Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102516\
Data File : BF090826.D
Acq On : 25 Oct 2016 23:50
Operator : UM/SJ
Sample : H5394-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOM-CENTER

Quant Time: Oct 26 00:58:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 25 18:56:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	170645	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	700761	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	360135	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	594330	20.00	ng		0.00
75) Chrysene-d12	13.96	240	373331	20.00	ng		0.00
86) Perylene-d12	15.38	264	327607	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1355080	128.07	ng		0.01
7) Phenol-d6	6.44	99	1533871	107.02	ng		0.00
23) Nitrobenzene-d5	7.37	82	979496	76.66	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	467605	164.05	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1757508	75.76	ng		-0.01
78) Terphenyl-d14	12.91	244	1543679	94.77	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	128301	12.02	ng	#	49
49) Dimethylphthalate	9.56	163	588916	26.02	ng	#	98
55) 4-Nitrophenol	10.04	139	1869	6.44	ng	#	42
56) 2,4-Dinitrotoluene	9.84	165	47050	7.91	ng	#	33
64) 4,6-Dinitro-2-methylphenol	10.62	198	660	4.34	ng	#	1
66) 4-Bromophenyl-phenylether	10.62	248	26683	4.63	ng	#	1
70) Phenanthrene	11.34	178	166876	5.51	ng		97
74) Fluoranthene	12.53	202	377634	12.89	ng		94
77) Pyrene	12.76	202	303360	11.63	ng		97
80) Benzo(a)anthracene	13.95	228	143387	7.02	ng		94
82) Chrysene	13.95	228	143387	7.19	ng		96
85) Indeno(1,2,3-cd)pyrene	16.75	276	74853	4.30	ng	#	87
87) Benzo(b)fluoranthene	14.98	252	214625	10.65	ng	#	90
88) Benzo(k)fluoranthene	14.98	252	214625	10.60	ng	#	90
89) Benzo(a)pyrene	15.32	252	108937	5.76	ng	#	86
91) Benzo(g,h,i)perylene	17.15	276	65252	3.71	ng	#	79

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

Quantitation Report (Not Reviewed)

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Misc :
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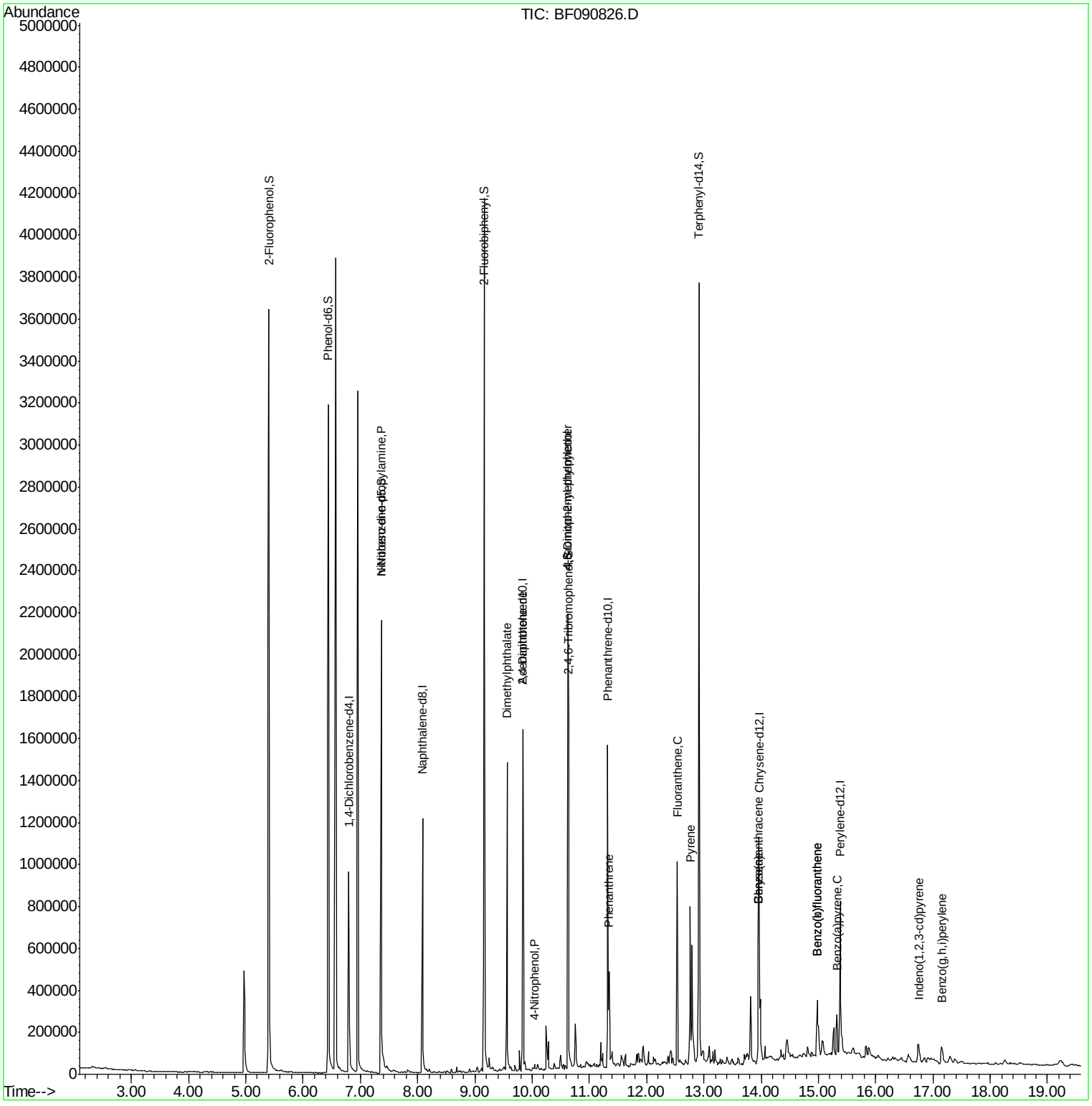
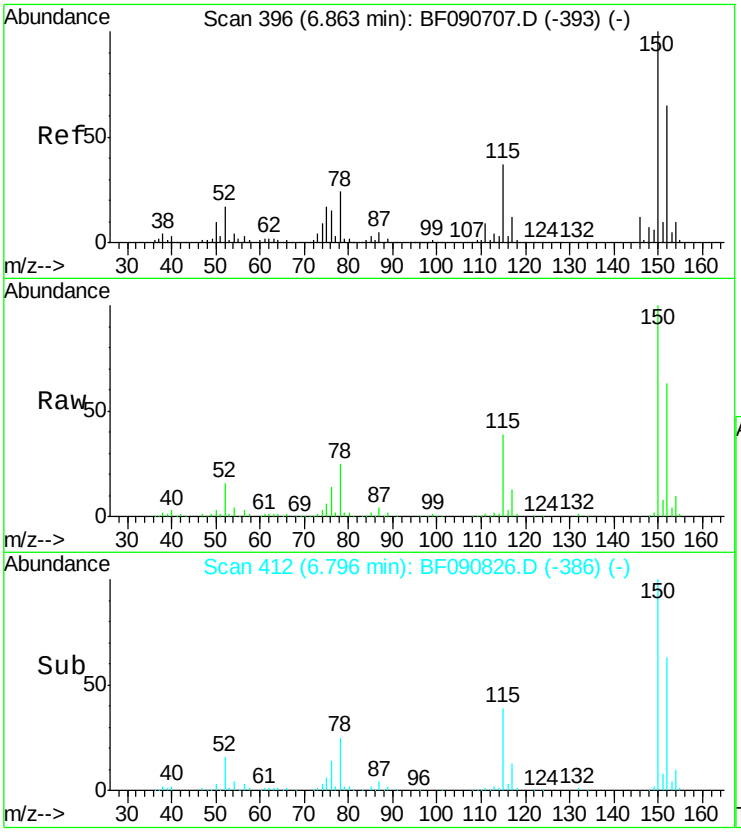


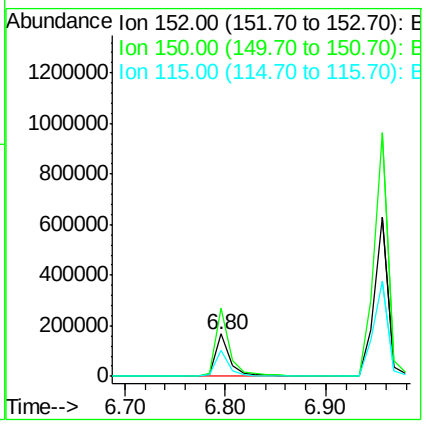


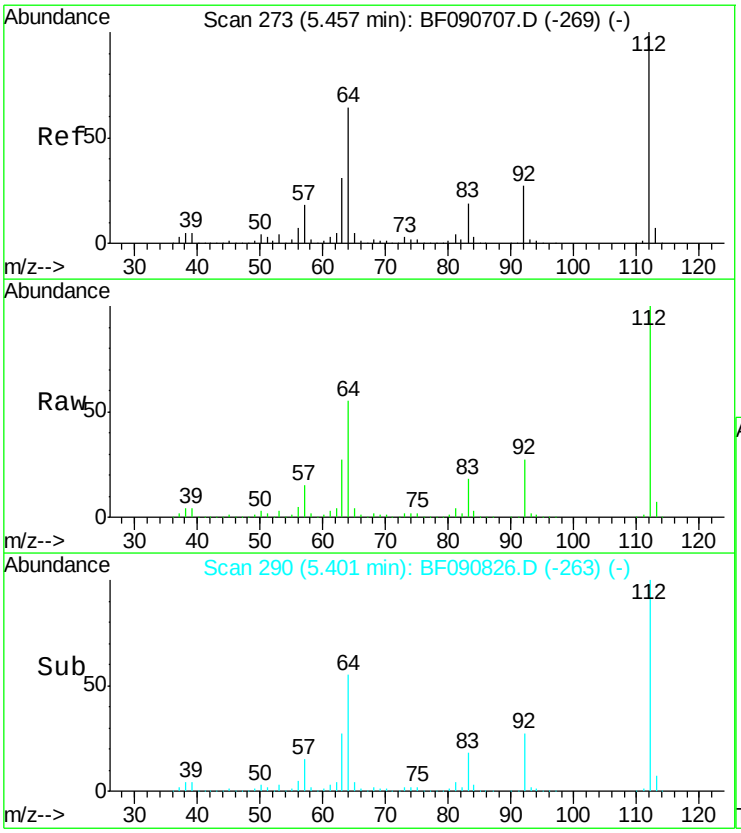
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:152 Resp: 170645

