Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
Data File : BF092247.D
Acq On : 13 Jan 2017 14:14
Operator : UM/SJ
Sample : I1146-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P-19-11017

Quant Time: Jan 13 17:54:30 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	6.59	152	207201	20.00	ng		-0.05
21) Naphthalene-d8	7.87	136	692226	20.00	ng		-0.07
38) Acenaphthene-d10	9.62	164	328948	20.00	ng		-0.07
63) Phenanthrene-d10	11.10	188	465293	20.00	ng		-0.05
75) Chrysene-d12	13.73	240	354868	20.00	ng		-0.05
86) Perylene-d12	15.08	264	356902	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	1968369	158.62	ng		-0.04
7) Phenol-d6	6.26	99	2087299	137.77	ng		-0.05
23) Nitrobenzene-d5	7.16	82	1201823	96.54	ng		-0.05
41) 2,4,6-Tribromophenol	10.42	330	412682	151.59	ng		-0.05
44) 2-Fluorobiphenyl	8.95	172	1836446	119.65	ng		-0.05
78) Terphenyl-d14	12.69	244	1343036	91.79	ng		-0.05
Target Compounds							Qvalue
15) Benzyl Alcohol	6.75	79	23720	2.01	ng	#	25
19) n-Nitroso-di-n-propylamine	7.16	70	159272	15.80	ng	#	76
25) Isophorone	7.16	82	1194481	52.01	ng	#	65
37) 2-Methylnaphthalene	8.59	142	6560	Below Cal			98
49) Dimethylphthalate	9.35	163	462152	21.97	ng		100
56) 2,4-Dinitrotoluene	9.62	165	42821	7.41	ng	#	20
66) 4-Bromophenyl-phenylether	10.42	248	26623	5.50	ng	#	1
70) Phenanthrene	11.12	178	282132	11.18	ng		96
73) Di-n-butylphthalate	11.67	149	11865	Below Cal		#	96
74) Fluoranthene	12.30	202	366982	13.94	ng		97
76) Benzidine	12.68	184	17477	Below Cal		#	97
77) Pyrene	12.53	202	372621	14.31	ng		97
80) Benzo(a)anthracene	13.72	228	183616	9.17	ng		96
82) Chrysene	13.72	228	183616	9.14	ng		100
85) Indeno(1,2,3-cd)pyrene	16.33	276	85110	4.89	ng		96
87) Benzo(b)fluoranthene	14.73	252	272324	12.26	ng		99
88) Benzo(k)fluoranthene	14.73	252	272324	14.37	ng		98
89) Benzo(a)pyrene	15.11	252	41466	2.10	ng		95
91) Benzo(g,h,i)perylene	16.69	276	79319	4.71	ng		98

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

Quantitation Report (Not Reviewed)

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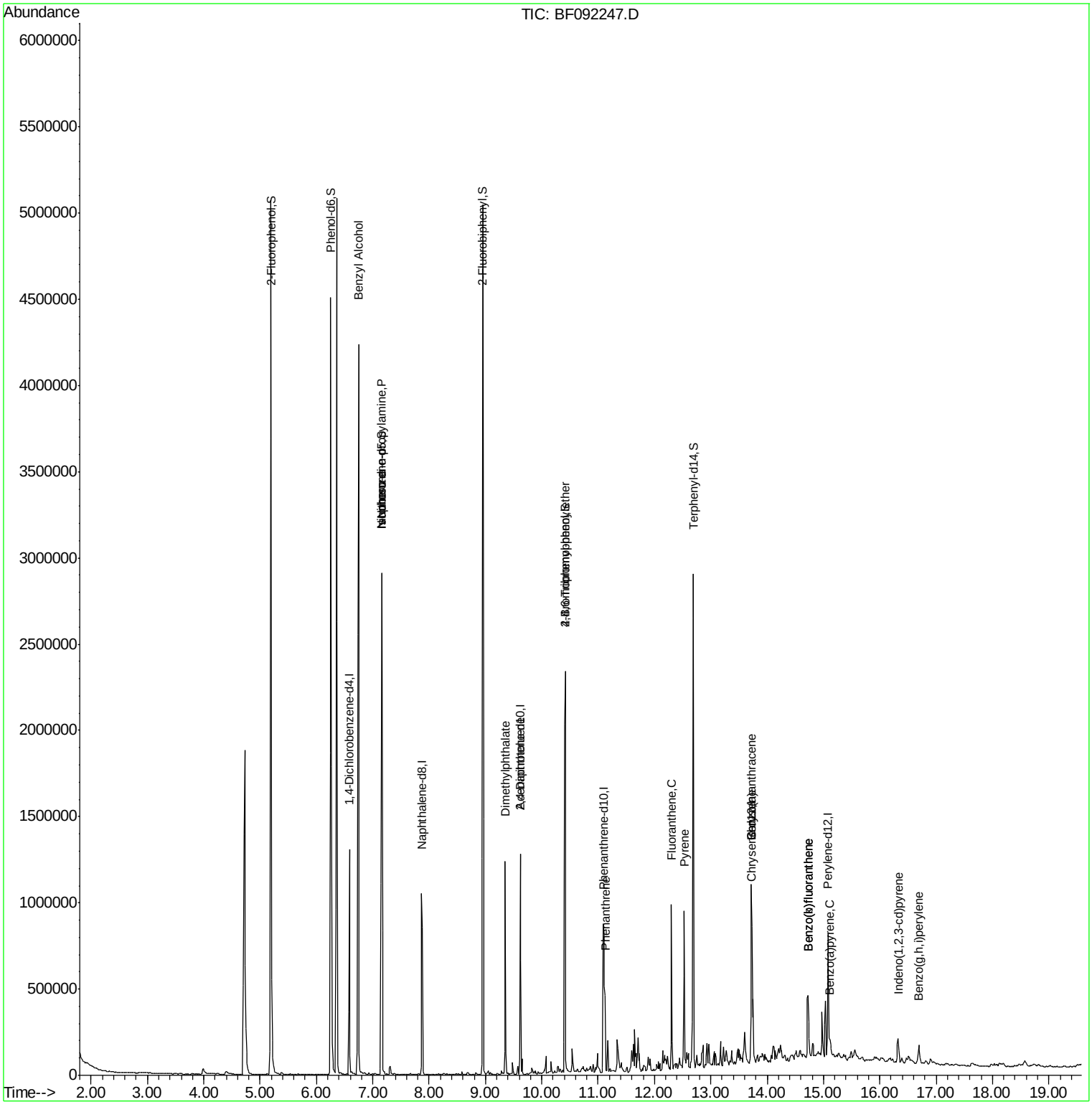
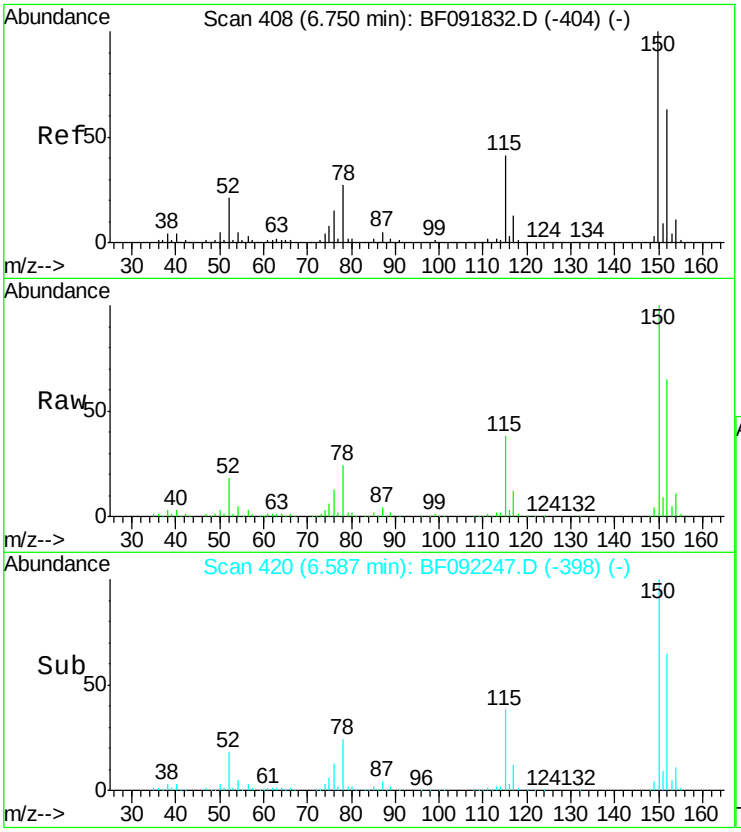


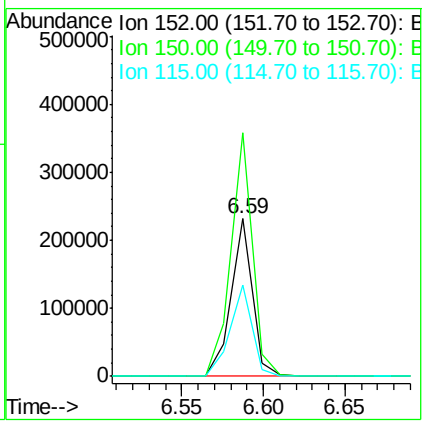


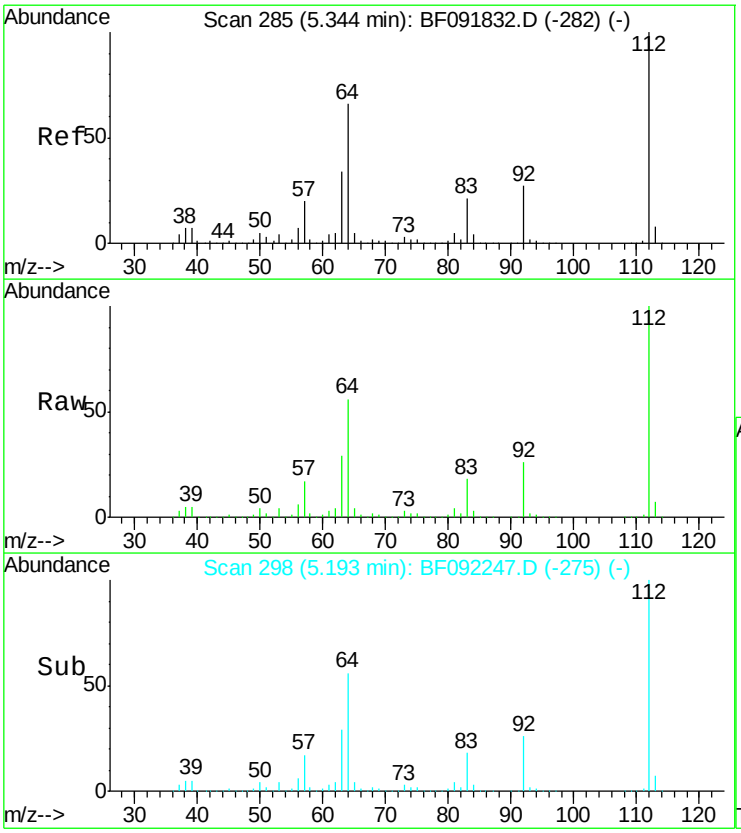
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.59 min Scan# 420
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:152 Resp: 207201

Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.9	187.3
115	58.2	46.0	69.0

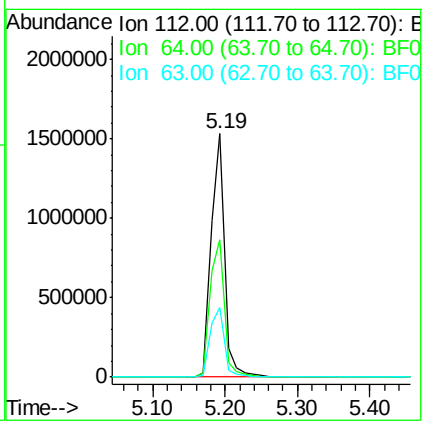


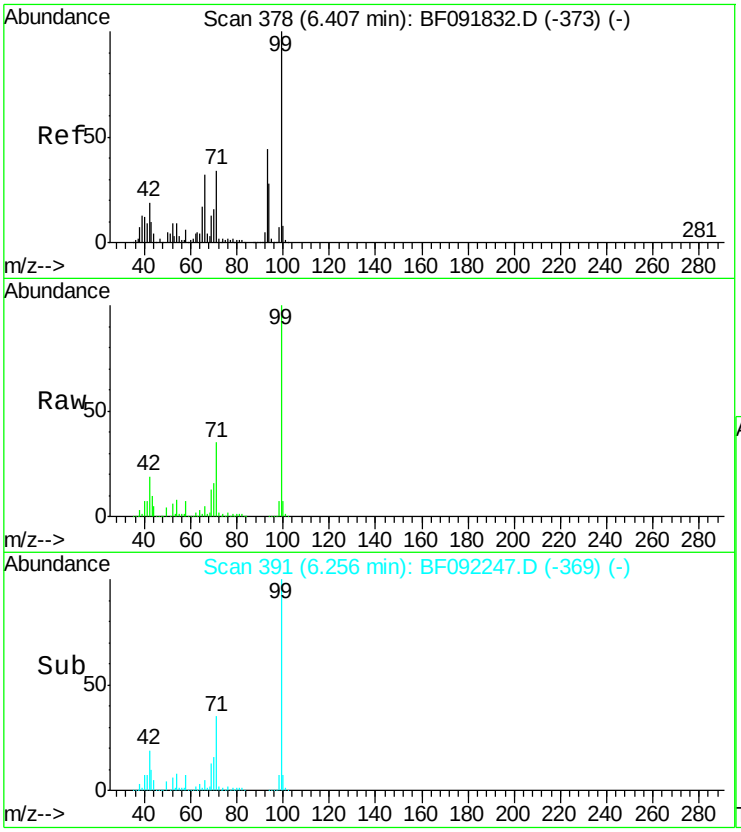


#5
2-Fluorophenol
Concen: 158.62 ng
RT: 5.19 min Scan# 298
Delta R.T. -0.04 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:112 Resp: 1968369

Ion	Ratio	Lower	Upper
112	100		
64	56.5	46.1	69.1
63	28.6	23.8	35.6



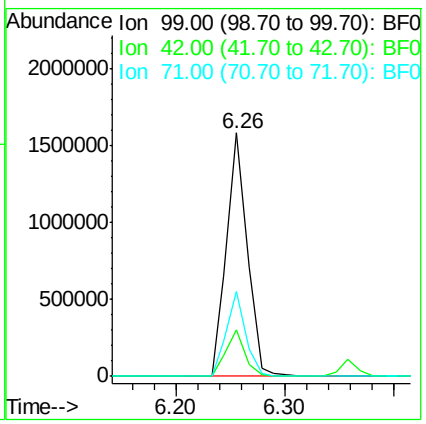


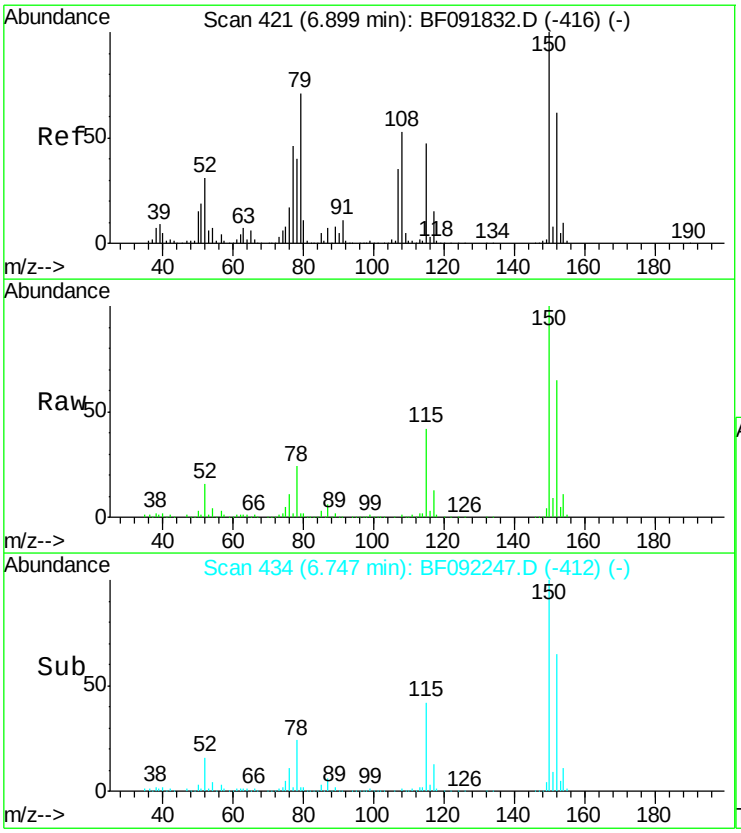
#7
Phenol-d6
Concen: 137.77 ng
RT: 6.26 min Scan# 391
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion: 99 Resp: 2087299

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.6	23.4
71	34.8	27.5	41.3

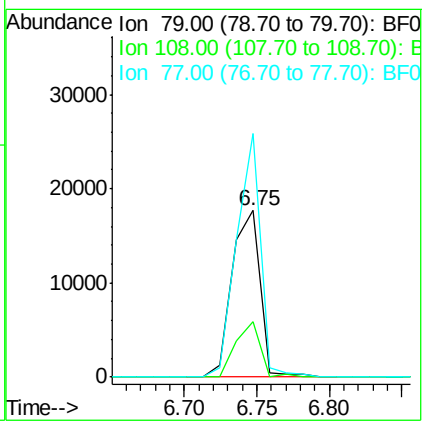


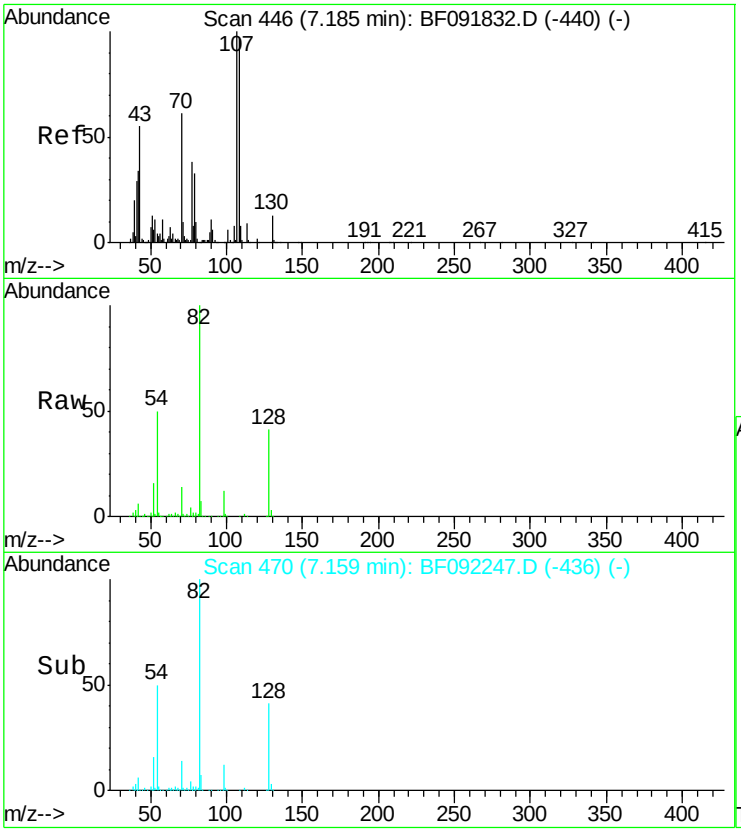


#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 6.75 min Scan# 434
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion: 79 Resp: 23720

Ion	Ratio	Lower	Upper
79	100		
108	33.6	61.4	92.0#
77	146.1	50.9	76.3#



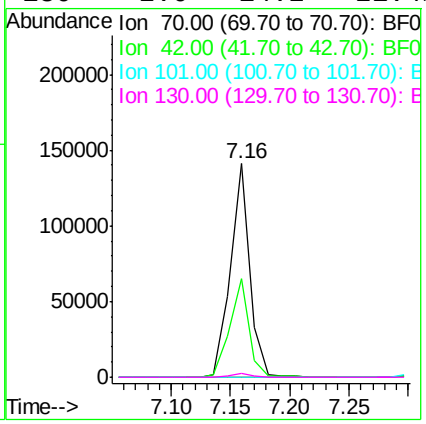


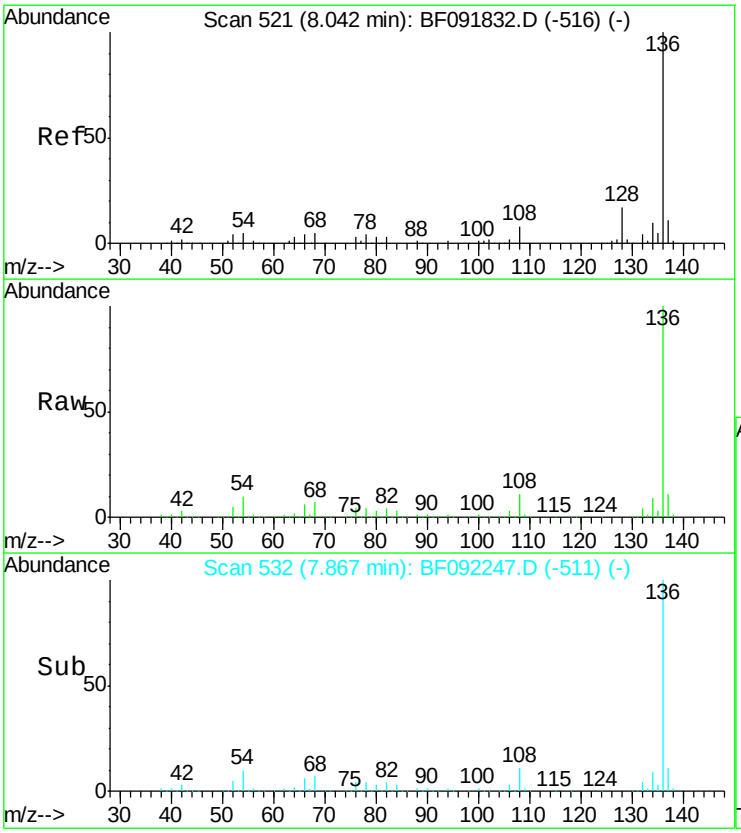
#19
n-Nitroso-di-n-propylamine
Concen: 15.80 ng
RT: 7.16 min Scan# 470
Delta R.T. 0.08 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion: 70 Resp: 159272

