Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092131.D
Acq On : 6 Jan 2017 21:50
Operator : UM/SJ
Sample : I1045-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RAP-SP3

Quant Time: Jan 06 23:03:52 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	6.64	152	207845	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	824571	20.00	ng		0.00
38) Acenaphthene-d10	9.68	164	322015	20.00	ng		0.00
63) Phenanthrene-d10	11.16	188	435211	20.00	ng		0.00
75) Chrysene-d12	13.79	240	489896	20.00	ng		0.00
86) Perylene-d12	15.16	264	337695	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	157716	12.67	ng		0.01
7) Phenol-d6	6.32	99	190281	12.52	ng		0.01
23) Nitrobenzene-d5	7.21	82	122964	8.29	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	26397	9.91	ng		0.00
44) 2-Fluorobiphenyl	9.01	172	215579	0.96	ng		0.00
78) Terphenyl-d14	12.75	244	165028	8.17	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.32	77	218	Below Cal		#	1
50) 2,6-Dinitrotoluene	9.68	165	41997	9.32	ng	#	30
56) 2,4-Dinitrotoluene	9.68	165	41997	7.42	ng	#	19
70) Phenanthrene	11.18	178	87667	3.71	ng		96
73) Di-n-butylphthalate	11.73	149	2539	Below Cal		#	67
76) Benzidine	12.52	184	353	Below Cal		#	1
77) Pyrene	12.59	202	100832	2.81	ng		97
80) Benzo(a)anthracene	13.81	228	111543	4.03	ng	#	84
82) Chrysene	13.81	228	111543	4.02	ng	#	89
87) Benzo(b)fluoranthene	14.79	252	60215	2.86	ng	#	35
88) Benzo(k)fluoranthene	14.79	252	60215	3.36	ng	#	36

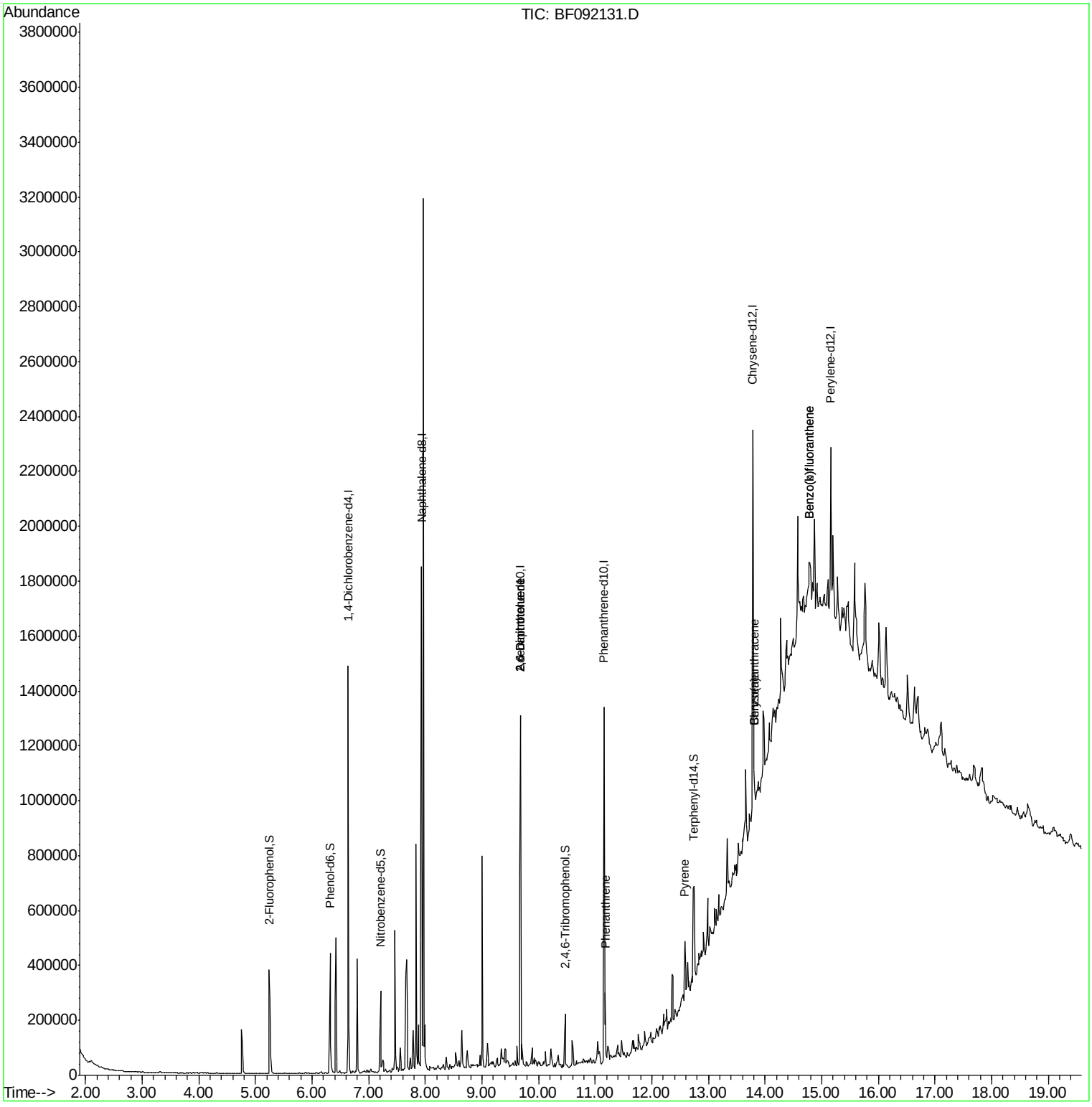
(#) = qualifier out of range (m) = manual integration (+) = signals summed

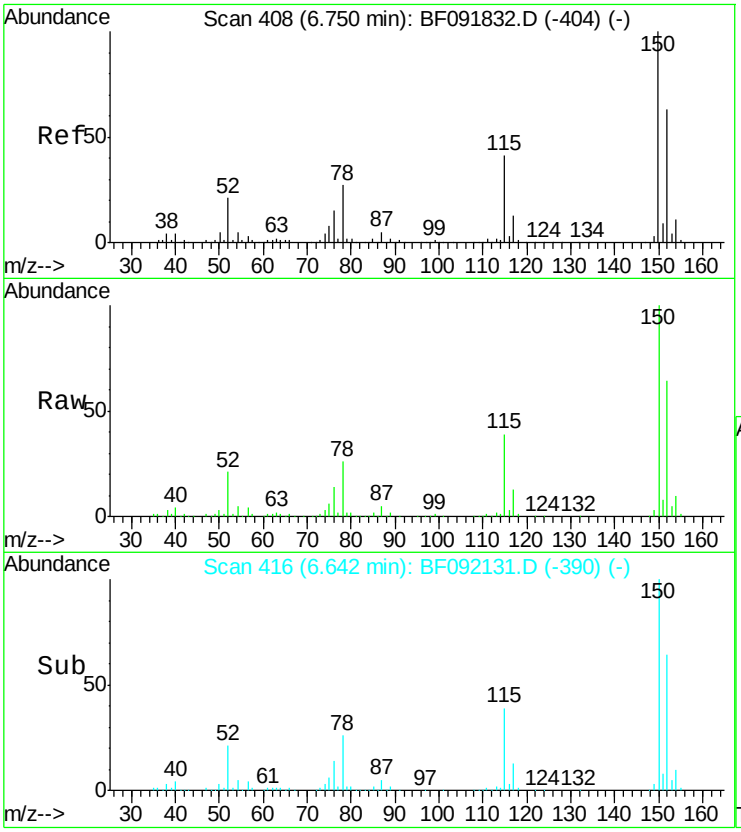
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010617\
Data File : BF092131.D
Acq On : 6 Jan 2017 21:50
Operator : UM/SJ
Sample : I1045-05 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Quant Time: Jan 06 23:03:52 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



