Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
Data File : BF092235.D
Acq On : 13 Jan 2017 5:15
Operator : UM/SJ
Sample : I1131-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SW-004

Quant Time: Jan 13 06:48:34 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	138685	20.00	ng		-0.05
21) Naphthalene-d8	7.88	136	585925	20.00	ng		-0.06
38) Acenaphthene-d10	9.62	164	270659	20.00	ng		-0.06
63) Phenanthrene-d10	11.11	188	415993	20.00	ng		-0.05
75) Chrysene-d12	13.73	240	321121	20.00	ng		-0.06
86) Perylene-d12	15.09	264	315385	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1714139	206.38	ng		-0.03
7) Phenol-d6	6.26	99	1835562	181.01	ng		-0.05
23) Nitrobenzene-d5	7.17	82	1212598	115.08	ng		-0.05
41) 2,4,6-Tribromophenol	10.42	330	346005	154.47	ng		-0.05
44) 2-Fluorobiphenyl	8.96	172	1403706	110.07	ng		-0.05
78) Terphenyl-d14	12.69	244	992155	74.93	ng		-0.06
Target Compounds							Qvalue
9) Benzaldehyde	6.16	77	1263	Below Cal		#	62
10) Phenol	6.28	94	36817	3.19	ng		81
19) n-Nitroso-di-n-propylamine	7.17	70	162328	24.06	ng	#	76
25) Isophorone	7.17	82	1201430	61.80	ng	#	65
37) 2-Methylnaphthalene	8.60	142	3746	Below Cal			95
49) Dimethylphthalate	9.36	163	387876	22.41	ng		99
56) 2,4-Dinitrotoluene	9.62	165	35555	7.48	ng	#	20
66) 4-Bromophenyl-phenylether	10.42	248	21325	4.93	ng	#	1
73) Di-n-butylphthalate	11.68	149	3389	Below Cal		#	89
74) Fluoranthene	12.31	202	129836	2.99	ng		94
76) Benzidine	12.69	184	12783	Below Cal			98
77) Pyrene	12.54	202	108966	4.62	ng		97
80) Benzo(a)anthracene	13.73	228	67566	3.73	ng		98
82) Chrysene	13.73	228	67566	3.72	ng		97
85) Indeno(1,2,3-cd)pyrene	16.33	276	34949	2.22	ng	#	88
87) Benzo(b)fluoranthene	14.72	252	118252	6.02	ng	#	98
88) Benzo(k)fluoranthene	14.72	252	118252	7.06	ng	#	96
89) Benzo(a)pyrene	15.04	252	61265	3.52	ng		97
91) Benzo(g,h,i)perylene	16.71	276	36651	2.46	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
Data File : BF092235.D
Acq On : 13 Jan 2017 5:15
Operator : UM/SJ
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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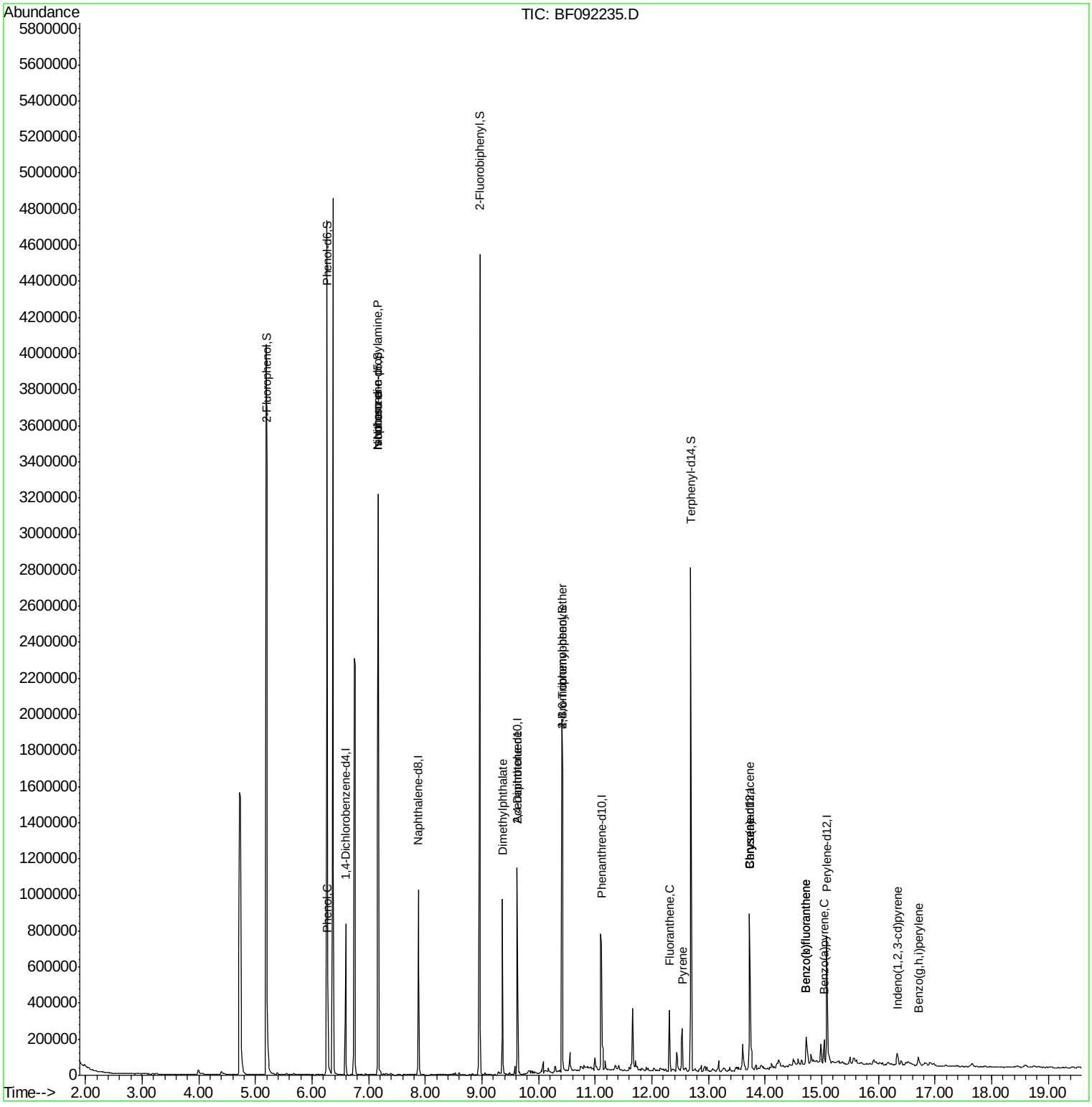
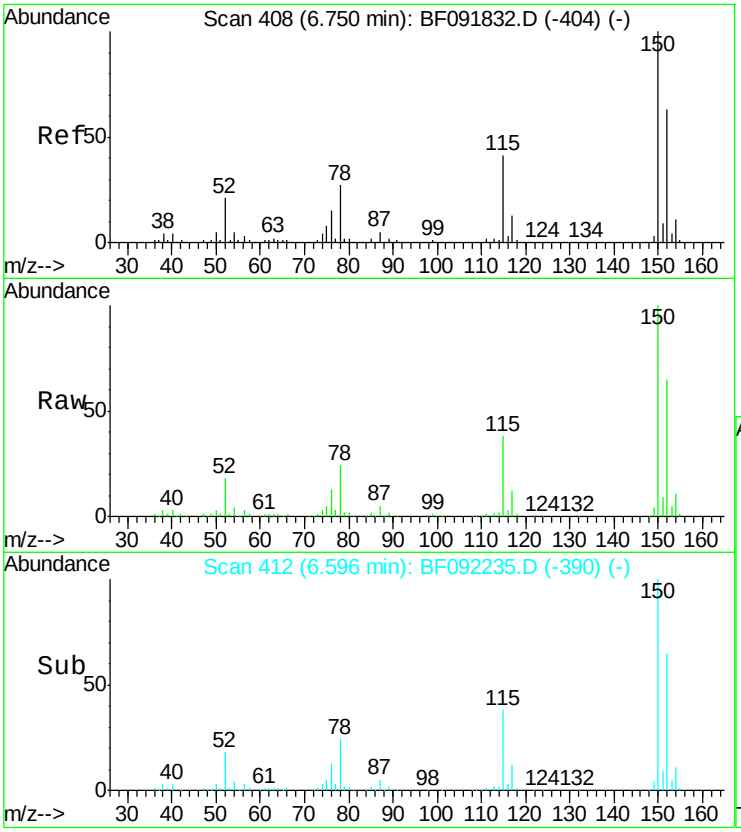


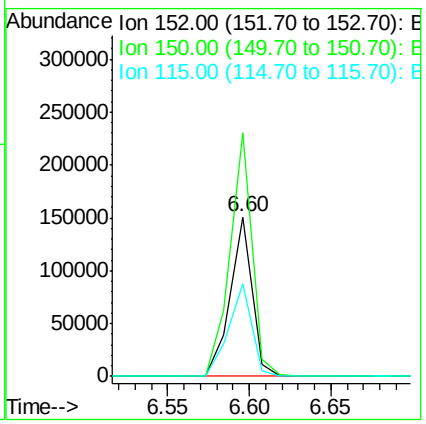


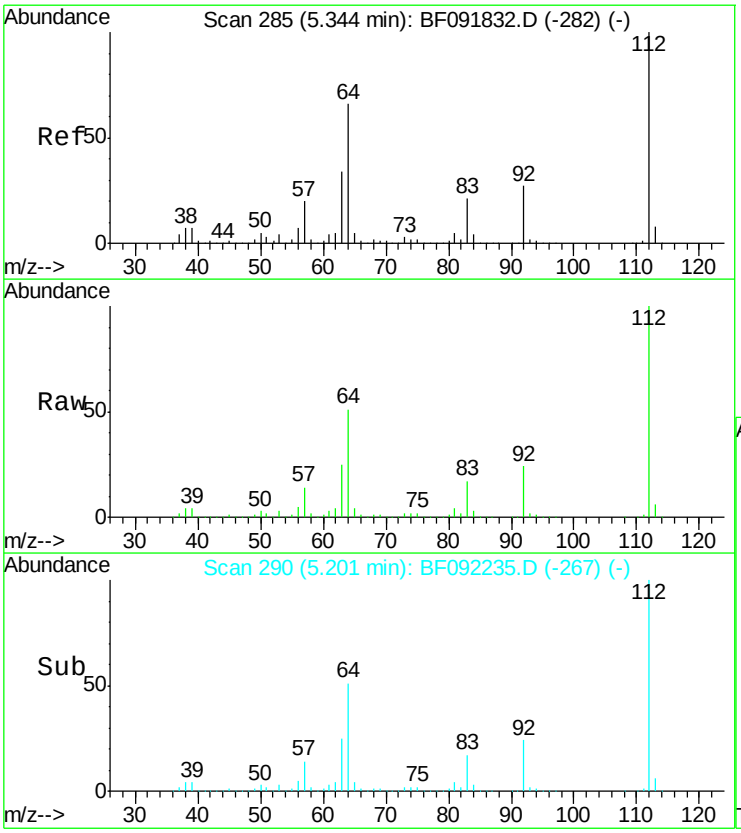
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion:152 Resp: 138685

Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.9	187.3
115	58.1	46.0	69.0

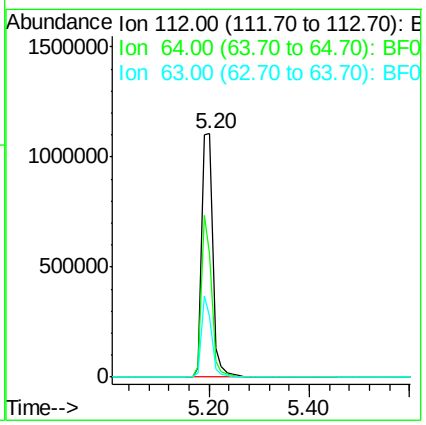


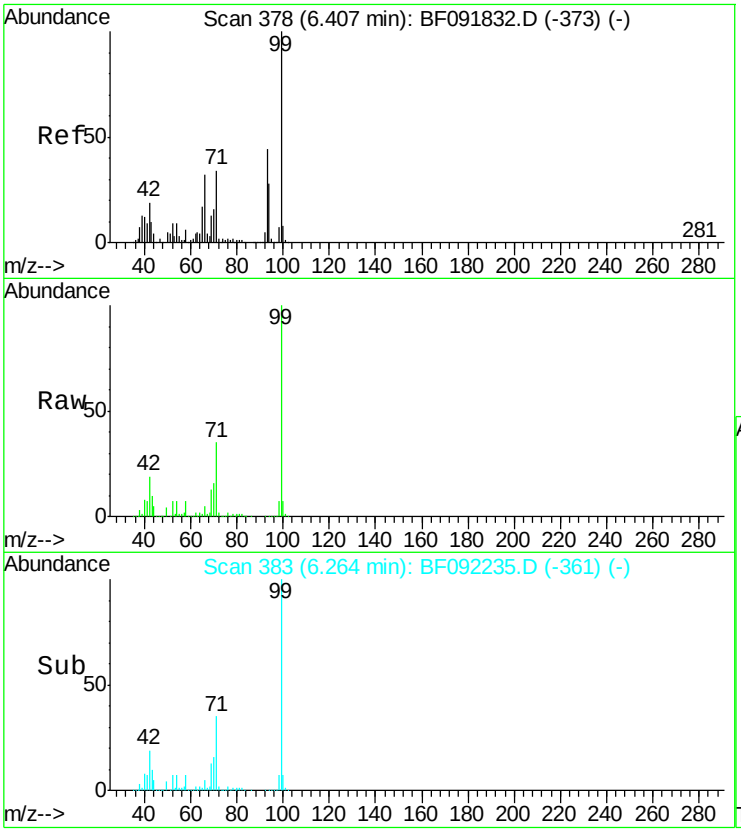


#5
2-Fluorophenol
Concen: 206.38 ng
RT: 5.20 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:112 Resp: 1714139

Ion	Ratio	Lower	Upper
112	100		
64	50.7	46.1	69.1
63	24.9	23.8	35.6



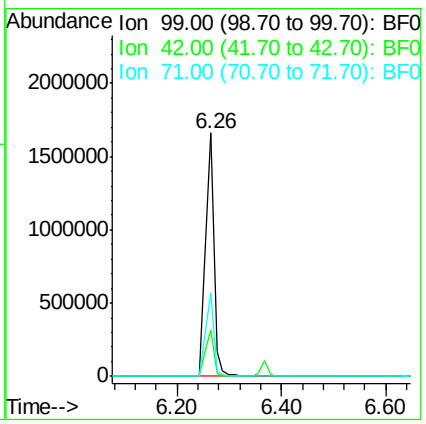


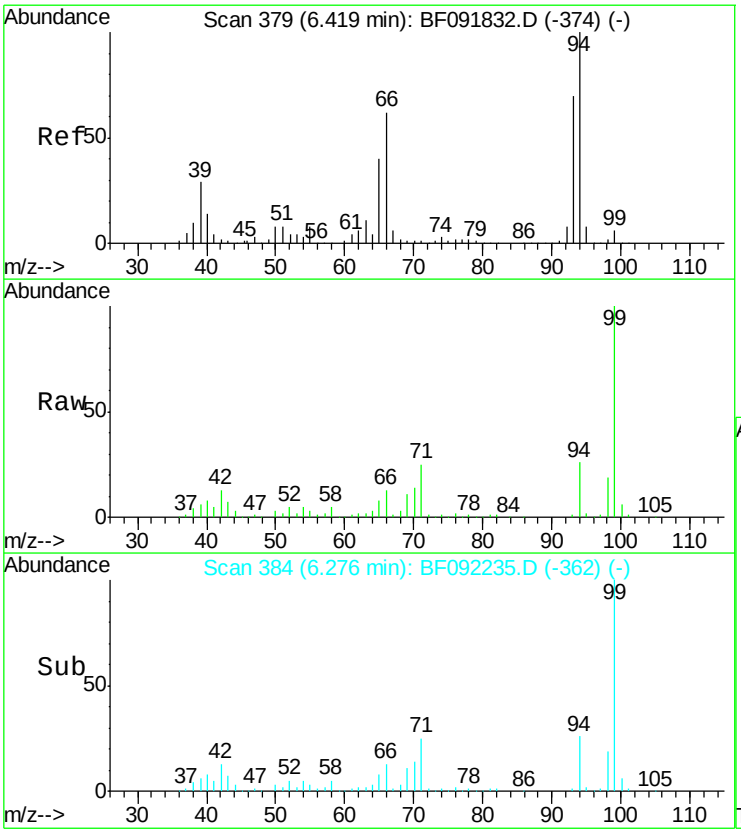
#7
Phenol-d6
Concen: 181.01 ng
RT: 6.26 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion: 99 Resp: 1835562

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.6	23.4
71	34.5	27.5	41.3

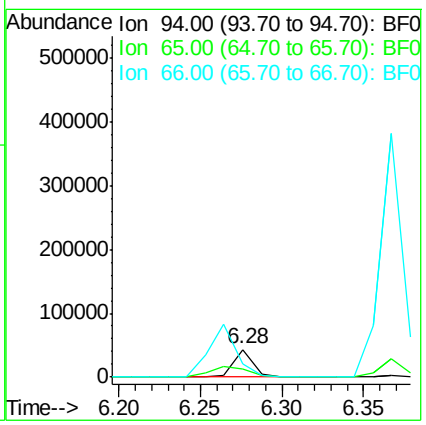


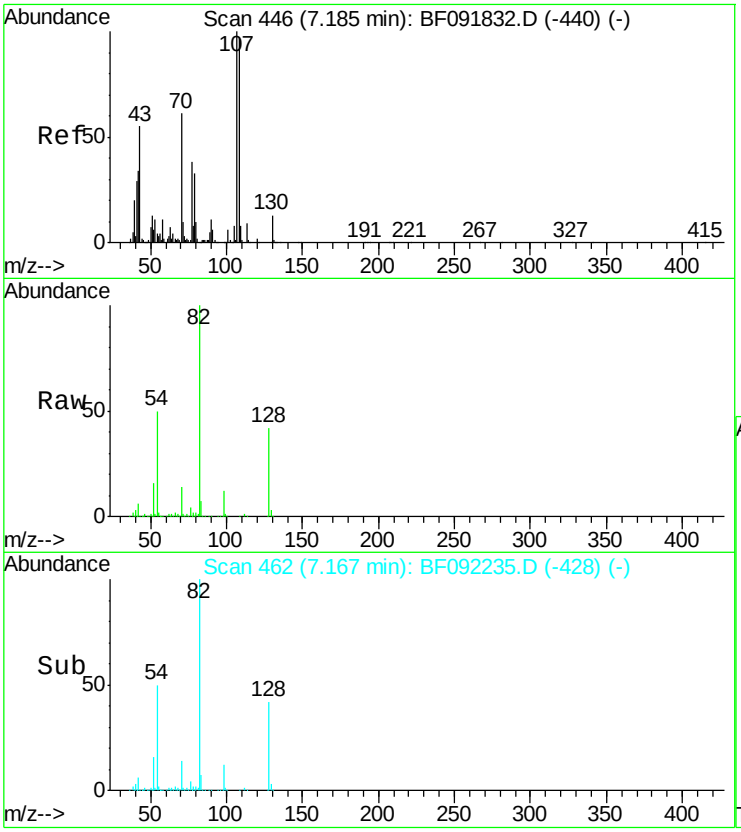


#10
Phenol
Concen: 3.19 ng
RT: 6.28 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion: 94 Resp: 36817

