Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020817\
Data File : BF092871.D
Acq On : 8 Feb 2017 23:30
Operator : SJ/MA
Sample : I1751-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF-COMP

Quant Time: Feb 09 00:42:03 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 23:48:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	145311	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	589501	20.00	ng		-0.01
38) Acenaphthene-d10	9.93	164	309310	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	532195	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	490046	20.00	ng		-0.01
86) Perylene-d12	15.51	264	385258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1236165	145.95	ng		0.02
7) Phenol-d6	6.53	99	1489134	136.64	ng		0.00
23) Nitrobenzene-d5	7.46	82	918692	86.78	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	362812	162.18	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1658567	97.14	ng		-0.01
78) Terphenyl-d14	13.01	244	1865691	89.46	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	27023	3.46	ng		85
19) n-Nitroso-di-n-propylamine	7.46	70	119085	17.17	ng	#	81
25) Isophorone	7.46	82	916930	46.48	ng	#	65
50) 2,6-Dinitrotoluene	9.93	165	39970	8.88	ng	#	30
56) 2,4-Dinitrotoluene	9.93	165	39963	6.67	ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.73	198	930	2.94	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	27290	4.91	ng	#	1

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

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Acq On : 8 Feb 2017 23:30
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BNA_F
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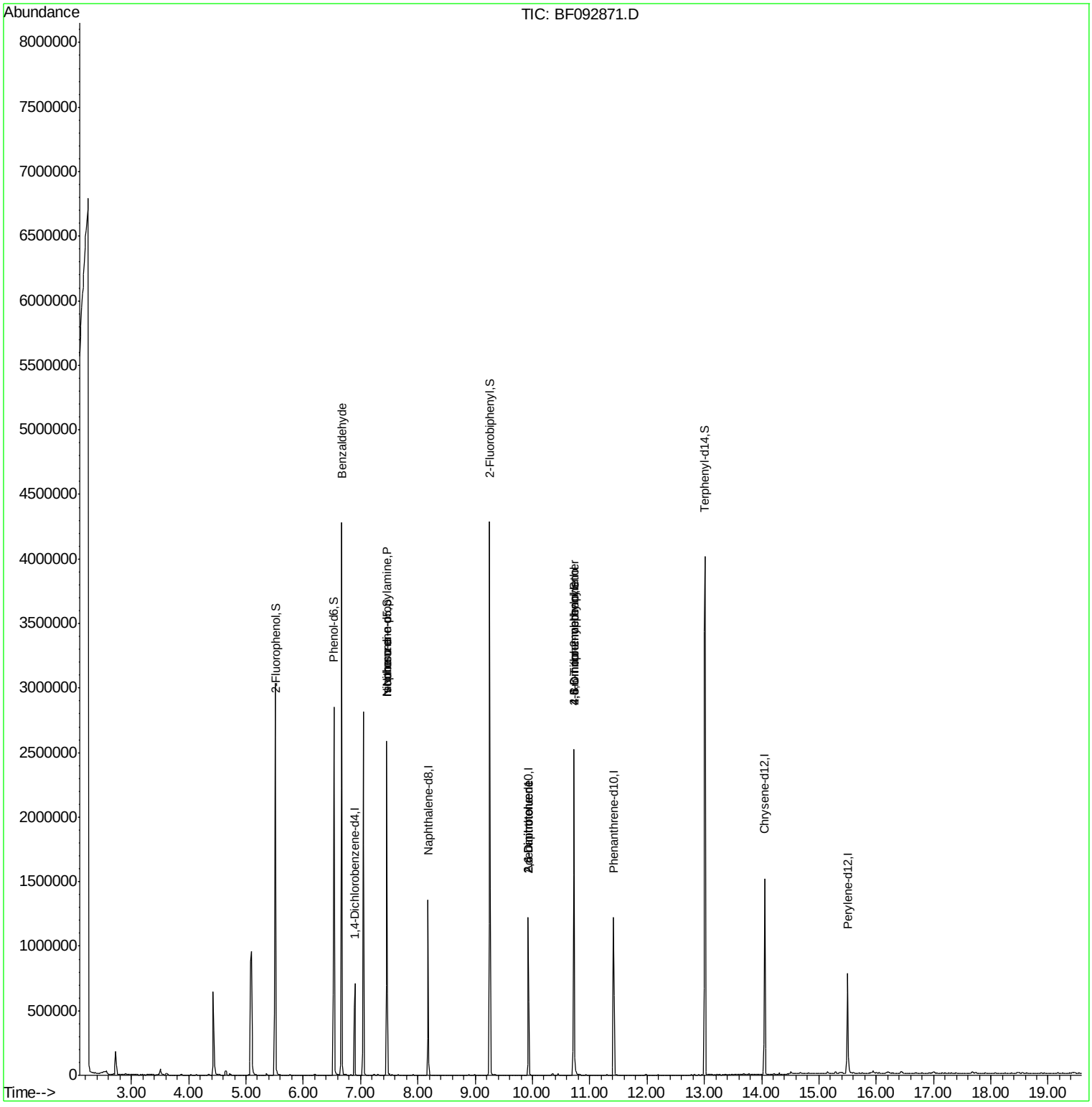
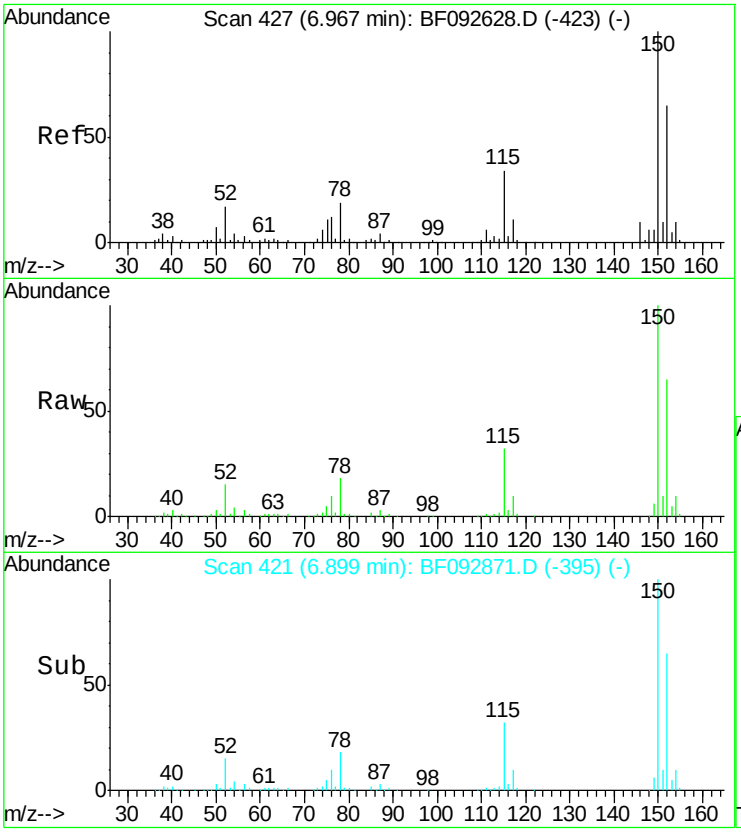


