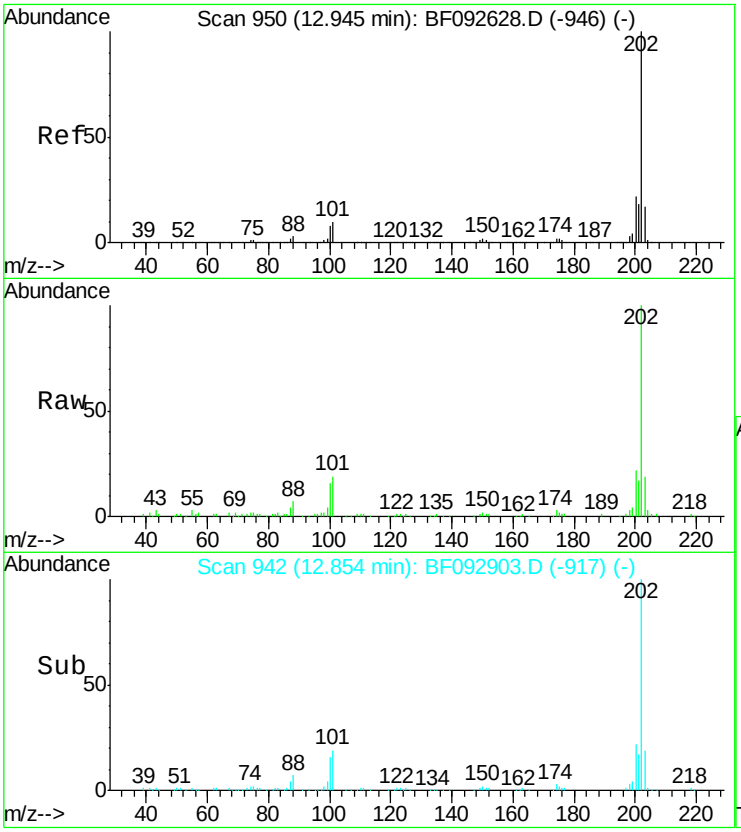


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:240 Resp: 426936

Ion	Ratio	Lower	Upper
240	100		
120	16.0	12.9	19.3
236	26.8	20.9	31.3



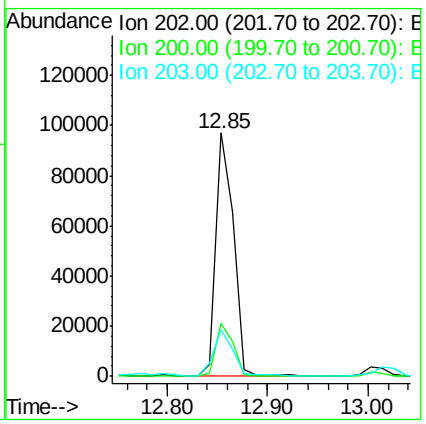


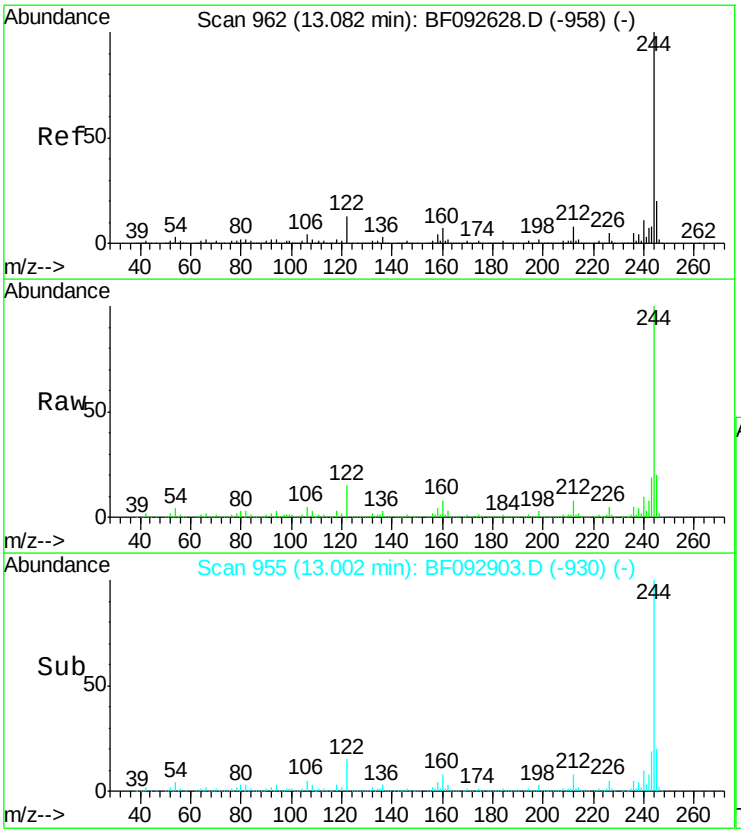
#77
Pyrene
Concen: 3.72 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:202 Resp: 118756