Ion	Ratio	Lower	Upper
94	100		
65	29.8	21.4	61.4
66	48.8	44.0	84.0



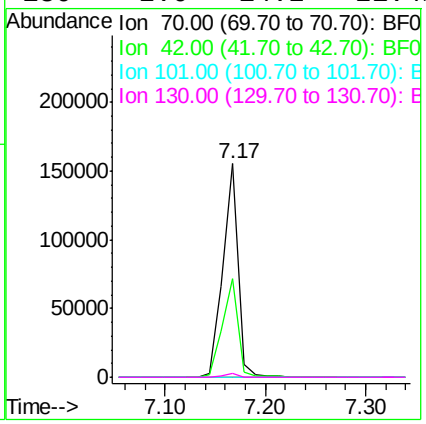


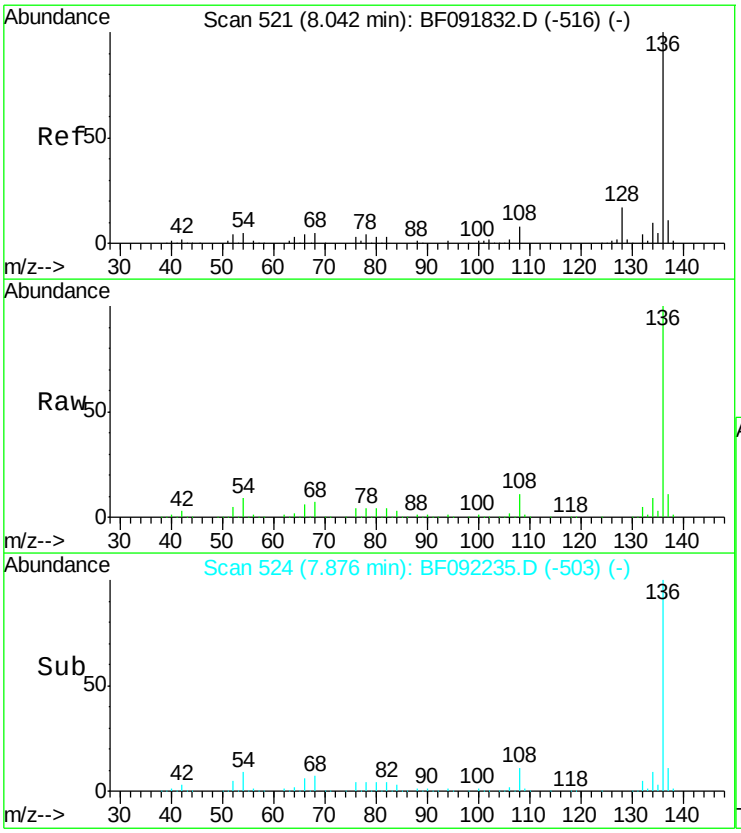
#19
n-Nitroso-di-n-propylamine
Concen: 24.06 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion: 70 Resp: 162328

Ion	Ratio	Lower	Upper
70	100		
42	46.2	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

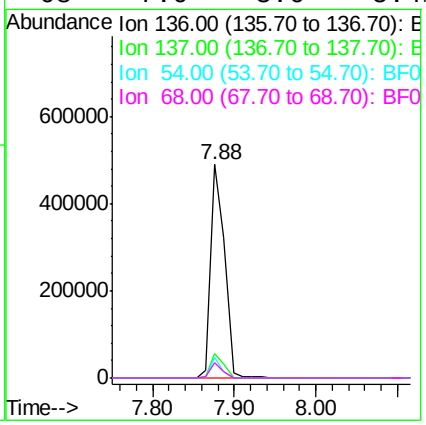


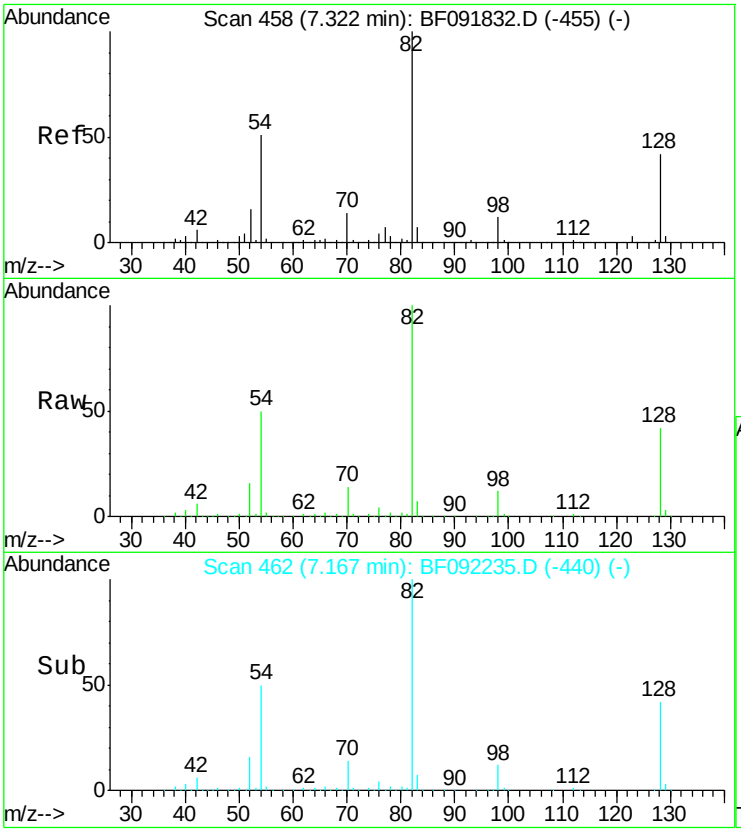


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:136 Resp: 585925

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.4	4.5	6.7#
68	7.0	3.6	5.4#



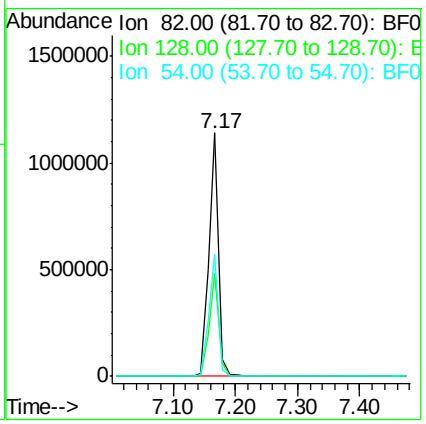


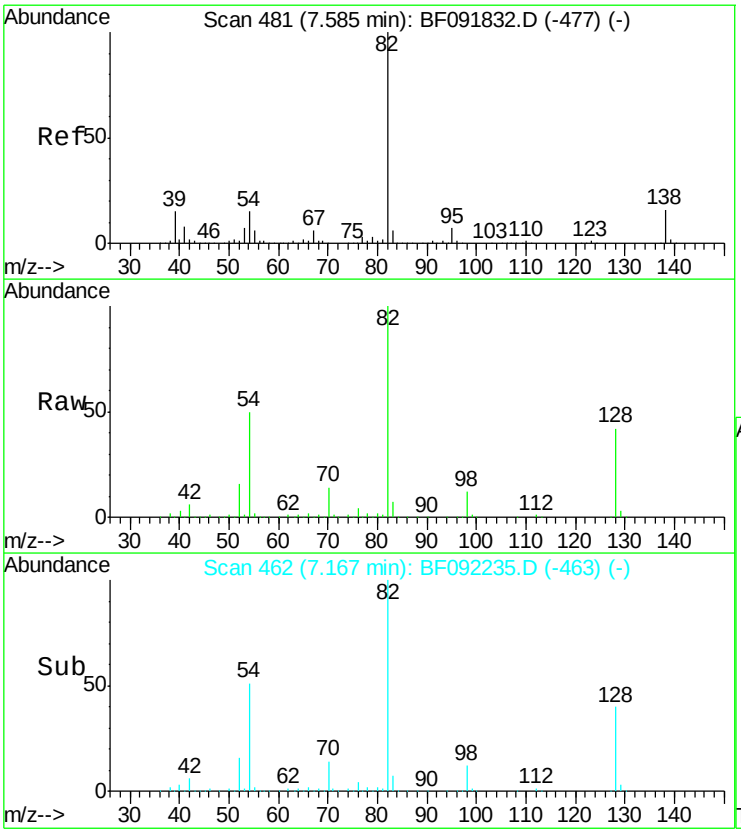
#23
Nitrobenzene-d5
Concen: 115.08 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion: 82 Resp: 1212598

Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.6	52.0
54	50.0	39.5	59.3

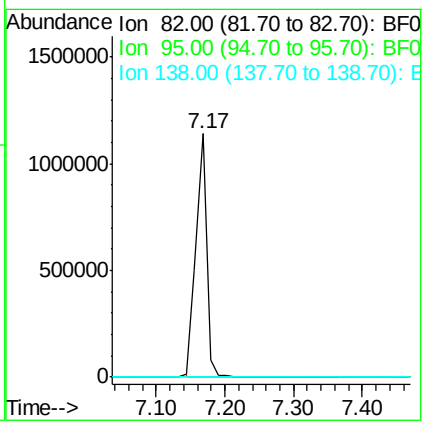


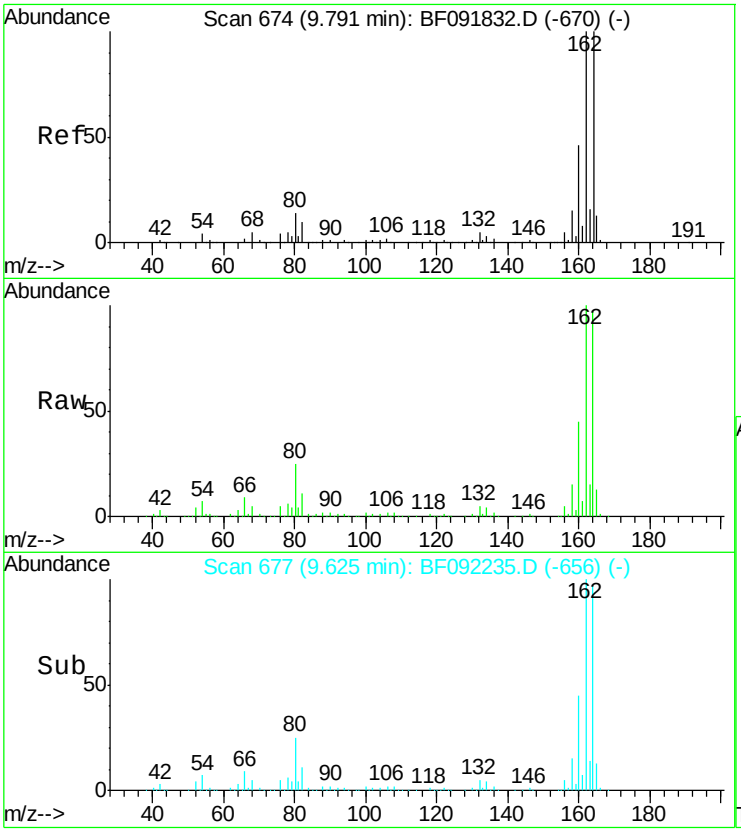


#25
Isophorone
Concen: 61.80 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion: 82 Resp: 1201430