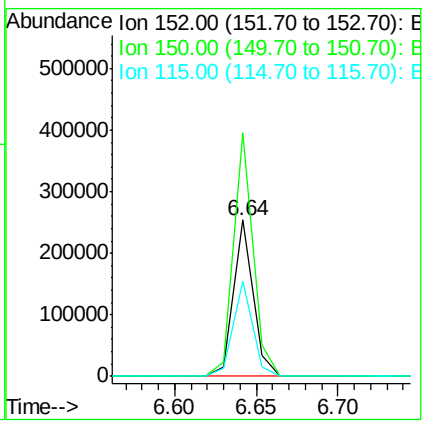


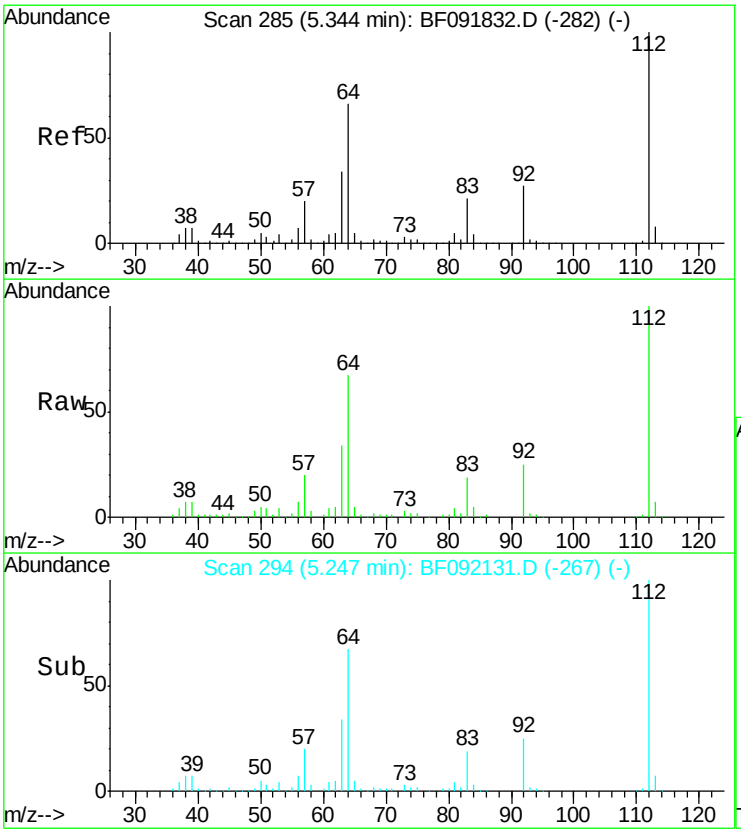
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 416
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tgt Ion:152 Resp: 207845

Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.9	187.3
115	61.0	46.0	69.0

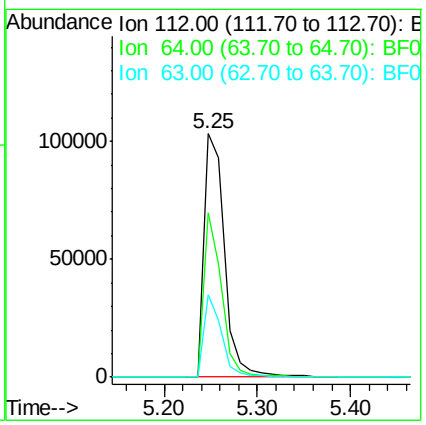


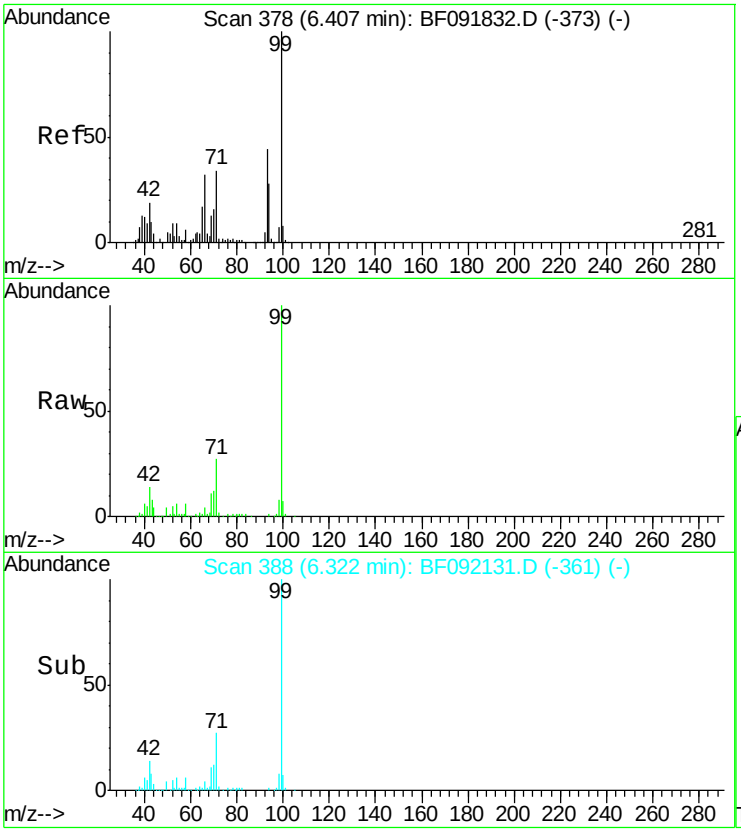


#5
2-Fluorophenol
Concen: 12.67 ng
RT: 5.25 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion:112 Resp: 157716

Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.1	69.1
63	34.0	23.8	35.6



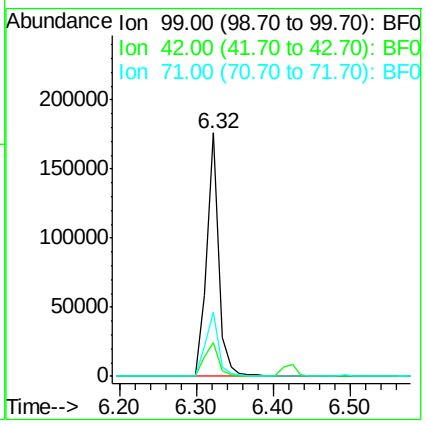


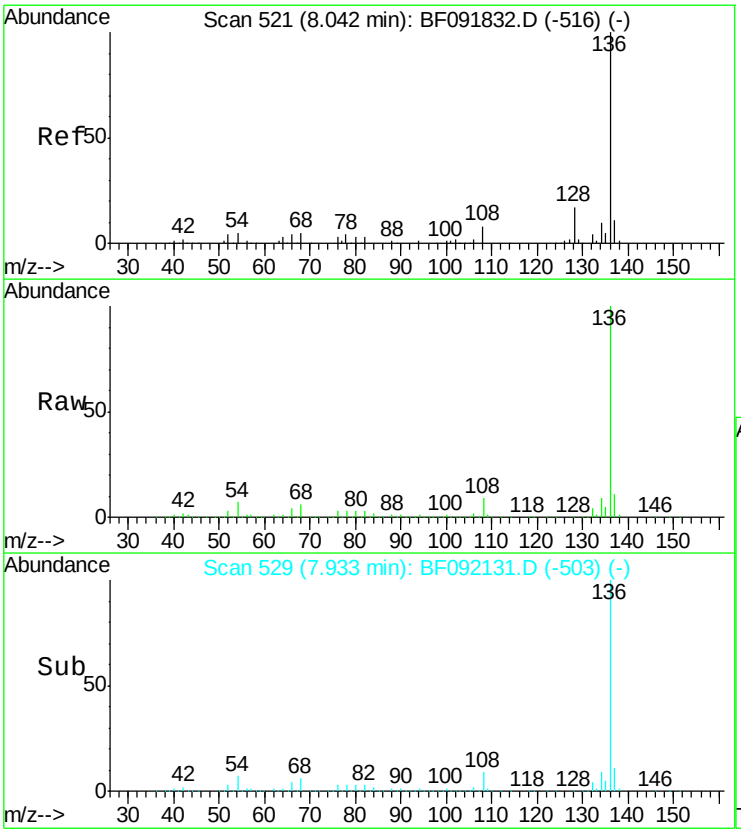
#7
Phenol-d6
Concen: 12.52 ng
RT: 6.32 min Scan# 388
Delta R.T. 0.01 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tgt Ion: 99 Resp: 190281

