Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092216\
Data File : BF090193.D
Acq On : 22 Sep 2016 18:09
Operator : UM/SJ
Sample : H4856-14 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-2

Quant Time: Sep 23 01:19:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 23 01:02:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	121636m	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	440459m	20.00	ng		-0.01
38) Acenaphthene-d10	9.53	164	224056	20.00	ng		0.00
63) Phenanthrene-d10	10.99	188	269700	20.00	ng		-0.01
75) Chrysene-d12	13.61	240	268530	20.00	ng		0.00
86) Perylene-d12	14.94	264	274570	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	147745	19.80	ng		0.00
7) Phenol-d6	6.15	99	208444	22.62	ng		-0.01
23) Nitrobenzene-d5	7.06	82	115450	15.19	ng		-0.01
41) 2,4,6-Tribromophenol	10.31	330	31856	16.57	ng		-0.01
44) 2-Fluorobiphenyl	8.87	172	206449	18.09	ng		0.00
78) Terphenyl-d14	12.58	244	113799	10.76	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	7.80	128	62318	2.97	ng		98
37) 2-Methylnaphthalene	8.50	142	39775	3.05	ng		97
49) Dimethylphthalate	9.27	163	67302	4.72	ng		100
59) Diethylphthalate	9.96	149	53361	3.87	ng		97
70) Phenanthrene	11.02	178	141433	11.21	ng		99
71) Anthracene	11.07	178	34472	2.61	ng		99
73) Di-n-butylphthalate	11.59	149	53028	3.26	ng	#	99
74) Fluoranthene	12.19	202	128500	9.49	ng		97
77) Pyrene	12.42	202	107139	5.83	ng		98
80) Benzo(a)anthracene	13.60	228	51290m	3.55	ng		
82) Chrysene	13.63	228	54454m	3.87	ng		
83) Bis(2-ethylhexyl)phthalate	13.63	149	98169	8.53	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.09	276	27330	2.40	ng		95
87) Benzo(b)fluoranthene	14.59	252	67330m	4.43	ng		
89) Benzo(a)pyrene	14.88	252	45998	3.22	ng	#	84
91) Benzo(g,h,i)perylene	16.43	276	24205	2.22	ng		96

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

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-2

Quant Time: Sep 23 01:19:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092016.M
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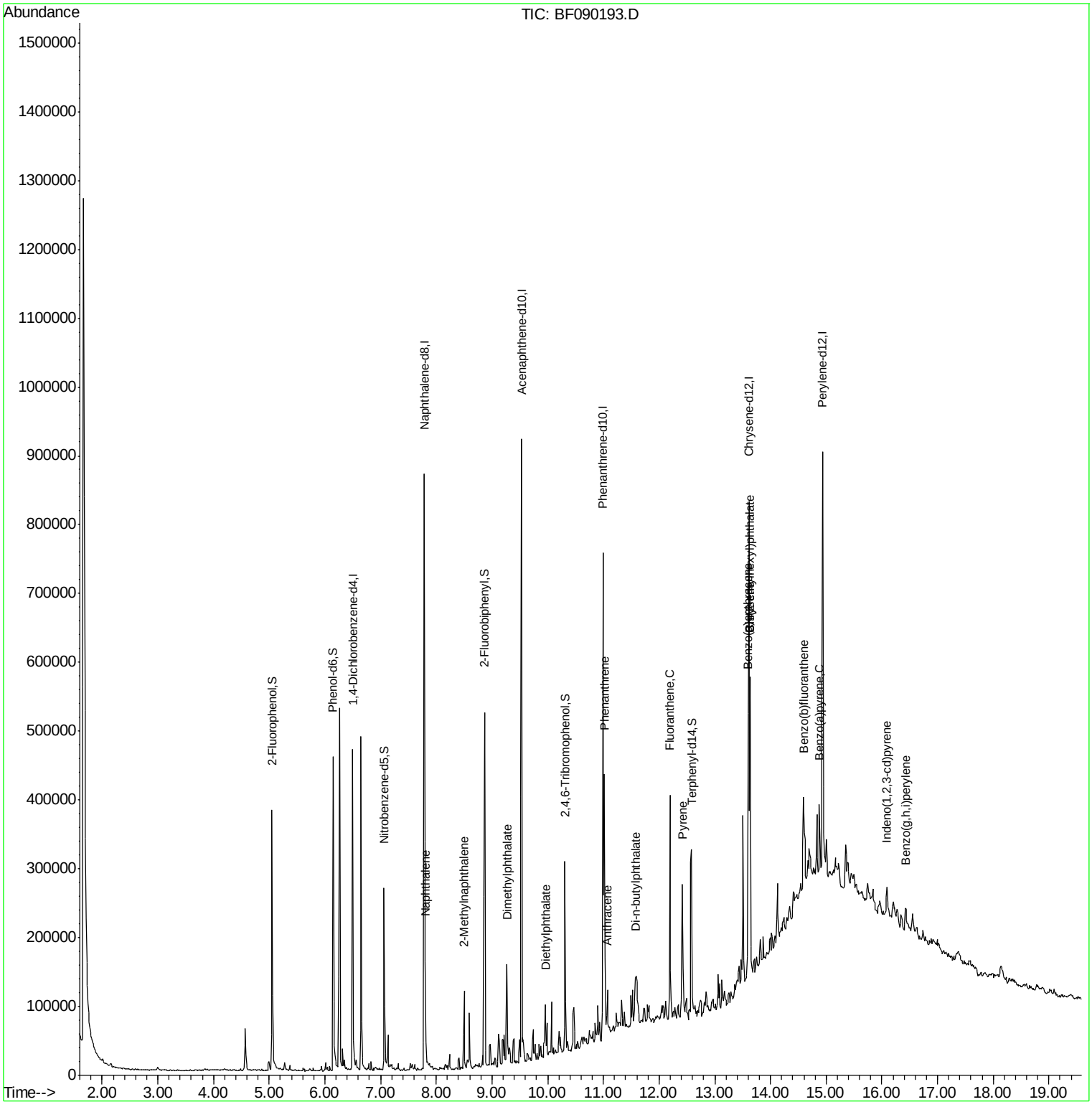
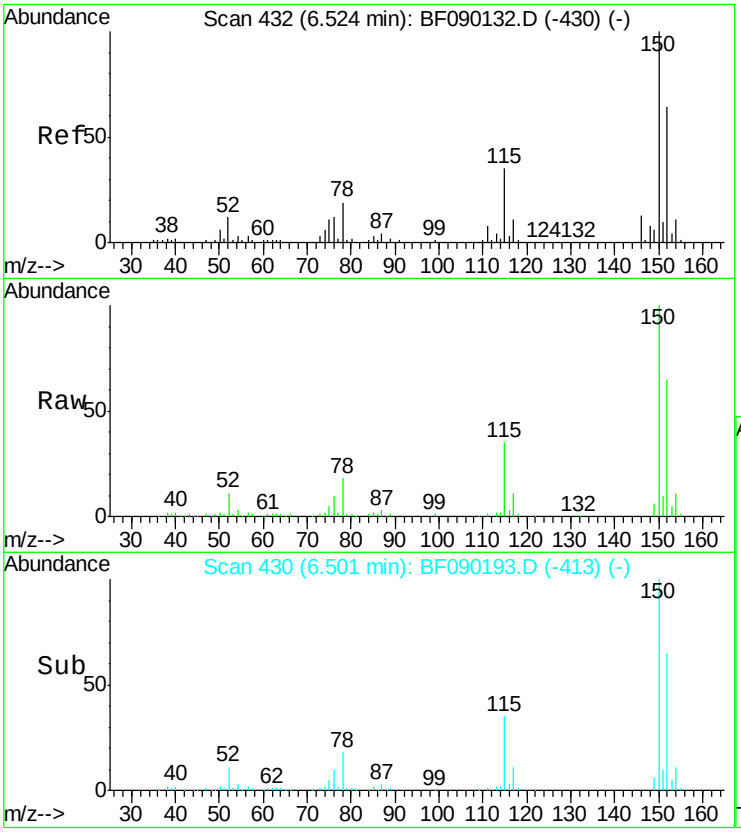


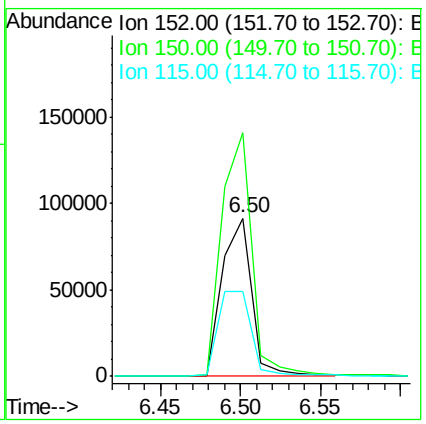


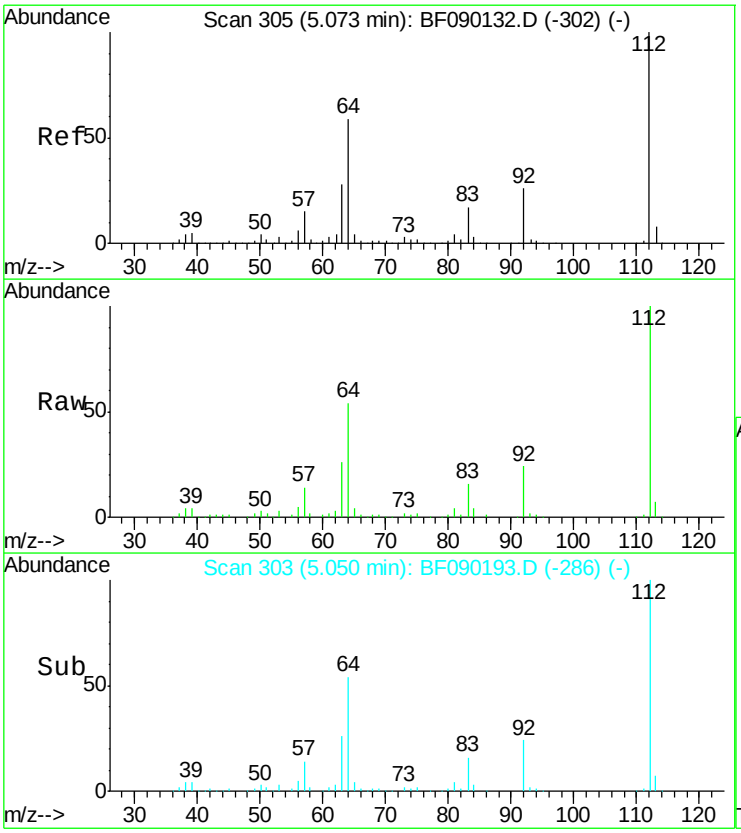
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng m
RT: 6.50 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:152 Resp: 121636