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



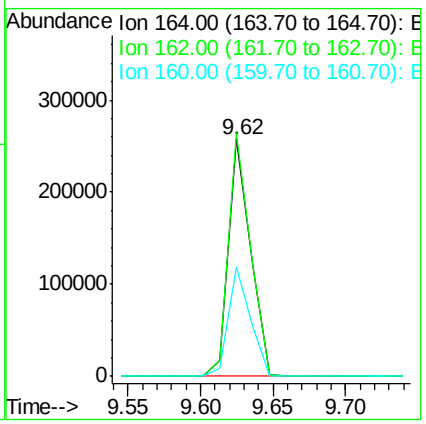


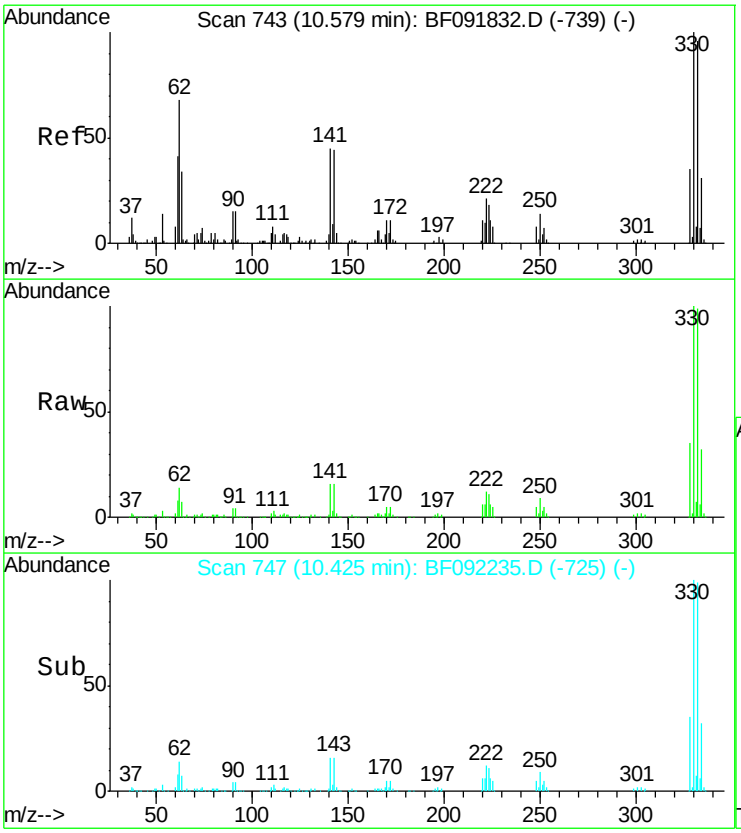
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion:164 Resp: 270659

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	45.9	36.9	55.3

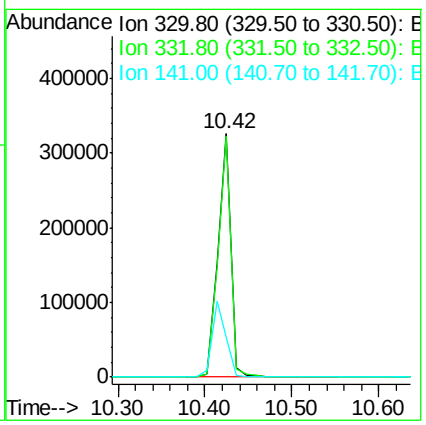


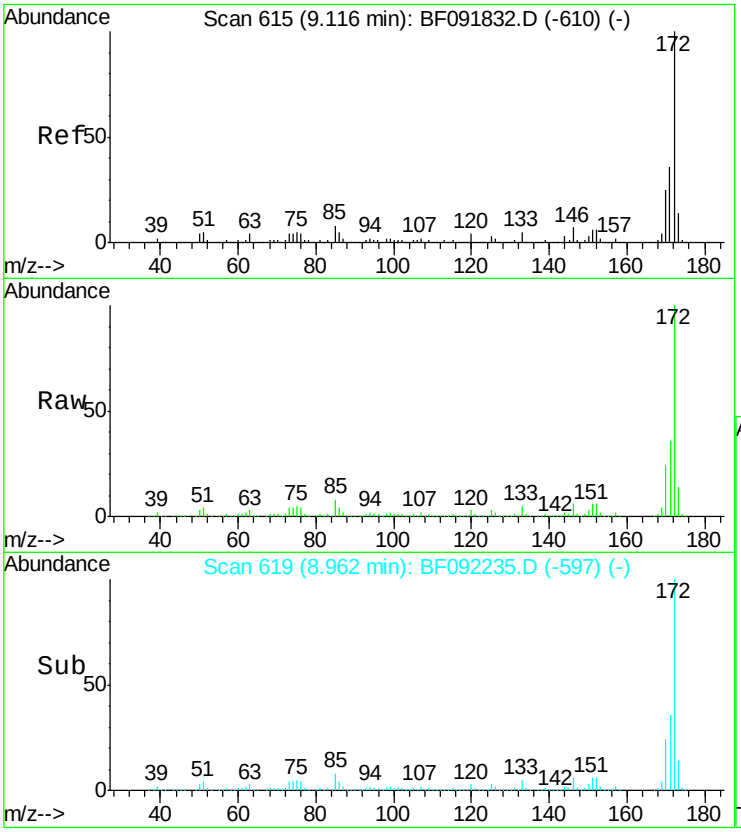


#41
2,4,6-Tribromophenol
Concen: 154.47 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:330 Resp: 346005

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.4	116.2
141	33.4	34.1	51.1#



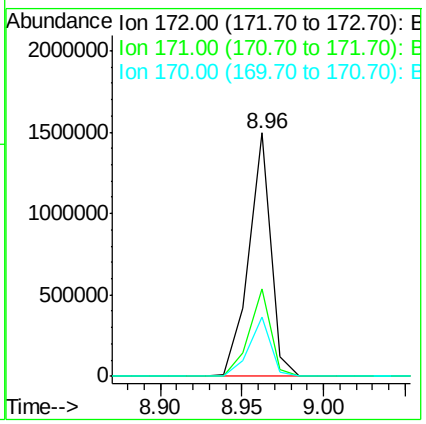


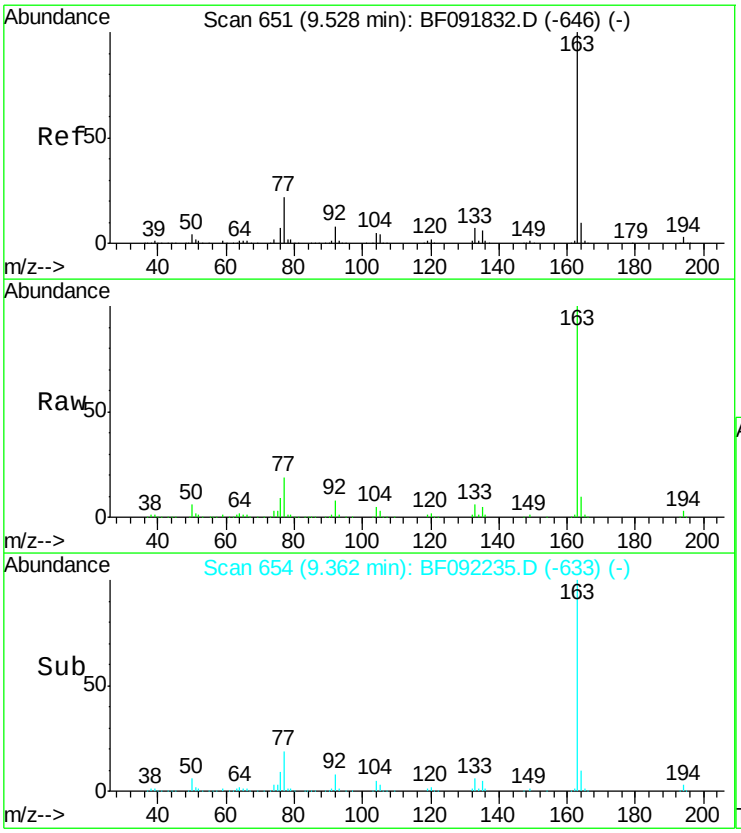
#44
2-Fluorobiphenyl
Concen: 110.07 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion:172 Resp: 1403706

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.3	20.2	30.4

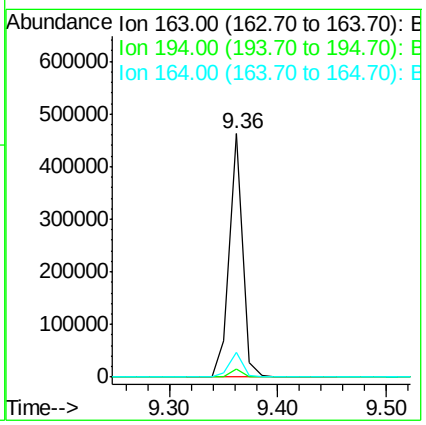


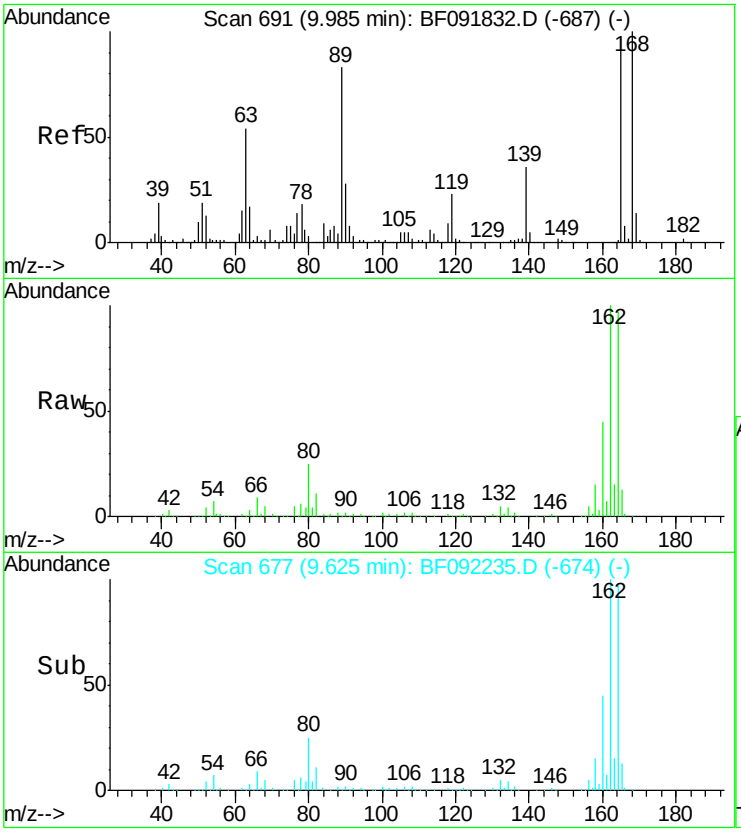


#49
Dimethylphthalate
Concen: 22.41 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:163 Resp: 387876