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.7	26.5
203	19.3	14.7	22.1

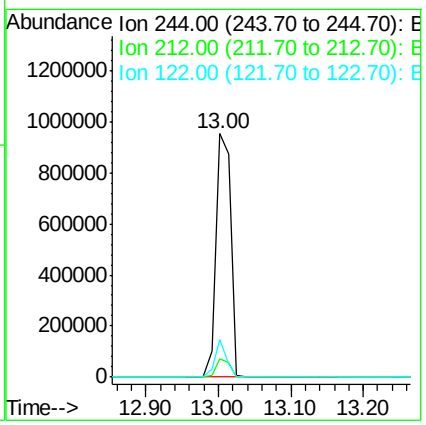


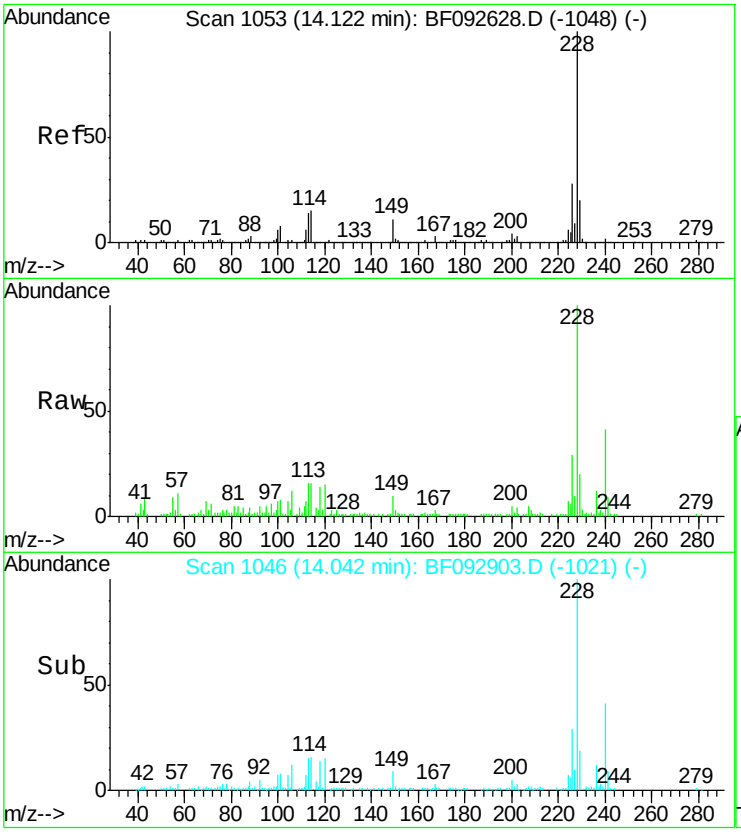


#78
Terphenyl-d14
Concen: 73.97 ng
RT: 13.00 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:244 Resp: 1344045

