Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
Data File : BF092236.D
Acq On : 13 Jan 2017 5:43
Operator : UM/SJ
Sample : I1146-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-19-11017

Quant Time: Jan 13 06:48:50 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	243321	20.00	ng		-0.05
21) Naphthalene-d8	7.88	136	845590	20.00	ng		-0.06
38) Acenaphthene-d10	9.62	164	415246	20.00	ng		-0.06
63) Phenanthrene-d10	11.11	188	714105	20.00	ng		-0.05
75) Chrysene-d12	13.74	240	537319	20.00	ng		-0.05
86) Perylene-d12	15.10	264	520649	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	2049876	140.67	ng		-0.03
7) Phenol-d6	6.26	99	2323563	130.60	ng		-0.05
23) Nitrobenzene-d5	7.17	82	1501624	98.75	ng		-0.05
41) 2,4,6-Tribromophenol	10.42	330	548023	159.47	ng		-0.05
44) 2-Fluorobiphenyl	8.96	172	2179254	111.56	ng		-0.05
78) Terphenyl-d14	12.70	244	1829010	82.56	ng		-0.05
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.17	70	204350	17.26	ng	#	76
25) Isophorone	7.17	82	1488106	53.04	ng	#	65
37) 2-Methylnaphthalene	8.60	142	7830	Below Cal			93
49) Dimethylphthalate	9.36	163	579686	21.83	ng		99
56) 2,4-Dinitrotoluene	9.62	165	54259	7.44	ng	#	20
66) 4-Bromophenyl-phenylether	10.42	248	34425	4.63	ng	#	1
70) Phenanthrene	11.13	178	430306	11.11	ng		97
73) Di-n-butylphthalate	11.68	149	19179	Below Cal			96
74) Fluoranthene	12.31	202	570987	14.19	ng		99
76) Benzidine	12.69	184	24077	Below Cal			97
77) Pyrene	12.54	202	576853	14.63	ng		98
80) Benzo(a)anthracene	13.73	228	277630	9.15	ng		96
82) Chrysene	13.76	228	256659	8.44	ng		96
85) Indeno(1,2,3-cd)pyrene	16.33	276	117255	4.45	ng		98
87) Benzo(b)fluoranthene	14.73	252	409831	12.64	ng		98
88) Benzo(k)fluoranthene	14.73	252	408538	14.78	ng		97
89) Benzo(a)pyrene	15.04	252	224829	7.81	ng		99
91) Benzo(g,h,i)perylene	16.71	276	109723	4.46	ng		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
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Acq On : 13 Jan 2017 5:43
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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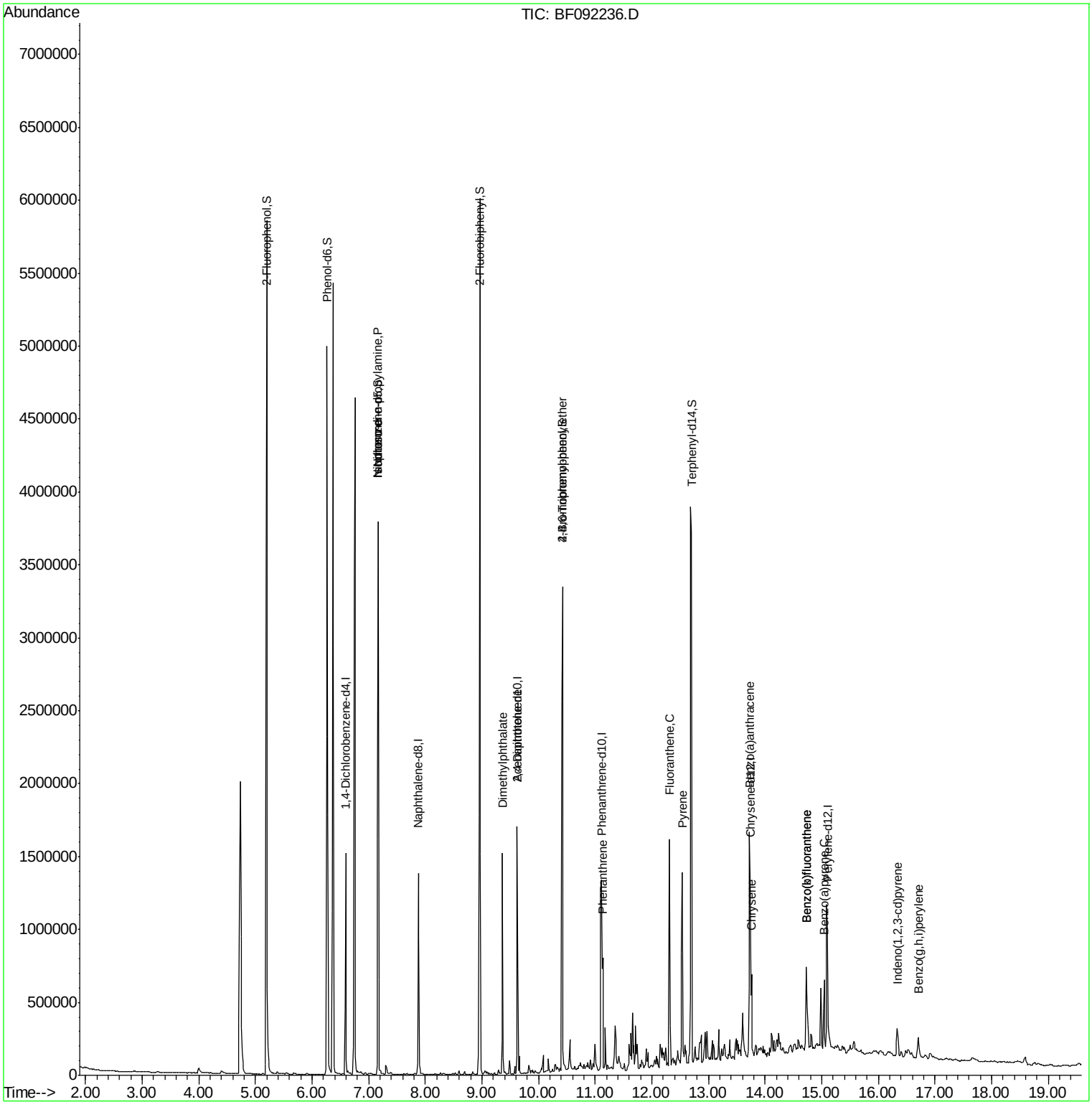
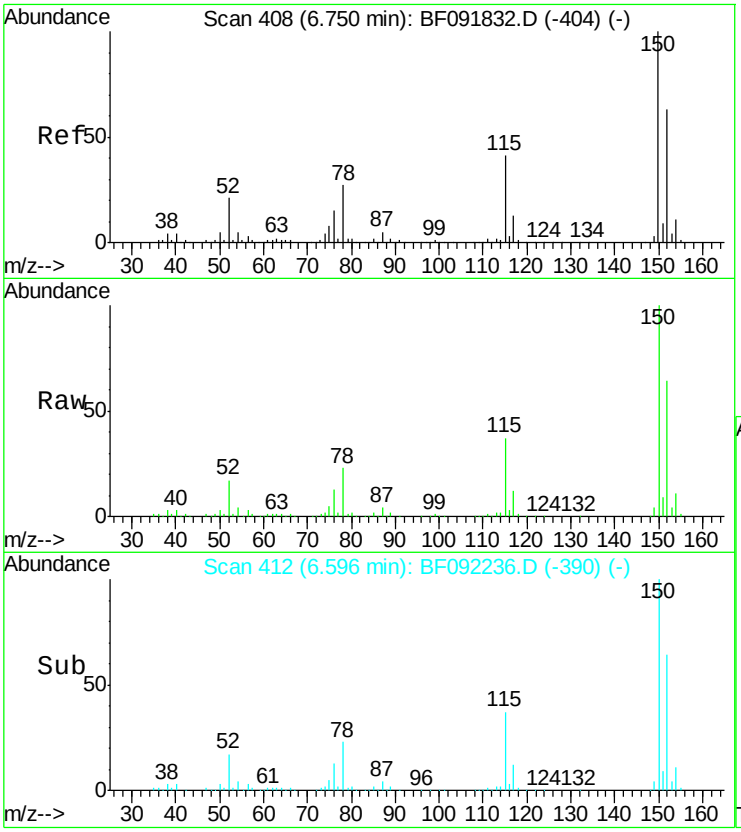


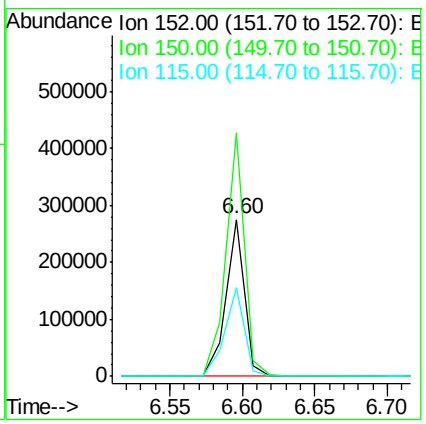


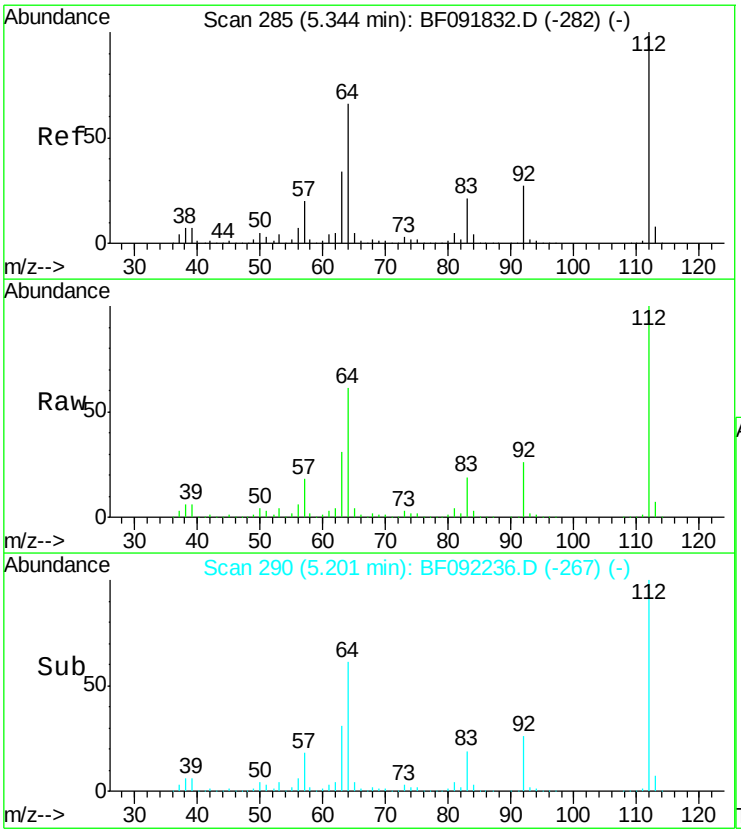
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.60 min Scan# 412
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:152 Resp: 243321

Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.9	187.3
115	57.0	46.0	69.0

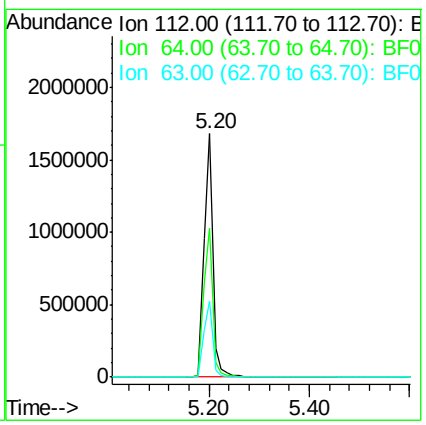


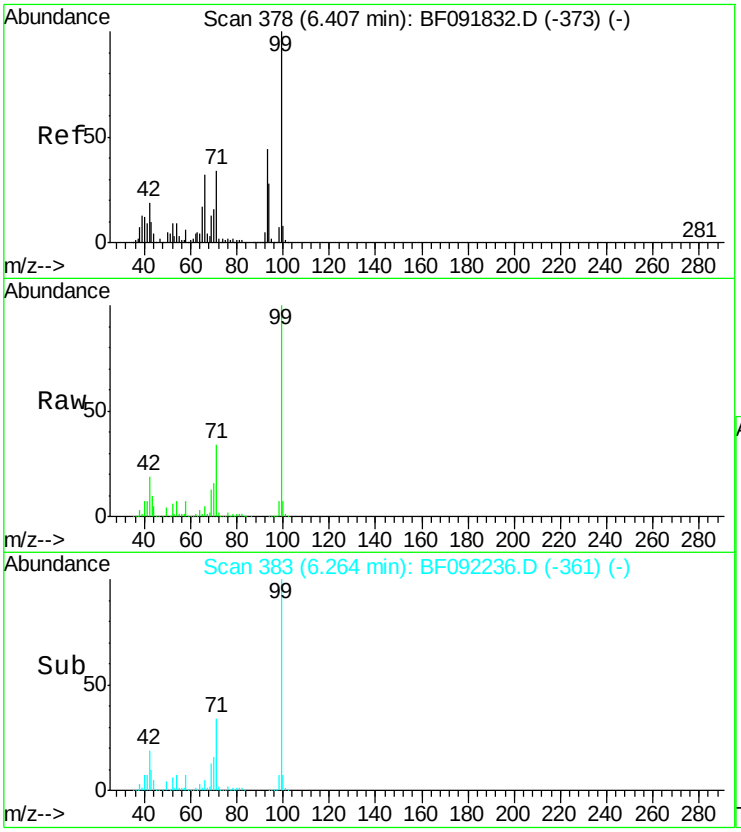


#5
2-Fluorophenol
Concen: 140.67 ng
RT: 5.20 min Scan# 290
Delta R.T. -0.03 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:112 Resp: 2049876

Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.1	69.1
63	31.1	23.8	35.6



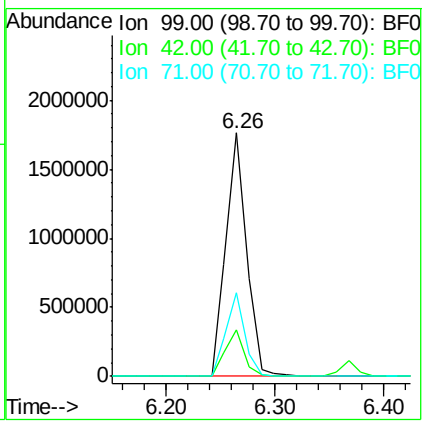


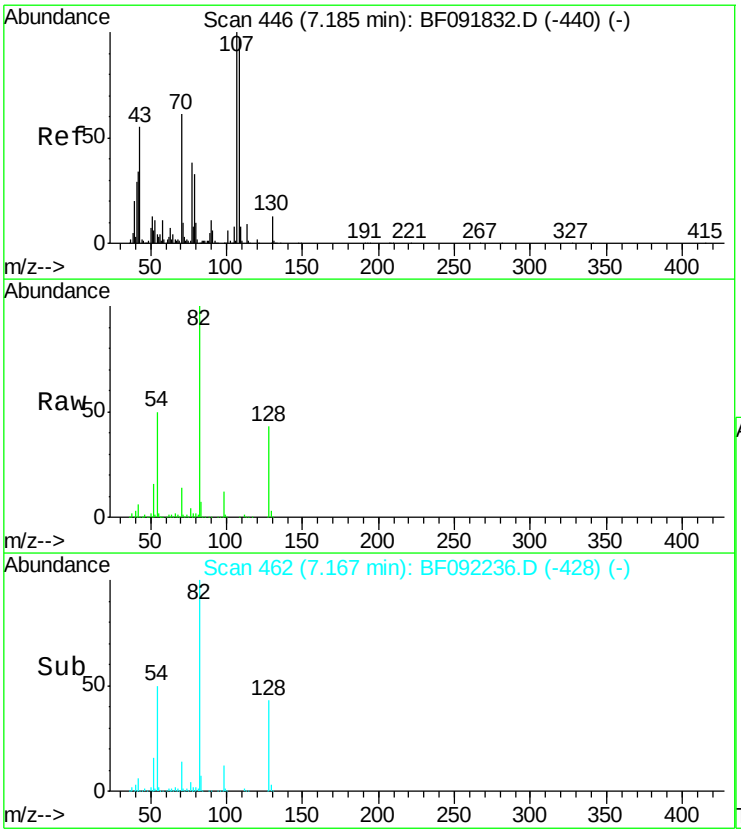
#7
Phenol-d6
Concen: 130.60 ng
RT: 6.26 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion: 99 Resp: 2323563

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.6	23.4
71	34.2	27.5	41.3

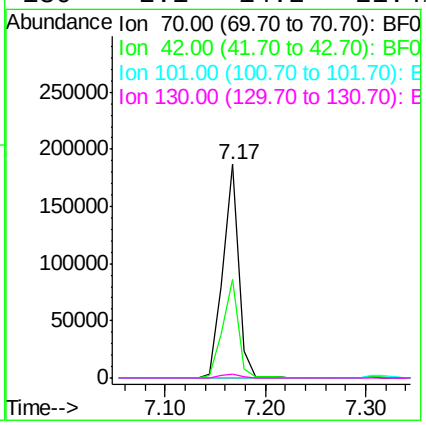


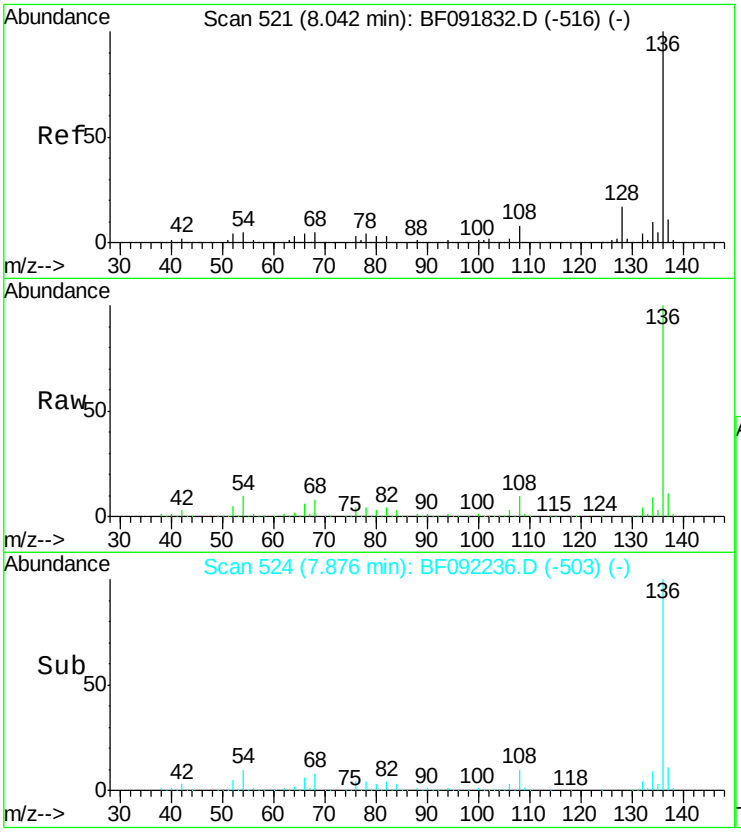


#19
n-Nitroso-di-n-propylamine
Concen: 17.26 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion: 70 Resp: 204350

Ion	Ratio	Lower	Upper
70	100		
42	46.2	49.4	74.0#
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#



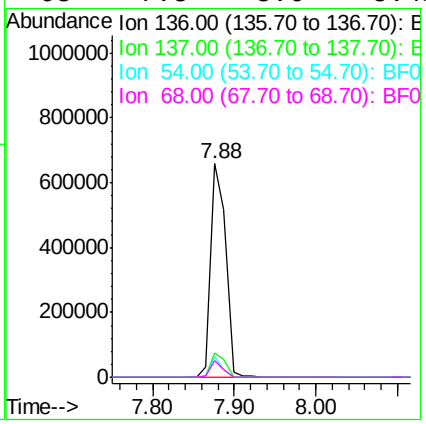


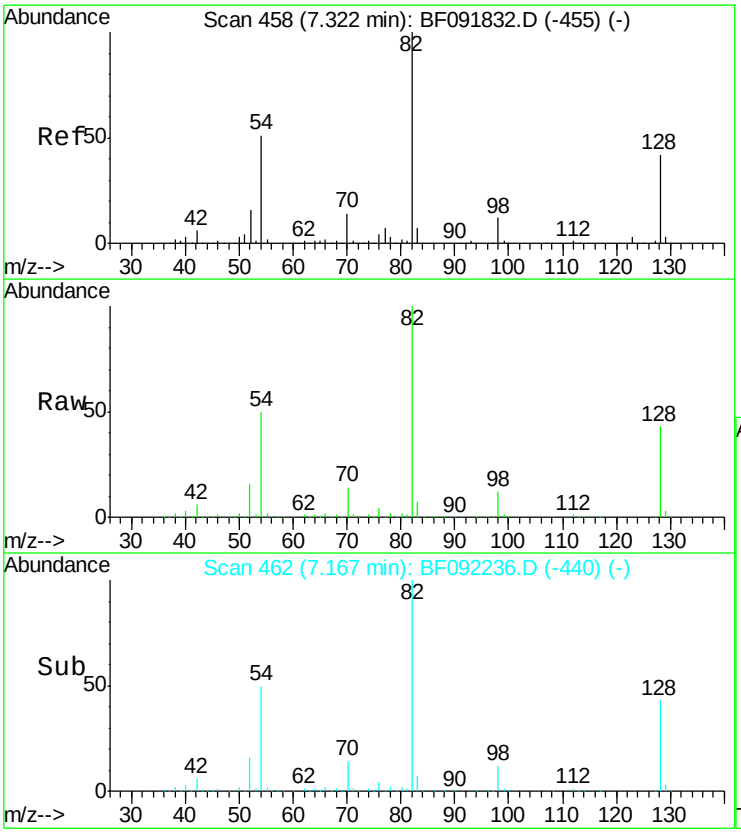
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:136 Resp: 845590