Ion	Ratio	Lower	Upper
152	100		
150	153.8	128.9	193.3
115	53.3	55.5	83.3#

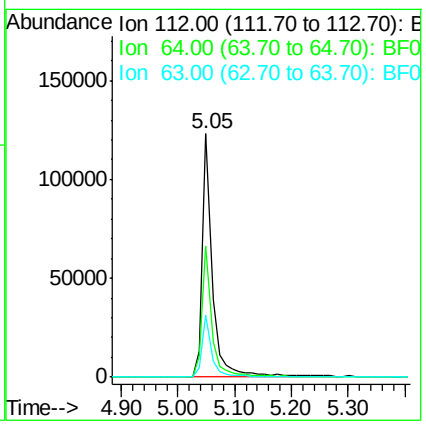


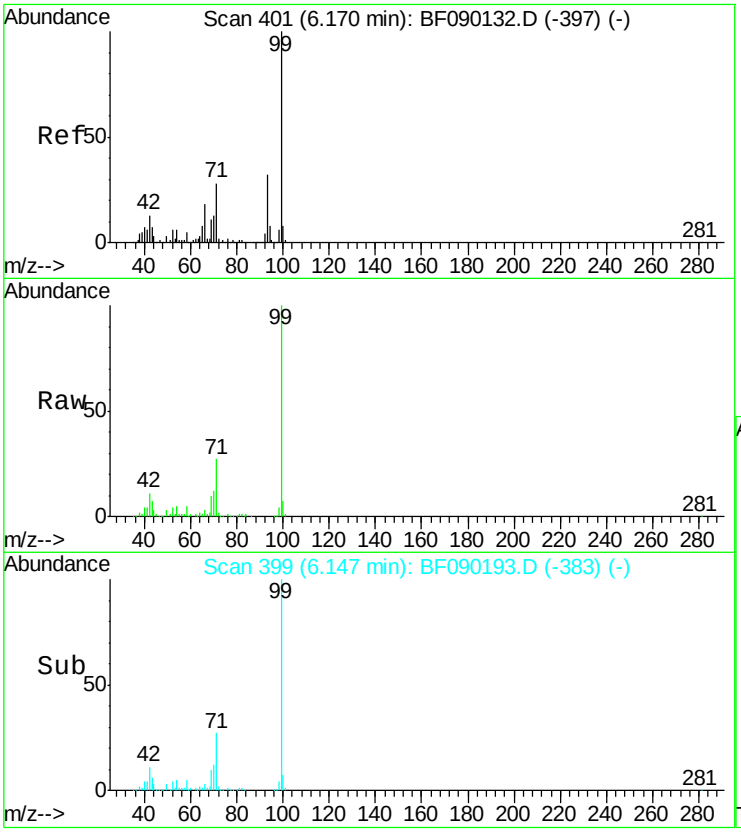


#5
2-Fluorophenol
Concen: 19.80 ng
RT: 5.05 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:112 Resp: 147745

Ion	Ratio	Lower	Upper
112	100		
64	53.9	39.8	59.6
63	25.5	18.9	28.3



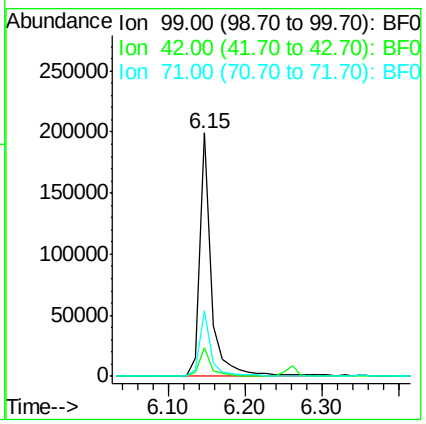


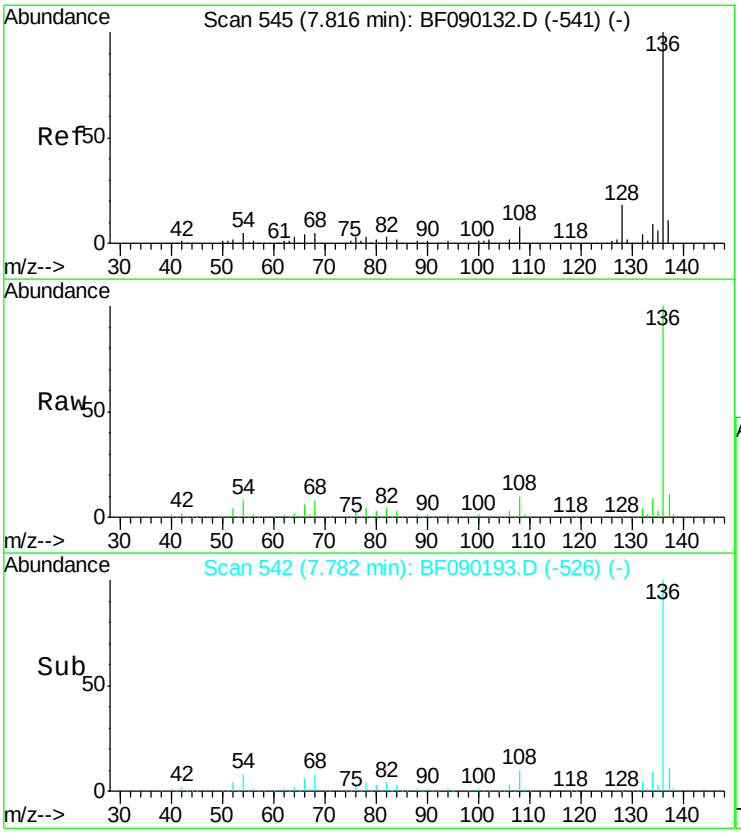
#7
Phenol-d6
Concen: 22.62 ng
RT: 6.15 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion: 99 Resp: 208444

Ion	Ratio	Lower	Upper
99	100		
42	11.5	10.6	15.8
71	26.7	23.0	34.6

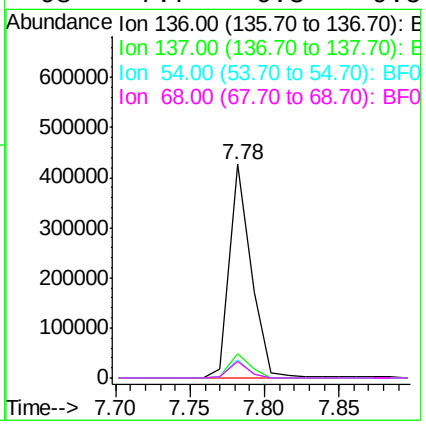


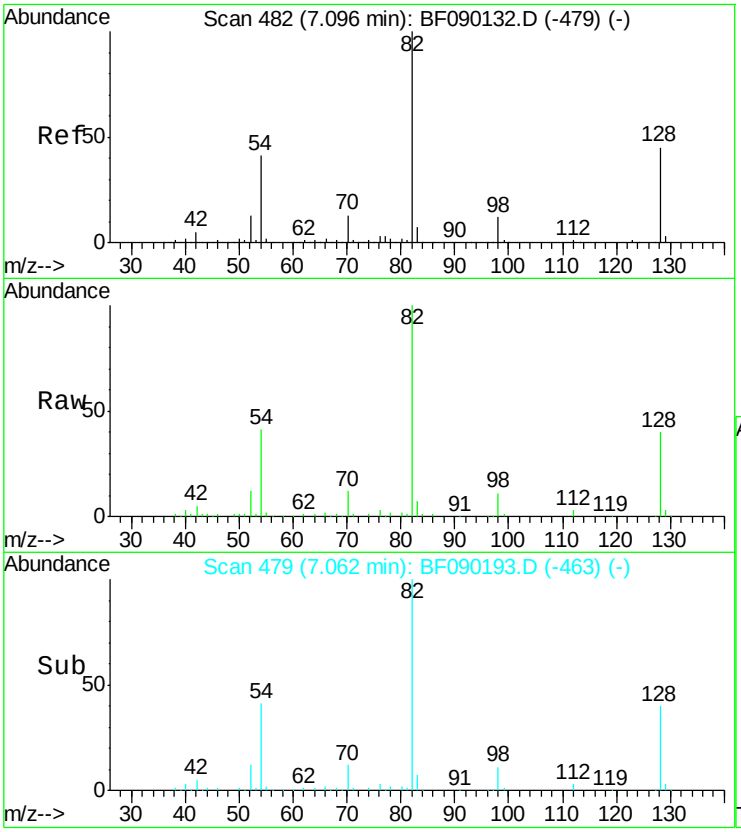


#21
Naphthalene-d8
Concen: 20.00 ng m
RT: 7.78 min Scan# 542
Delta R.T. -0.01 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:136 Resp: 440459

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.4	6.4	9.6
68	7.7	6.3	9.5



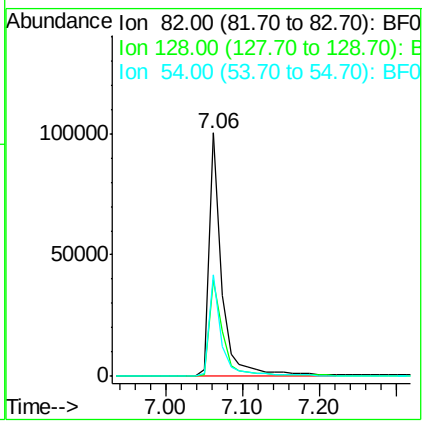


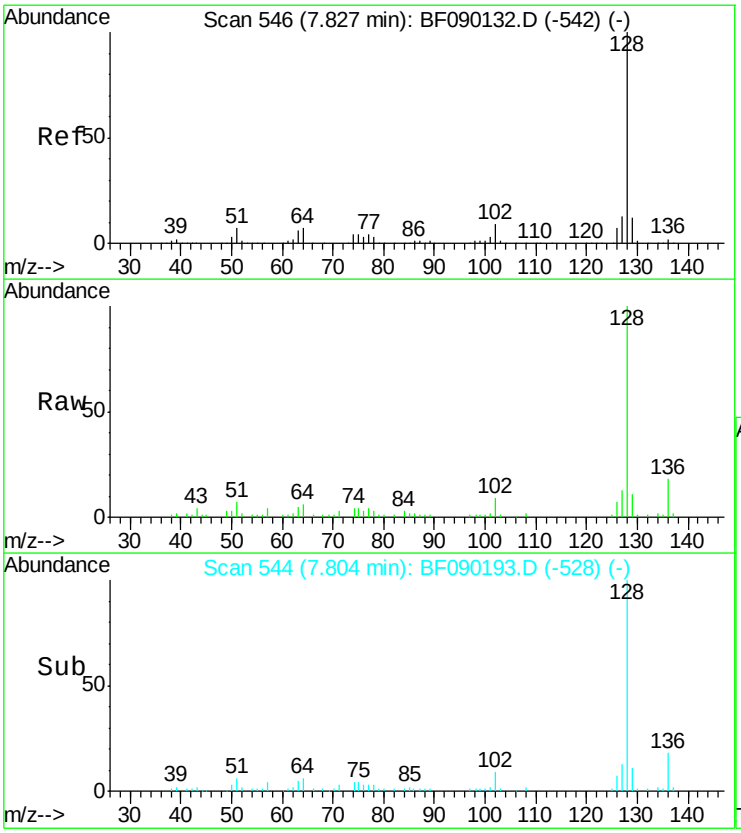
#23
Nitrobenzene-d5
Concen: 15.19 ng
RT: 7.06 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion: 82 Resp: 115450

