Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092504.D
Acq On : 26 Jan 2017 3:55
Operator : SJ/MA
Sample : I1346-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Jan 26 10:01:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	171285	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	670249	20.00	ng		-0.01
38) Acenaphthene-d10	10.02	164	336707	20.00	ng		-0.01
63) Phenanthrene-d10	11.50	188	589639	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	494598	20.00	ng		-0.02
86) Perylene-d12	15.62	264	378275	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	1204928	109.45	ng		0.01
7) Phenol-d6	6.59	99	1519669	108.37	ng		0.00
23) Nitrobenzene-d5	7.53	82	951185	77.52	ng		-0.01
41) 2,4,6-Tribromophenol	10.81	330	314802	137.20	ng		-0.01
44) 2-Fluorobiphenyl	9.34	172	1366897	75.07	ng		-0.01
78) Terphenyl-d14	13.09	244	1278066	68.81	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.60	94	117447	6.94	ng	#	67
25) Isophorone	7.53	82	807403	33.39	ng	#	65
32) Benzoic acid	8.05	122	3644	5.09	ng	#	16
35) Caprolactam	8.69	113	31162	9.61	ng	#	1
49) Dimethylphthalate	9.73	163	118256	5.52	ng	#	90
50) 2,6-Dinitrotoluene	9.80	165	10001	2.29	ng	#	38
64) 4,6-Dinitro-2-methylphenol	10.81	198	617	5.12	ng	#	1
74) Fluoranthene	12.72	202	163541	5.15	ng		99
77) Pyrene	12.95	202	144653	4.04	ng		98
80) Benzo(a)anthracene	14.13	228	61780	2.32	ng		99
82) Chrysene	14.13	228	61780	2.18	ng		95
87) Benzo(b)fluoranthene	15.19	252	61771	2.54	ng	#	97
88) Benzo(k)fluoranthene	15.19	252	61771	3.06	ng	#	96
91) Benzo(g,h,i)perylene	17.54	276	53826	3.20	ng	#	90

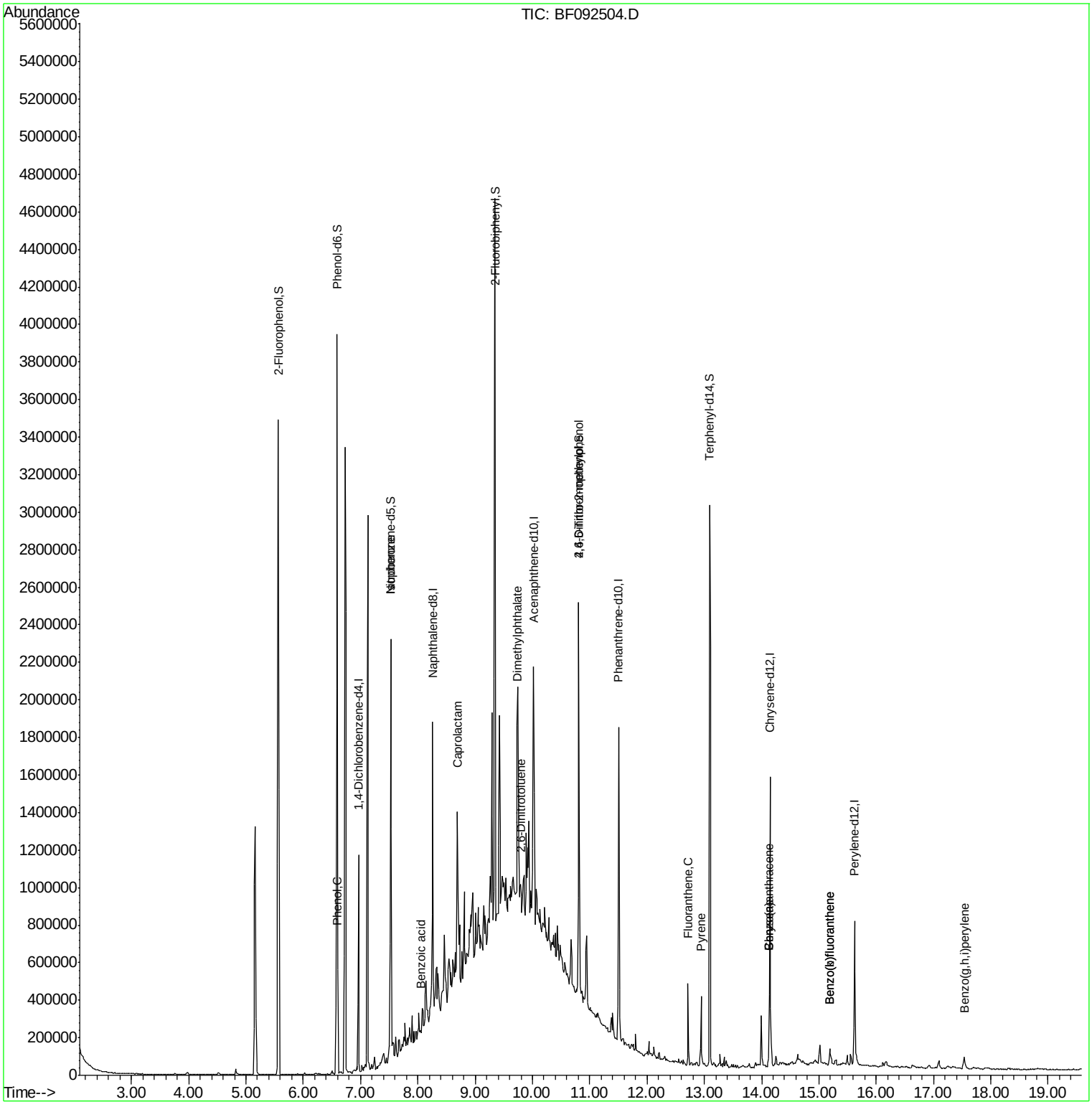
(#) = qualifier out of range (m) = manual integration (+) = signals summed

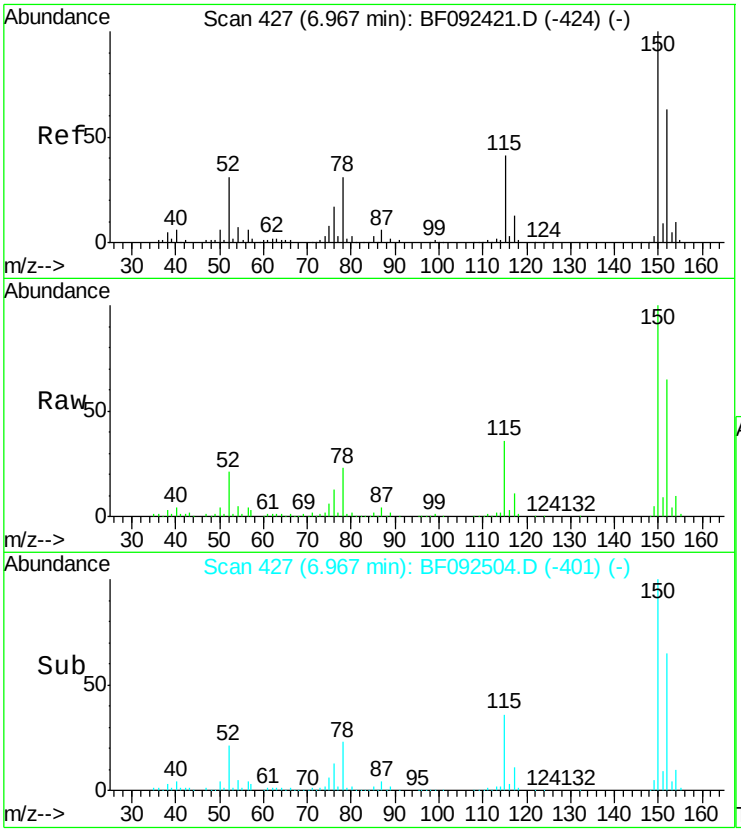
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092504.D
Acq On : 26 Jan 2017 3:55
Operator : SJ/MA
Sample : I1346-02
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 26 10:01:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

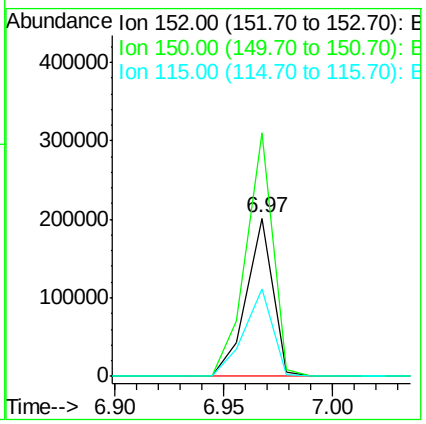




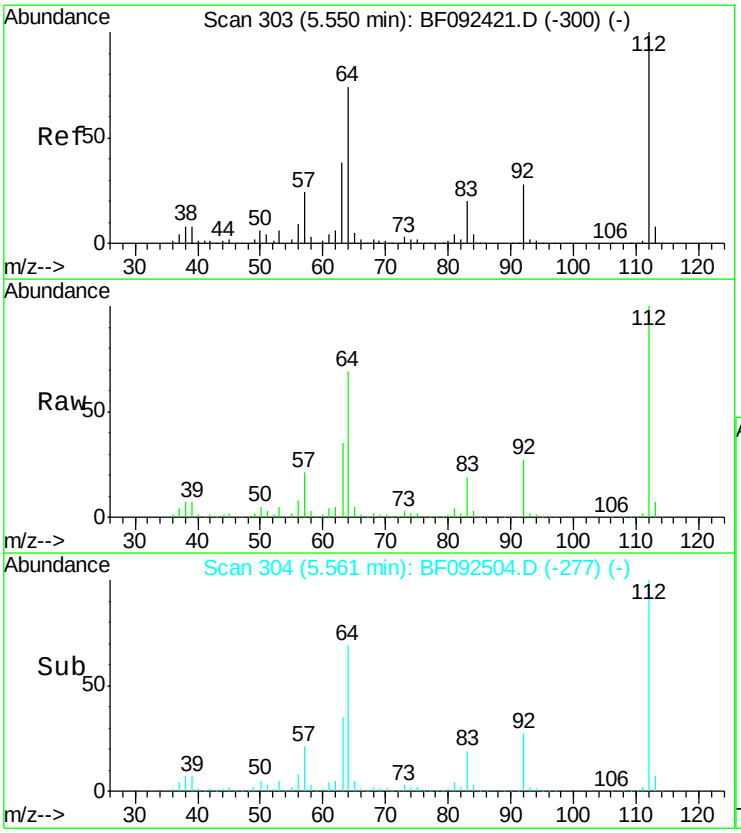
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:152 Resp: 171285

Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.9	187.3
115	55.3	46.0	69.0



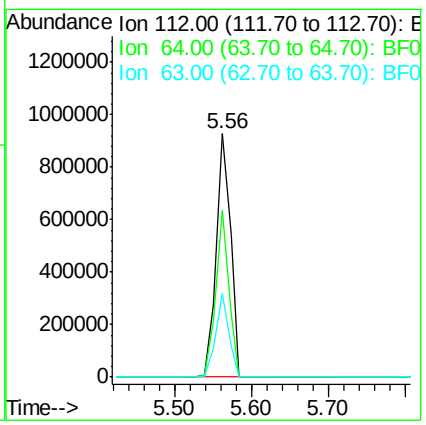
Instrument :
BNA_F
ClientSampleId :

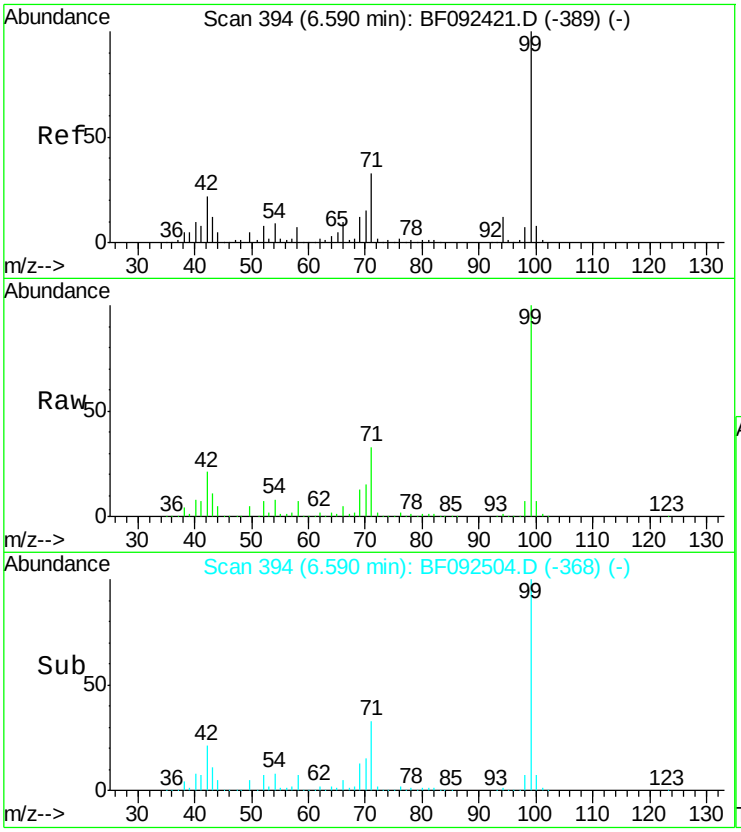


#5
2-Fluorophenol
Concen: 109.45 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:112 Resp: 1204928

Ion	Ratio	Lower	Upper
112	100		
64	68.8	46.1	69.1
63	34.5	23.8	35.6



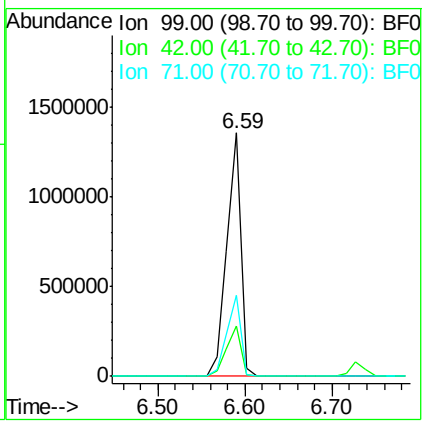


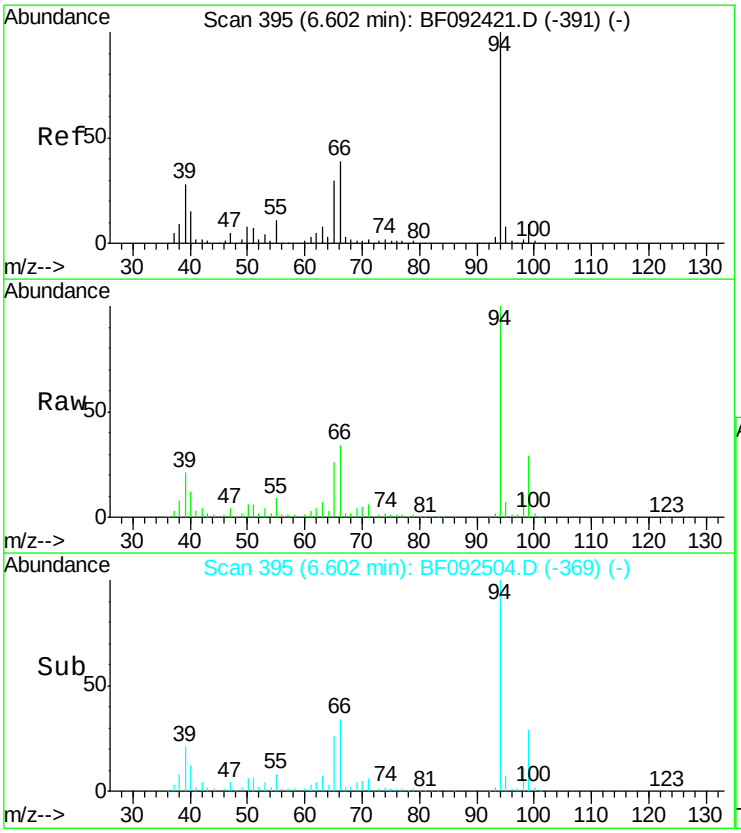
#7
Phenol-d6
Concen: 108.37 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1519669

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.6	23.4
71	33.3	27.5	41.3

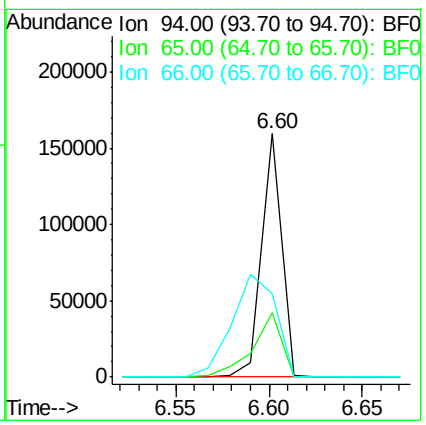


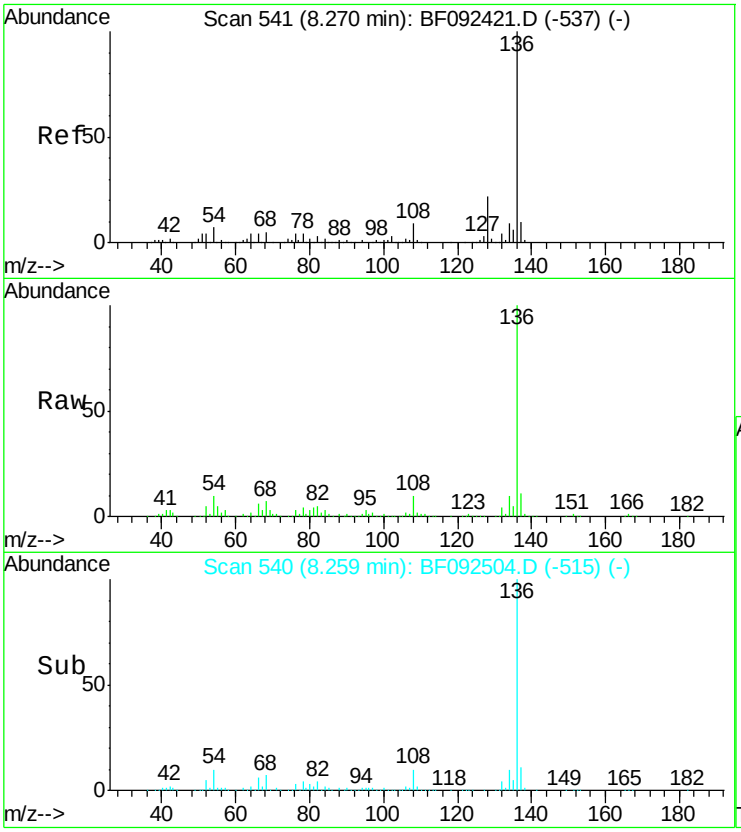


#10
Phenol
Concen: 6.94 ng
RT: 6.60 min Scan# 395
Delta R.T. -0.00 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion: 94 Resp: 117447