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.8	4.5	6.7#
68	7.8	3.6	5.4#

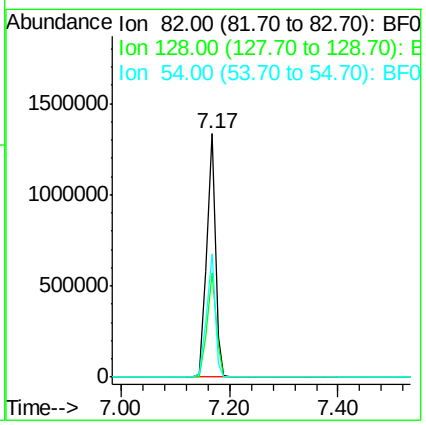


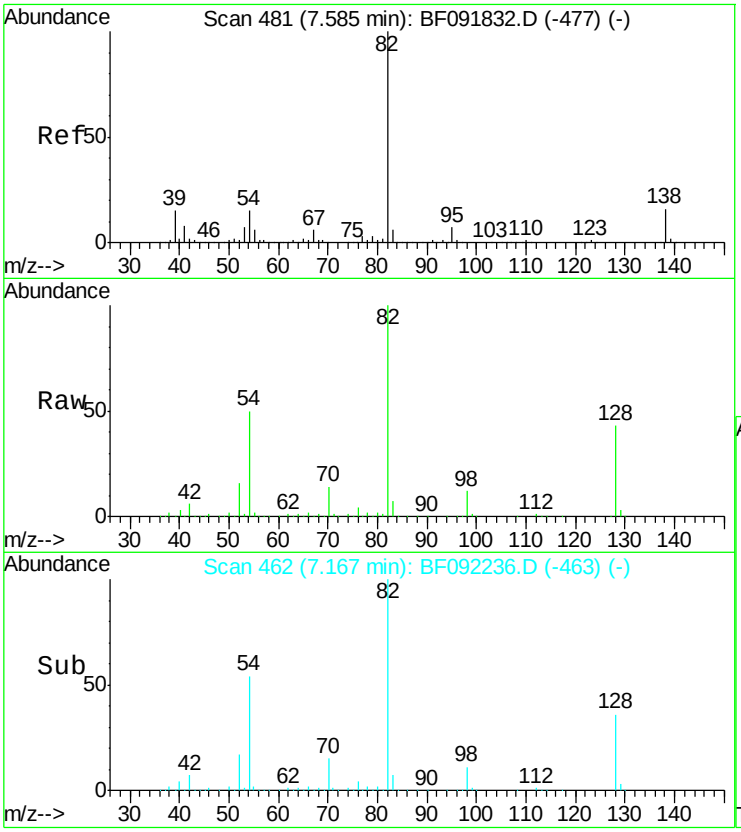


#23
Nitrobenzene-d5
Concen: 98.75 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion: 82 Resp: 1501624

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	50.5	39.5	59.3



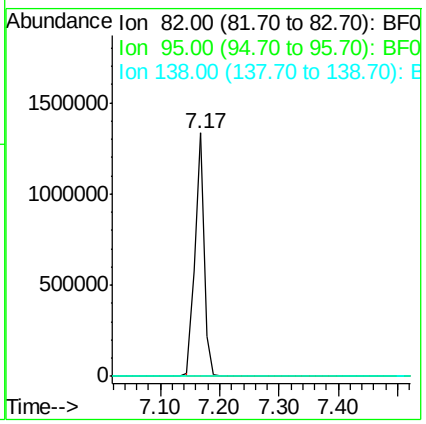


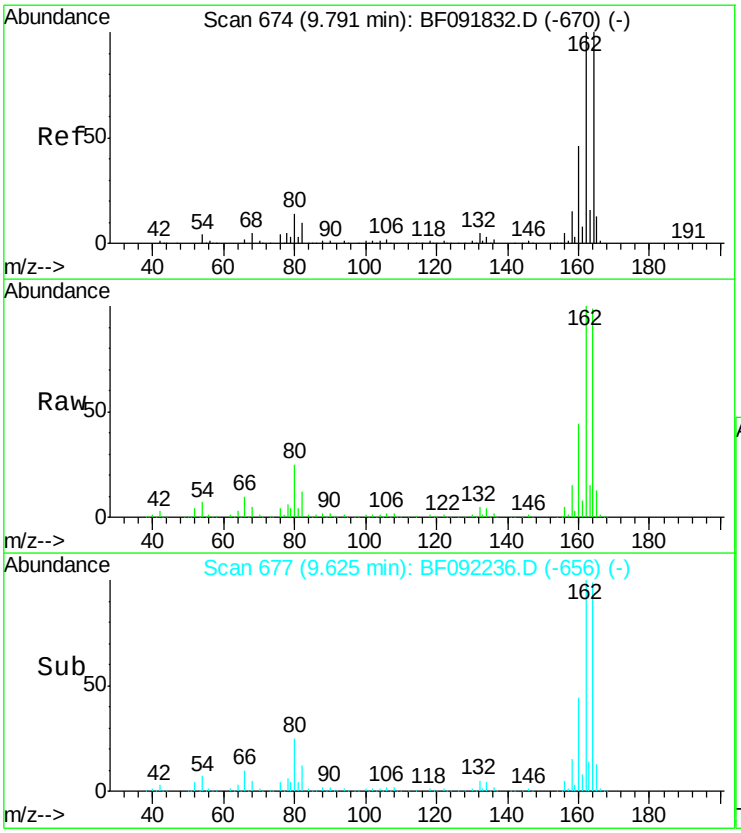
#25
Isophorone
Concen: 53.04 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion: 82 Resp: 1488106