Ion	Ratio	Lower	Upper
70	100		
42	45.9	49.4	74.0#
101	0.0	7.4	11.2#
130	2.0	14.2	21.4#

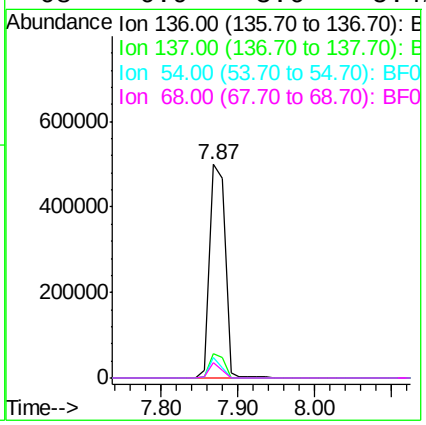


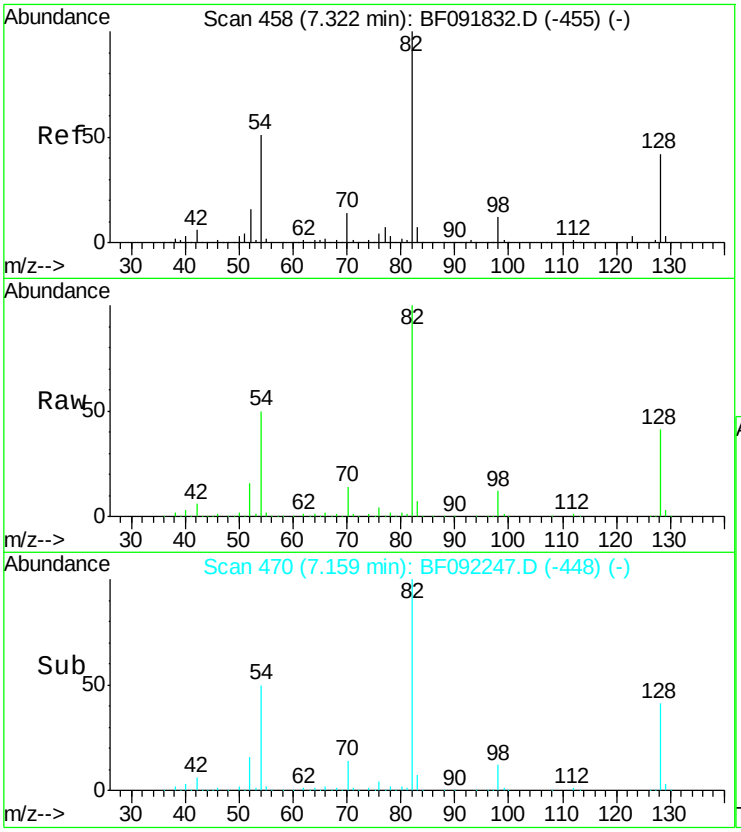


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 532
Delta R.T. -0.07 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:136 Resp: 692226

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.7	4.5	6.7#
68	6.9	3.6	5.4#



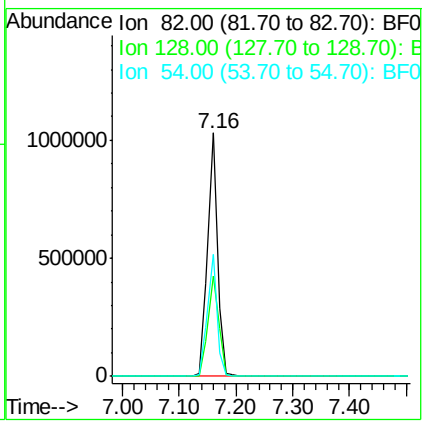


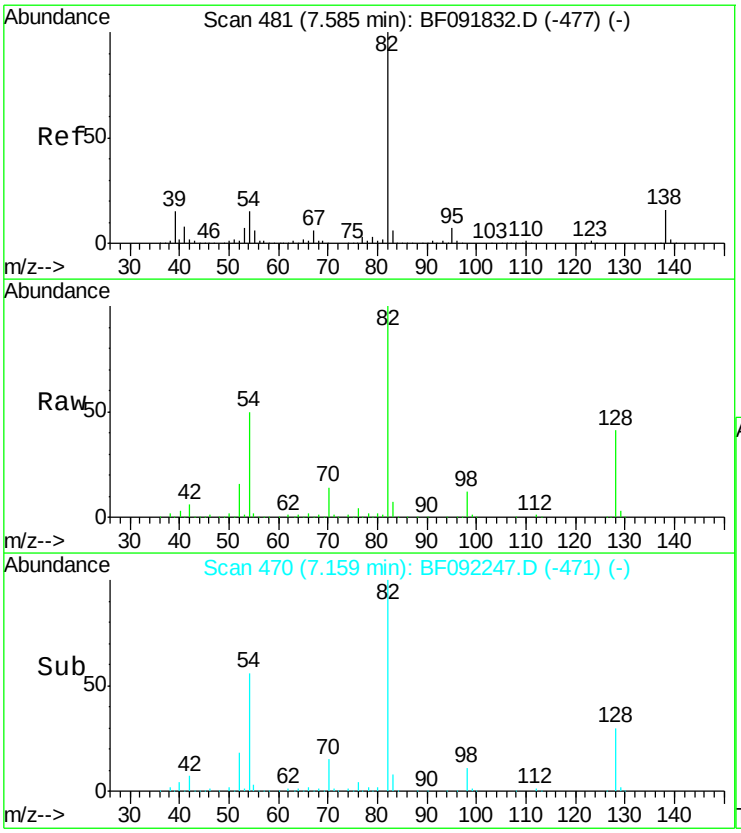
#23
Nitrobenzene-d5
Concen: 96.54 ng
RT: 7.16 min Scan# 470
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion: 82 Resp: 1201823

Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	50.2	39.5	59.3

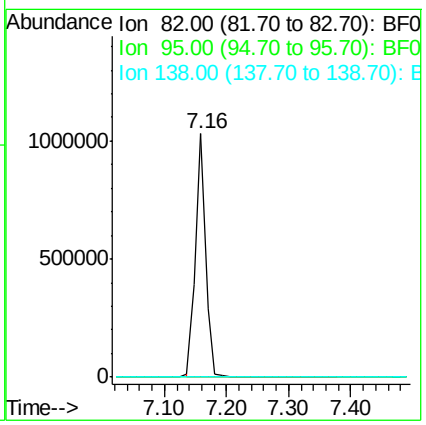


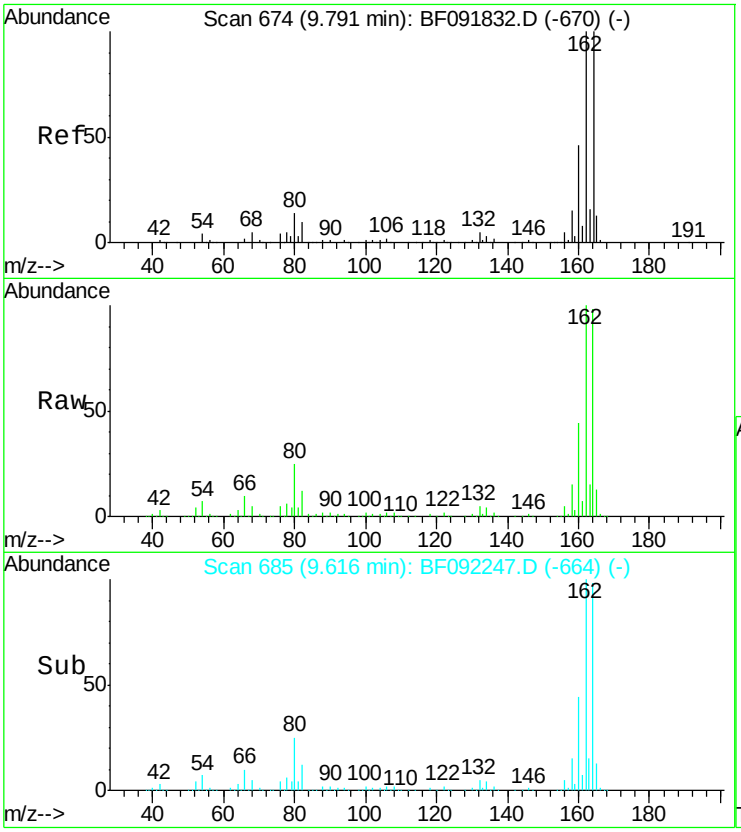


#25
Isophorone
Concen: 52.01 ng
RT: 7.16 min Scan# 470
Delta R.T. -0.32 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion: 82 Resp: 1194481

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



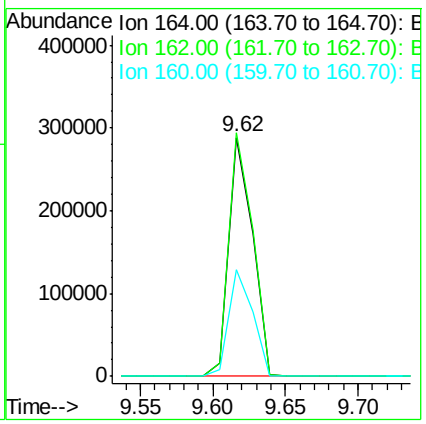


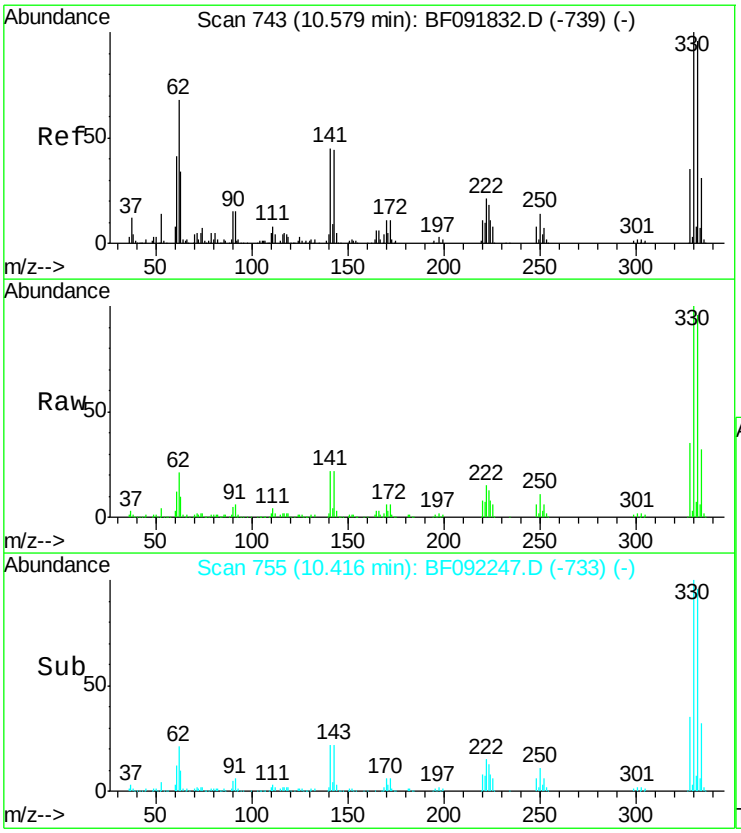
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.07 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:164 Resp: 328948