Ion	Ratio	Lower	Upper
94	100		
65	26.2	21.4	61.4
66	34.3	44.0	84.0#



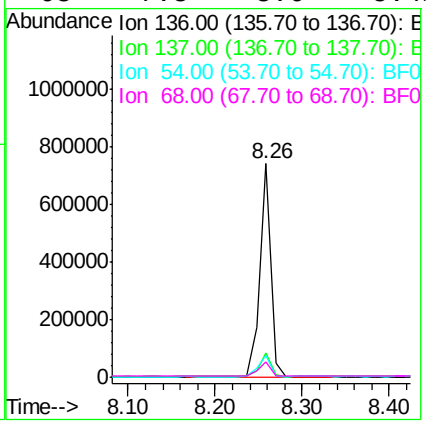


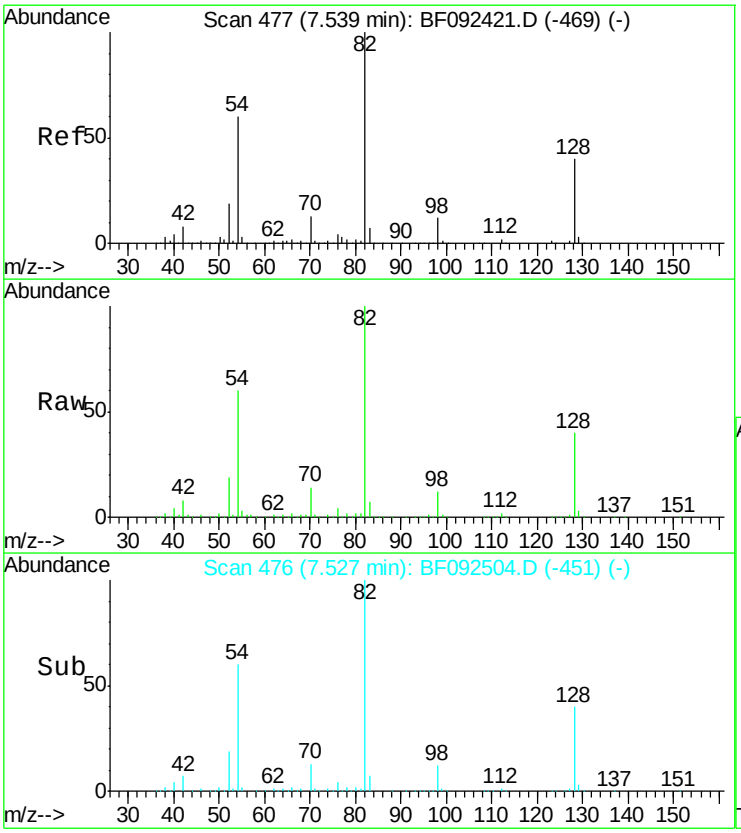
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 670249

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	10.3	4.5	6.7#
68	7.3	3.6	5.4#

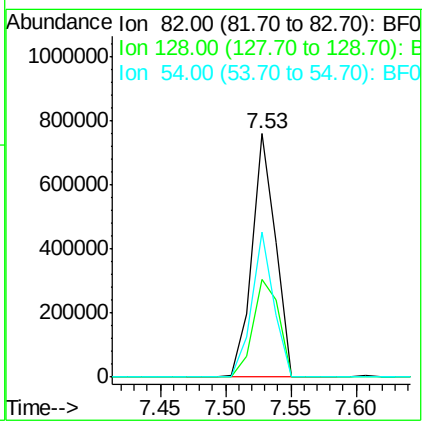


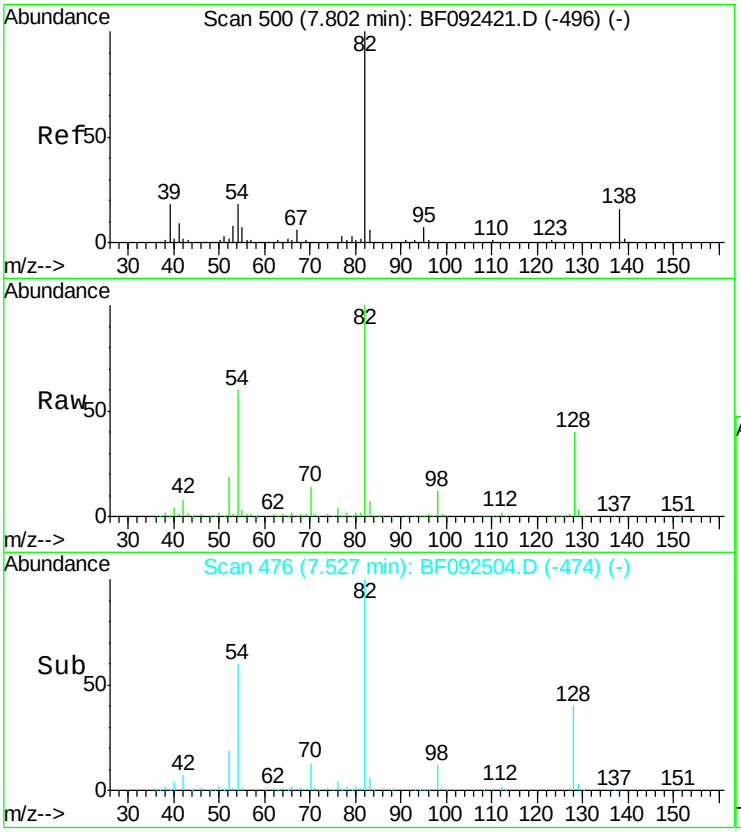


#23
Nitrobenzene-d5
Concen: 77.52 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion: 82 Resp: 951185

Ion	Ratio	Lower	Upper
82	100		
128	40.1	34.6	52.0
54	59.7	39.5	59.3#



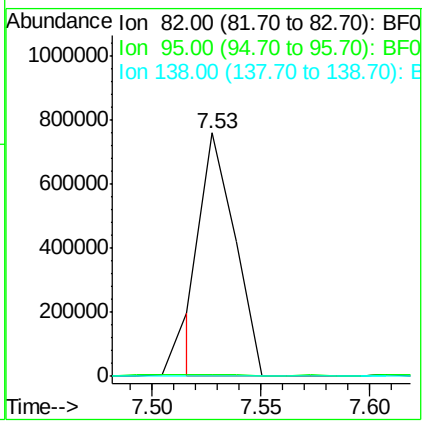


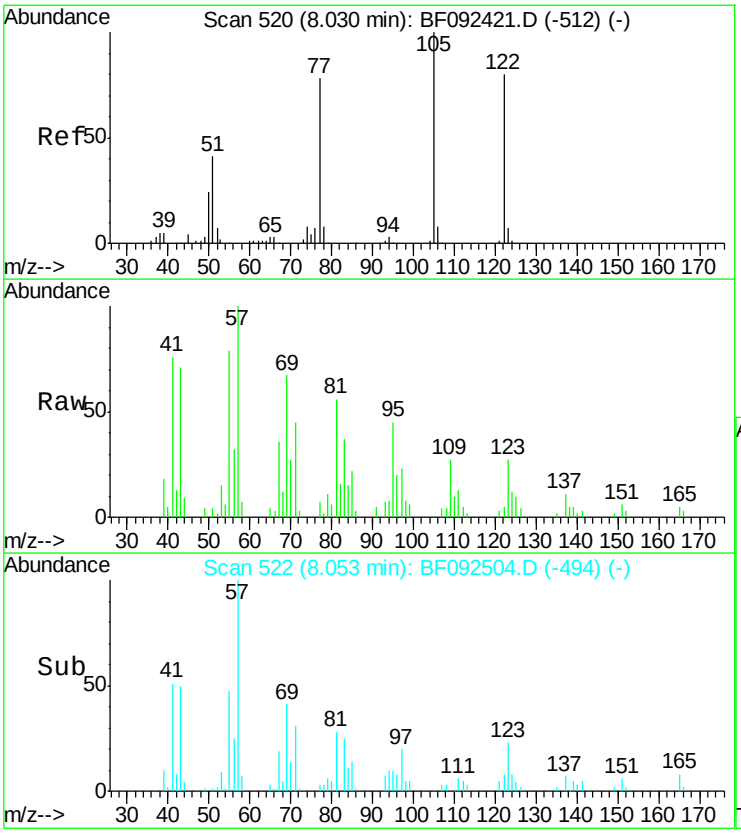
#25
Isophorone
Concen: 33.39 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 807403

Ion	Ratio	Lower	Upper
82	100		
95	0.5	5.6	8.4#
138	0.0	14.6	22.0#

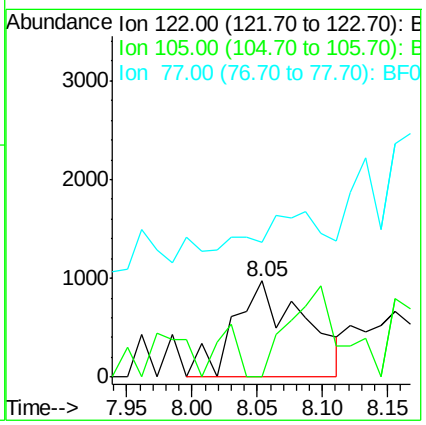


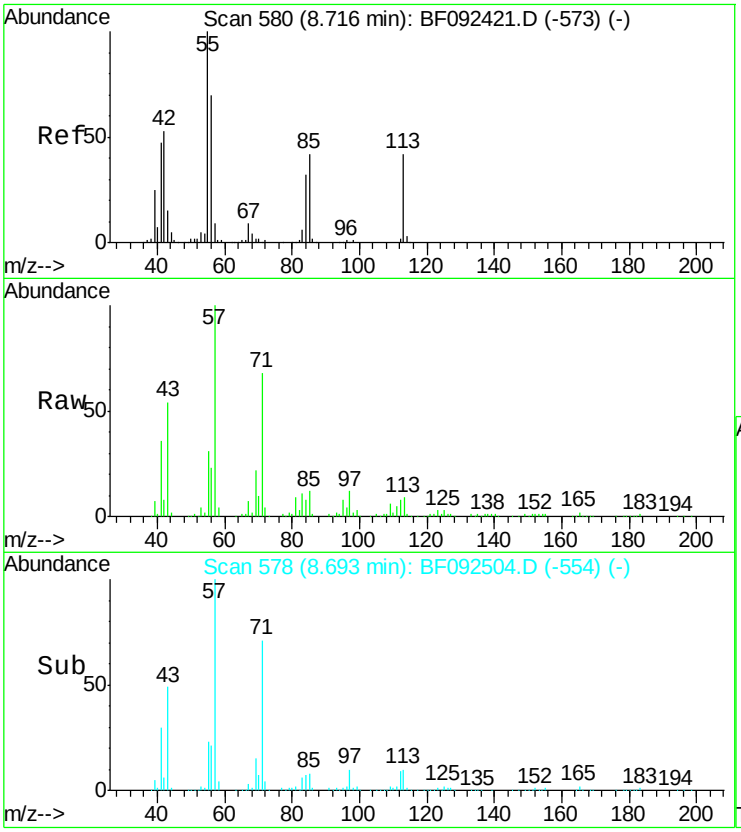


#32
Benzoic acid
Concen: 5.09 ng
RT: 8.05 min Scan# 522
Delta R.T. 0.02 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:122 Resp: 3644

Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	140.6	74.5	114.5#



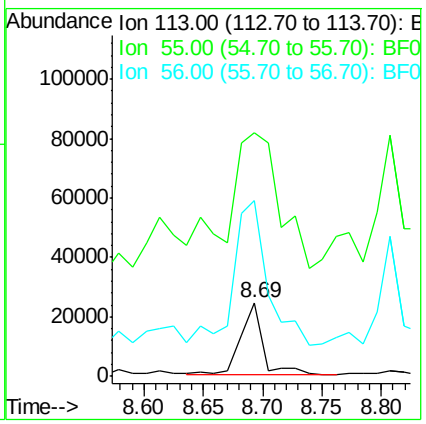


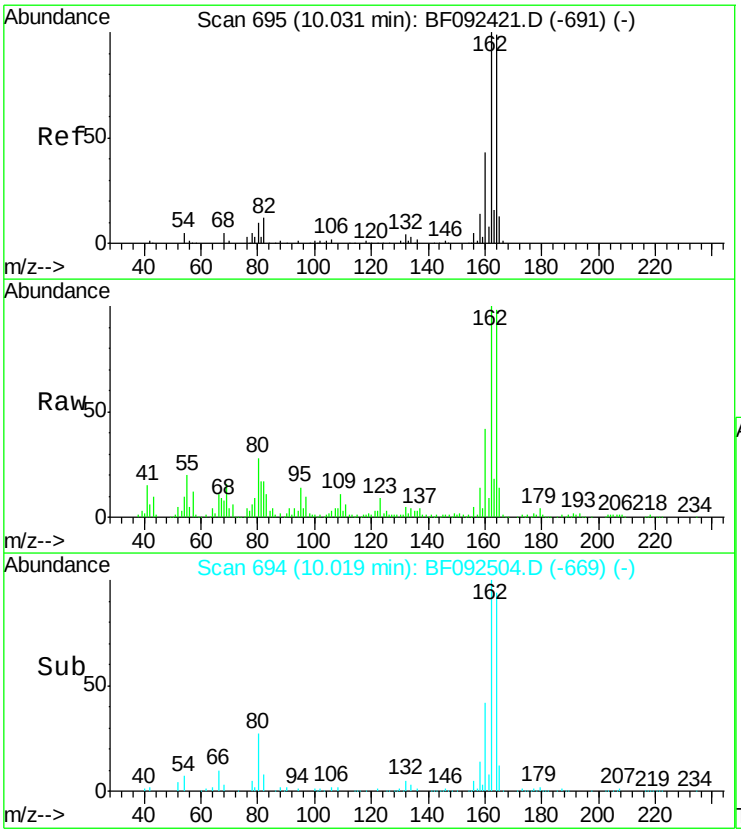
#35
Caprolactam
Concen: 9.61 ng
RT: 8.69 min Scan# 578
Delta R.T. -0.02 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:113 Resp: 31162

Ion	Ratio	Lower	Upper
113	100		
55	329.0	119.2	159.2#
56	238.2	83.8	123.8#

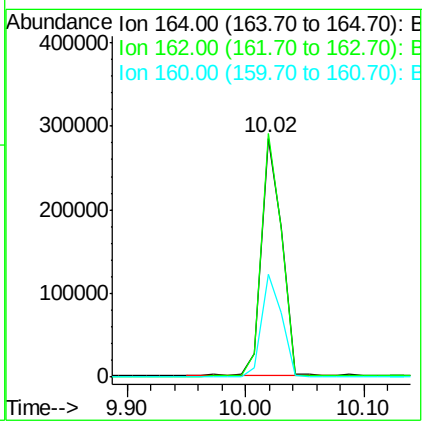


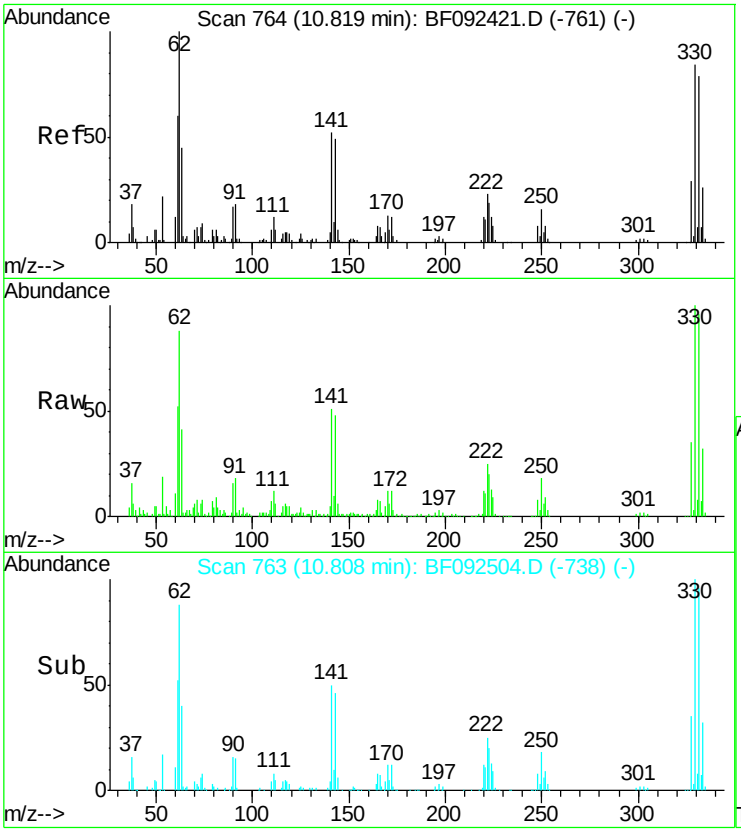


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:164 Resp: 336707

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	43.0	36.9	55.3



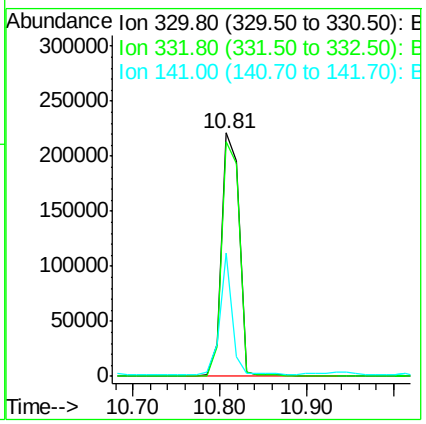


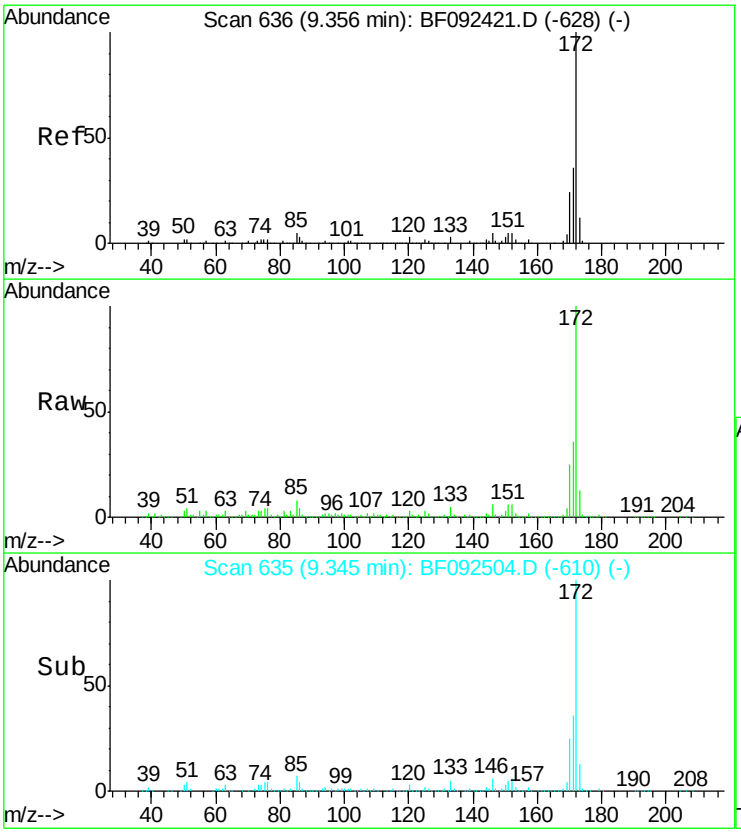
#41
2,4,6-Tribromophenol
Concen: 137.20 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 314802