Ion	Ratio	Lower	Upper
99	100		
42	13.9	15.6	23.4#
71	26.6	27.5	41.3#

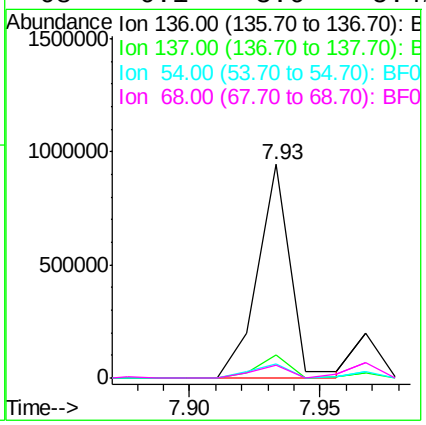


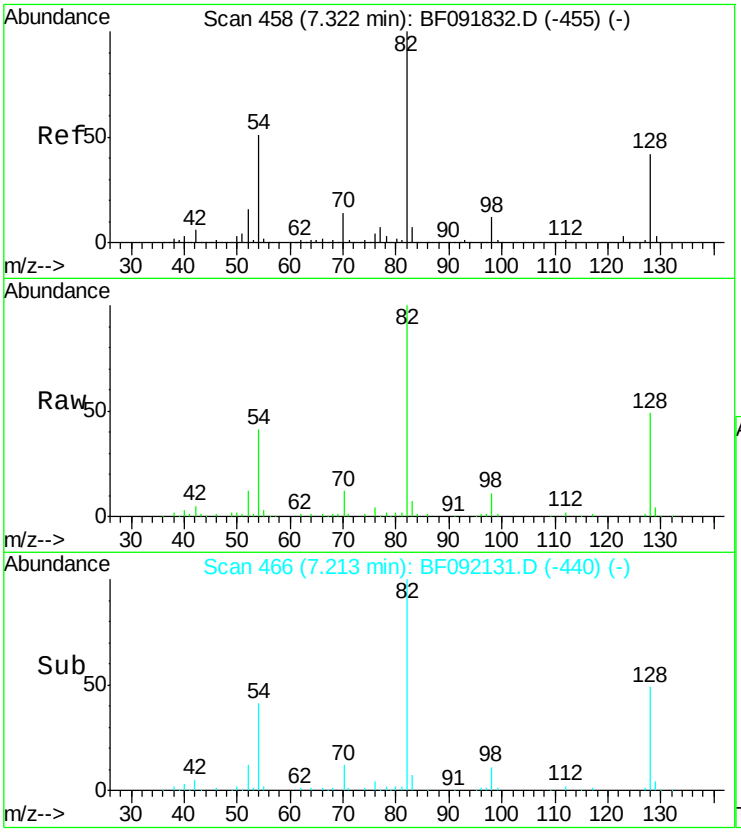


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion:136 Resp: 824571

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	6.6	4.5	6.7
68	6.1	3.6	5.4#



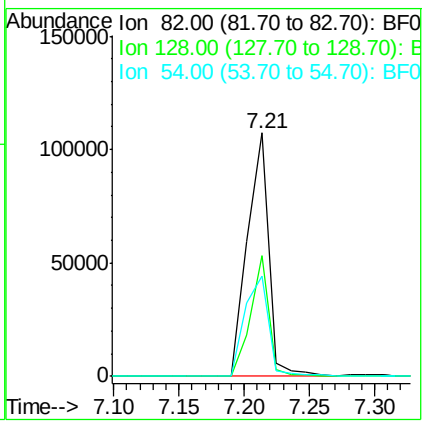


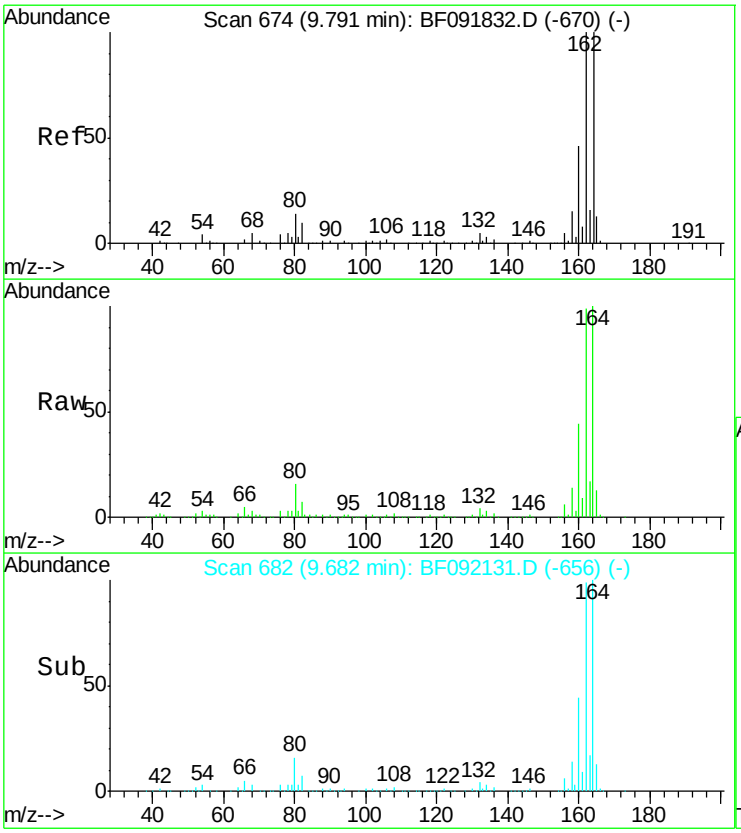
#23
Nitrobenzene-d5
Concen: 8.29 ng
RT: 7.21 min Scan# 466
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tgt Ion: 82 Resp: 122964