Ion	Ratio	Lower	Upper
152	100		
150	159.7	124.7	187.1
115	62.1	39.0	58.4#

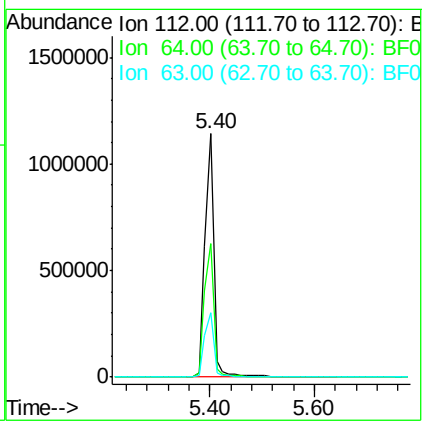


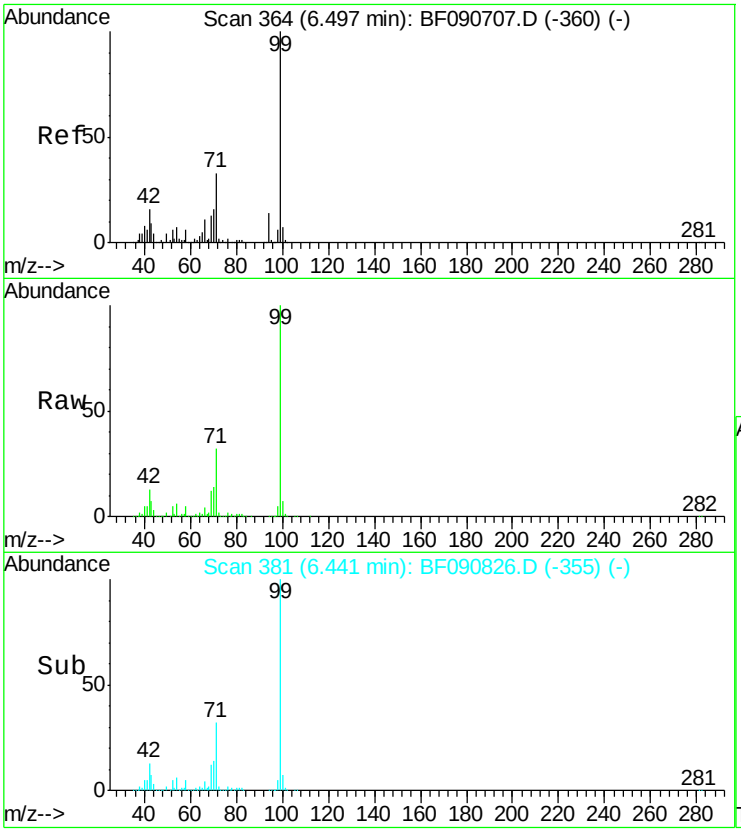


#5
2-Fluorophenol
Concen: 128.07 ng
RT: 5.40 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:112 Resp: 1355080

Ion	Ratio	Lower	Upper
112	100		
64	54.8	39.7	59.5
63	26.6	17.4	26.0#



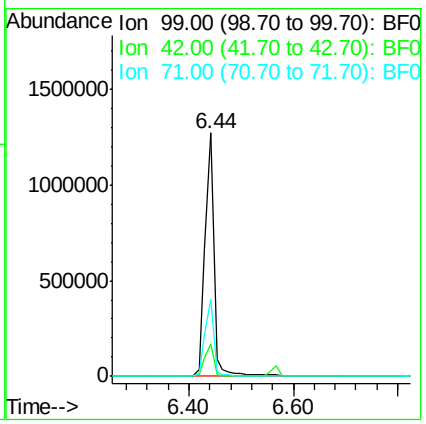


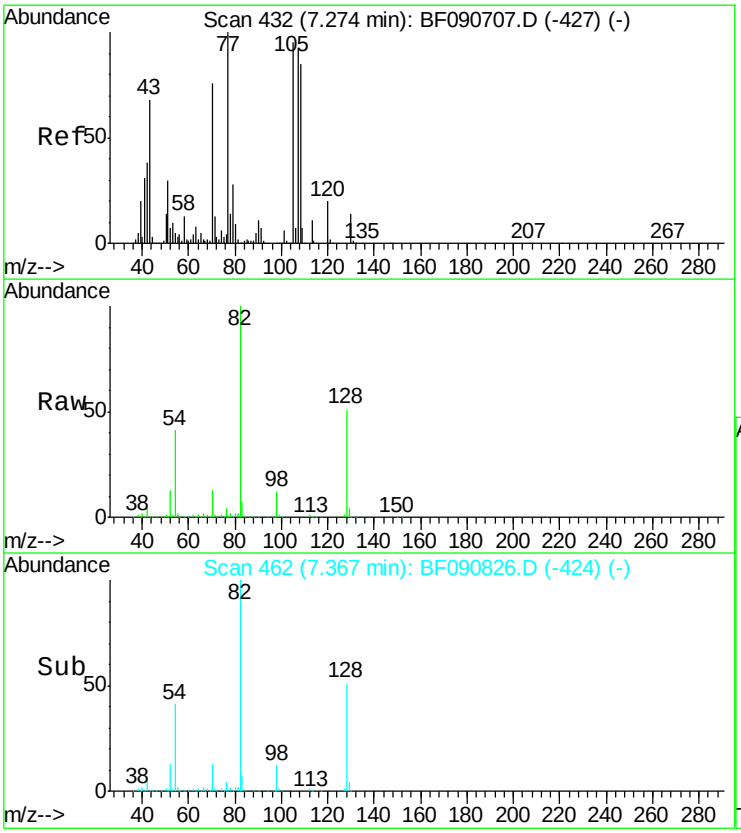
#7
Phenol-d6
Concen: 107.02 ng
RT: 6.44 min Scan# 381
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion: 99 Resp: 1533871

Ion	Ratio	Lower	Upper
99	100		
42	13.3	13.7	20.5#
71	31.5	14.2	21.2#

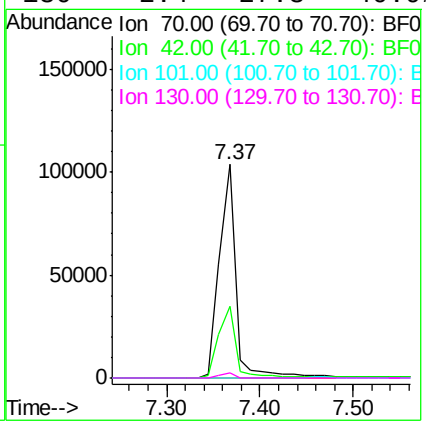


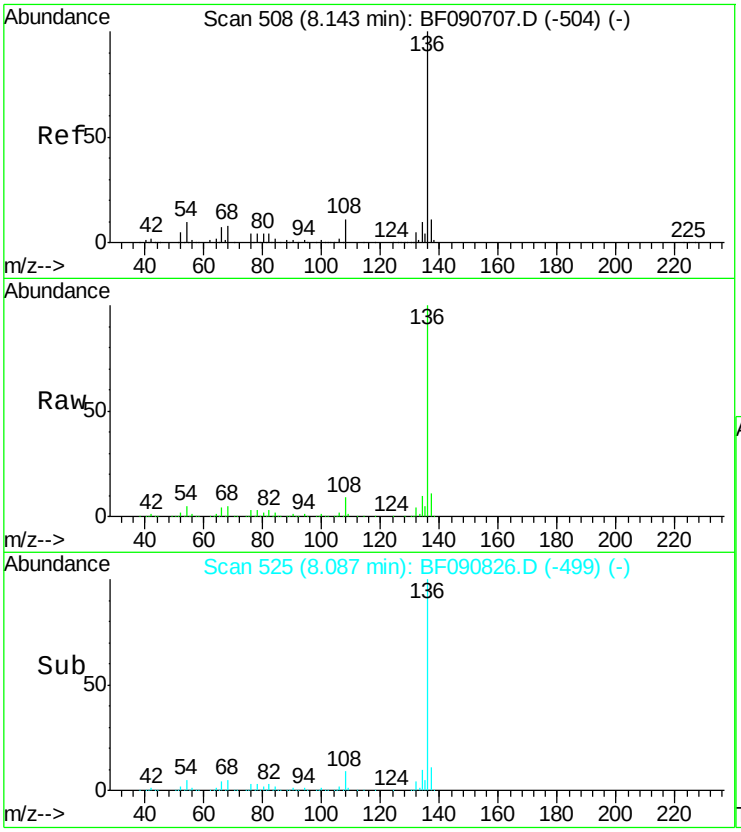


#19
n-Nitroso-di-n-propylamine
Concen: 12.02 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion: 70 Resp: 128301

Ion	Ratio	Lower	Upper
70	100		
42	33.3	63.8	95.6#
101	0.0	9.2	13.8#
130	2.4	27.3	40.9#



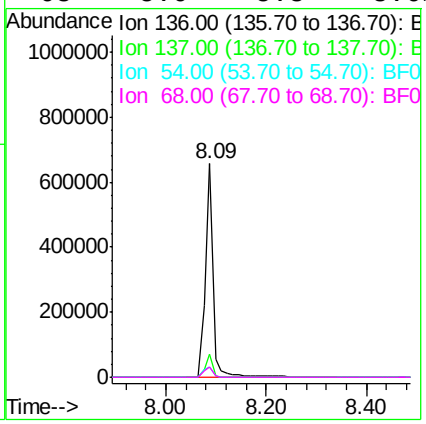


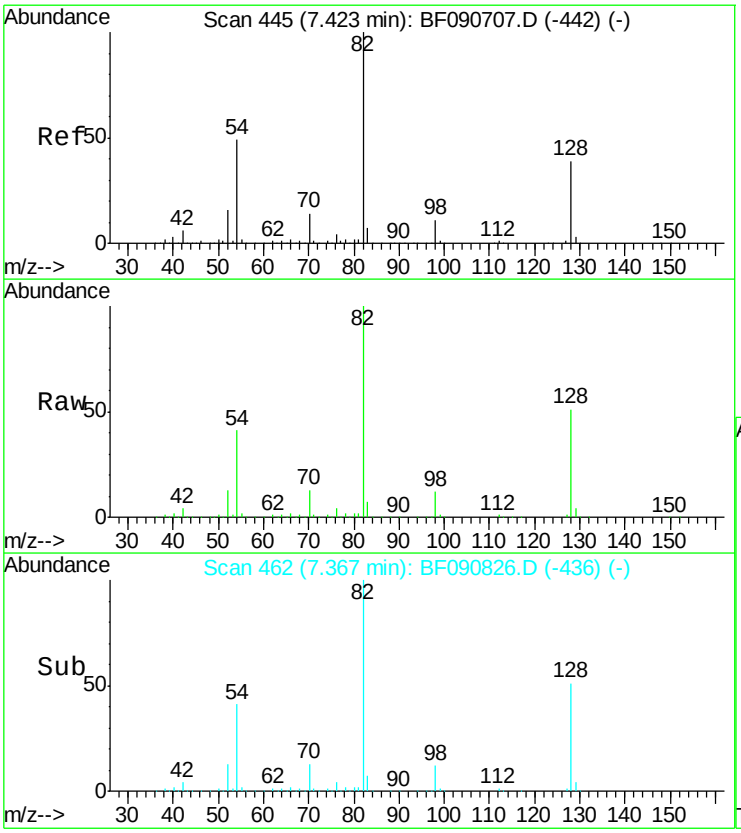
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:136 Resp: 700761

