Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031517\
Data File : BF093678.D
Acq On : 15 Mar 2017 19:59
Operator : SJ/MA
Sample : I2264-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-DD8-BASE

Quant Time: Mar 16 03:04:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	166965	20.00	ng		-0.01
21) Naphthalene-d8	8.00	136	661825	20.00	ng		-0.01
38) Acenaphthene-d10	9.75	164	316484	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	534642	20.00	ng		0.00
75) Chrysene-d12	13.89	240	320820	20.00	ng		0.00
86) Perylene-d12	15.29	264	304604	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1194896	119.11	ng		-0.01
7) Phenol-d6	6.37	99	1547970	122.36	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1012682	84.90	ng		-0.02
41) 2,4,6-Tribromophenol	10.55	330	243569	118.13	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1349381	79.31	ng		-0.01
78) Terphenyl-d14	12.83	244	956783	77.54	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.38	94	126237	8.14	ng		87
49) Dimethylphthalate	9.49	163	400187	19.07	ng		100
70) Phenanthrene	11.27	178	74969	2.46	ng		97
74) Fluoranthene	12.47	202	145612	4.94	ng		92
77) Pyrene	12.69	202	136446	5.85	ng		98
80) Benzo(a)anthracene	13.88	228	69112	3.65	ng		99
82) Chrysene	13.92	228	51371	2.93	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	42281	2.88	ng	#	90
87) Benzo(b)fluoranthene	14.91	252	69730m	3.76	ng		
89) Benzo(a)pyrene	15.25	252	58407	3.44	ng		96
91) Benzo(g,h,i)perylene	17.08	276	47629	3.31	ng	#	89

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

Quantitation Report (QT Reviewed)

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Acq On : 15 Mar 2017 19:59
Operator : SJ/MA
Sample : I2264-09
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Quant Time: Mar 16 03:04:38 2017
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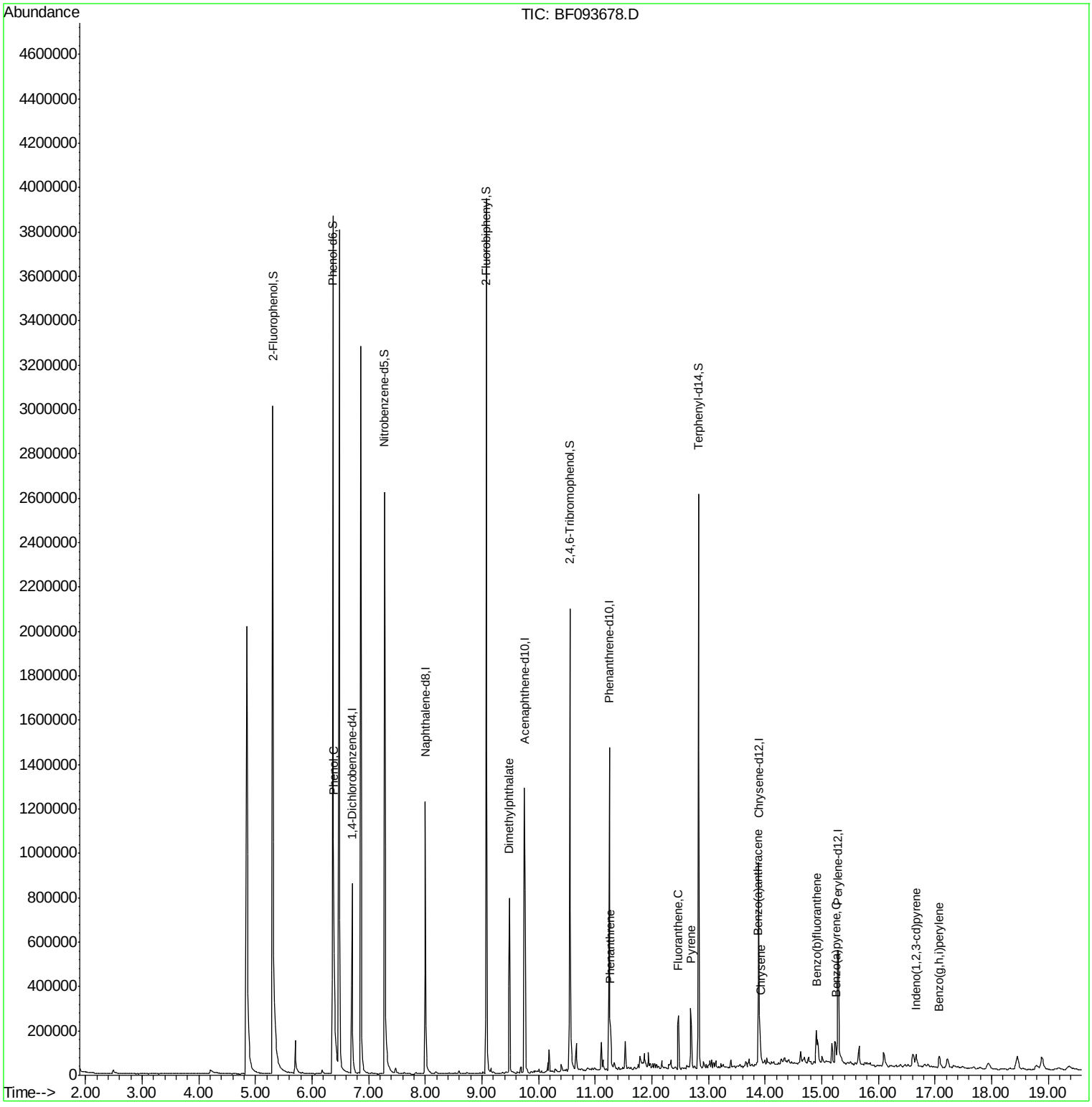
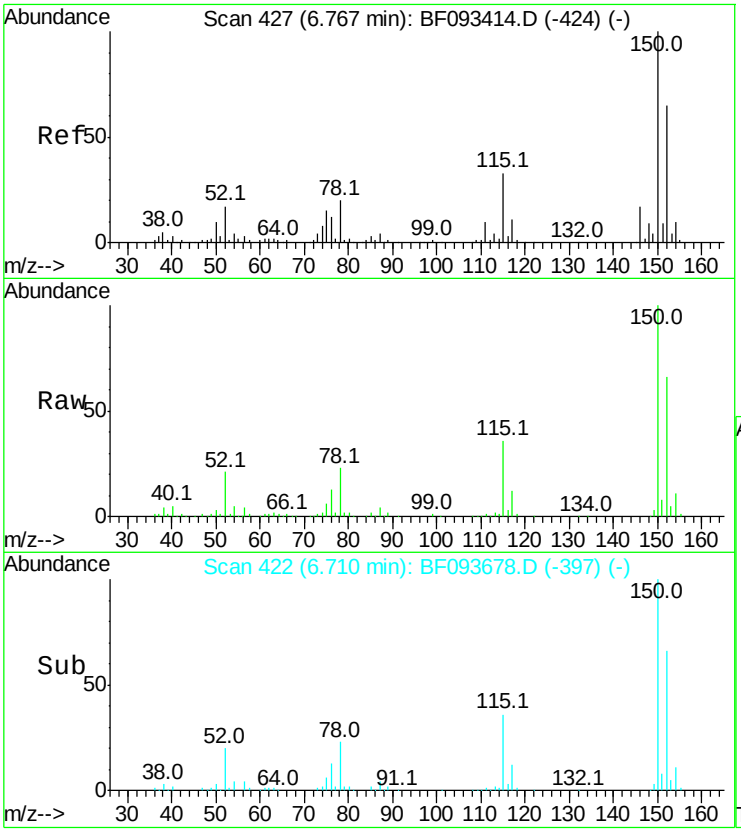
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 13 15:05:08 2017
Response via : Initial Calibration