Ion	Ratio	Lower	Upper
82	100		
128	49.4	34.6	52.0
54	41.2	39.5	59.3

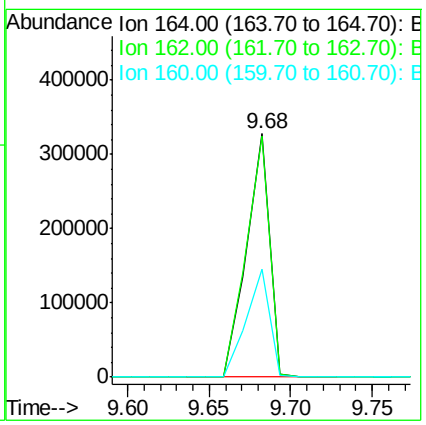


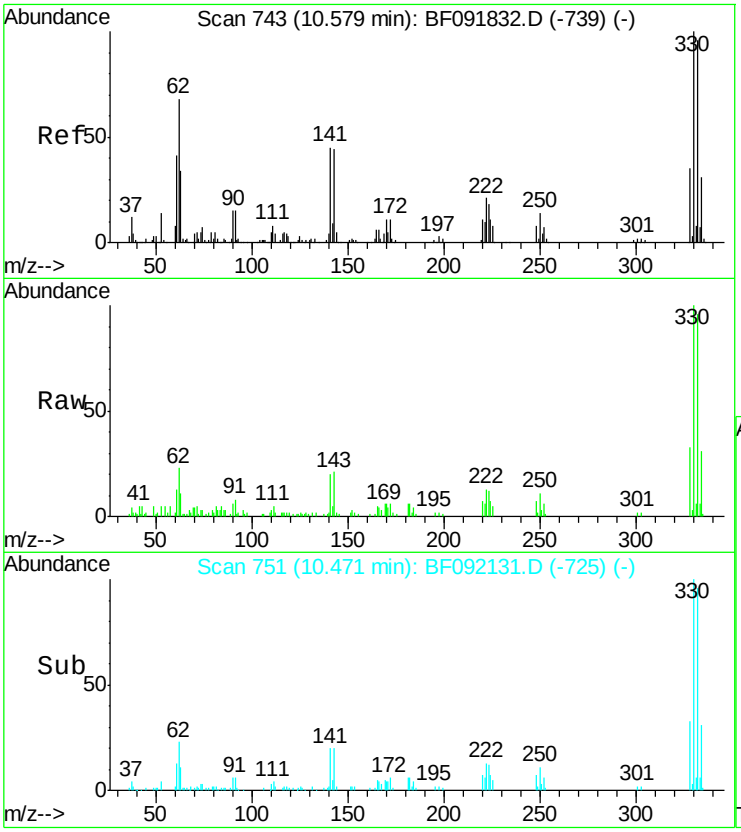


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion:164 Resp: 322015

Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.2
160	44.5	36.9	55.3



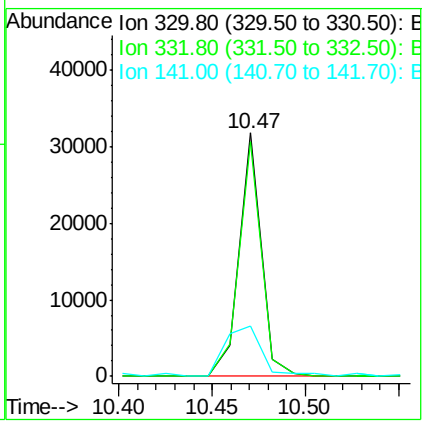


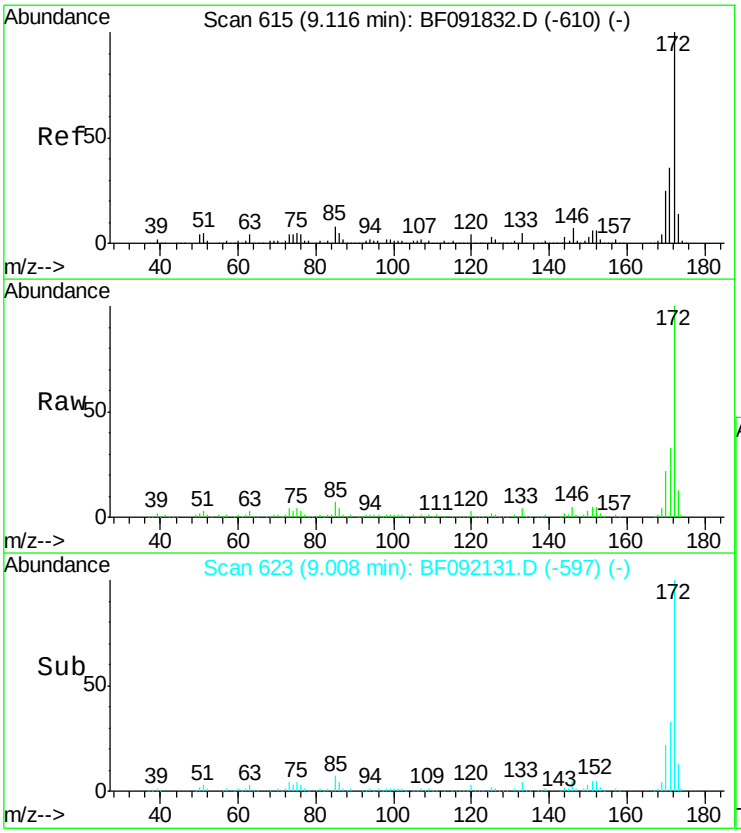
#41
2,4,6-Tribromophenol
Concen: 9.91 ng
RT: 10.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tgt Ion:330 Resp: 26397

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	34.6	34.1	51.1

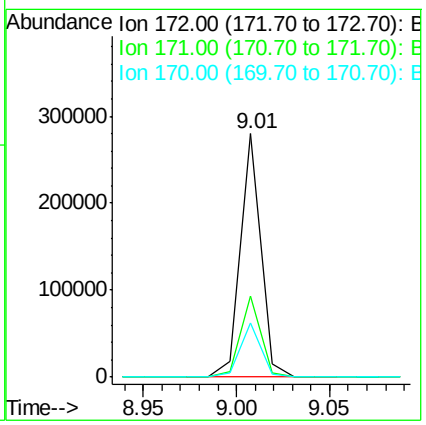


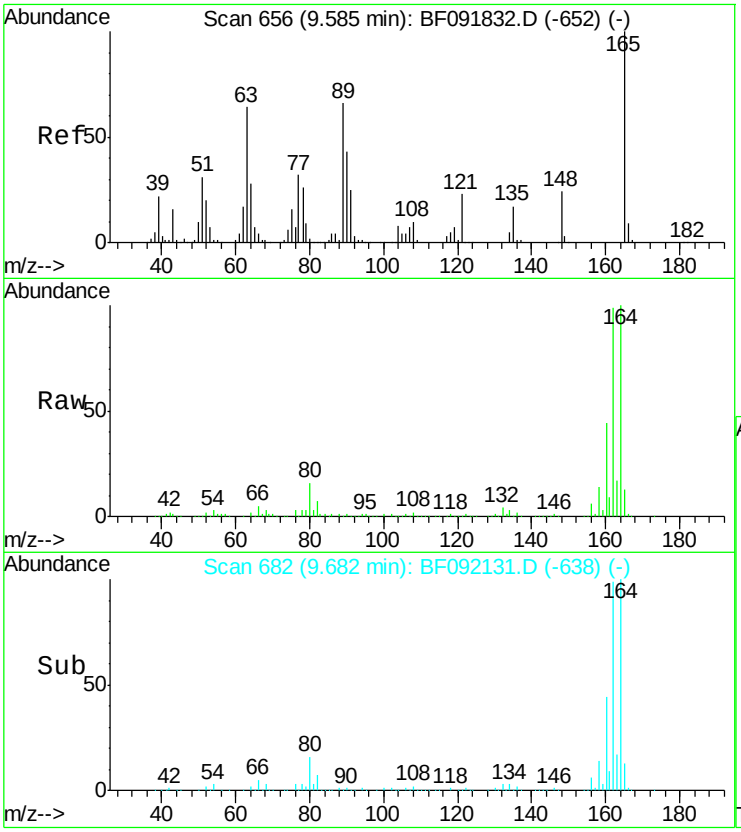


#44
2-Fluorobiphenyl
Concen: 0.96 ng
RT: 9.01 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion:172 Resp: 215579

Ion	Ratio	Lower	Upper
172	100		
171	33.3	29.4	44.0
170	22.4	20.2	30.4



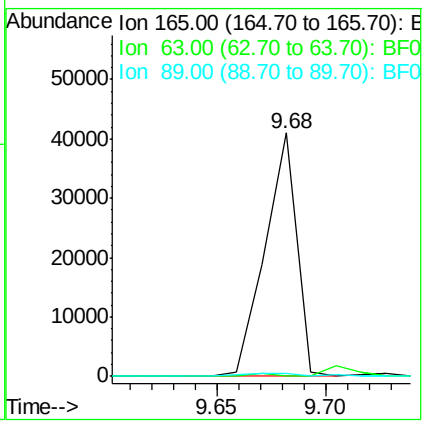


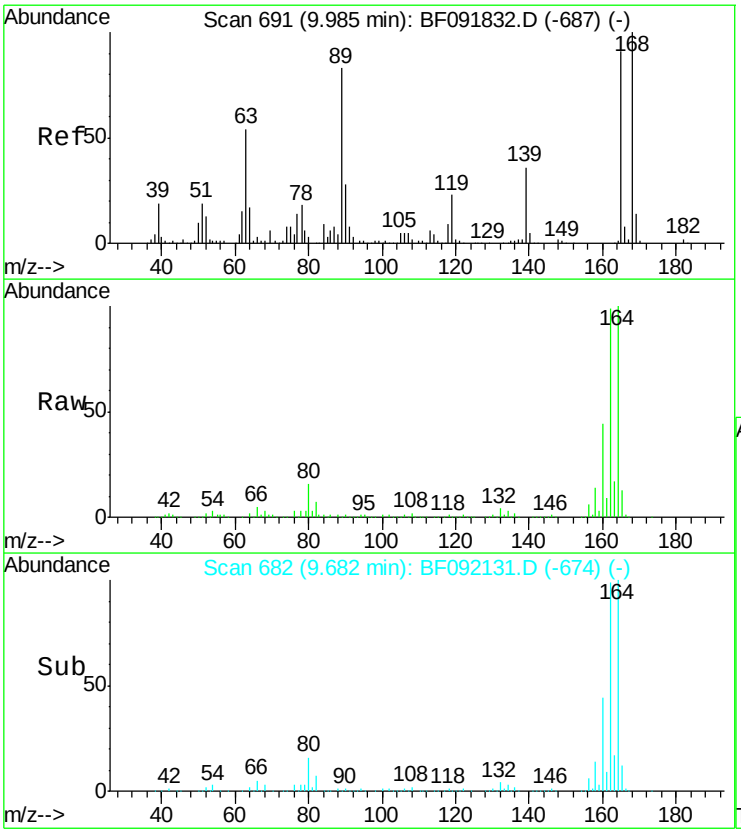
#50
2,6-Dinitrotoluene
Concen: 9.32 ng
RT: 9.68 min Scan# 682
Delta R.T. 0.21 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tgt Ion:165 Resp: 41997

