Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
Data File : BF092307.D
Acq On : 17 Jan 2017 3:45
Operator : UM/SJ
Sample : PB96012TB
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96012TB

Quant Time: Jan 17 05:54:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	165568	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	656214	20.00	ng		-0.01
38) Acenaphthene-d10	9.59	164	406844	20.00	ng		-0.01
63) Phenanthrene-d10	11.07	188	624115	20.00	ng		-0.01
75) Chrysene-d12	13.70	240	389762	20.00	ng		-0.01
86) Perylene-d12	15.05	264	410438	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	1234211	124.47	ng		0.01
7) Phenol-d6	6.23	99	1662492	137.32	ng		0.00
23) Nitrobenzene-d5	7.14	82	1074155	91.02	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	350480	104.09	ng		-0.01
44) 2-Fluorobiphenyl	8.93	172	1633357	81.77	ng		0.00
78) Terphenyl-d14	12.66	244	1307038	81.33	ng		0.00
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.14	70	138120	17.15	ng	#	74
25) Isophorone	7.14	82	1065946	48.96	ng	#	65
37) 2-Methylnaphthalene	8.56	142	1462	Below Cal			91
50) 2,6-Dinitrotoluene	9.59	165	52289	9.18	ng	#	30
56) 2,4-Dinitrotoluene	9.59	165	52289	7.31	ng	#	19
66) 4-Bromophenyl-phenylether	10.38	248	20603	3.17	ng	#	1
71) Anthracene	11.15	178	2172	Below Cal			96
73) Di-n-butylphthalate	11.65	149	3358	Below Cal		#	93
74) Fluoranthene	12.28	202	1866	Below Cal			61
76) Benzidine	12.42	184	3281	Below Cal		#	86

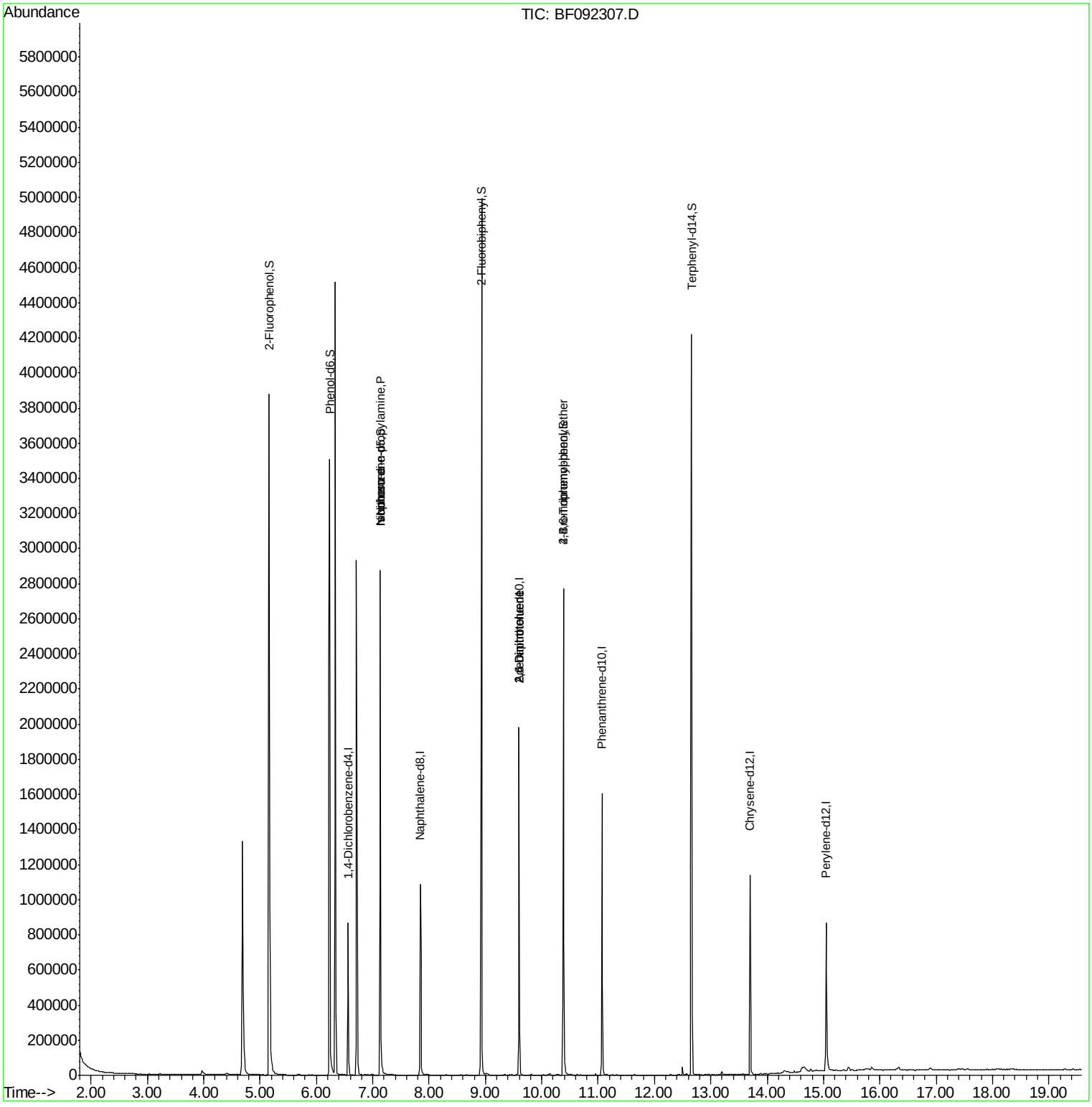
(#) = qualifier out of range (m) = manual integration (+) = signals summed

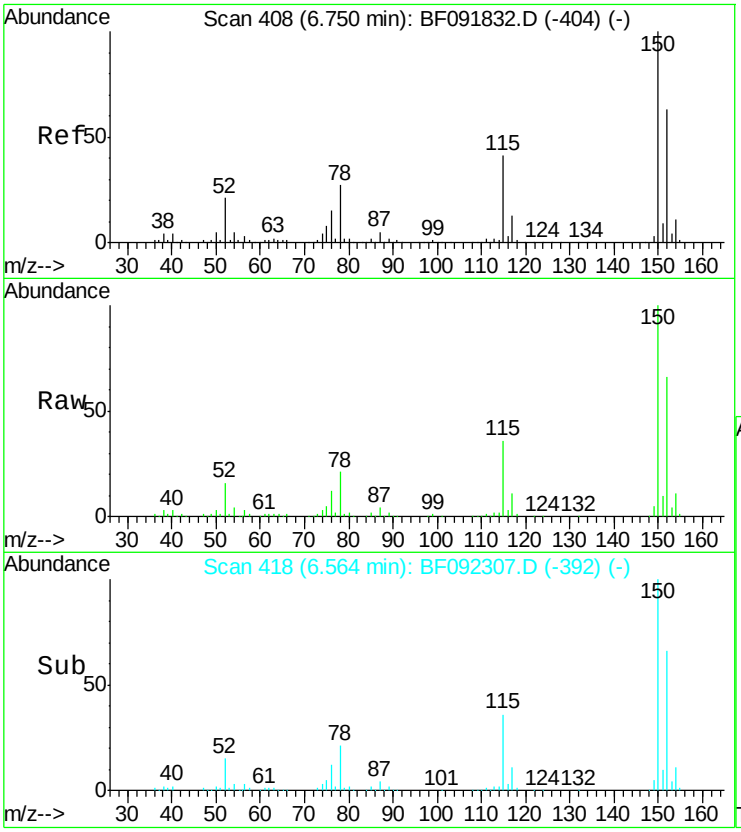
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
Data File : BF092307.D
Acq On : 17 Jan 2017 3:45
Operator : UM/SJ
Sample : PB96012TB
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Quant Time: Jan 17 05:54:01 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 00:52:12 2017
Response via : Initial Calibration