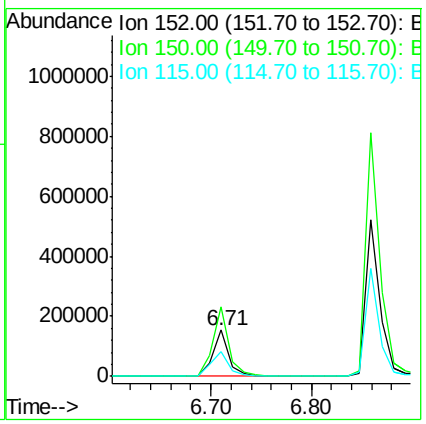


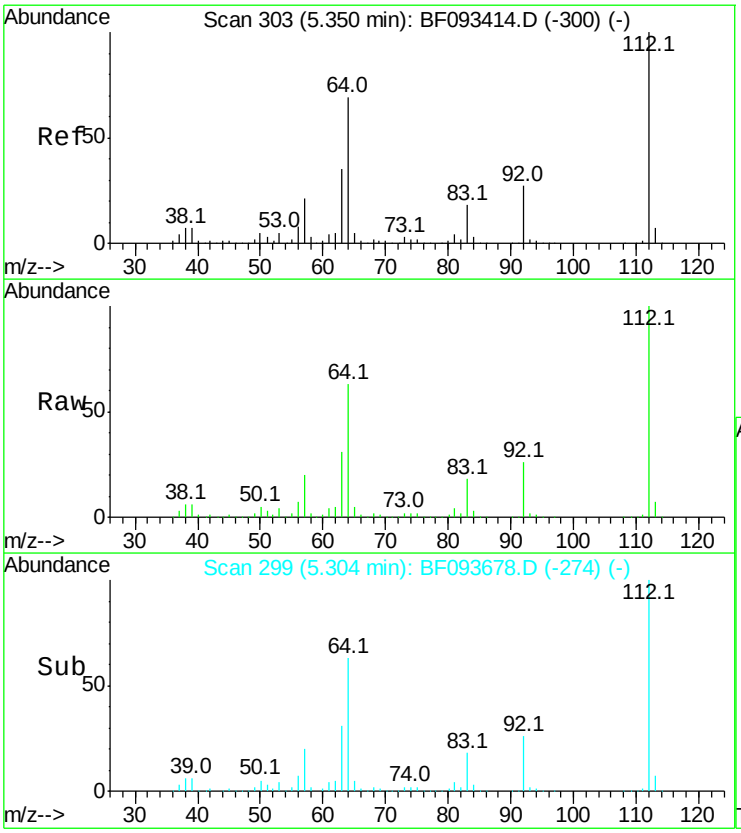
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion:152 Resp: 166965

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.9	187.3
115	54.2	46.0	69.0

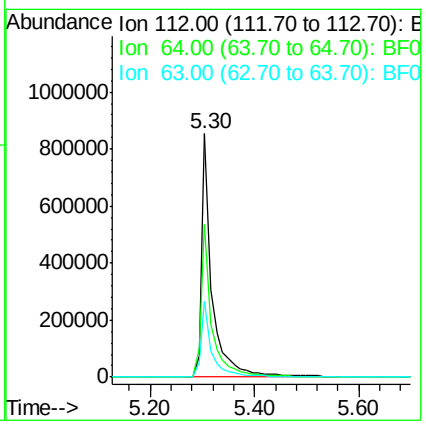


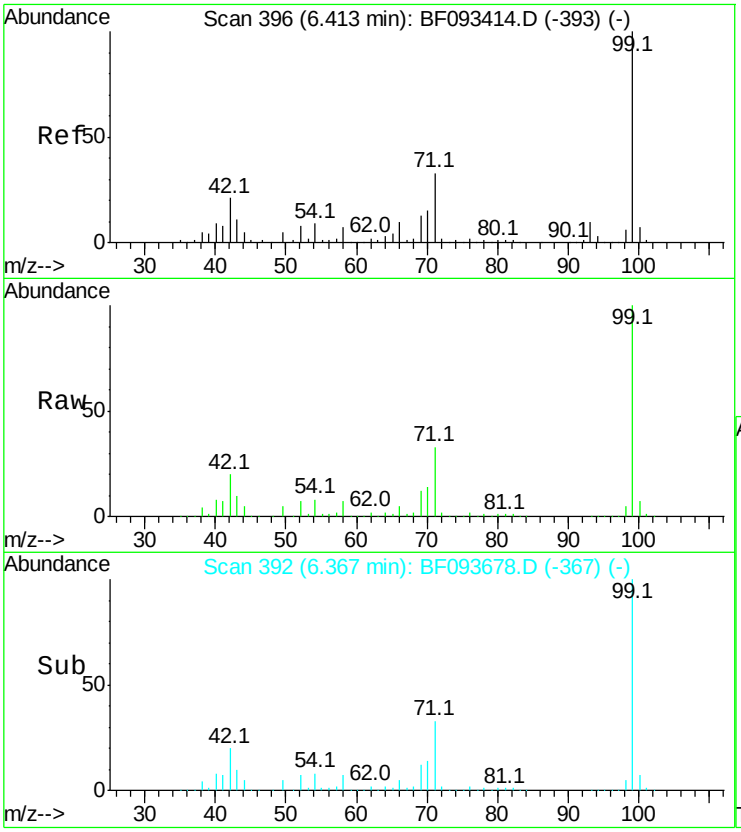


#5
2-Fluorophenol
Concen: 119.11 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Tgt Ion:112 Resp: 1194896

Ion	Ratio	Lower	Upper
112	100		
64	62.5	46.1	69.1
63	31.1	23.8	35.6



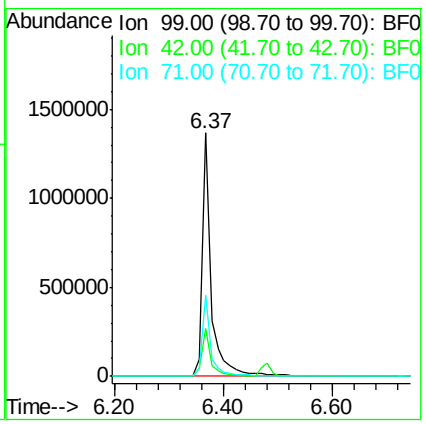


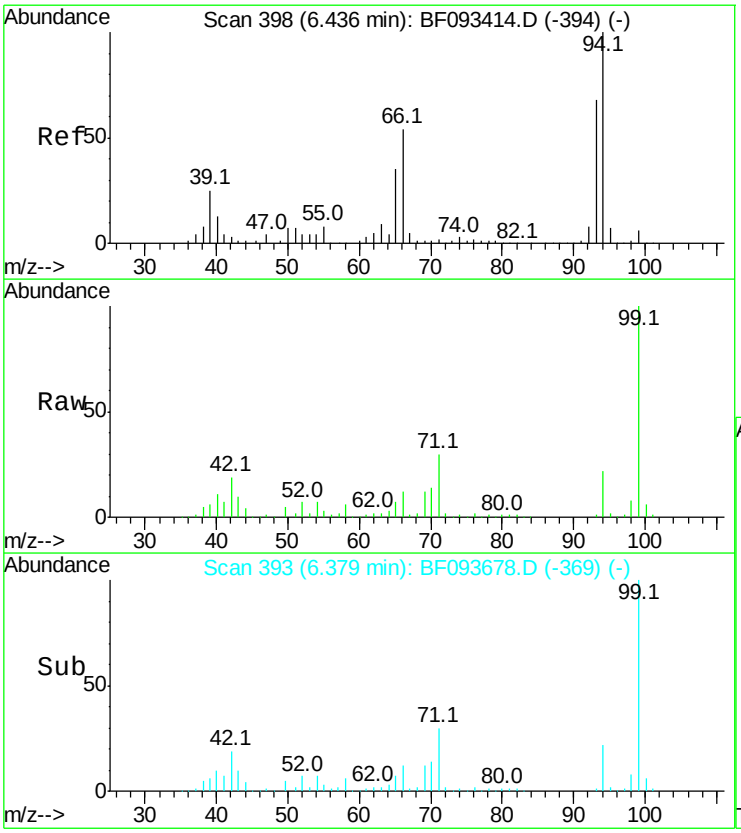
#7
Phenol-d6
Concen: 122.36 ng
RT: 6.37 min Scan# 392
Delta R.T. -0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion: 99 Resp: 1547970