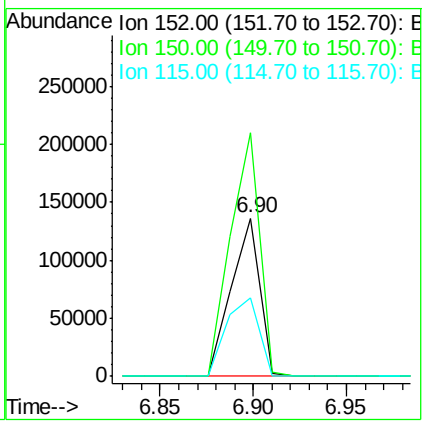


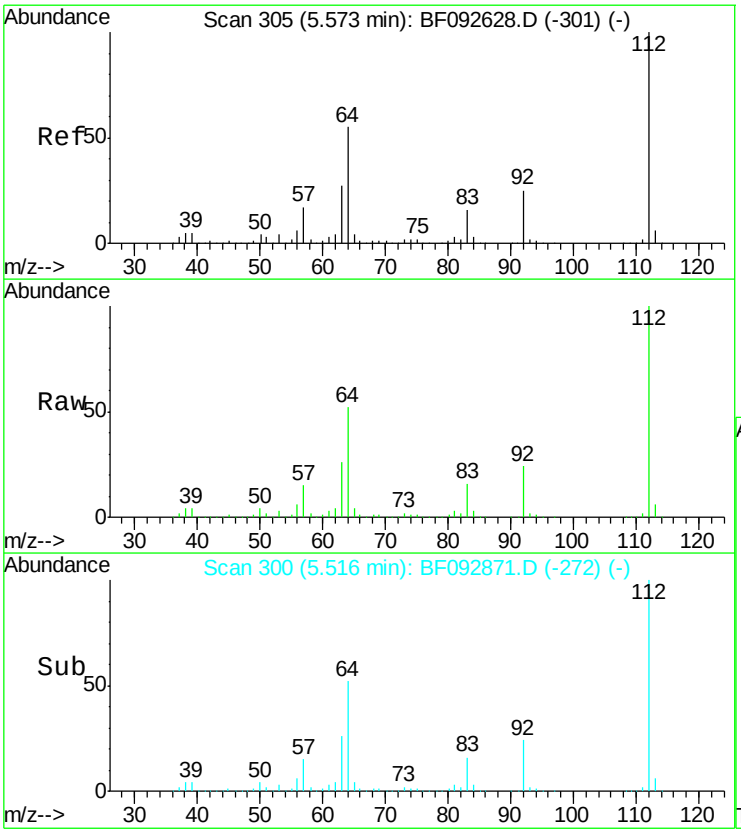
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.00 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:152 Resp: 145311

