Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021617\
Data File : BF093002.D
Acq On : 17 Feb 2017 1:00
Operator : SJ/MA
Sample : I1875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : POSTEX-30-20170215

Quant Time: Feb 17 03:52:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 23:55:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	138855	20.00	ng		0.01
21) Naphthalene-d8	8.14	136	482360	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	237447	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	352553	20.00	ng		0.00
75) Chrysene-d12	14.02	240	307891	20.00	ng		0.00
86) Perylene-d12	15.45	264	250594	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1224231	151.26	ng		0.02
7) Phenol-d6	6.51	99	1450654	139.30	ng		0.01
23) Nitrobenzene-d5	7.42	82	650507	75.10	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	148356	86.39	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1543471	117.76	ng		0.01
78) Terphenyl-d14	12.97	244	1035499	79.02	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.52	94	31227	2.56	ng	#	73
49) Dimethylphthalate	9.62	163	358629	22.42	ng		99
70) Phenanthrene	11.40	178	196723	9.74	ng		97
71) Anthracene	11.46	178	48659	2.40	ng		97
74) Fluoranthene	12.59	202	291536	13.99	ng		98
77) Pyrene	12.82	202	287020	12.46	ng		98
80) Benzo(a)anthracene	14.01	228	132661m	7.04	ng		
82) Chrysene	14.04	228	130065m	7.38	ng		
85) Indeno(1,2,3-cd)pyrene	16.85	276	64714	4.74	ng		97
87) Benzo(b)fluoranthene	15.04	252	170801m	10.36	ng		
88) Benzo(k)fluoranthene	15.06	252	28582m	2.01	ng		
89) Benzo(a)pyrene	15.39	252	102457	7.18	ng	#	89
91) Benzo(g,h,i)perylene	17.28	276	59722	5.13	ng	#	81

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

Quantitation Report (LSC Reviewed)

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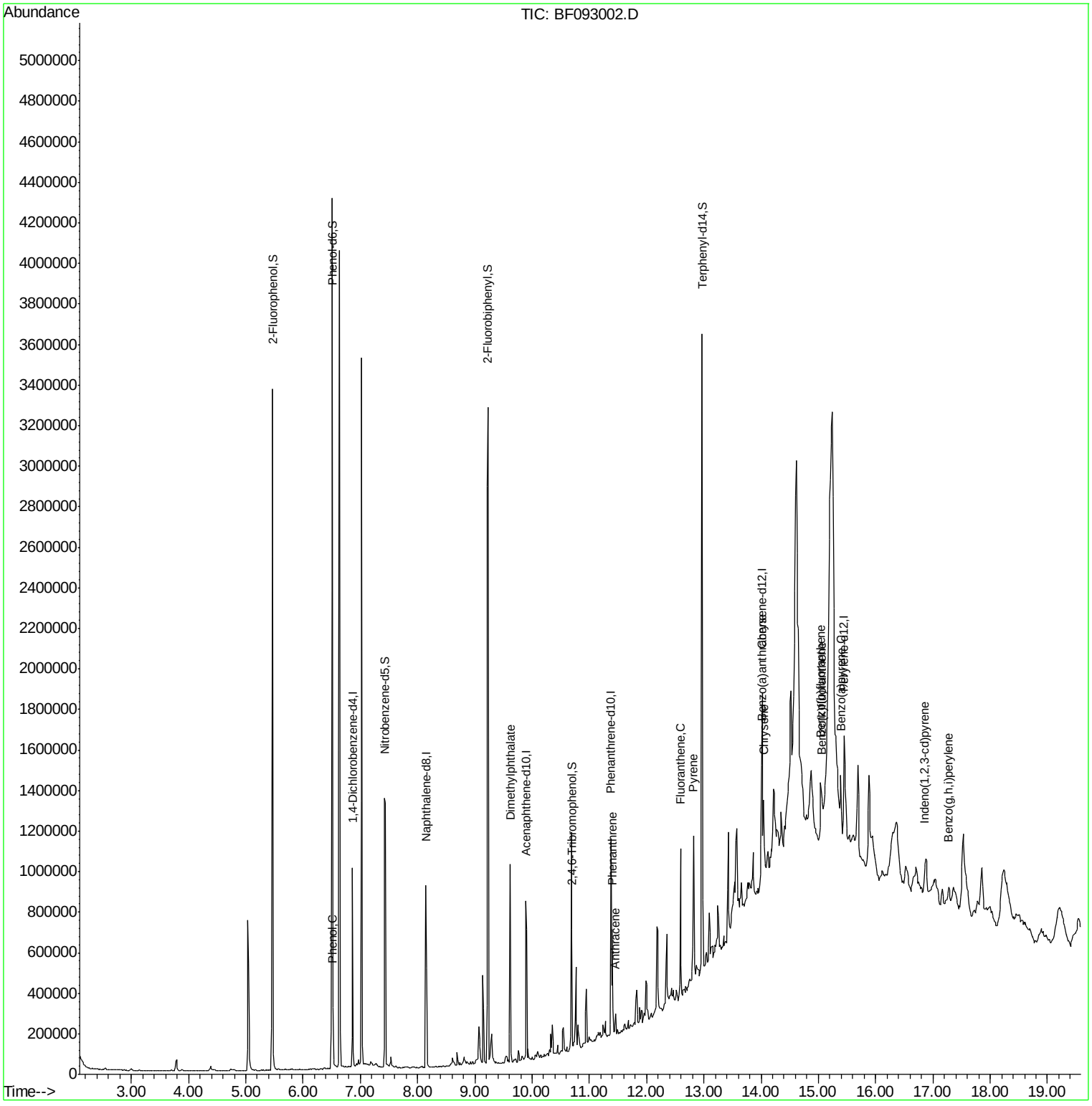
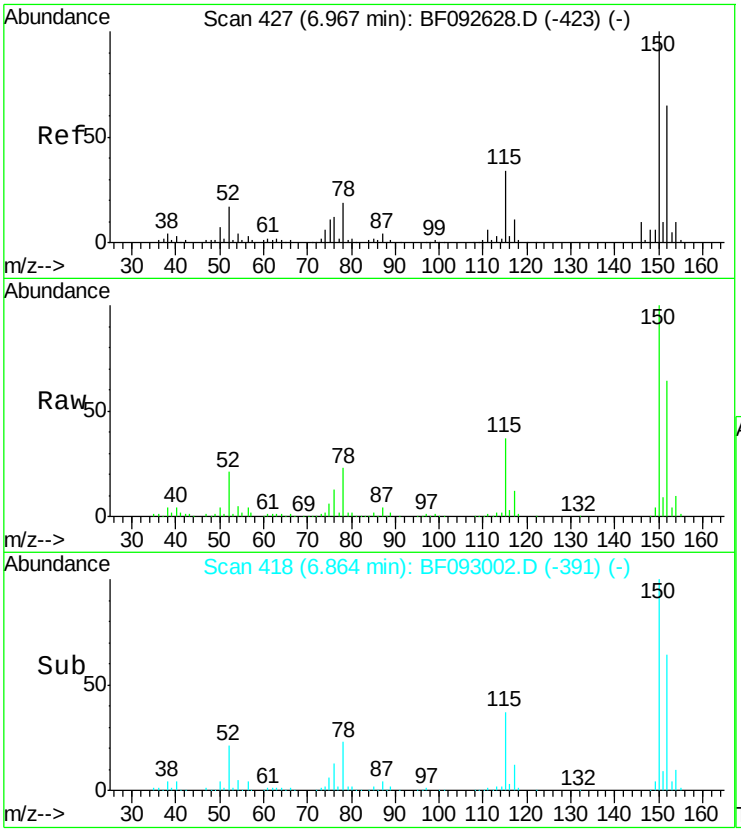
Acq On : 17 Feb 2017 1:00
Operator : SJ/MA
Sample : I1875-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Quant Time: Feb 17 03:52:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 16 23:55:37 2017
Response via : Initial Calibration



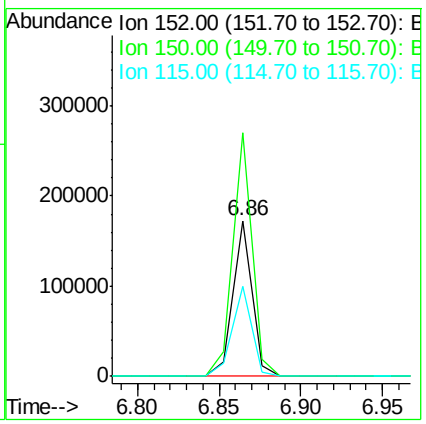


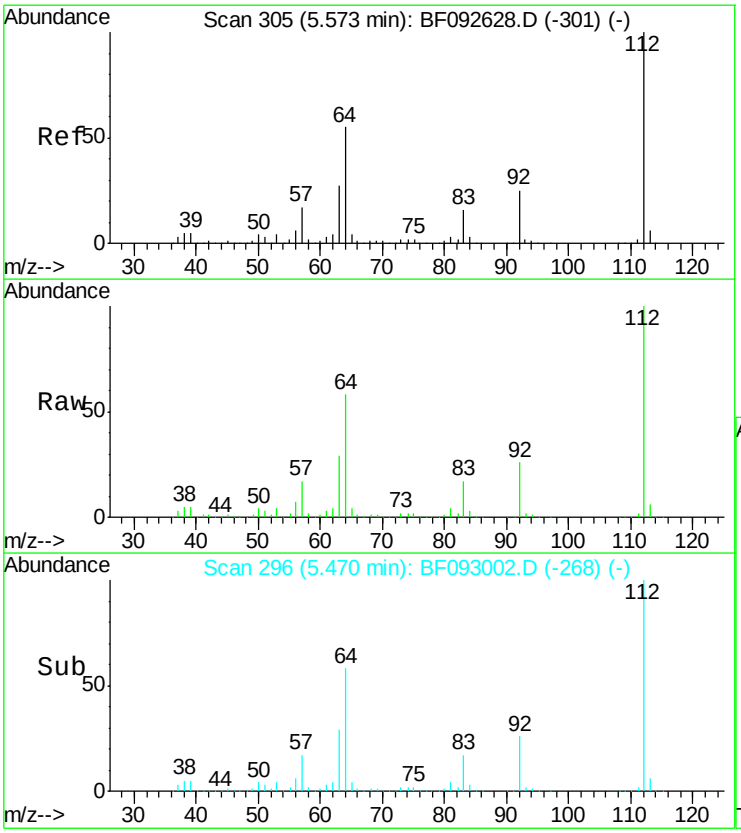
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.01 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:152 Resp: 138855

Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.9	187.3
115	58.1	46.0	69.0

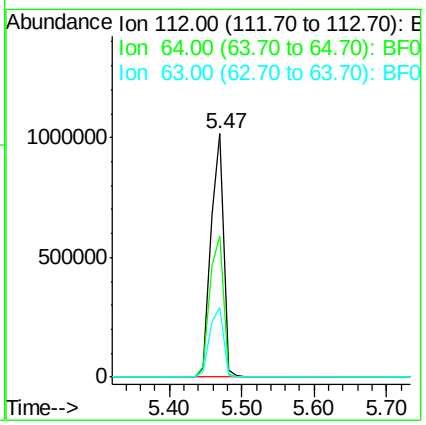


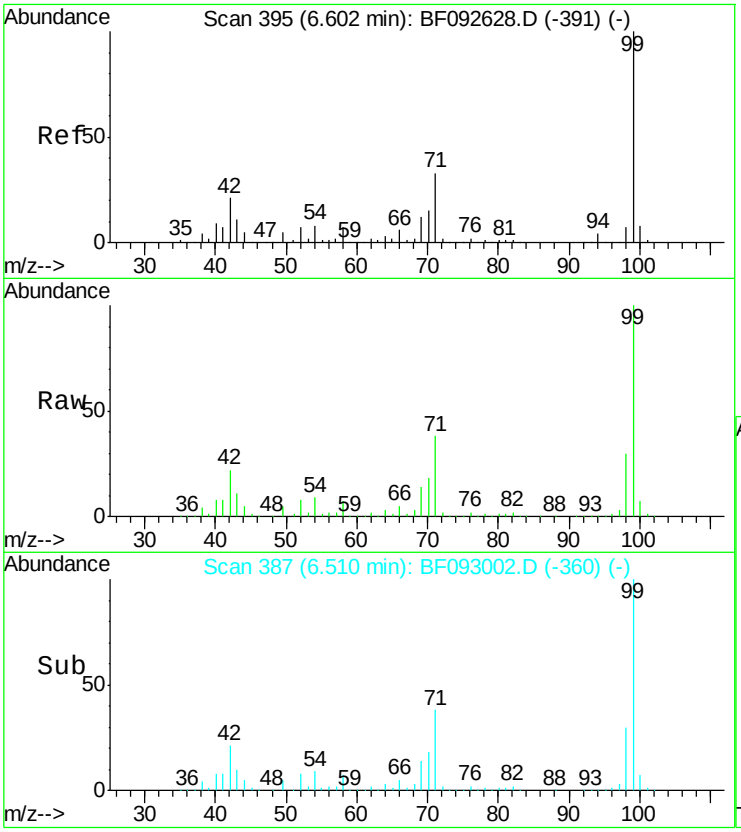


#5
2-Fluorophenol
Concen: 151.26 ng
RT: 5.47 min Scan# 296
Delta R.T. 0.02 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion:112 Resp: 1224231

Ion	Ratio	Lower	Upper
112	100		
64	57.9	46.1	69.1
63	28.7	23.8	35.6



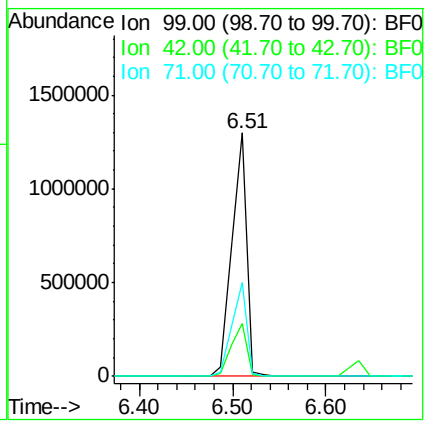


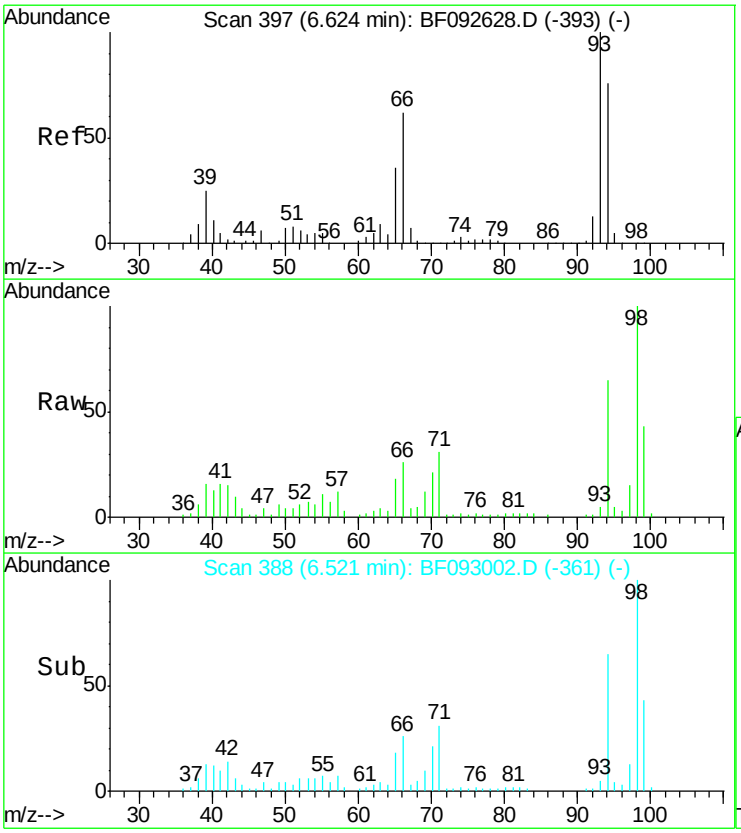
#7
Phenol-d6
Concen: 139.30 ng
RT: 6.51 min Scan# 387
Delta R.T. 0.01 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion: 99 Resp: 1450654

Ion	Ratio	Lower	Upper
99	100		
42	21.5	15.6	23.4
71	38.4	27.5	41.3

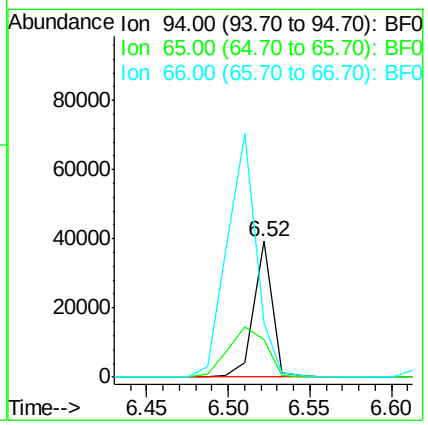


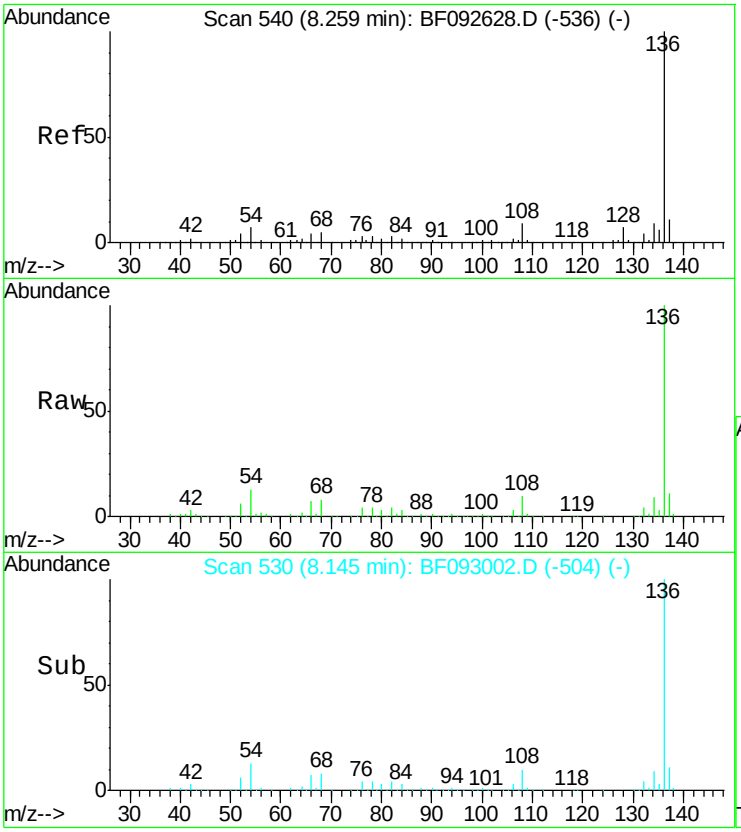


#10
Phenol
Concen: 2.56 ng
RT: 6.52 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion: 94 Resp: 31227