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

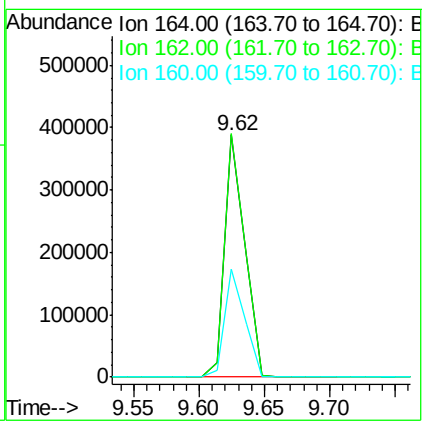


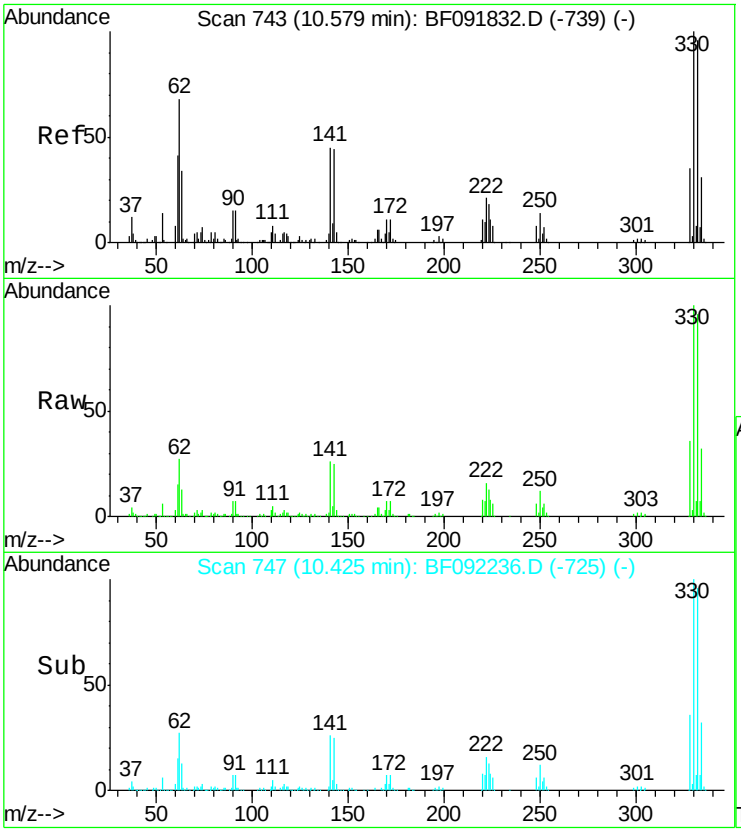


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:164 Resp: 415246

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.2	120.2
160	44.4	36.9	55.3



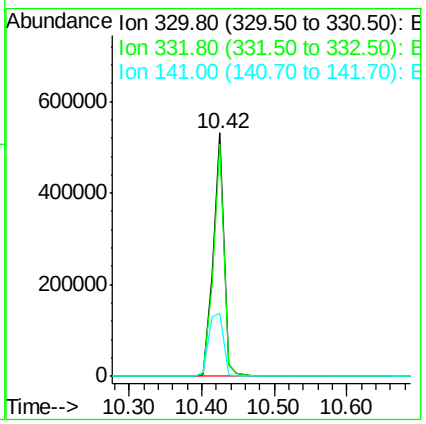


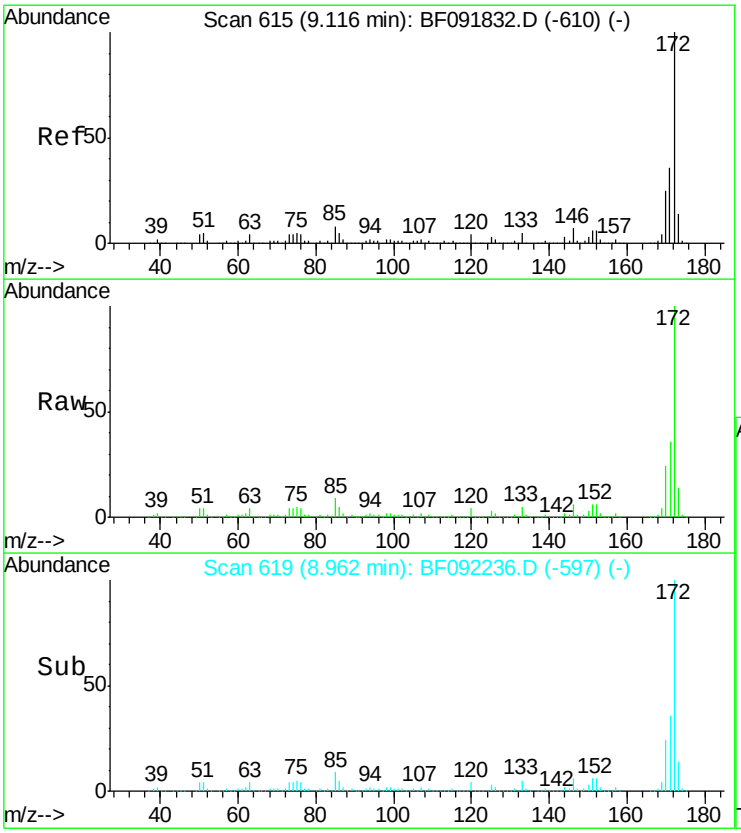
#41
2,4,6-Tribromophenol
Concen: 159.47 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:330 Resp: 548023

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.4	116.2
141	35.8	34.1	51.1

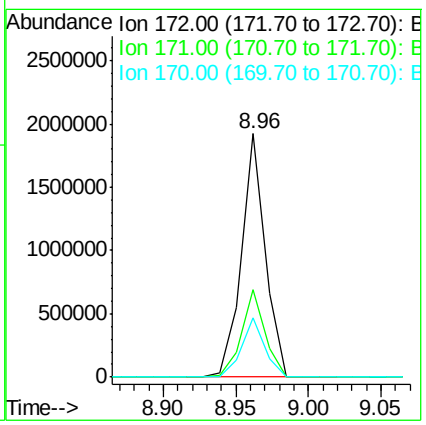


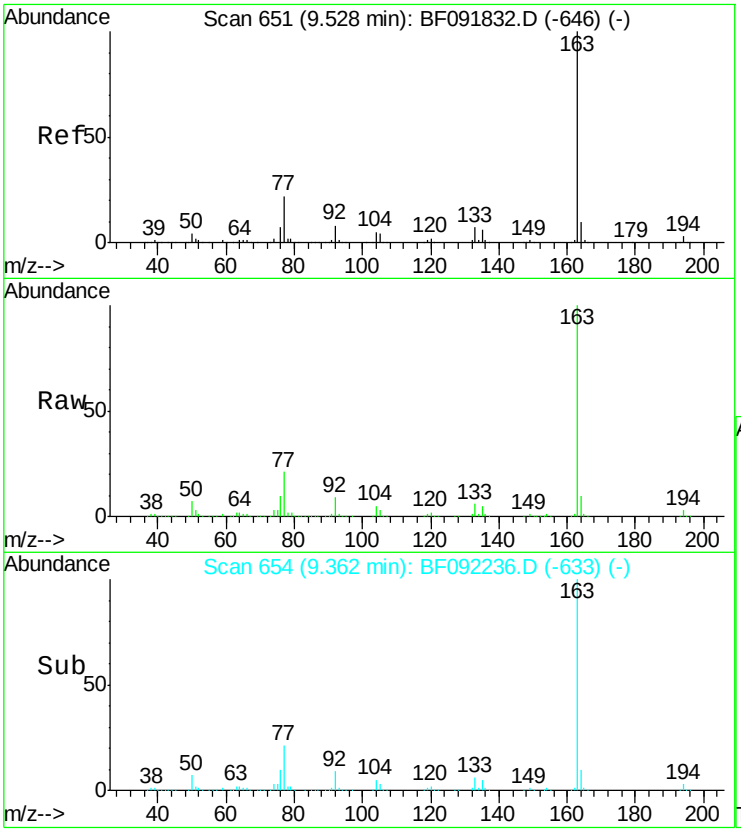


#44
2-Fluorobiphenyl
Concen: 111.56 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:172 Resp: 2179254

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.4	20.2	30.4



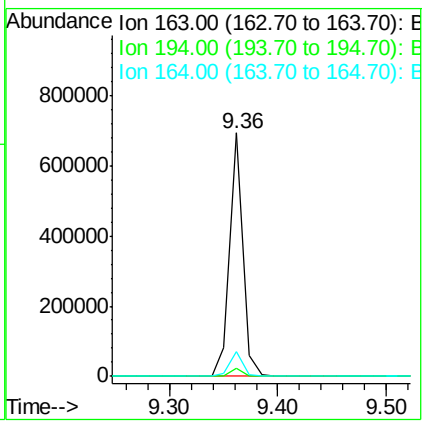


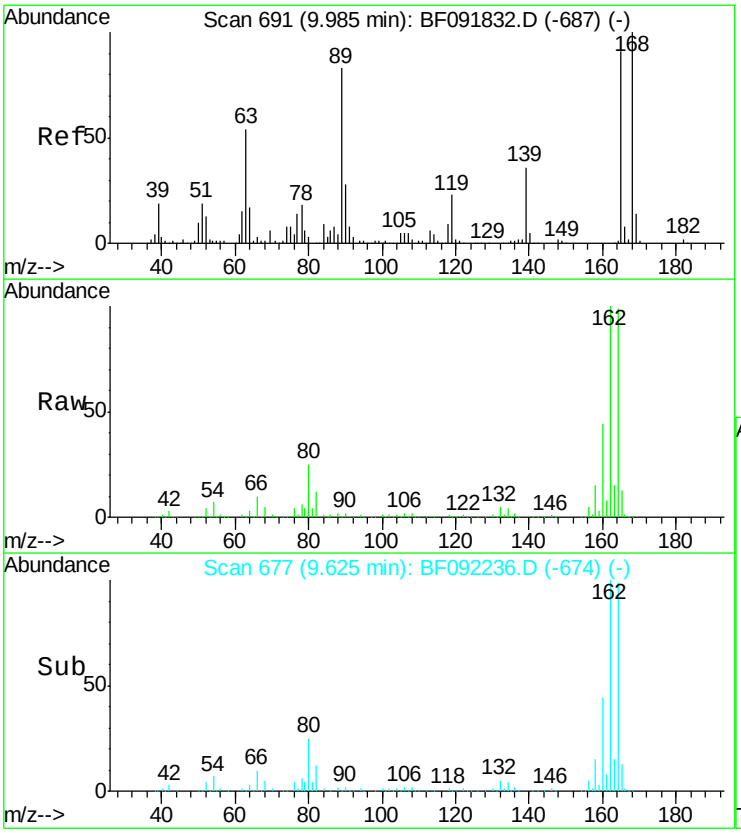
#49
Dimethylphthalate
Concen: 21.83 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:163 Resp: 579686

Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.0	4.4
164	10.3	8.0	12.0

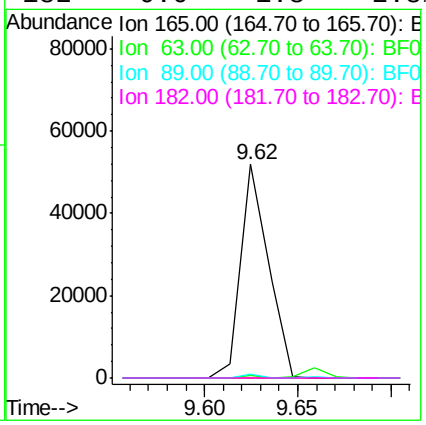


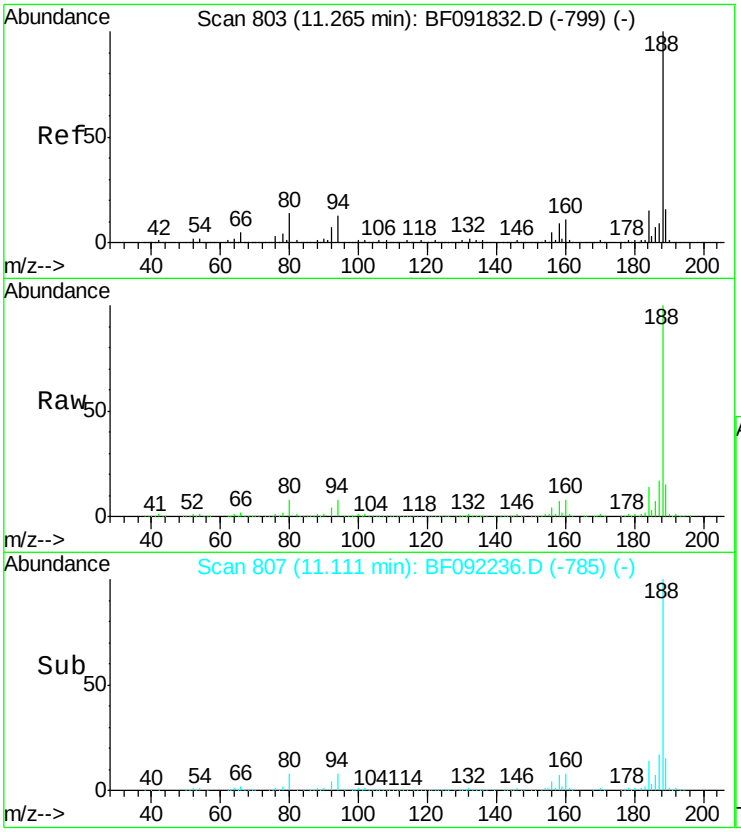


#56
2,4-Dinitrotoluene
Concen: 7.44 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:165 Resp: 54259