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	1.2	40.2	60.4#

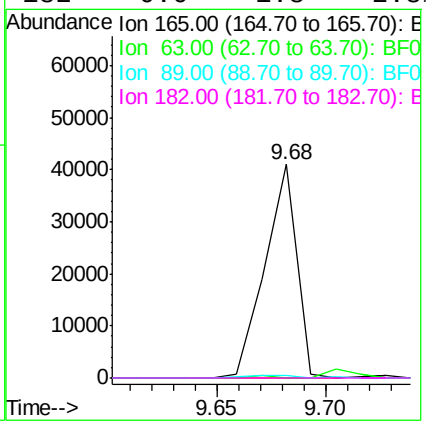


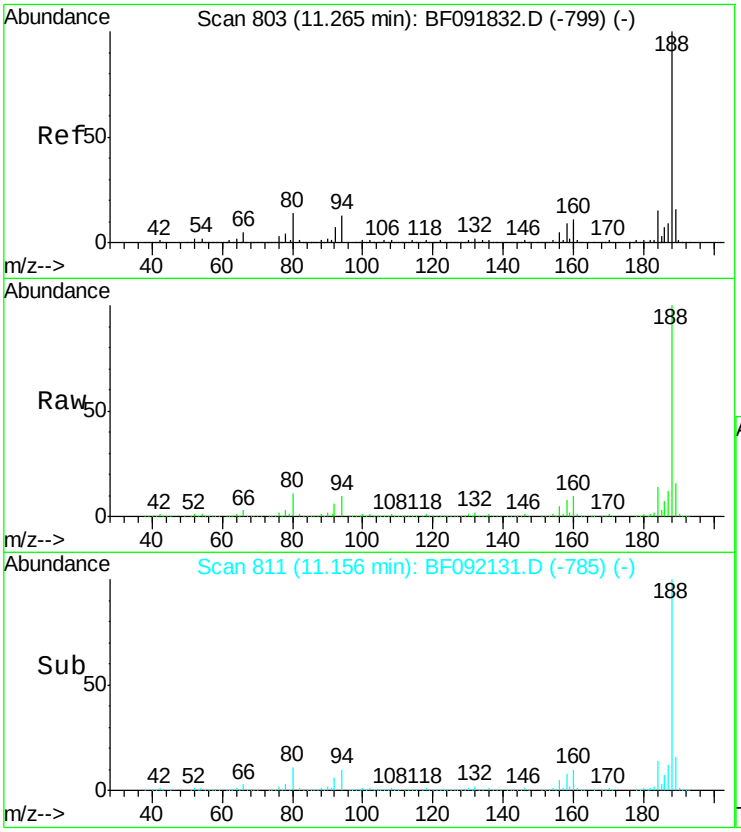


#56
2,4-Dinitrotoluene
Concen: 7.42 ng
RT: 9.68 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion:165 Resp: 41997

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



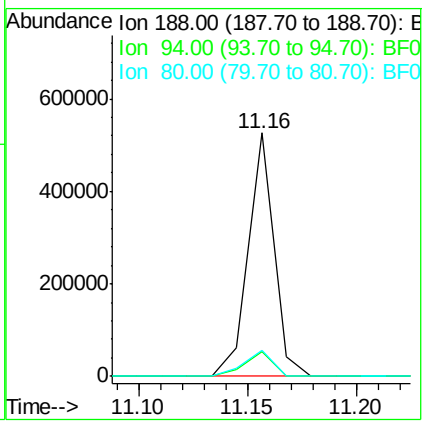


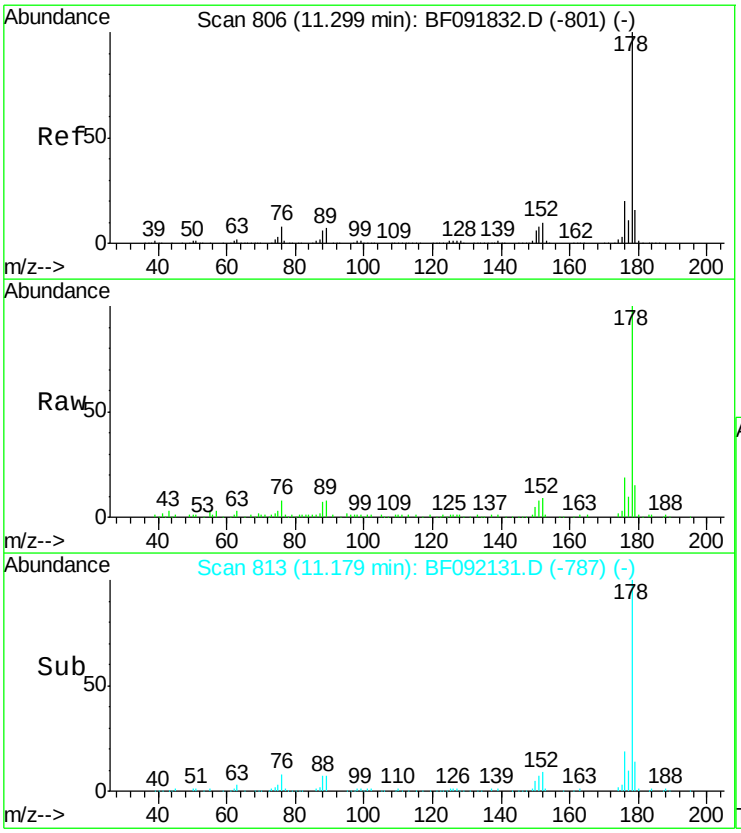
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tgt Ion:188 Resp: 435211

Ion	Ratio	Lower	Upper
188	100		
94	10.2	10.0	15.0
80	10.7	11.2	16.8#

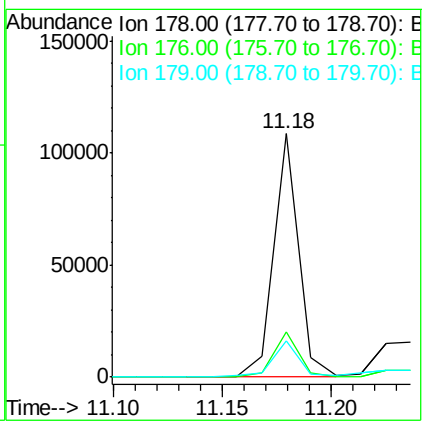


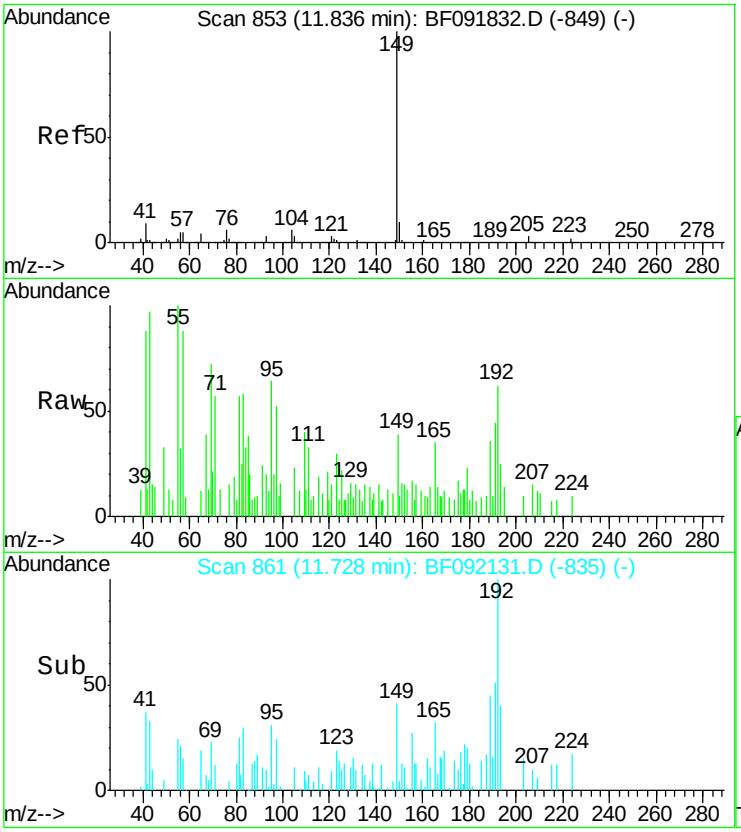


#70
Phenanthrene
Concen: 3.71 ng
RT: 11.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion:178 Resp: 87667

Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.6	25.0
179	14.8	12.8	19.2



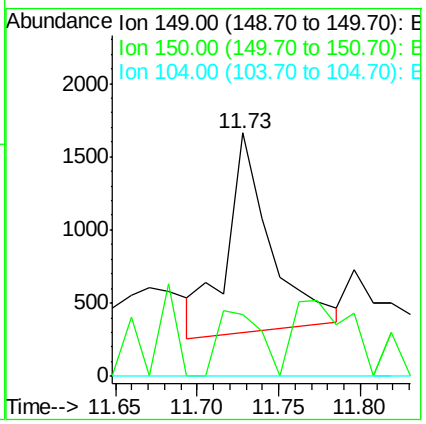


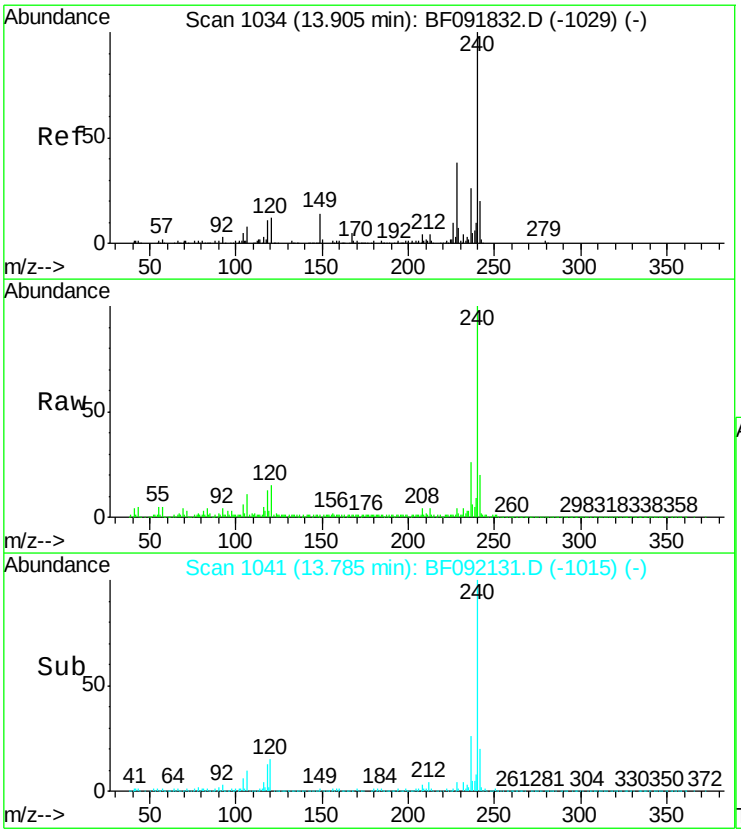
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.73 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tgt Ion:149 Resp: 2539

Ion	Ratio	Lower	Upper
149	100		
150	25.5	8.1	12.1#
104	0.0	4.6	7.0#

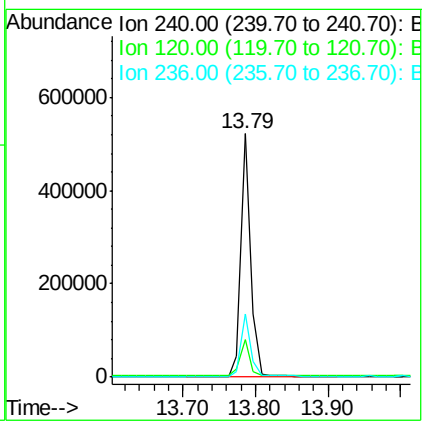


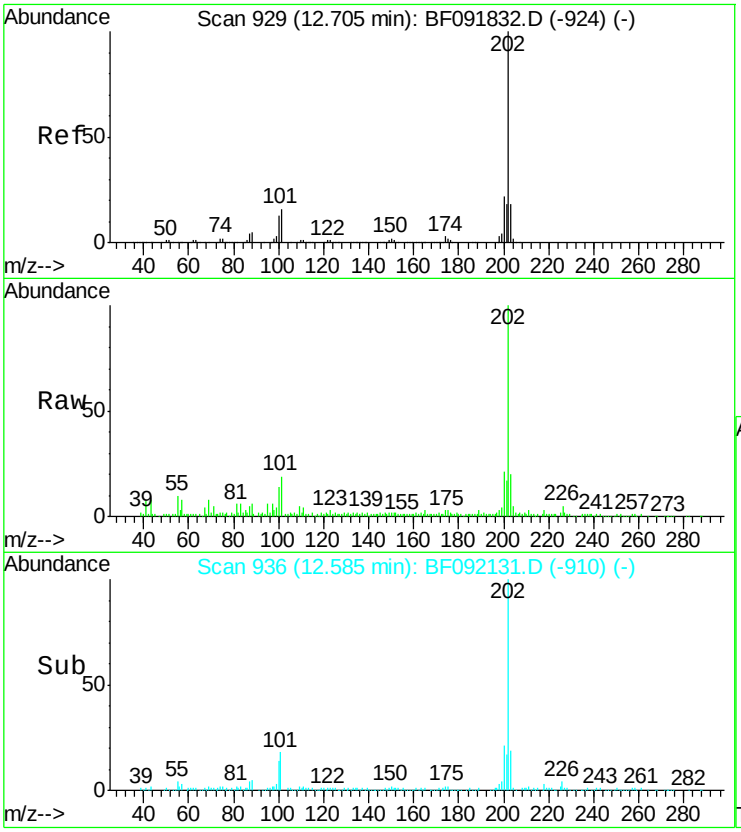


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.79 min Scan# 1041
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion:240 Resp: 489896