Ion	Ratio	Lower	Upper
94	100		
65	27.8	21.4	61.4
66	39.7	44.0	84.0#



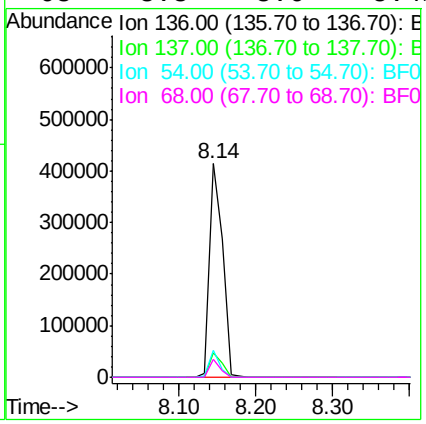


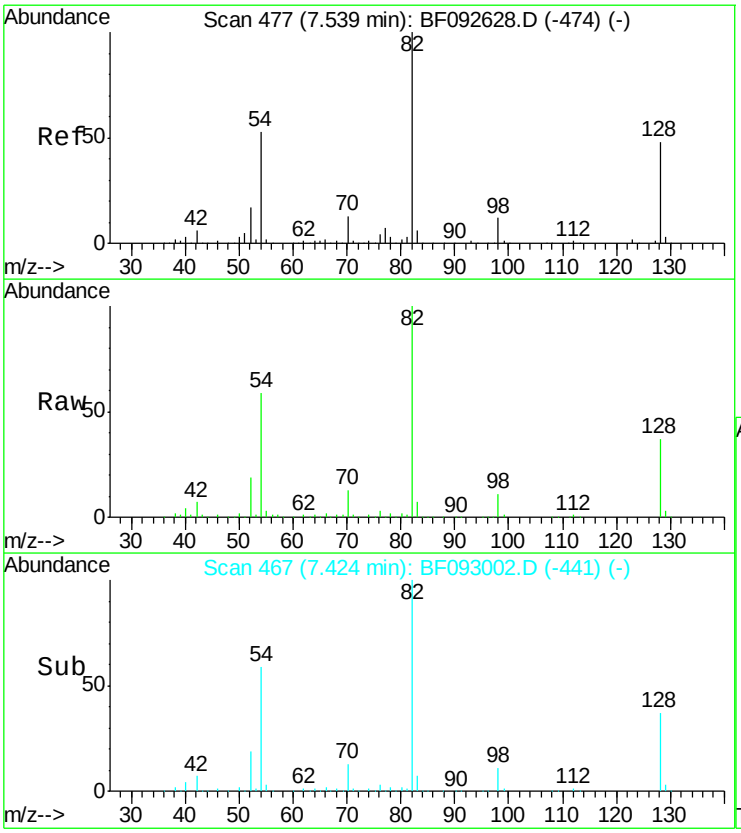
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:136 Resp: 482360

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	12.8	4.5	6.7#
68	8.3	3.6	5.4#

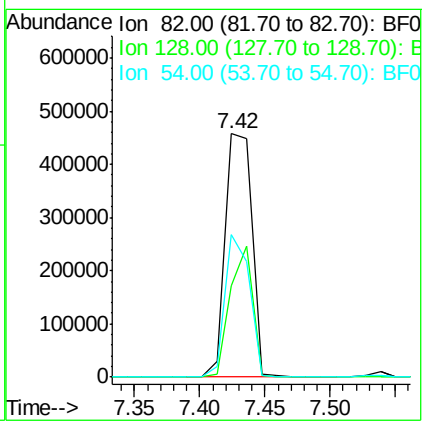


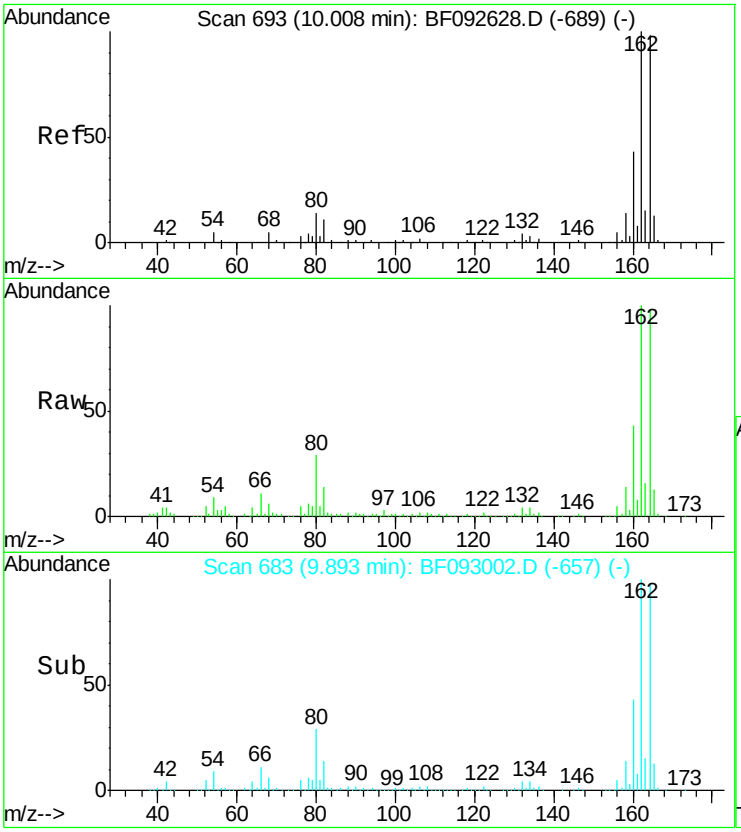


#23
Nitrobenzene-d5
Concen: 75.10 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion: 82 Resp: 650507

Ion	Ratio	Lower	Upper
82	100		
128	37.5	34.6	52.0
54	58.7	39.5	59.3



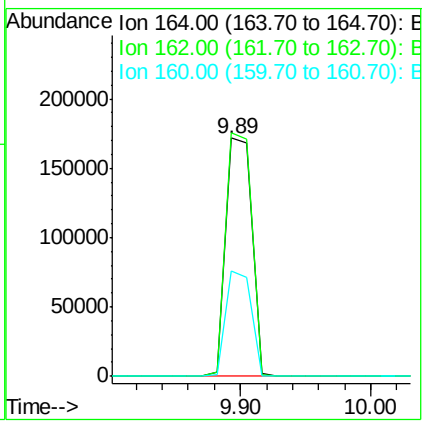


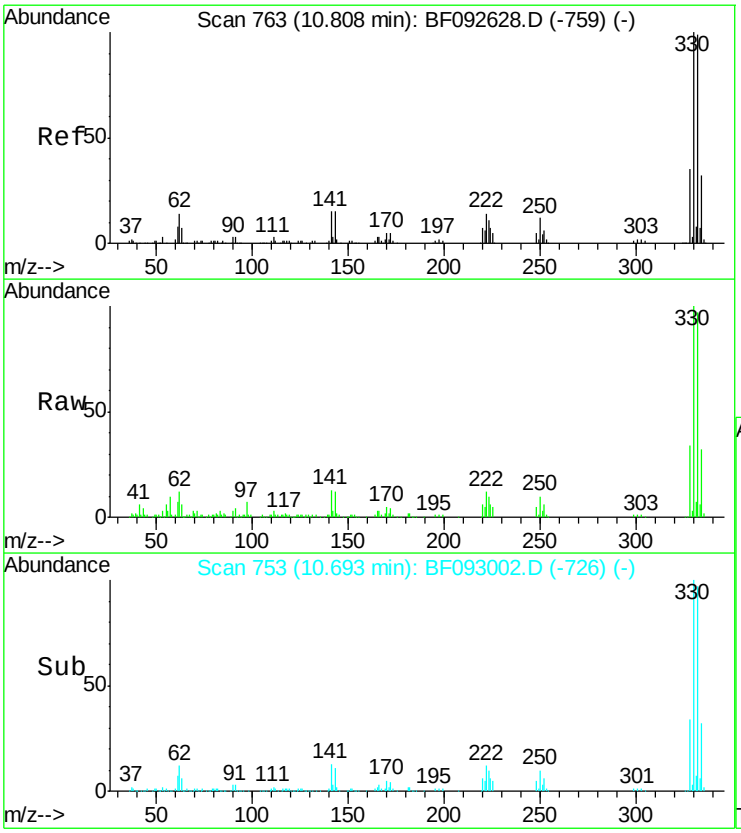
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:164 Resp: 237447