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.4	116.2
141	35.4	34.1	51.1

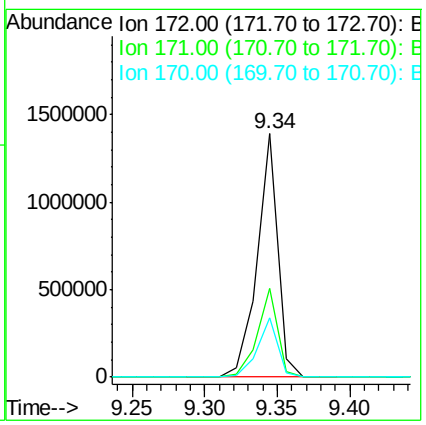


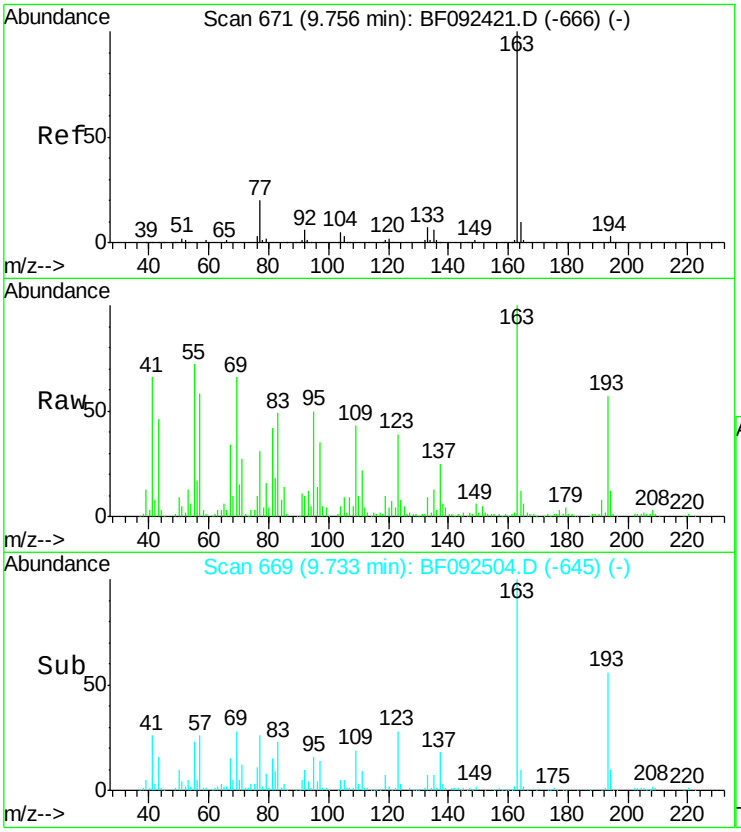


#44
2-Fluorobiphenyl
Concen: 75.07 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:172 Resp: 1366897

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.6	20.2	30.4



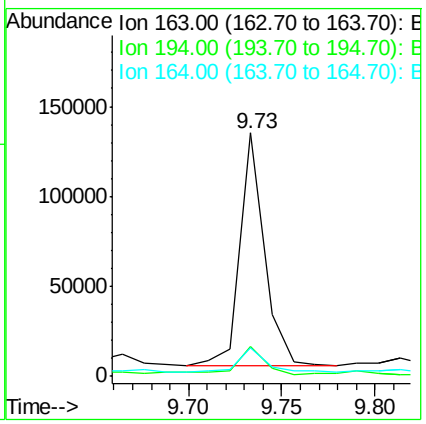


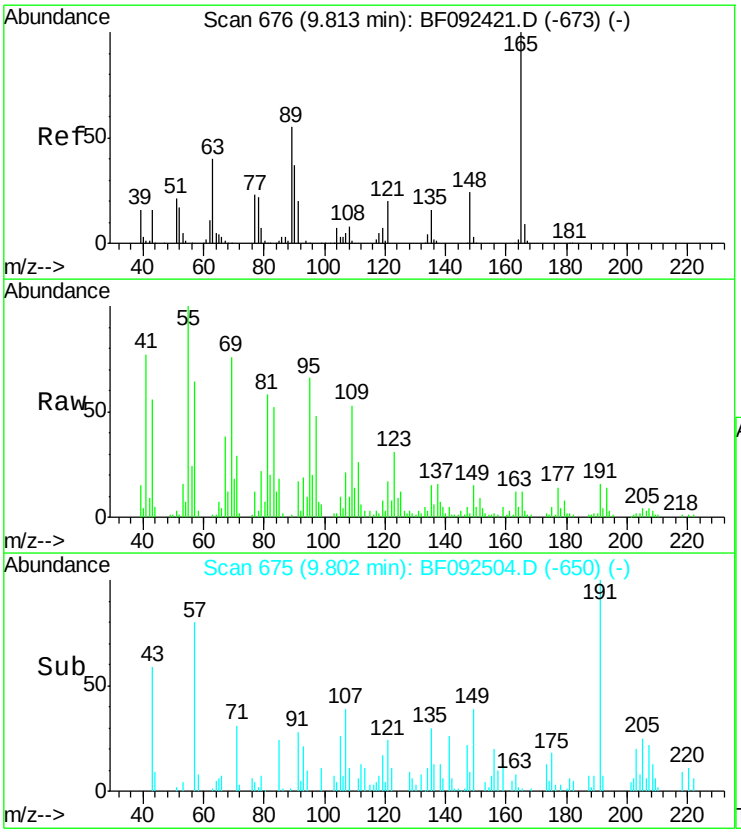
#49
Dimethylphthalate
Concen: 5.52 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:163 Resp: 118256

Ion	Ratio	Lower	Upper
163	100		
194	12.5	3.0	4.4#
164	11.6	8.0	12.0

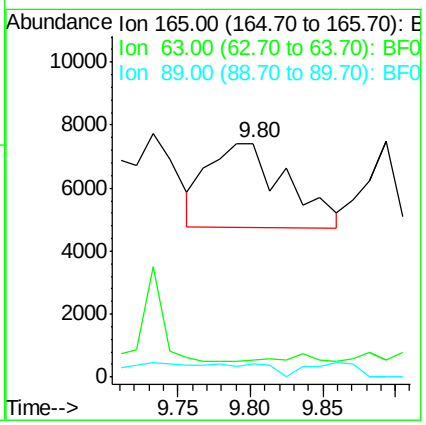


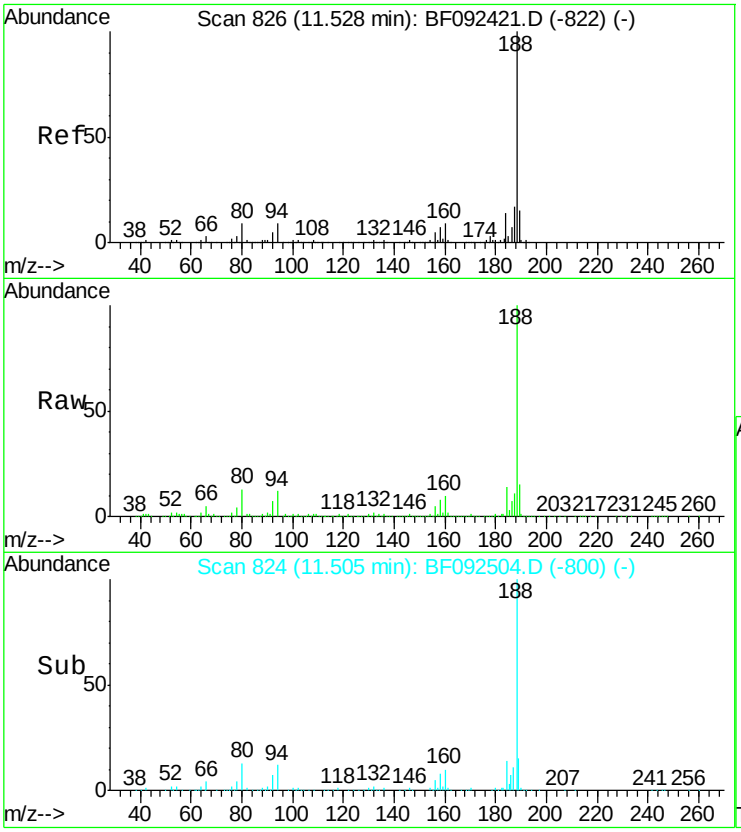


#50
2,6-Dinitrotoluene
Concen: 2.29 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:165 Resp: 10001

Ion	Ratio	Lower	Upper
165	100		
63	7.2	36.2	54.4#
89	5.5	40.2	60.4#



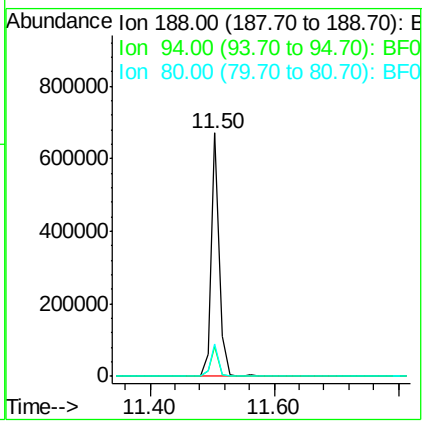


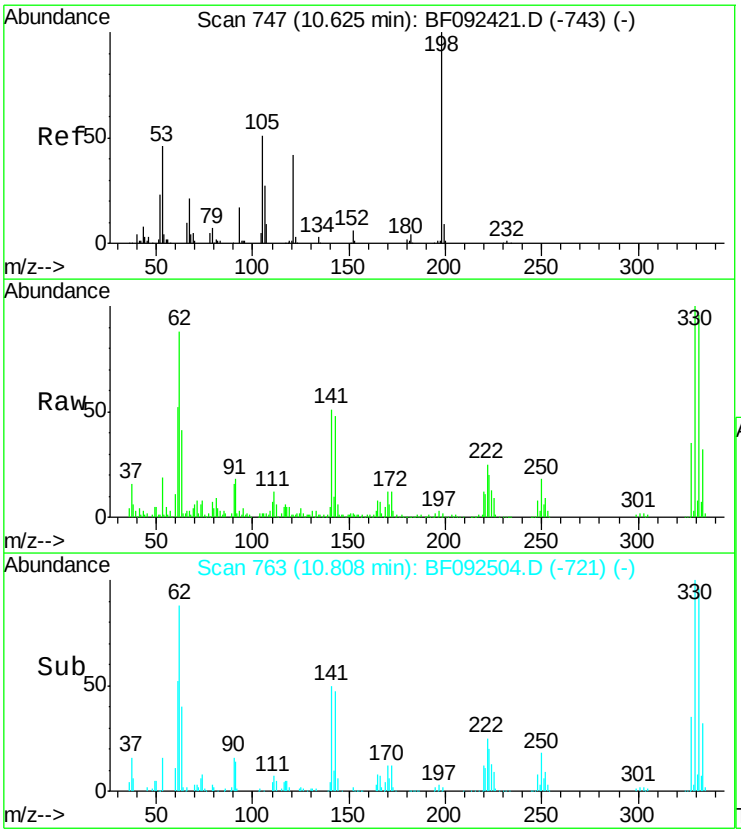
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 589639

