Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\

Quantitation Report (Not Reviewed)

Data File : BF093221.D
Acq On : 27 Feb 2017 22:57
Operator : SJ/MA
Sample : I1997-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1E-ESW-1

Quant Time: Feb 27 23:54:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	173937	20.00	ng		-0.03
21) Naphthalene-d8	8.11	136	651803	20.00	ng		-0.03
38) Acenaphthene-d10	9.86	164	311293	20.00	ng		-0.03
63) Phenanthrene-d10	11.35	188	494108	20.00	ng		-0.03
75) Chrysene-d12	13.99	240	359797	20.00	ng		-0.03
86) Perylene-d12	15.41	264	314517	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1073877	105.92	ng		-0.02
7) Phenol-d6	6.48	99	1530466	117.32	ng		-0.01
23) Nitrobenzene-d5	7.39	82	921260	78.71	ng		-0.03
41) 2,4,6-Tribromophenol	10.65	330	250416	111.22	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1447417	84.24	ng		-0.03
78) Terphenyl-d14	12.93	244	1039501	67.88	ng		-0.03
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.39	70	123702	14.90	ng	#	81
25) Isophorone	7.39	82	701410	32.16	ng	#	65
32) Benzoic acid	7.92	122	232	7.20	ng	#	1
49) Dimethylphthalate	9.58	163	546040	26.04	ng		99
56) 2,4-Dinitrotoluene	9.86	165	40982	6.80	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.65	198	436	2.81	ng	#	1
66) 4-Bromophenyl-phenylether	10.65	248	17168	3.33	ng	#	1
70) Phenanthrene	11.37	178	239180	8.45	ng		97
74) Fluoranthene	12.56	202	368222	12.61	ng		96
77) Pyrene	12.79	202	346904	12.88	ng		97
80) Benzo(a)anthracene	13.97	228	204301	9.28	ng		98
82) Chrysene	14.01	228	137802	6.69	ng		98
85) Indeno(1,2,3-cd)pyrene	16.81	276	98600	6.18	ng		96
87) Benzo(b)fluoranthene	15.00	252	299085	14.45	ng		98
88) Benzo(k)fluoranthene	15.00	252	299085	16.73	ng	#	96
89) Benzo(a)pyrene	15.36	252	175468	9.80	ng		96
90) Dibenzo(a,h)anthracene	16.81	278	30385	2.10	ng	#	83
91) Benzo(g,h,i)perylene	17.23	276	97880	6.69	ng	#	93

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

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\

Quantitation Report (Not Reviewed)

Data File : BF093221.D
Acq On : 27 Feb 2017 22:57
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Sample : I1997-10
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Instrument :
BNA_F
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E2-B1E-ESW-1

Quant Time: Feb 27 23:54:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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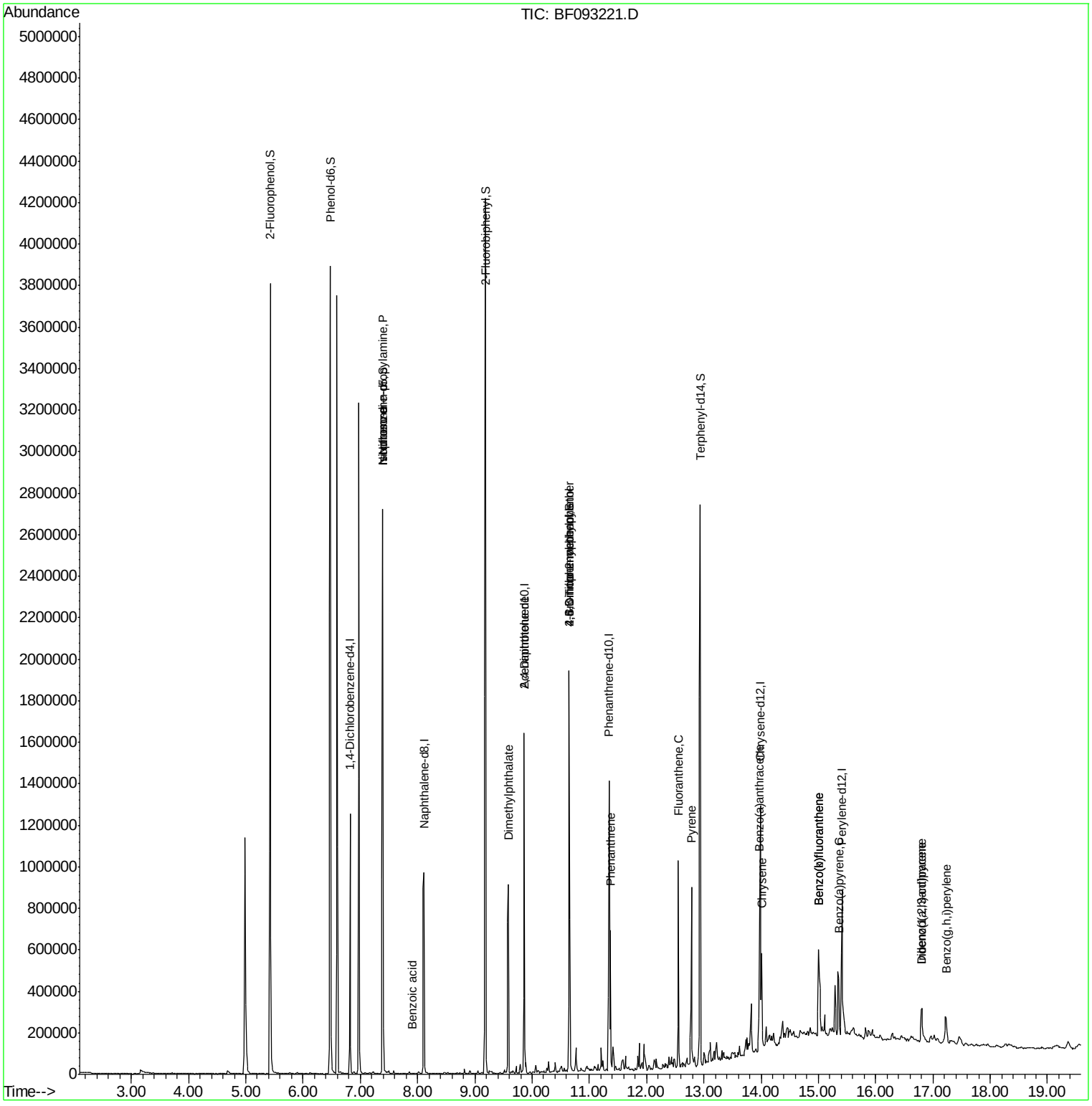
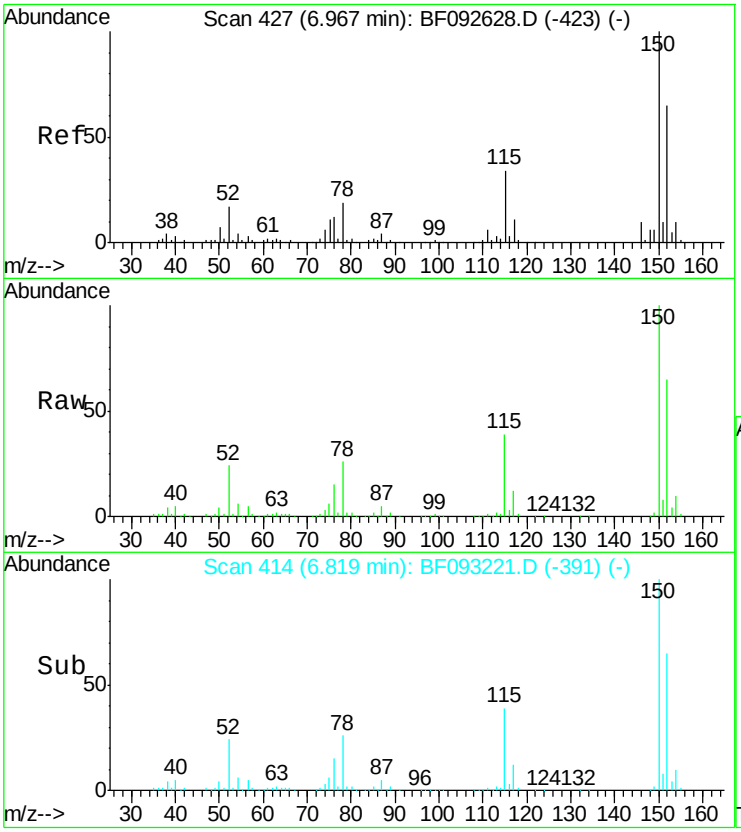


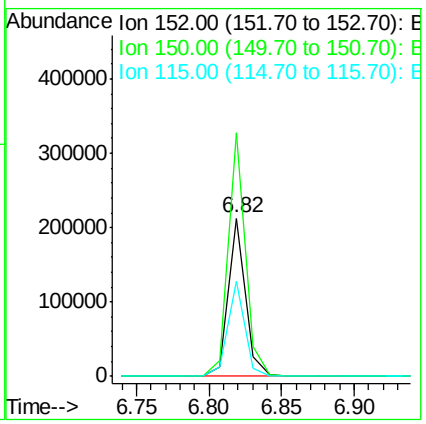


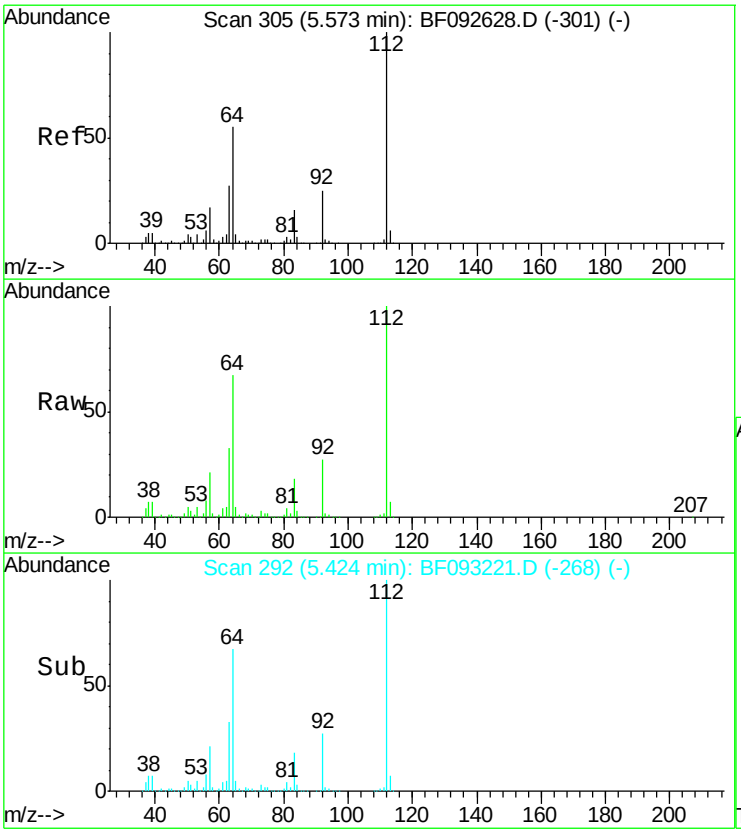
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:152 Resp: 173937