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	5.0	8.2	12.2#
68	5.0	5.8	8.6#

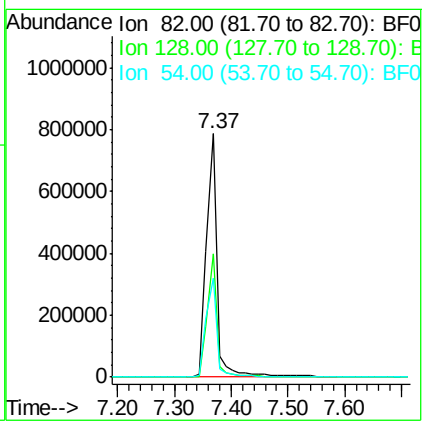


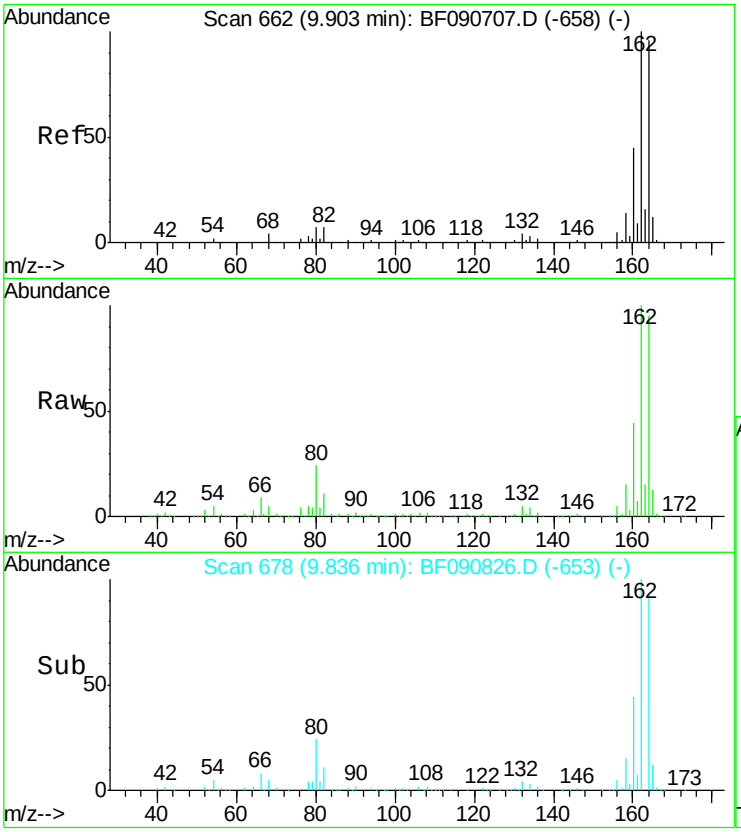


#23
Nitrobenzene-d5
Concen: 76.66 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion: 82 Resp: 979496

Ion	Ratio	Lower	Upper
82	100		
128	50.8	51.0	76.6#
54	40.6	47.5	71.3#



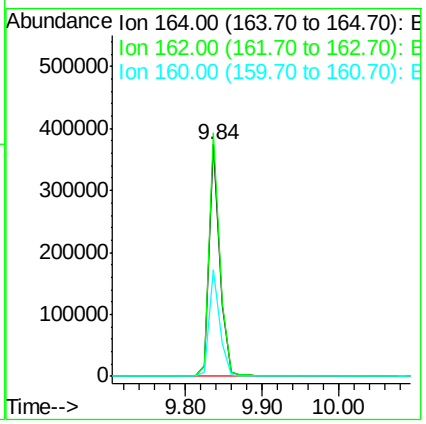


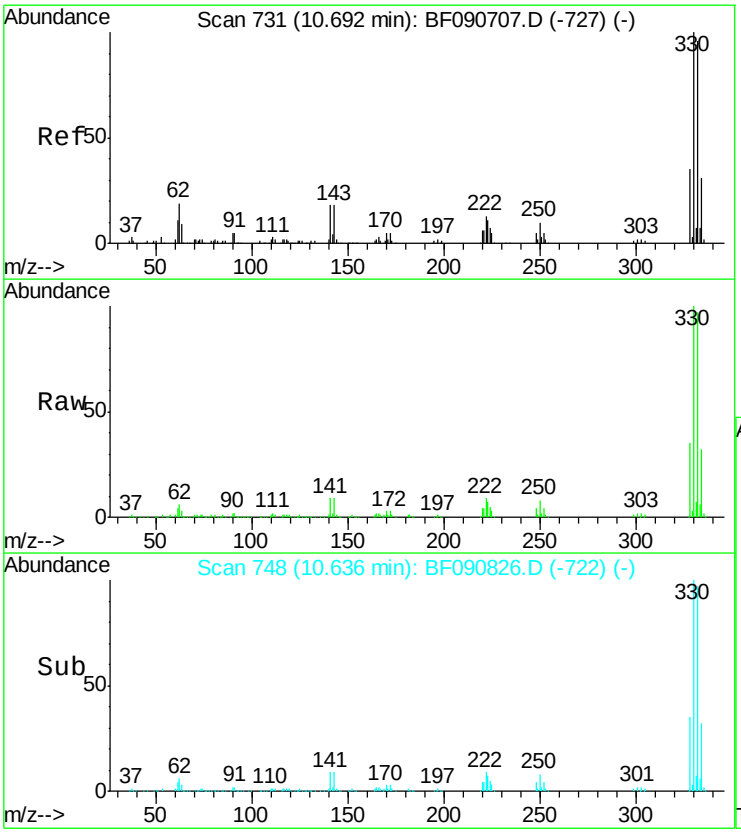
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.01 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:164 Resp: 360135

Ion	Ratio	Lower	Upper
164	100		
162	105.0	75.2	112.8
160	46.0	31.5	47.3

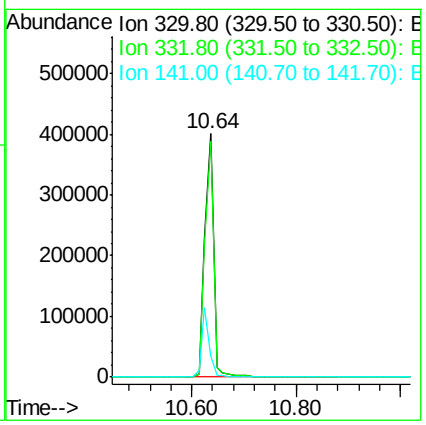


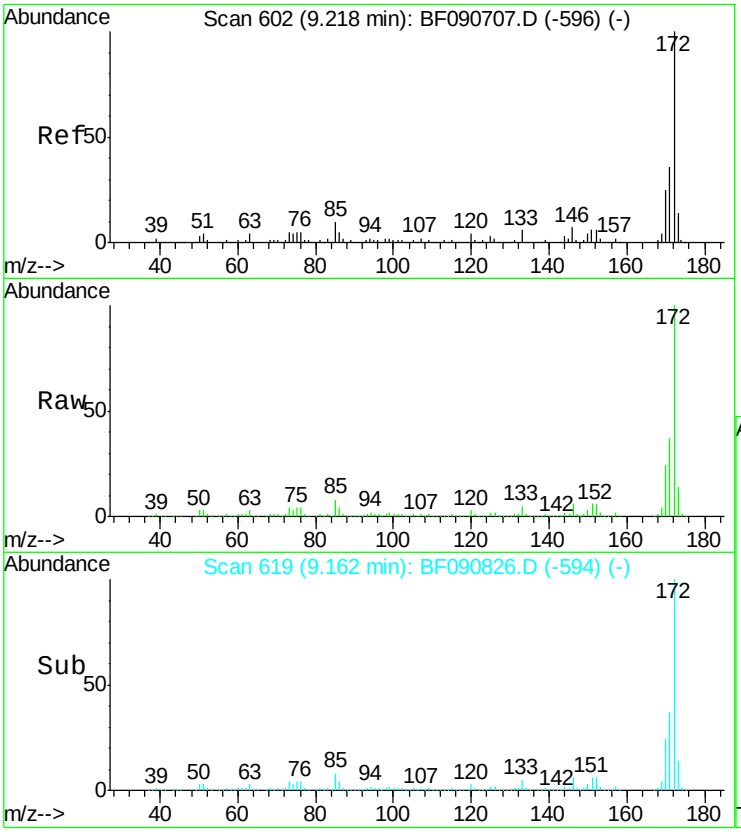


#41
2,4,6-Tribromophenol
Concen: 164.05 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:330 Resp: 467605

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.6	114.8
141	25.2	29.7	44.5#