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	44.9	36.9	55.3

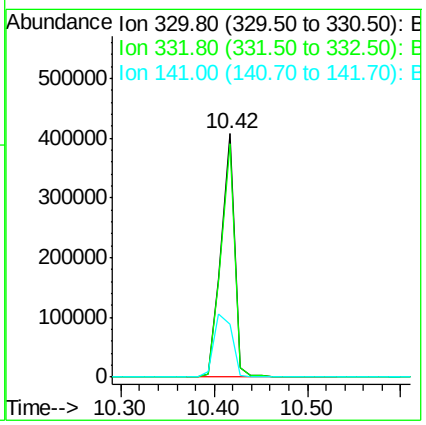


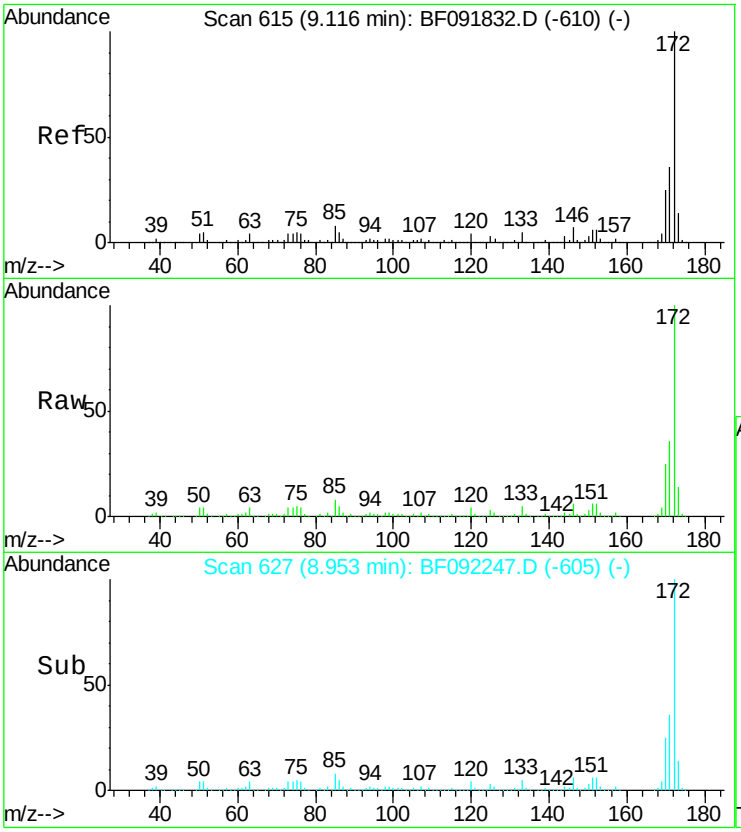


#41
2,4,6-Tribromophenol
Concen: 151.59 ng
RT: 10.42 min Scan# 755
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:330 Resp: 412682

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	34.6	34.1	51.1



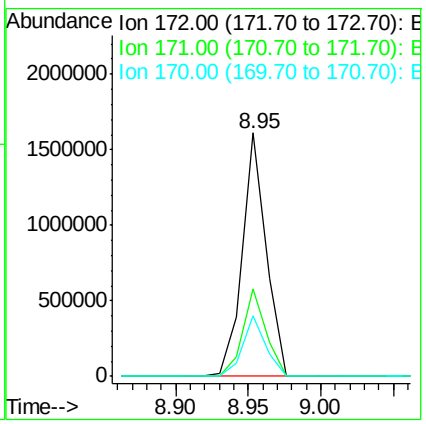


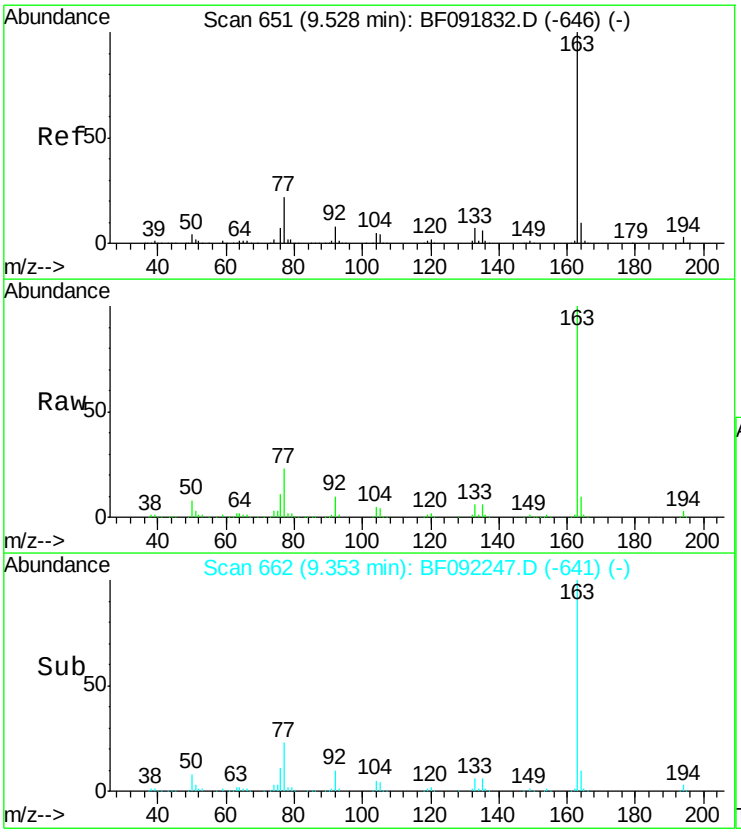
#44
2-Fluorobiphenyl
Concen: 119.65 ng
RT: 8.95 min Scan# 627
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:172 Resp: 1836446

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.7	20.2	30.4

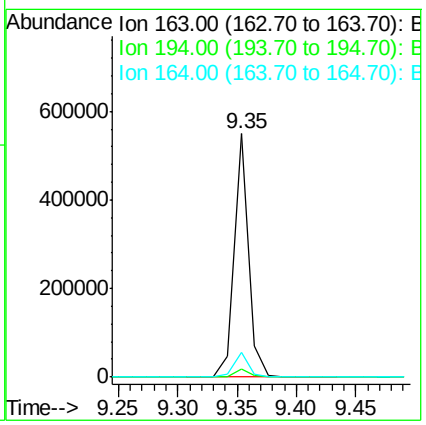


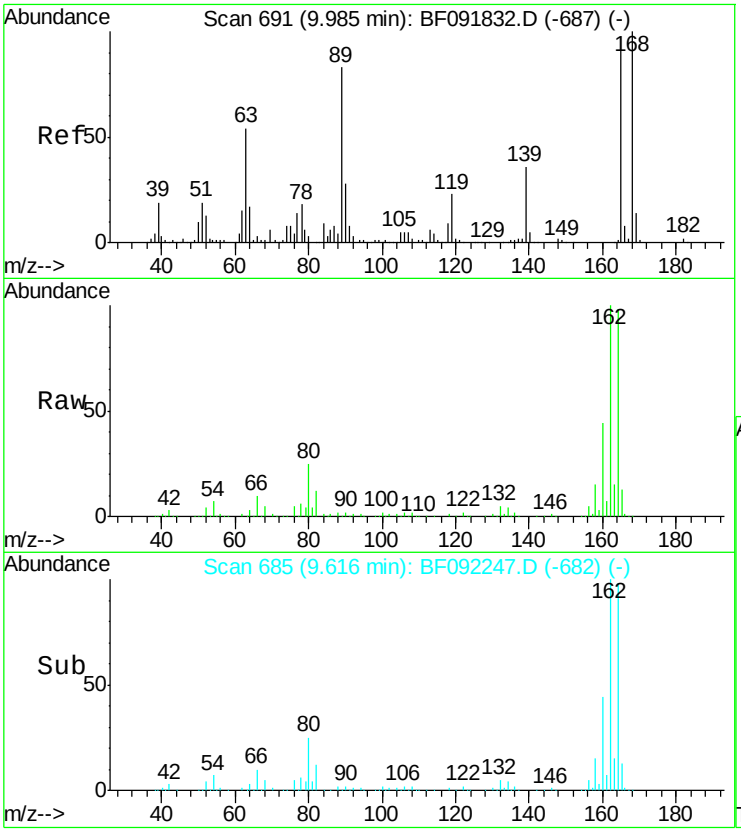


#49
Dimethylphthalate
Concen: 21.97 ng
RT: 9.35 min Scan# 662
Delta R.T. -0.07 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:163 Resp: 462152

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.0	8.0	12.0



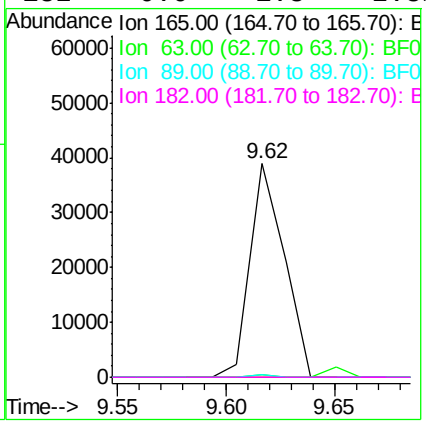


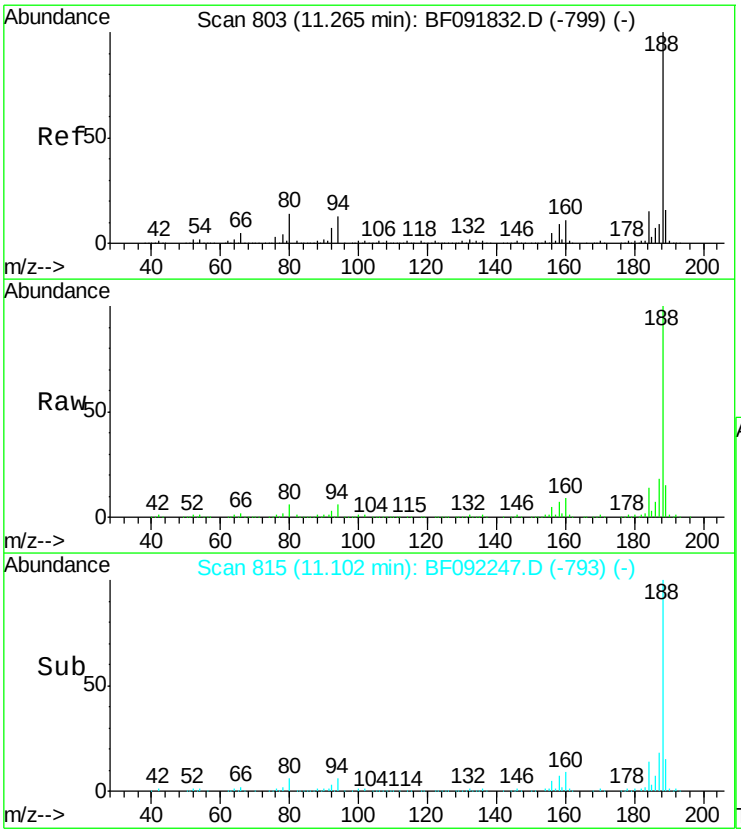
#56
2,4-Dinitrotoluene
Concen: 7.41 ng
RT: 9.62 min Scan# 685
Delta R.T. -0.27 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:165 Resp: 42821

Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

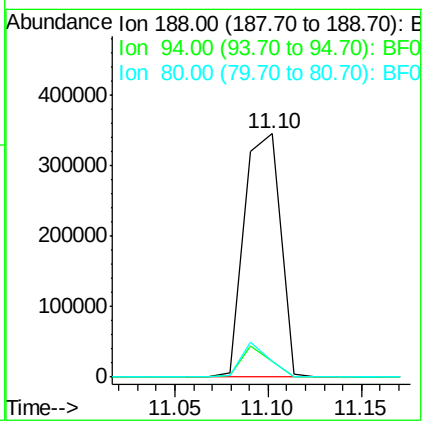


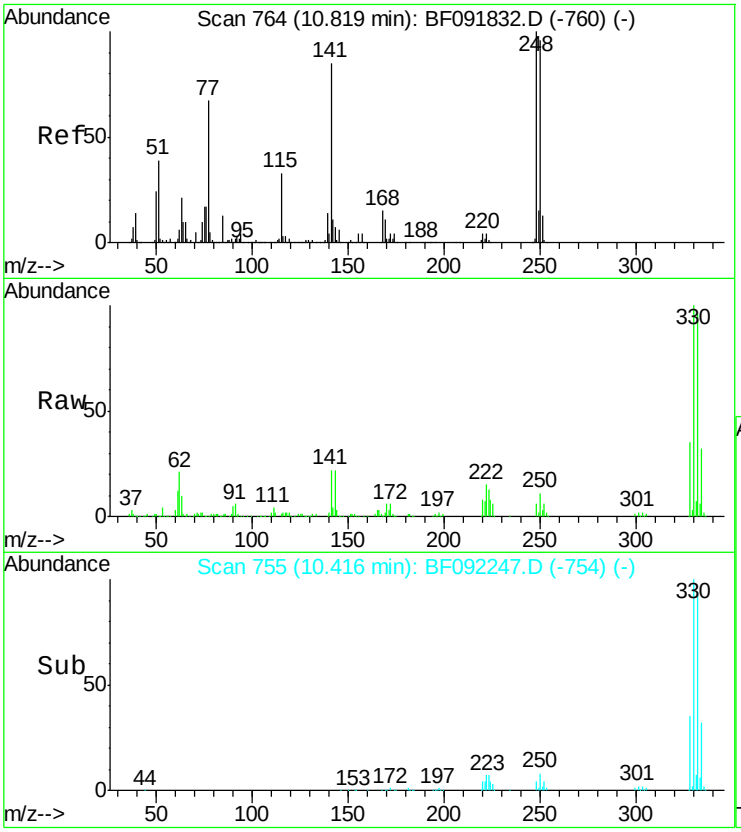


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 815
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:188 Resp: 465293

Ion	Ratio	Lower	Upper
188	100		
94	6.3	10.0	15.0#
80	6.5	11.2	16.8#



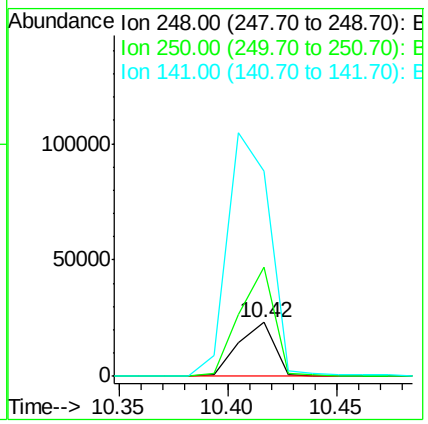


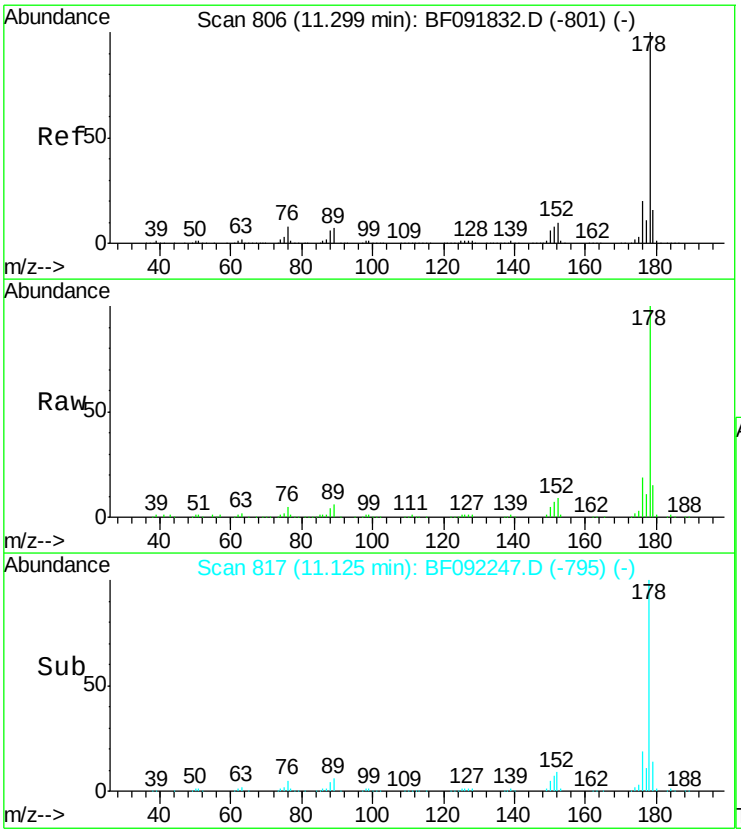
#66
4-Bromophenyl-phenylether
Concen: 5.50 ng
RT: 10.42 min Scan# 755
Delta R.T. -0.29 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:248 Resp: 26623

Ion	Ratio	Lower	Upper
248	100		
250	202.6	76.9	115.3#
141	380.4	68.2	102.4#

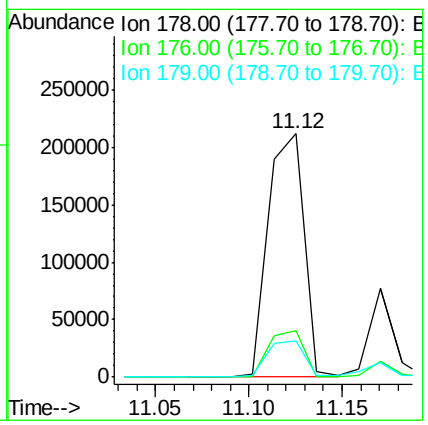


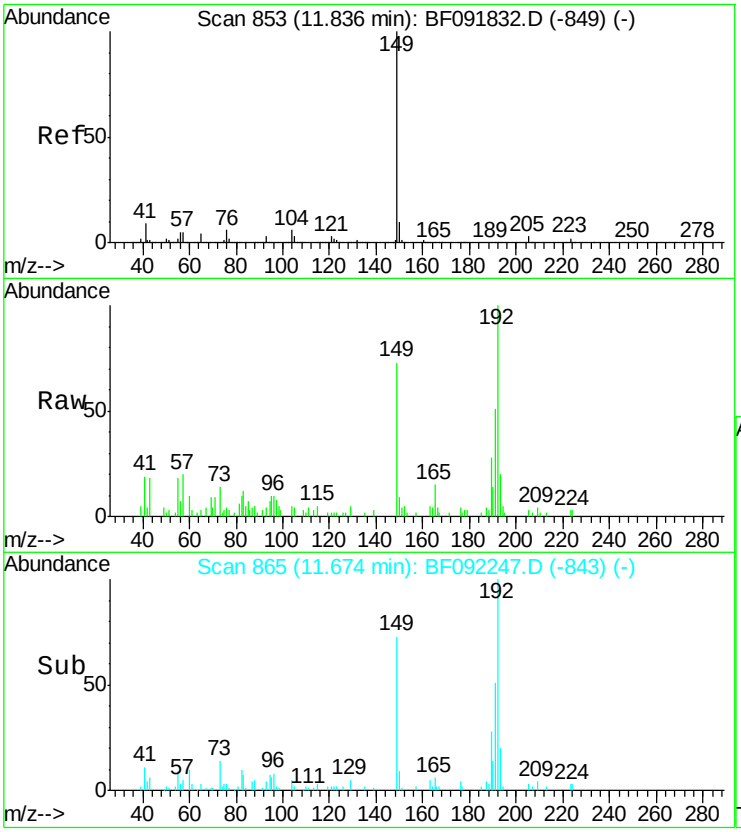


#70
Phenanthrene
Concen: 11.18 ng
RT: 11.12 min Scan# 817
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:178 Resp: 282132

Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.6	25.0
179	14.6	12.8	19.2



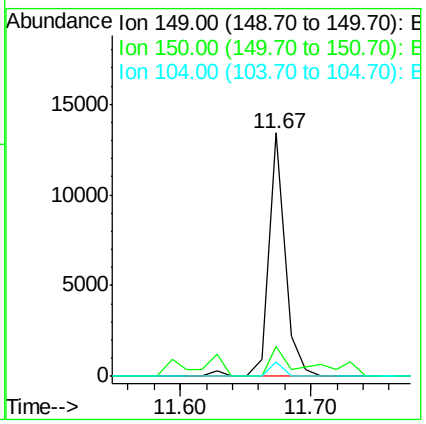


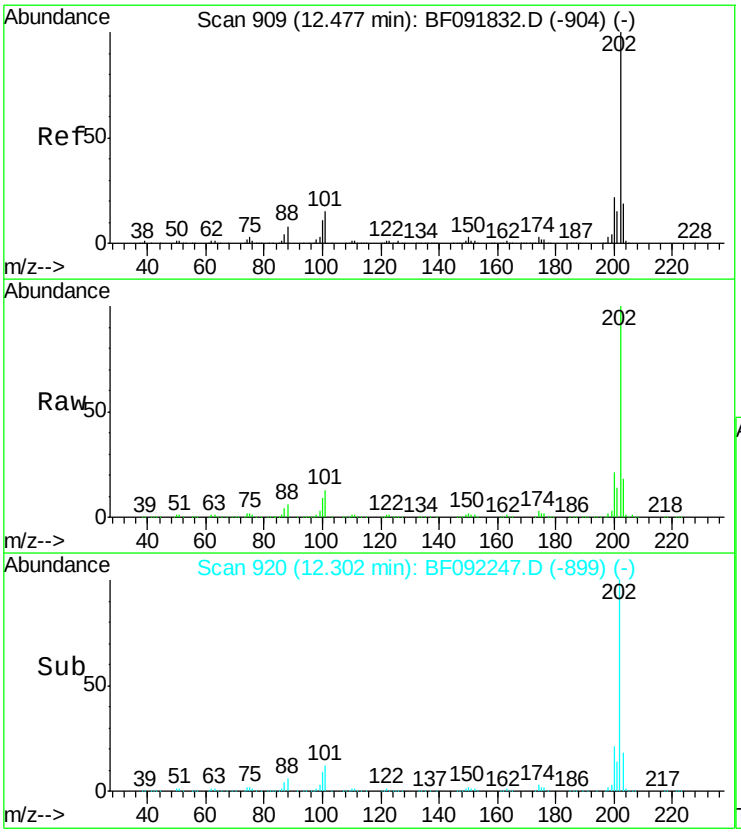
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.67 min Scan# 865
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:149 Resp: 11865