Ion	Ratio	Lower	Upper
188	100		
94	12.3	10.0	15.0
80	13.1	11.2	16.8

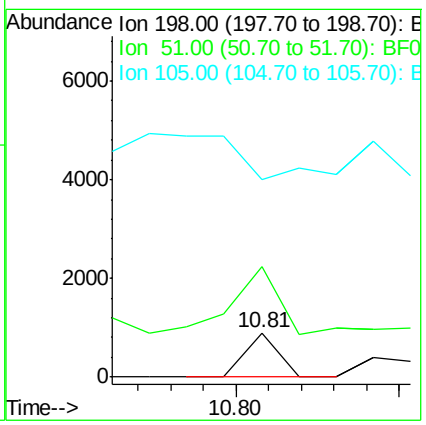


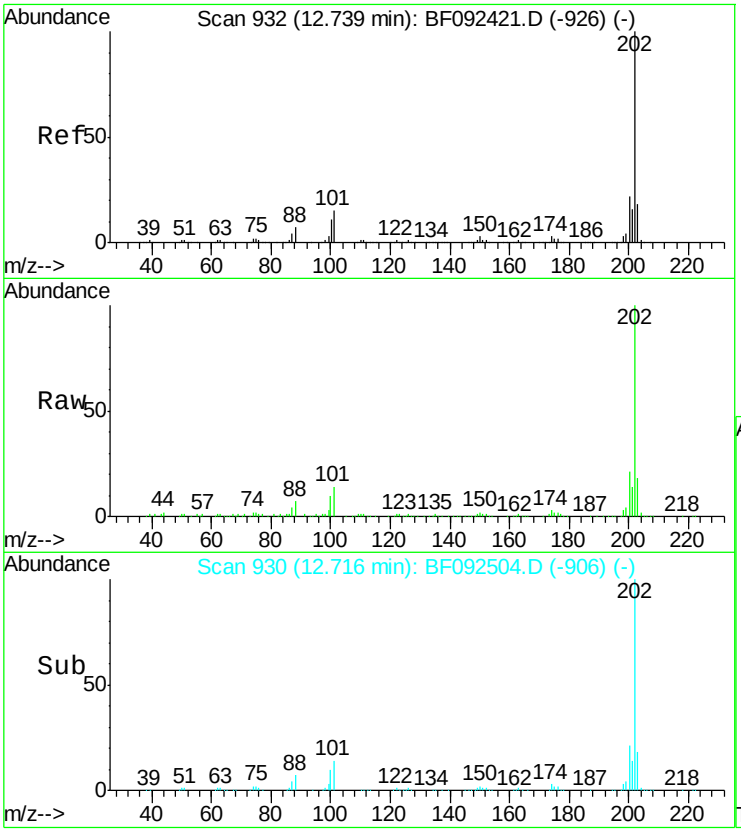


#64
4,6-Dinitro-2-methylphenol
Concen: 5.12 ng
RT: 10.81 min Scan# 763
Delta R.T. 0.18 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:198 Resp: 617

Ion	Ratio	Lower	Upper
198	100		
51	247.6	6.7	46.7#
105	445.8	16.6	56.6#



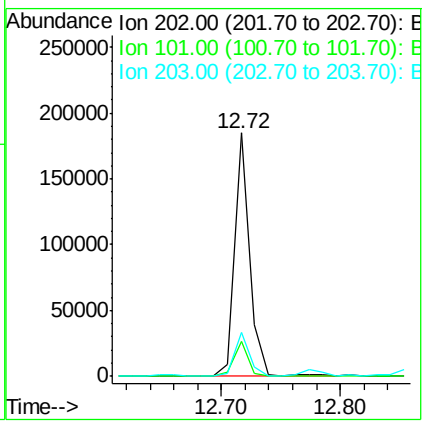


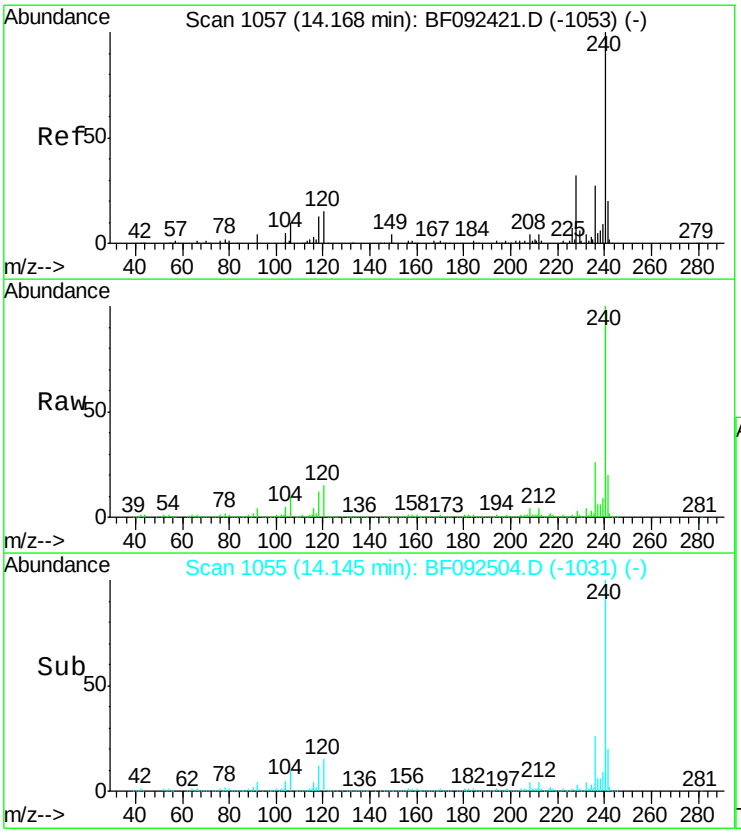
#74
Fluoranthene
Concen: 5.15 ng
RT: 12.72 min Scan# 930
Delta R.T. -0.02 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 163541