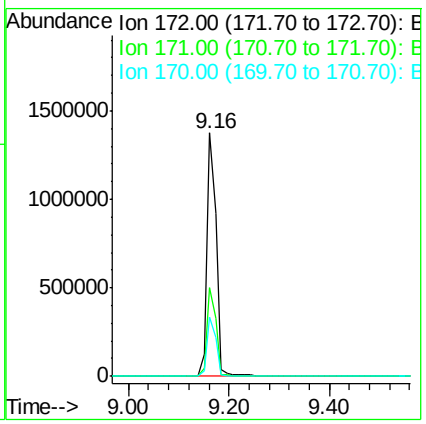


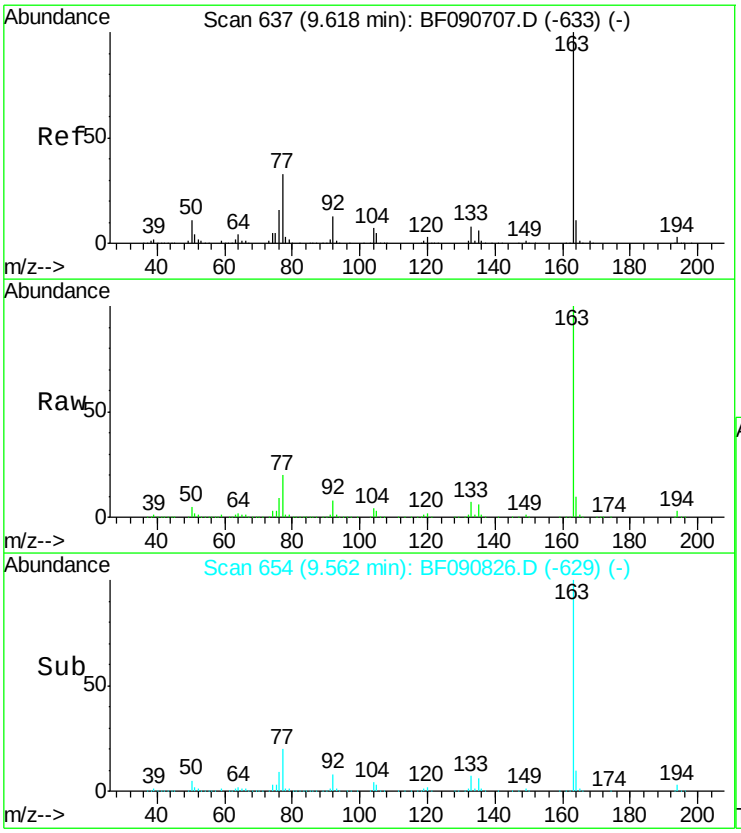
#44
2-Fluorobiphenyl
Concen: 75.76 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.01 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:172 Resp: 1757508

Ion	Ratio	Lower	Upper
172	100		
171	36.7	26.1	39.1
170	24.4	17.4	26.2

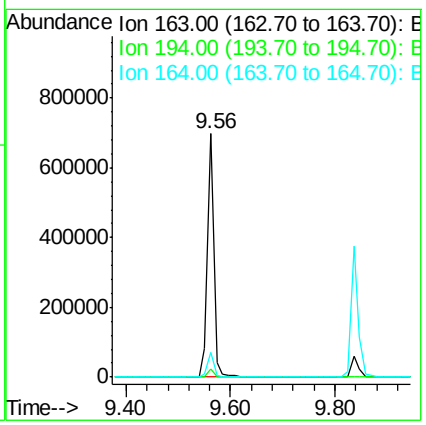


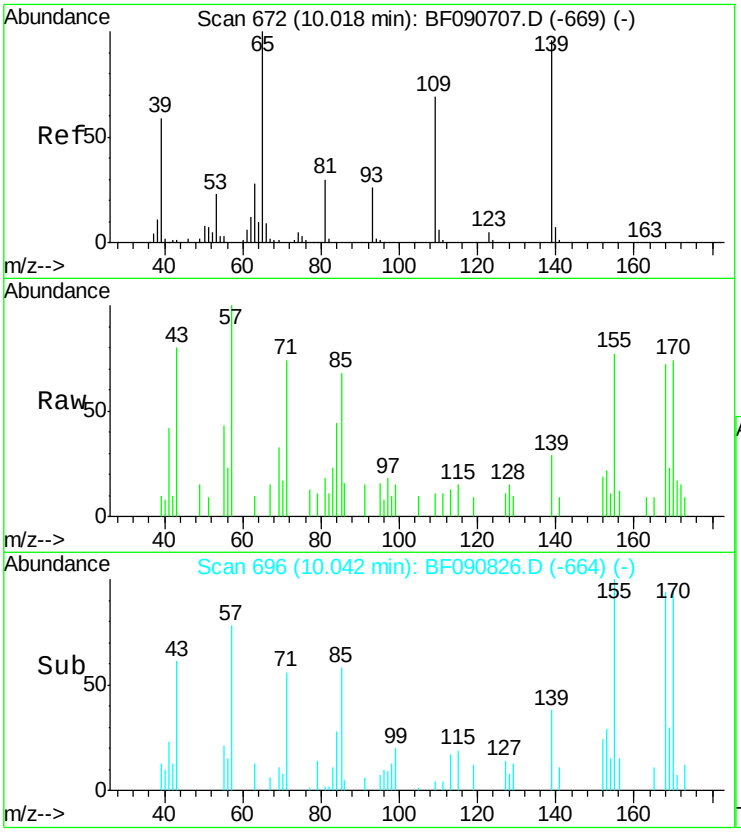


#49
Dimethylphthalate
Concen: 26.02 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:163 Resp: 588916

Ion	Ratio	Lower	Upper
163	100		
194	3.5	4.4	6.6#
164	10.3	8.3	12.5



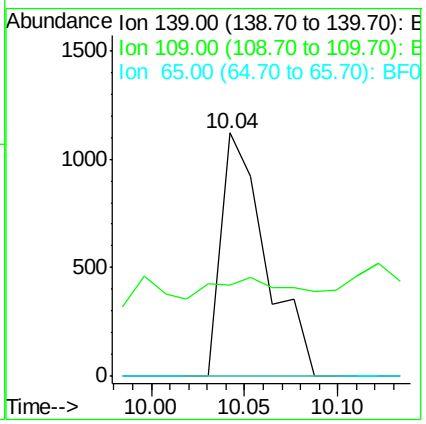


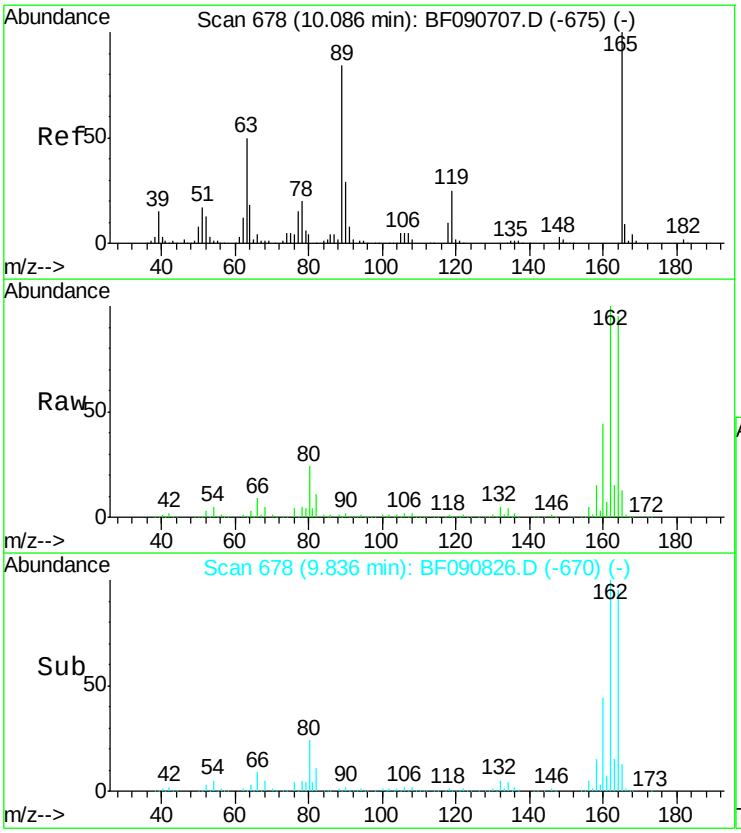
#55
4-Nitrophenol
Concen: 6.44 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.07 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:139 Resp: 1869

Ion	Ratio	Lower	Upper
139	100		
109	37.6	12.7	52.7
65	0.0	45.9	85.9#

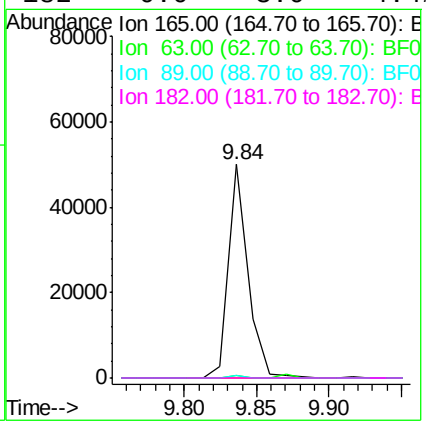


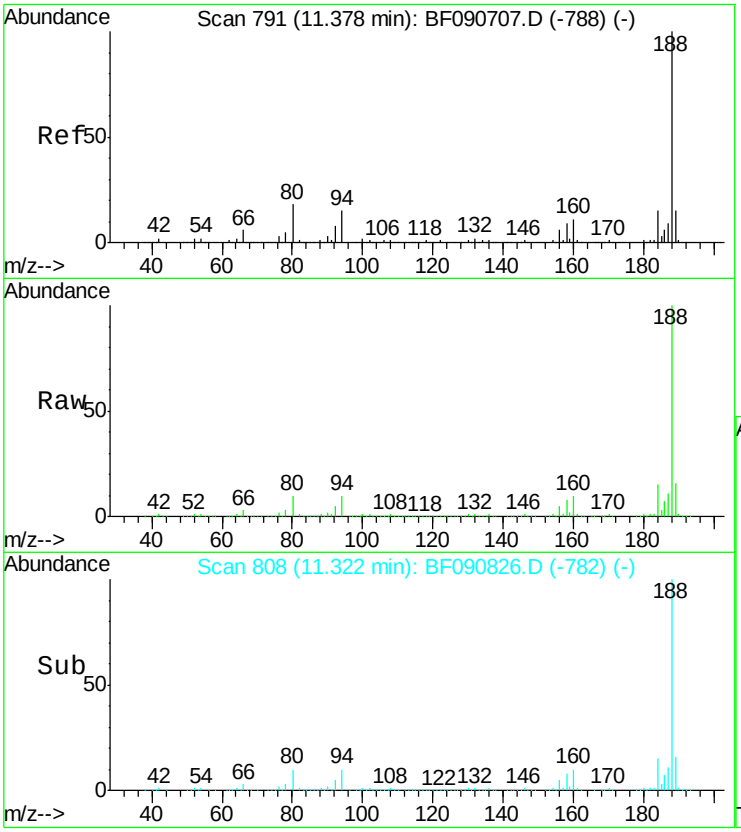


#56
2,4-Dinitrotoluene
Concen: 7.91 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.21 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:165 Resp: 47050

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.8	44.6#
89	1.3	44.5	66.7#
182	0.0	3.0	4.4#