Ion	Ratio	Lower	Upper
82	100		
128	39.8	37.5	56.3
54	41.5	31.9	47.9

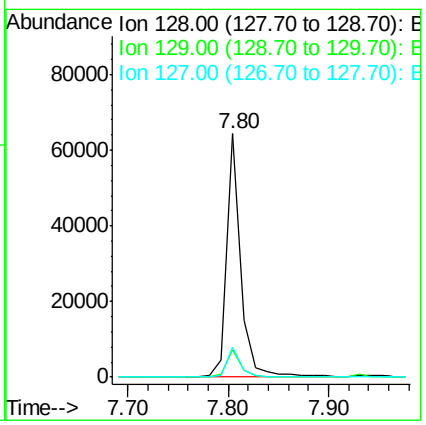


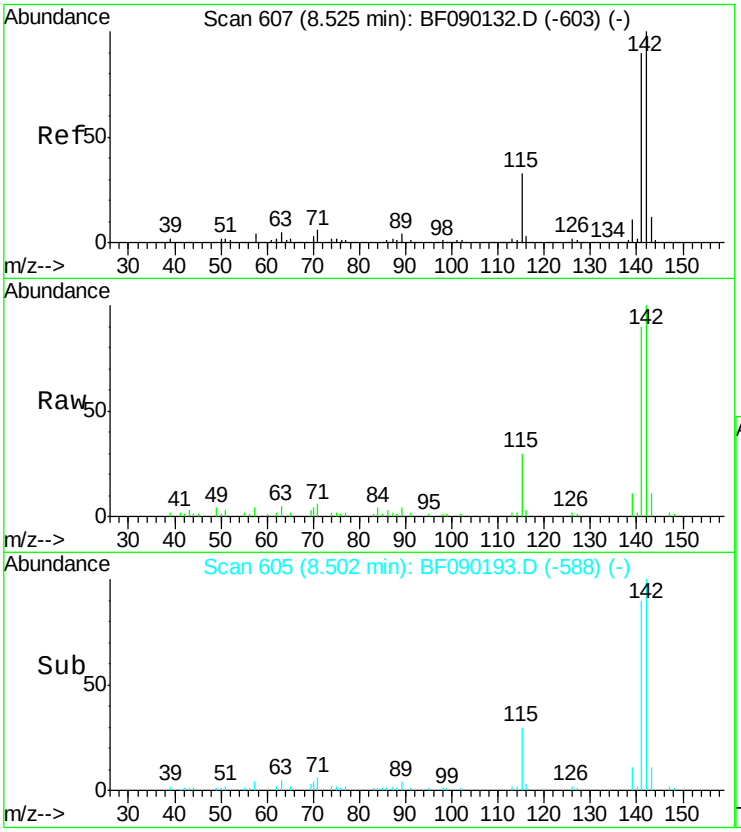


#31
Naphthalene
Concen: 2.97 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.01 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:128 Resp: 62318

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	12.5	10.8	16.2



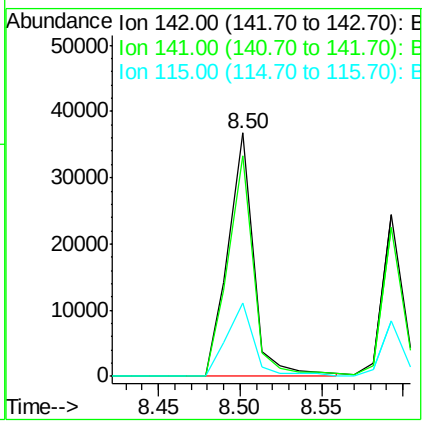


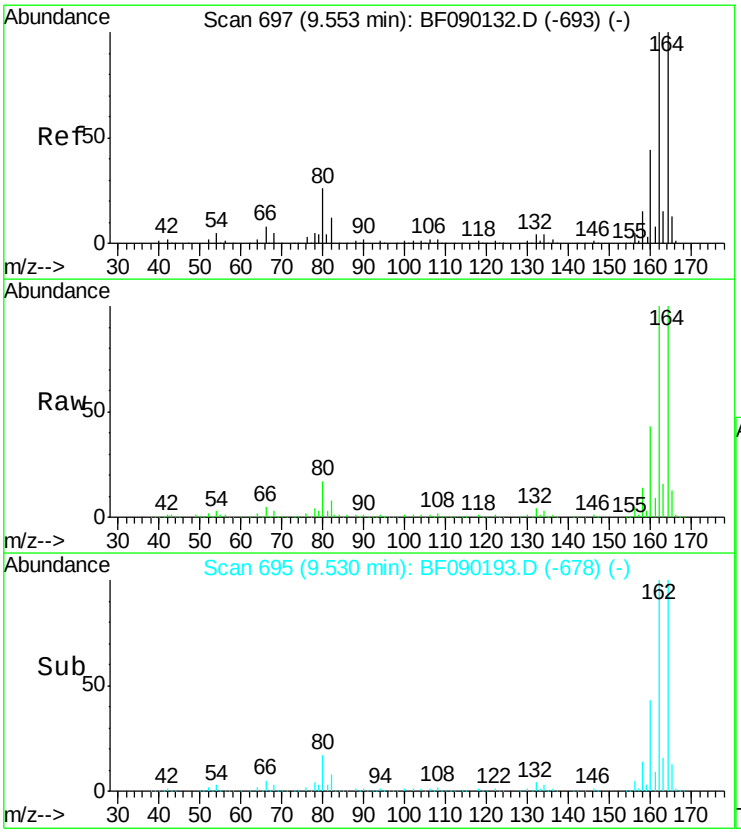
#37
2-Methylnaphthalene
Concen: 3.05 ng
RT: 8.50 min Scan# 605
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:142 Resp: 39775