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.9	187.3
115	60.5	46.0	69.0

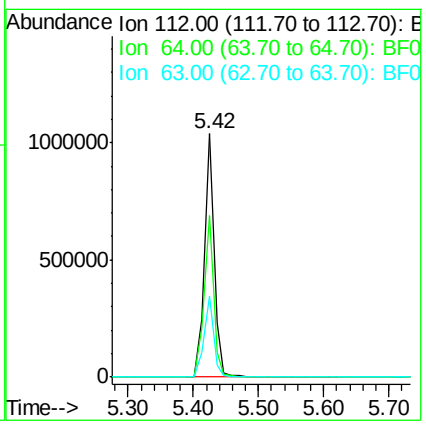


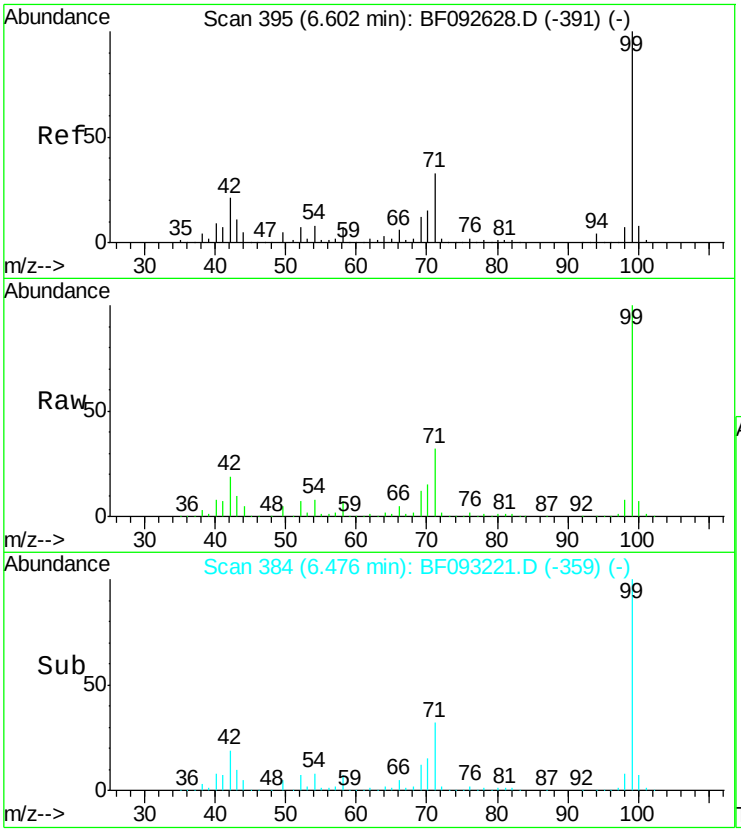


#5
2-Fluorophenol
Concen: 105.92 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:112 Resp: 1073877

Ion	Ratio	Lower	Upper
112	100		
64	66.6	46.1	69.1
63	33.2	23.8	35.6



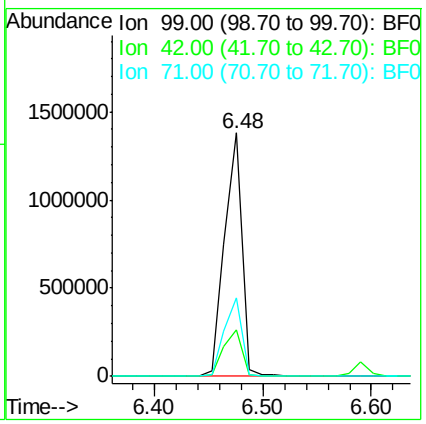


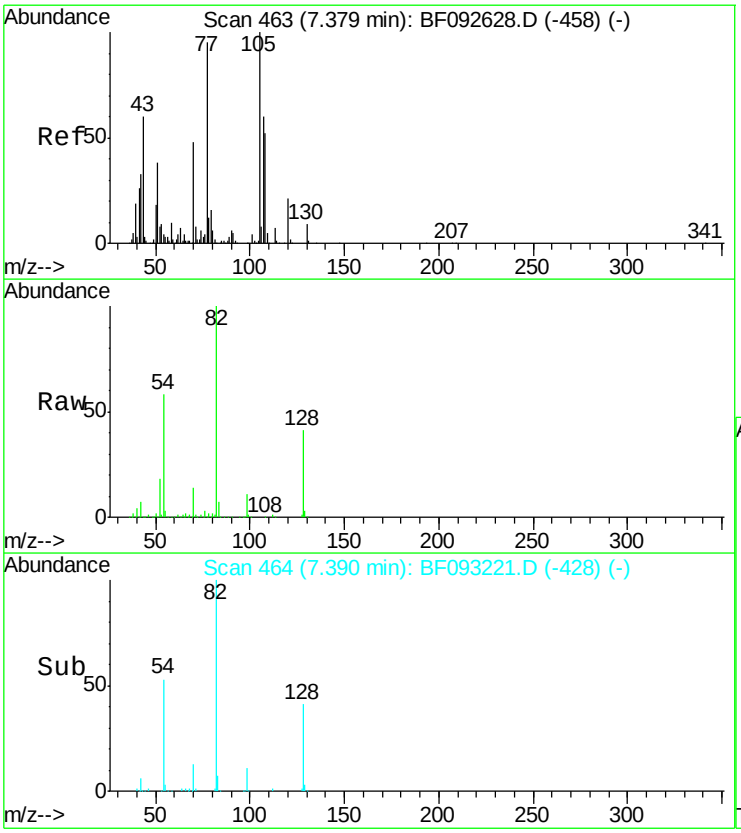
#7
Phenol-d6
Concen: 117.32 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion: 99 Resp: 1530466

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	32.2	27.5	41.3

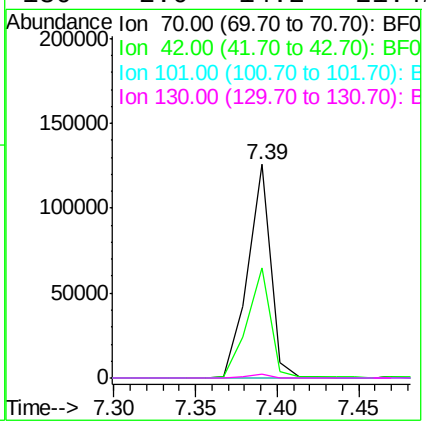


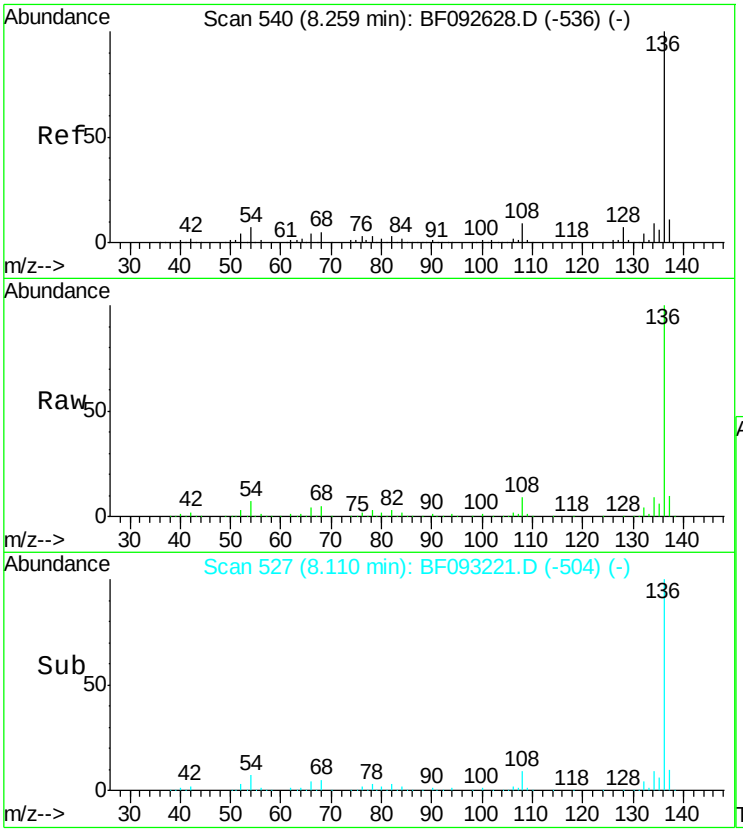


#19
n-Nitroso-di-n-propylamine
Concen: 14.90 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.11 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion: 70 Resp: 123702

Ion	Ratio	Lower	Upper
70	100		
42	51.4	49.4	74.0
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#



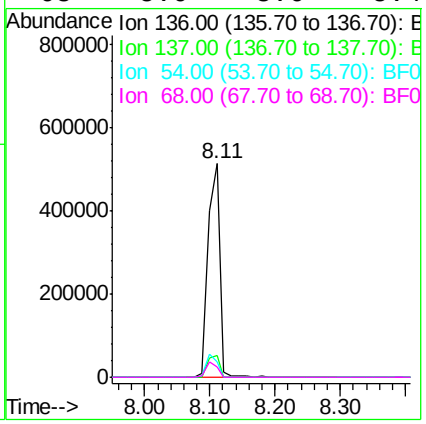


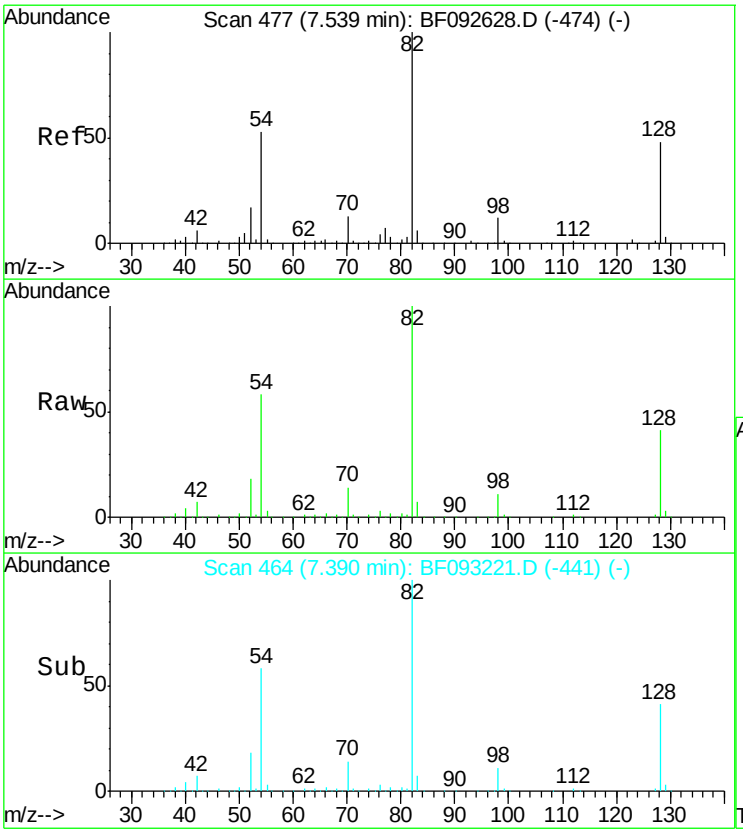
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:136 Resp: 651803

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.4	12.6
54	7.0	4.5	6.7#
68	5.0	3.6	5.4