Ion	Ratio	Lower	Upper
240	100		
120	15.2	12.9	19.3
236	26.1	20.9	31.3



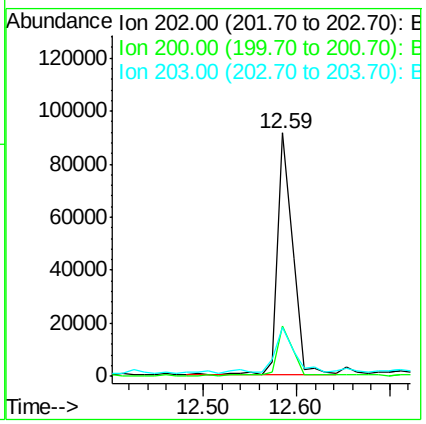


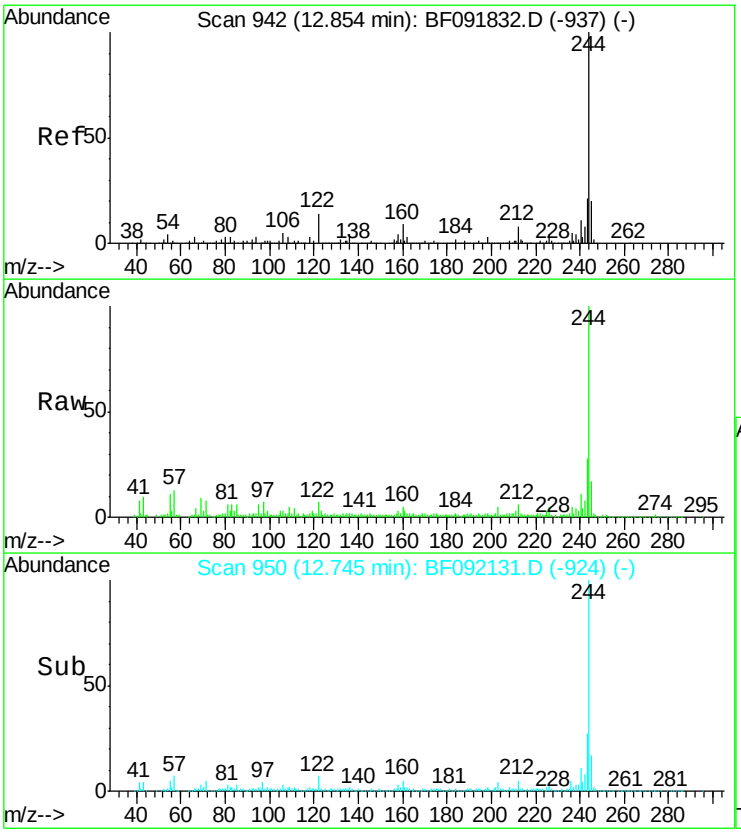
#77
Pyrene
Concen: 2.81 ng
RT: 12.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tgt Ion:202 Resp: 100832

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.7	26.5
203	20.3	14.7	22.1

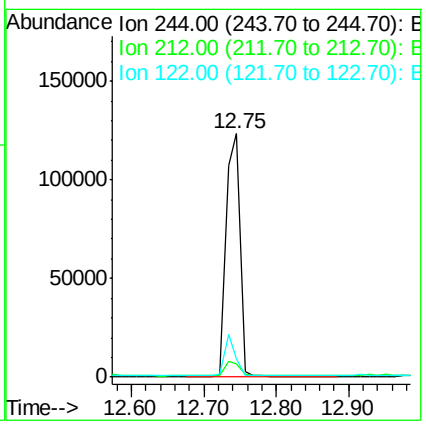


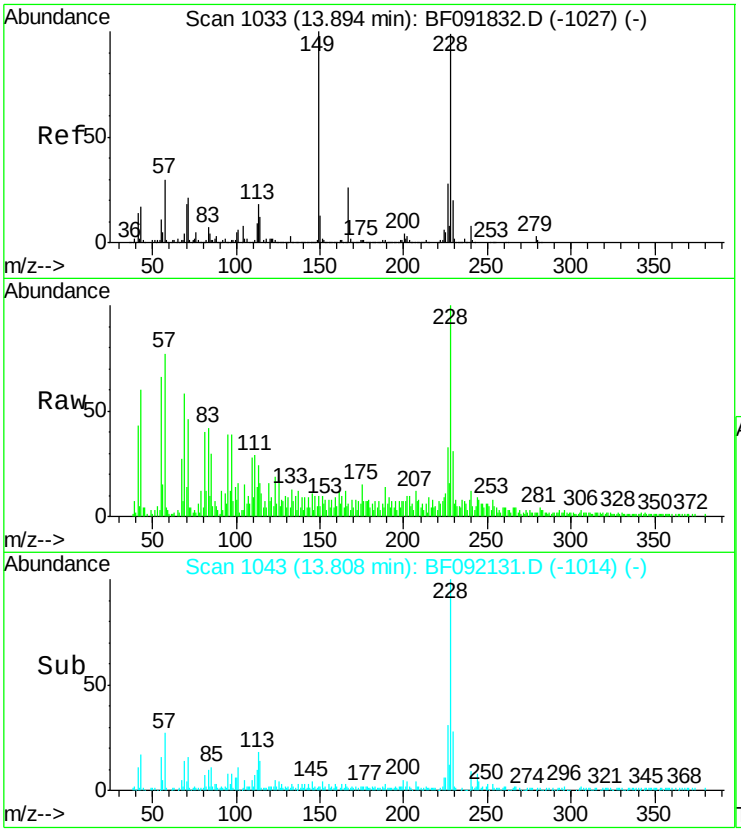


#78
Terphenyl-d14
Concen: 8.17 ng
RT: 12.75 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion:244 Resp: 165028

Ion	Ratio	Lower	Upper
244	100		
212	5.5	6.2	9.2#
122	7.3	11.4	17.2#



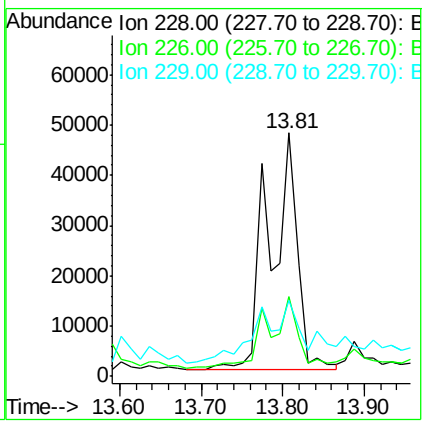


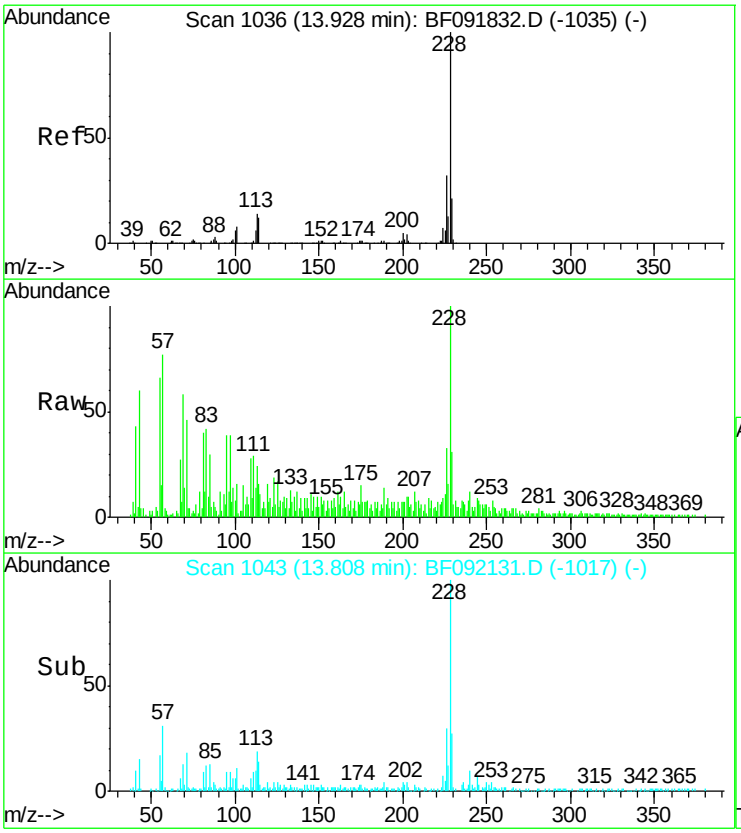
#80
Benzo(a)anthracene
Concen: 4.03 ng
RT: 13.81 min Scan# 1043
Delta R.T. 0.03 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tgt Ion:228 Resp: 111543

Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.4	33.6
229	31.4	16.2	24.4#

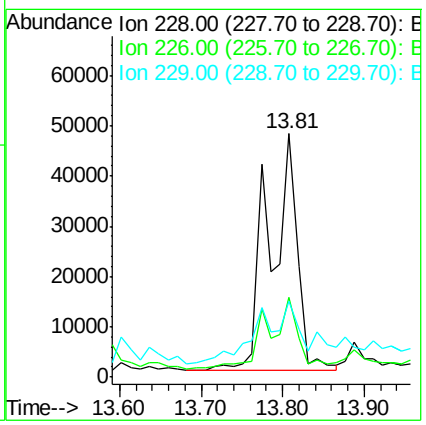


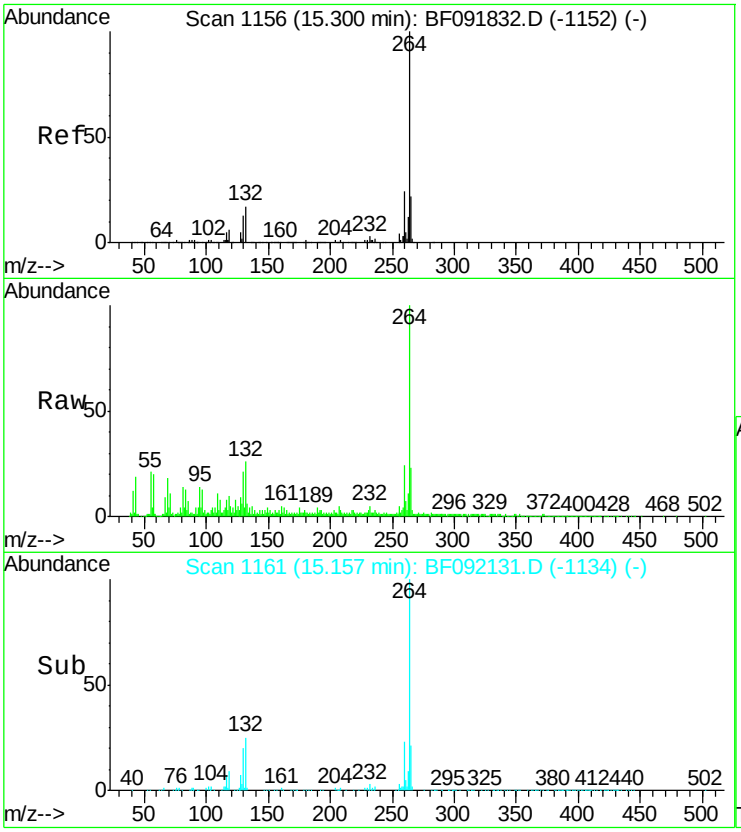


#82
Chrysene
Concen: 4.02 ng
RT: 13.81 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion:228 Resp: 111543

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.4	38.0
229	31.4	16.2	24.2#



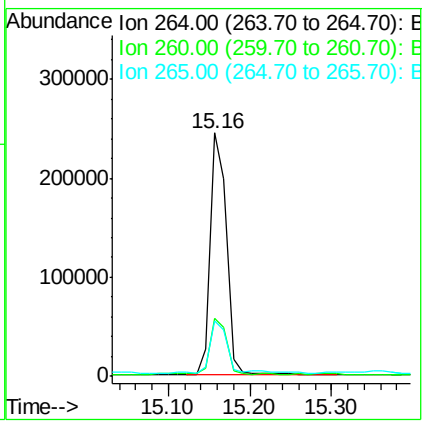


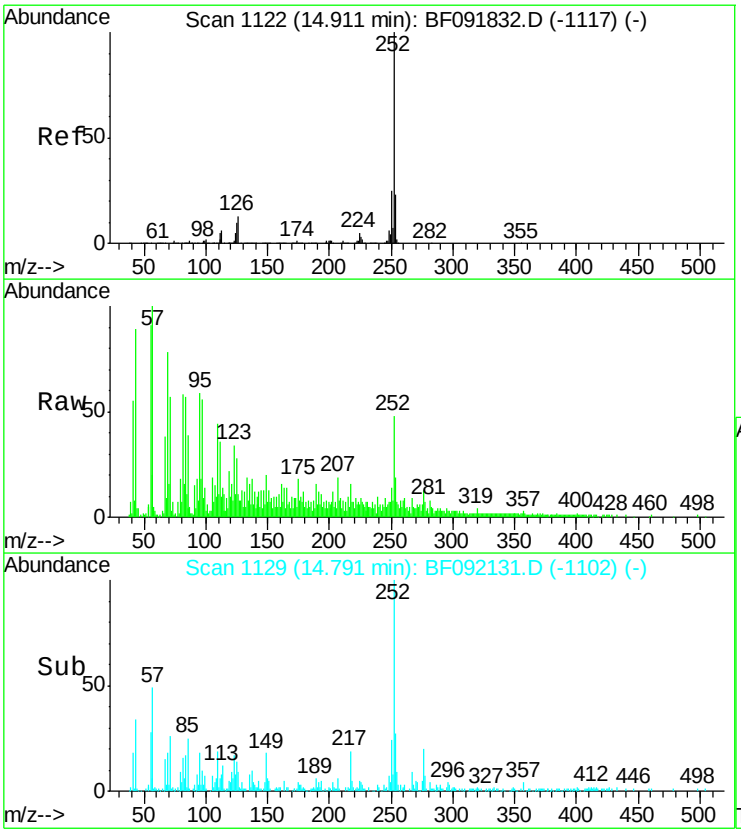
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.16 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tgt Ion:264 Resp: 337695

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.6	17.4	26.0

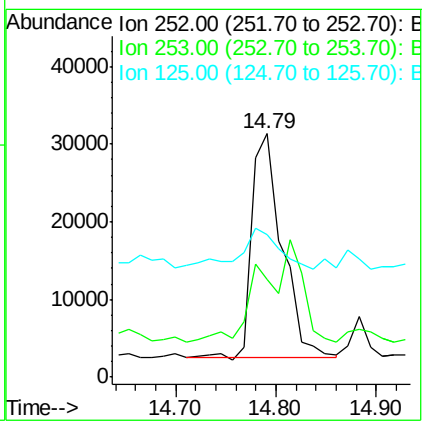


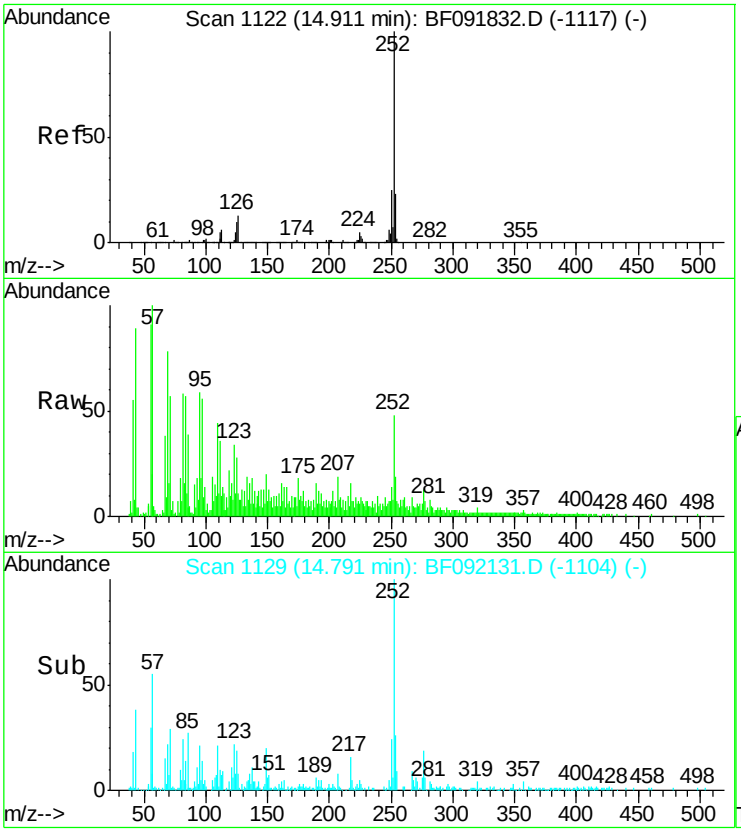


#87
Benzo(b)fluoranthene
Concen: 2.86 ng
RT: 14.79 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Tgt Ion:252 Resp: 60215

Ion	Ratio	Lower	Upper
252	100		
253	40.0	18.2	27.4#
125	58.6	9.8	14.6#





#88
Benzo(k)fluoranthene
Concen: 3.36 ng
RT: 14.79 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF092131.D
Acq: 6 Jan 2017 21:50

Instrument :
BNA_F
ClientSampleId :
RAP-SP3

Tgt Ion:252 Resp: 60215

Ion	Ratio	Lower	Upper
252	100		
253	40.0	18.5	27.7#
125	58.6	8.9	13.3#