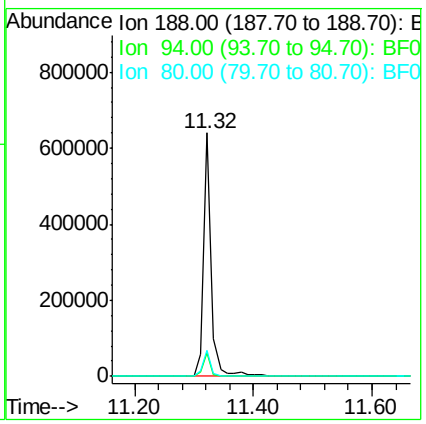


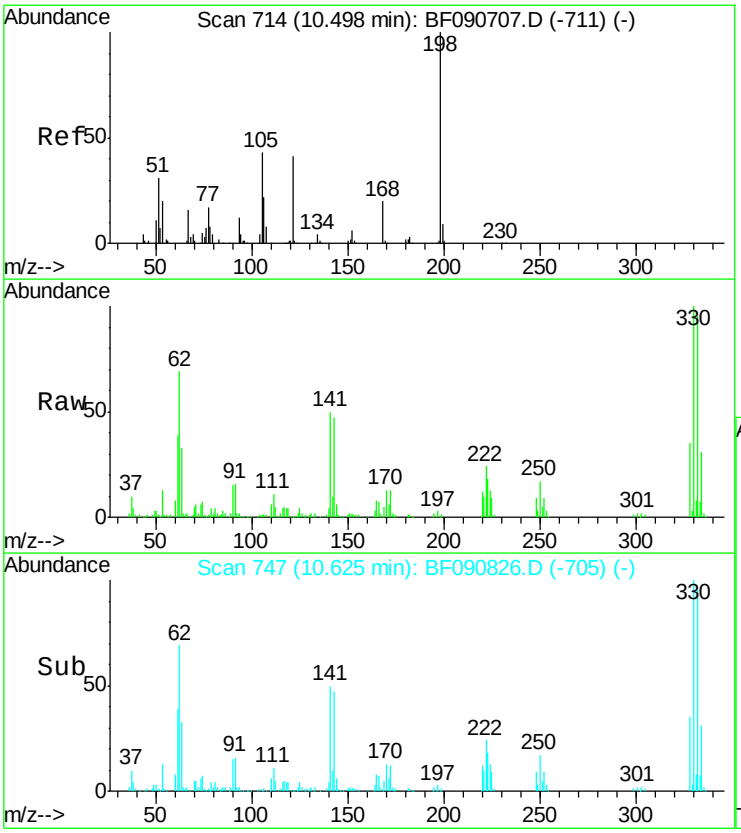
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:188 Resp: 594330

Ion	Ratio	Lower	Upper
188	100		
94	9.5	11.1	16.7#
80	10.5	11.0	16.4#

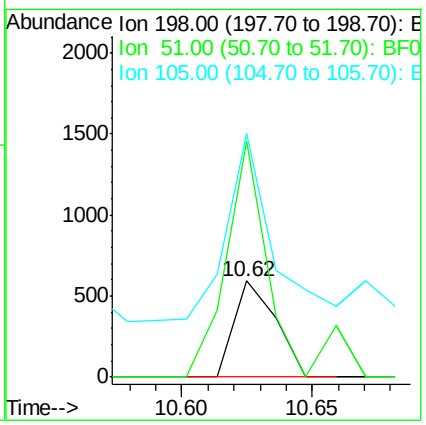


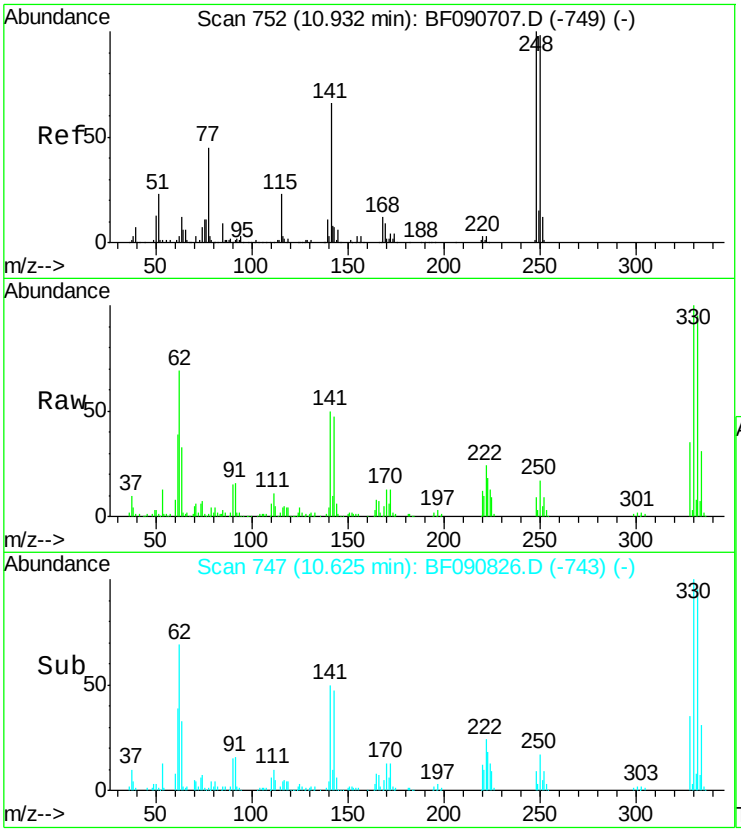


#64
4,6-Dinitro-2-methylphenol
Concen: 4.34 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.18 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:198 Resp: 660

Ion	Ratio	Lower	Upper
198	100		
51	245.7	39.6	79.6#
105	253.5	28.5	68.5#



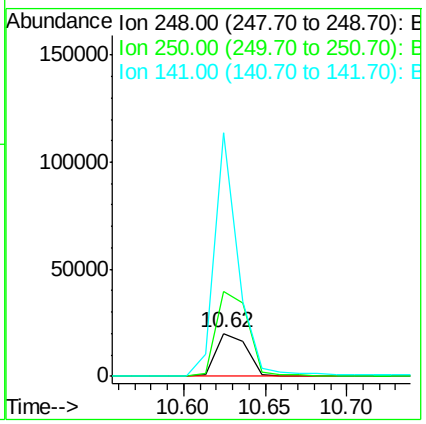


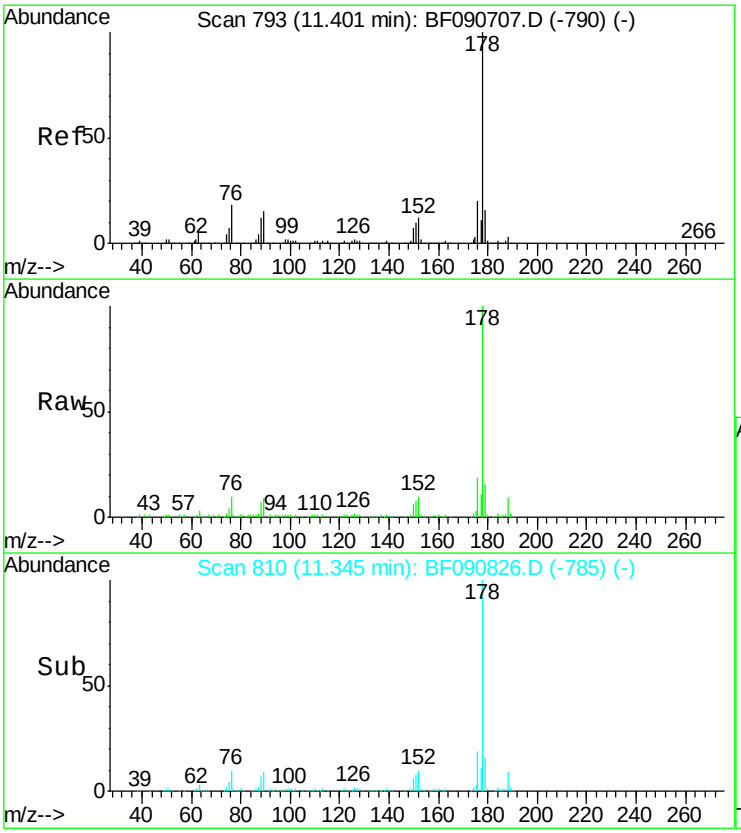
#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.25 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:248 Resp: 26683

Ion	Ratio	Lower	Upper
248	100		
250	198.0	78.5	117.7#
141	563.8	59.0	88.6#

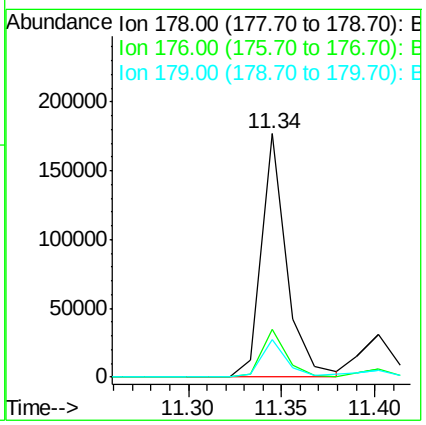


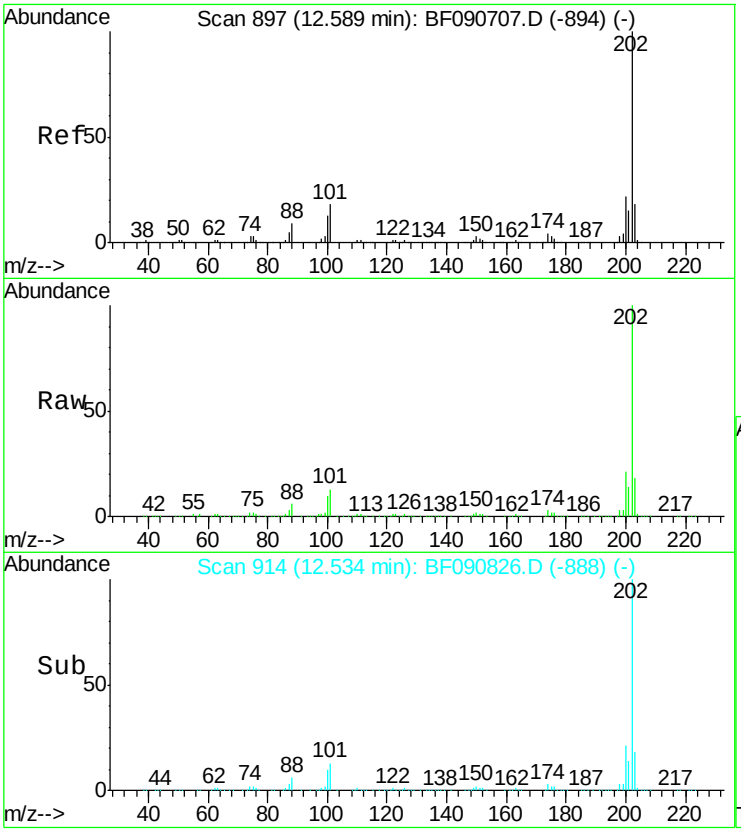


#70
Phenanthrene
Concen: 5.51 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:178 Resp: 166876