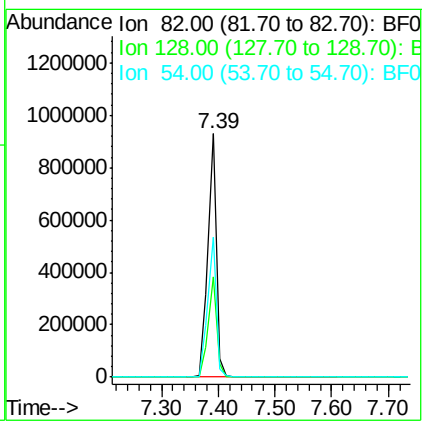


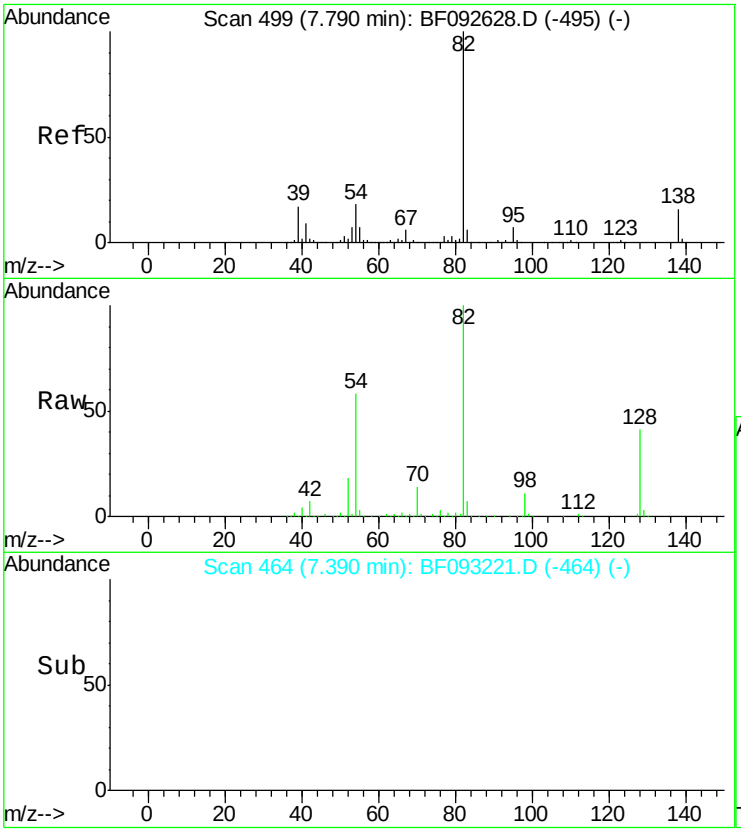


#23
Nitrobenzene-d5
Concen: 78.71 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion: 82 Resp: 921260

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	57.6	39.5	59.3



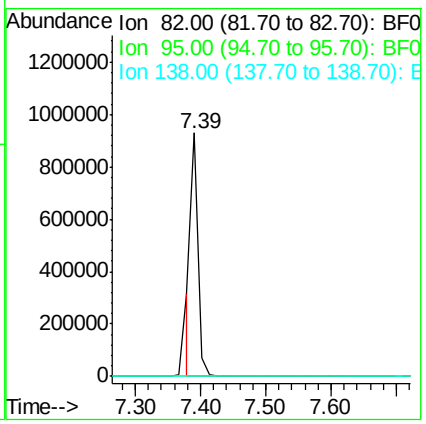


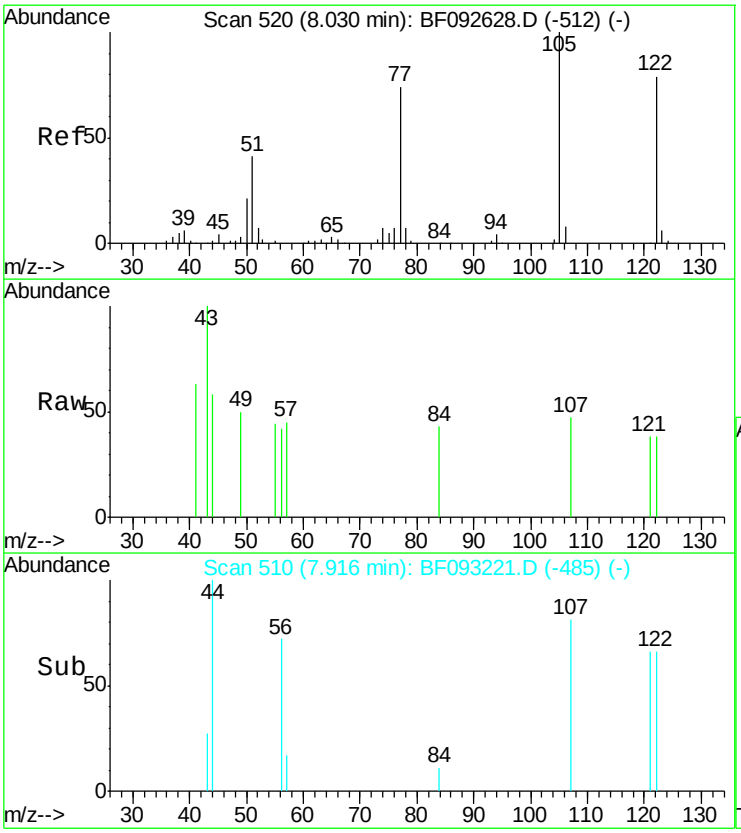
#25
Isophorone
Concen: 32.16 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.30 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion: 82 Resp: 701410

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

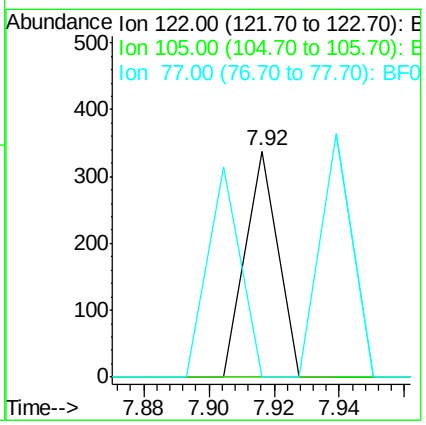


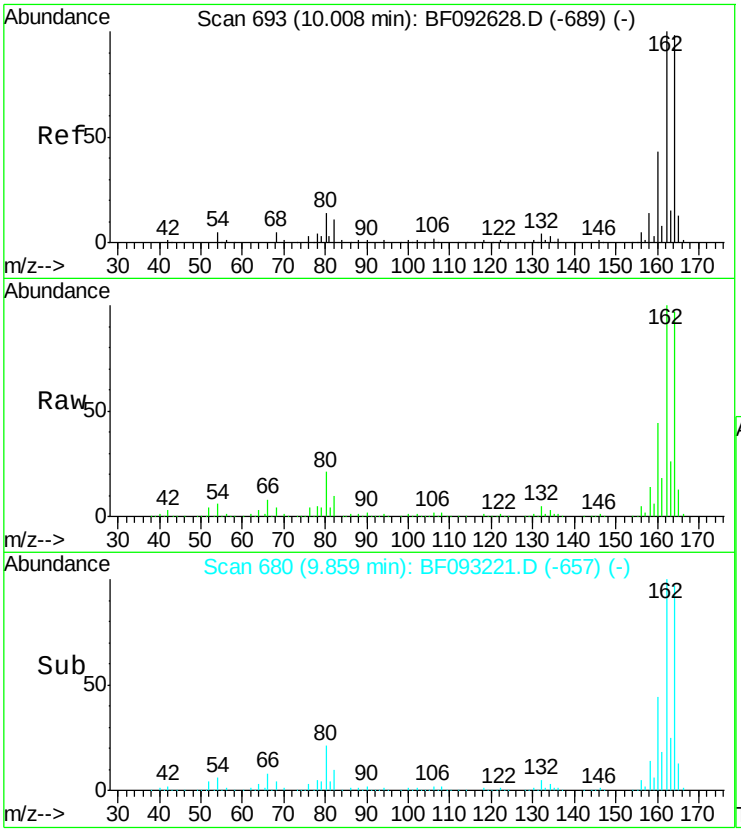


#32
Benzoic acid
Concen: 7.20 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:122 Resp: 232

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	0.0	74.5	114.5#



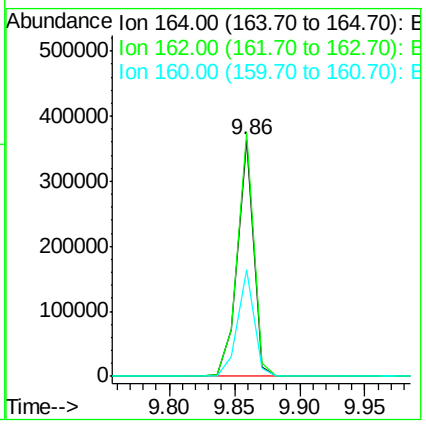


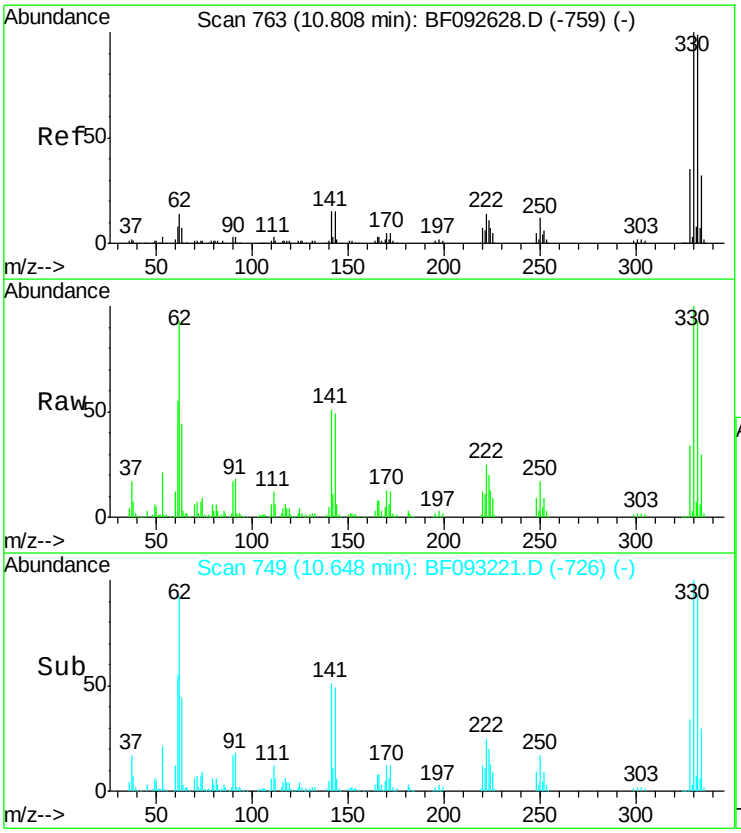
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:164 Resp: 311293