Ion	Ratio	Lower	Upper
152	100		
150	154.1	124.9	187.3
115	49.5	46.0	69.0

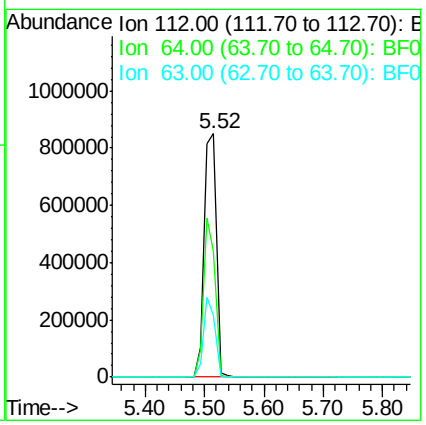


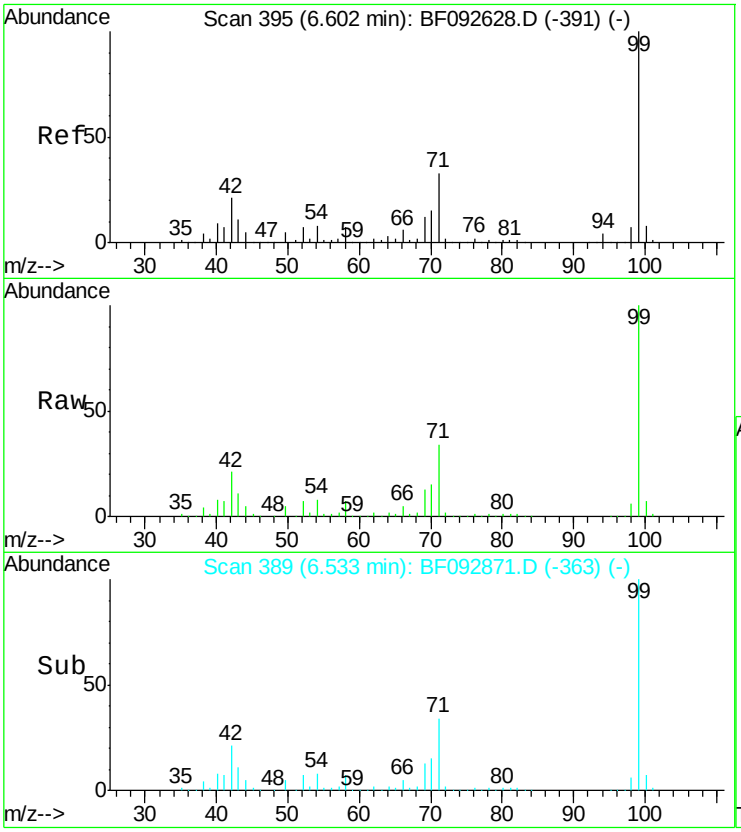


#5
2-Fluorophenol
Concen: 145.95 ng
RT: 5.52 min Scan# 300
Delta R.T. 0.02 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Tgt Ion:112 Resp: 1236165

Ion	Ratio	Lower	Upper
112	100		
64	51.7	46.1	69.1
63	25.5	23.8	35.6



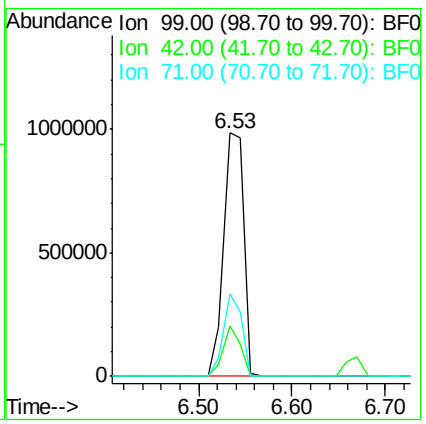


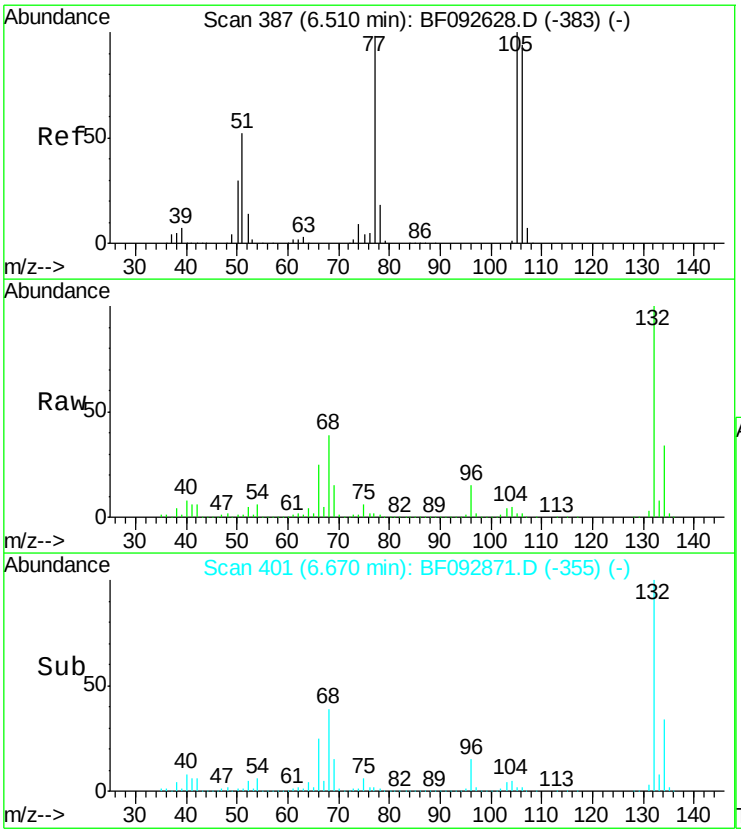
#7
Phenol-d6
Concen: 136.64 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.00 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion: 99 Resp: 1489134