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.6	23.4
71	33.2	27.5	41.3

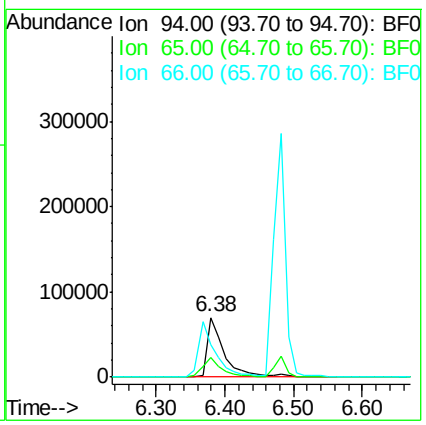


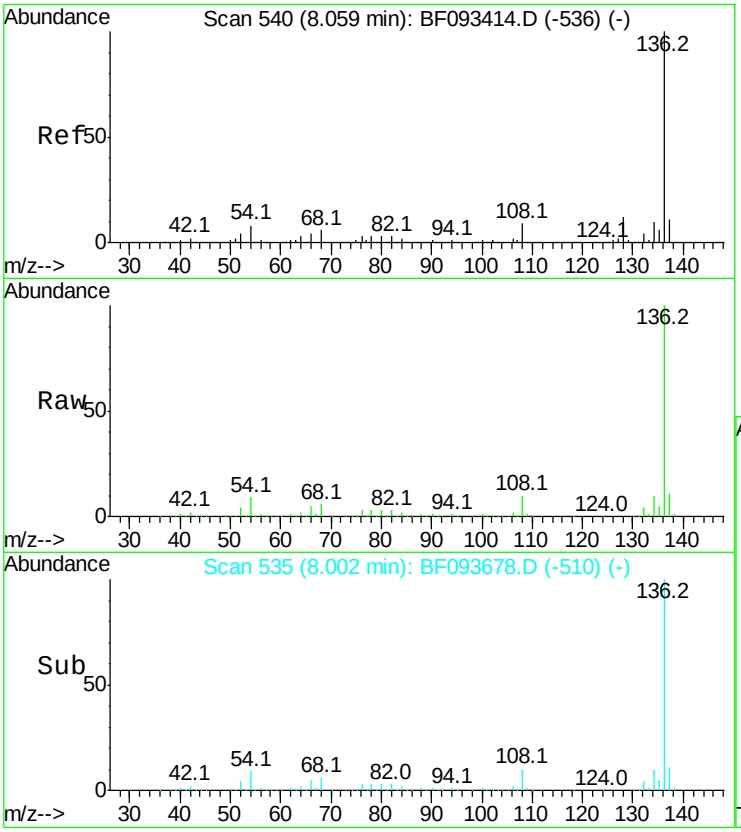


#10
Phenol
Concen: 8.14 ng
RT: 6.38 min Scan# 393
Delta R.T. -0.02 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Tgt Ion: 94 Resp: 126237

Ion	Ratio	Lower	Upper
94	100		
65	32.9	21.4	61.4
66	54.3	44.0	84.0



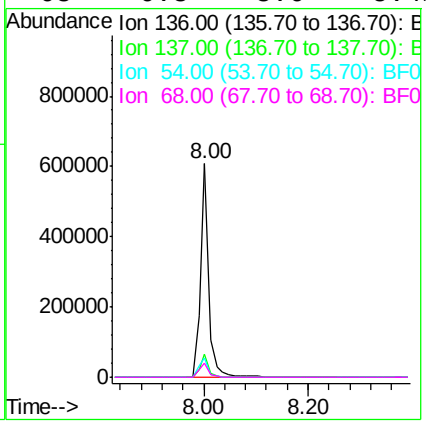


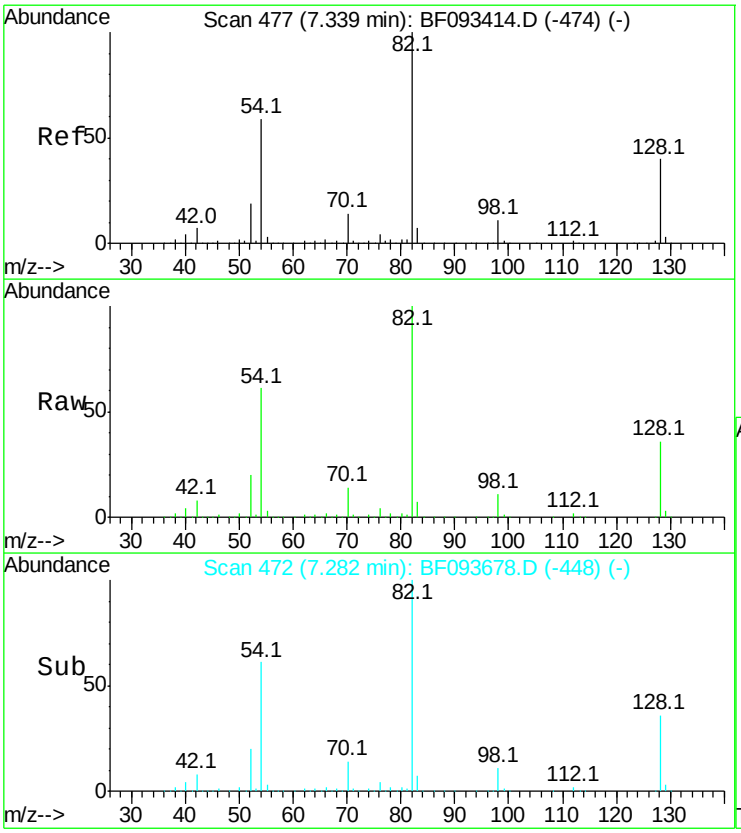
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion:136 Resp: 661825

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	8.8	4.5	6.7#
68	6.3	3.6	5.4#

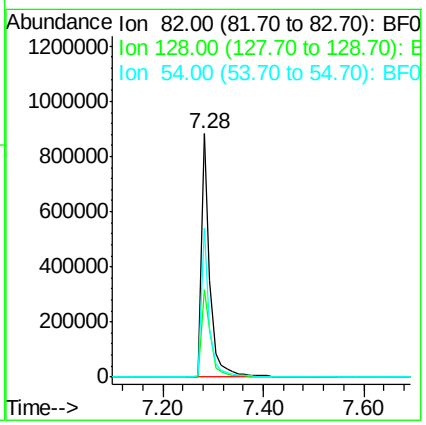


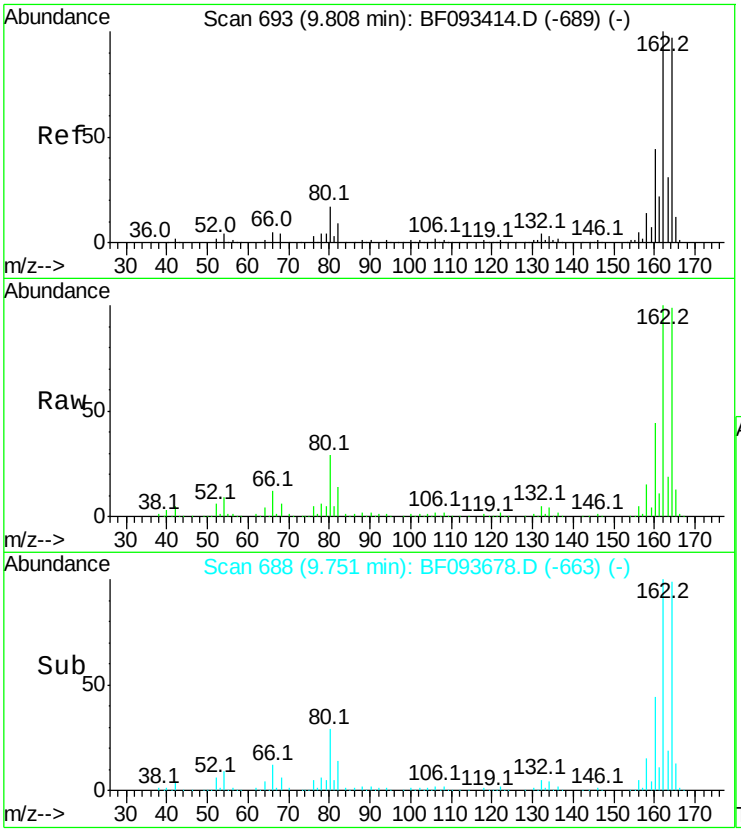


#23
Nitrobenzene-d5
Concen: 84.90 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Tgt Ion: 82 Resp: 1012682

Ion	Ratio	Lower	Upper
82	100		
128	36.1	34.6	52.0
54	61.3	39.5	59.3#



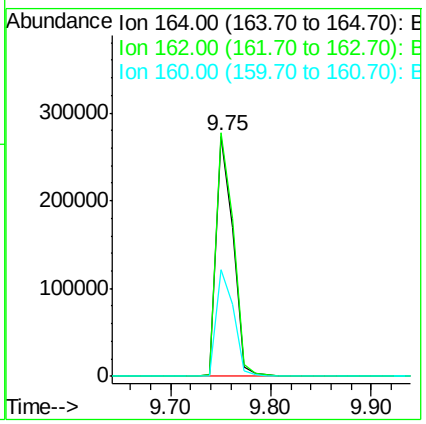


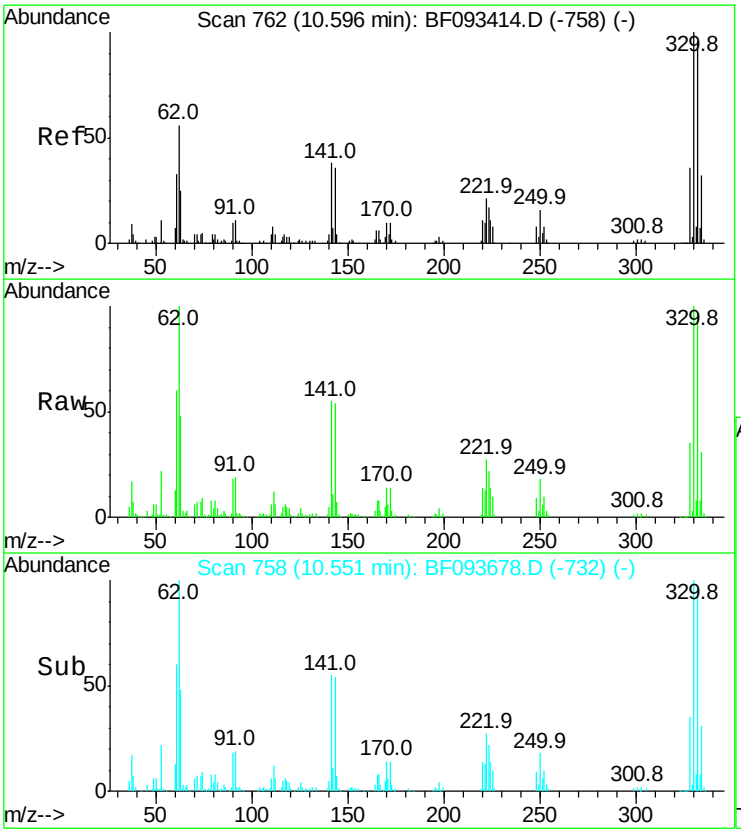
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion:164 Resp: 316484

Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.2	120.2
160	44.6	36.9	55.3

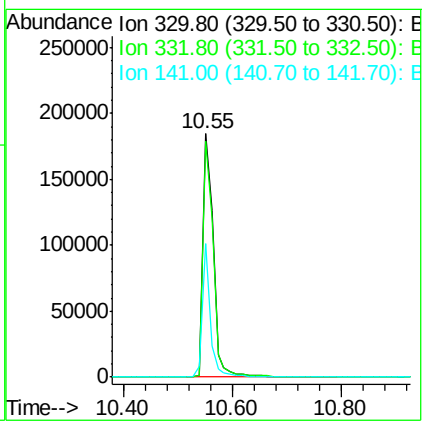


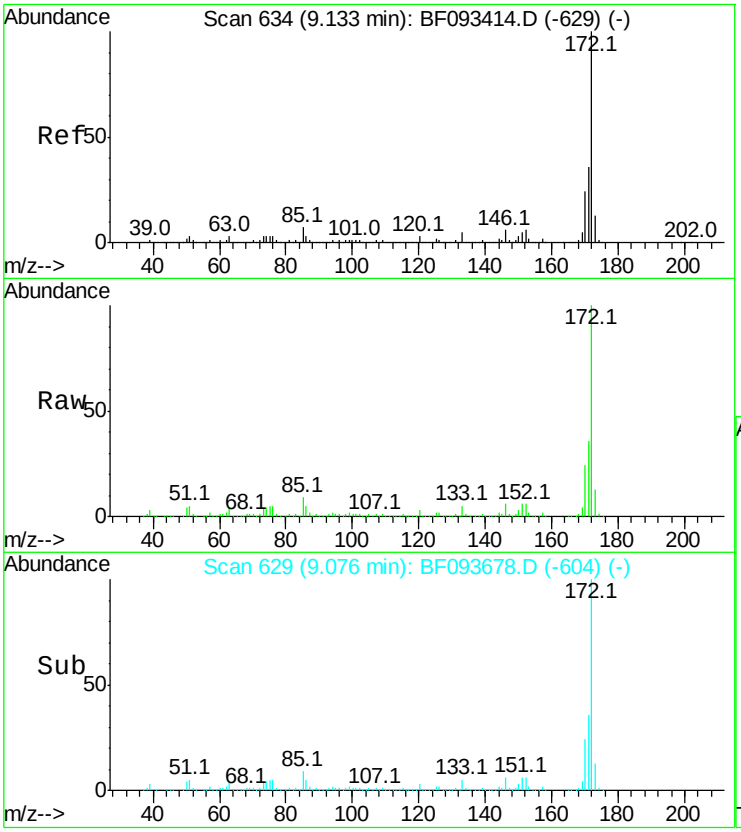


#41
2,4,6-Tribromophenol
Concen: 118.13 ng
RT: 10.55 min Scan# 758
Delta R.T. 0.00 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Tgt Ion:330 Resp: 243569

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	41.9	34.1	51.1



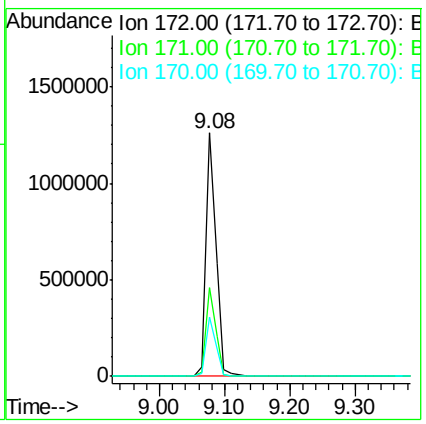


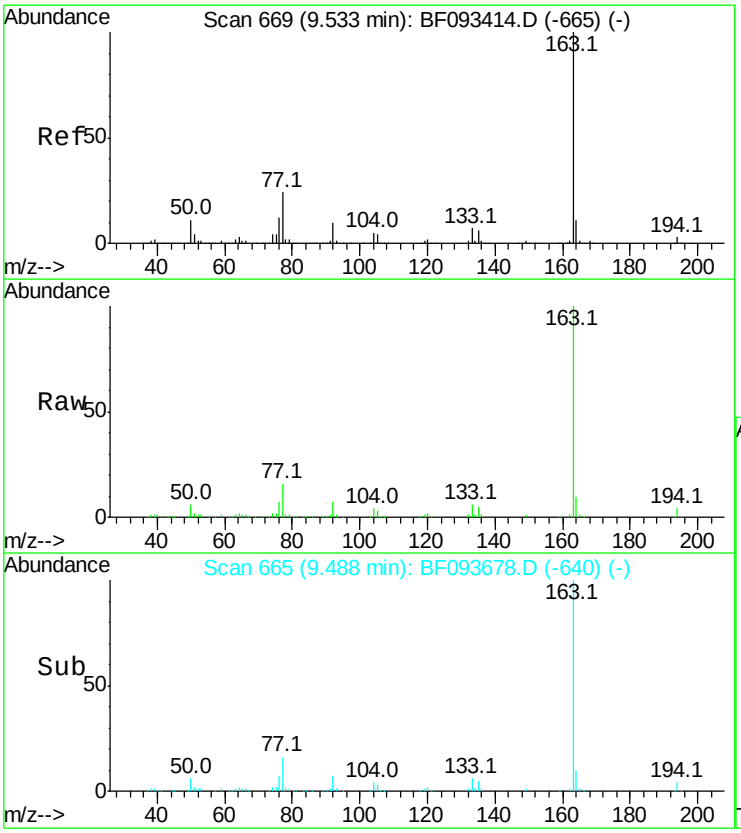
#44
2-Fluorobiphenyl
Concen: 79.31 ng
RT: 9.08 min Scan# 629
Delta R.T. -0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion:172 Resp: 1349381

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	20.2	30.4

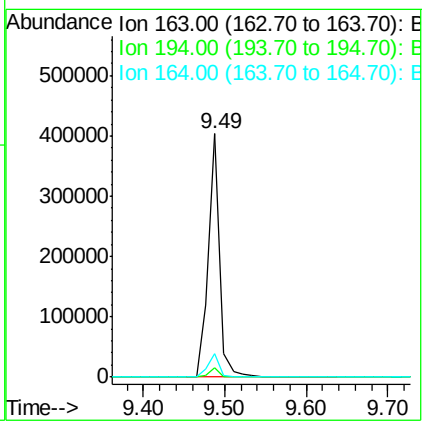


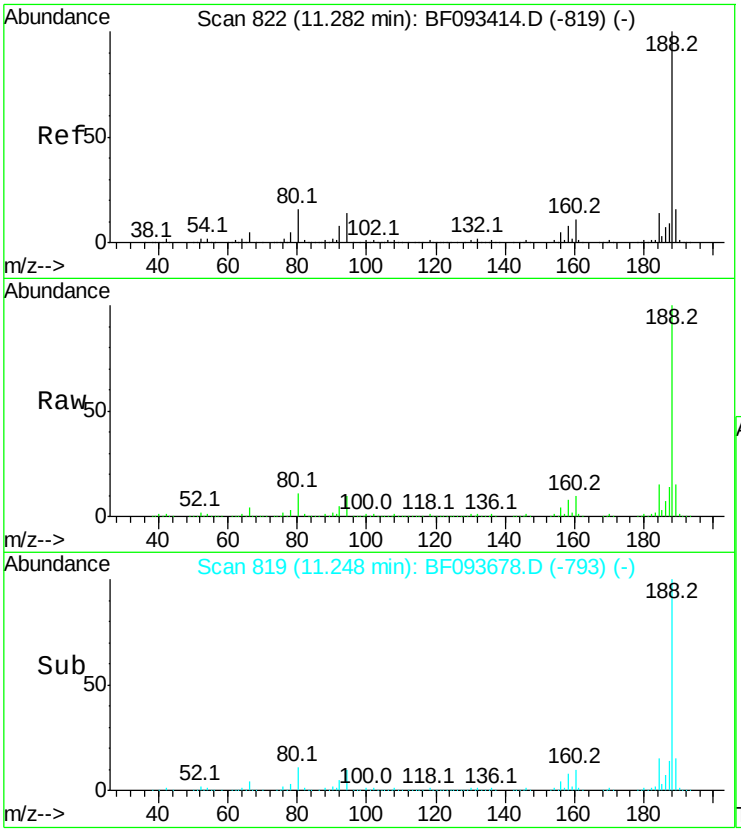


#49
Dimethylphthalate
Concen: 19.07 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Tgt Ion:163 Resp: 400187