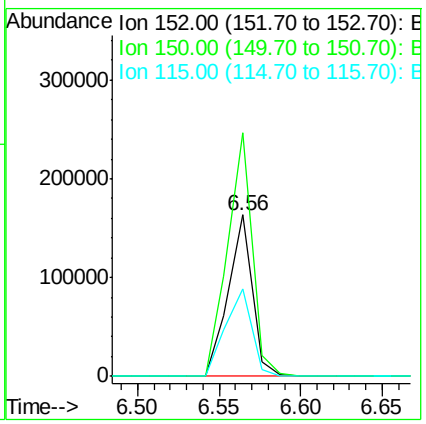


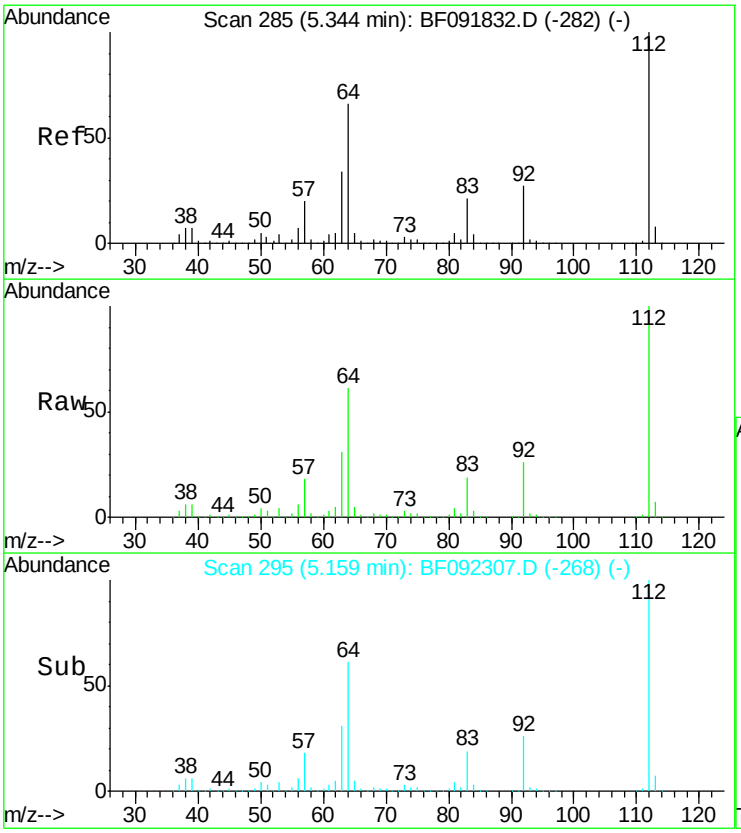
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 418
Delta R.T. -0.00 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion:152 Resp: 165568

Ion	Ratio	Lower	Upper
152	100		
150	151.0	124.9	187.3
115	54.2	46.0	69.0

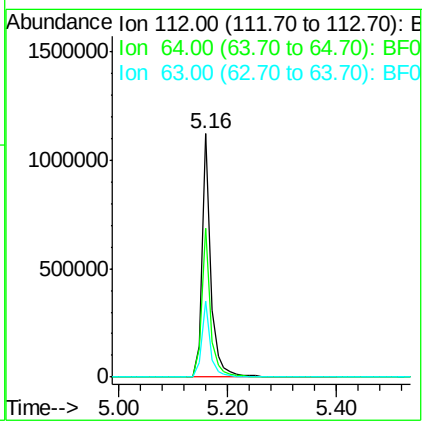


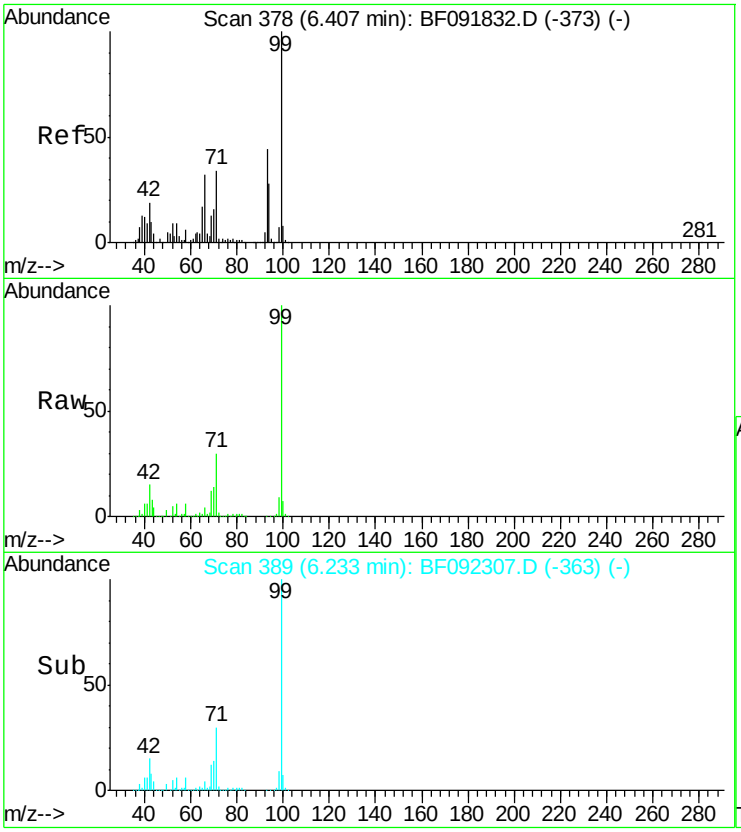


#5
2-Fluorophenol
Concen: 124.47 ng
RT: 5.16 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Tgt Ion:112 Resp: 1234211

Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.1	69.1
63	31.0	23.8	35.6



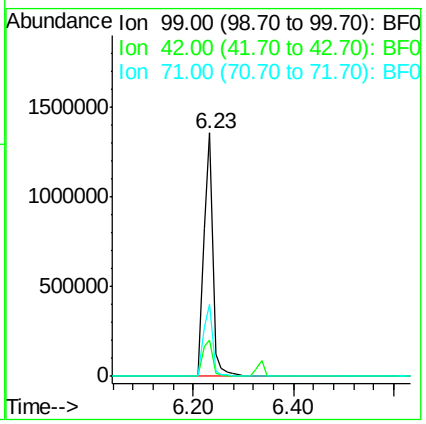


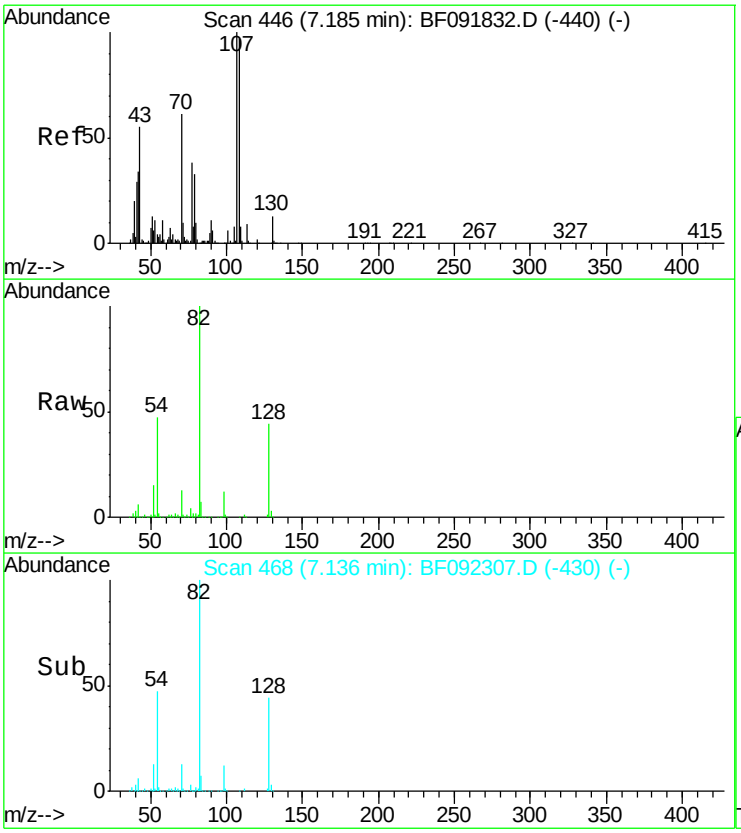
#7
Phenol-d6
Concen: 137.32 ng
RT: 6.23 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion: 99 Resp: 1662492

Ion	Ratio	Lower	Upper
99	100		
42	15.1	15.6	23.4#
71	29.5	27.5	41.3

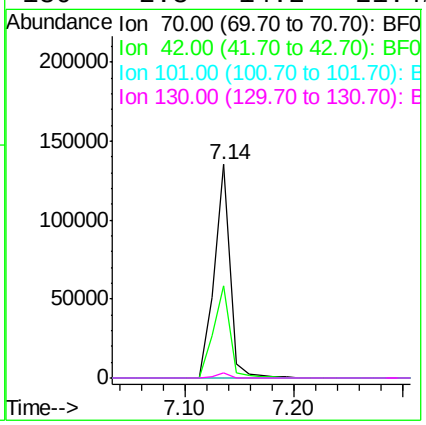


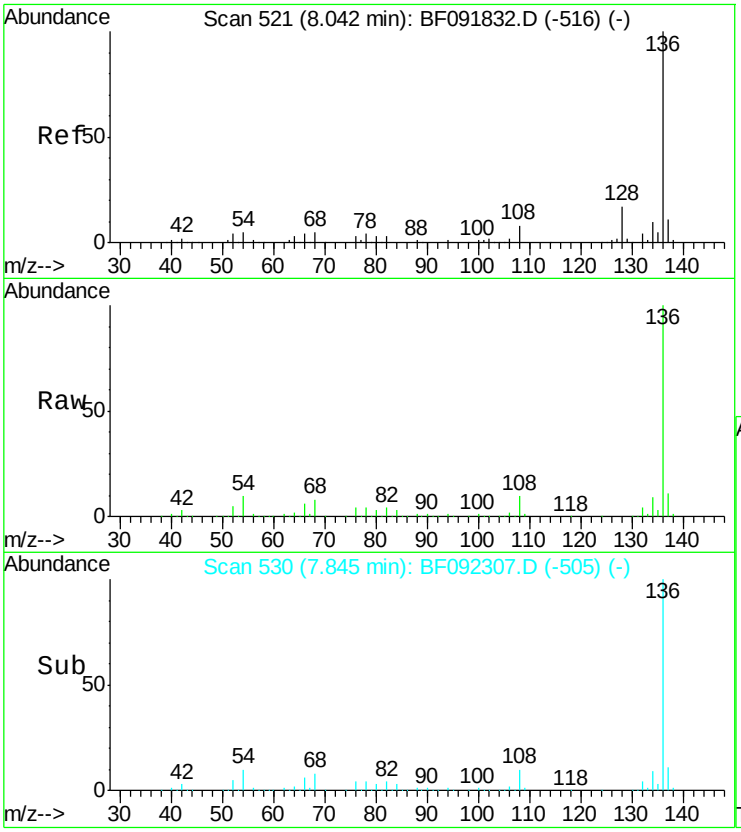


#19
n-Nitroso-di-n-propylamine
Concen: 17.15 ng
RT: 7.14 min Scan# 468
Delta R.T. 0.14 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Tgt Ion: 70 Resp: 138120

Ion	Ratio	Lower	Upper
70	100		
42	43.4	49.4	74.0#
101	0.0	7.4	11.2#
130	2.3	14.2	21.4#



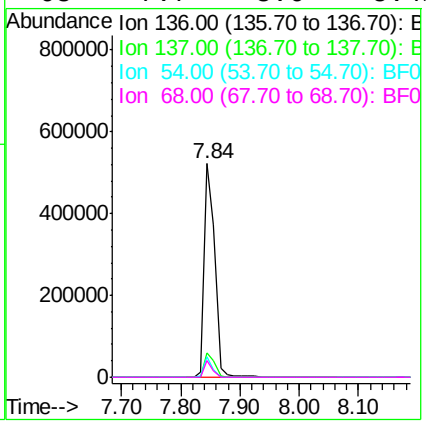


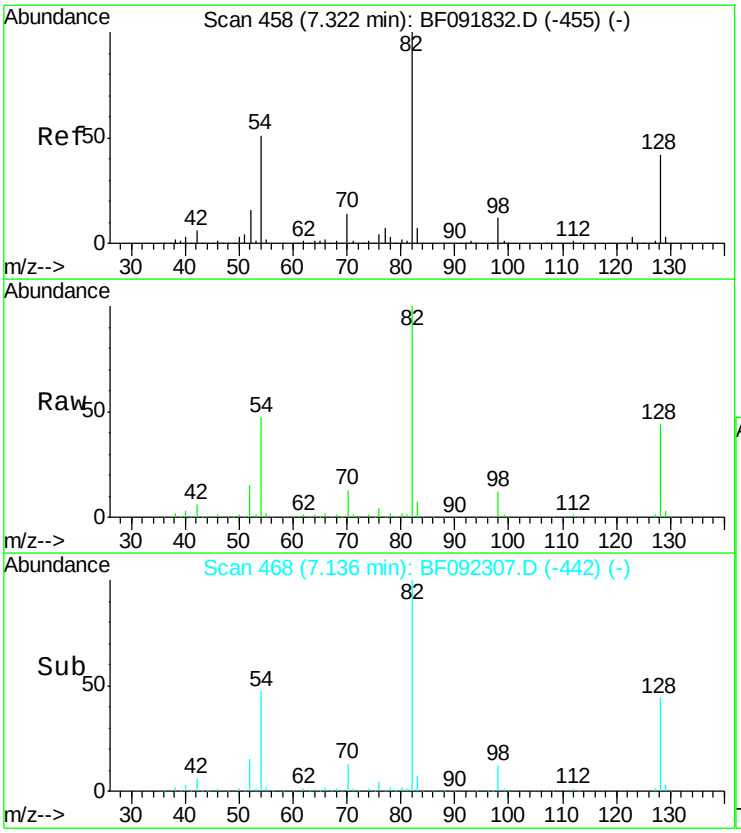
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion:136 Resp: 656214