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.6	23.4
71	33.8	27.5	41.3

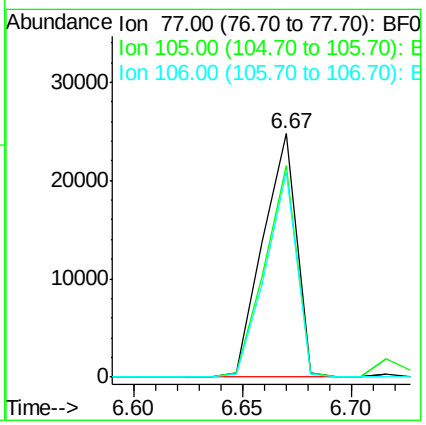


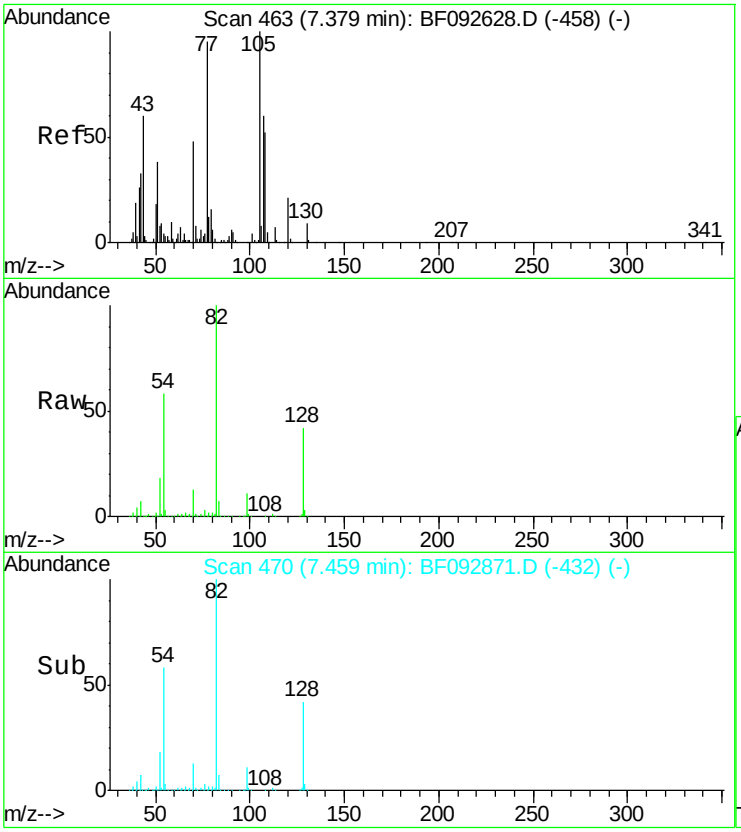


#9
Benzaldehyde
Concen: 3.46 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.23 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Tgt Ion: 77 Resp: 27023