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2
115	29.9	28.3	42.5

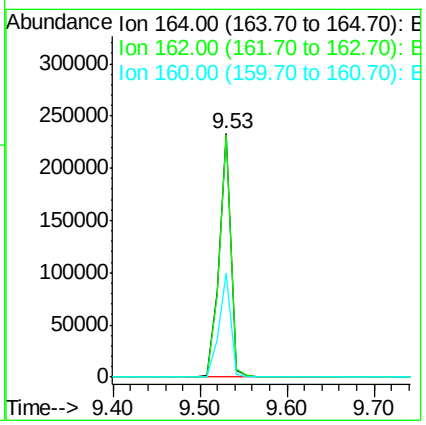


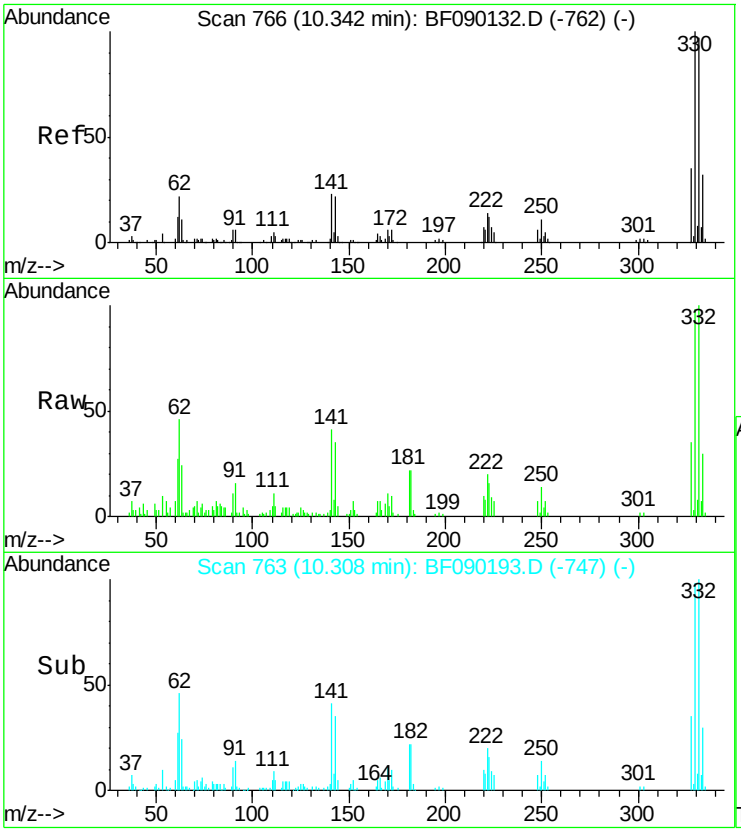


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:164 Resp: 224056

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.4	122.2
160	42.7	36.6	54.8



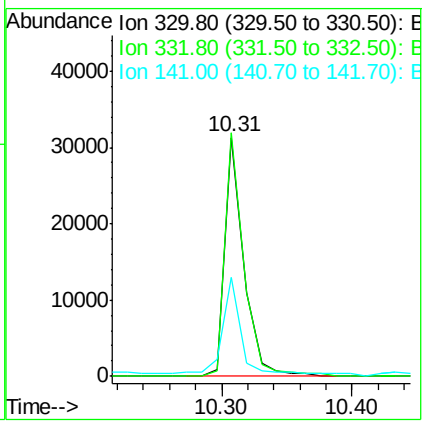


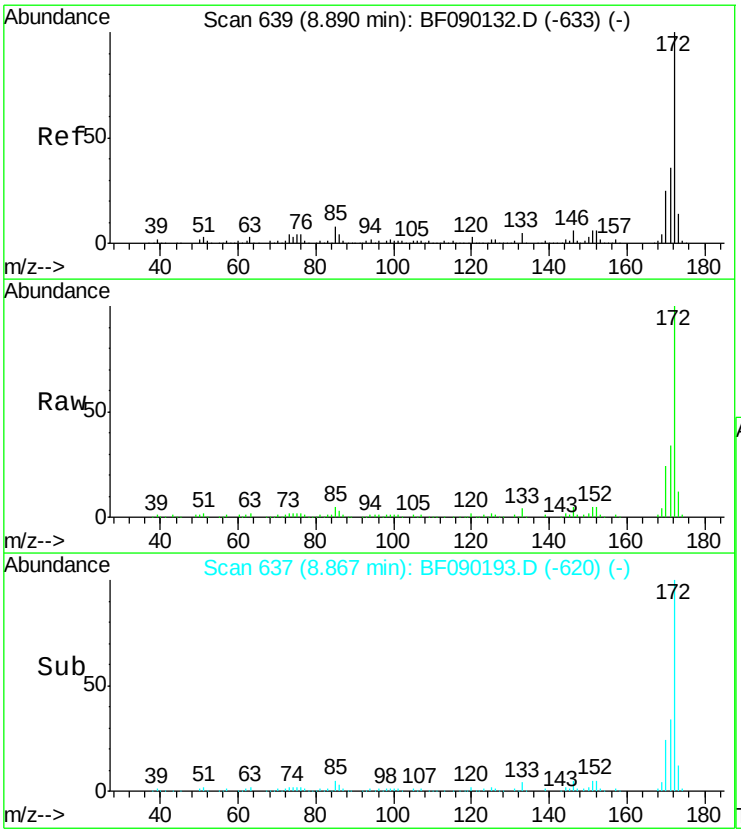
#41
2,4,6-Tribromophenol
Concen: 16.57 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:330 Resp: 31856

Ion	Ratio	Lower	Upper
330	100		
332	101.3	78.1	117.1
141	46.1	23.9	35.9#

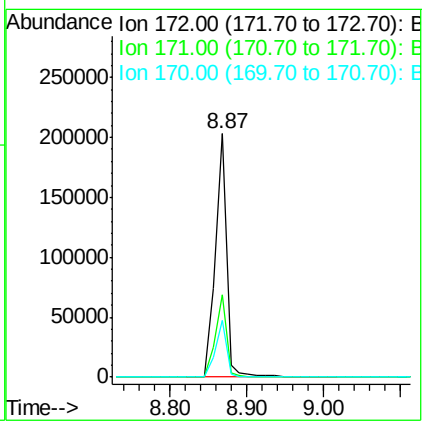


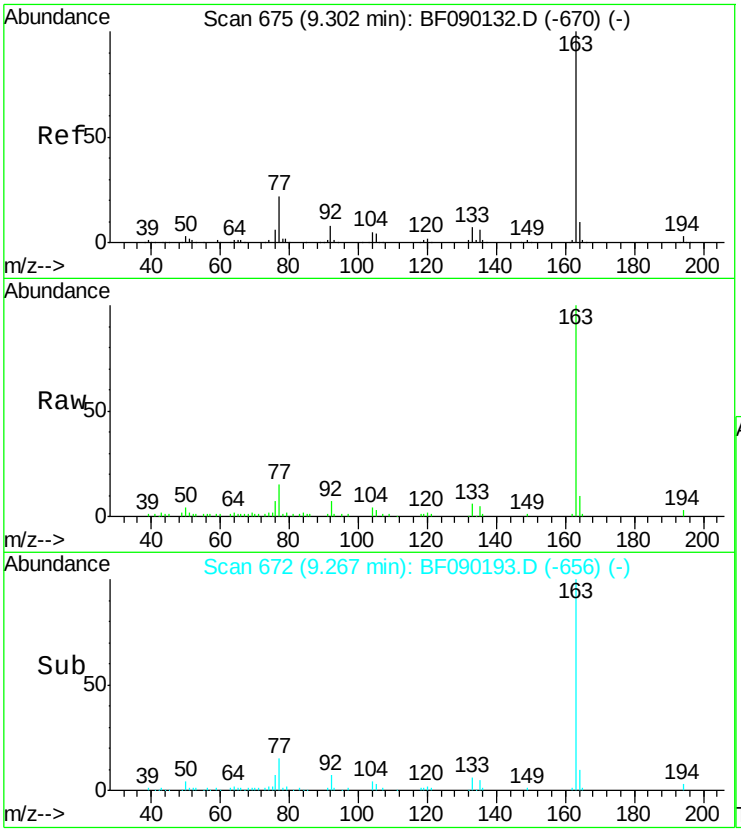


#44
2-Fluorobiphenyl
Concen: 18.09 ng
RT: 8.87 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:172 Resp: 206449

Ion	Ratio	Lower	Upper
172	100		
171	34.0	29.2	43.8
170	23.5	19.8	29.8



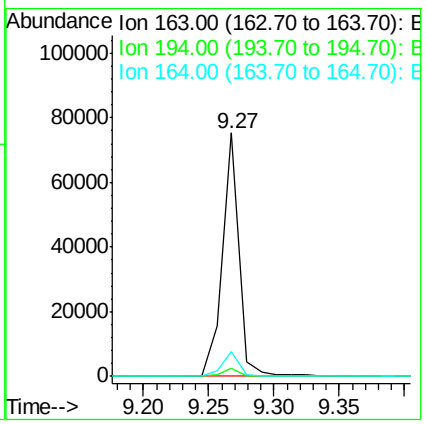


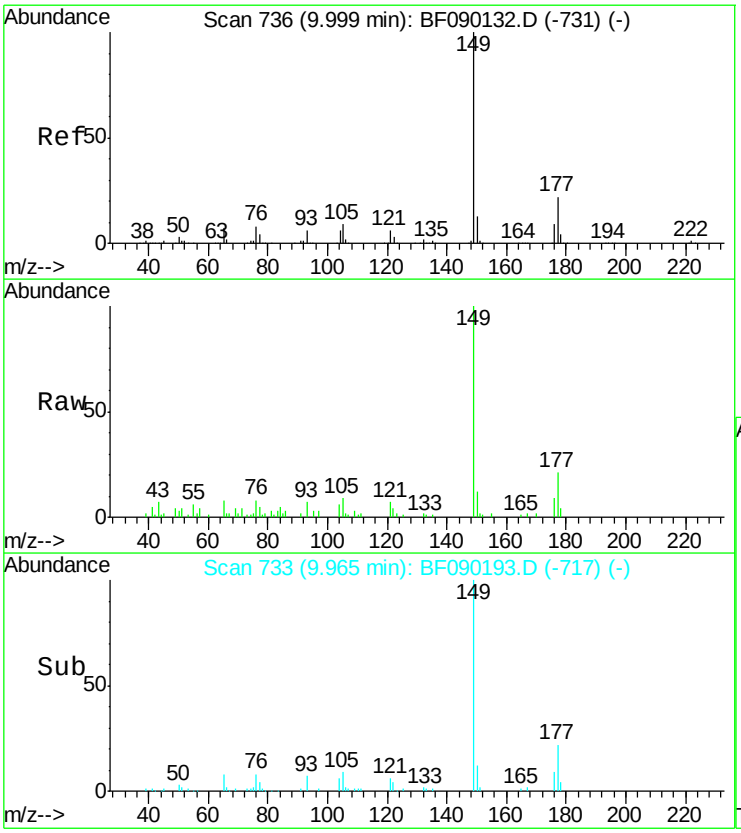
#49
Dimethylphthalate
Concen: 4.72 ng
RT: 9.27 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:163 Resp: 67302

Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.8	4.2
164	10.0	8.1	12.1

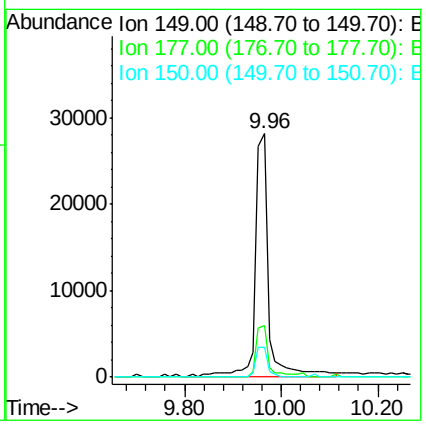


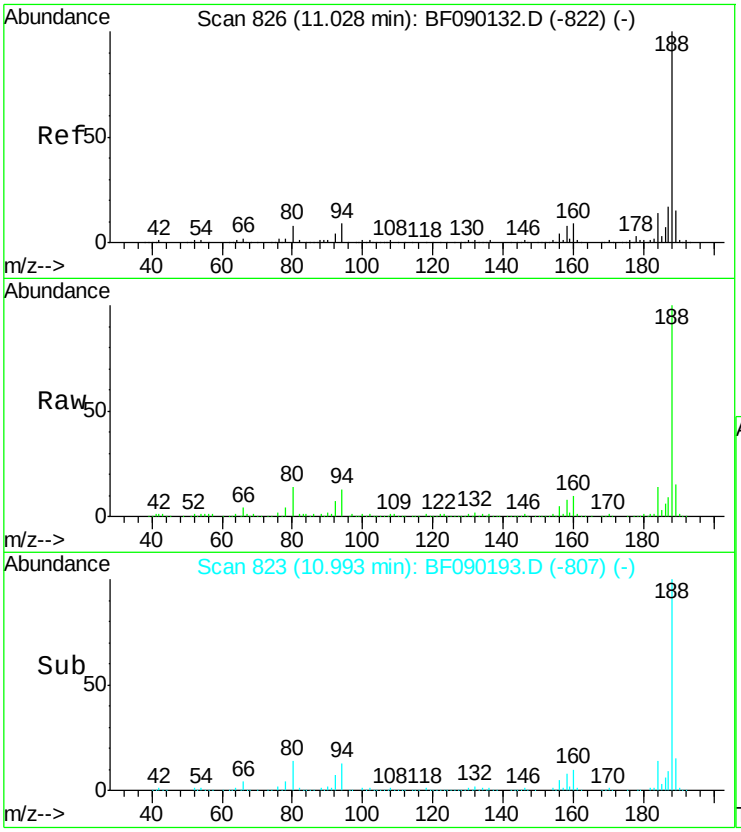


#59
Diethylphthalate
Concen: 3.87 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:149 Resp: 53361