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.2	120.2
160	44.4	36.9	55.3

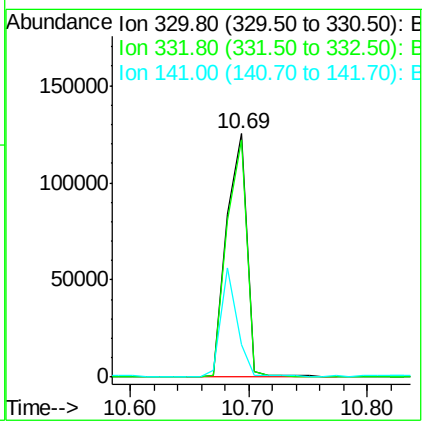


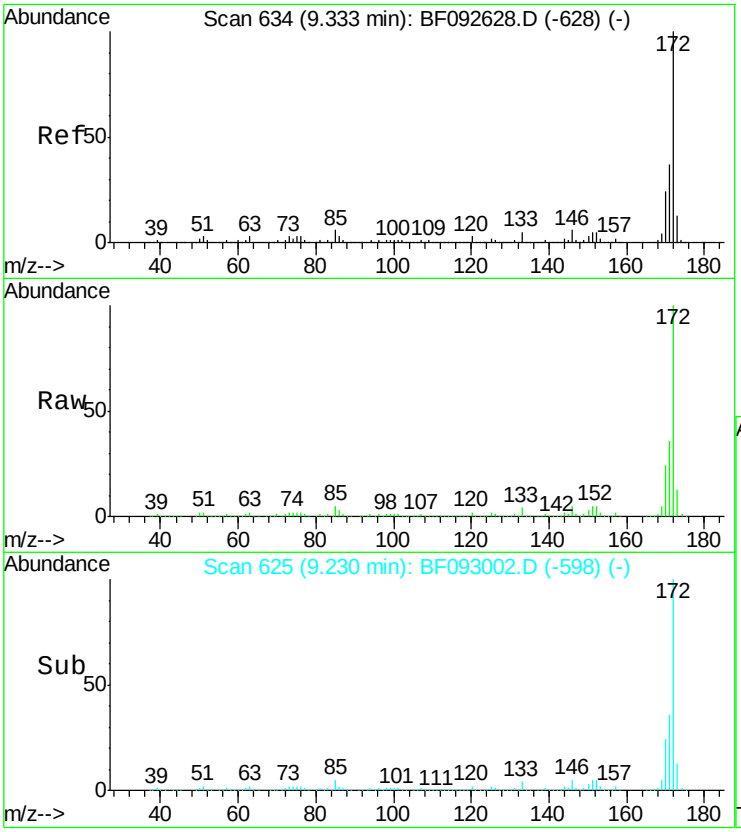


#41
2,4,6-Tribromophenol
Concen: 86.39 ng
RT: 10.69 min Scan# 753
Delta R.T. 0.01 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion:330 Resp: 148356

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	35.2	34.1	51.1



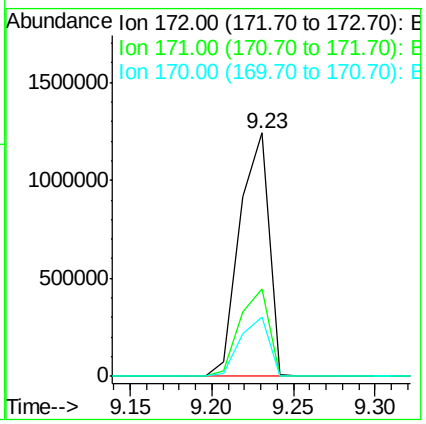


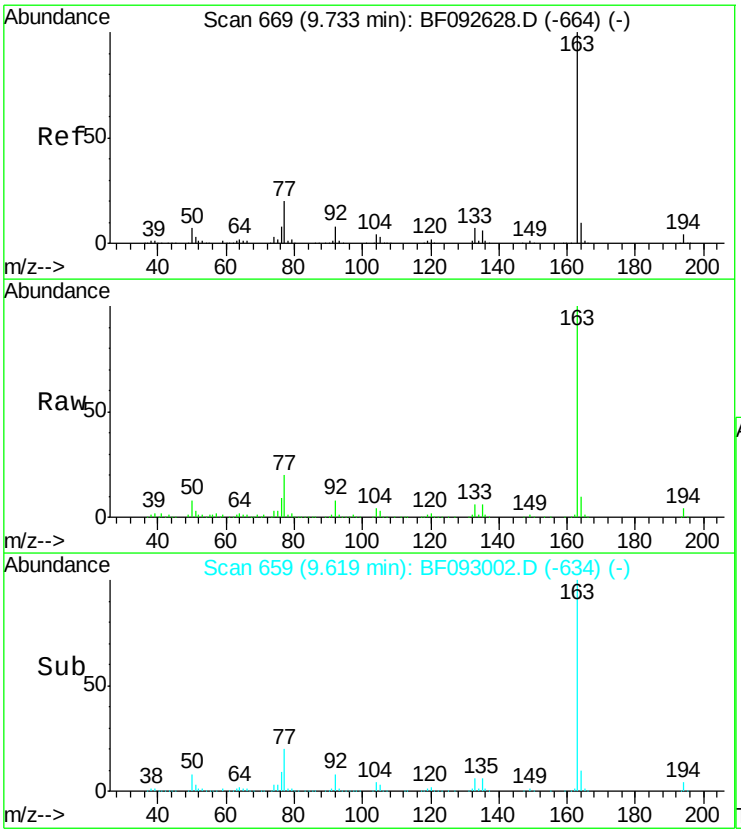
#44
2-Fluorobiphenyl
Concen: 117.76 ng
RT: 9.23 min Scan# 625
Delta R.T. 0.01 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:172 Resp: 1543471

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.3	20.2	30.4

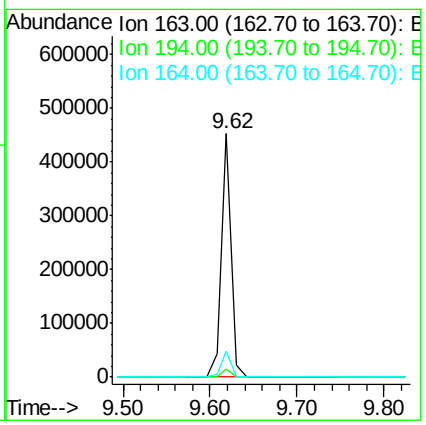


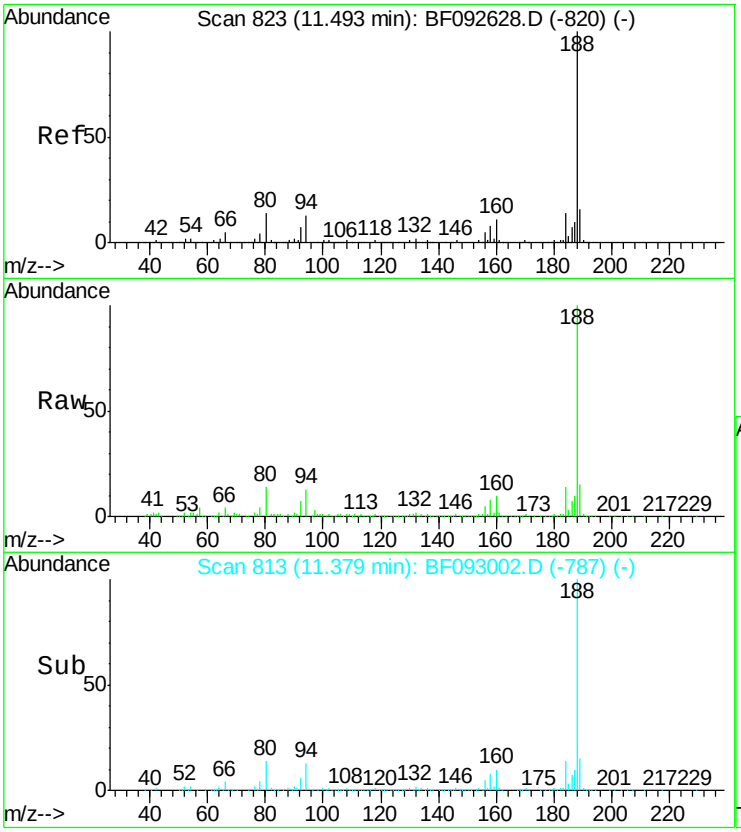


#49
Dimethylphthalate
Concen: 22.42 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion:163 Resp: 358629

Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.0	4.4
164	10.4	8.0	12.0



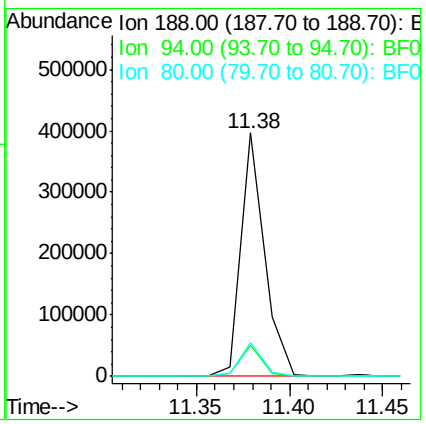


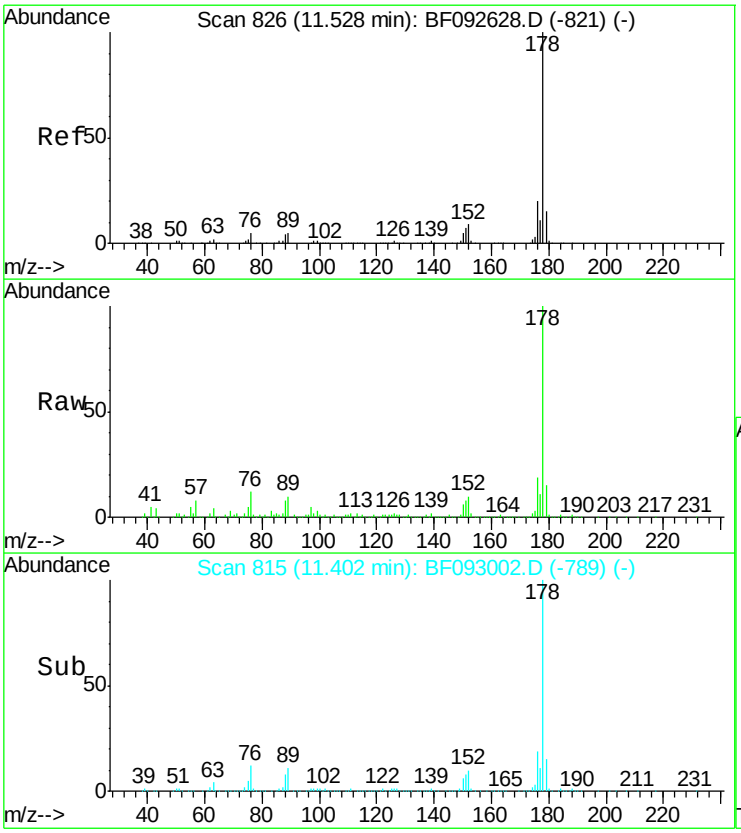
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:188 Resp: 352553