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.9	8.0	12.0



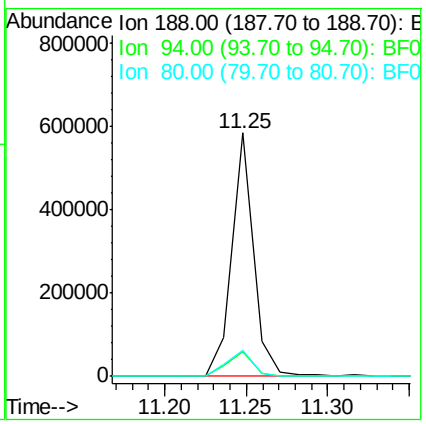


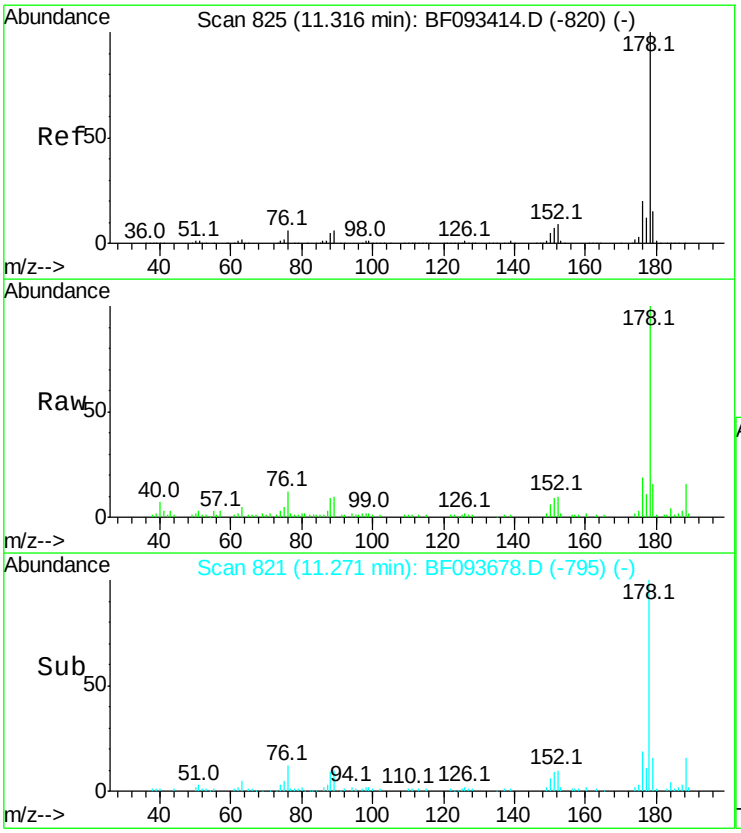
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion:188 Resp: 534642

Ion	Ratio	Lower	Upper
188	100		
94	10.3	10.0	15.0
80	10.7	11.2	16.8#

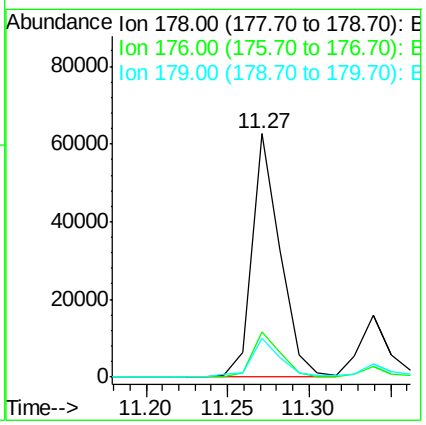


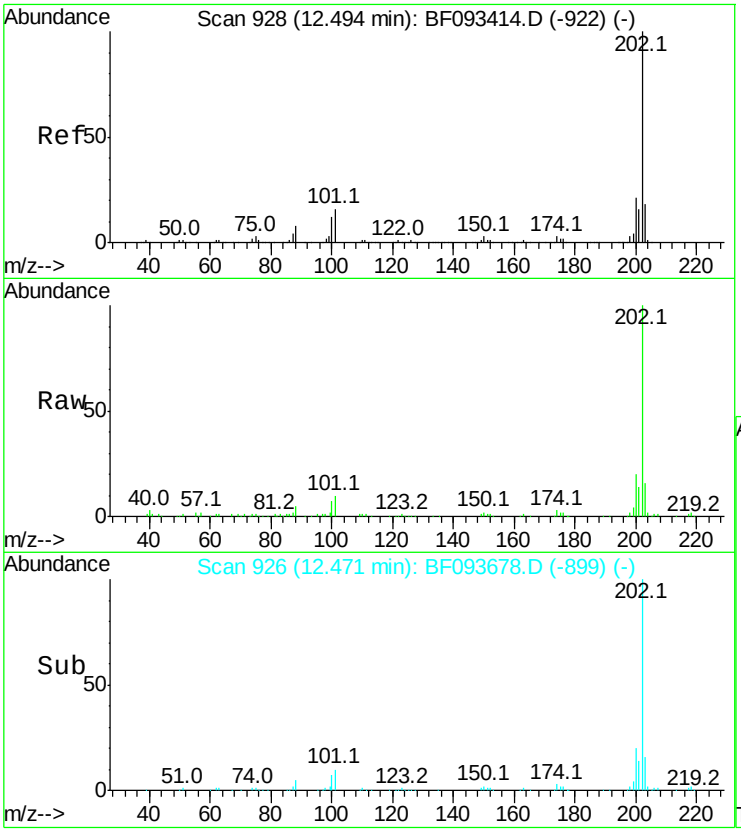


#70
Phenanthrene
Concen: 2.46 ng
RT: 11.27 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Tgt Ion:178 Resp: 74969

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.6	25.0
179	16.0	12.8	19.2



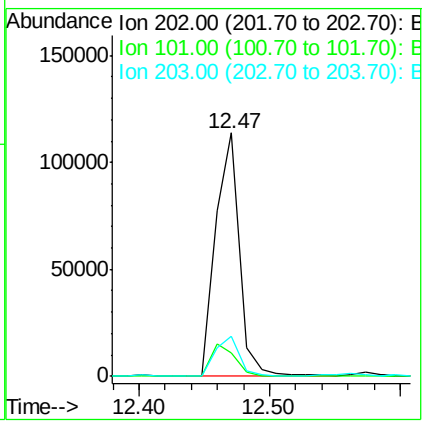


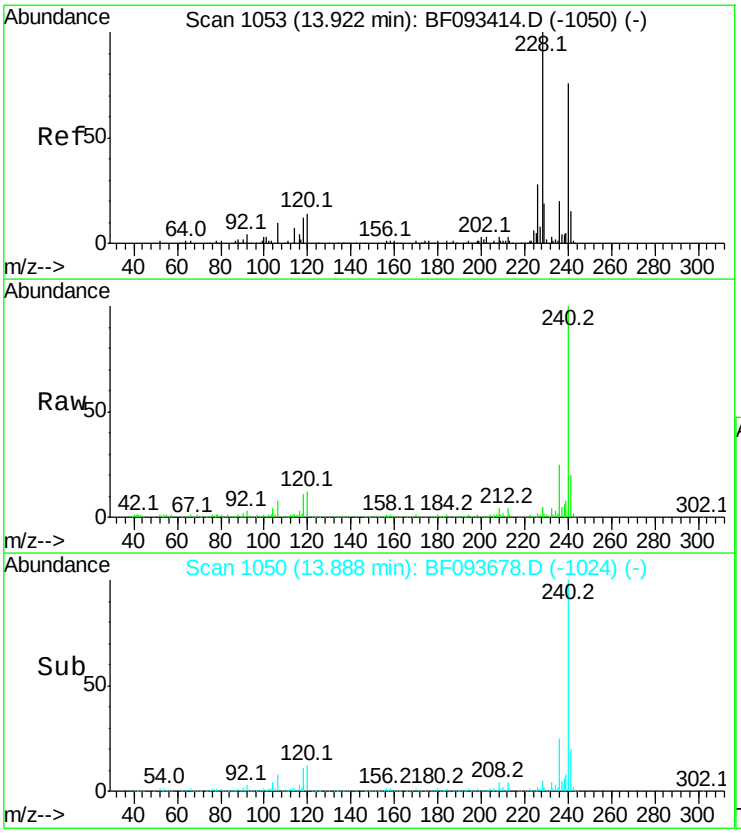
#74
Fluoranthene
Concen: 4.94 ng
RT: 12.47 min Scan# 926
Delta R.T. 0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion:202 Resp: 145612