Ion	Ratio	Lower	Upper
149	100		
150	12.5	8.1	12.1#
104	6.1	4.6	7.0

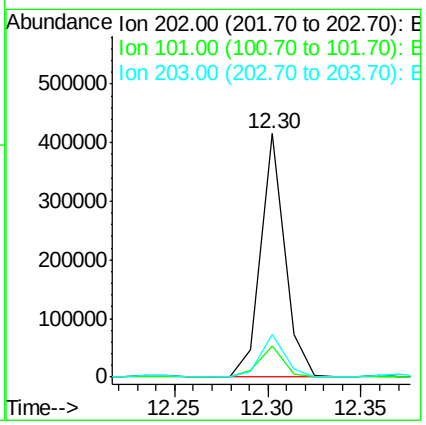


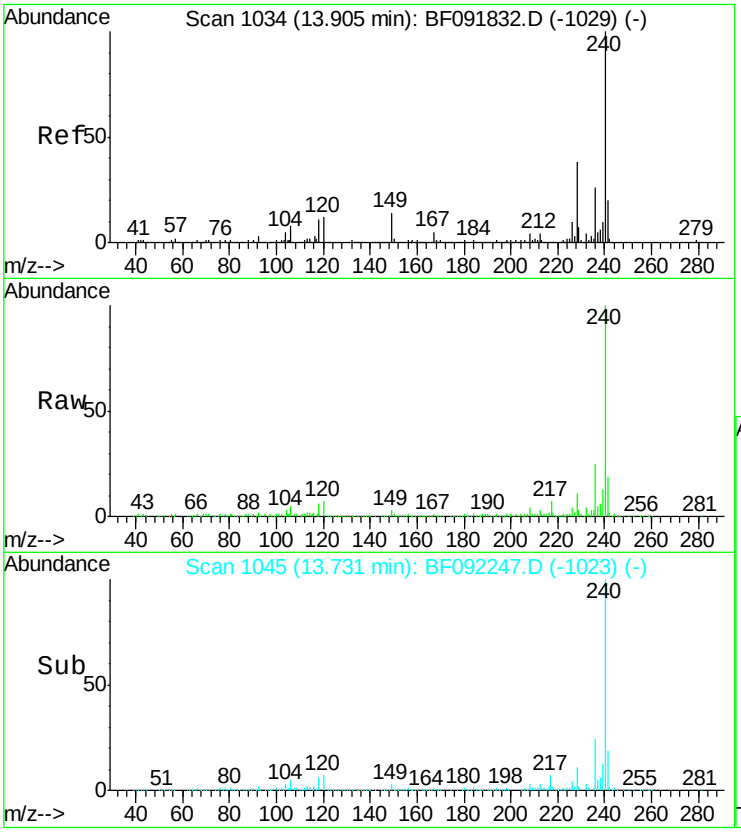


#74
Fluoranthene
Concen: 13.94 ng
RT: 12.30 min Scan# 920
Delta R.T. -0.07 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:202 Resp: 366982

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	34.6
203	17.7	0.0	38.7



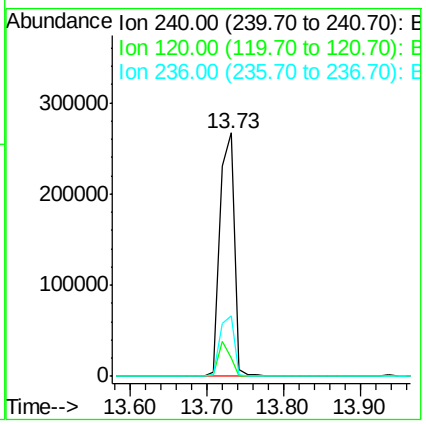


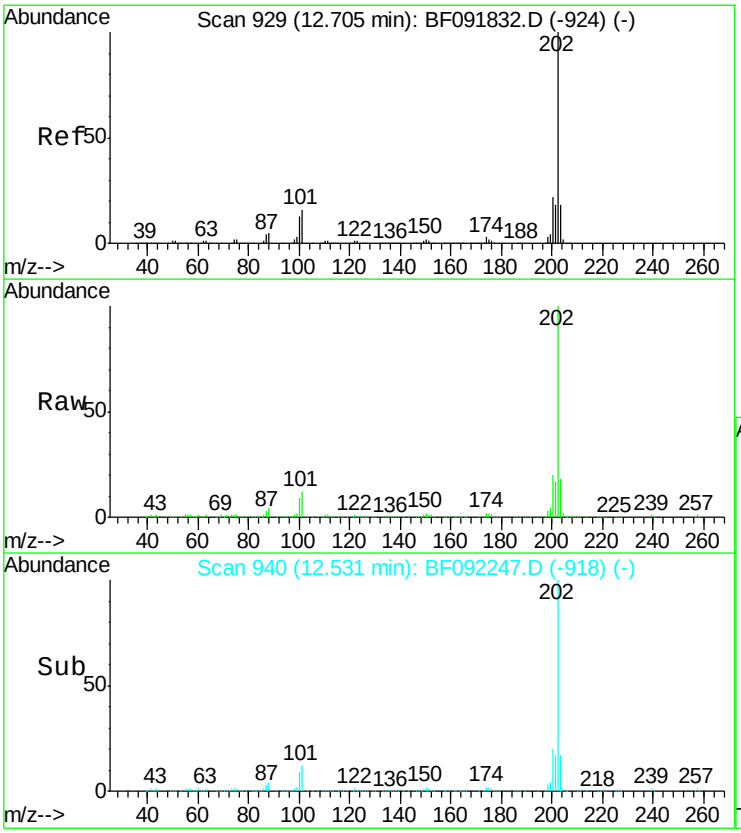
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1045
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:240 Resp: 354868

Ion	Ratio	Lower	Upper
240	100		
120	7.4	12.9	19.3#
236	24.7	20.9	31.3

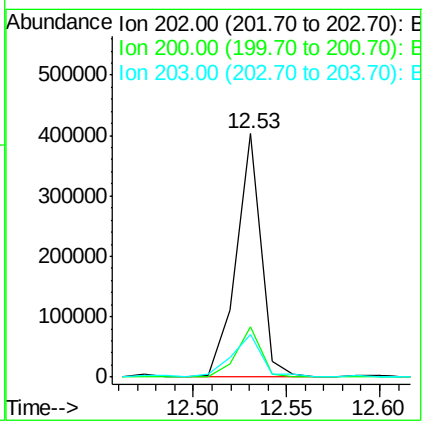


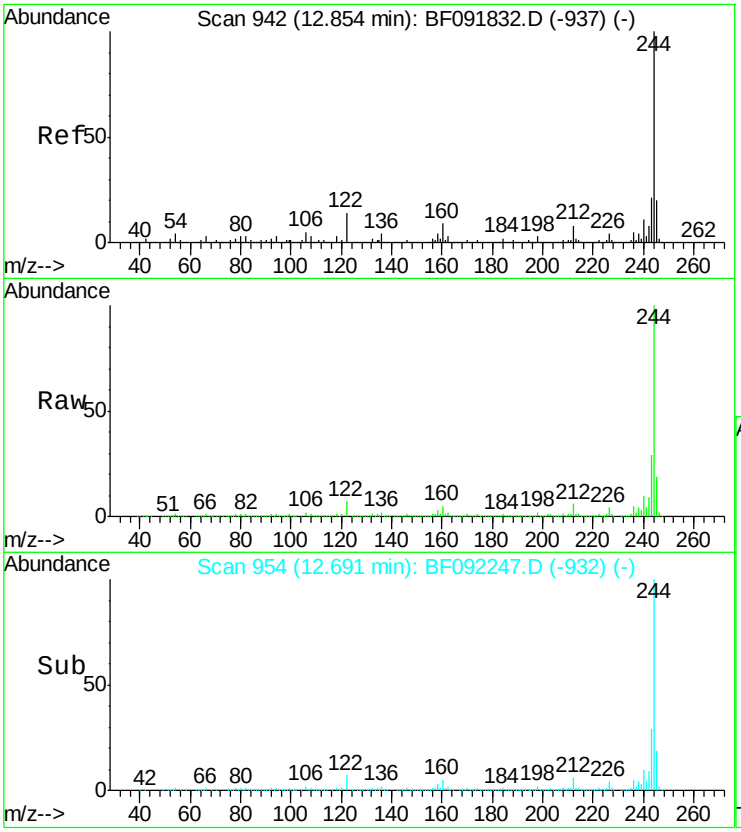


#77
Pyrene
Concen: 14.31 ng
RT: 12.53 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:202 Resp: 372621