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	45.3	36.9	55.3

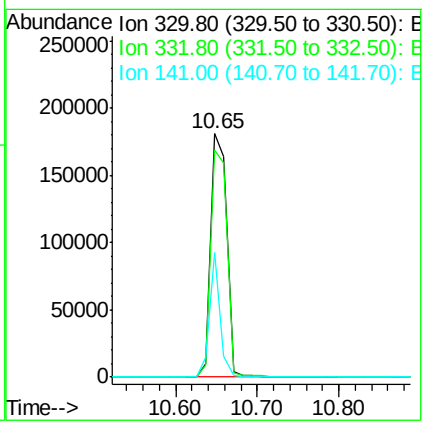


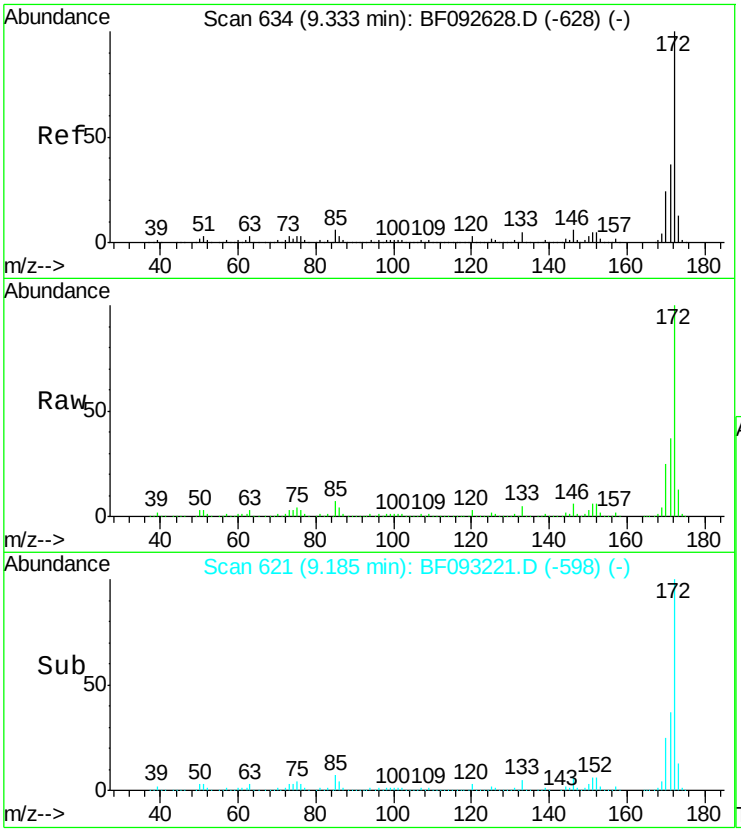


#41
2,4,6-Tribromophenol
Concen: 111.22 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:330 Resp: 250416

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.2
141	34.5	34.1	51.1



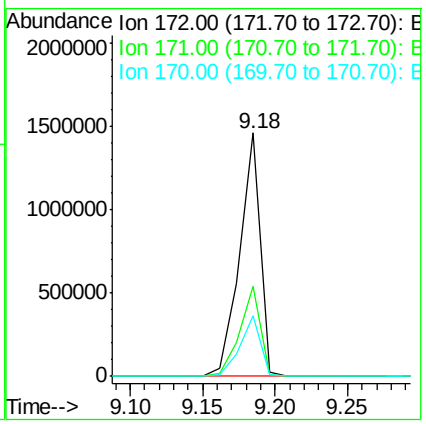


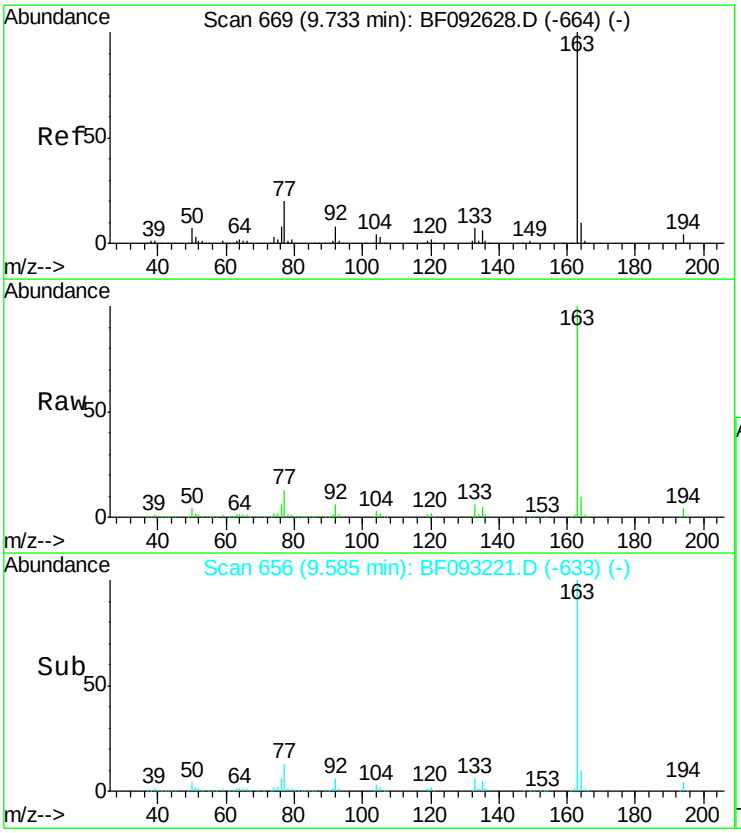
#44
2-Fluorobiphenyl
Concen: 84.24 ng
RT: 9.18 min Scan# 621
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:172 Resp: 1447417

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.7	20.2	30.4

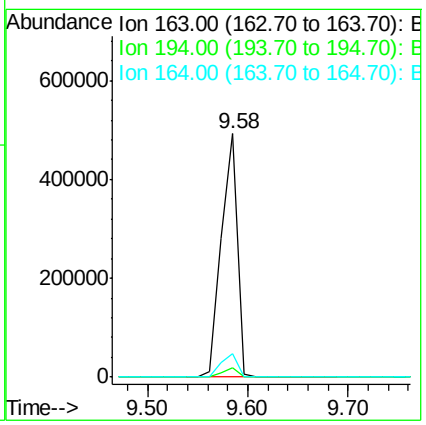


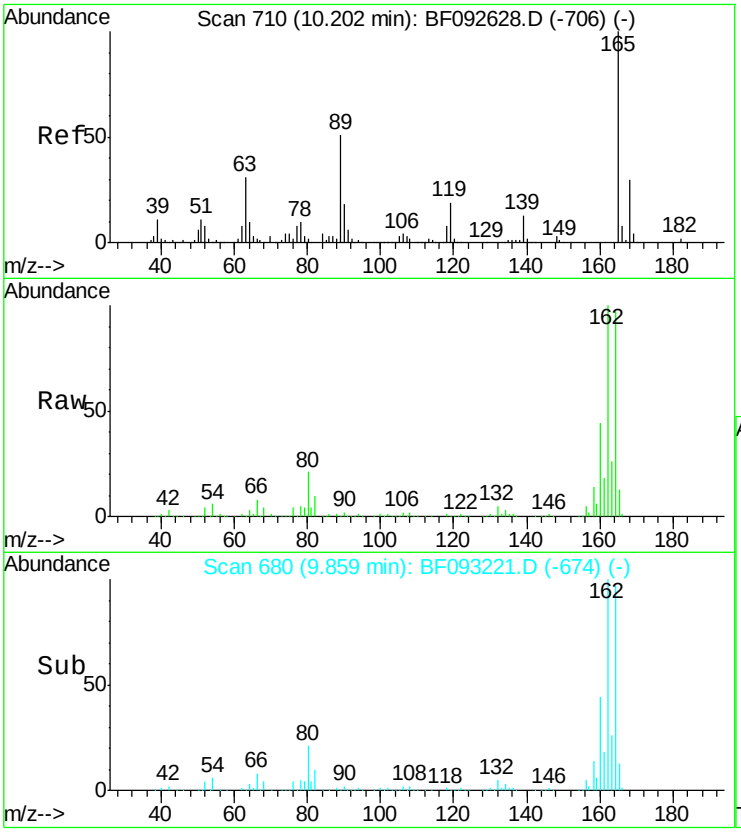


#49
Dimethylphthalate
Concen: 26.04 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:163 Resp: 546040

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.4
164	9.5	8.0	12.0



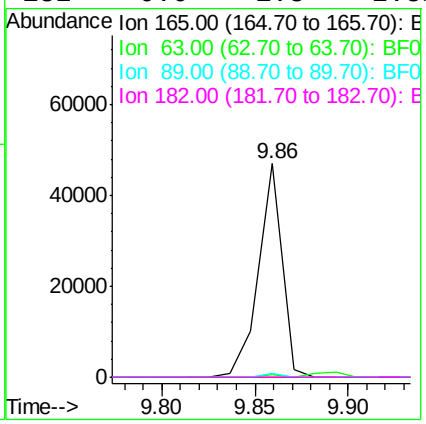


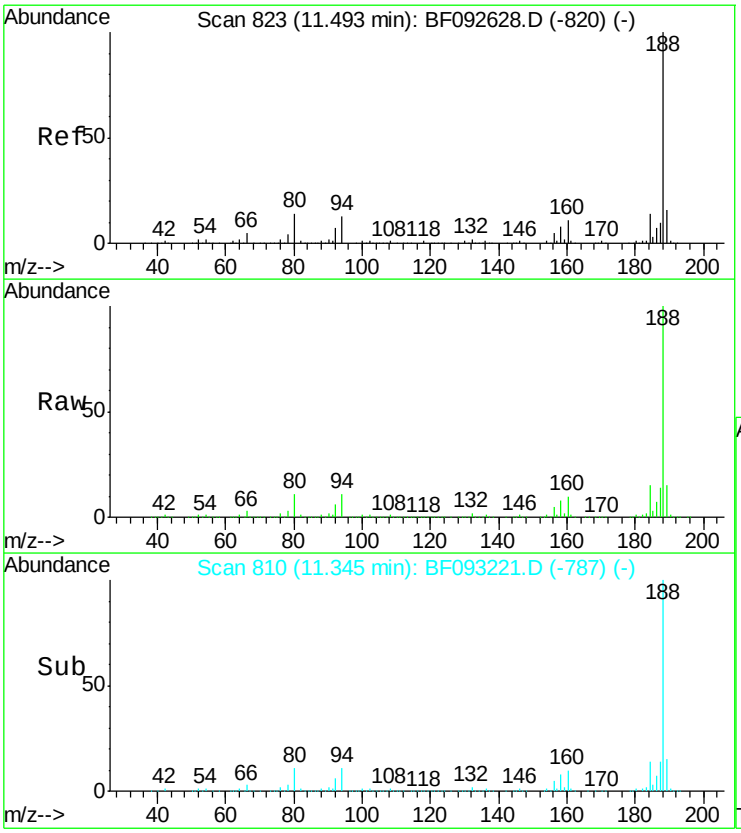
#56
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.23 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:165 Resp: 40982

Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.2	60.4#
89	1.6	62.5	93.7#
182	0.0	1.8	2.8#