Ion	Ratio	Lower	Upper
149	100		
177	21.4	15.8	23.6
150	12.1	10.4	15.6



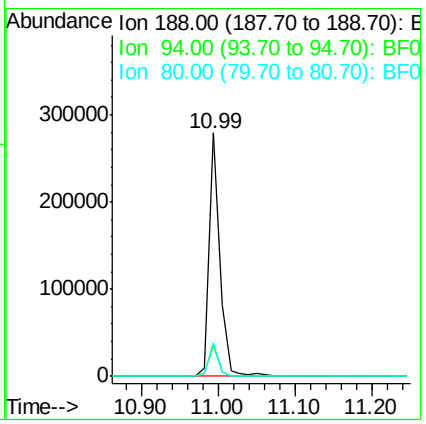


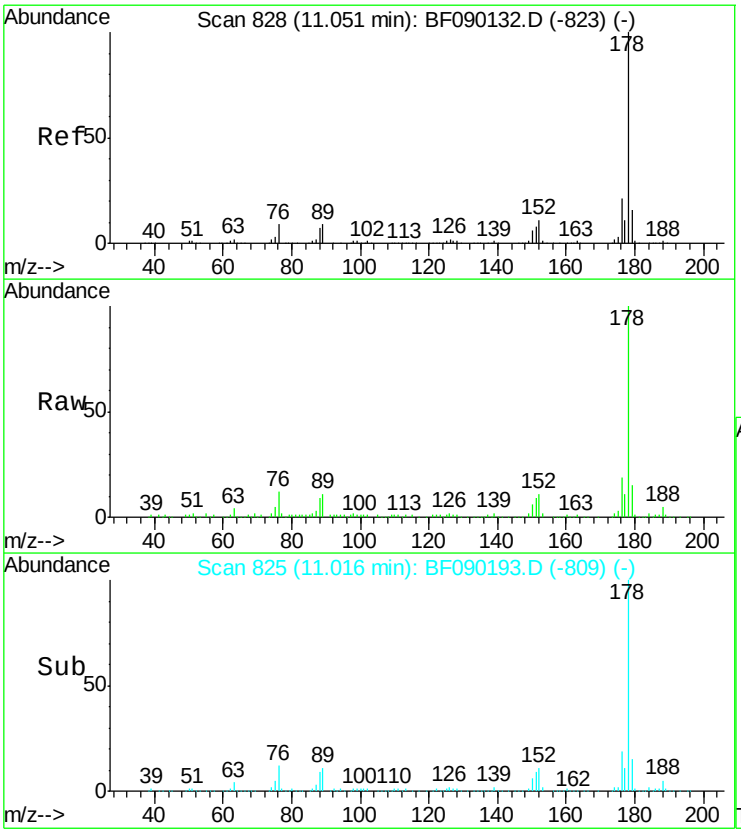
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:188 Resp: 269700

Ion	Ratio	Lower	Upper
188	100		
94	12.9	10.5	15.7
80	13.8	11.2	16.8

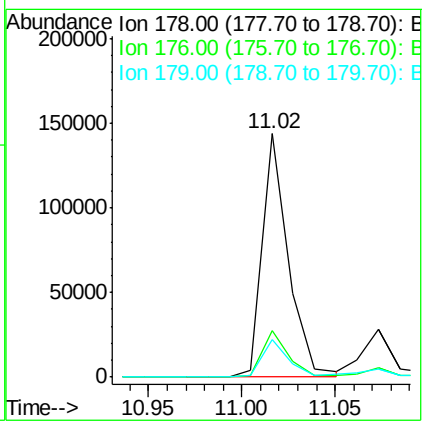


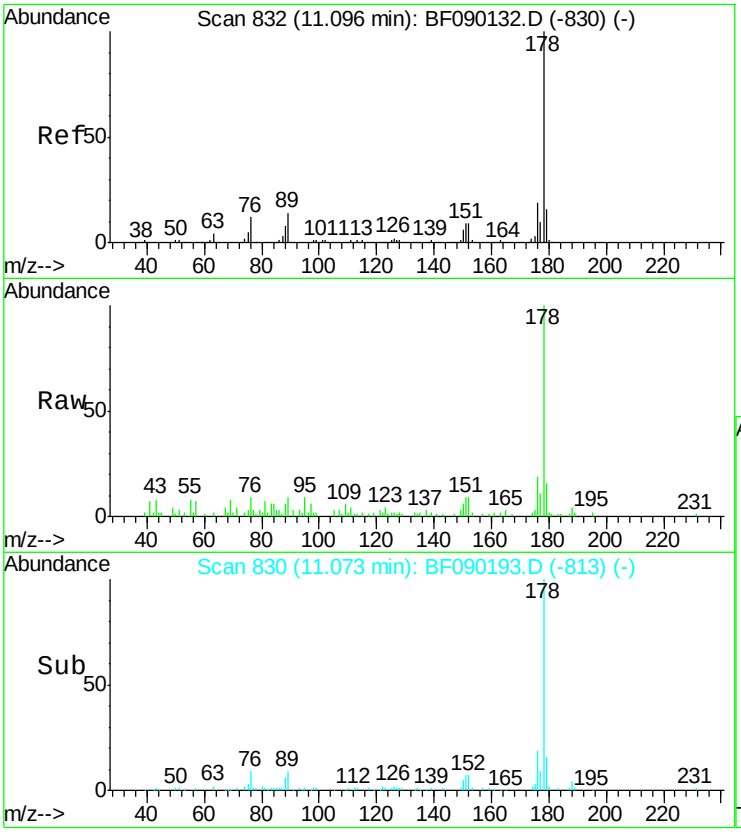


#70
Phenanthrene
Concen: 11.21 ng
RT: 11.02 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:178 Resp: 141433

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.9	23.9
179	15.5	12.9	19.3



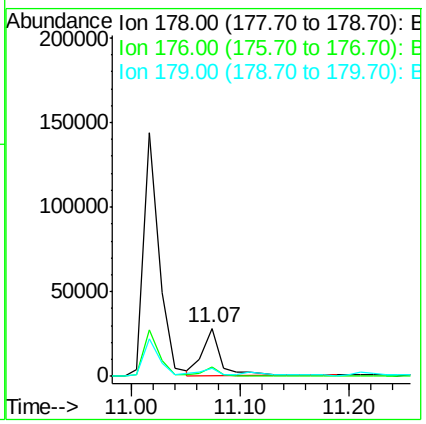


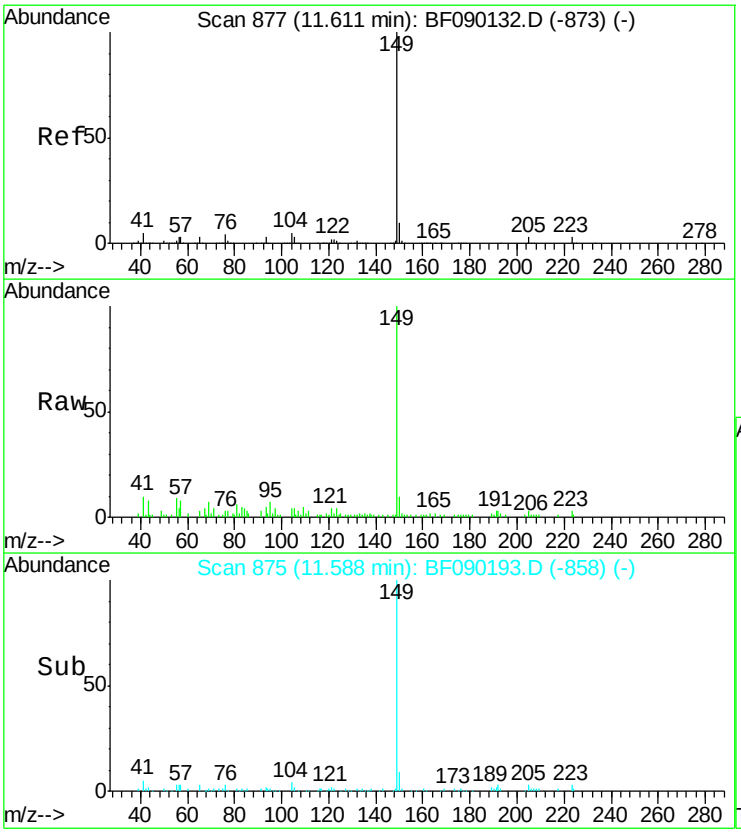
#71
Anthracene
Concen: 2.61 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:178 Resp: 34472

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	16.0	12.6	19.0

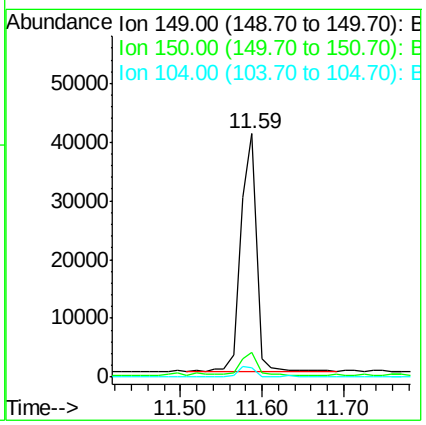


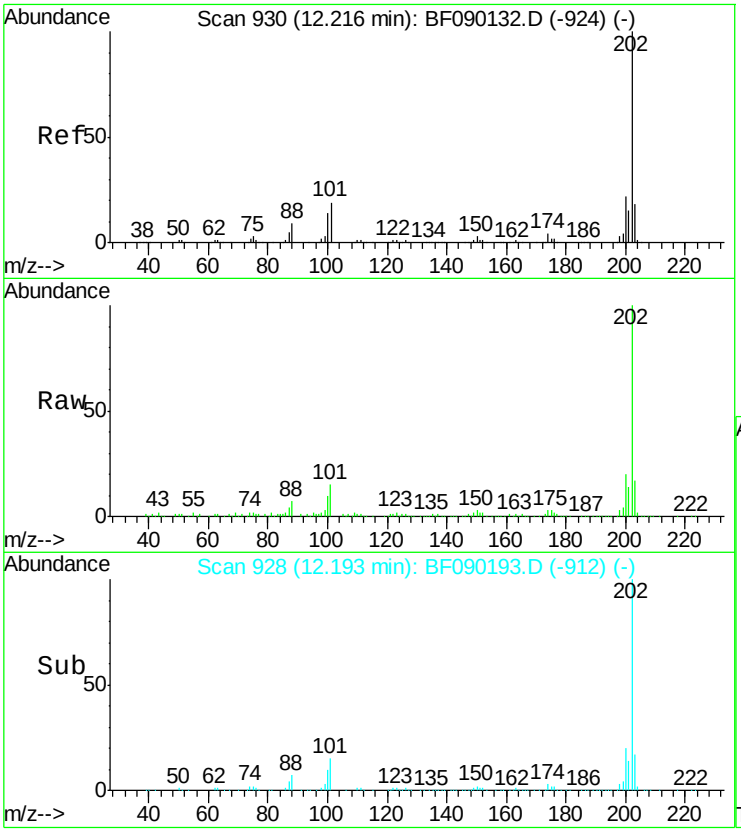


#73
Di-n-butylphthalate
Concen: 3.26 ng
RT: 11.59 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:149 Resp: 53028