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.6
203	16.4	0.0	38.7

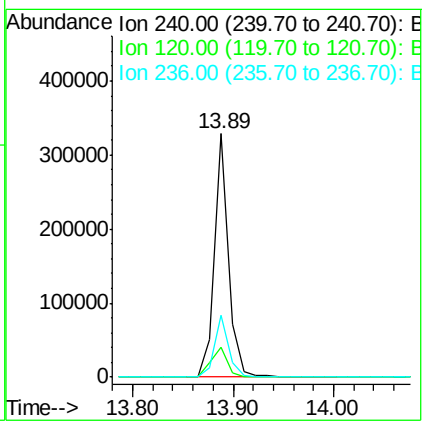


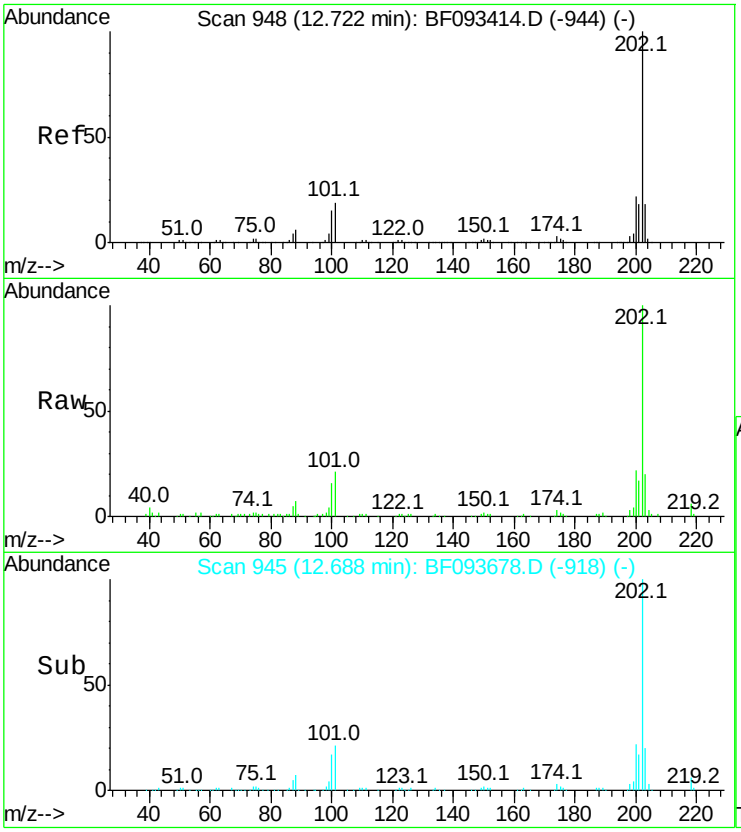


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1050
Delta R.T. 0.00 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Tgt Ion:240 Resp: 320820

Ion	Ratio	Lower	Upper
240	100		
120	12.2	12.9	19.3#
236	25.4	20.9	31.3



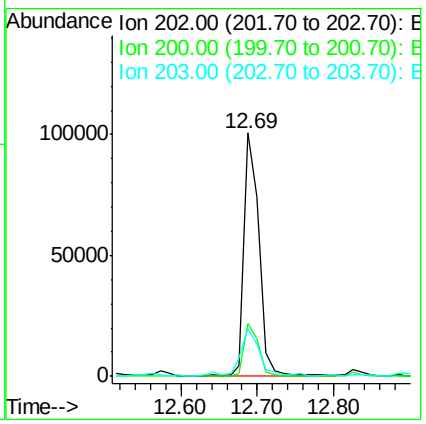


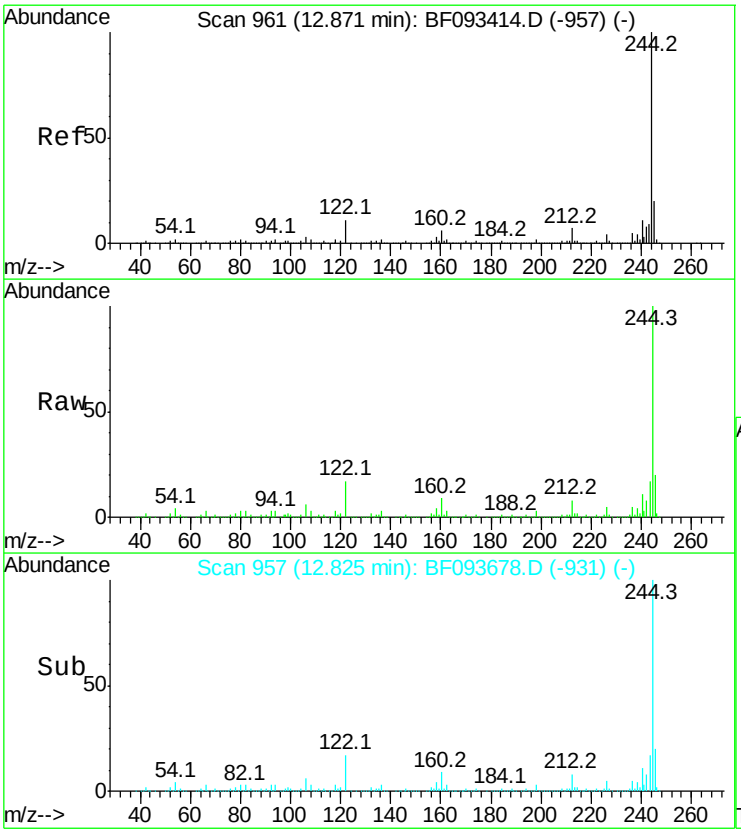
#77
Pyrene
Concen: 5.85 ng
RT: 12.69 min Scan# 945
Delta R.T. 0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion:202 Resp: 136446

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	19.7	14.7	22.1

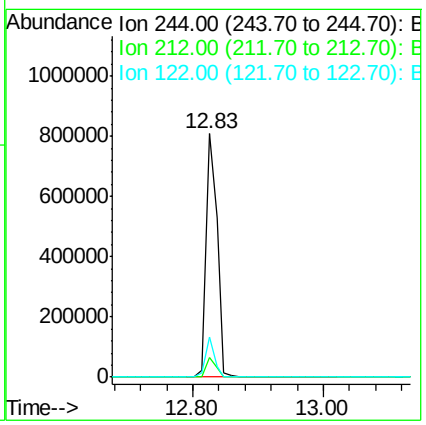


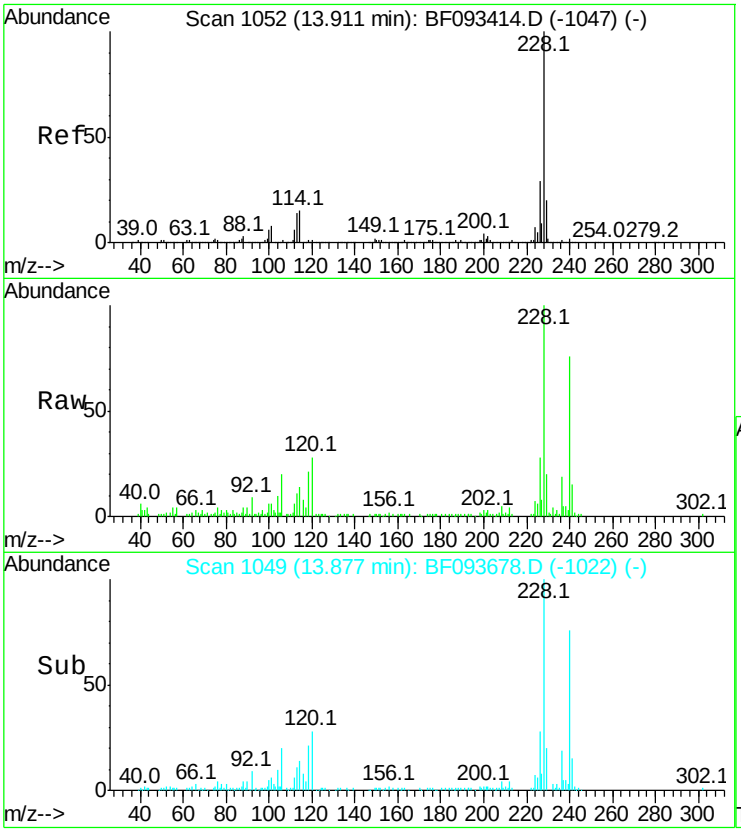


#78
Terphenyl-d14
Concen: 77.54 ng
RT: 12.83 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Tgt Ion:244 Resp: 956783