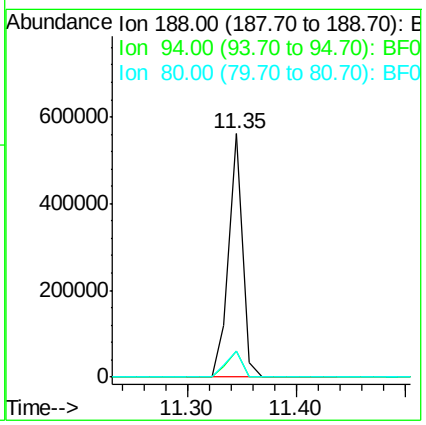


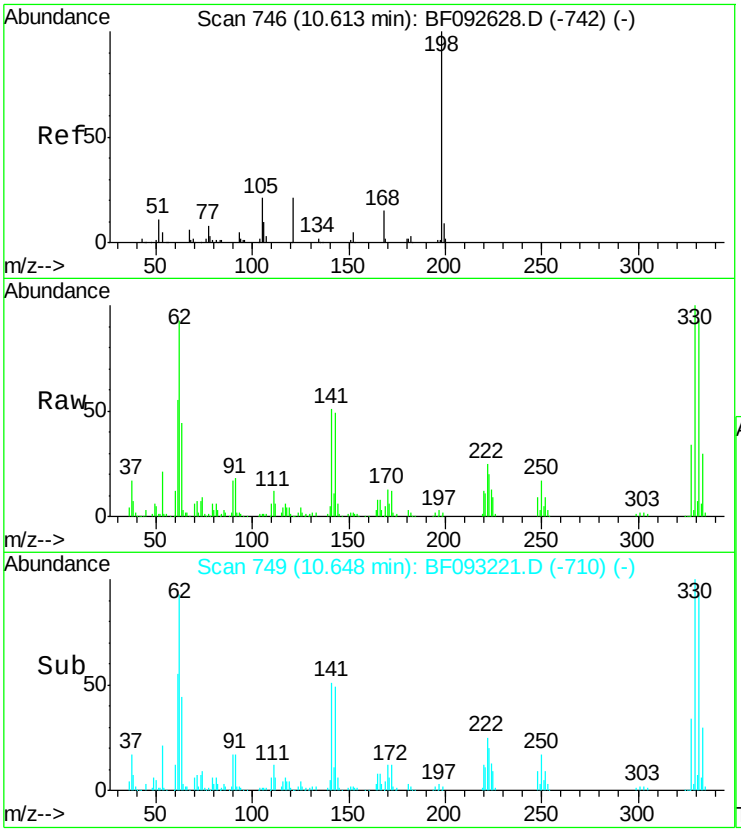


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.35 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:188 Resp: 494108

Ion	Ratio	Lower	Upper
188	100		
94	10.7	10.0	15.0
80	10.9	11.2	16.8#



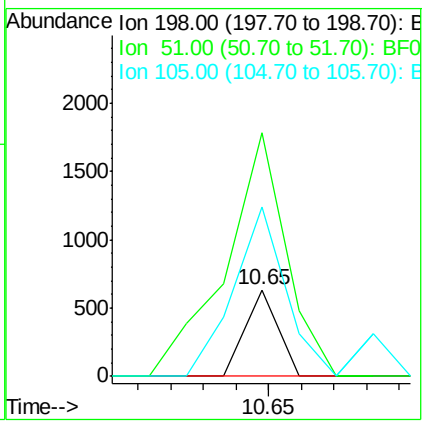


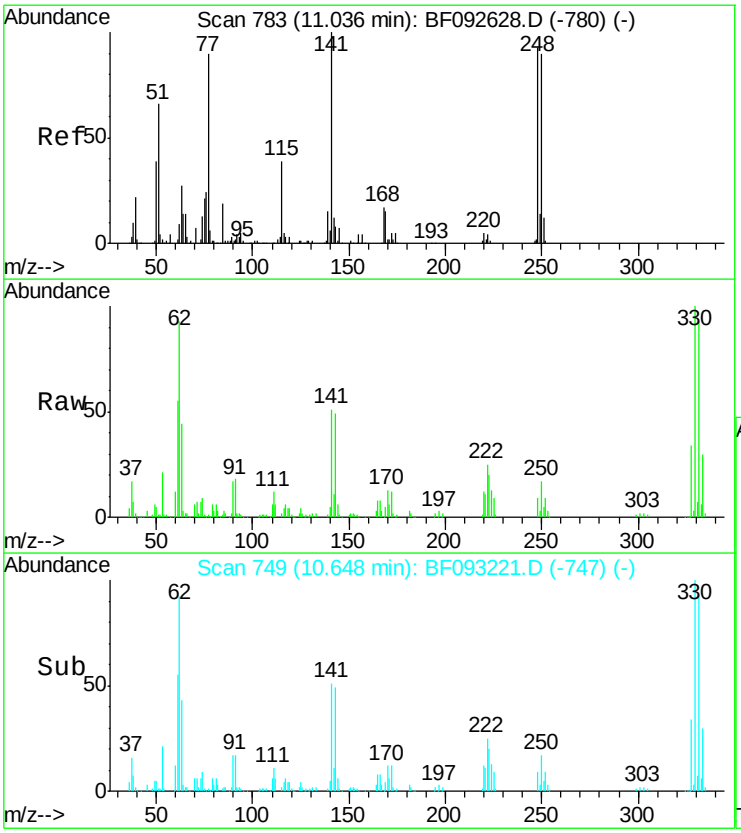
#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.15 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:198 Resp: 436

Ion	Ratio	Lower	Upper
198	100		
51	280.3	6.7	46.7#
105	195.3	16.6	56.6#

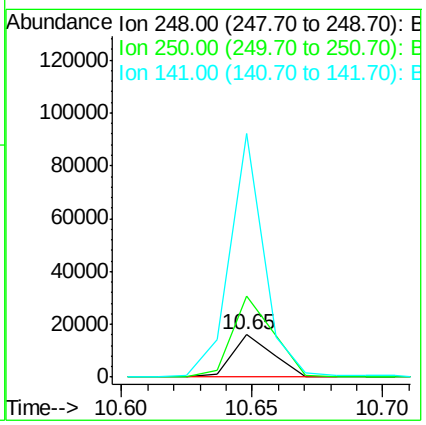


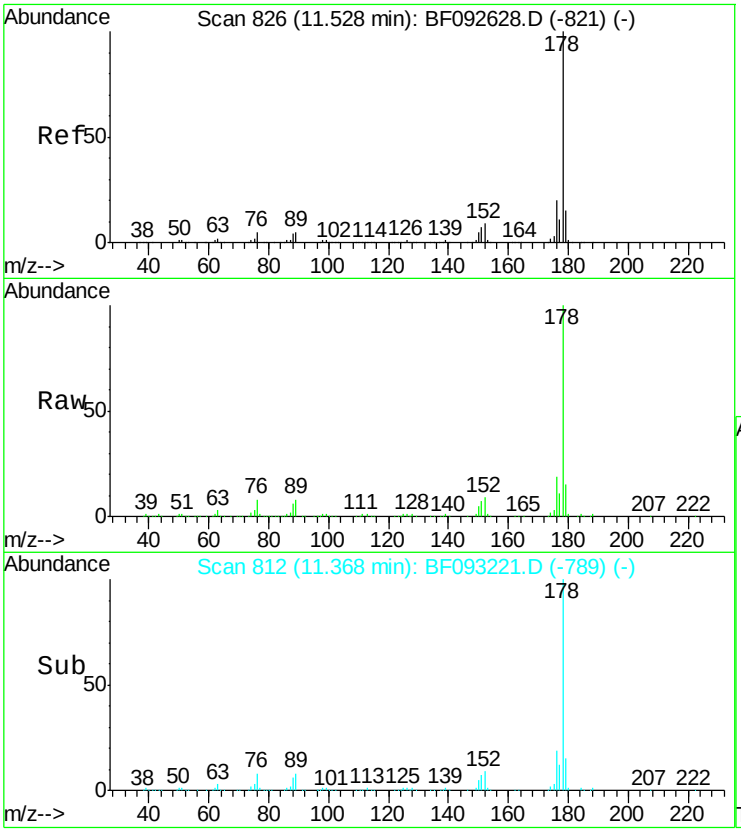


#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:248 Resp: 17168

Ion	Ratio	Lower	Upper
248	100		
250	192.1	76.9	115.3#
141	576.4	68.2	102.4#



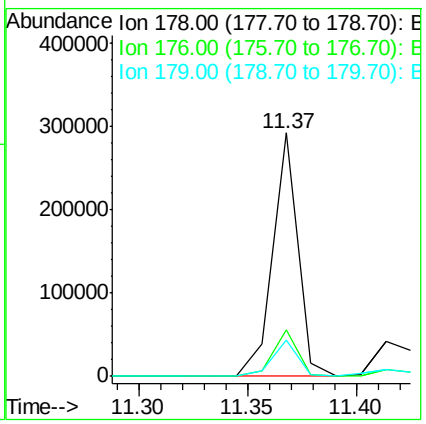


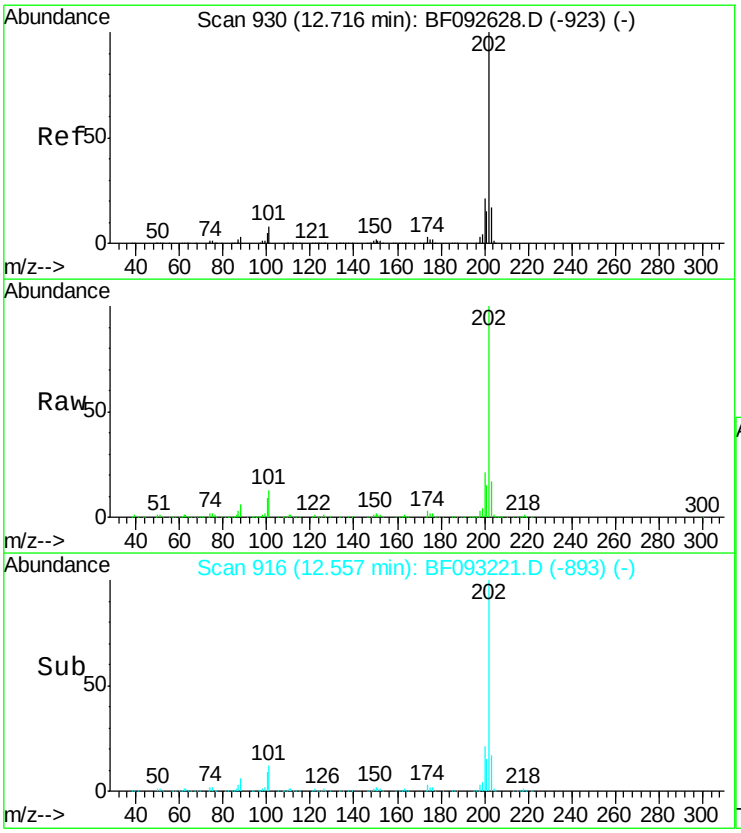
#70
Phenanthrene
Concen: 8.45 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:178 Resp: 239180