Ion	Ratio	Lower	Upper
202	100		
200	20.4	17.7	26.5
203	17.6	14.7	22.1



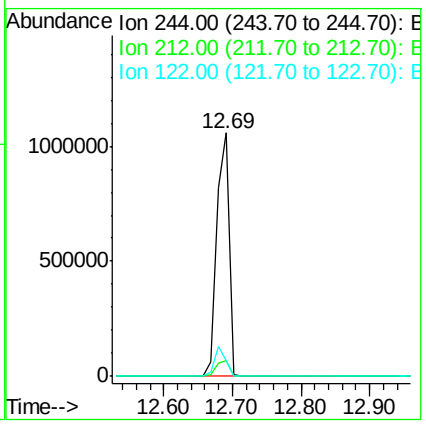


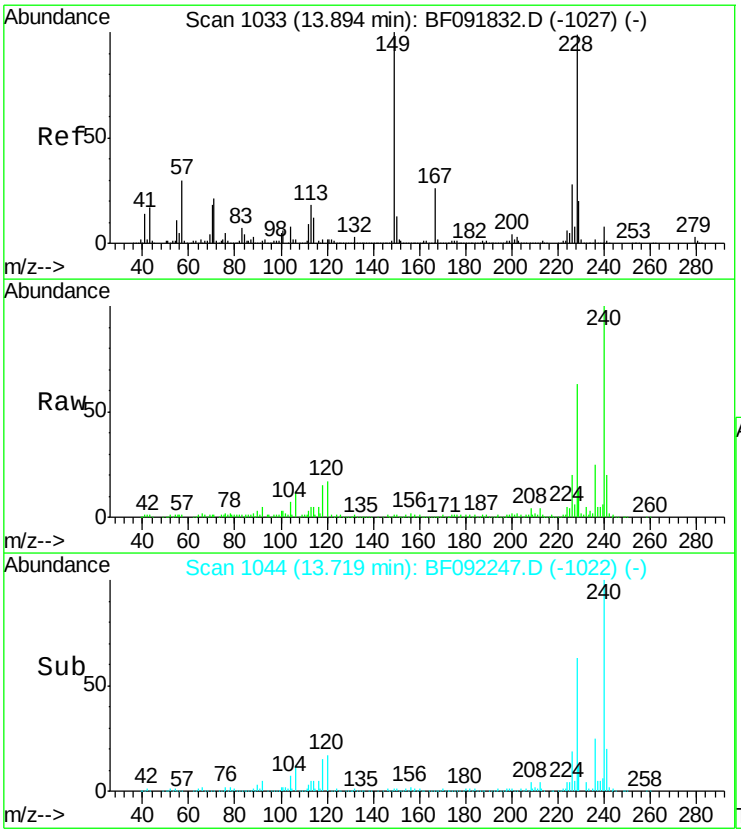
#78
Terphenyl-d14
Concen: 91.79 ng
RT: 12.69 min Scan# 954
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:244 Resp: 1343036

Ion	Ratio	Lower	Upper
244	100		
212	6.3	6.2	9.2
122	6.6	11.4	17.2#

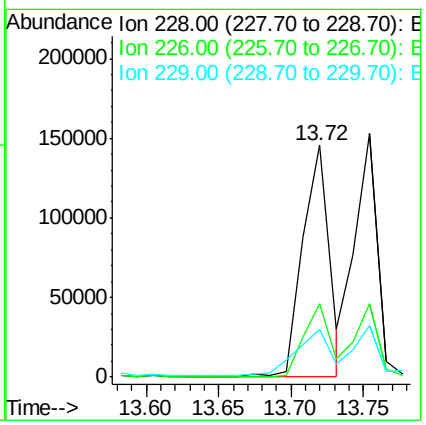


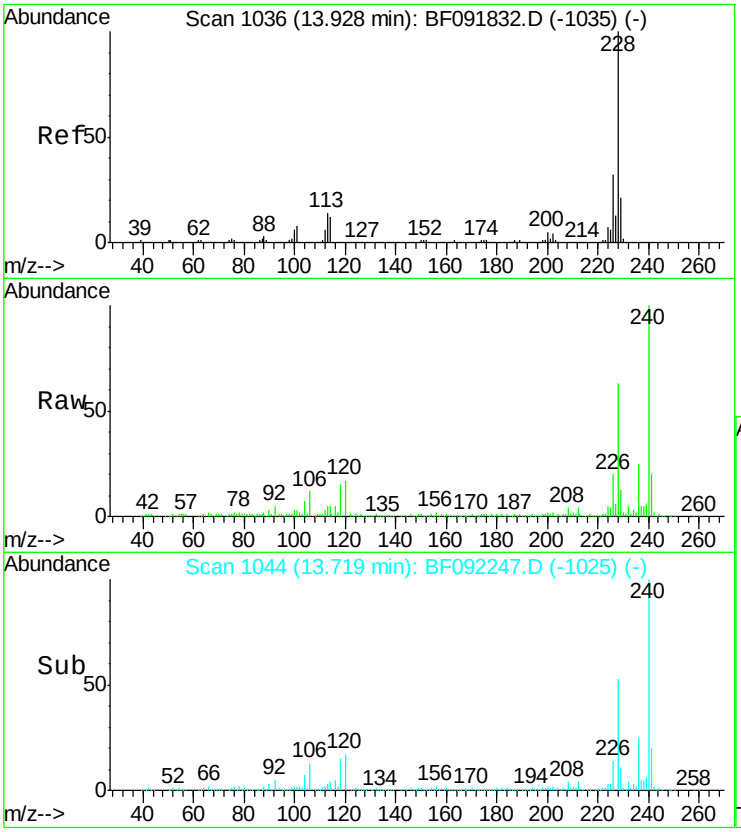


#80
Benzo(a)anthracene
Concen: 9.17 ng
RT: 13.72 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:228 Resp: 183616

Ion	Ratio	Lower	Upper
228	100		
226	31.7	22.4	33.6
229	20.5	16.2	24.4



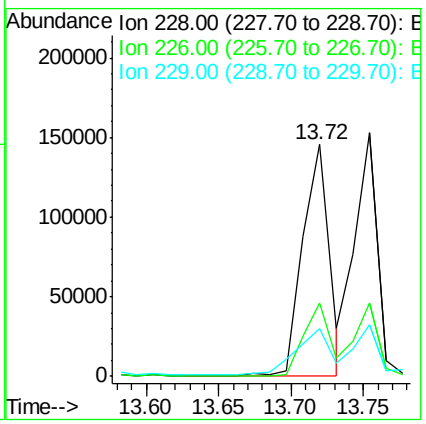


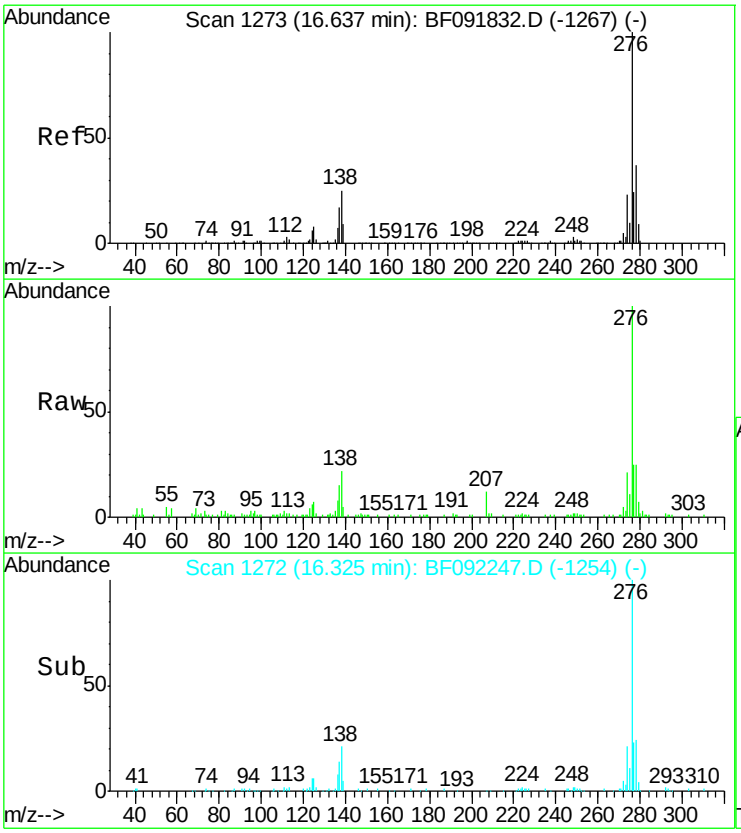
#82
Chrysene
Concen: 9.14 ng
RT: 13.72 min Scan# 1044
Delta R.T. -0.09 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:228 Resp: 183616

Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.4	38.0
229	20.5	16.2	24.2

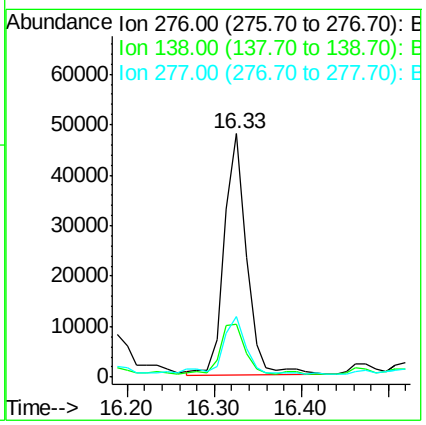


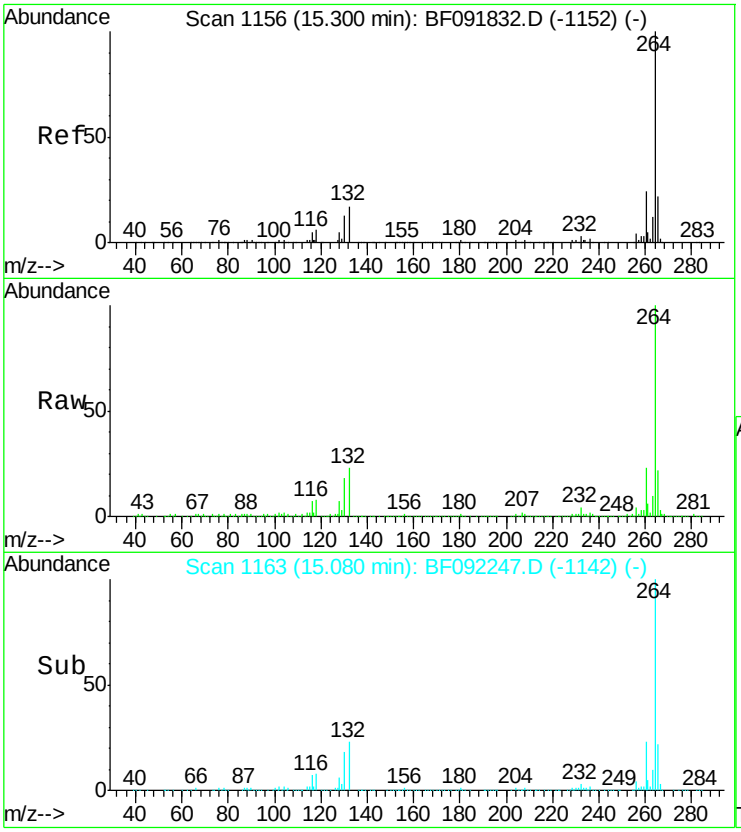


#85
Indeno(1,2,3-cd)pyrene
Concen: 4.89 ng
RT: 16.33 min Scan# 1272
Delta R.T. -0.10 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:276 Resp: 85110