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.2	9.2
122	16.6	11.4	17.2



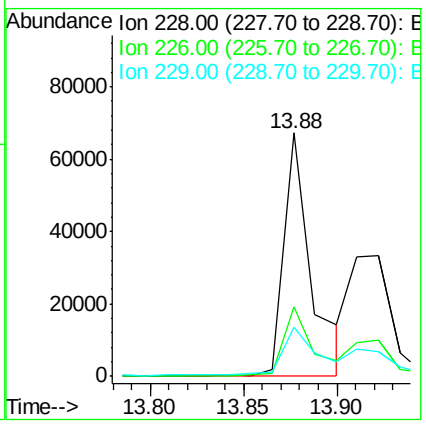


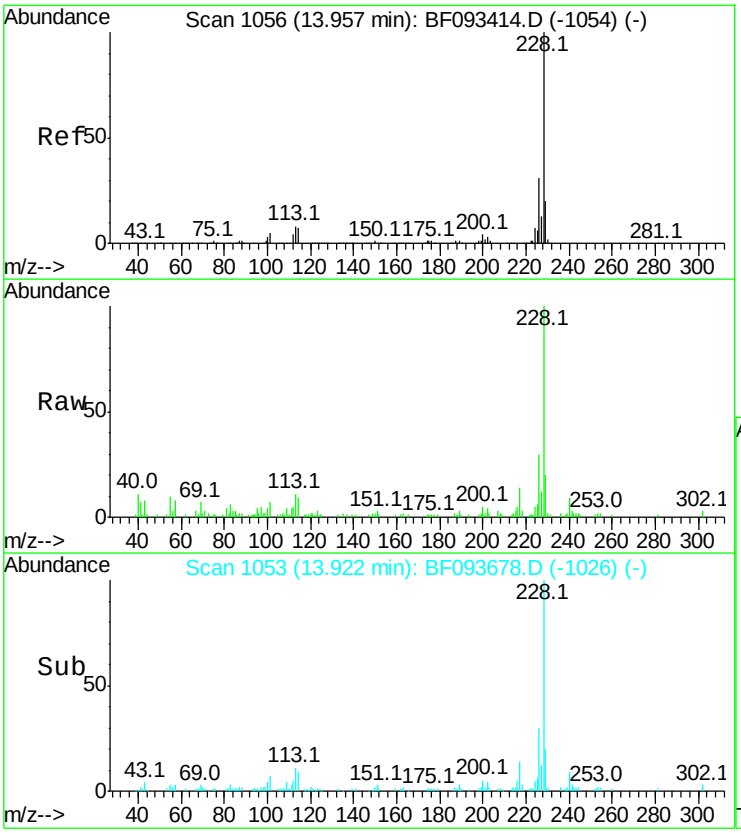
#80
Benzo(a)anthracene
Concen: 3.65 ng
RT: 13.88 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion:228 Resp: 69112

Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.4	33.6
229	20.2	16.2	24.4

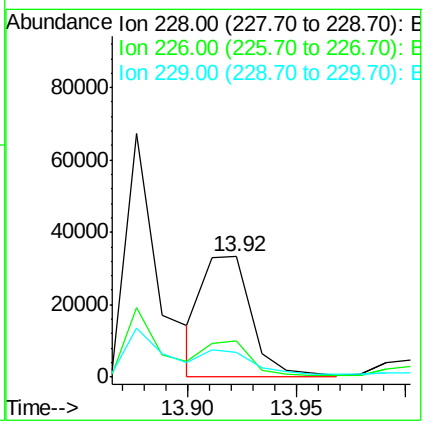


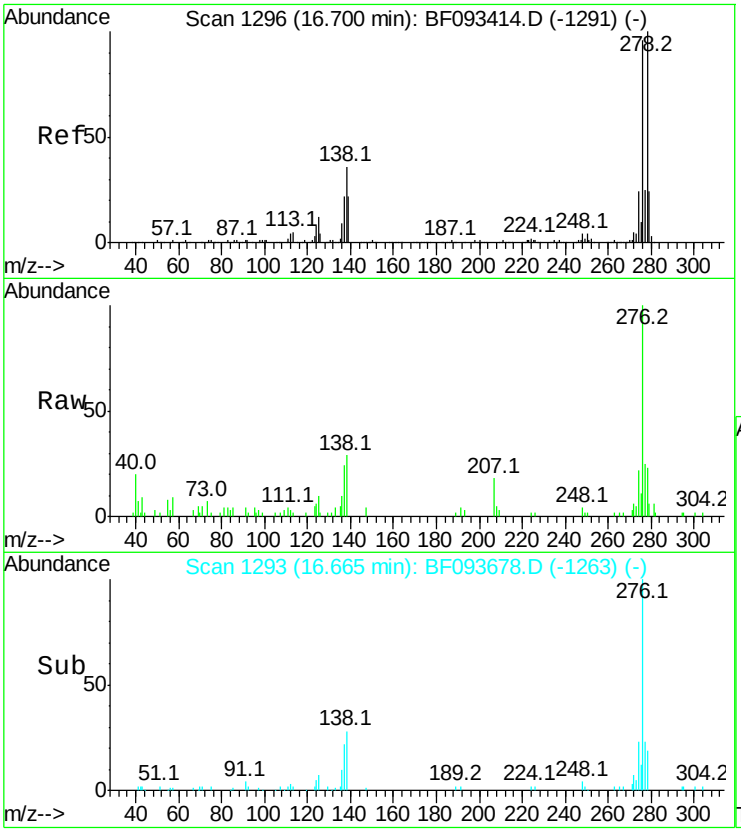


#82
Chrysene
Concen: 2.93 ng
RT: 13.92 min Scan# 1053
Delta R.T. 0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Tgt Ion:228 Resp: 51371

Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.4	38.0
229	20.4	16.2	24.2



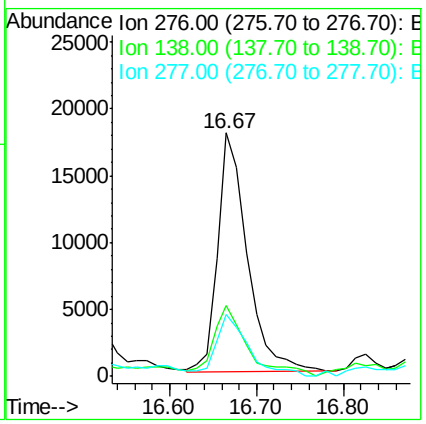


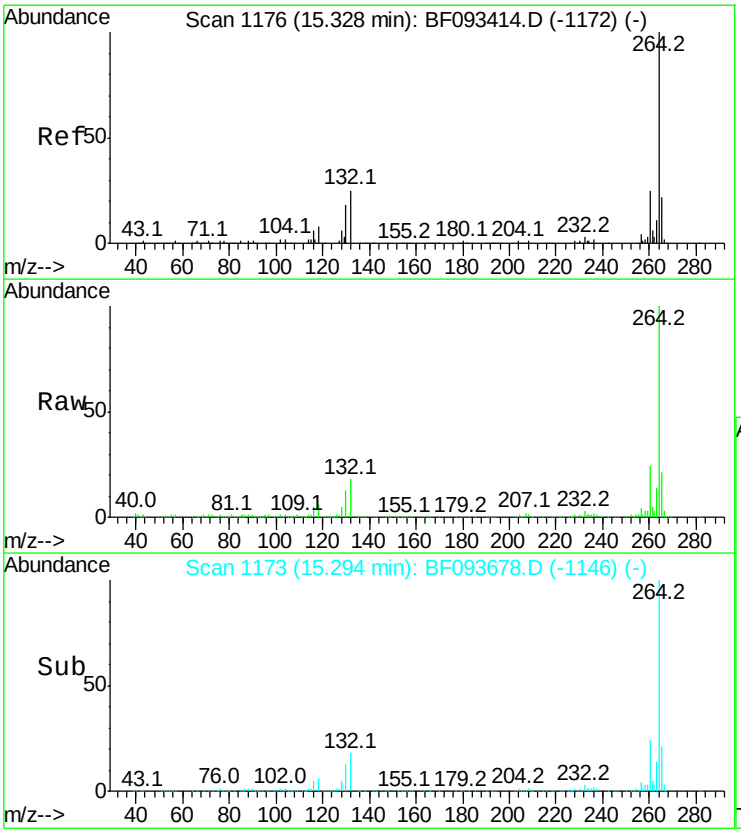
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.88 ng
RT: 16.67 min Scan# 1293
Delta R.T. 0.05 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion:276 Resp: 42281