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.8	11.8
104	3.8	3.9	5.9#



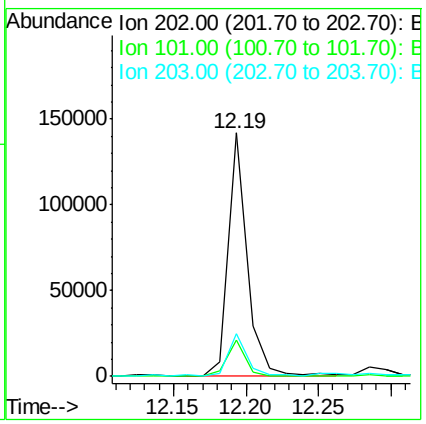


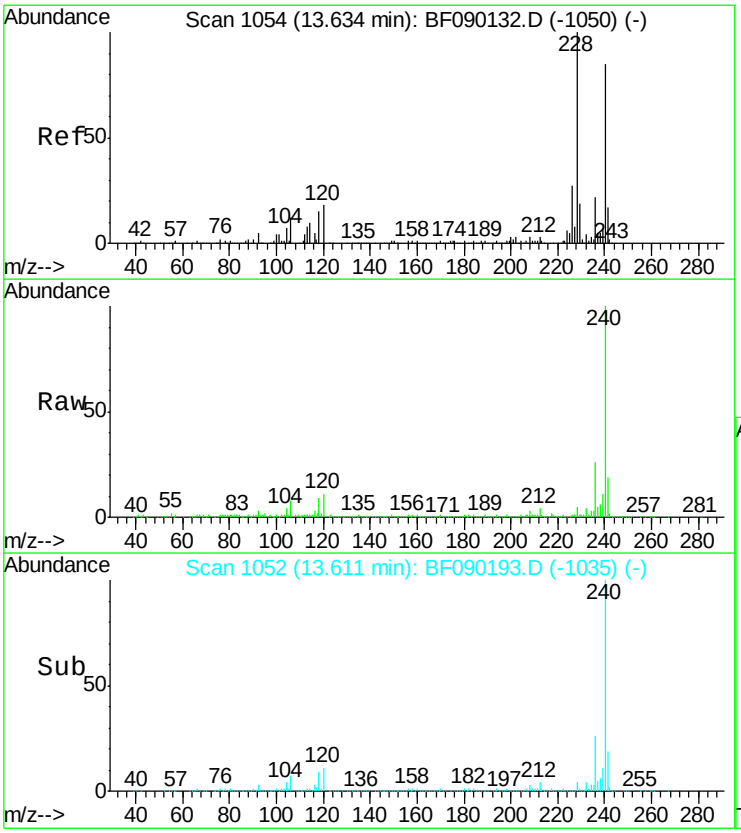
#74
Fluoranthene
Concen: 9.49 ng
RT: 12.19 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:202 Resp: 128500

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	36.1
203	17.4	0.0	38.2

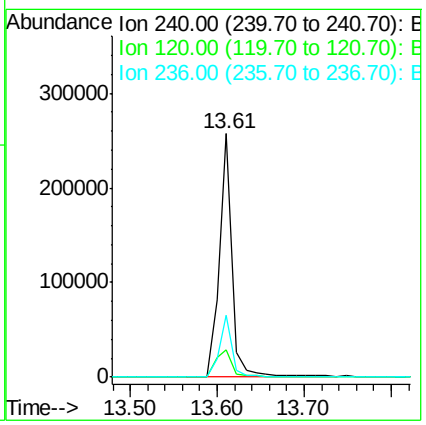


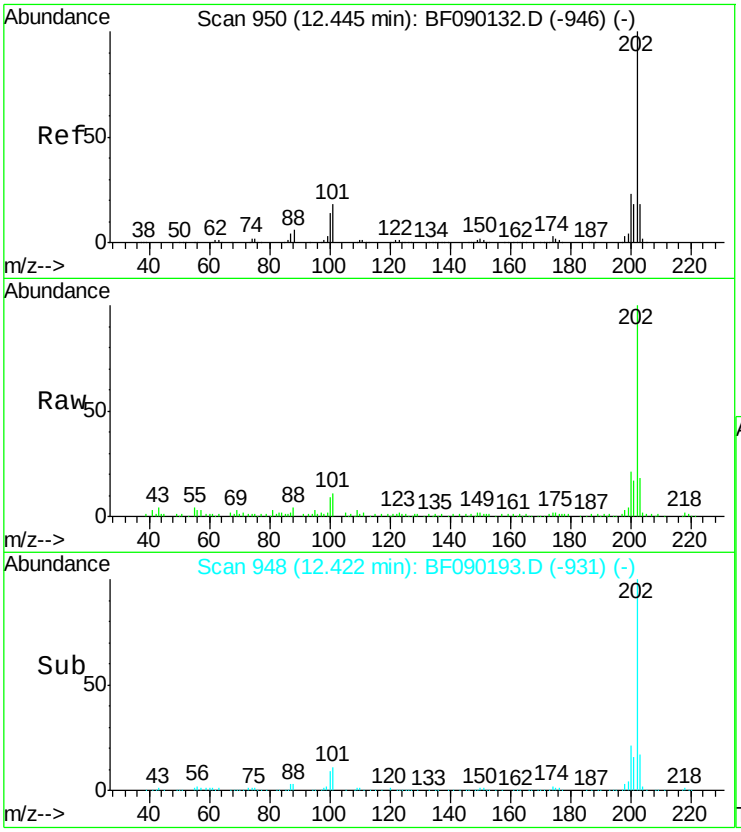


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.61 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:240 Resp: 268530

Ion	Ratio	Lower	Upper
240	100		
120	11.3	10.6	16.0
236	25.6	21.6	32.4



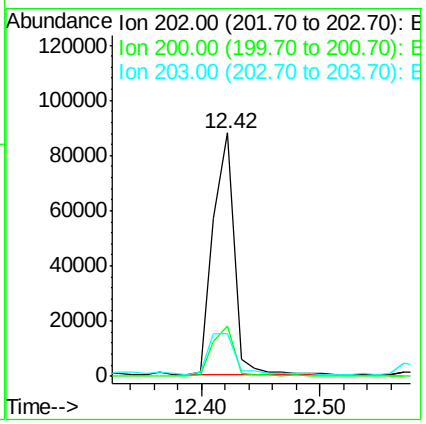


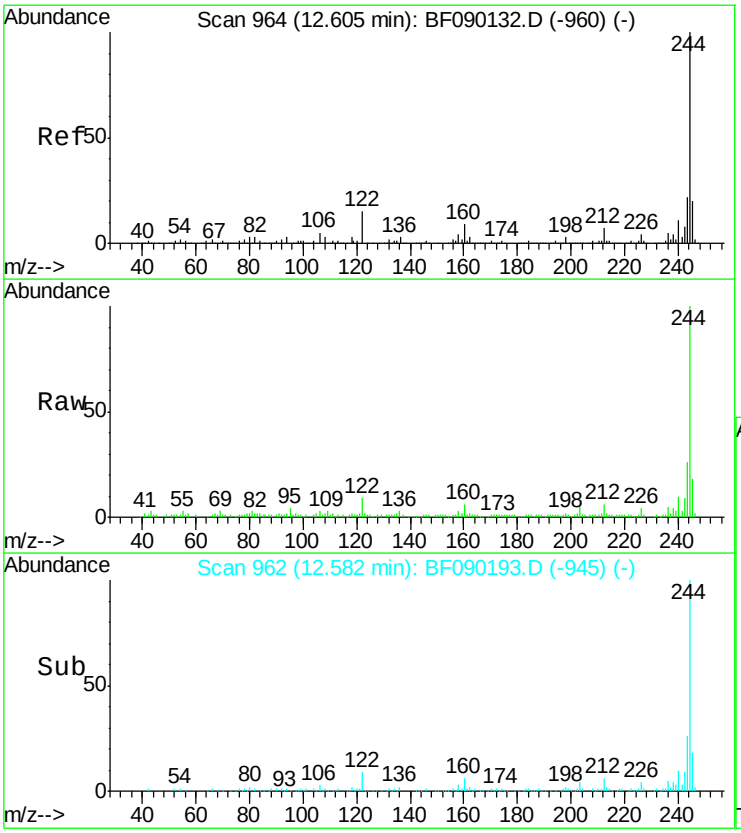
#77
Pyrene
Concen: 5.83 ng
RT: 12.42 min Scan# 948
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:202 Resp: 107139

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.9	26.9
203	17.5	14.2	21.4

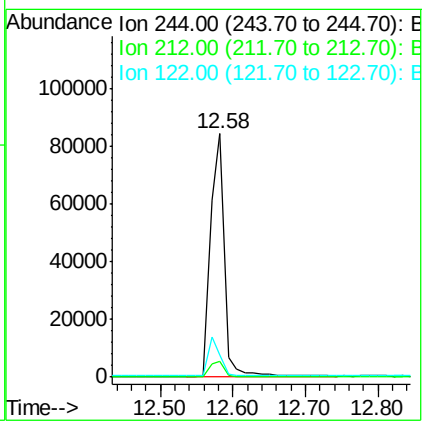


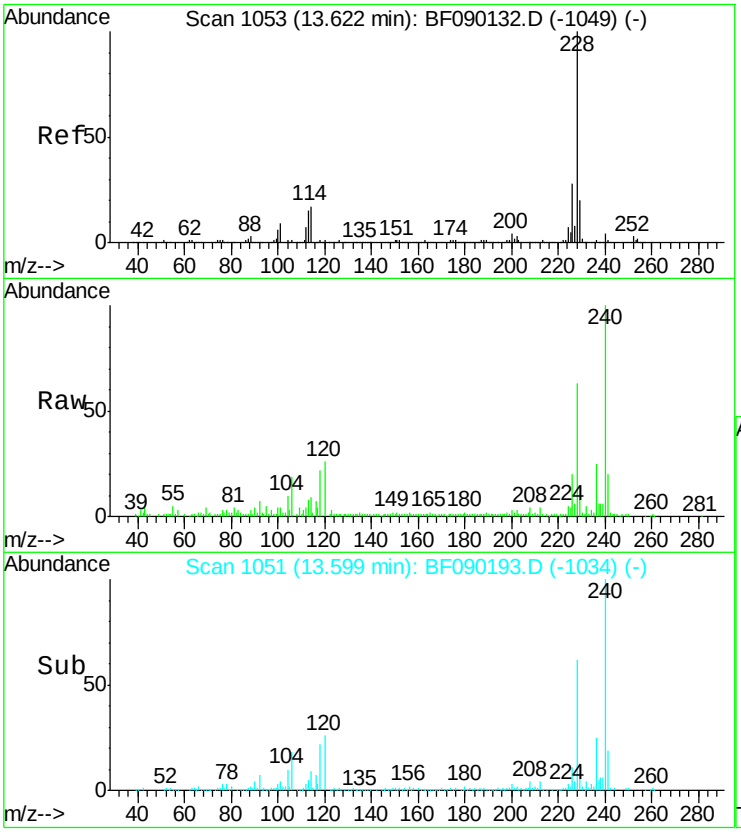


#78
Terphenyl-d14
Concen: 10.76 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:244 Resp: 113799