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.1	8.0	12.0



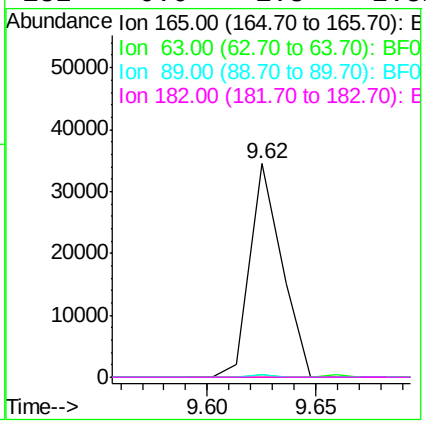


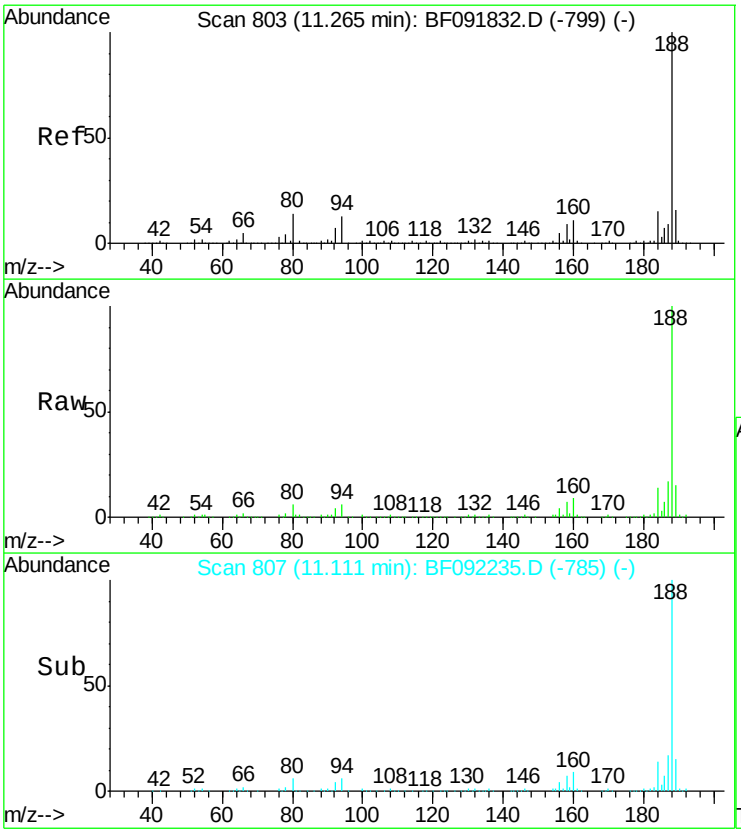
#56
2,4-Dinitrotoluene
Concen: 7.48 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion:165 Resp: 35555

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

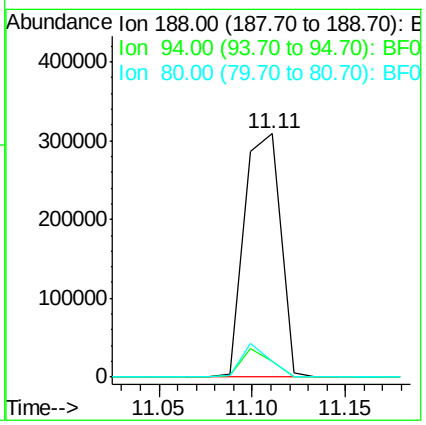


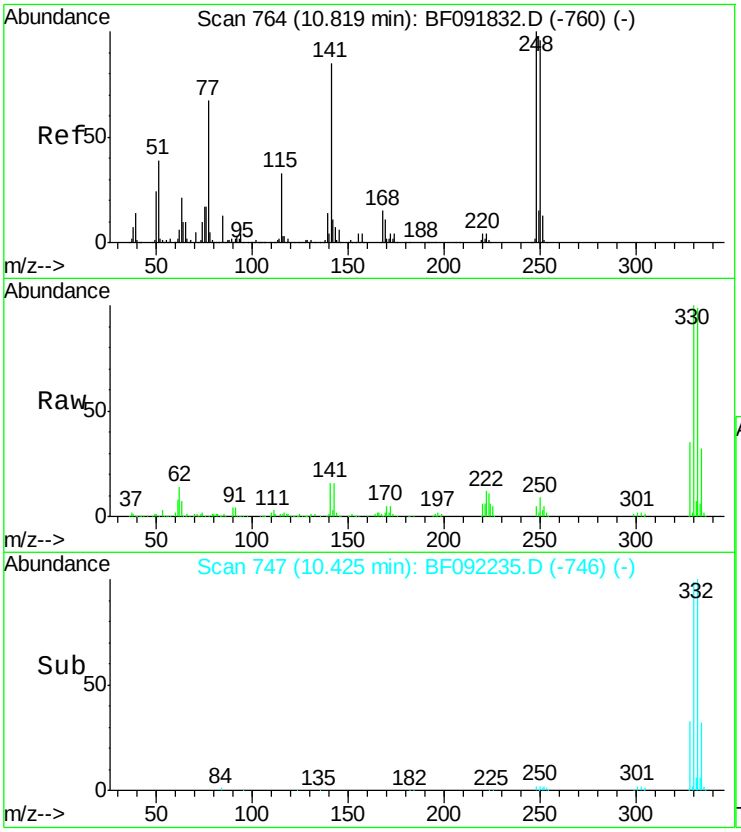


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:188 Resp: 415993

Ion	Ratio	Lower	Upper
188	100		
94	6.4	10.0	15.0#
80	6.2	11.2	16.8#



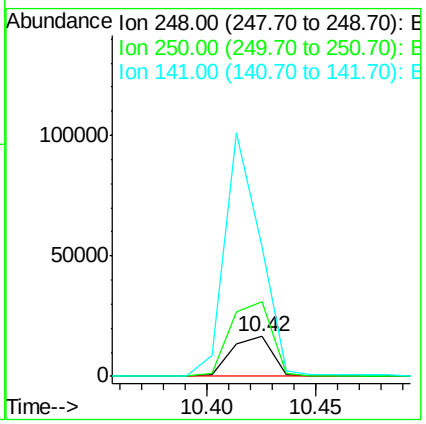


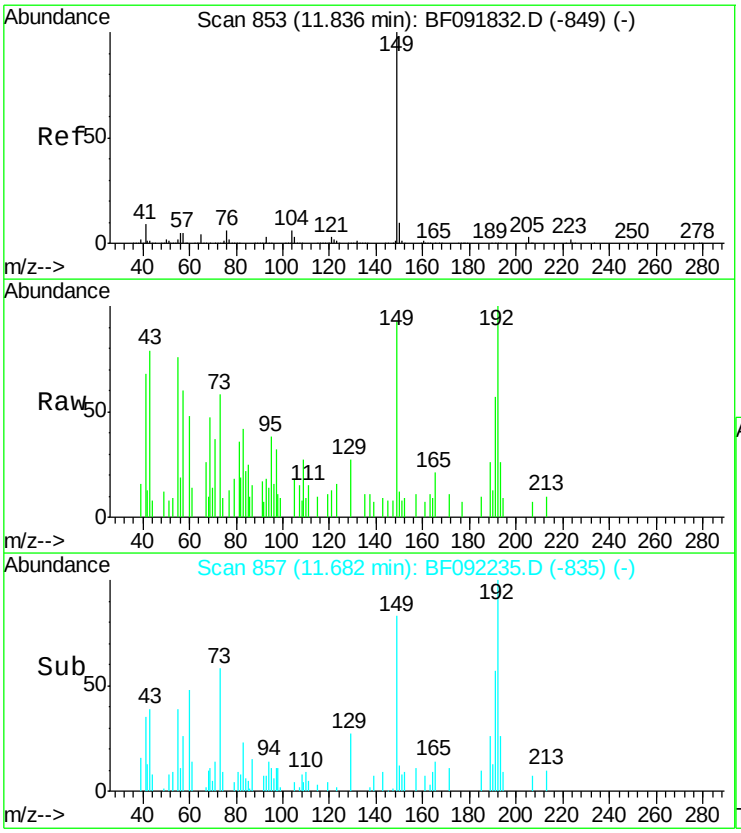
#66
4-Bromophenyl-phenylether
Concen: 4.93 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion:248 Resp: 21325

Ion	Ratio	Lower	Upper
248	100		
250	188.9	76.9	115.3#
141	327.6	68.2	102.4#

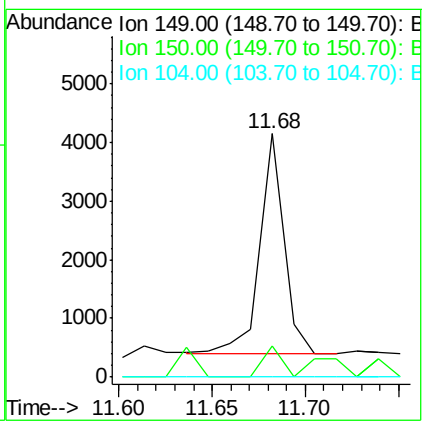


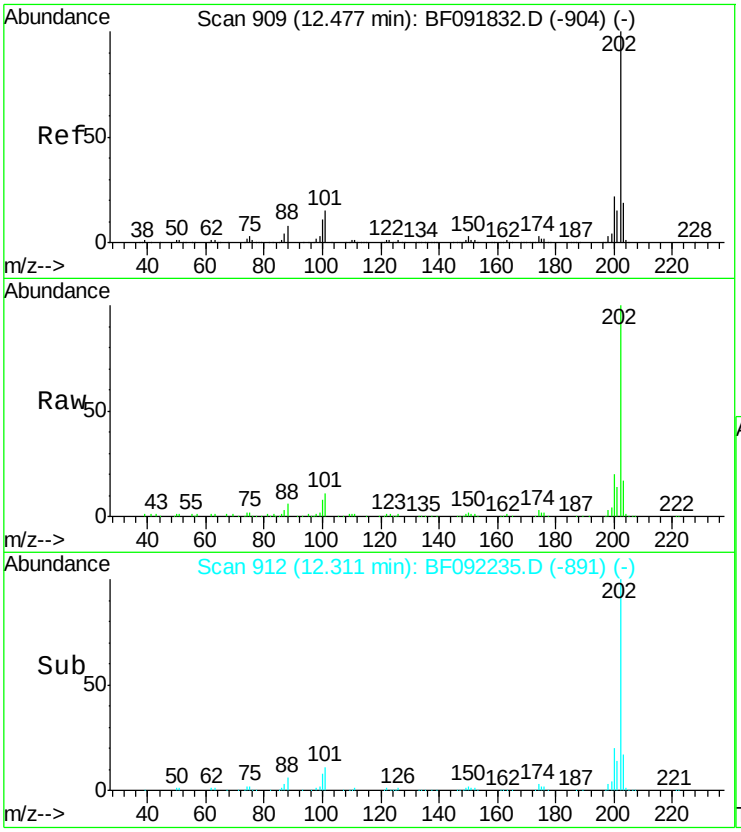


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.68 min Scan# 857
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:149 Resp: 3389