Ion	Ratio	Lower	Upper
188	100		
94	12.7	10.0	15.0
80	13.6	11.2	16.8

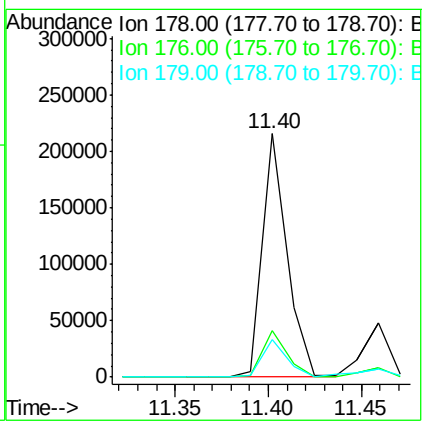


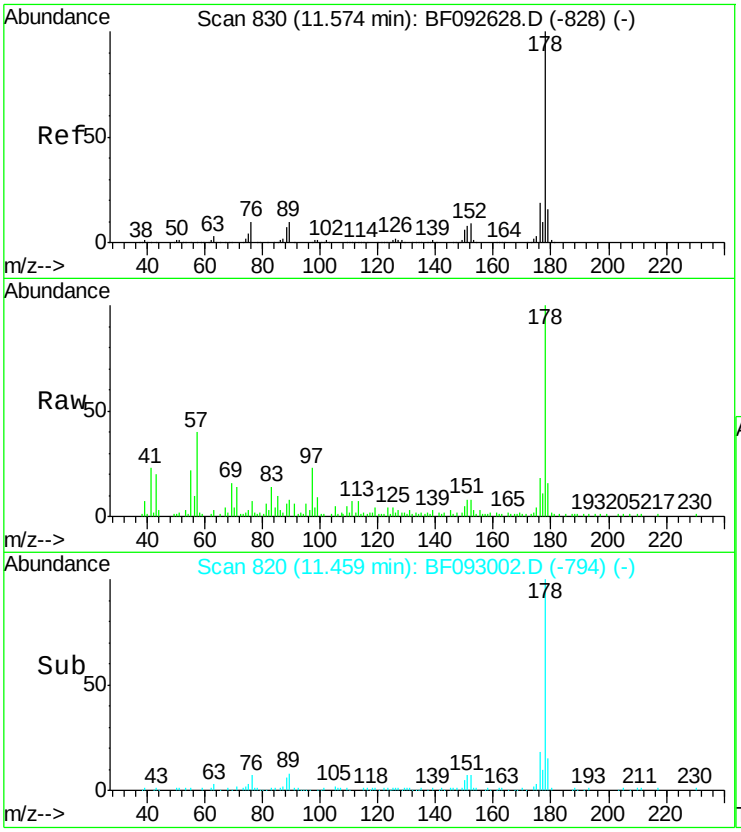


#70
Phenanthrene
Concen: 9.74 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion:178 Resp: 196723

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.6	25.0
179	15.3	12.8	19.2



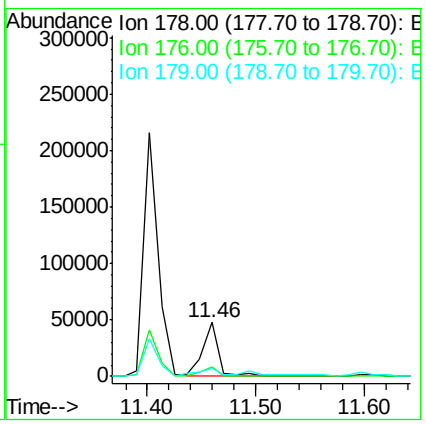


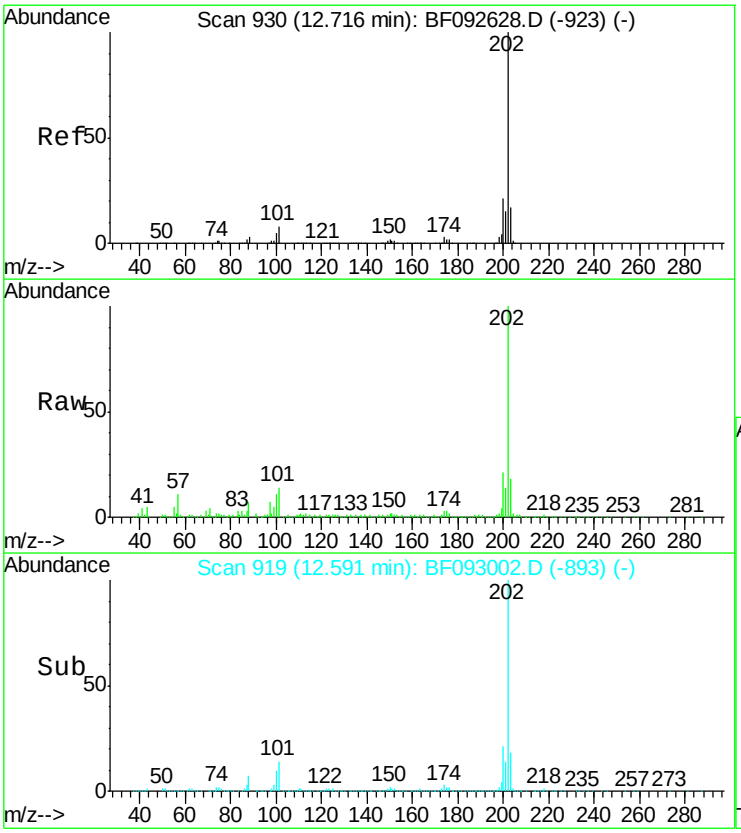
#71
Anthracene
Concen: 2.40 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:178 Resp: 48659

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	15.5	13.2	19.8

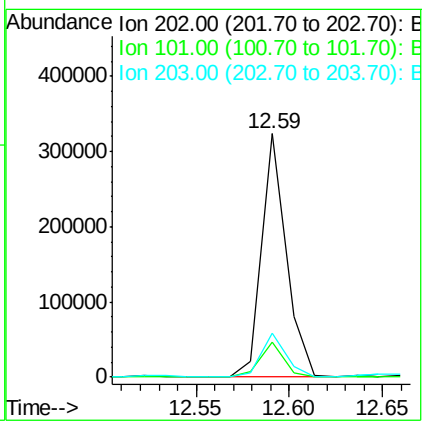


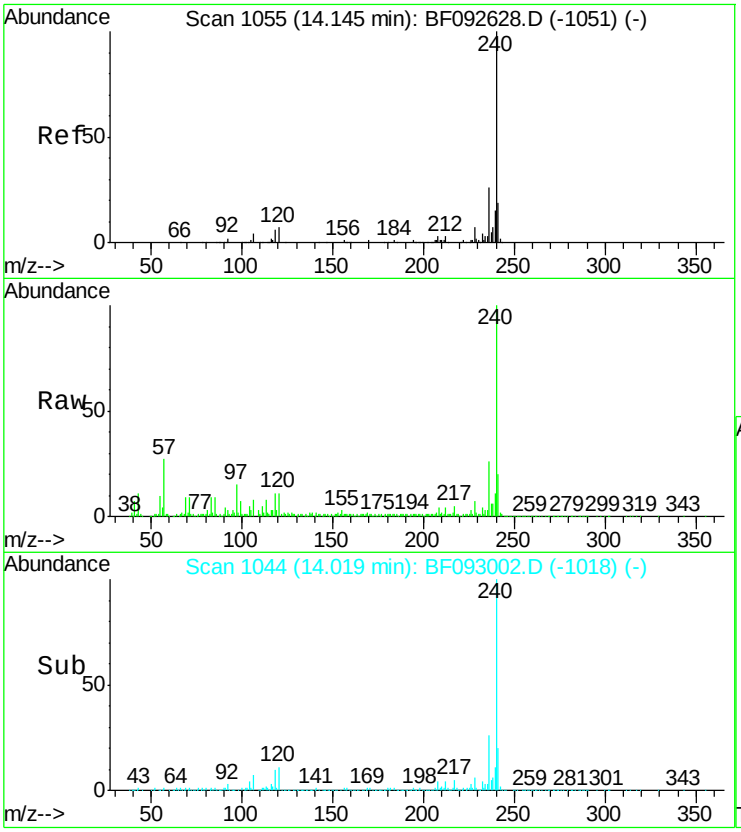


#74
Fluoranthene
Concen: 13.99 ng
RT: 12.59 min Scan# 919
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion:202 Resp: 291536

Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	34.6
203	17.8	0.0	38.7



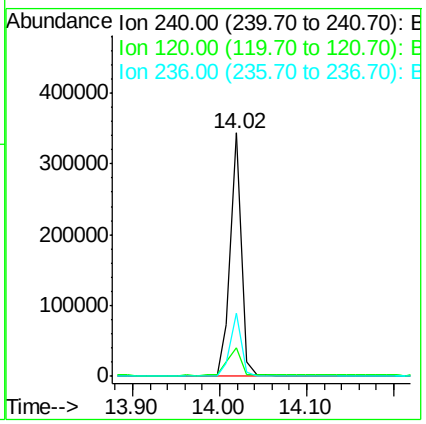


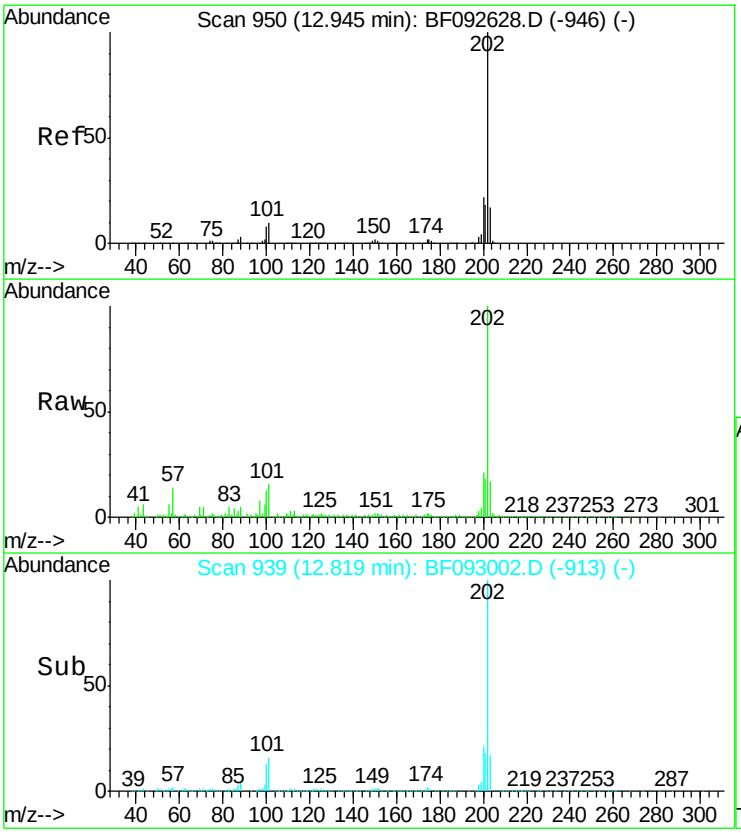
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:240 Resp: 307891

Ion	Ratio	Lower	Upper
240	100		
120	11.5	12.9	19.3#
236	26.0	20.9	31.3

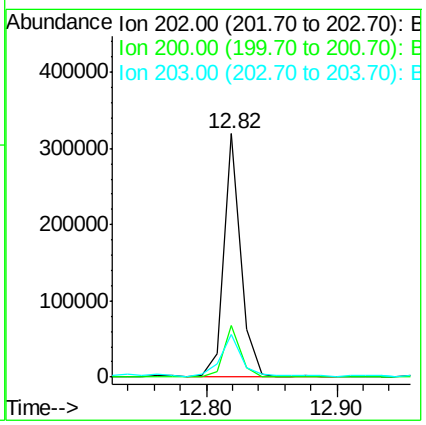


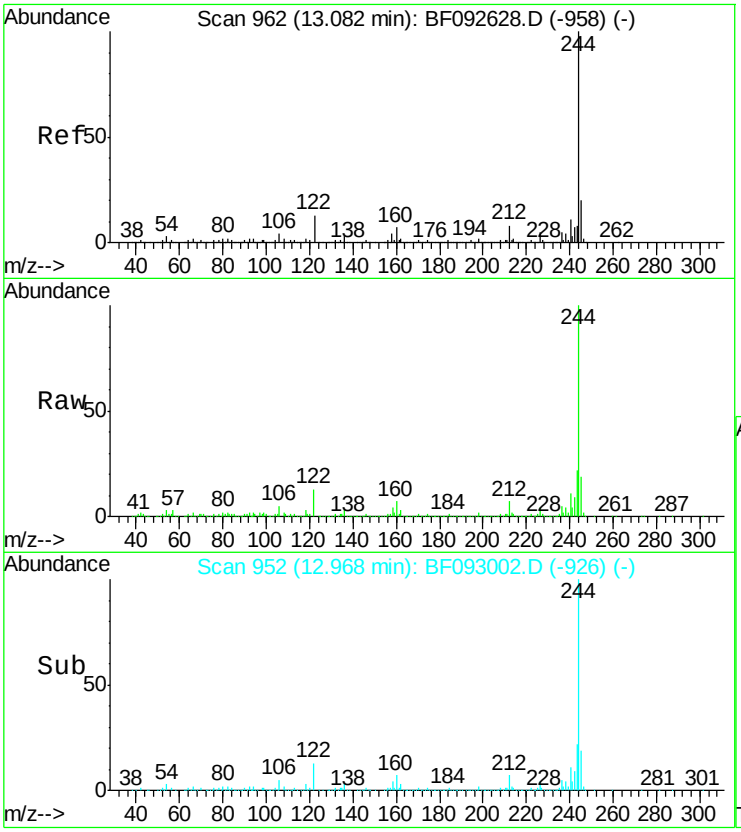


#77
Pyrene
Concen: 12.46 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion:202 Resp: 287020

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.7	26.5
203	17.4	14.7	22.1



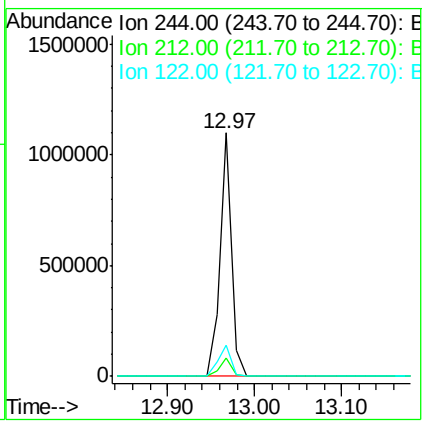


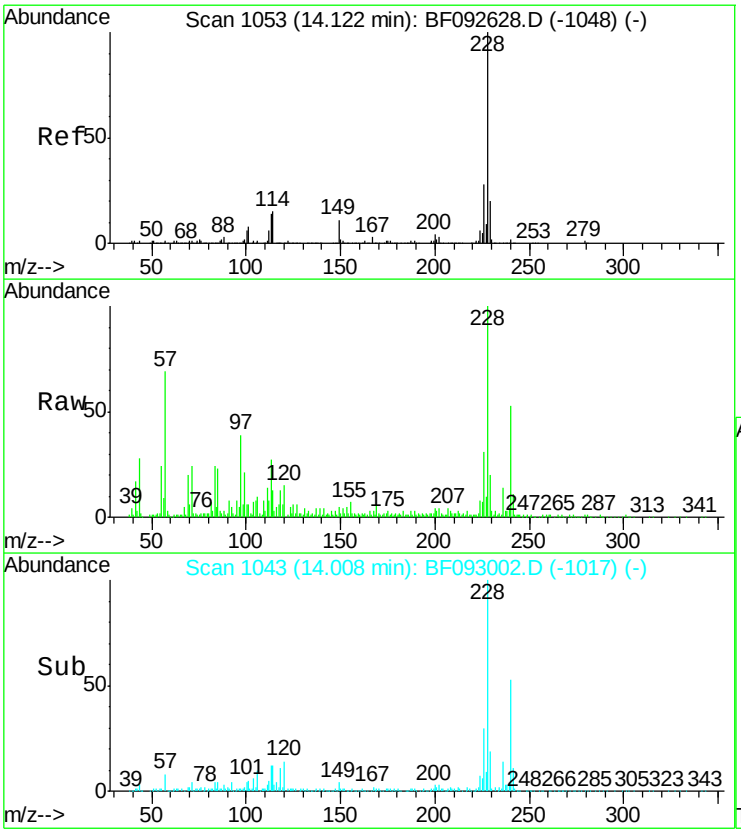
#78
Terphenyl-d14
Concen: 79.02 ng
RT: 12.97 min Scan# 952
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:244 Resp: 1035499