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	9.7	4.5	6.7#
68	7.7	3.6	5.4#

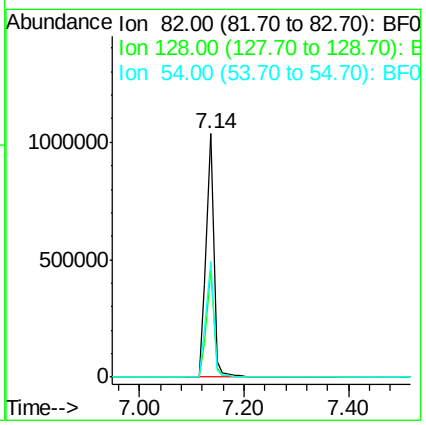


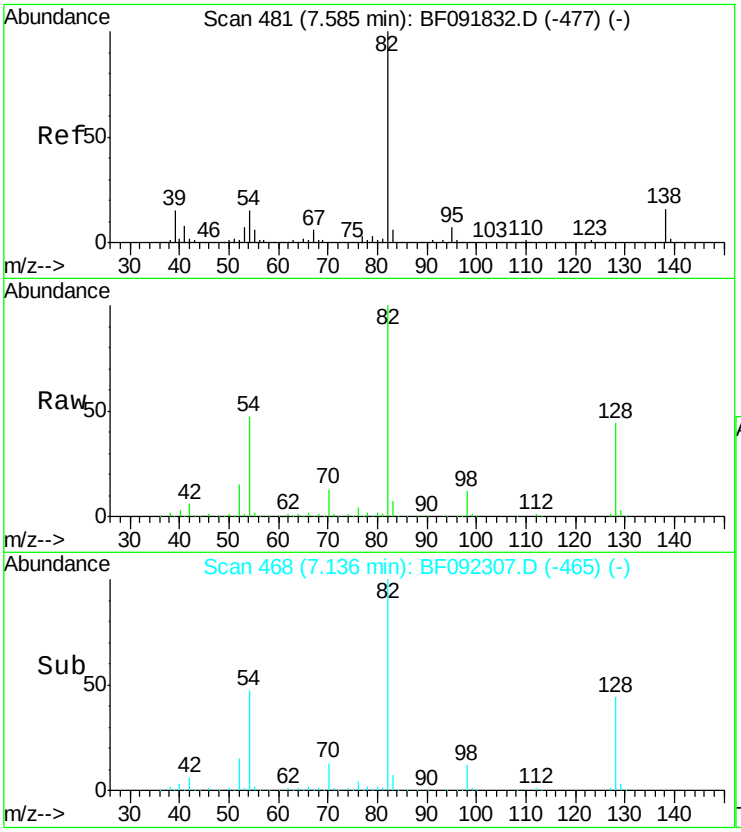


#23
Nitrobenzene-d5
Concen: 91.02 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Tgt Ion: 82 Resp: 1074155

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	47.4	39.5	59.3



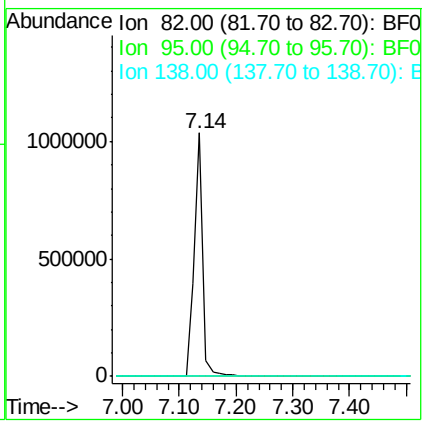


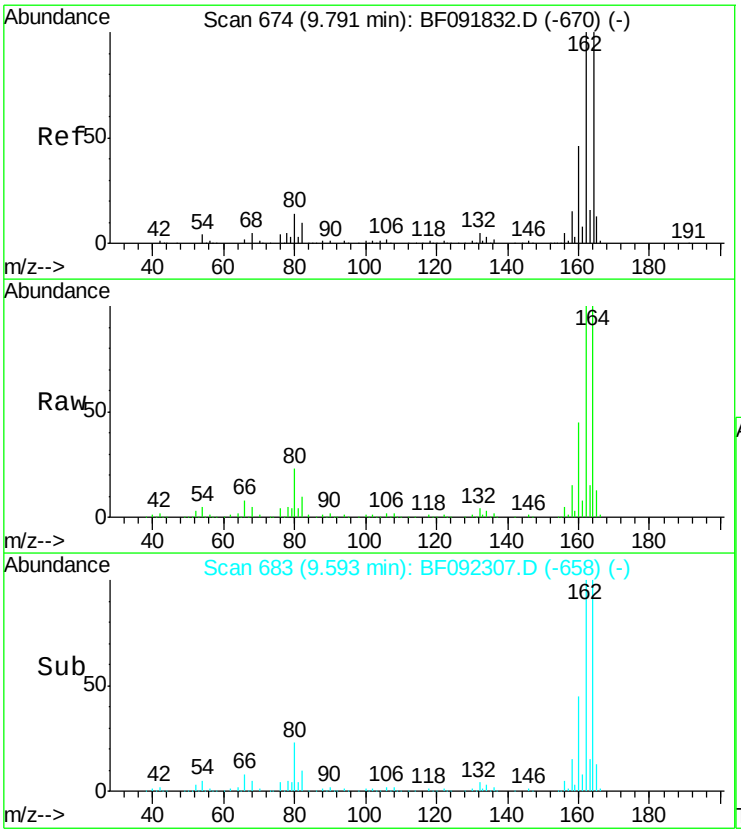
#25
Isophorone
Concen: 48.96 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.26 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion: 82 Resp: 1065946