Ion	Ratio	Lower	Upper
178	100		
176	19.4	13.8	20.8
179	15.5	12.2	18.2



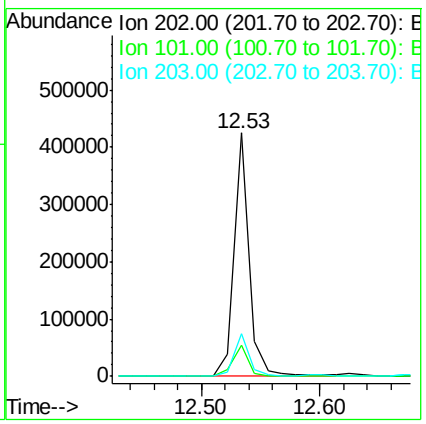


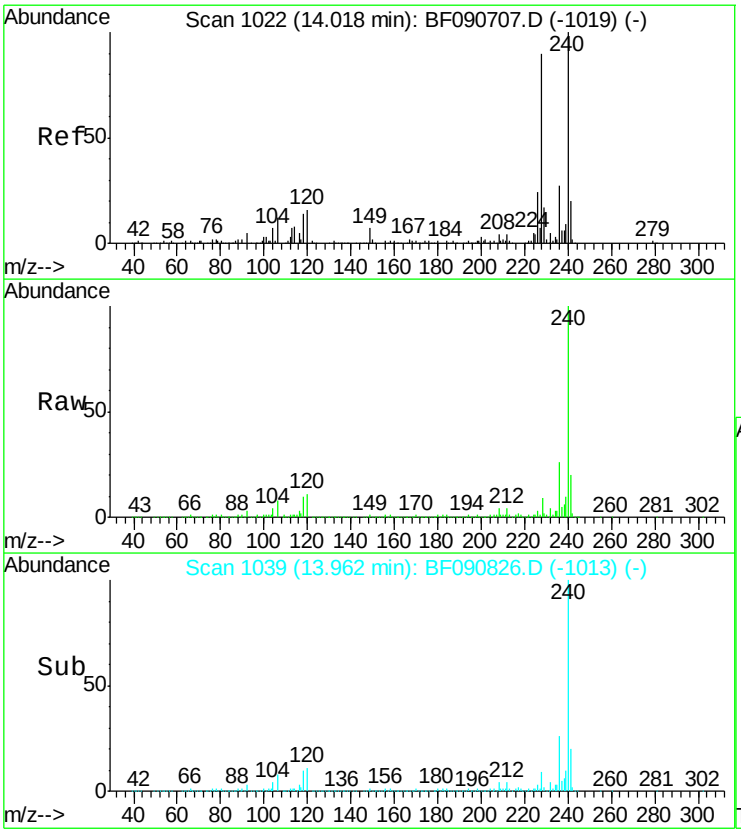
#74
Fluoranthene
Concen: 12.89 ng
RT: 12.53 min Scan# 914
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:202 Resp: 377634

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	38.3
203	17.5	0.0	37.3

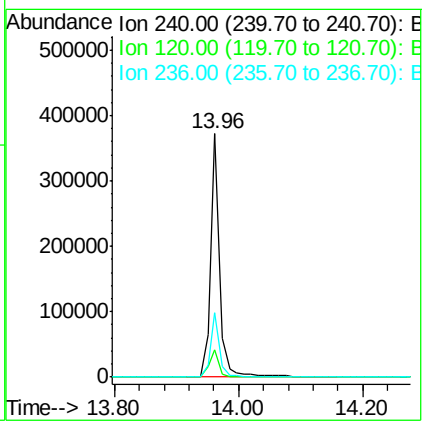


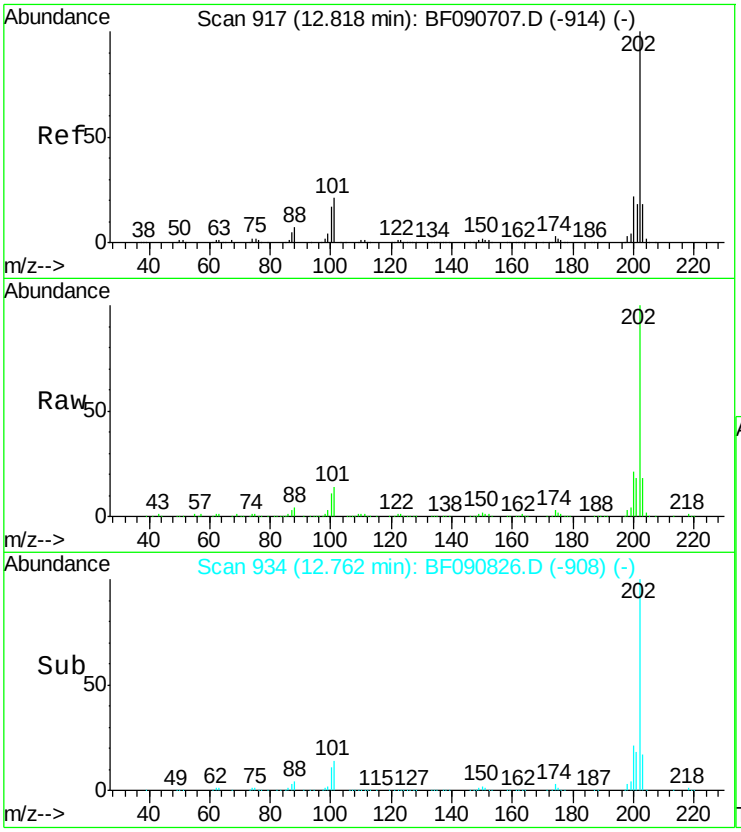


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:240 Resp: 373331

Ion	Ratio	Lower	Upper
240	100		
120	11.3	16.2	24.2#
236	26.4	18.4	27.6



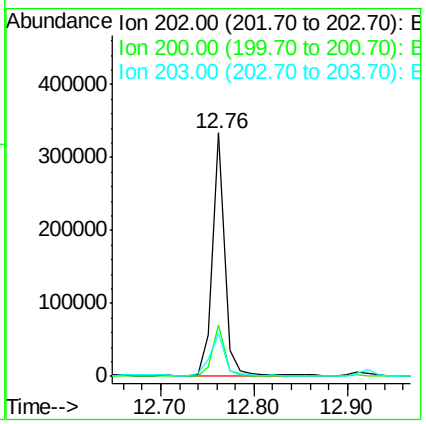


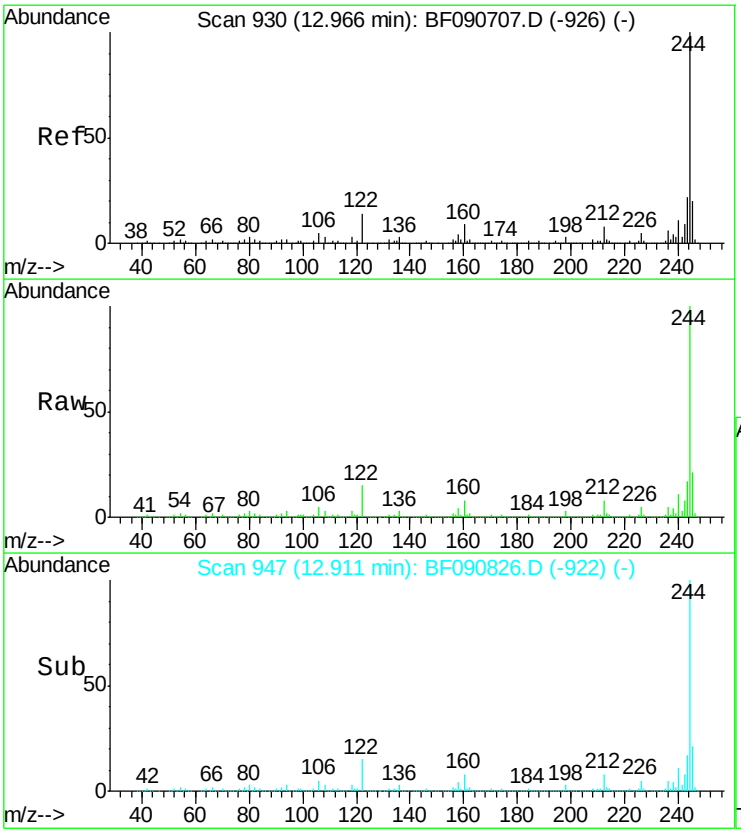
#77
Pyrene
Concen: 11.63 ng
RT: 12.76 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:202 Resp: 303360

Ion	Ratio	Lower	Upper
202	100		
200	21.3	15.0	22.4
203	17.6	14.1	21.1

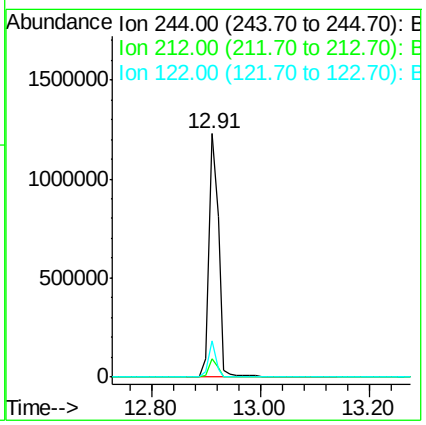


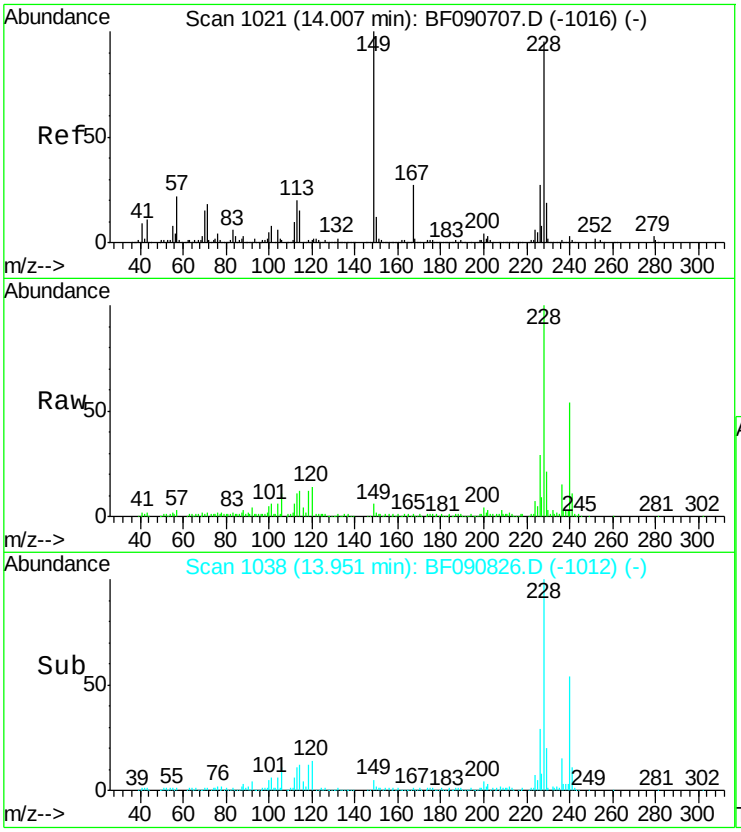


#78
Terphenyl-d14
Concen: 94.77 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:244 Resp: 1543679