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	12.6	11.4	17.2

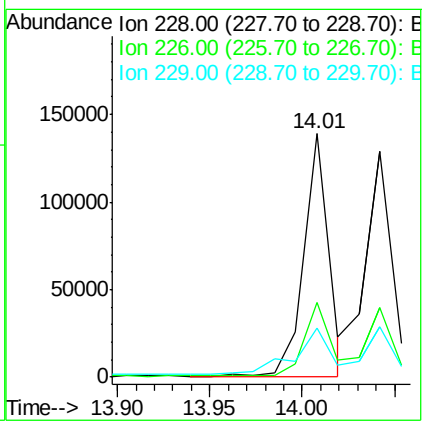


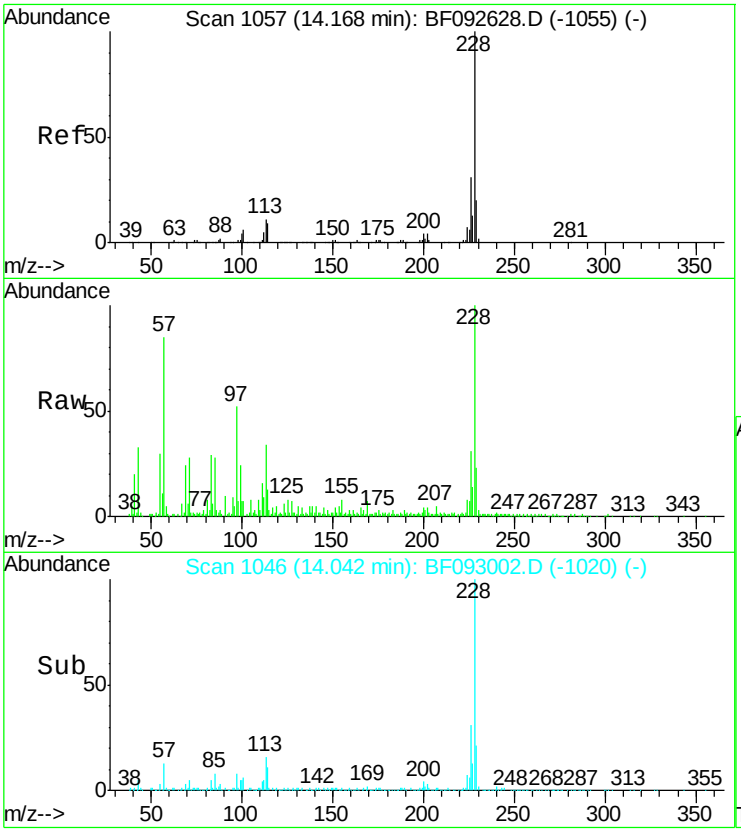


#80
Benzo(a)anthracene
Concen: 7.04 ng m
RT: 14.01 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion:228 Resp: 132661

Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.4	33.6
229	20.0	16.2	24.4



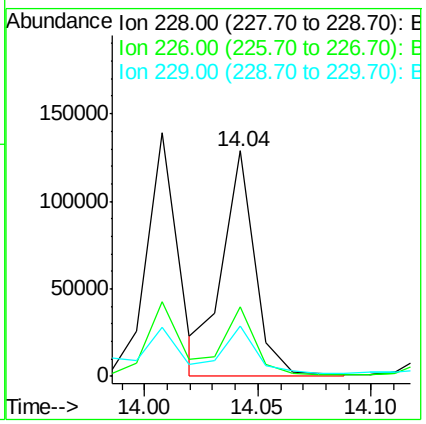


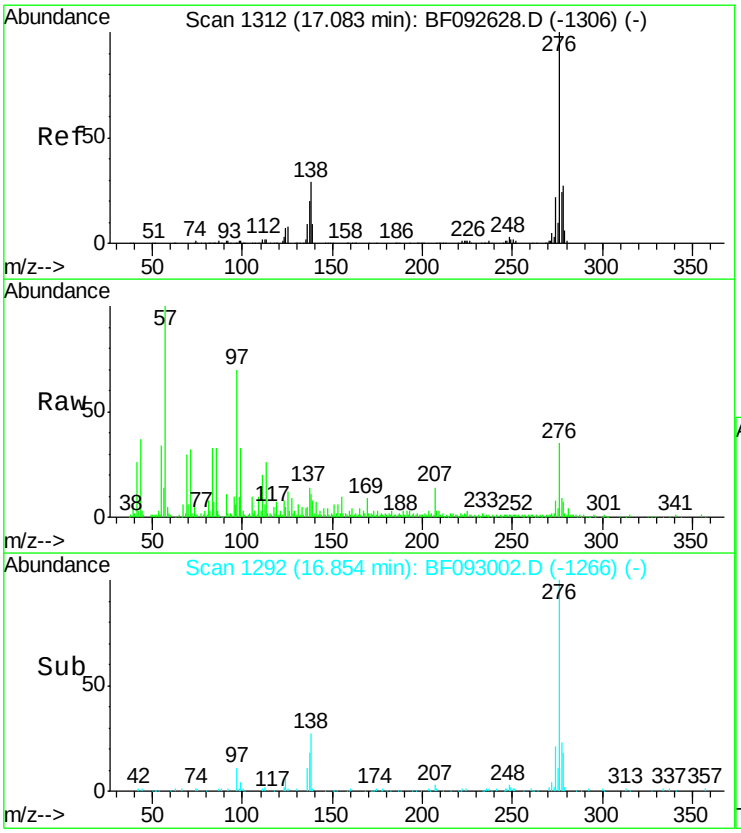
#82
Chrysene
Concen: 7.38 ng m
RT: 14.04 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:228 Resp: 130065

Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	22.6	16.2	24.2

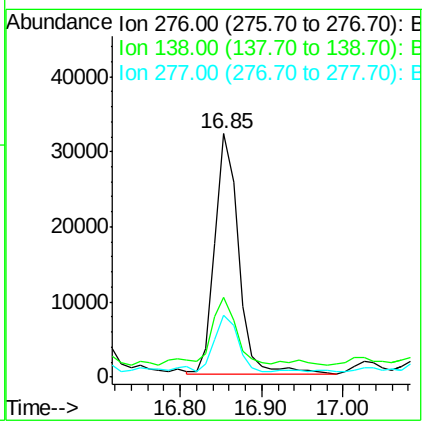


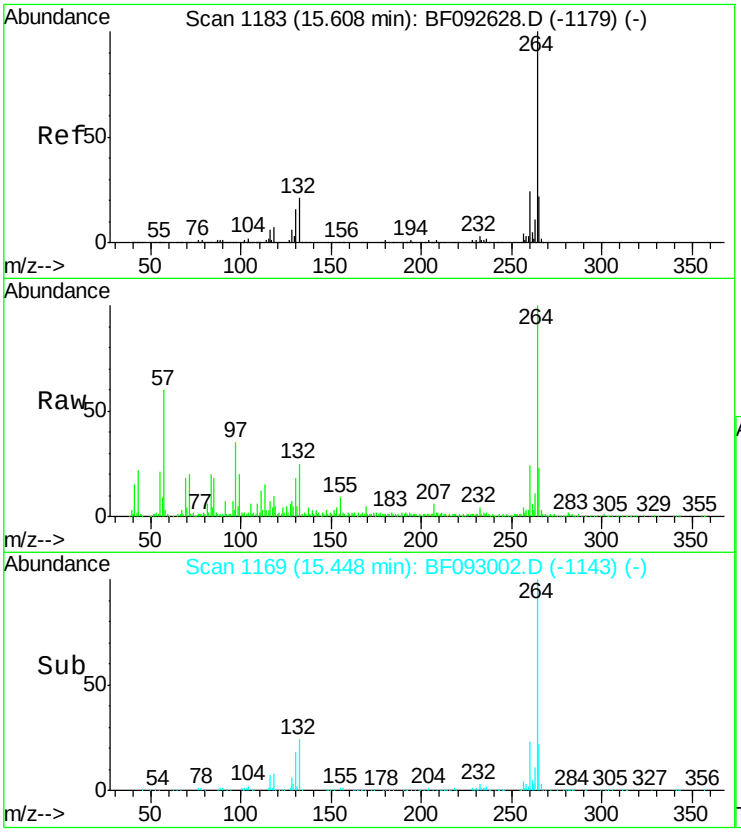


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.74 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion:276 Resp: 64714

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.8	32.6
277	23.7	20.2	30.4



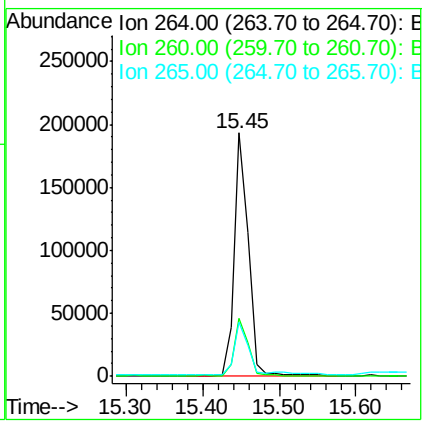


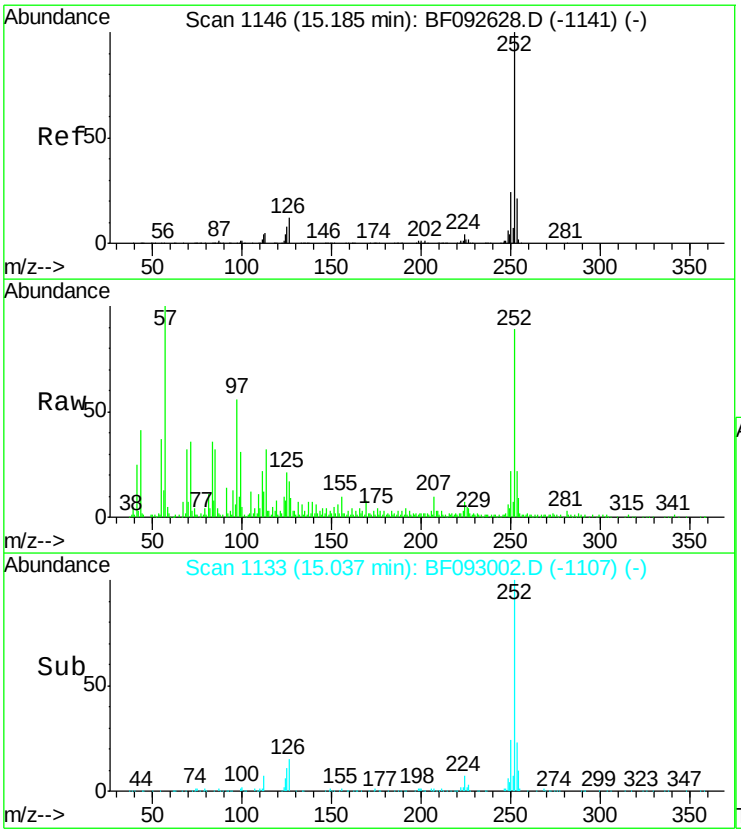
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:264 Resp: 250594