Ion	Ratio	Lower	Upper
202	100		
101	14.4	0.0	34.6
203	17.9	0.0	38.7

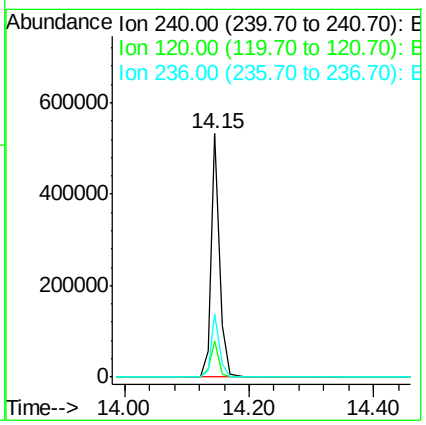


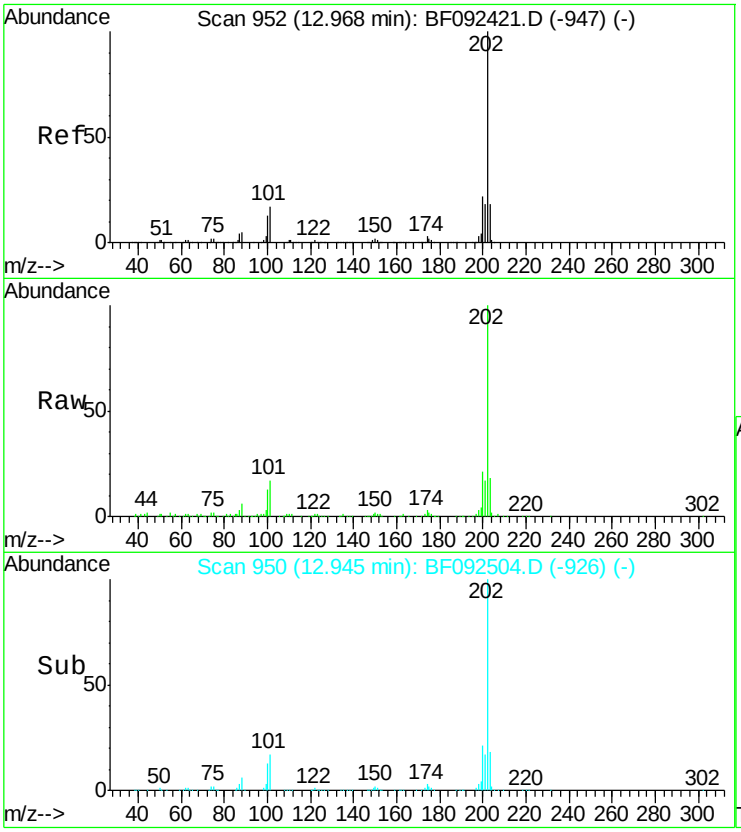


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:240 Resp: 494598

Ion	Ratio	Lower	Upper
240	100		
120	14.7	12.9	19.3
236	25.8	20.9	31.3



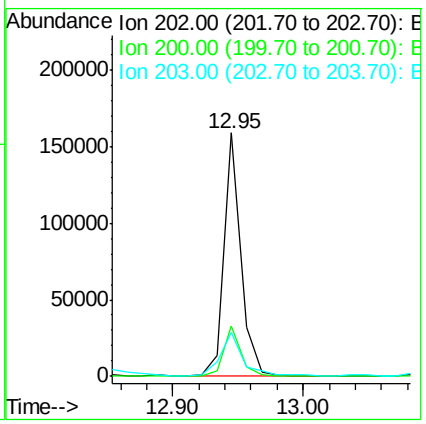


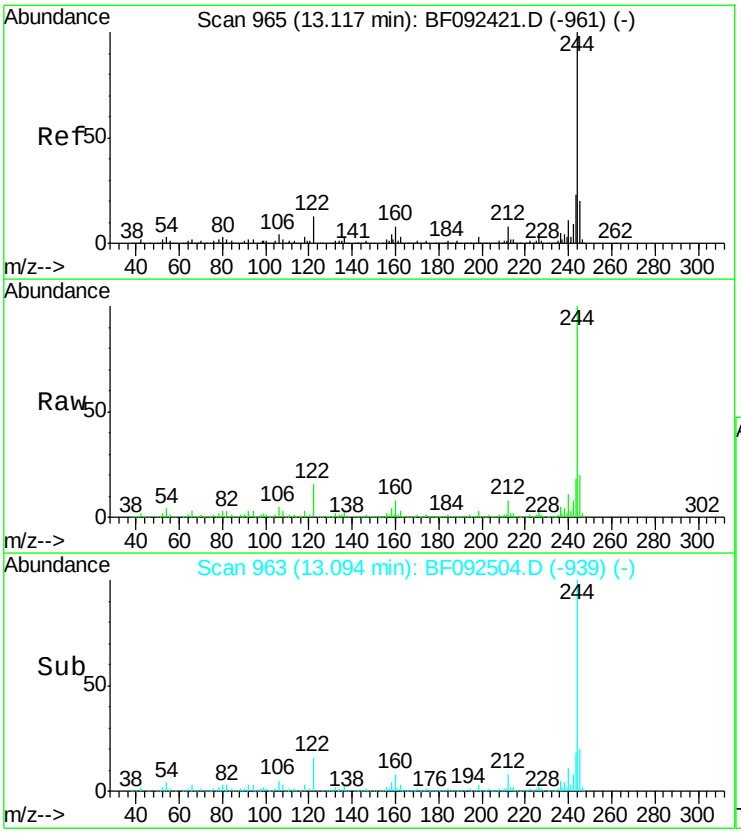
#77
Pyrene
Concen: 4.04 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:202 Resp: 144653

Ion	Ratio	Lower	Upper
202	100		
200	20.5	17.7	26.5
203	18.2	14.7	22.1

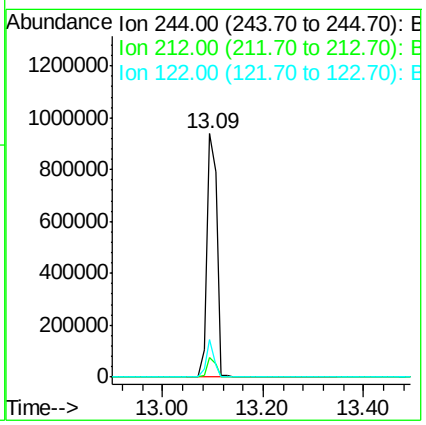


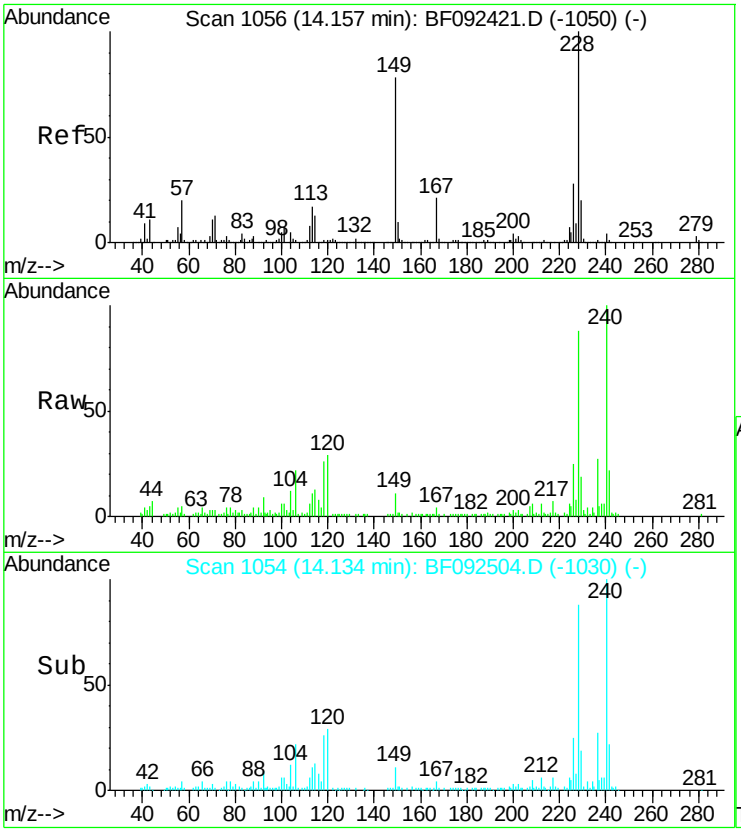


#78
Terphenyl-d14
Concen: 68.81 ng
RT: 13.09 min Scan# 963
Delta R.T. -0.02 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:244 Resp: 1278066

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.2	9.2
122	15.6	11.4	17.2



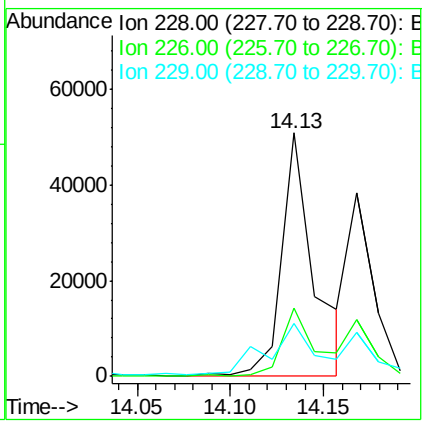


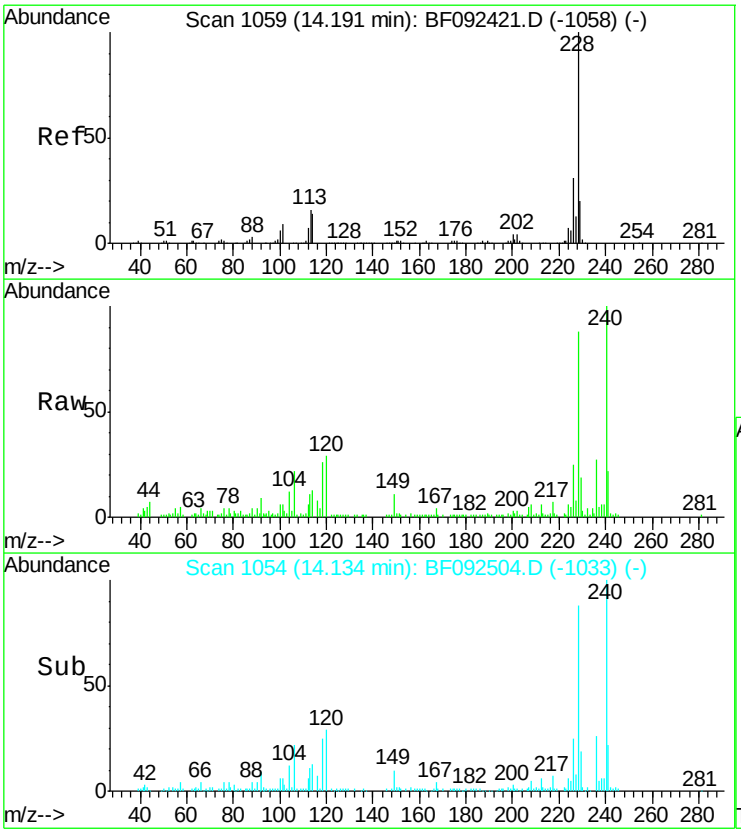
#80
Benzo(a)anthracene
Concen: 2.32 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:228 Resp: 61780

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.4	33.6
229	21.8	16.2	24.4

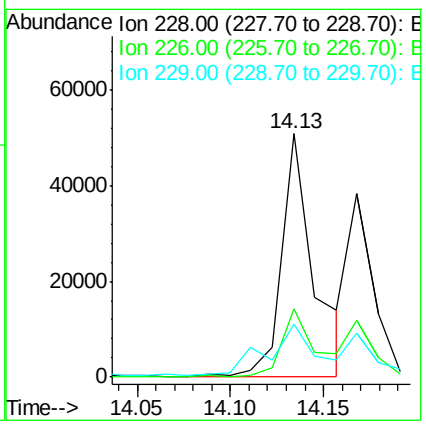


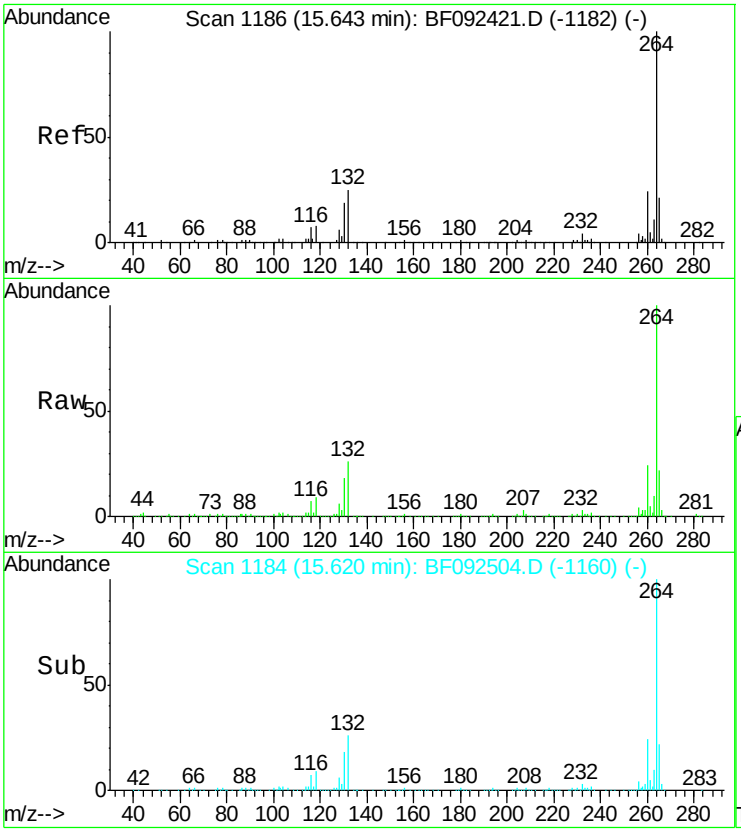


#82
Chrysene
Concen: 2.18 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.06 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:228 Resp: 61780