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#



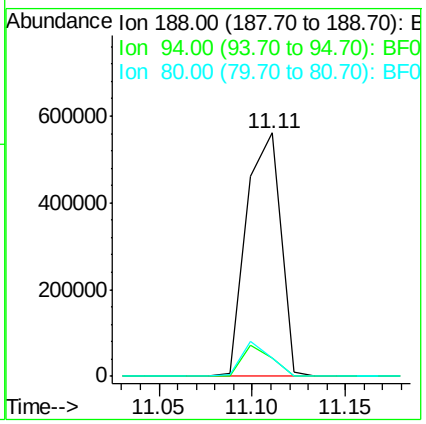


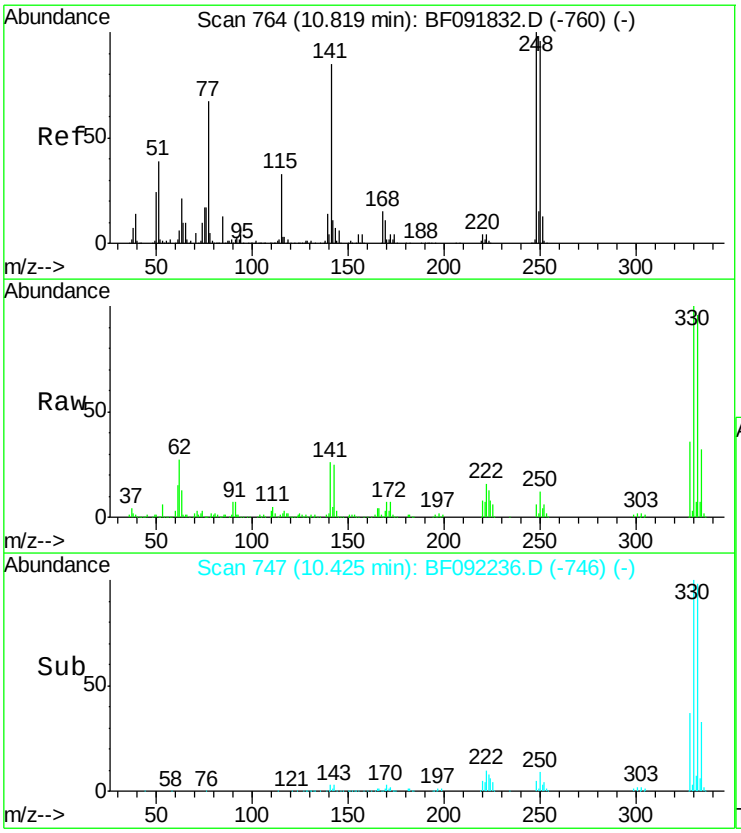
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:188 Resp: 714105

Ion	Ratio	Lower	Upper
188	100		
94	7.7	10.0	15.0#
80	7.7	11.2	16.8#

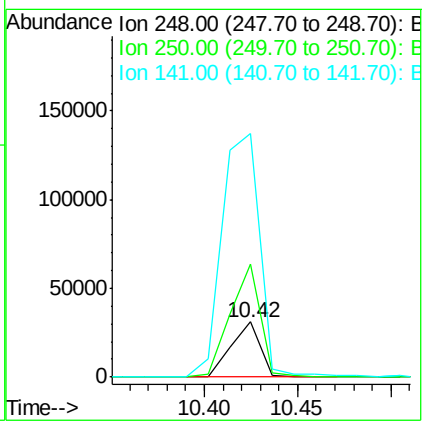


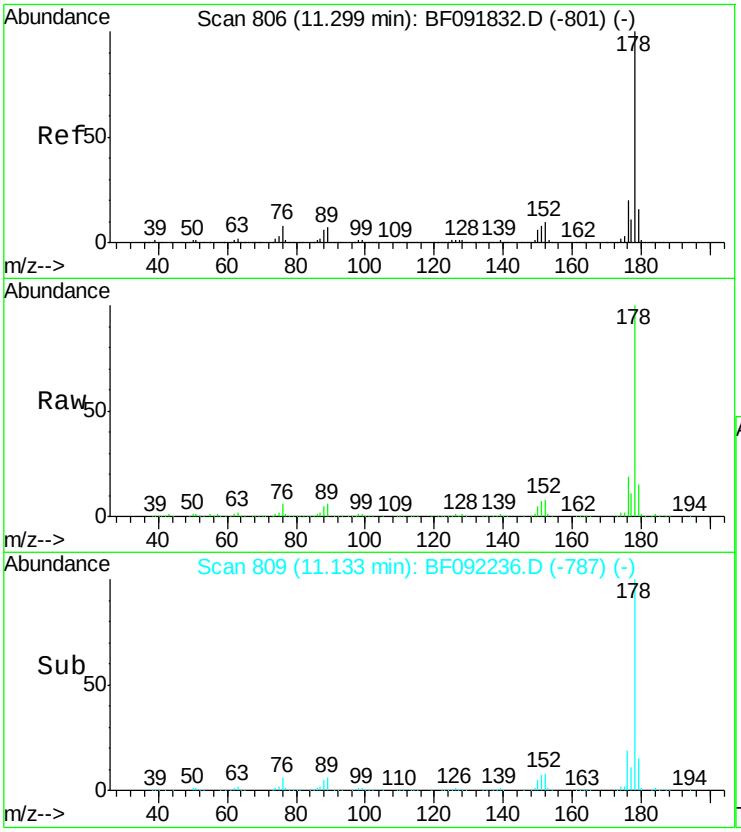


#66
4-Bromophenyl-phenylether
Concen: 4.63 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:248 Resp: 34425

Ion	Ratio	Lower	Upper
248	100		
250	205.2	76.9	115.3#
141	439.4	68.2	102.4#



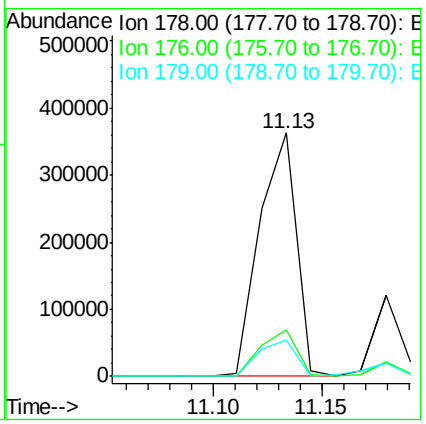


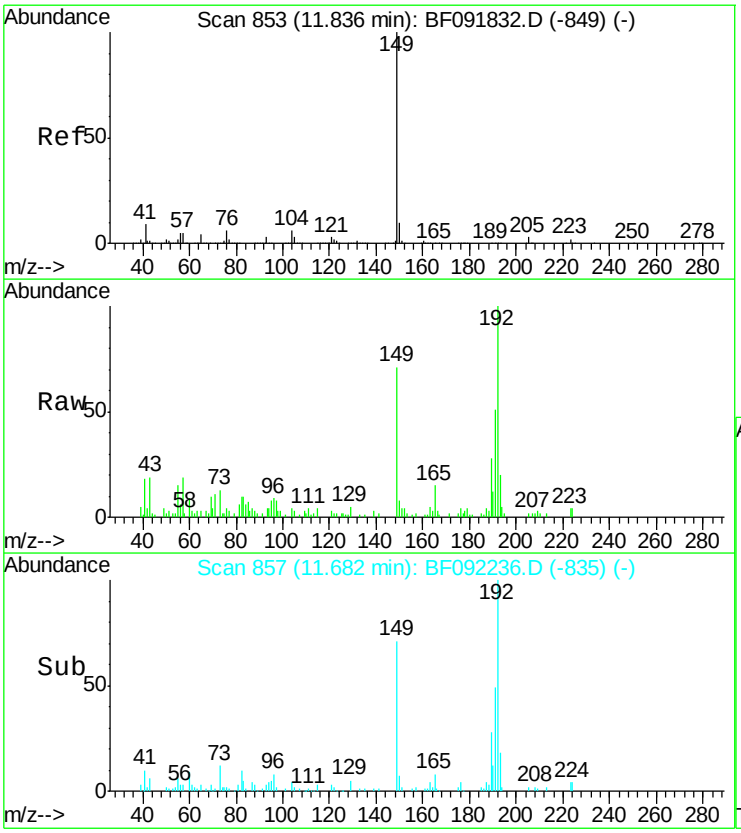
#70
Phenanthrene
Concen: 11.11 ng
RT: 11.13 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:178 Resp: 430306

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.6	25.0
179	15.0	12.8	19.2

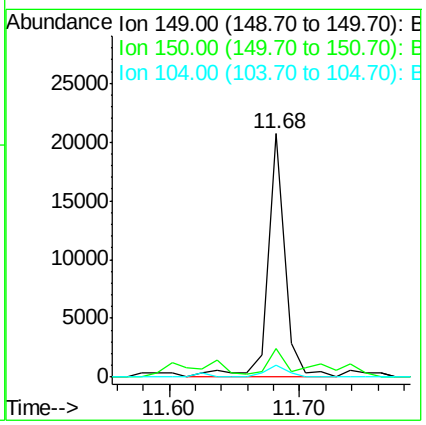


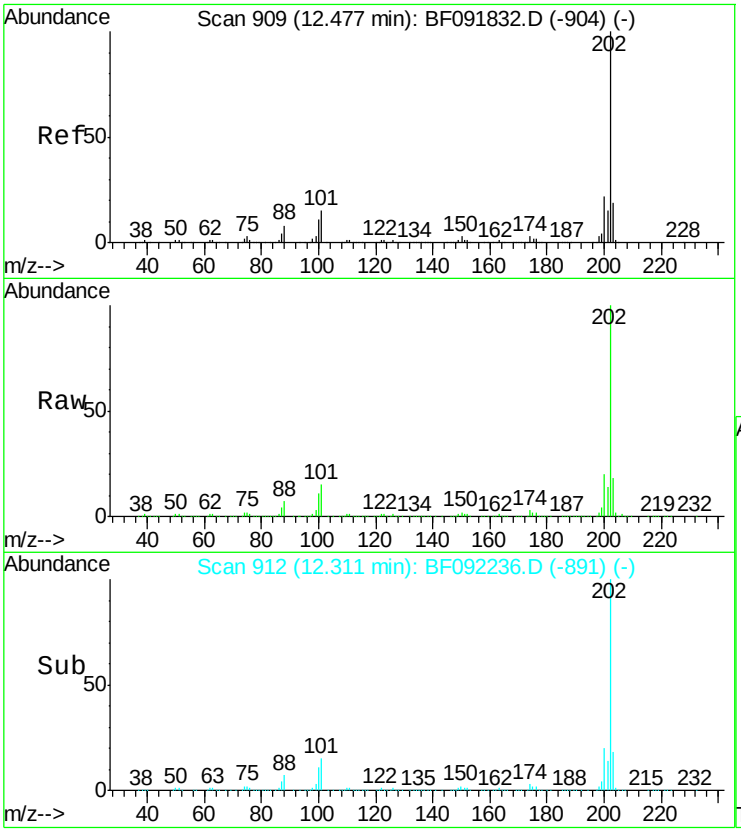


#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.68 min Scan# 857
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:149 Resp: 19179