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	15.4	11.4	17.2



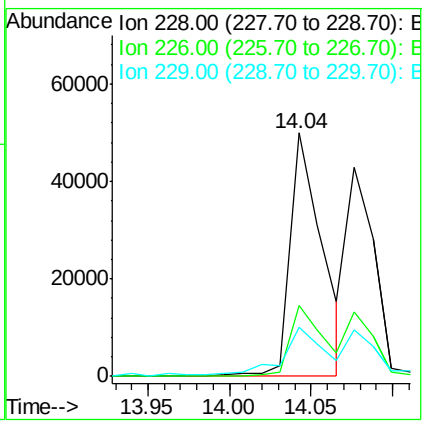


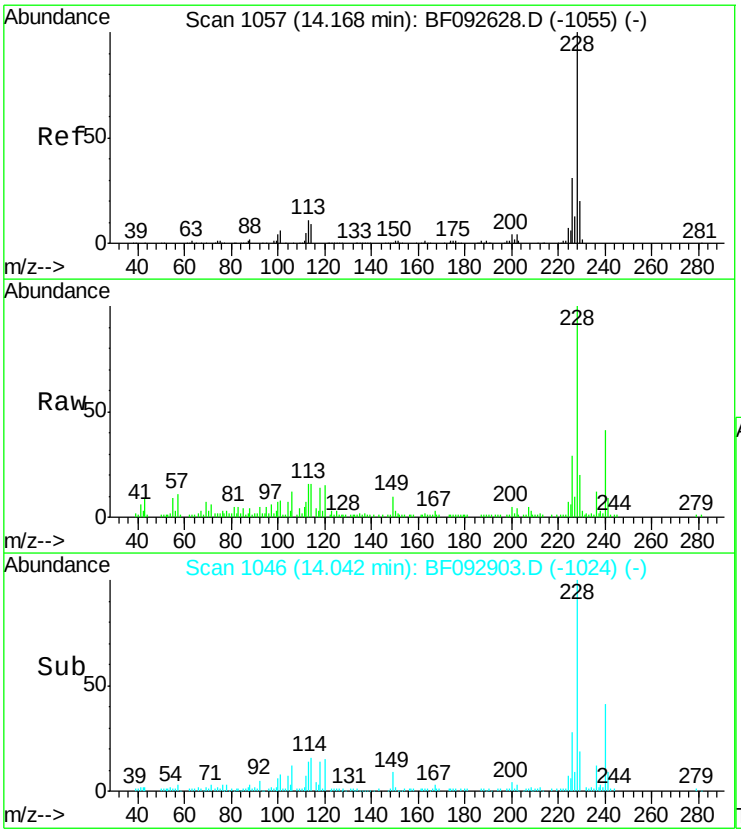
#80
Benzo(a)anthracene
Concen: 2.63 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:228 Resp: 68639