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.6	25.0
179	15.0	12.8	19.2

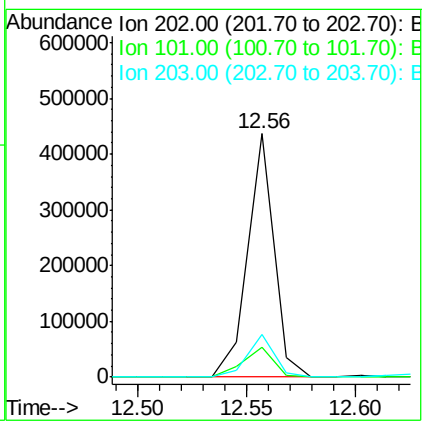


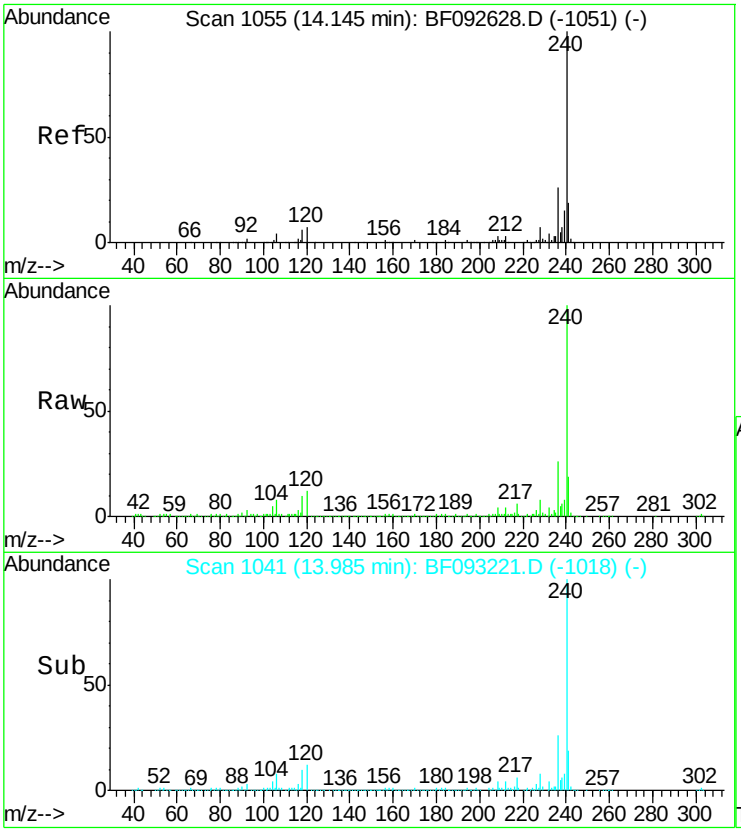


#74
Fluoranthene
Concen: 12.61 ng
RT: 12.56 min Scan# 916
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:202 Resp: 368222

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	34.6
203	17.5	0.0	38.7



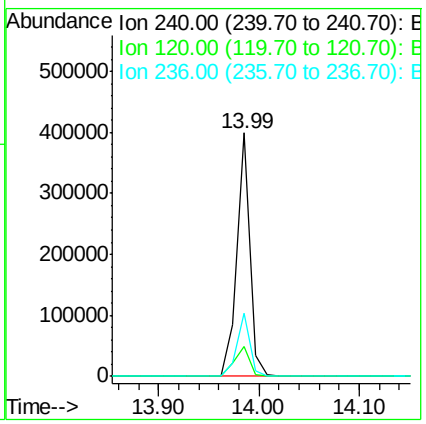


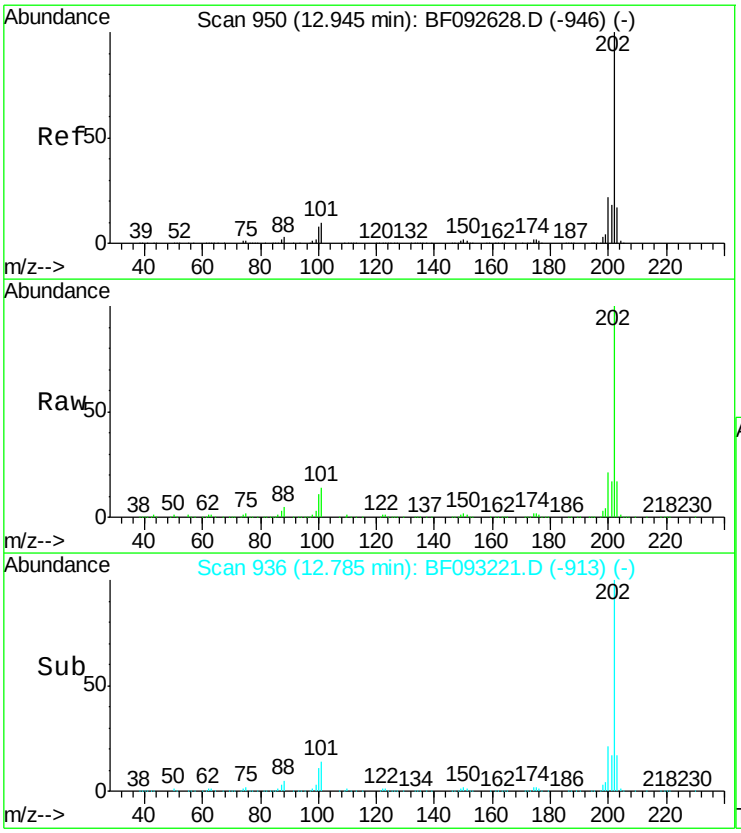
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:240 Resp: 359797

Ion	Ratio	Lower	Upper
240	100		
120	12.3	12.9	19.3#
236	25.9	20.9	31.3

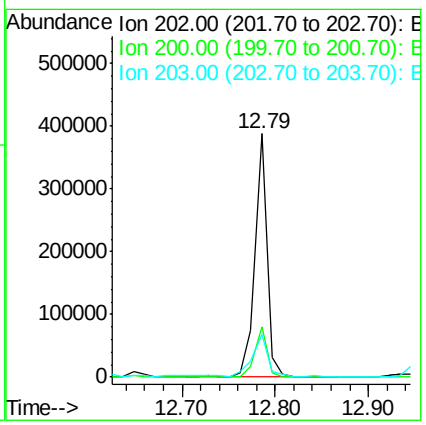


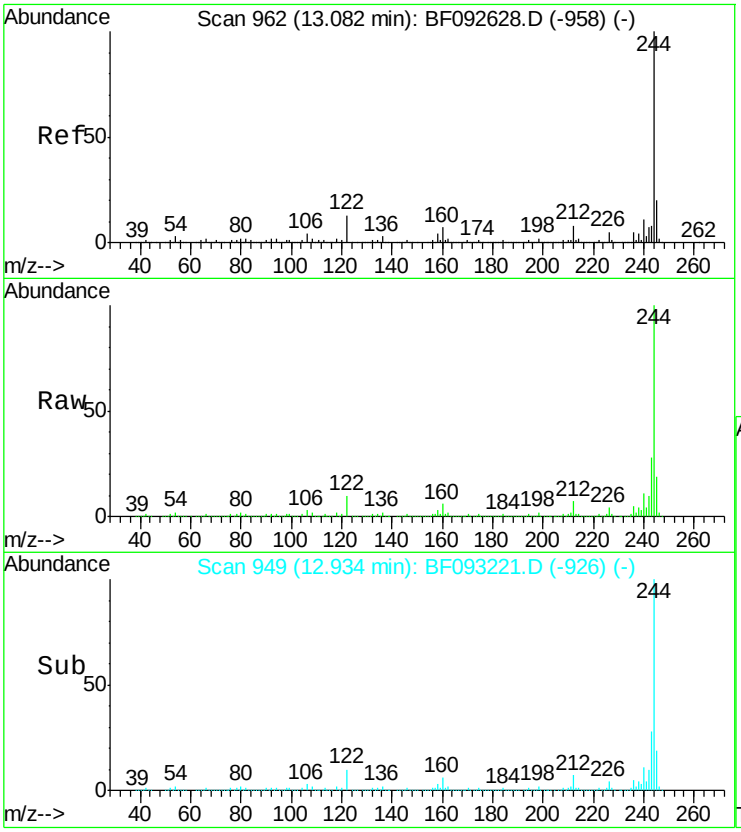


#77
Pyrene
Concen: 12.88 ng
RT: 12.79 min Scan# 936
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:202 Resp: 346904

Ion	Ratio	Lower	Upper
202	100		
200	20.6	17.7	26.5
203	17.3	14.7	22.1



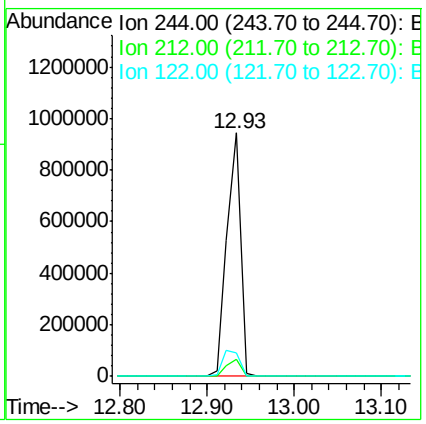


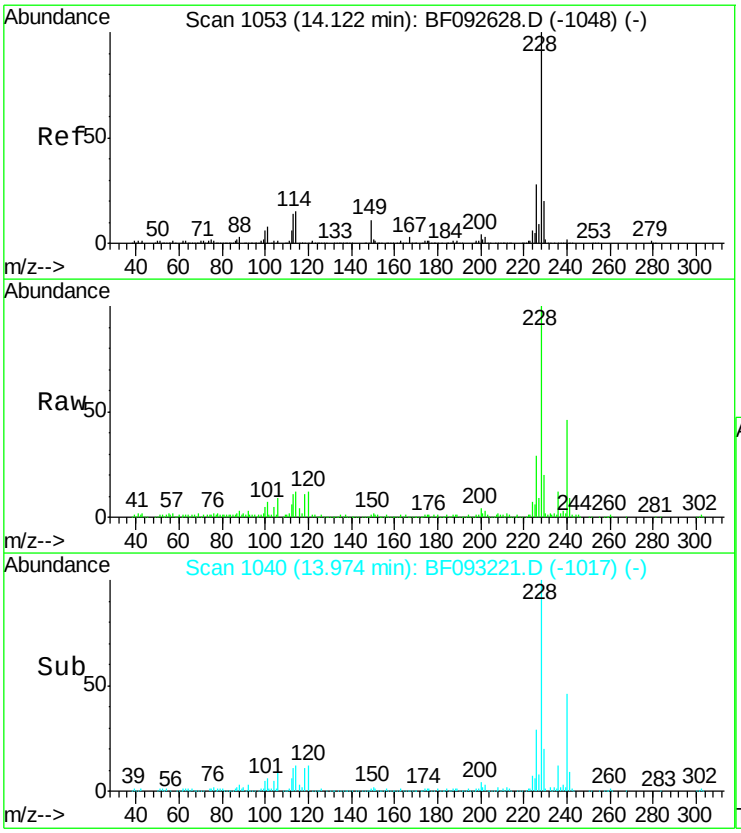
#78
Terphenyl-d14
Concen: 67.88 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:244 Resp: 1039501