Ion	Ratio	Lower	Upper
228	100		
226	28.1	25.4	38.0
229	21.8	16.2	24.2



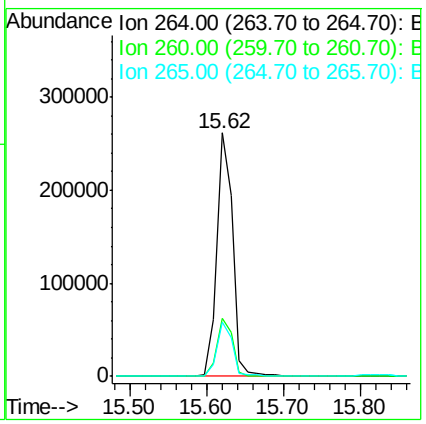


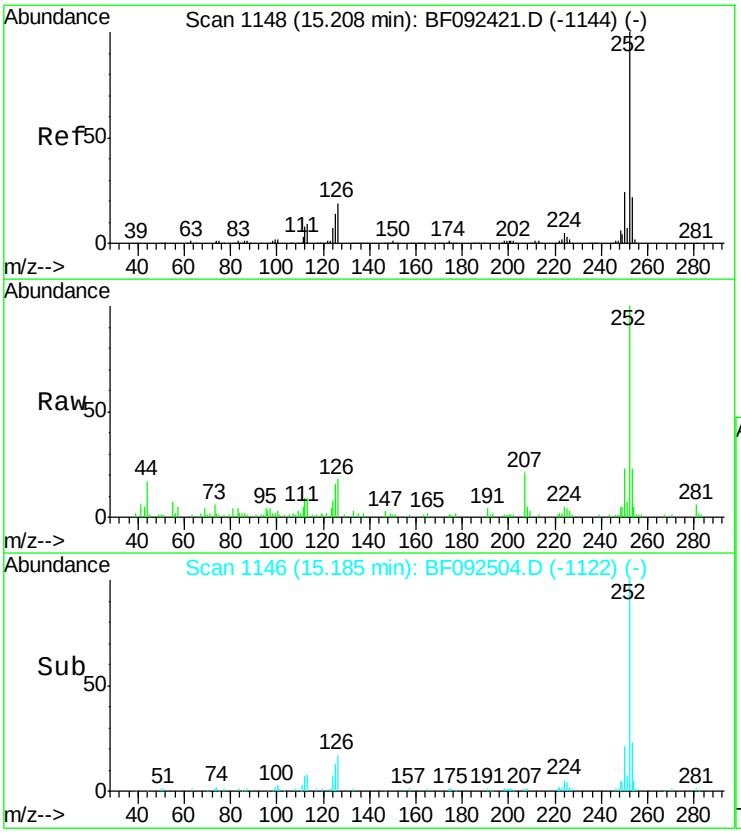
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 378275

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.4	17.4	26.0

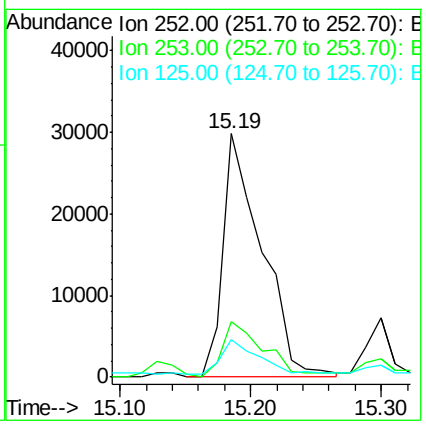


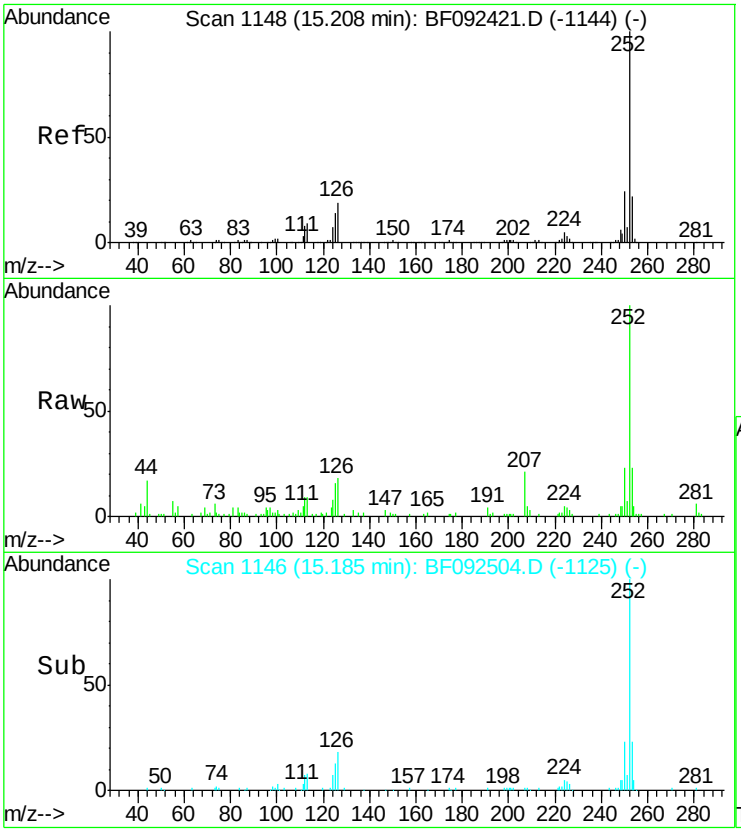


#87
Benzo(b)fluoranthene
Concen: 2.54 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:252 Resp: 61771

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	15.5	9.8	14.6#



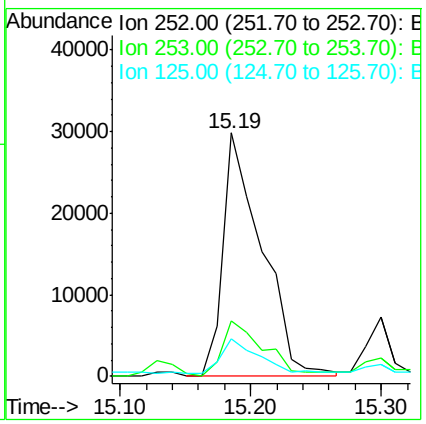


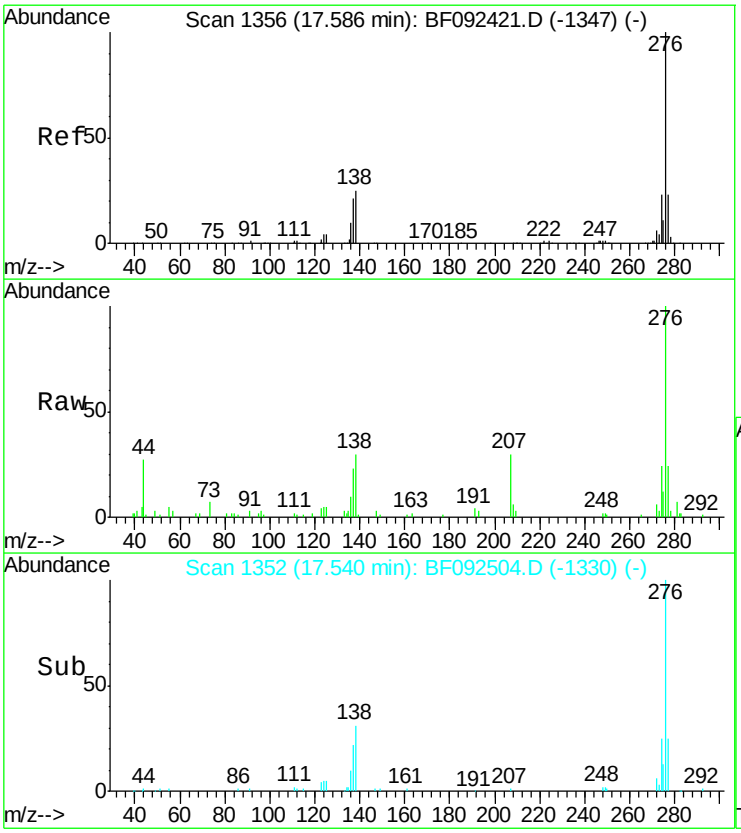
#88
Benzo(k)fluoranthene
Concen: 3.06 ng
RT: 15.19 min Scan# 1146
Delta R.T. -0.06 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Instrument :
BNA_F
ClientSampleId :

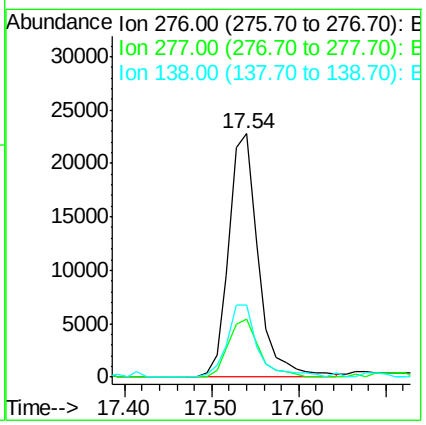
Tgt Ion:252 Resp: 61771

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	15.5	8.9	13.3#





#91
Benzo(g,h,i)perylene
Concen: 3.20 ng
RT: 17.54 min Scan# 1352
Delta R.T. -0.05 min
Lab File: BF092504.D
Acq: 26 Jan 2017 3:55

Tgt Ion:276 Resp: 53826

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.2	28.8
138	29.8	16.0	24.0#