Ion	Ratio	Lower	Upper
77	100		
105	86.9	83.9	123.9
106	84.5	77.6	117.6



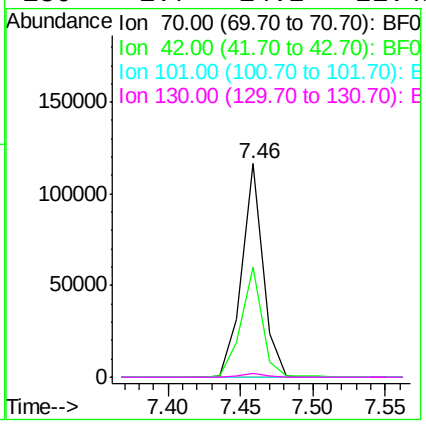


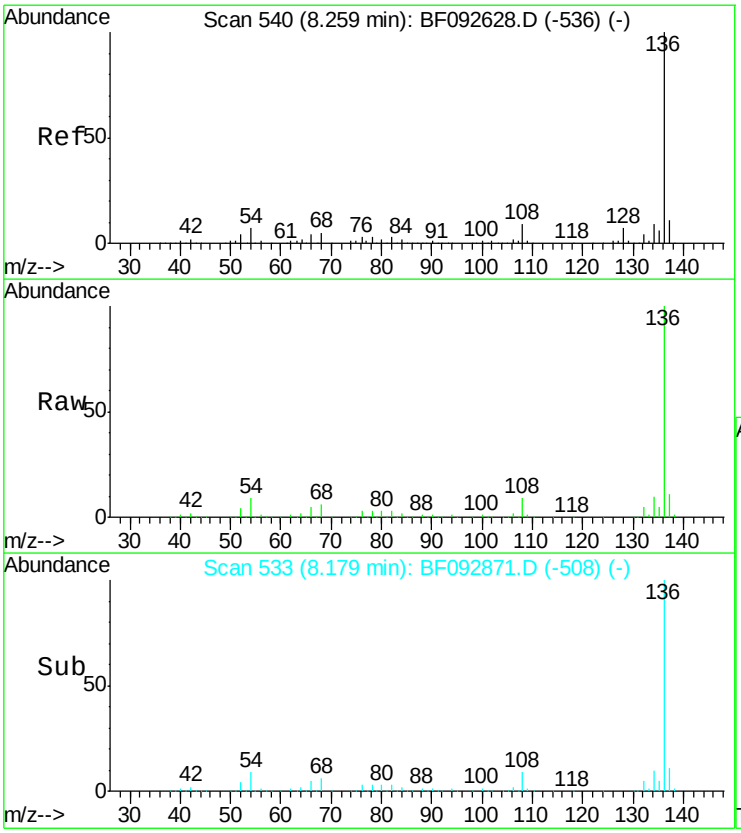
#19
n-Nitroso-di-n-propylamine
Concen: 17.17 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.14 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion: 70 Resp: 119085

Ion	Ratio	Lower	Upper
70	100		
42	51.5	49.4	74.0
101	0.0	7.4	11.2#
130	1.7	14.2	21.4#

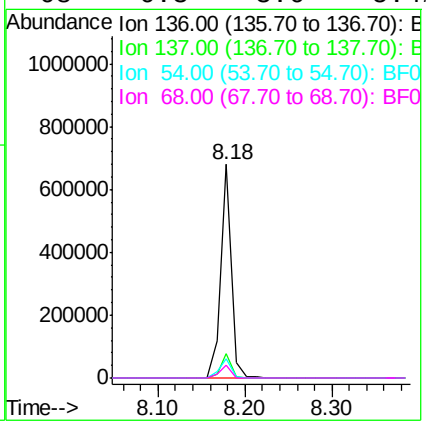


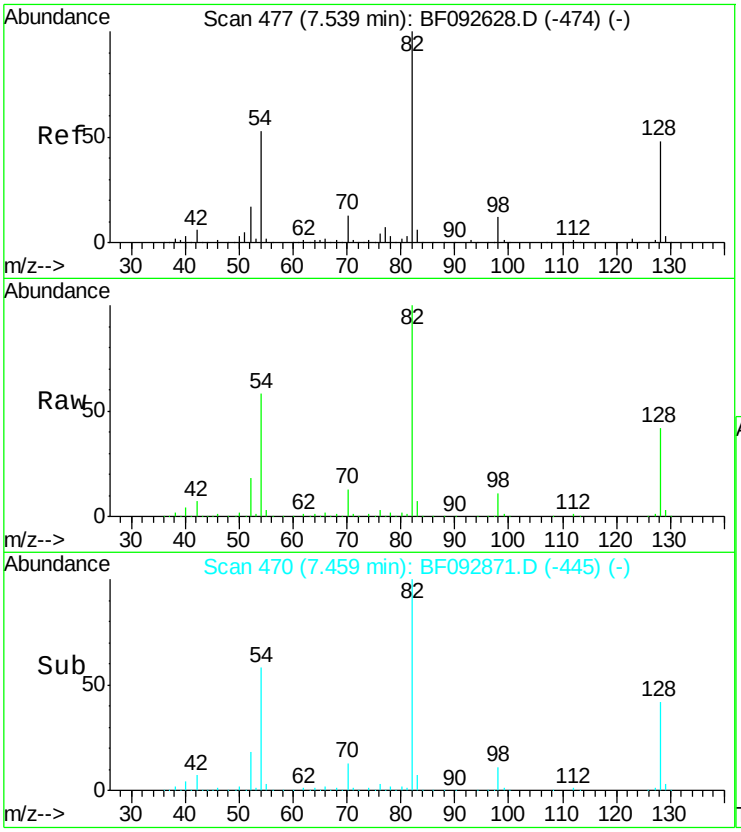


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Tgt Ion:136 Resp: 589501

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	9.0	4.5	6.7#
68	6.3	3.6	5.4#