Ion	Ratio	Lower	Upper
276	100		
138	34.7	21.8	32.6#
277	28.1	20.2	30.4

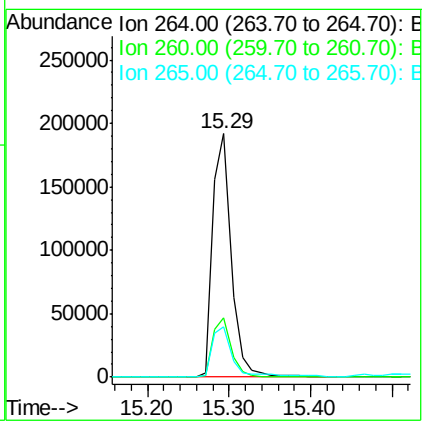


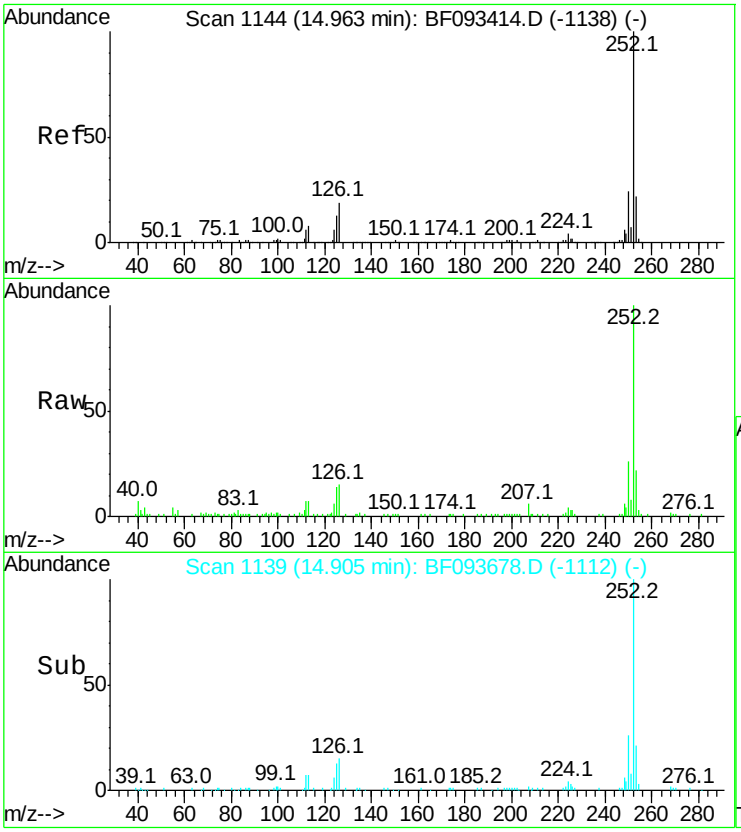


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1173
Delta R.T. 0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Tgt Ion:264 Resp: 304604

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	20.5	17.4	26.0



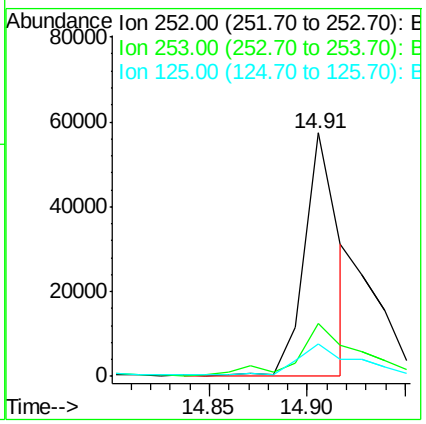


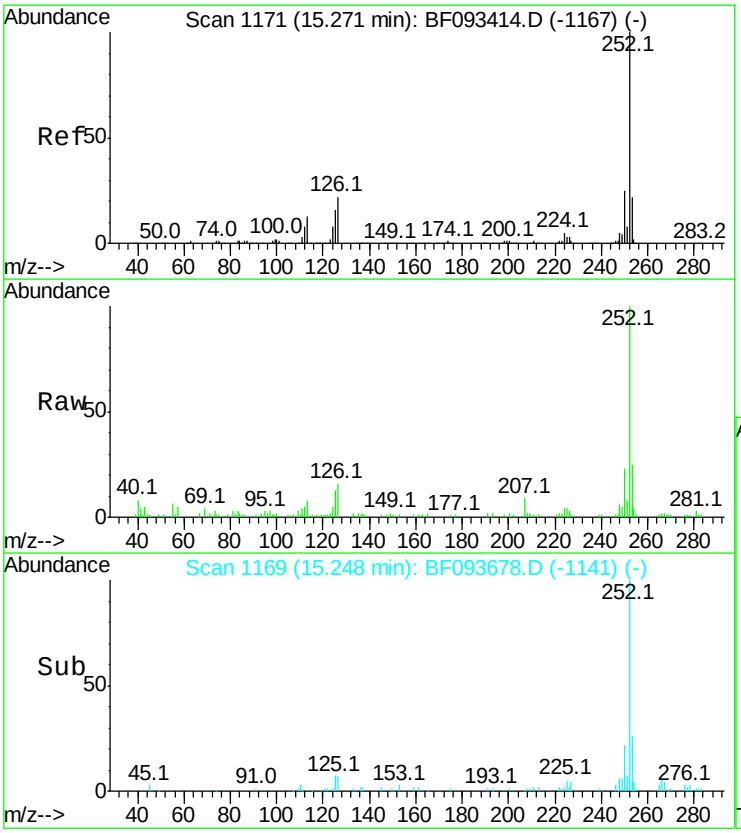
#87
Benzo(b)fluoranthene
Concen: 3.76 ng m
RT: 14.91 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion:252 Resp: 69730

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	13.5	9.8	14.6

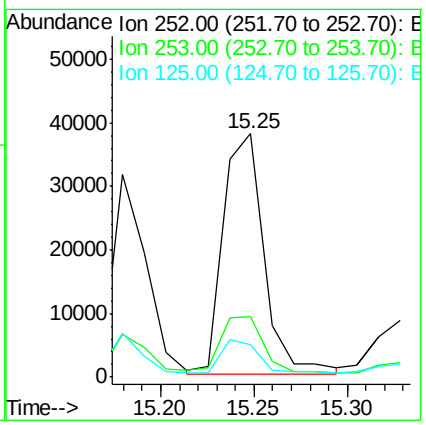


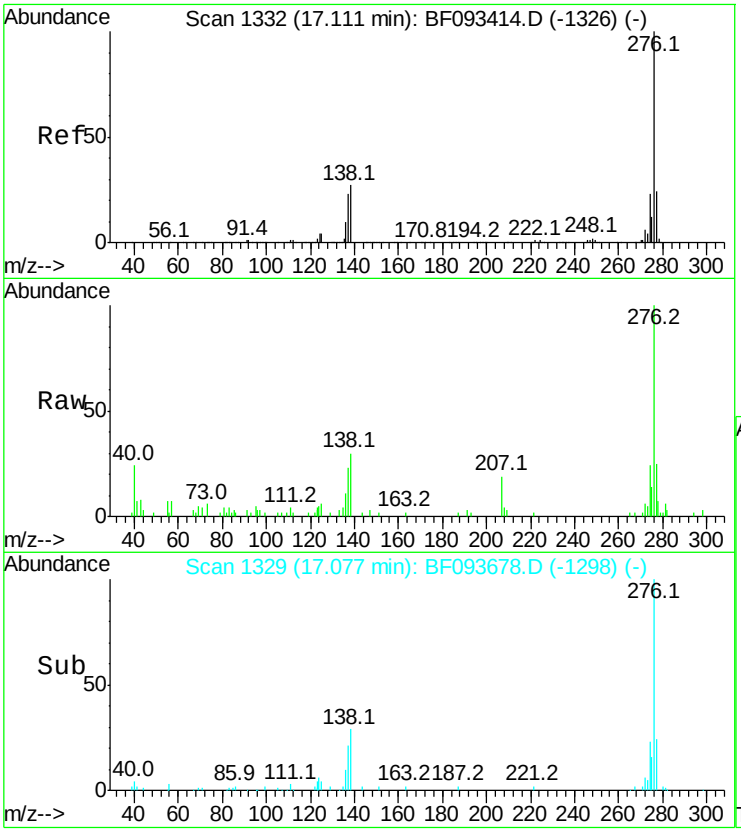


#89
Benzo(a)pyrene
Concen: 3.44 ng
RT: 15.25 min Scan# 1169
Delta R.T. 0.02 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Tgt Ion:252 Resp: 58407

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	13.4	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 3.31 ng
RT: 17.08 min Scan# 1329
Delta R.T. 0.06 min
Lab File: BF093678.D
Acq: 15 Mar 2017 19:59

Instrument :
BNA_F
ClientSampleId :
E2-DD8-BASE

Tgt Ion:276 Resp: 47629

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	30.1	16.0	24.0#