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.3	6.5#
122	15.0	17.4	26.2#



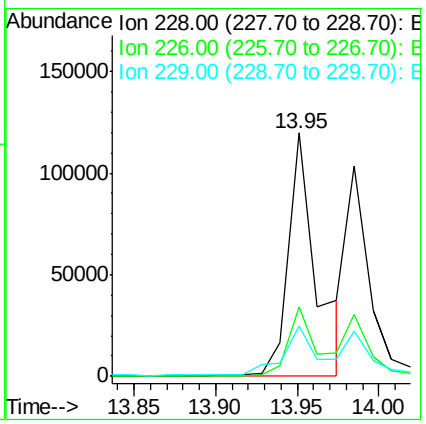


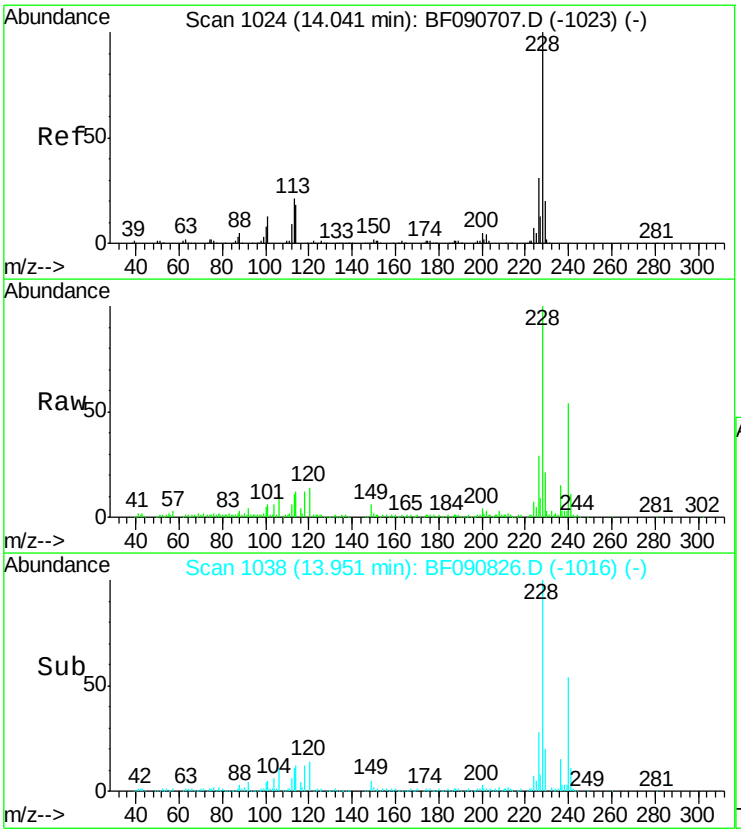
#80
Benzo(a)anthracene
Concen: 7.02 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:228 Resp: 143387

Ion	Ratio	Lower	Upper
228	100		
226	28.7	20.0	30.0
229	20.7	15.4	23.2

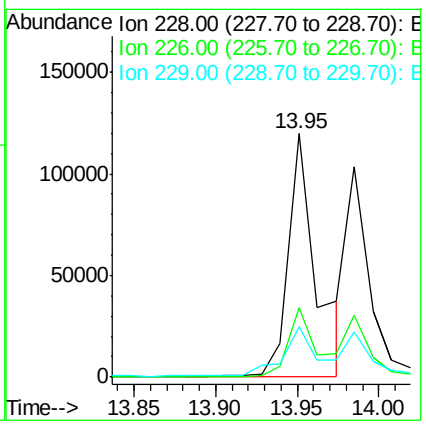


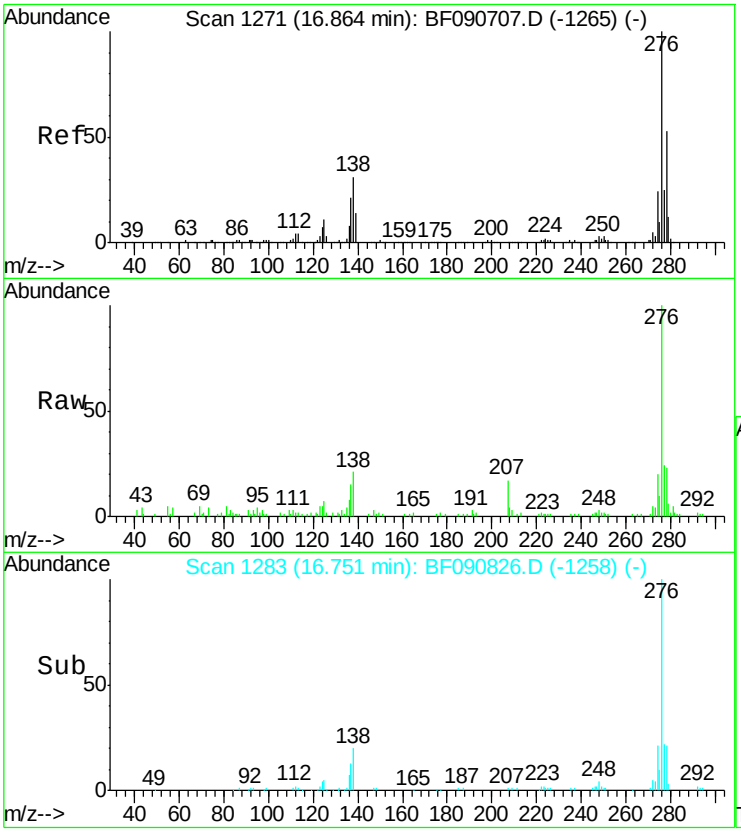


#82
Chrysene
Concen: 7.19 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.05 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:228 Resp: 143387

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.0	31.4
229	20.7	15.6	23.4



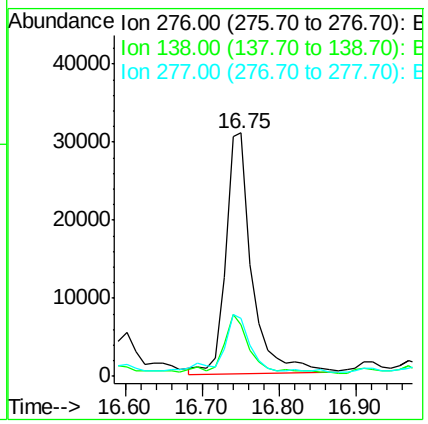


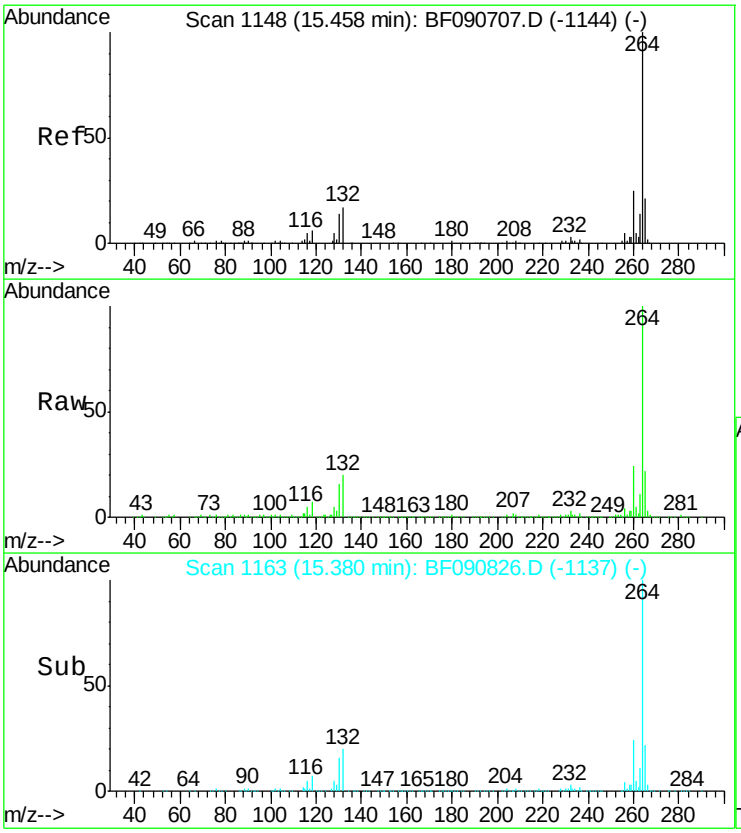
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.30 ng
RT: 16.75 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:276 Resp: 74853

Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.7	38.5#
277	23.7	15.6	23.4#