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

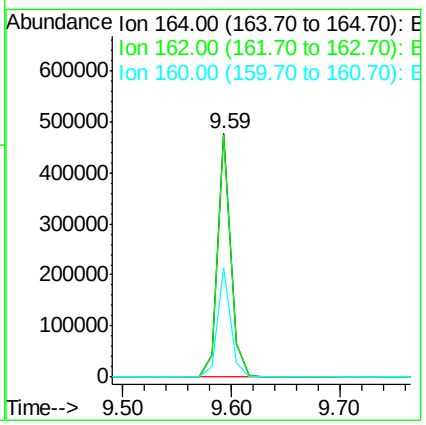


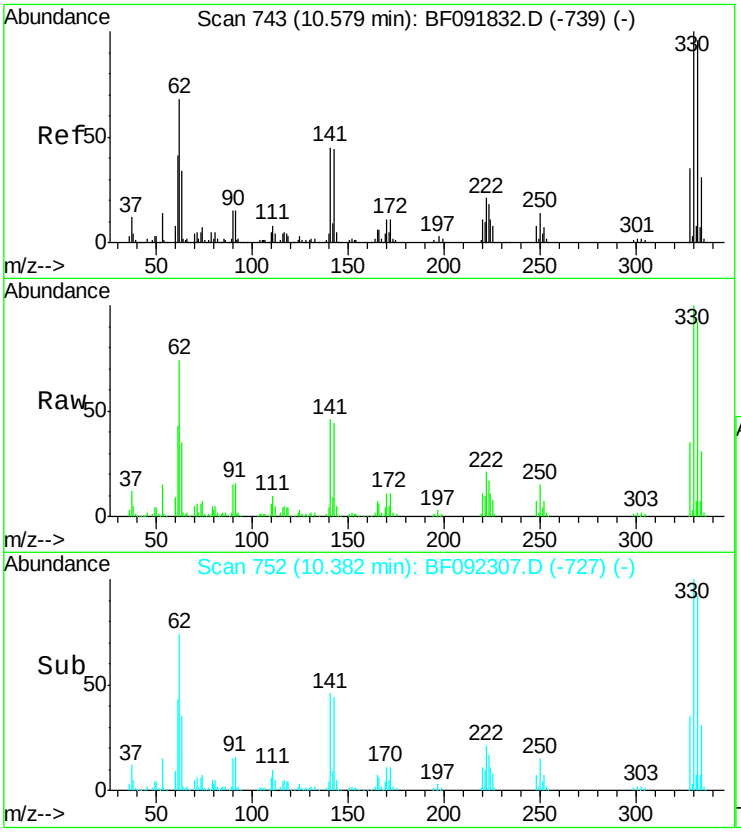


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Tgt Ion:164 Resp: 406844

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	44.6	36.9	55.3



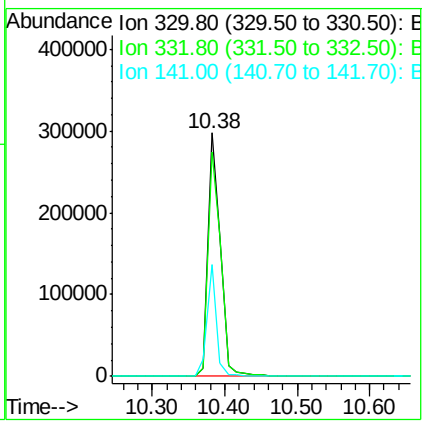


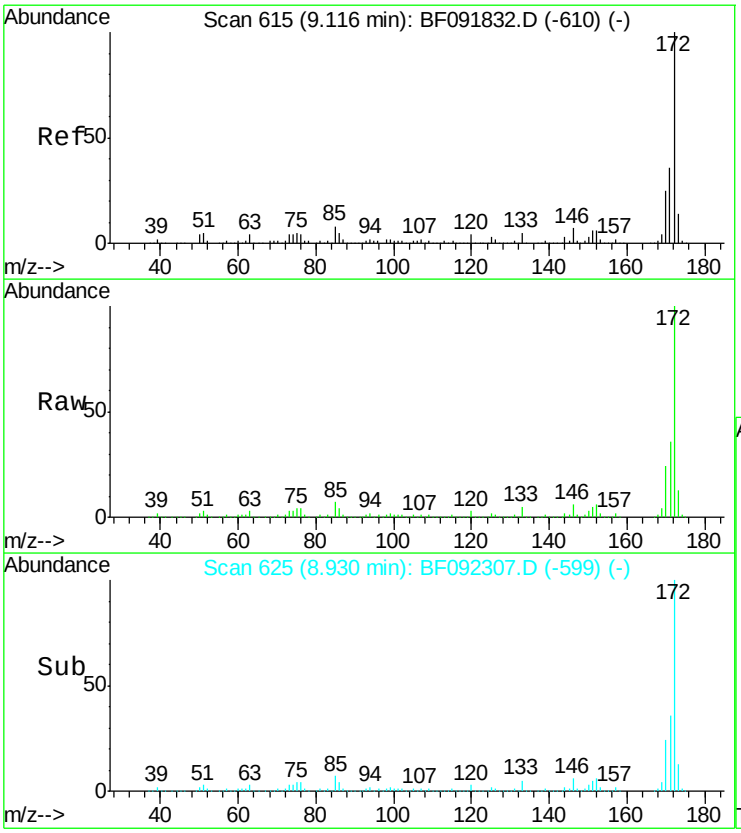
#41
2,4,6-Tribromophenol
Concen: 104.09 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion:330 Resp: 350480

Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.4	116.2
141	35.6	34.1	51.1

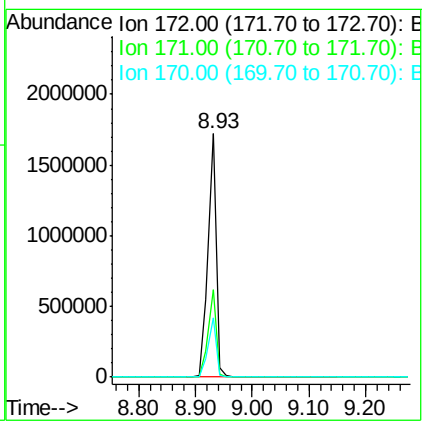


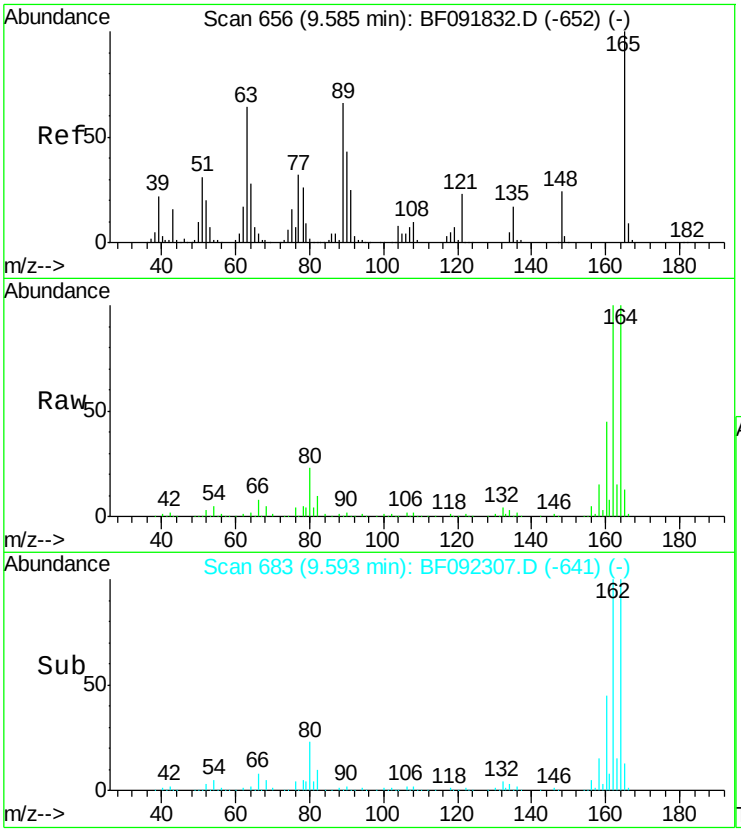


#44
2-Fluorobiphenyl
Concen: 81.77 ng
RT: 8.93 min Scan# 625
Delta R.T. -0.00 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Tgt Ion:172 Resp: 1633357