Ion	Ratio	Lower	Upper
228	100		
226	28.9	22.4	33.6
229	20.2	16.2	24.4

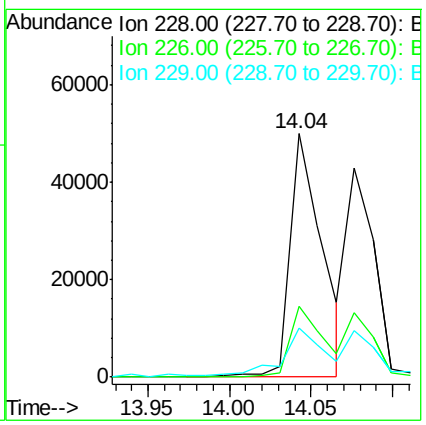


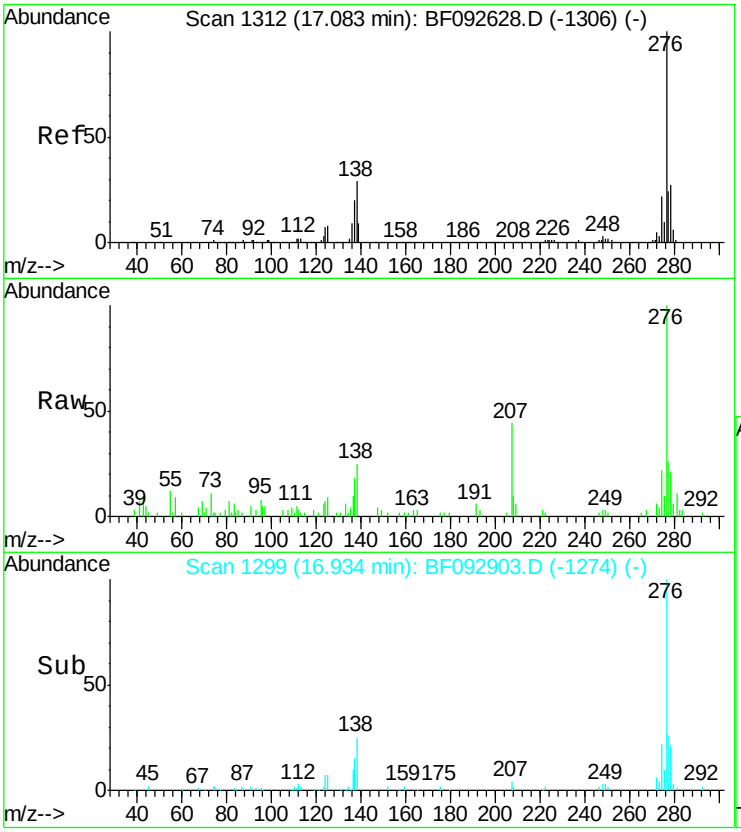


#82
Chrysene
Concen: 2.81 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.05 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:228 Resp: 68639

Ion	Ratio	Lower	Upper
228	100		
226	28.9	25.4	38.0
229	20.2	16.2	24.2



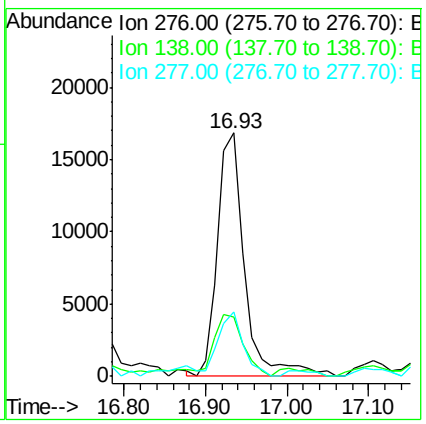


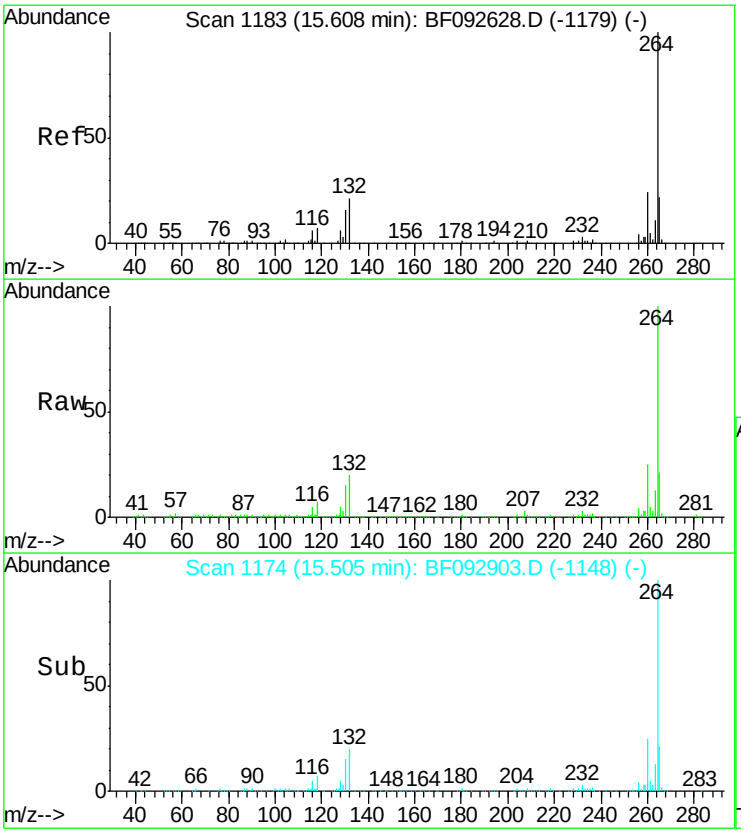
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.05 ng
RT: 16.93 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:276 Resp: 38824