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	9.6	11.4	17.2#

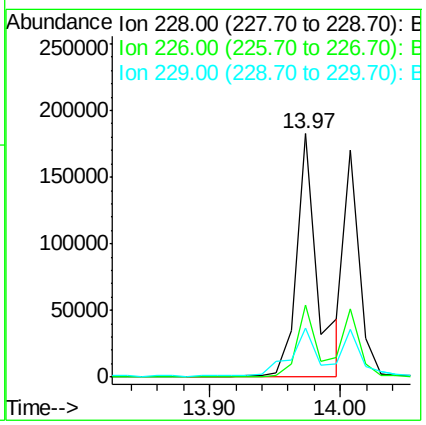


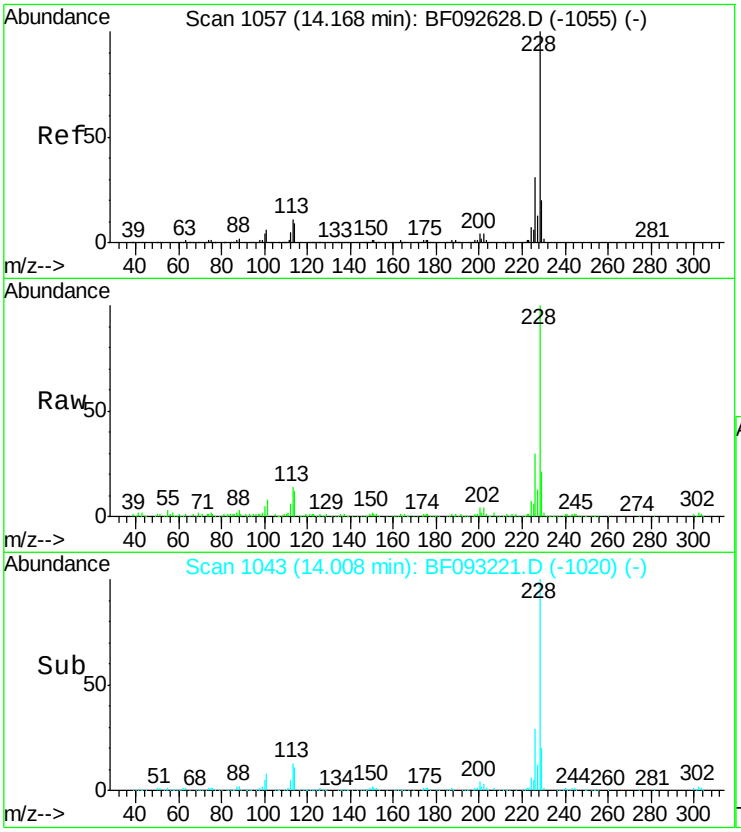


#80
Benzo(a)anthracene
Concen: 9.28 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:228 Resp: 204301

Ion	Ratio	Lower	Upper
228	100		
226	29.4	22.4	33.6
229	20.4	16.2	24.4



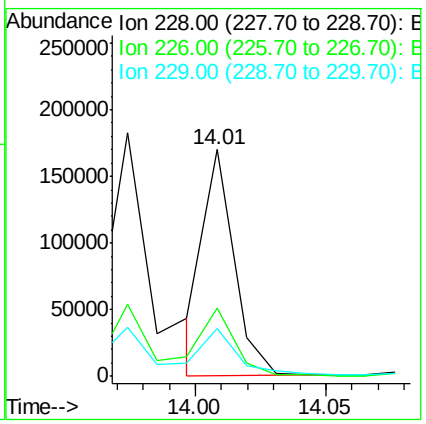


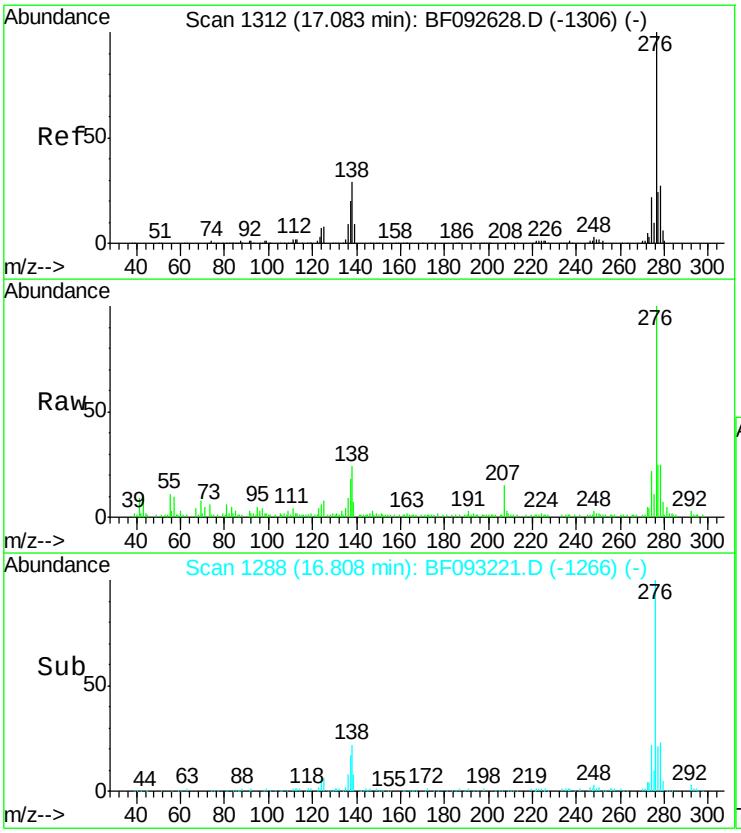
#82
Chrysene
Concen: 6.69 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:228 Resp: 137802

Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	21.0	16.2	24.2

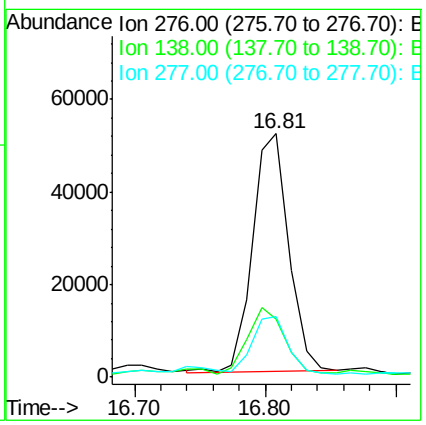


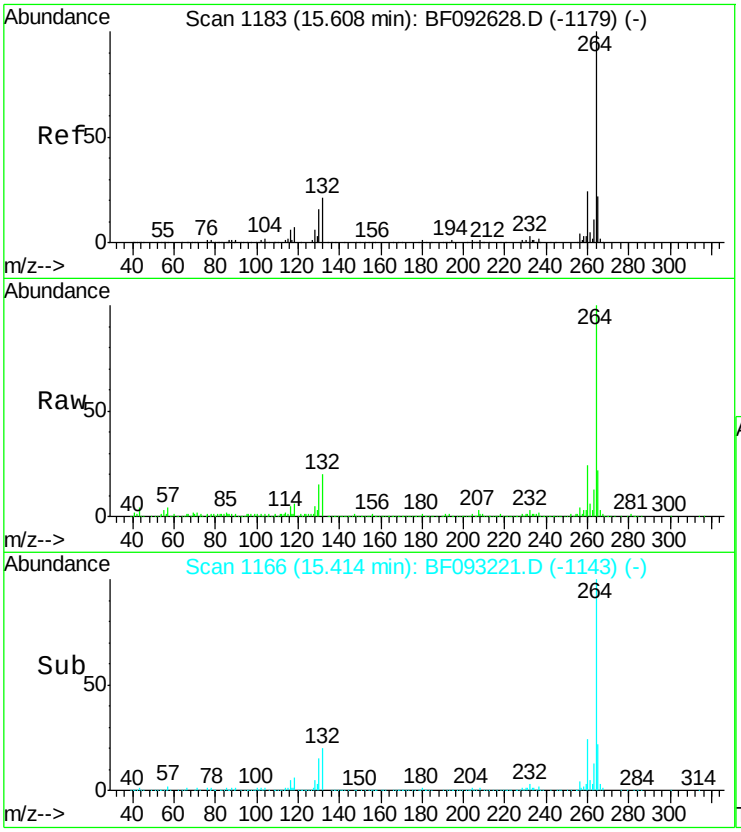


#85
Indeno(1,2,3-cd)pyrene
Concen: 6.18 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.05 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:276 Resp: 98600

Ion	Ratio	Lower	Upper
276	100		
138	29.4	21.8	32.6
277	23.3	20.2	30.4



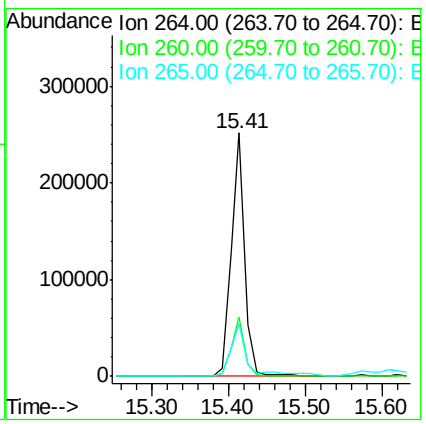


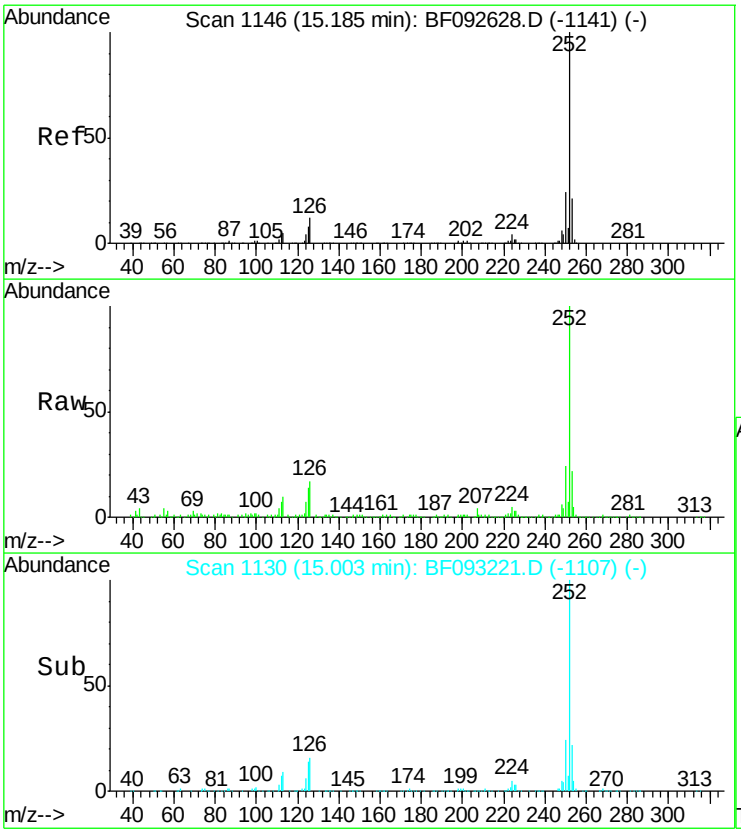
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:264 Resp: 314517