Ion	Ratio	Lower	Upper
149	100		
150	12.7	8.1	12.1#
104	0.0	4.6	7.0#



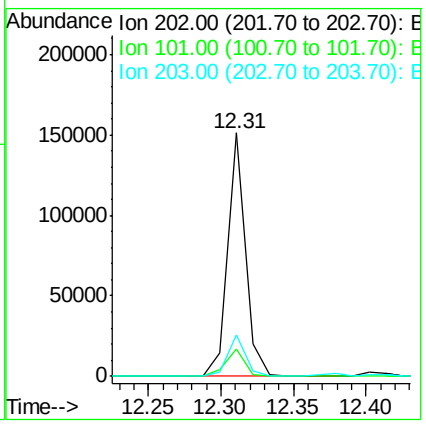


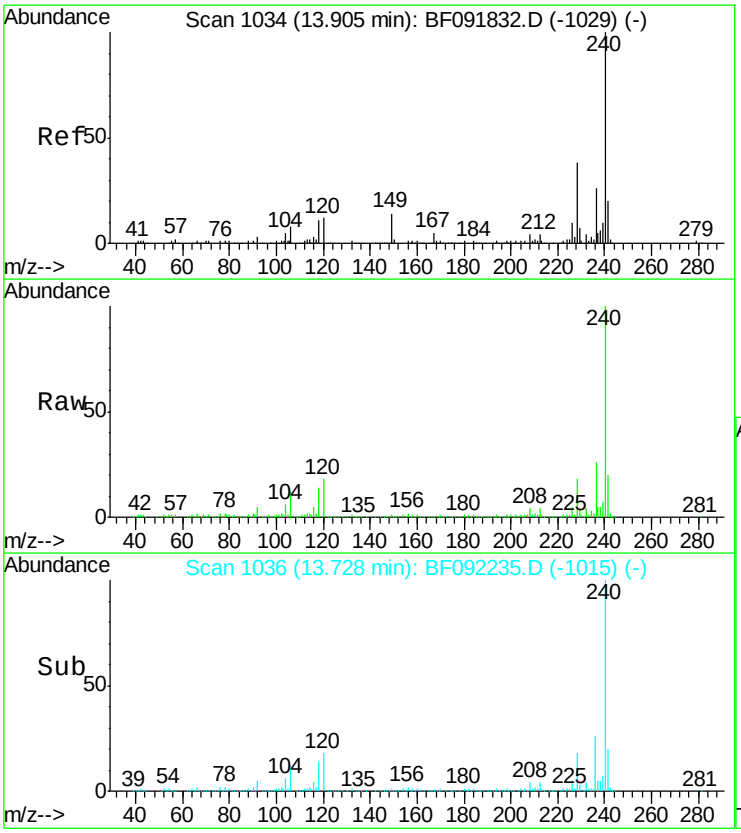
#74
Fluoranthene
Concen: 2.99 ng
RT: 12.31 min Scan# 912
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion:202 Resp: 129836

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	34.6
203	16.9	0.0	38.7

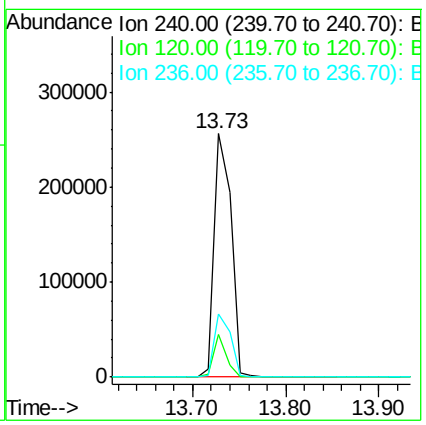


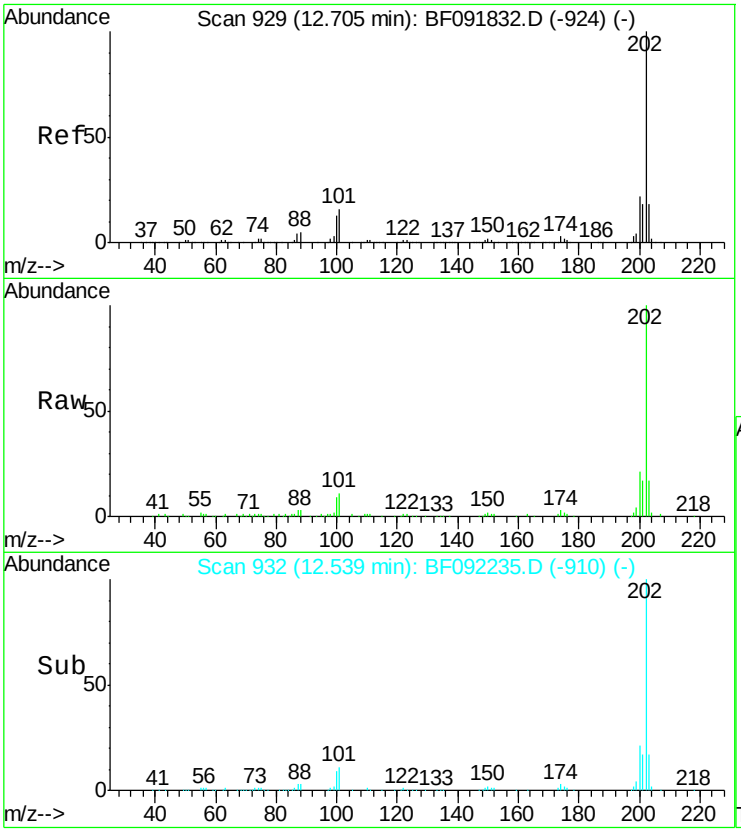


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:240 Resp: 321121

Ion	Ratio	Lower	Upper
240	100		
120	17.7	12.9	19.3
236	25.8	20.9	31.3



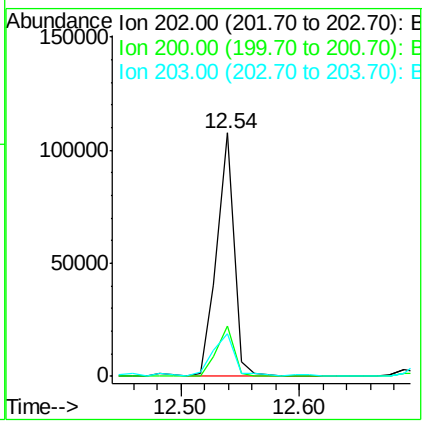


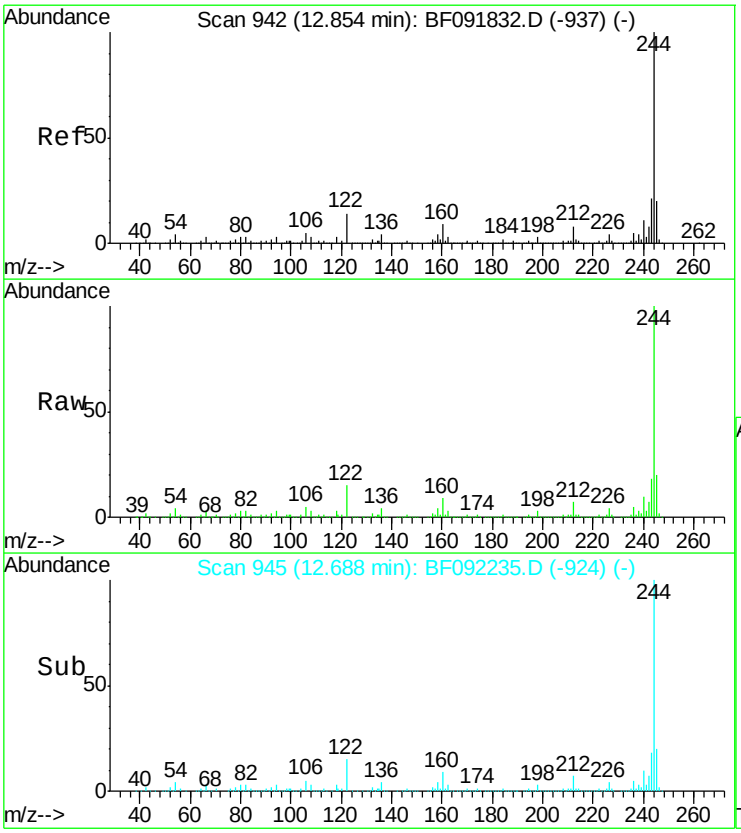
#77
Pyrene
Concen: 4.62 ng
RT: 12.54 min Scan# 932
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion:202 Resp: 108966

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.7	26.5
203	17.4	14.7	22.1

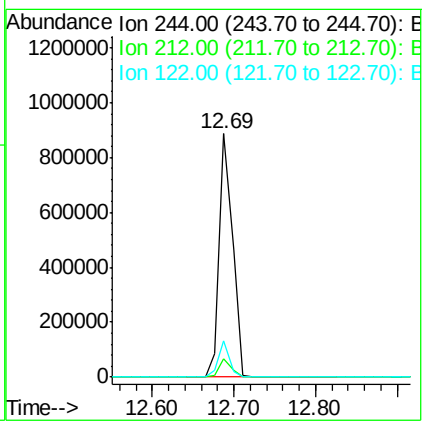


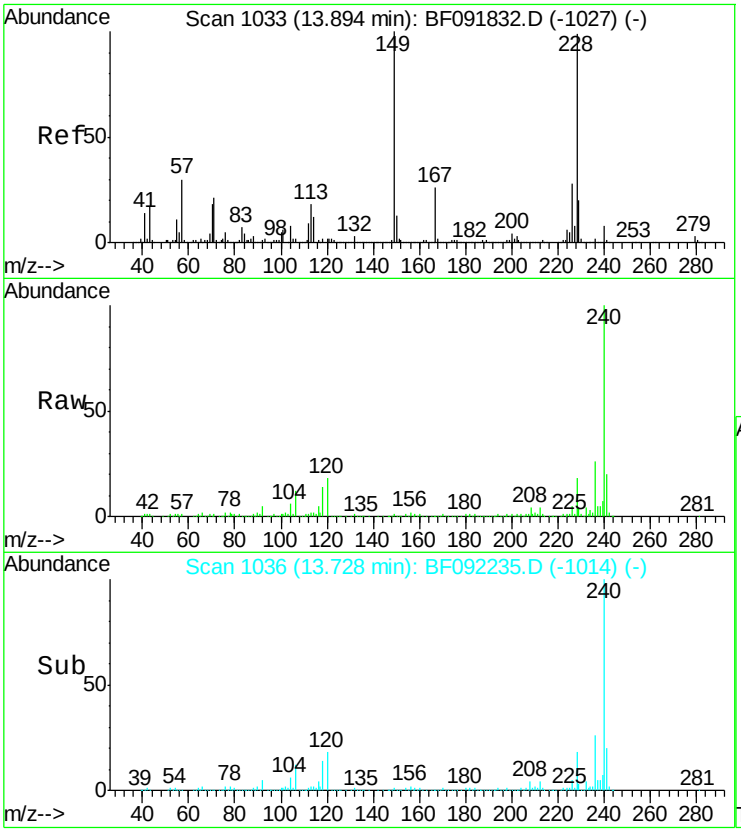


#78
Terphenyl-d14
Concen: 74.93 ng
RT: 12.69 min Scan# 945
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:244 Resp: 992155