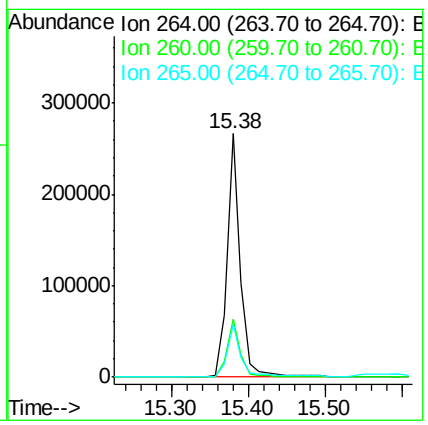


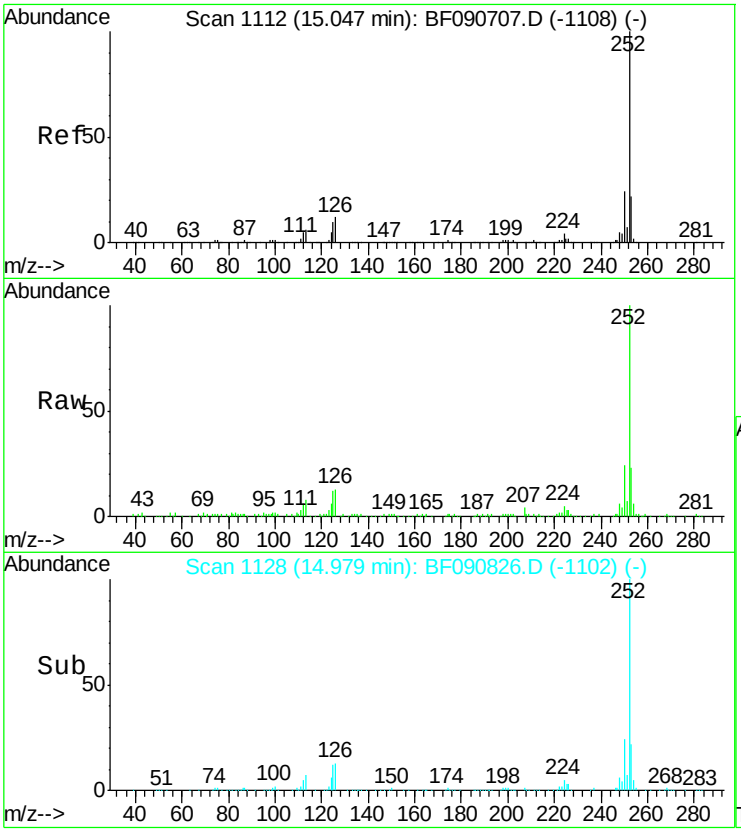


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:264 Resp: 327607

Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	22.0	17.2	25.8



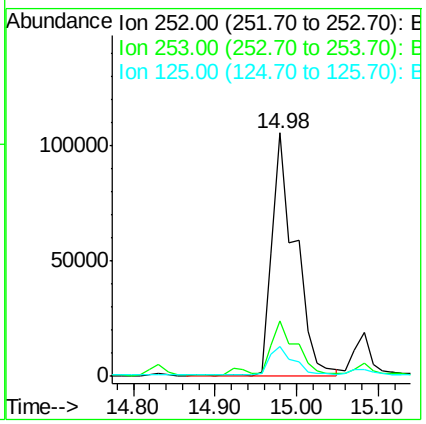


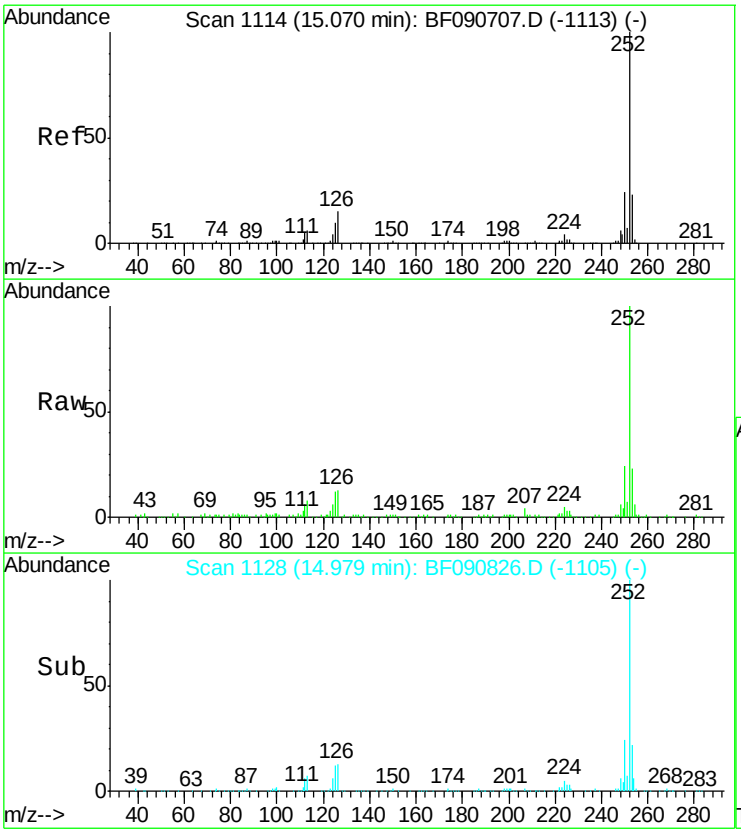
#87
Benzo(b)fluoranthene
Concen: 10.65 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:252 Resp: 214625

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	12.5	17.1	25.7#

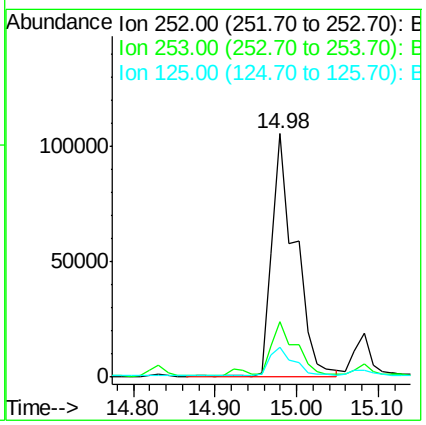


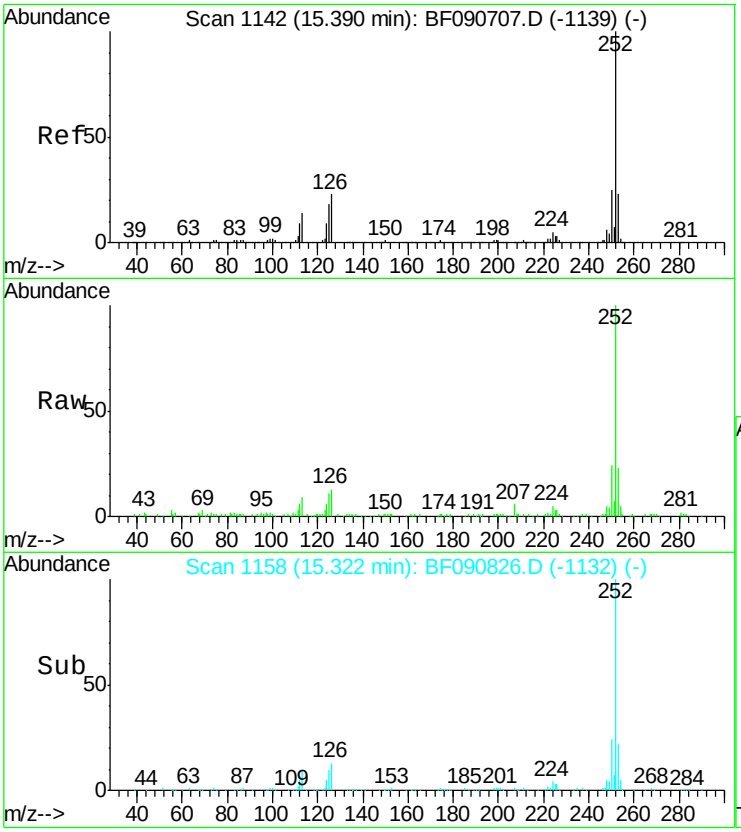


#88
Benzo(k)fluoranthene
Concen: 10.60 ng
RT: 14.98 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:252 Resp: 214625

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.4
125	12.5	16.0	24.0#



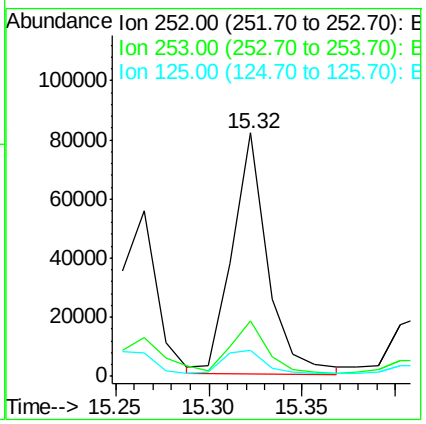


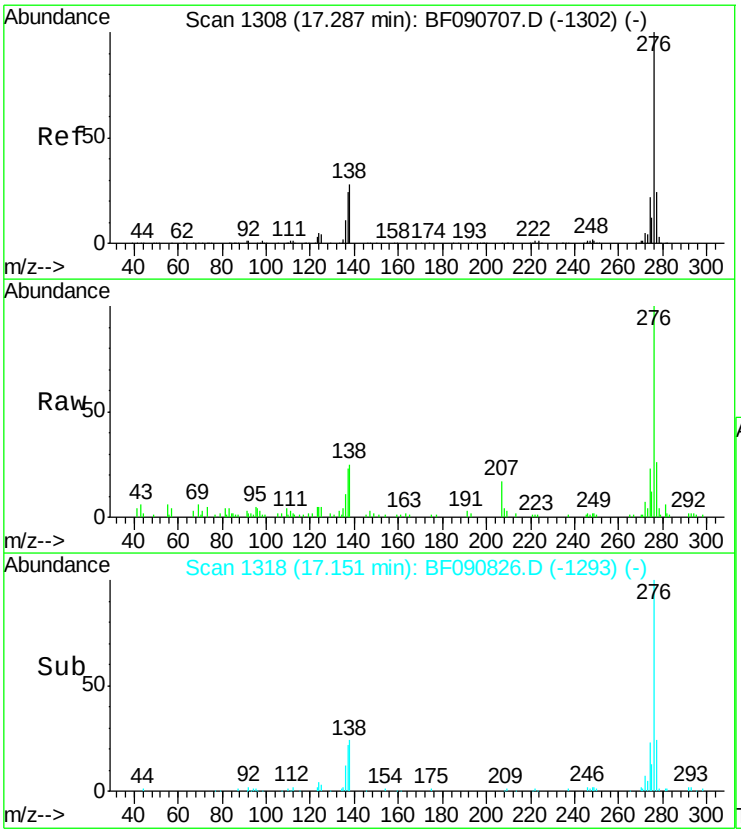
#89
Benzo(a)pyrene
Concen: 5.76 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Instrument :
BNA_F
ClientSampleId :
BOTTOM-CENTER

Tgt Ion:252 Resp: 108937

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	10.9	18.0	27.0#





#91
Benzo(g,h,i)perylene
Concen: 3.71 ng
RT: 17.15 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF090826.D
Acq: 25 Oct 2016 23:50

Tgt Ion:276 Resp: 65252

Ion	Ratio	Lower	Upper
276	100		
277	25.5	17.8	26.6
138	25.1	34.6	51.8#