Ion	Ratio	Lower	Upper
276	100		
138	27.2	21.8	32.6
277	29.4	20.2	30.4

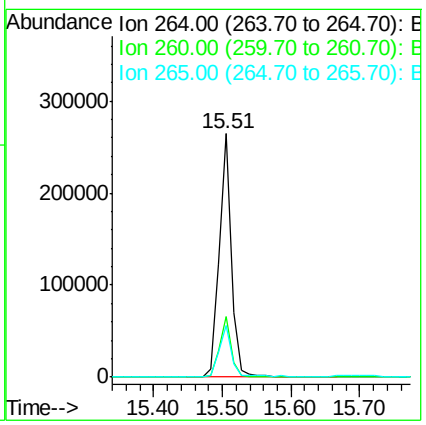


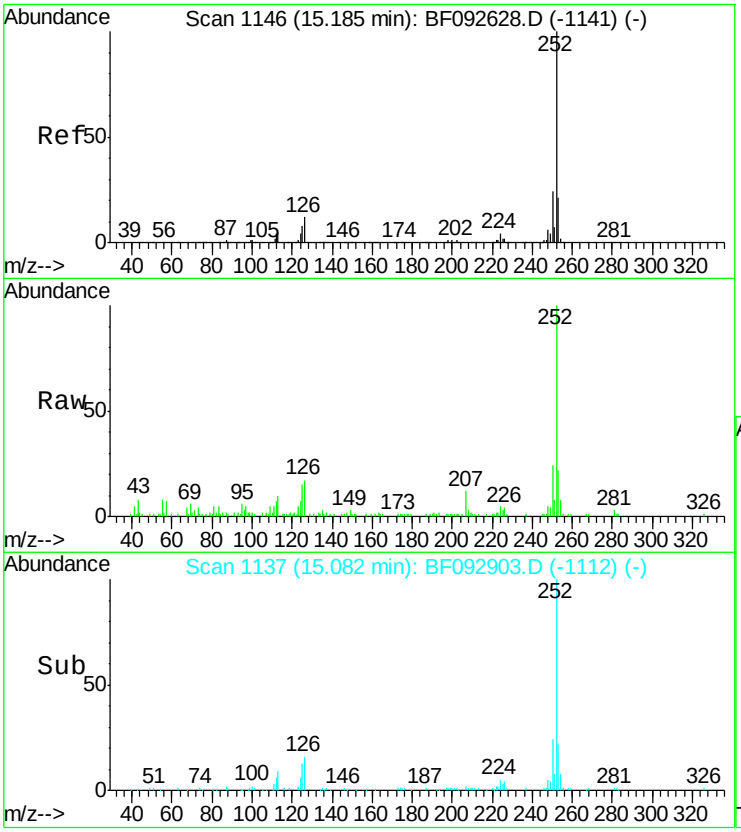


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:264 Resp: 333167

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.0	17.4	26.0



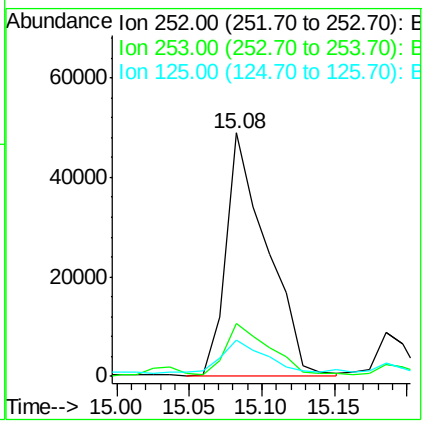


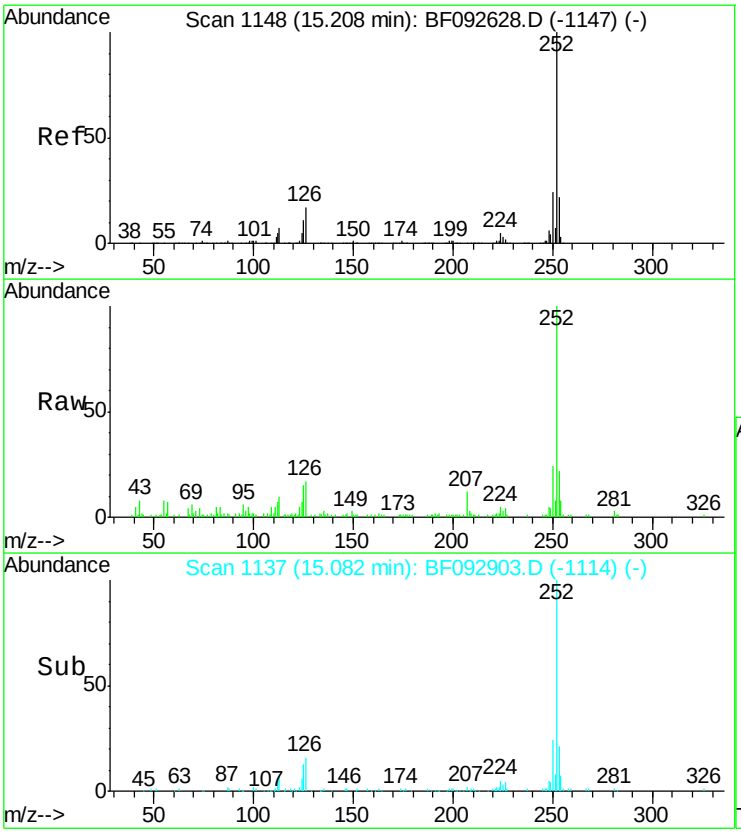
#87
Benzo(b)fluoranthene
Concen: 4.40 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:252 Resp: 96413