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	14.8	11.4	17.2



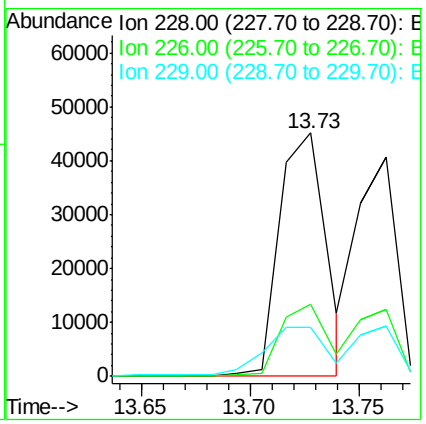


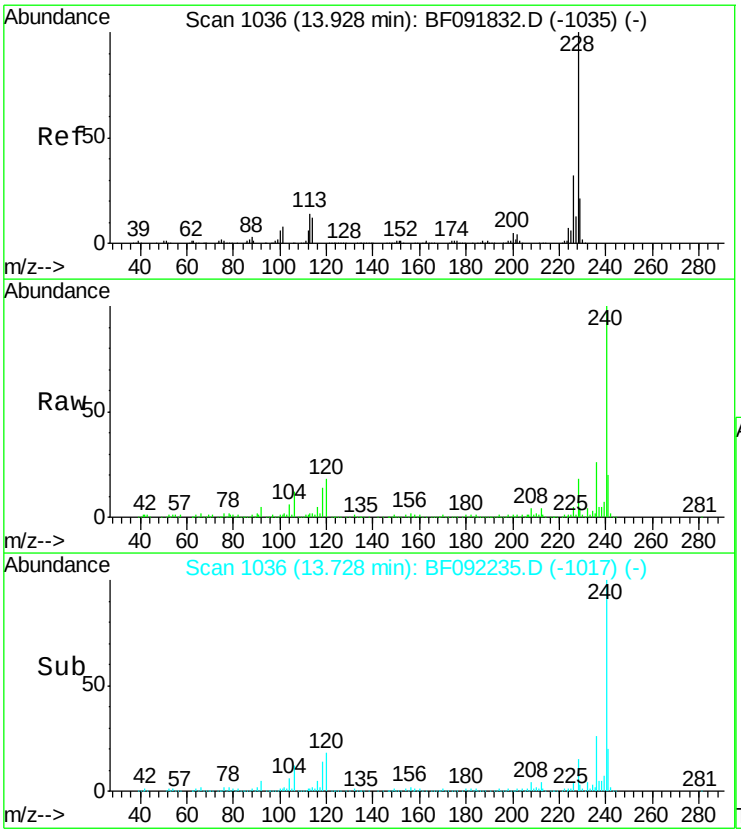
#80
Benzo(a)anthracene
Concen: 3.73 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion:228 Resp: 67566

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

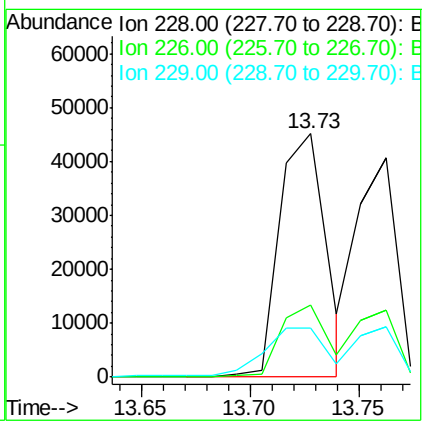


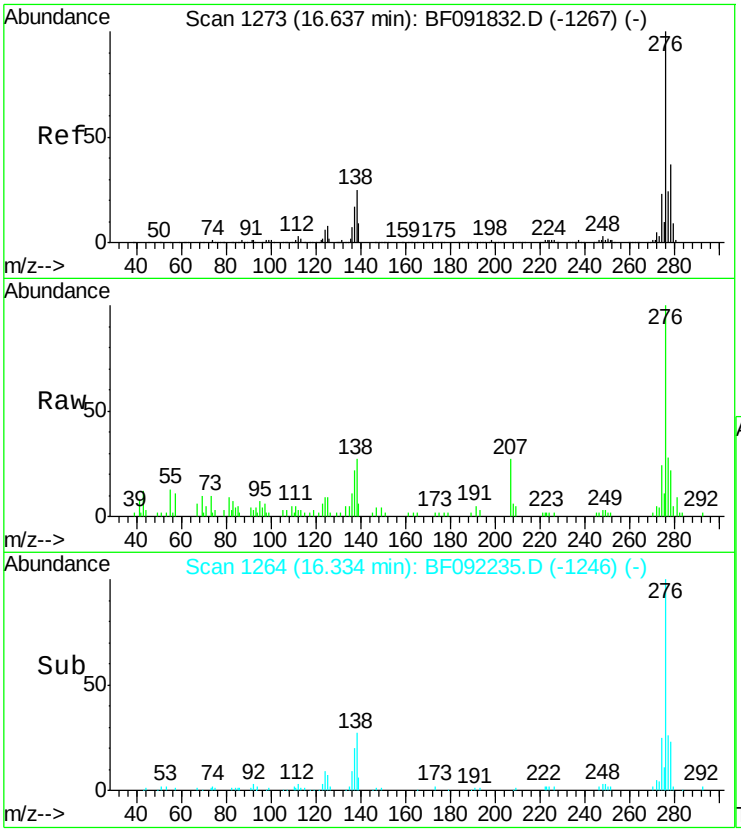


#82
Chrysene
Concen: 3.72 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.08 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:228 Resp: 67566

Ion	Ratio	Lower	Upper
228	100		
226	29.4	25.4	38.0
229	20.4	16.2	24.2



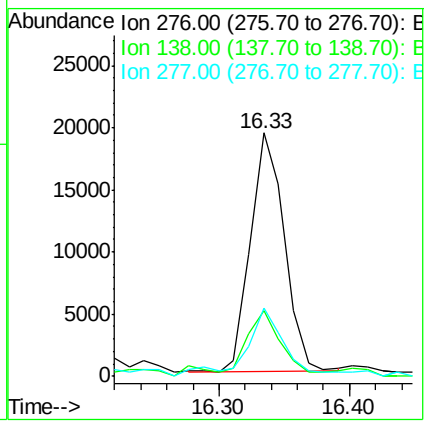


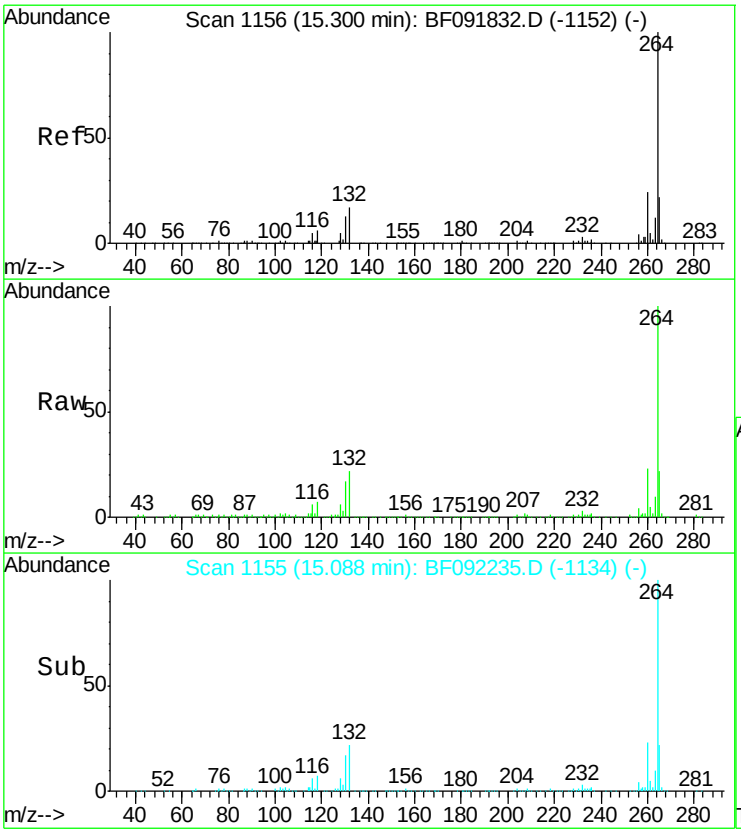
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.22 ng
RT: 16.33 min Scan# 1264
Delta R.T. -0.09 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion:276 Resp: 34949