Ion	Ratio	Lower	Upper
149	100		
150	11.7	8.1	12.1
104	5.0	4.6	7.0



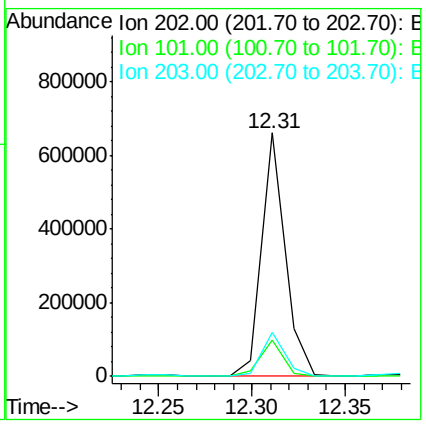


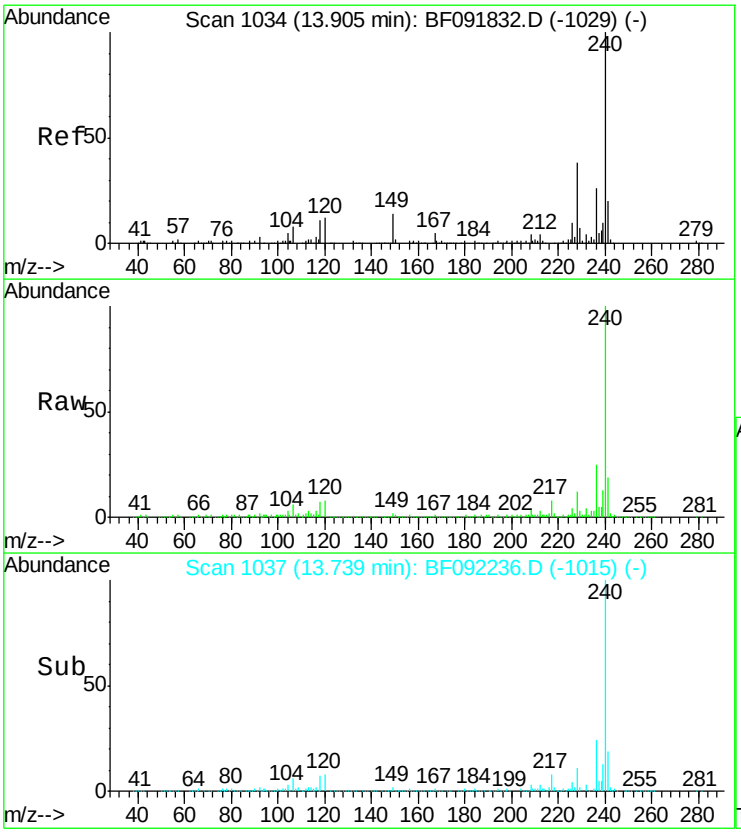
#74
Fluoranthene
Concen: 14.19 ng
RT: 12.31 min Scan# 912
Delta R.T. -0.06 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:202 Resp: 570987

Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	34.6
203	17.9	0.0	38.7

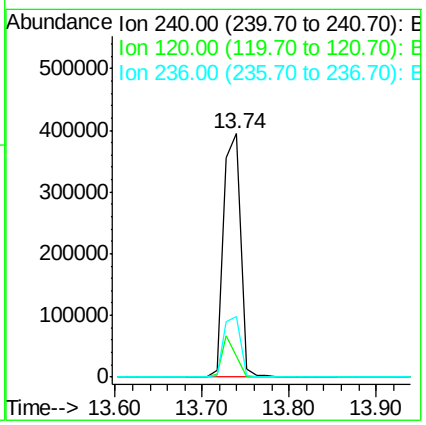


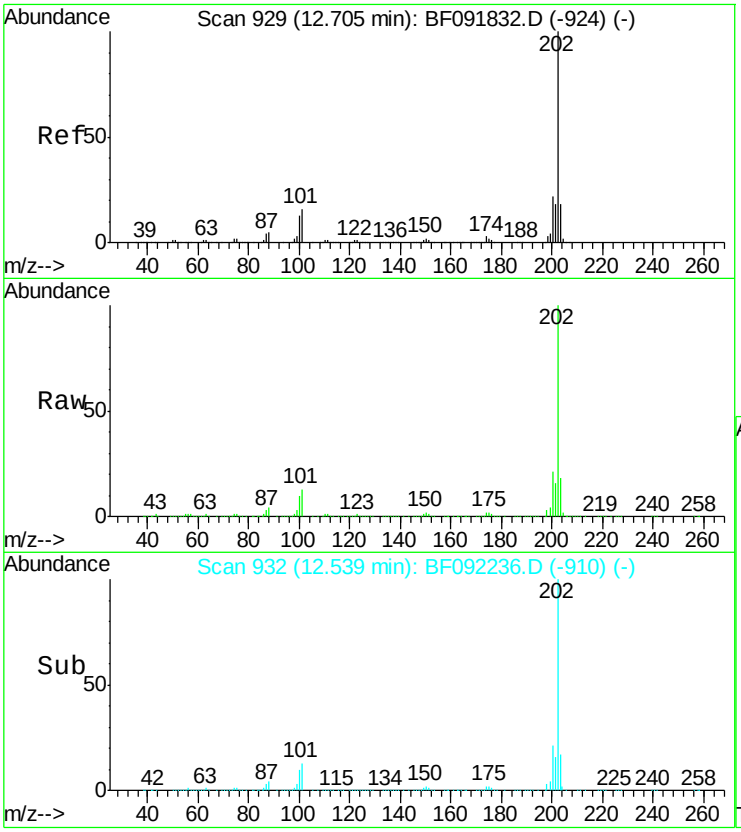


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.74 min Scan# 1037
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:240 Resp: 537319

Ion	Ratio	Lower	Upper
240	100		
120	8.5	12.9	19.3#
236	24.7	20.9	31.3



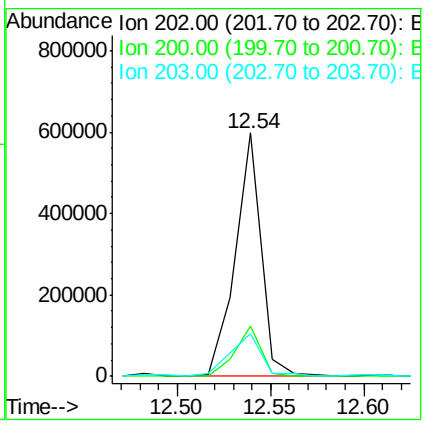


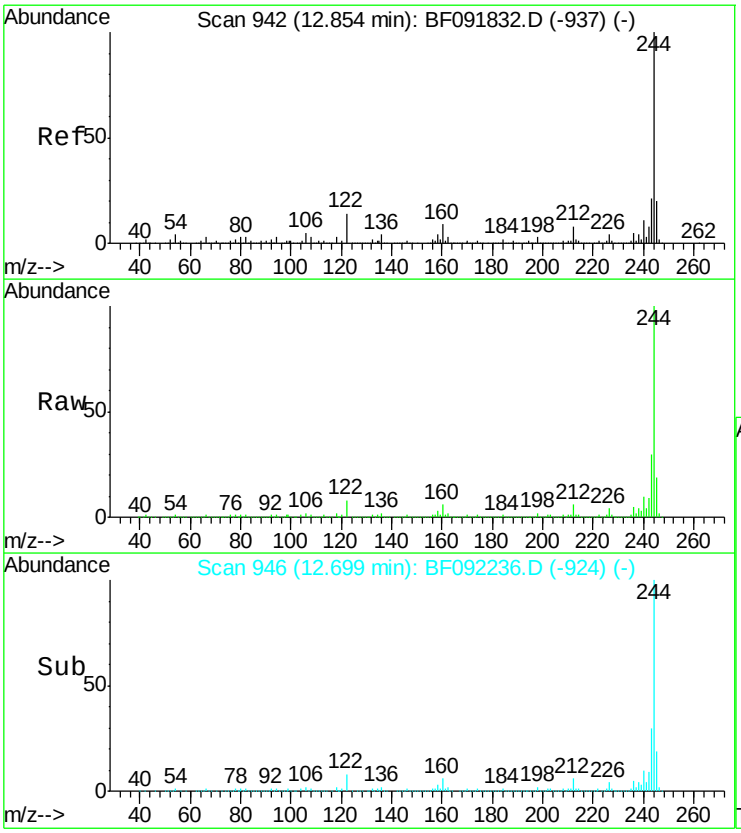
#77
Pyrene
Concen: 14.63 ng
RT: 12.54 min Scan# 932
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:202 Resp: 576853

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.7	26.5
203	17.5	14.7	22.1

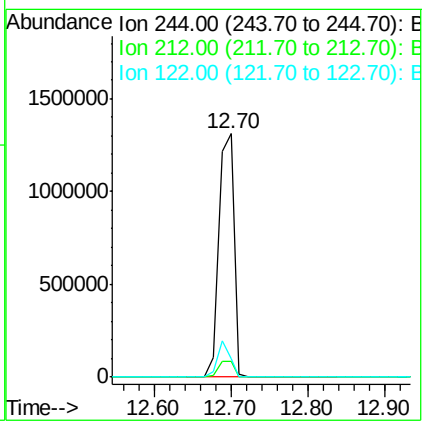


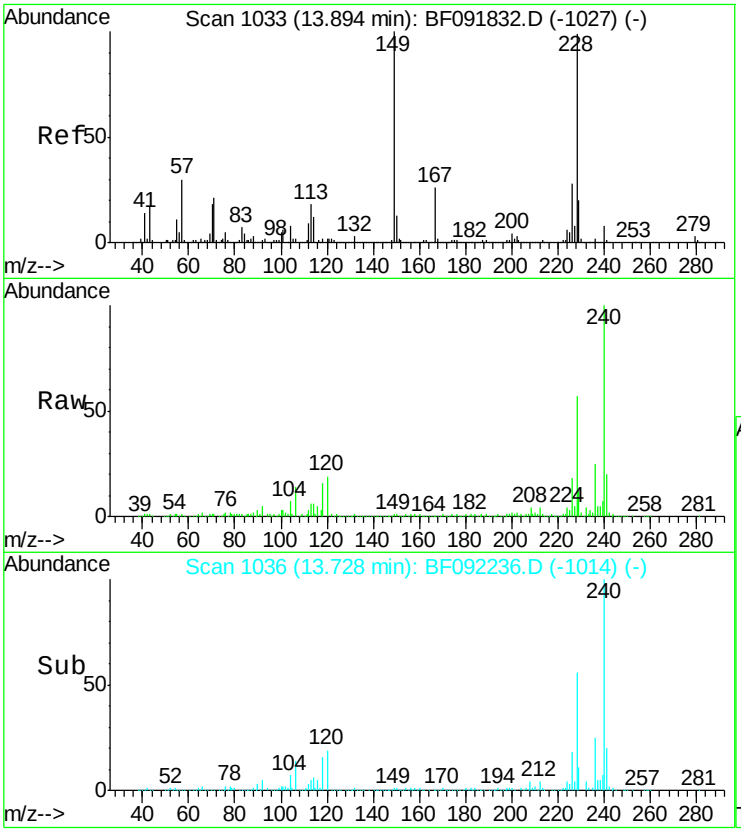


#78
Terphenyl-d14
Concen: 82.56 ng
RT: 12.70 min Scan# 946
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:244 Resp: 1829010

Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.2	9.2
122	7.8	11.4	17.2#



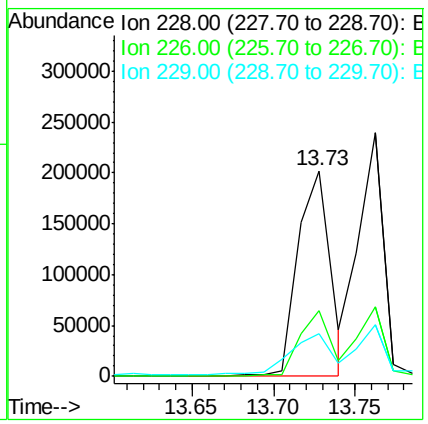


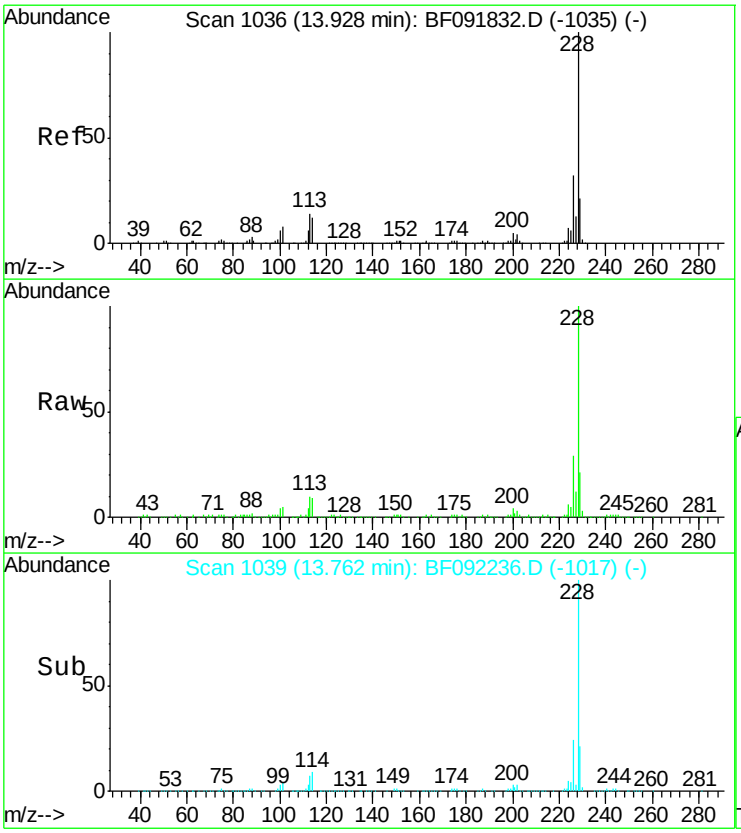
#80
Benzo(a)anthracene
Concen: 9.15 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:228 Resp: 277630

Ion	Ratio	Lower	Upper
228	100		
226	31.9	22.4	33.6
229	20.5	16.2	24.4

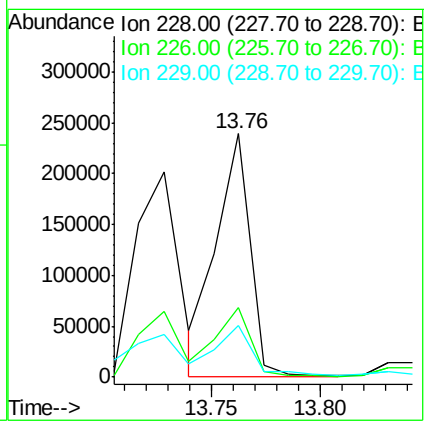


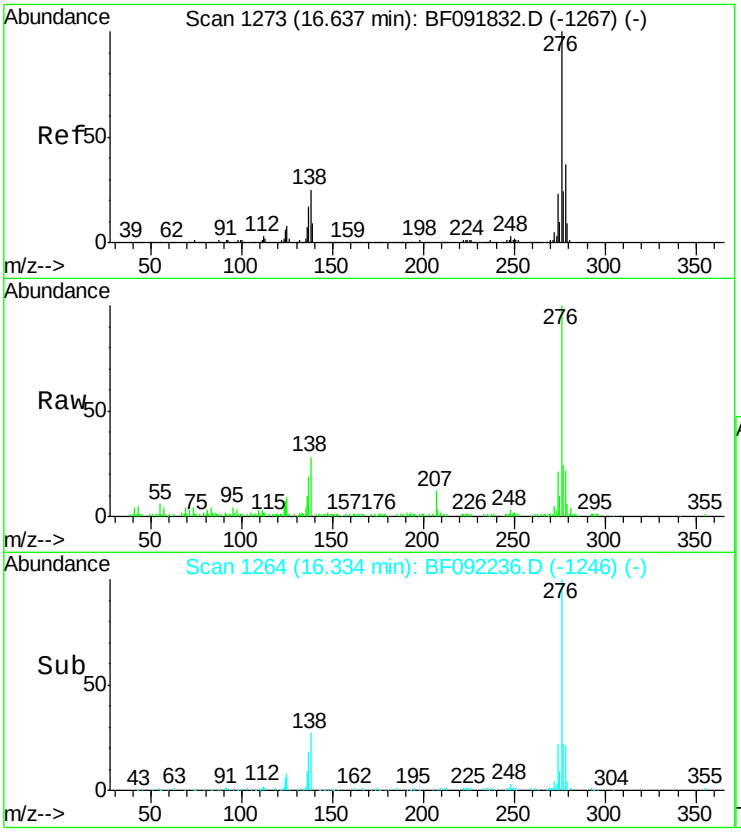


#82
Chrysene
Concen: 8.44 ng
RT: 13.76 min Scan# 1039
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:228 Resp: 256659

Ion	Ratio	Lower	Upper
228	100		
226	28.6	25.4	38.0
229	21.2	16.2	24.2



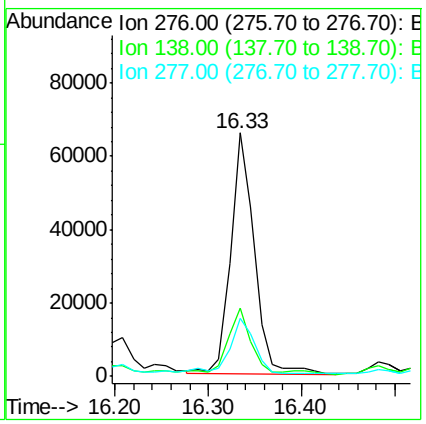


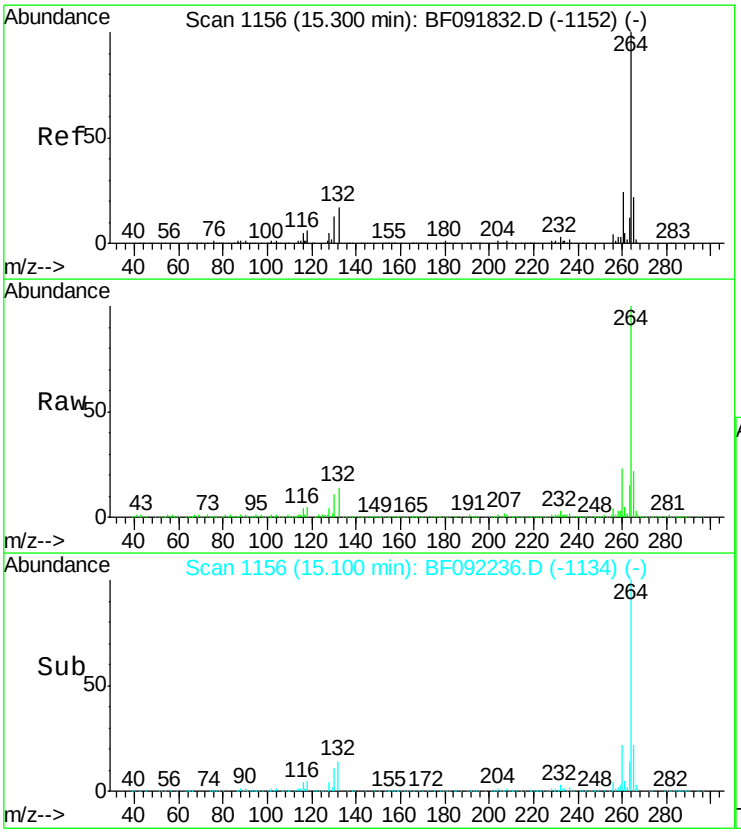
#85
Indeno(1,2,3-cd)pyrene
Concen: 4.45 ng
RT: 16.33 min Scan# 1264
Delta R.T. -0.09 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:276 Resp: 117255