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.8	8.8
122	9.3	9.4	14.0#



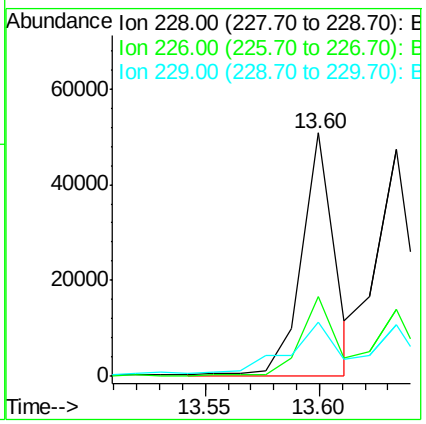


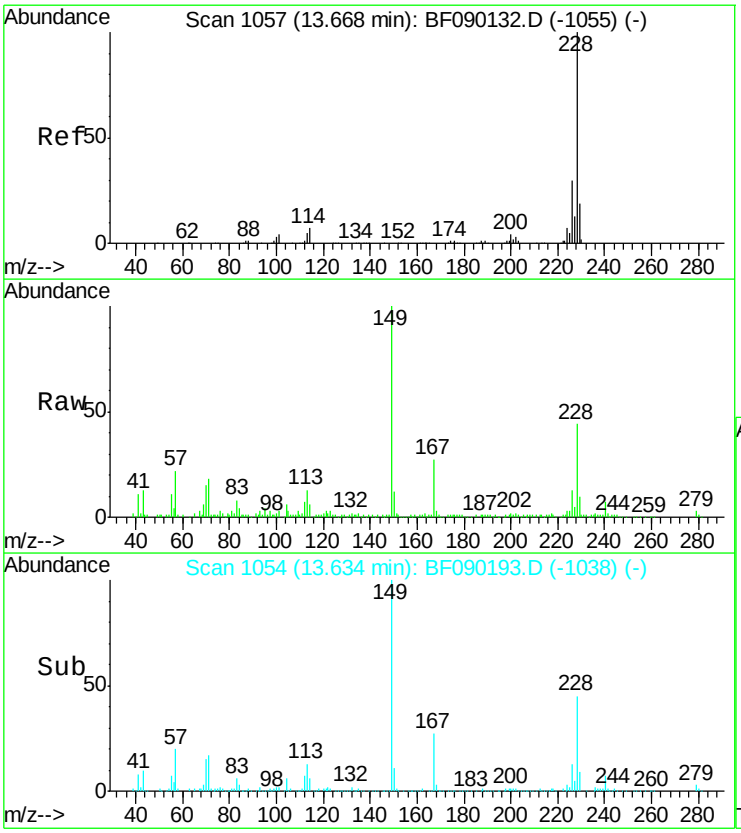
#80
Benzo(a)anthracene
Concen: 3.55 ng m
RT: 13.60 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:228 Resp: 51290

Ion	Ratio	Lower	Upper
228	100		
226	32.6	22.0	33.0
229	22.2	16.2	24.2

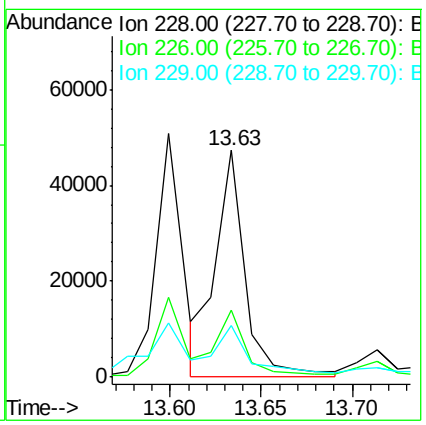


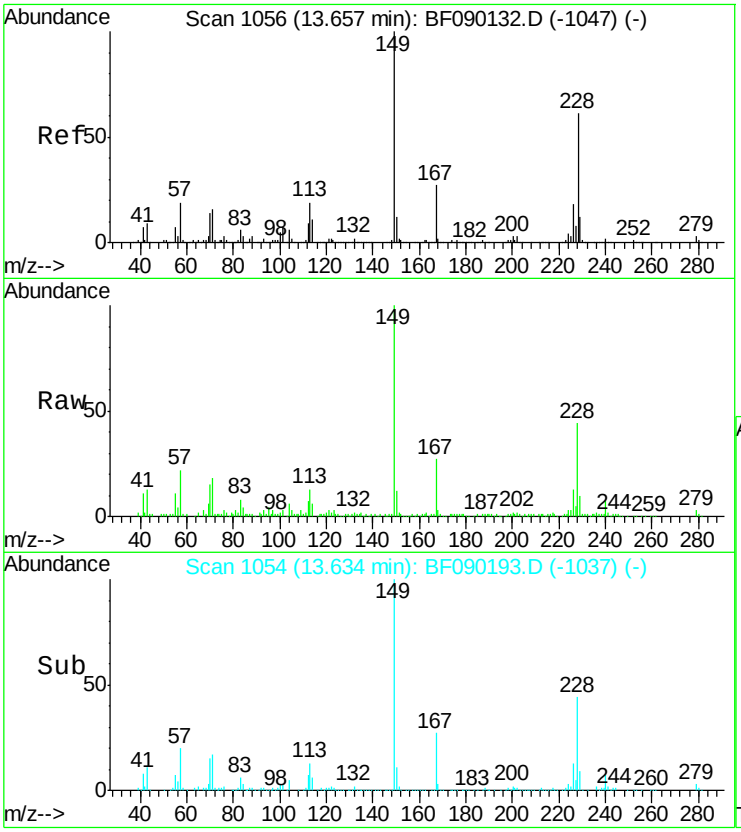


#82
Chrysene
Concen: 3.87 ng m
RT: 13.63 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:228 Resp: 54454

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.6	37.0
229	22.7	16.2	24.4



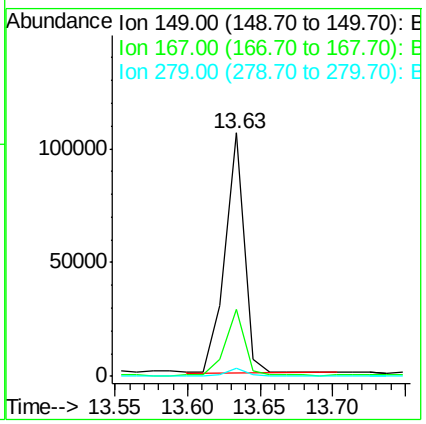


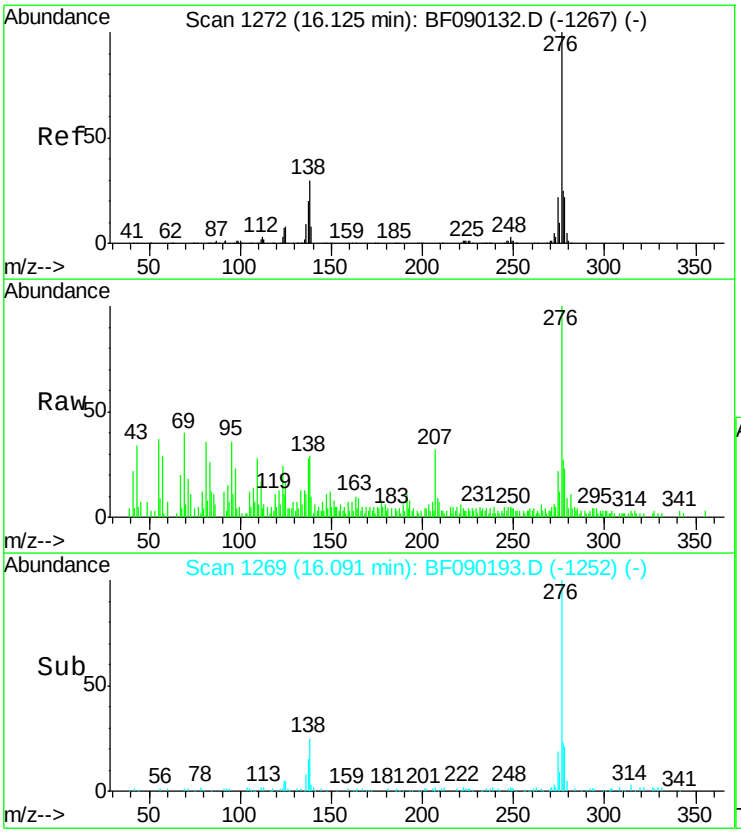
#83
Bis(2-ethylhexyl)phthalate
Concen: 8.53 ng
RT: 13.63 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:149 Resp: 98169

Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.2	31.8
279	3.4	2.2	3.2#

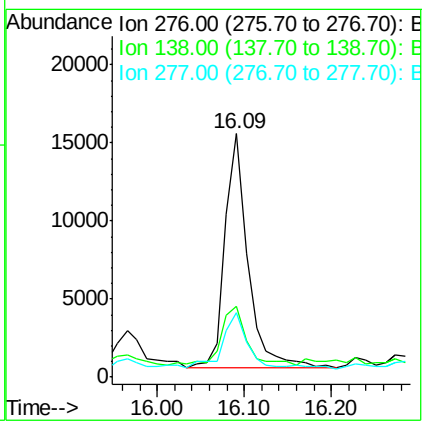


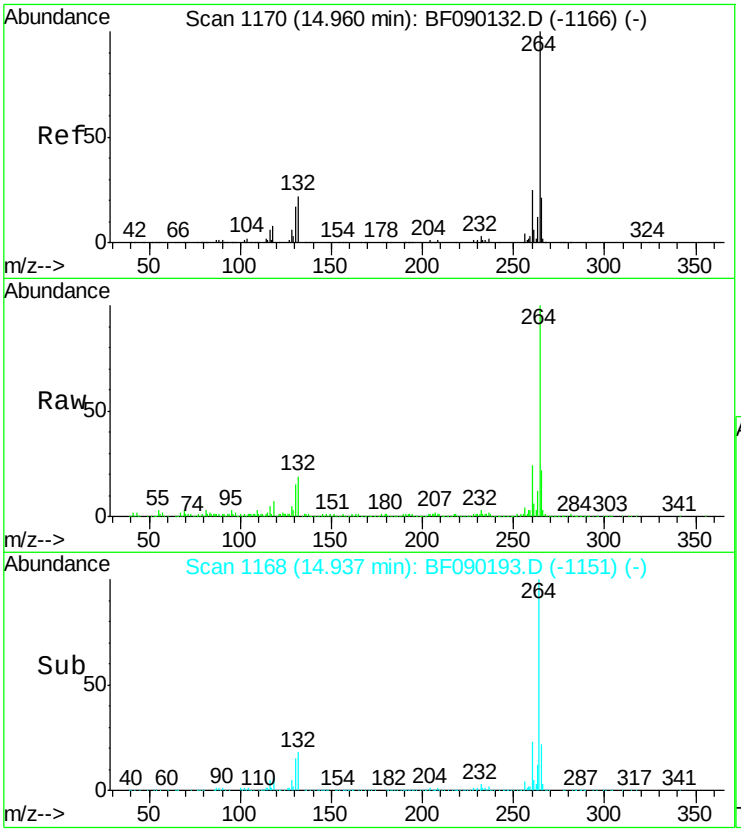


#85
Indeno(1,2,3-cd)pyrene
Concen: 2.40 ng
RT: 16.09 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:276 Resp: 27330

Ion	Ratio	Lower	Upper
276	100		
138	27.5	25.9	38.9
277	24.7	19.9	29.9



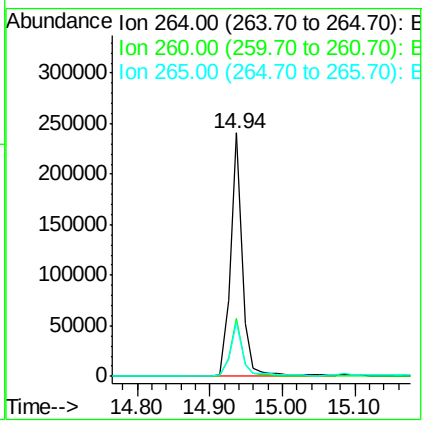


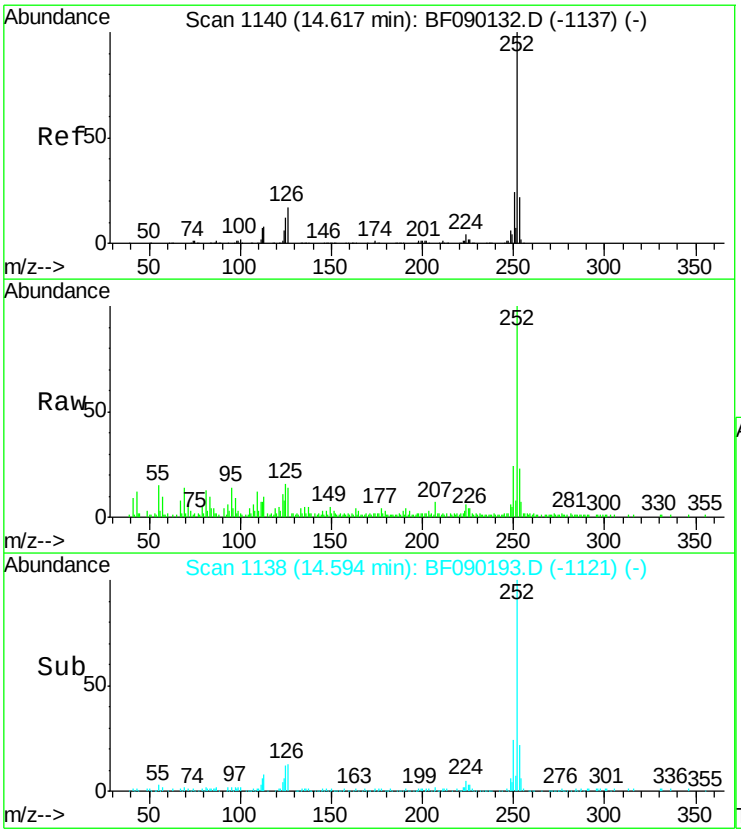
#86
Perylene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:264 Resp: 274570

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.1	17.0	25.4

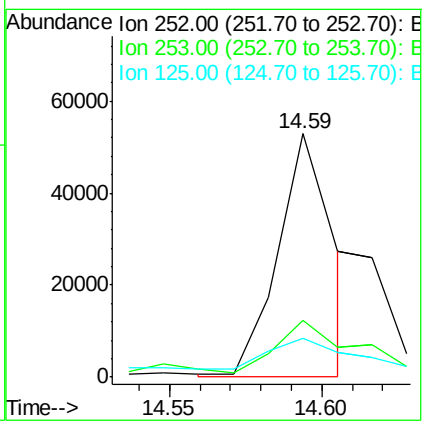


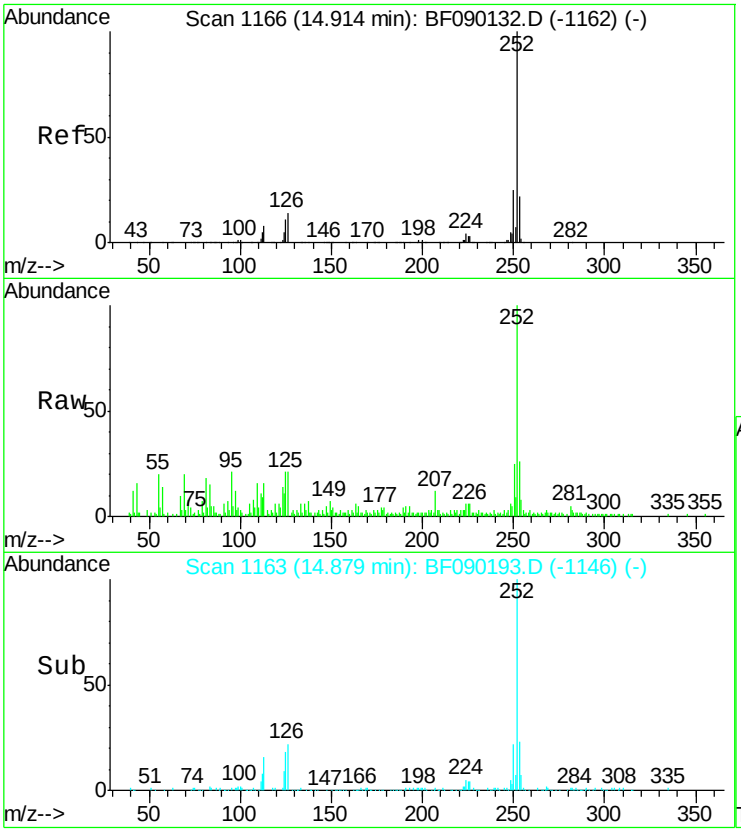


#87
Benzo(b)fluoranthene
Concen: 4.43 ng m
RT: 14.59 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:252 Resp: 67330

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	15.8	12.7	19.1



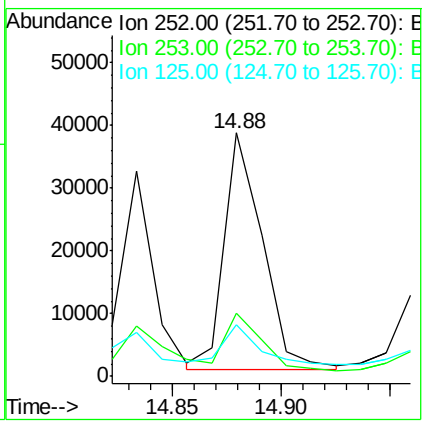


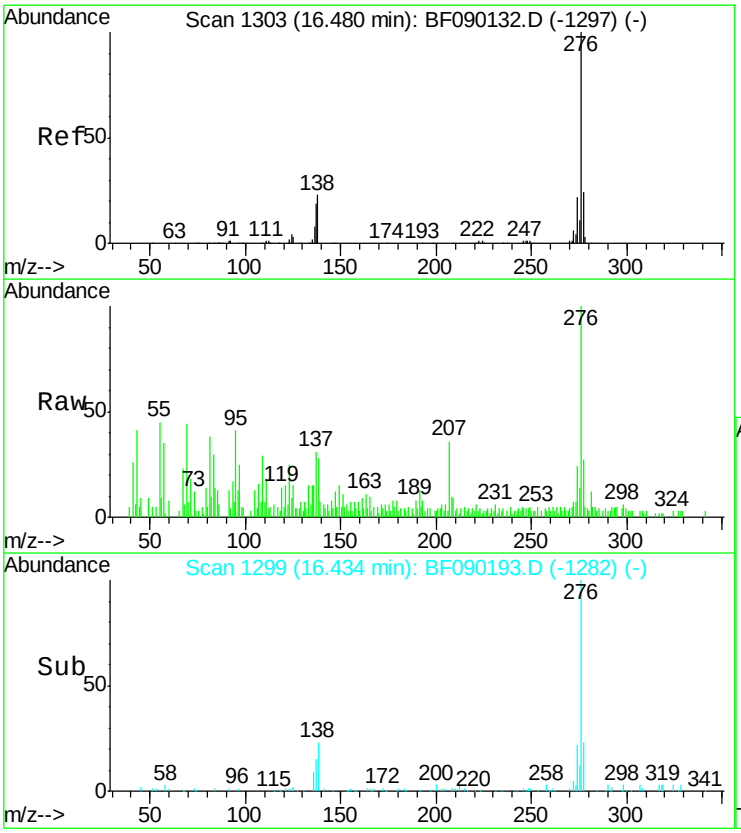
#89
Benzo(a)pyrene
Concen: 3.22 ng
RT: 14.88 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SS-2

Tgt Ion:252 Resp: 45998

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.4	26.0
125	21.0	7.7	11.5#





#91
Benzo(g,h,i)perylene
Concen: 2.22 ng
RT: 16.43 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF090193.D
Acq: 22 Sep 2016 18:09

Tgt Ion:276 Resp: 24205

Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.9	28.3
138	27.8	23.3	34.9