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	15.1	9.8	14.6#

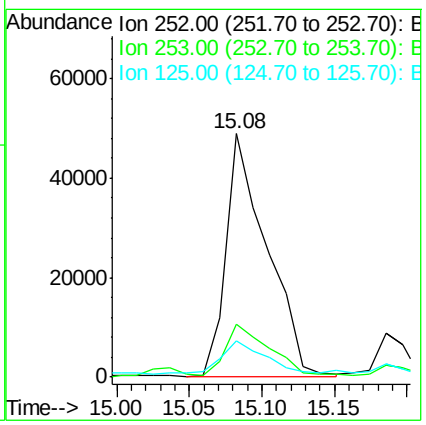


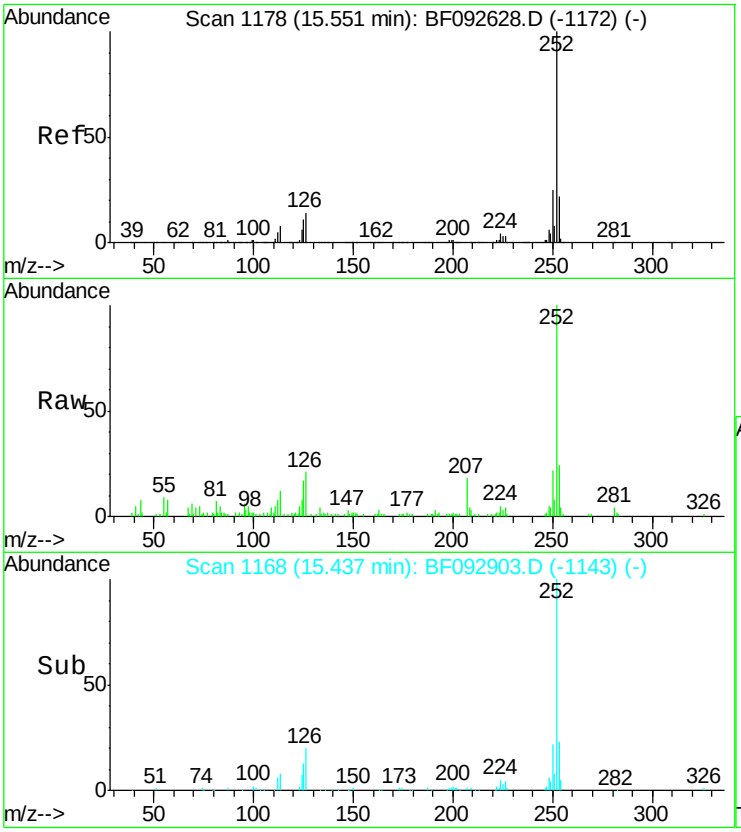


#88
Benzo(k)fluoranthene
Concen: 5.09 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.03 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:252 Resp: 96413

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.5	27.7
125	15.1	8.9	13.3#



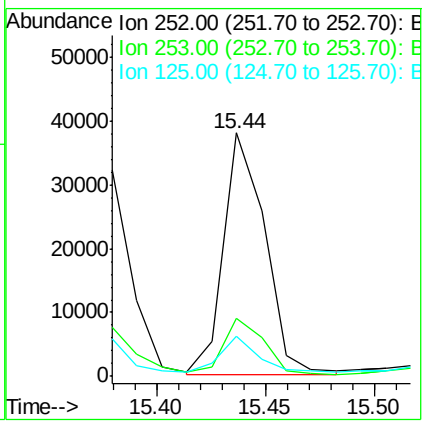


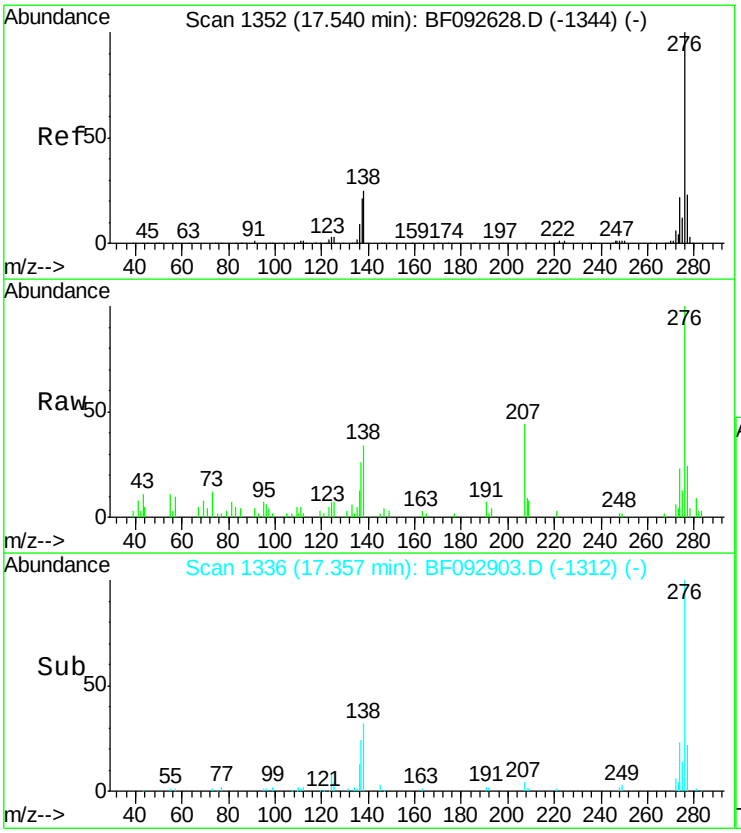
#89
Benzo(a)pyrene
Concen: 2.66 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Instrument :
BNA_F
ClientSampleId :
38-SB-02-0-2

Tgt Ion:252 Resp: 50516

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	16.6	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 2.42 ng
RT: 17.36 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF092903.D
Acq: 11 Feb 2017 00:29

Tgt Ion:276 Resp: 37505

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	33.8	16.0	24.0#