Ion	Ratio	Lower	Upper
276	100		
138	26.5	21.8	32.6
277	26.3	20.2	30.4

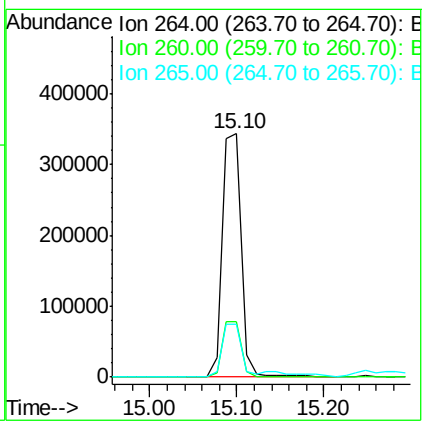


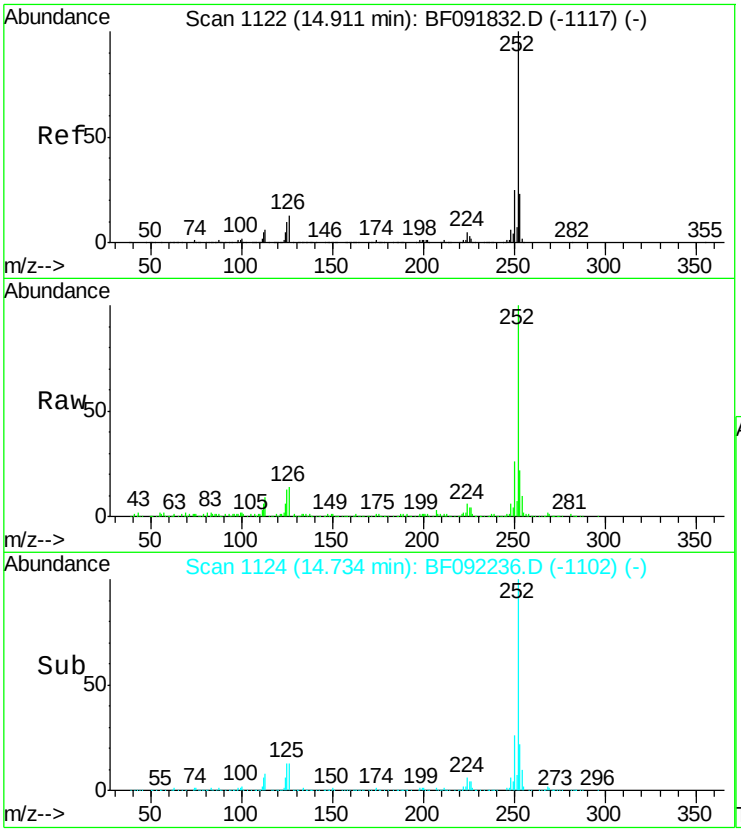


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.10 min Scan# 1156
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:264 Resp: 520649

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.9	17.4	26.0



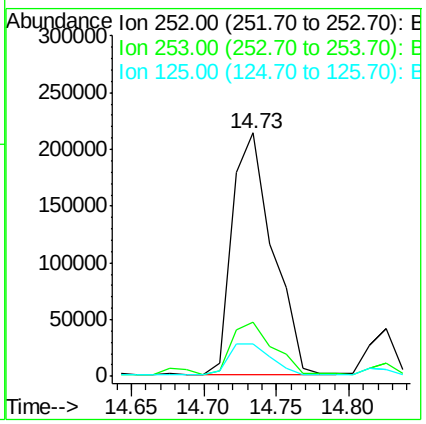


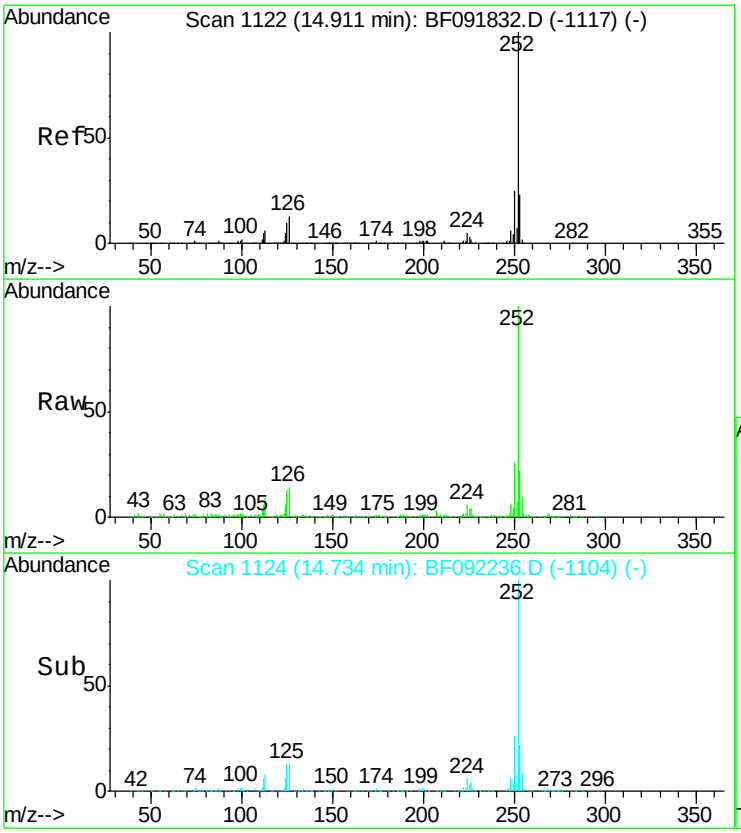
#87
Benzo(b)fluoranthene
Concen: 12.64 ng
RT: 14.73 min Scan# 1124
Delta R.T. -0.05 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:252 Resp: 409831

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	13.3	9.8	14.6

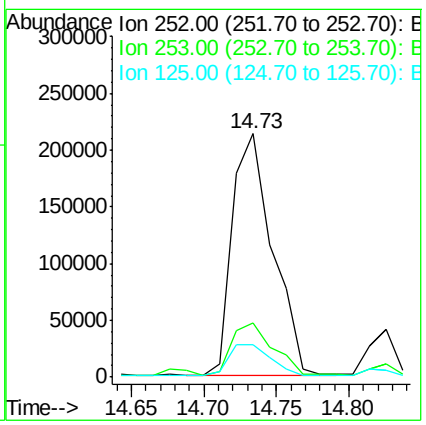


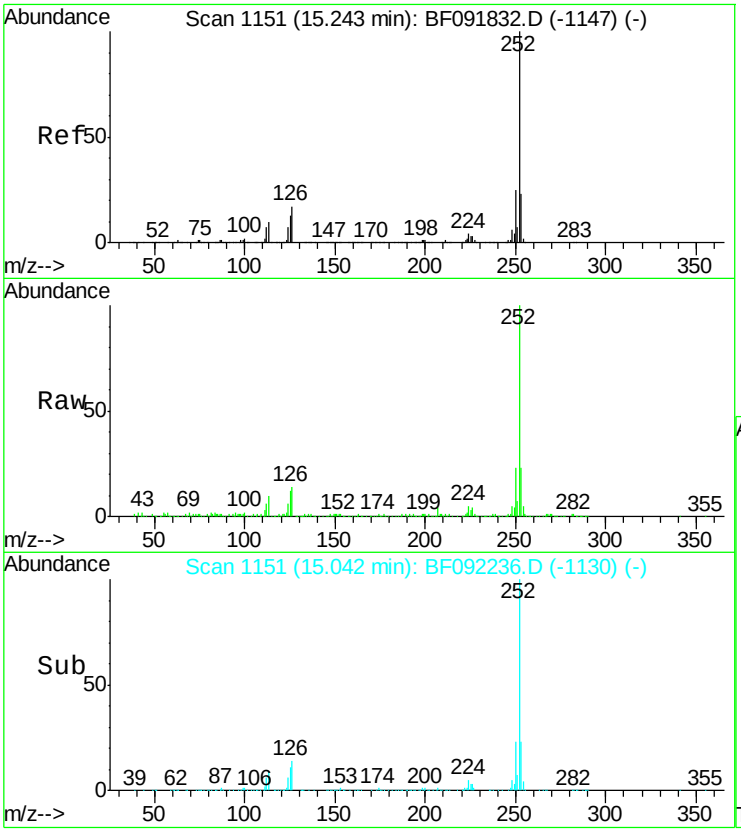


#88
Benzo(k)fluoranthene
Concen: 14.78 ng
RT: 14.73 min Scan# 1124
Delta R.T. -0.07 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:252 Resp: 408538

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	13.3	8.9	13.3



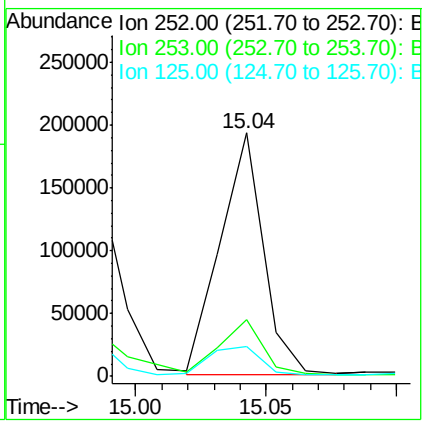


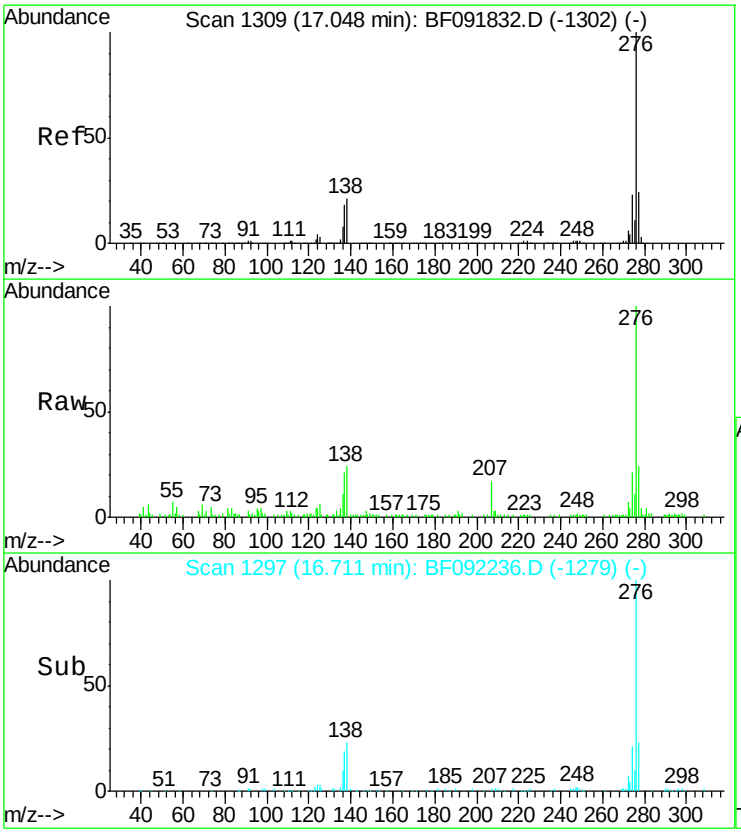
#89
Benzo(a)pyrene
Concen: 7.81 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.06 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:252 Resp: 224829

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	12.1	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 4.46 ng
RT: 16.71 min Scan# 1297
Delta R.T. -0.09 min
Lab File: BF092236.D
Acq: 13 Jan 2017 5:43

Tgt Ion:276 Resp: 109723

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.2	28.8
138	24.0	16.0	24.0