Ion	Ratio	Lower	Upper
276	100		
138	24.7	21.8	32.6
277	26.4	20.2	30.4



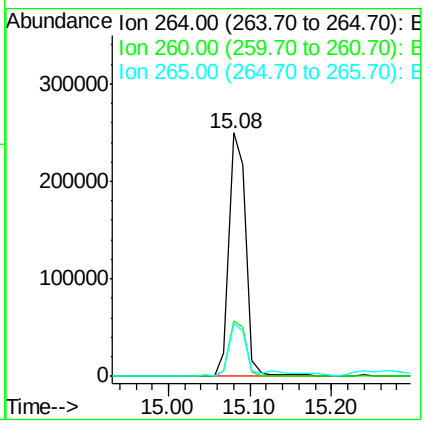


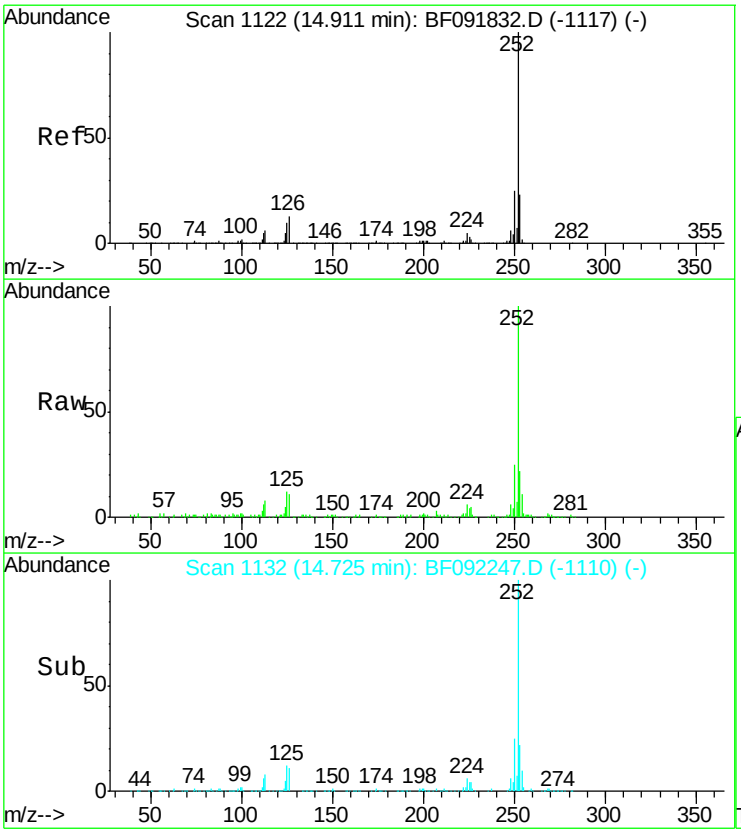
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.08 min Scan# 1163
Delta R.T. -0.07 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:264 Resp: 356902

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.9	17.4	26.0

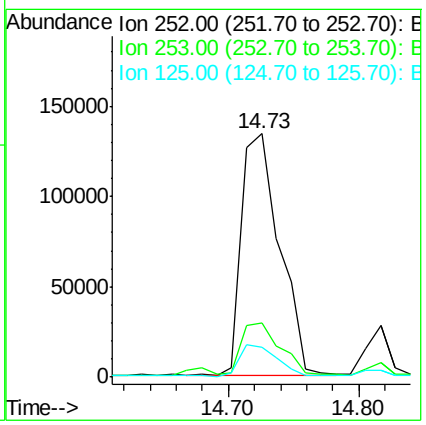


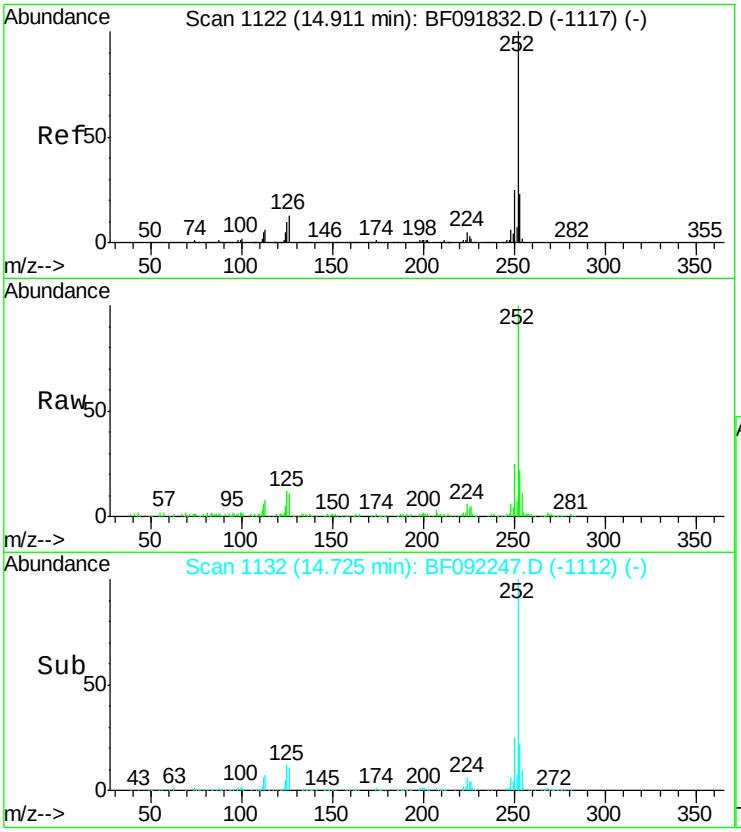


#87
Benzo(b)fluoranthene
Concen: 12.26 ng
RT: 14.73 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:252 Resp: 272324

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.4
125	12.0	9.8	14.6



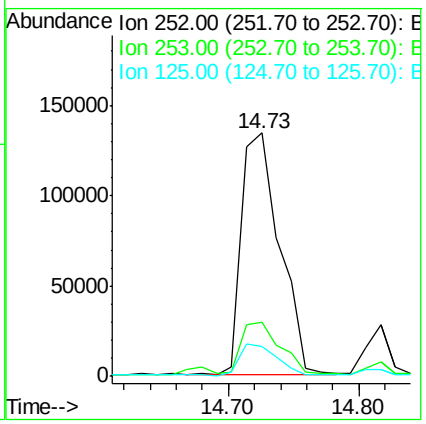


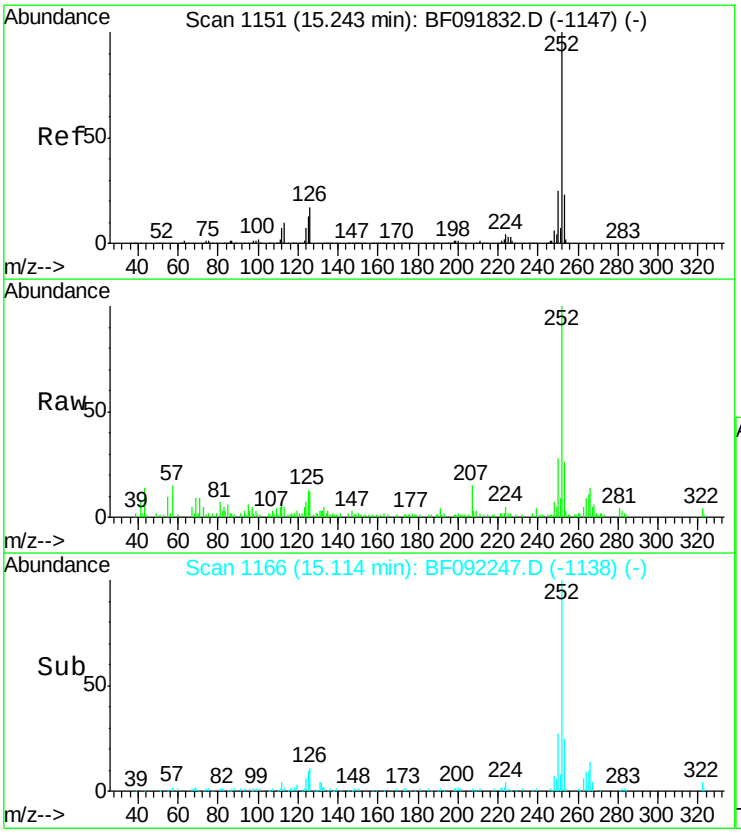
#88
Benzo(k)fluoranthene
Concen: 14.37 ng
RT: 14.73 min Scan# 1132
Delta R.T. -0.08 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:252 Resp: 272324

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.5	27.7
125	12.0	8.9	13.3

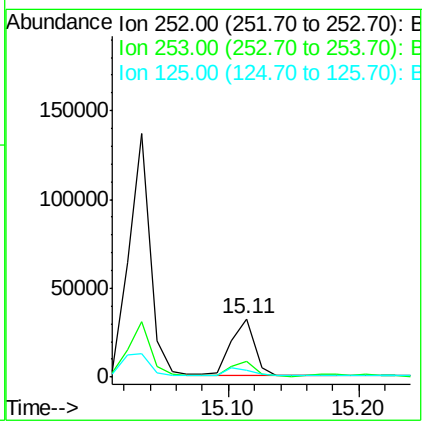


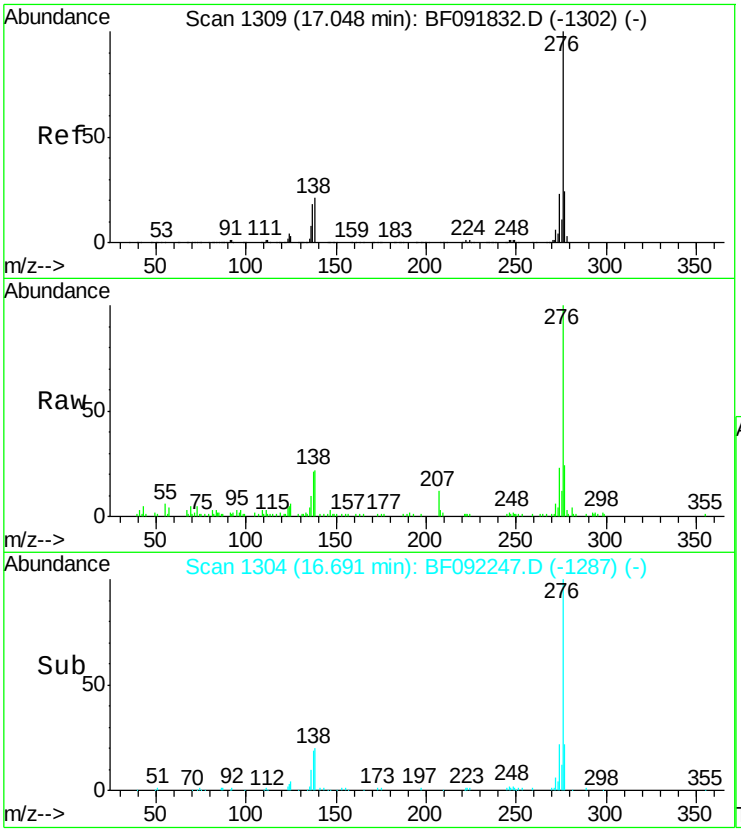


#89
Benzo(a)pyrene
Concen: 2.10 ng
RT: 15.11 min Scan# 1166
Delta R.T. 0.01 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Tgt Ion:252 Resp: 41466

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.2	27.2
125	12.7	10.0	15.0





#91
Benzo(g,h,i)perylene
Concen: 4.71 ng
RT: 16.69 min Scan# 1304
Delta R.T. -0.11 min
Lab File: BF092247.D
Acq: 13 Jan 2017 14:14

Instrument :
BNA_F
ClientSampleId :
P-19-11017

Tgt Ion:276 Resp: 79319

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	21.7	16.0	24.0