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.5	17.4	26.0

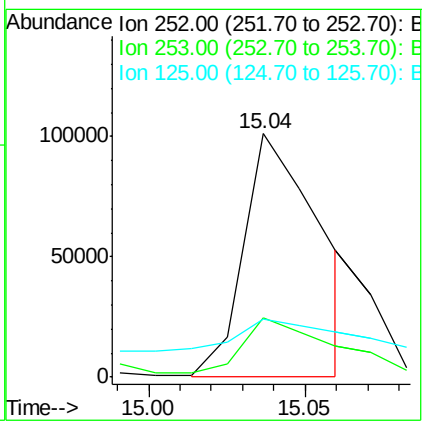


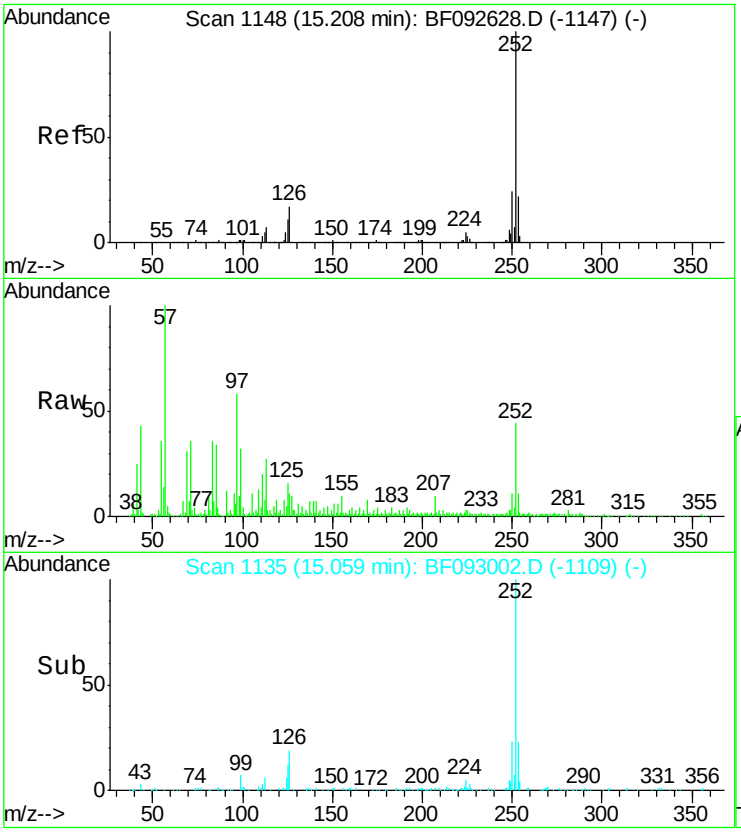


#87
Benzo(b)fluoranthene
Concen: 10.36 ng m
RT: 15.04 min Scan# 1133
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion:252 Resp: 170801

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.4
125	23.7	9.8	14.6#



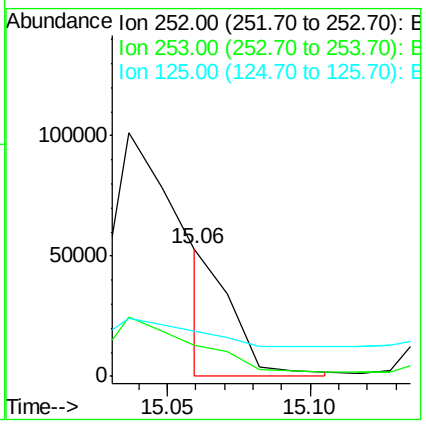


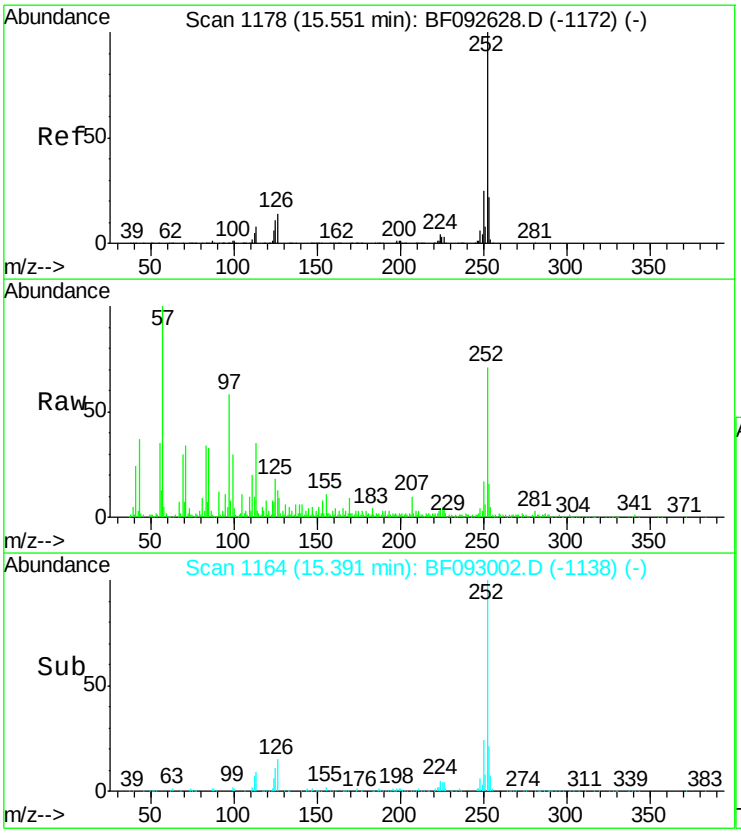
#88
Benzo(k)fluoranthene
Concen: 2.01 ng m
RT: 15.06 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:252 Resp: 28582

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.5	27.7
125	36.0	8.9	13.3#

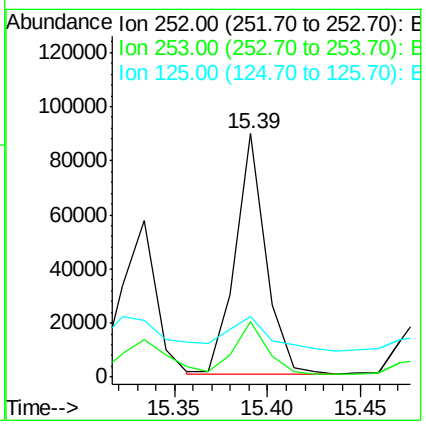


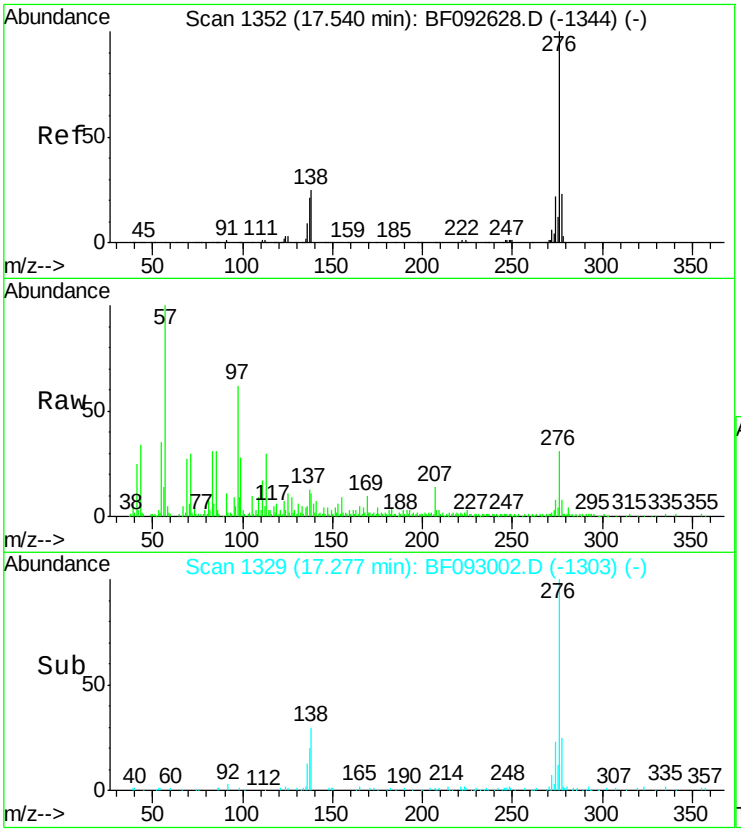


#89
Benzo(a)pyrene
Concen: 7.18 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Tgt Ion:252 Resp: 102457

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.2
125	24.8	10.0	15.0#





#91
Benzo(g,h,i)perylene
Concen: 5.13 ng
RT: 17.28 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF093002.D
Acq: 17 Feb 2017 1:00

Instrument :
BNA_F
ClientSampleId :
POSTEX-30-20170215

Tgt Ion:276 Resp: 59722

Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.2	28.8
138	35.3	16.0	24.0#