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	24.5	20.2	30.4



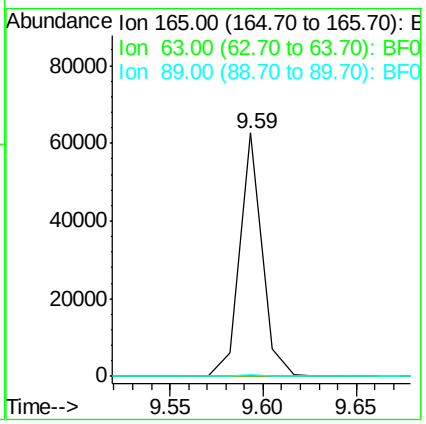


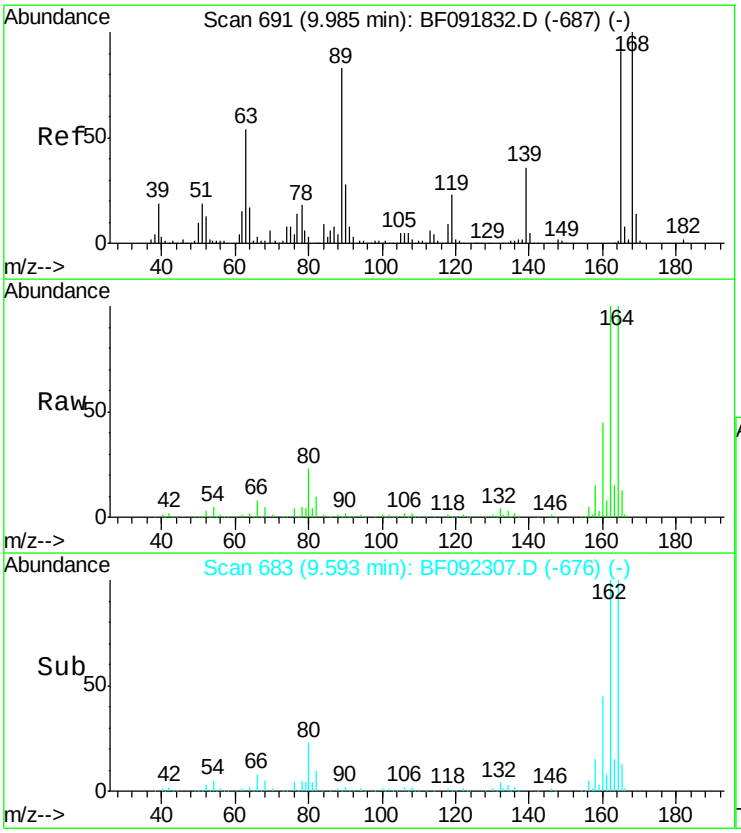
#50
2,6-Dinitrotoluene
Concen: 9.18 ng
RT: 9.59 min Scan# 683
Delta R.T. 0.18 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion:165 Resp: 52289

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.8	40.2	60.4#

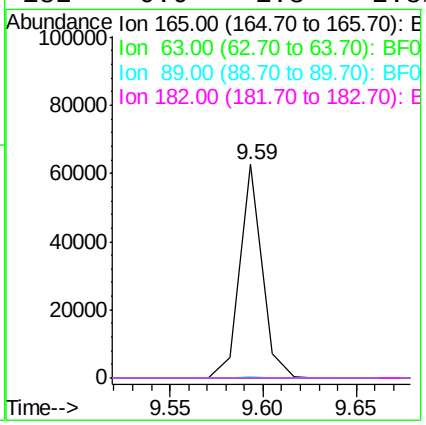


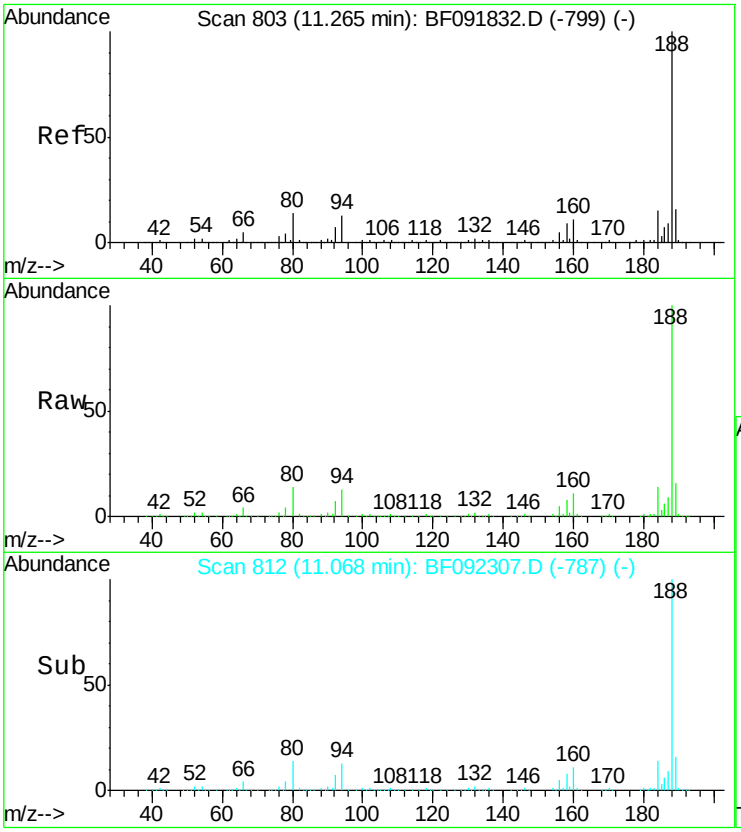


#56
2,4-Dinitrotoluene
Concen: 7.31 ng
RT: 9.59 min Scan# 683
Delta R.T. -0.22 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Tgt Ion:165 Resp: 52289

Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#



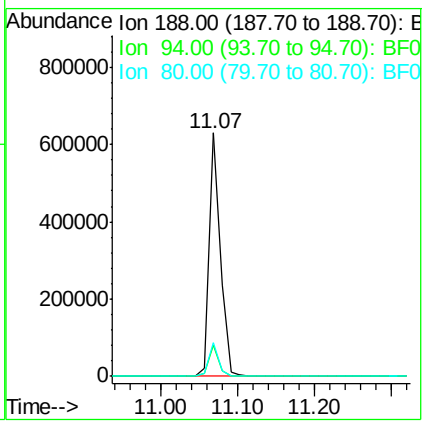


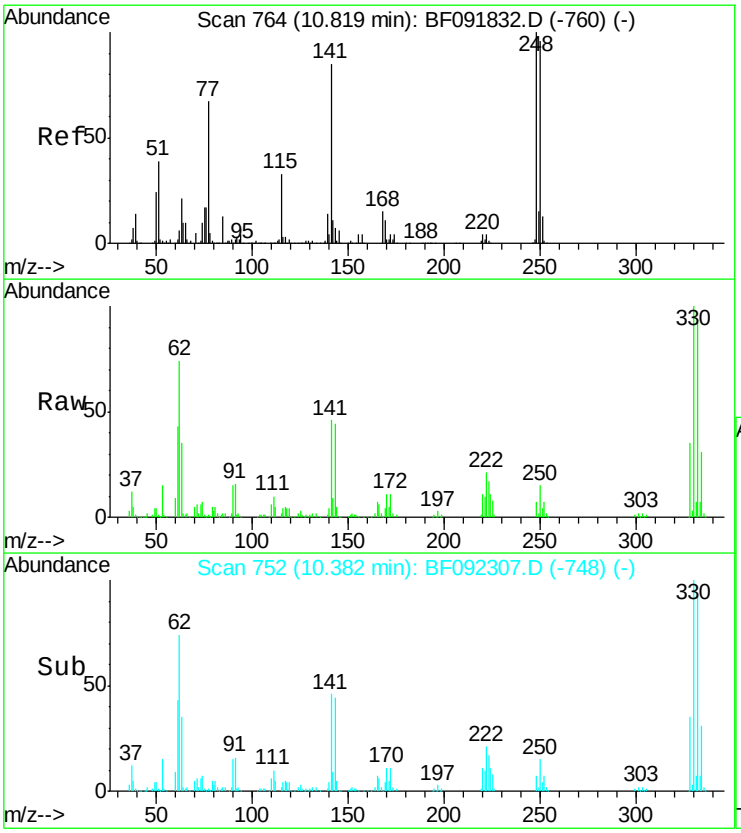
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion:188 Resp: 624115

Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.0	15.0
80	13.6	11.2	16.8

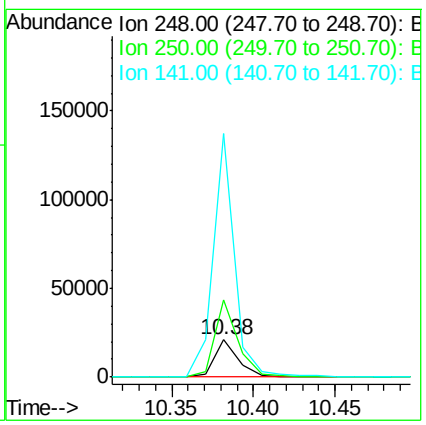


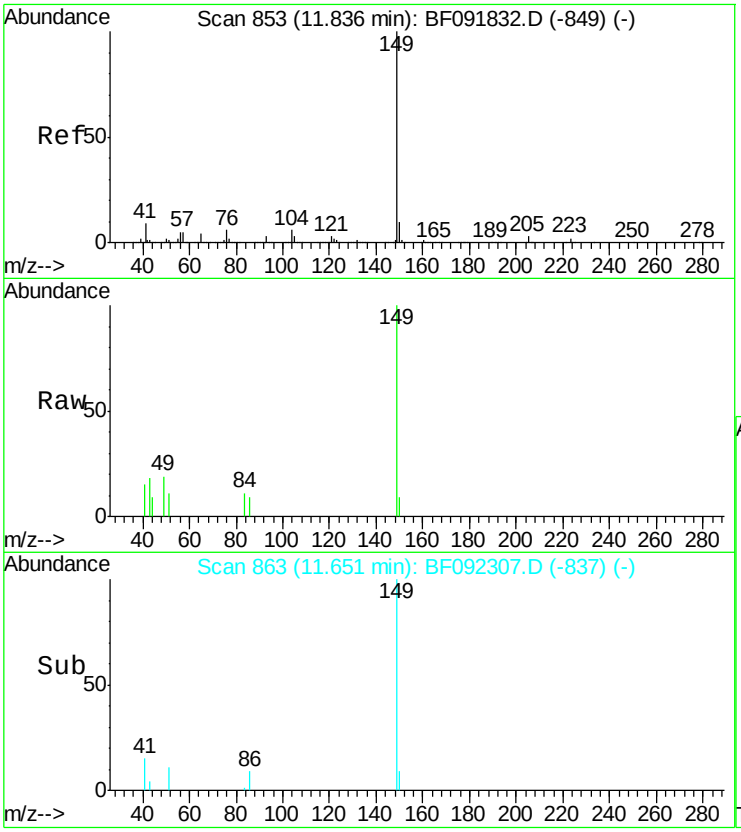


#66
4-Bromophenyl-phenylether
Concen: 3.17 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.25 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Tgt Ion:248 Resp: 20603

Ion	Ratio	Lower	Upper
248	100		
250	207.5	76.9	115.3#
141	656.2	68.2	102.4#



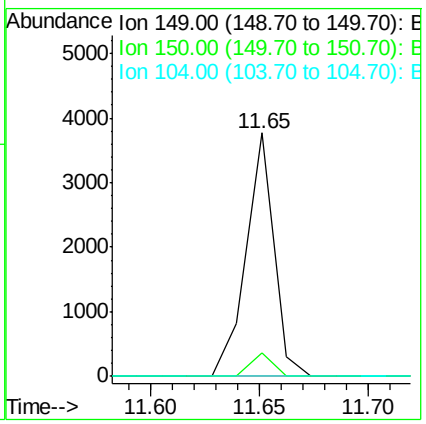


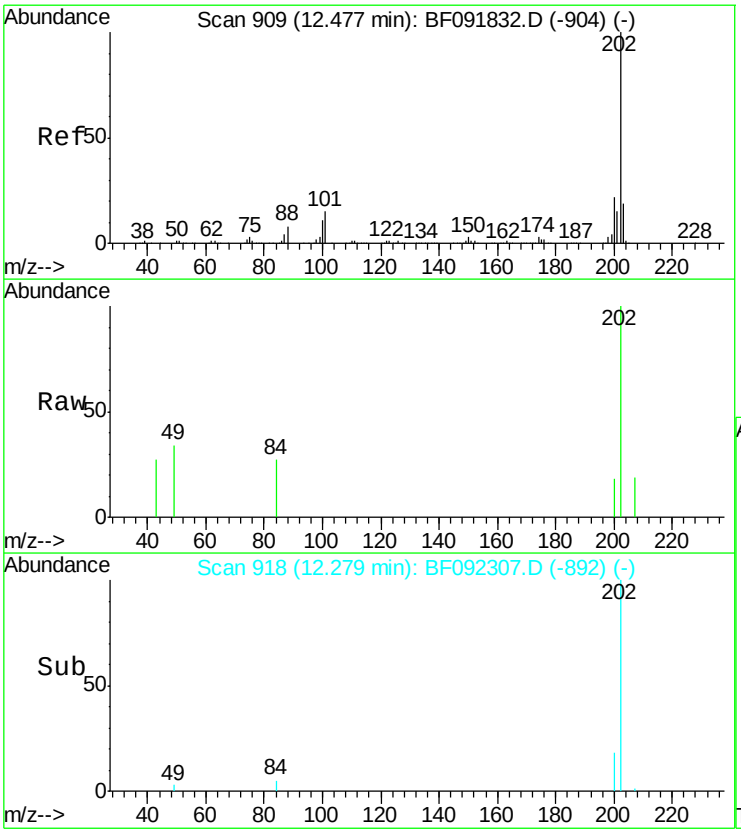
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.65 min Scan# 863
Delta R.T. -0.00 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion:149 Resp: 3358

Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.1	12.1
104	0.0	4.6	7.0#

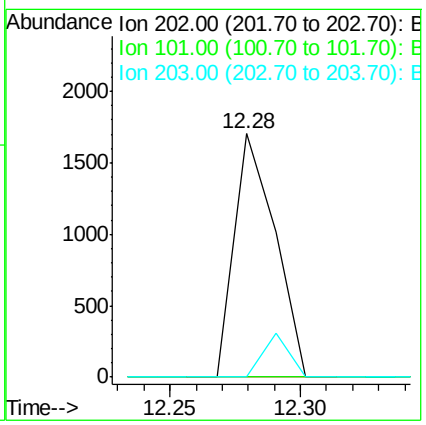


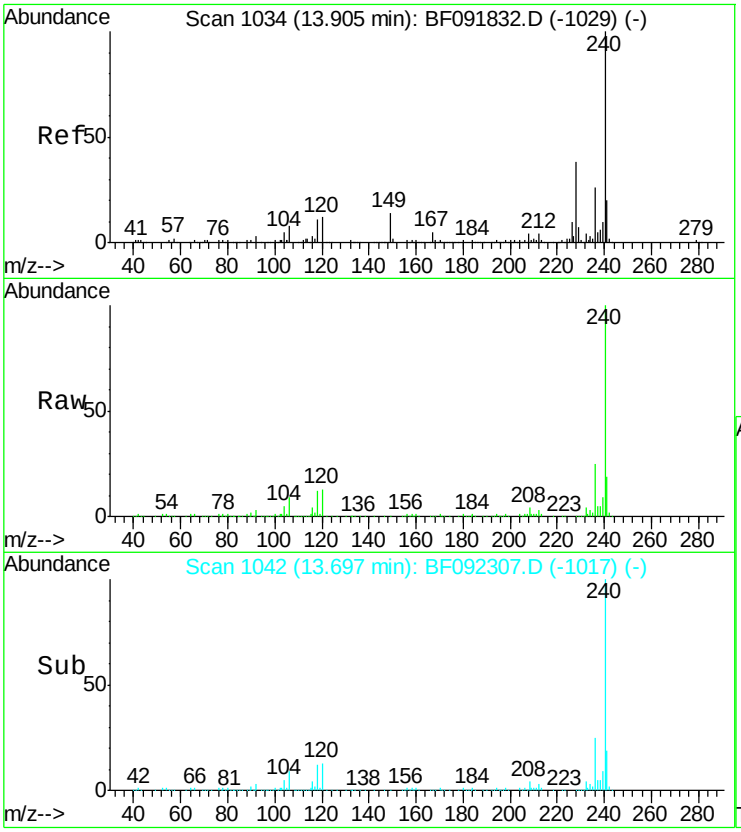


#74
Fluoranthene
Concen: Below Cal
RT: 12.28 min Scan# 918
Delta R.T. -0.00 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Tgt Ion:202 Resp: 1866

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



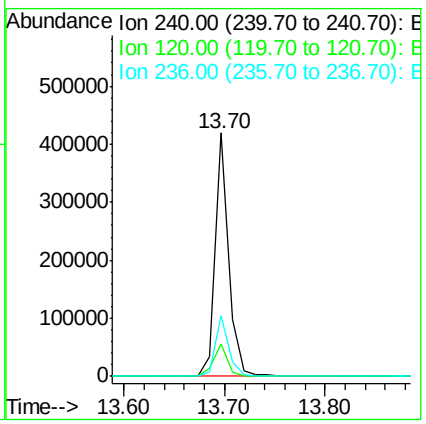


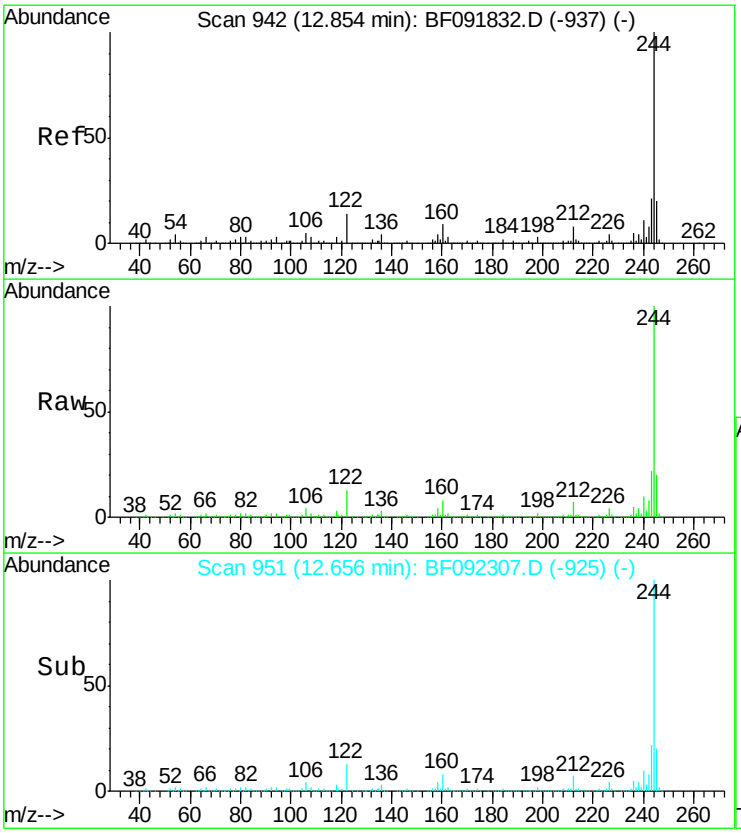
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion:240 Resp: 389762

Ion	Ratio	Lower	Upper
240	100		
120	13.3	12.9	19.3
236	25.0	20.9	31.3

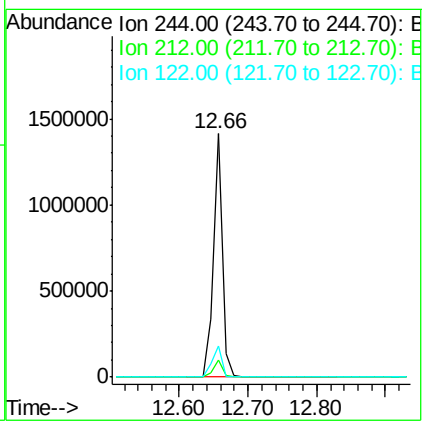


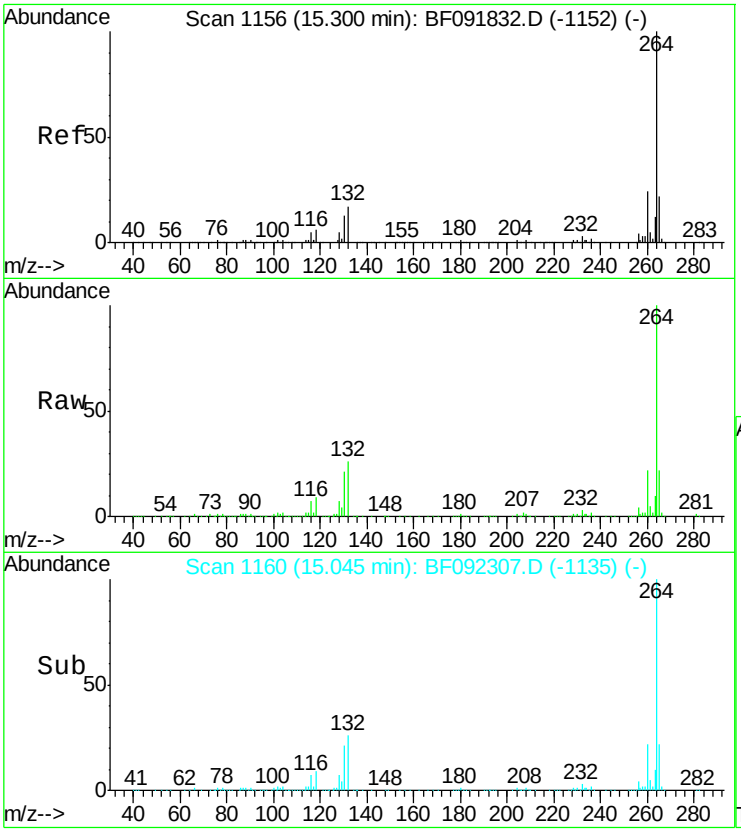


#78
Terphenyl-d14
Concen: 81.33 ng
RT: 12.66 min Scan# 951
Delta R.T. -0.00 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Tgt Ion:244 Resp: 1307038

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.2	9.2
122	12.9	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF092307.D
Acq: 17 Jan 2017 3:45

Instrument :
BNA_F
ClientSampleId :
PB96012TB

Tgt Ion:264 Resp: 410438

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.2	28.8
265	21.7	17.4	26.0