Ion	Ratio	Lower	Upper
276	100		
138	31.5	21.8	32.6
277	33.6	20.2	30.4#

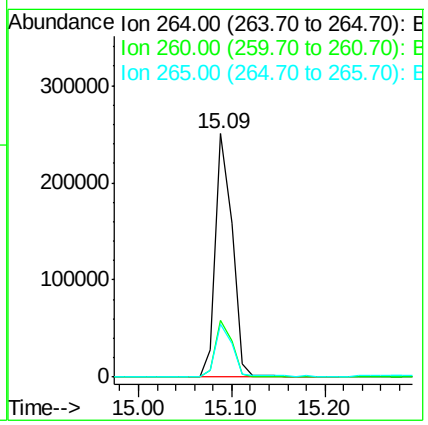


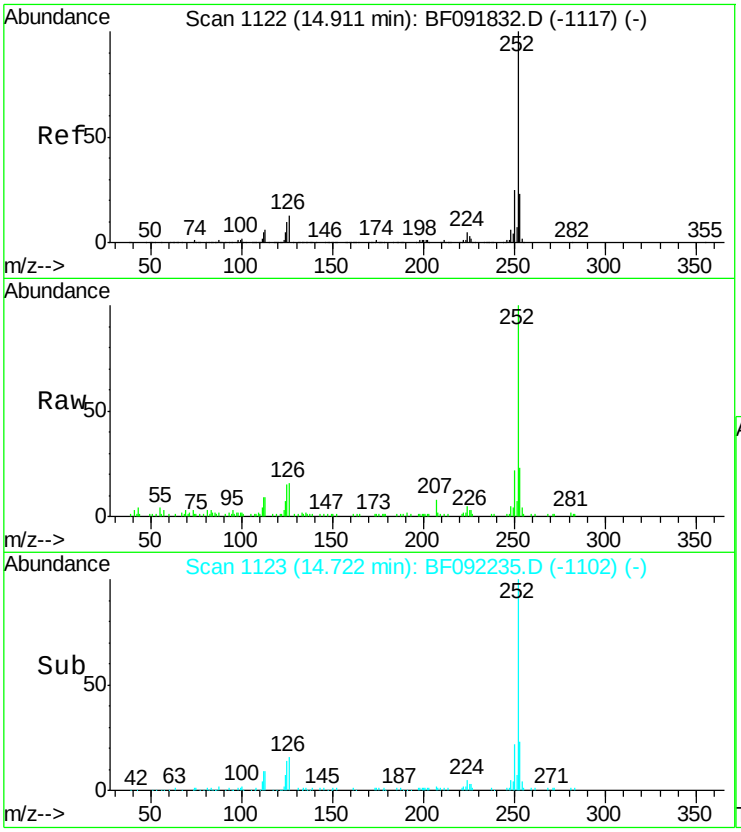


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:264 Resp: 315385

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.7	17.4	26.0



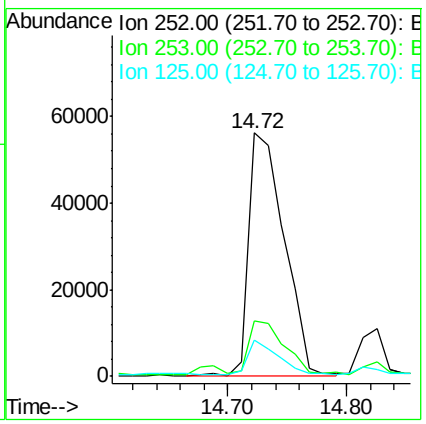


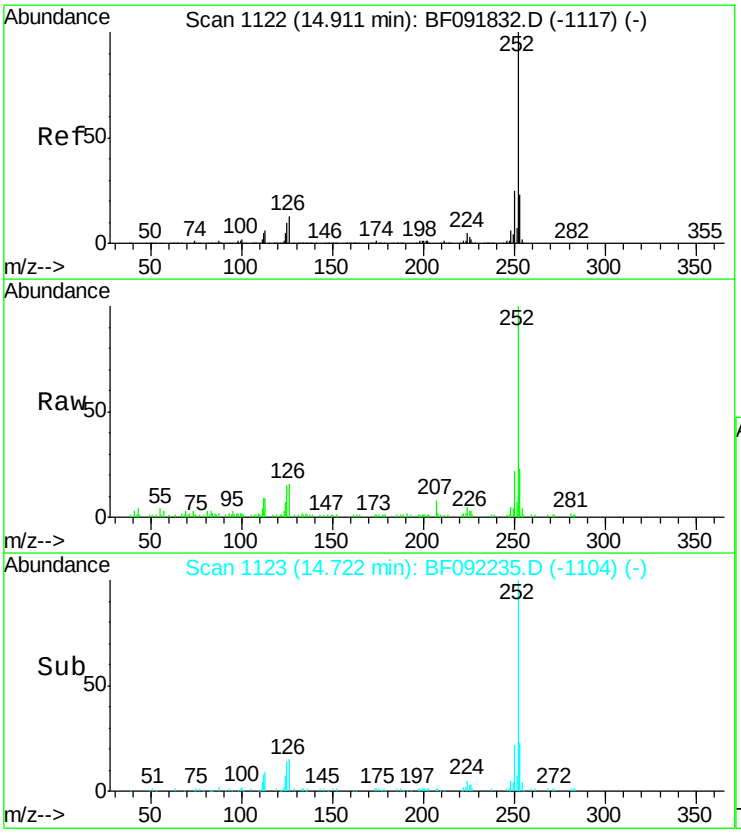
#87
Benzo(b)fluoranthene
Concen: 6.02 ng
RT: 14.72 min Scan# 1123
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion:252 Resp: 118252

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	14.7	9.8	14.6#

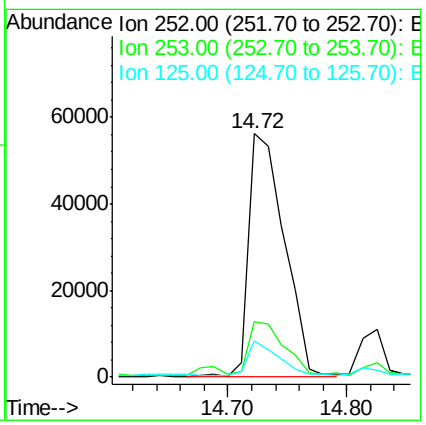


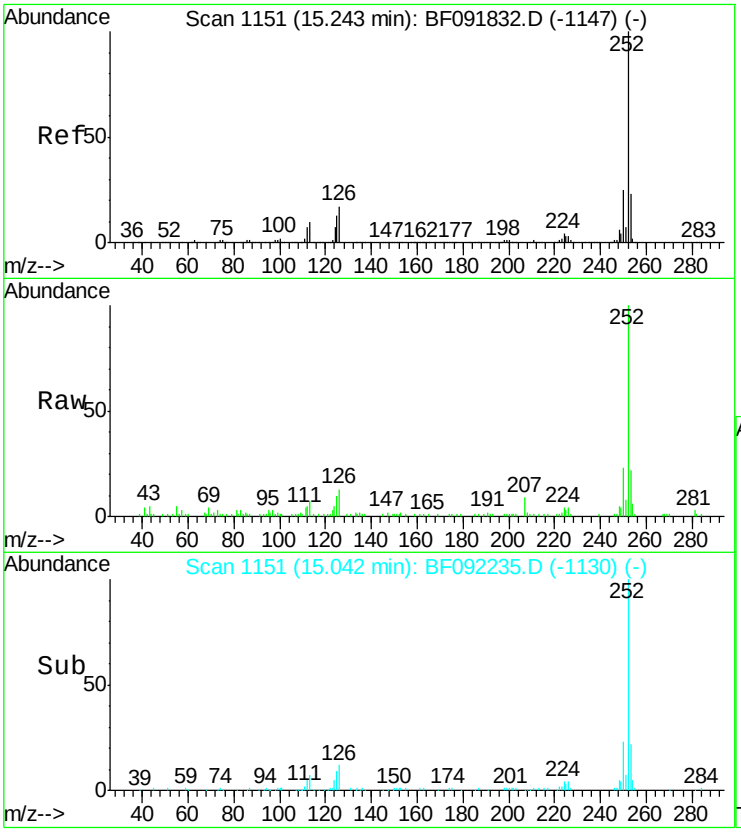


#88
Benzo(k)fluoranthene
Concen: 7.06 ng
RT: 14.72 min Scan# 1123
Delta R.T. -0.08 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:252 Resp: 118252

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	14.7	8.9	13.3#



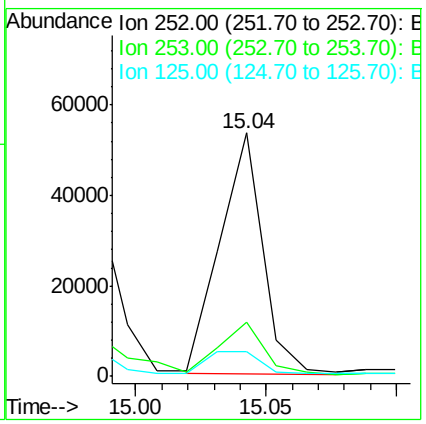


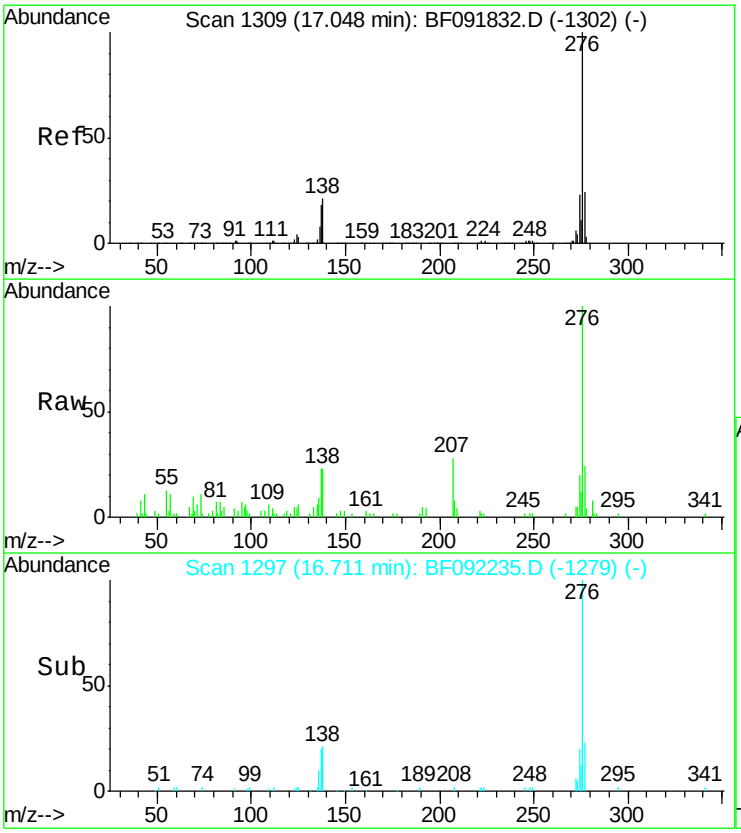
#89
Benzo(a)pyrene
Concen: 3.52 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Instrument :
BNA_F
ClientSampleId :
SW-004

Tgt Ion:252 Resp: 61265

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	10.2	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 2.46 ng
RT: 16.71 min Scan# 1297
Delta R.T. -0.09 min
Lab File: BF092235.D
Acq: 13 Jan 2017 5:15

Tgt Ion:276 Resp: 36651

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	22.6	16.0	24.0