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.9	17.4	26.0

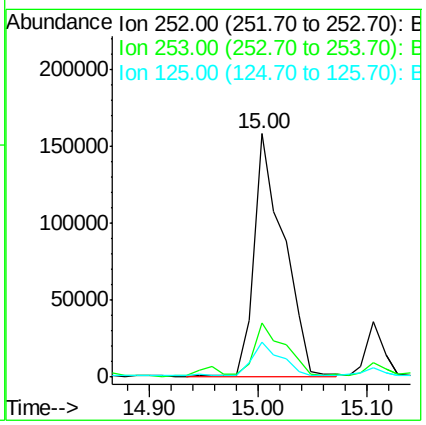


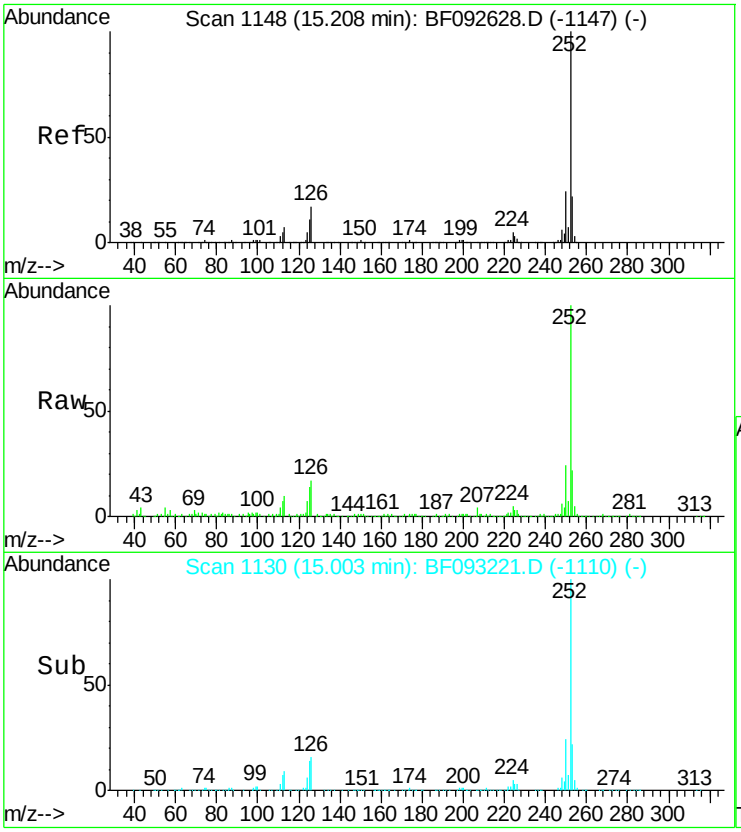


#87
Benzo(b)fluoranthene
Concen: 14.45 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:252 Resp: 299085

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	14.3	9.8	14.6



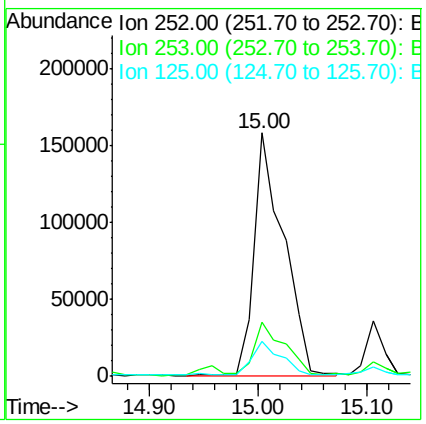


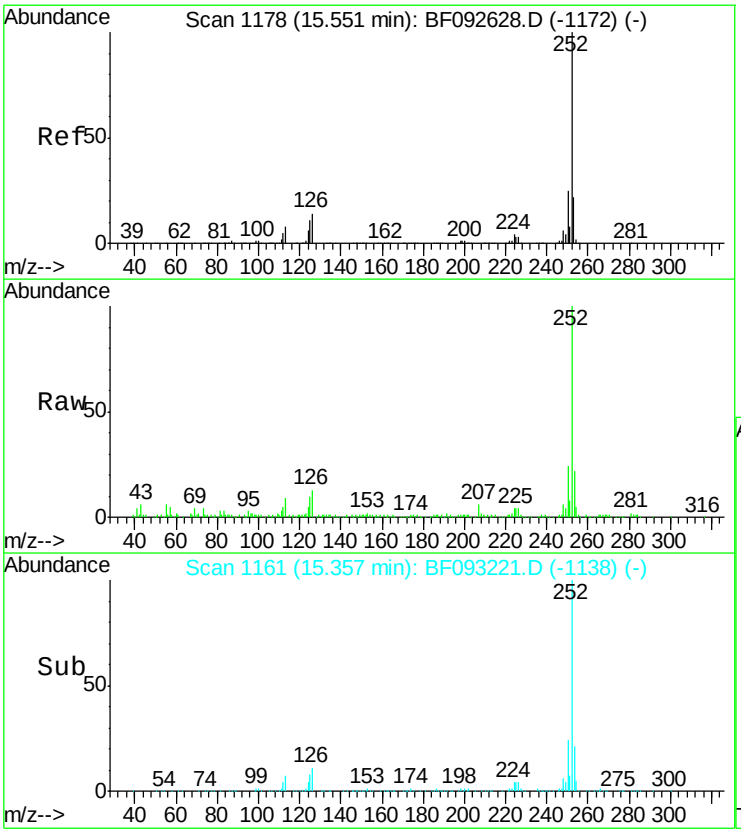
#88
Benzo(k)fluoranthene
Concen: 16.73 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.07 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:252 Resp: 299085

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	14.3	8.9	13.3#

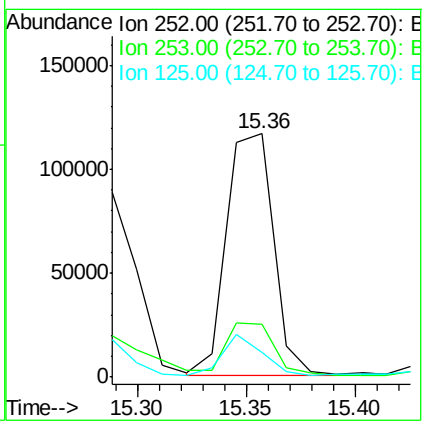


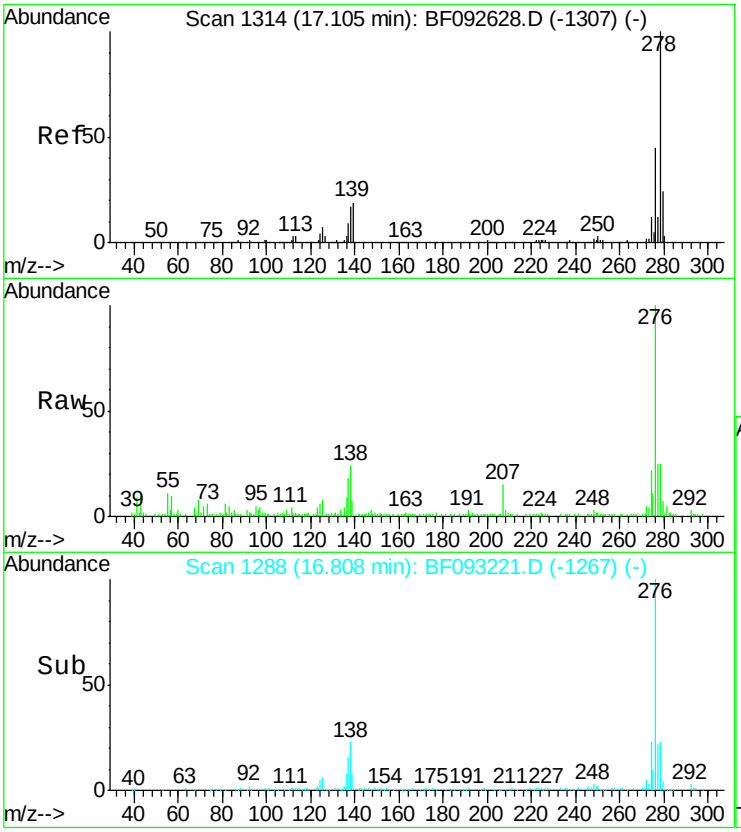


#89
Benzo(a)pyrene
Concen: 9.80 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:252 Resp: 175468

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	10.0	10.0	15.0



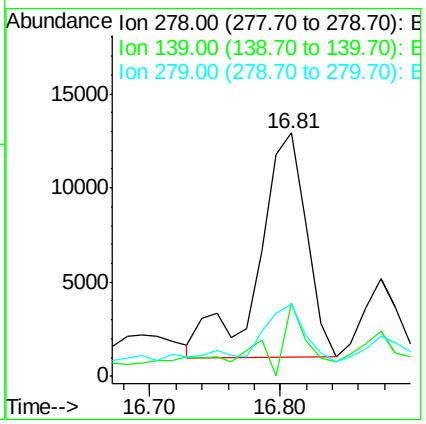


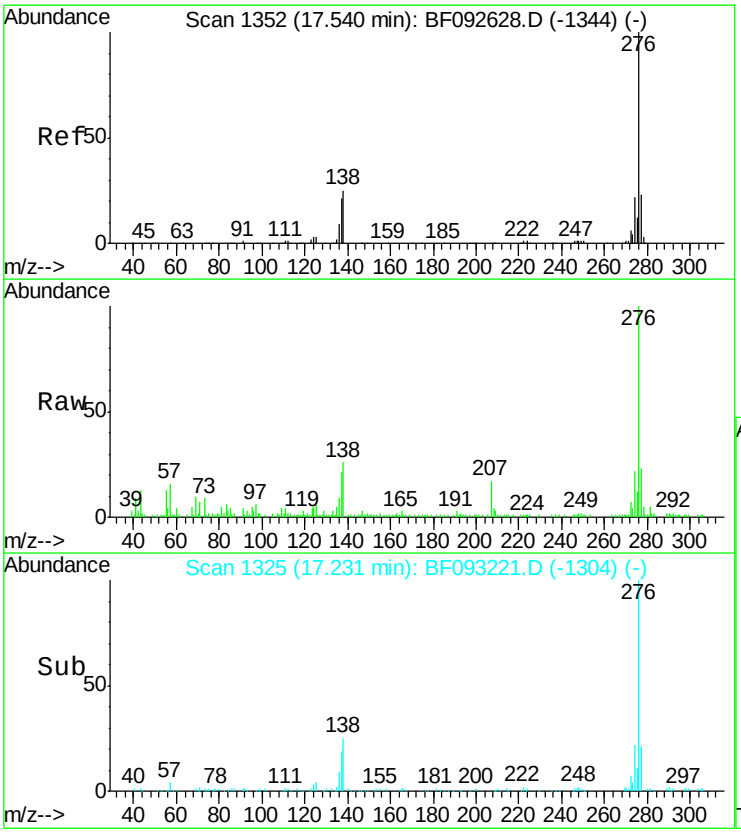
#90
Dibenzo(a,h)anthracene
Concen: 2.10 ng
RT: 16.81 min Scan# 1288
Delta R.T. -0.06 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_F
ClientSampleId :
E2-B1E-ESW-1

Tgt Ion:278 Resp: 30385

Ion	Ratio	Lower	Upper
278	100		
139	30.3	14.8	22.2#
279	29.7	19.8	29.6#





#91
Benzo(g,h,i)perylene
Concen: 6.69 ng
RT: 17.23 min Scan# 1325
Delta R.T. -0.06 min
Lab File: BF093221.D
Acq: 27 Feb 2017 22:57

Tgt Ion:276 Resp: 97880

Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.2	28.8
138	26.2	16.0	24.0#