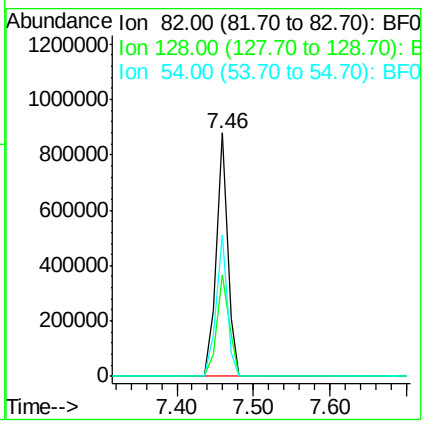


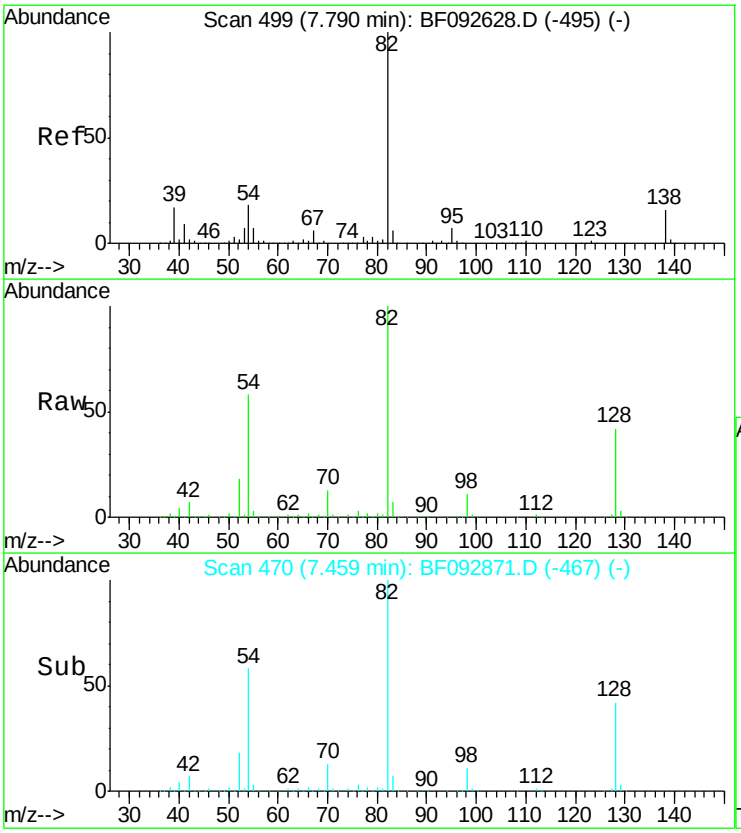
#23
Nitrobenzene-d5
Concen: 86.78 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion: 82 Resp: 918692

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	58.1	39.5	59.3

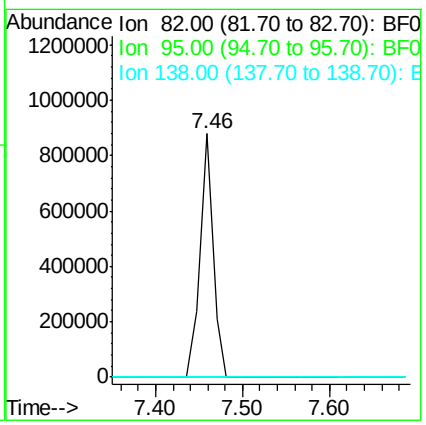


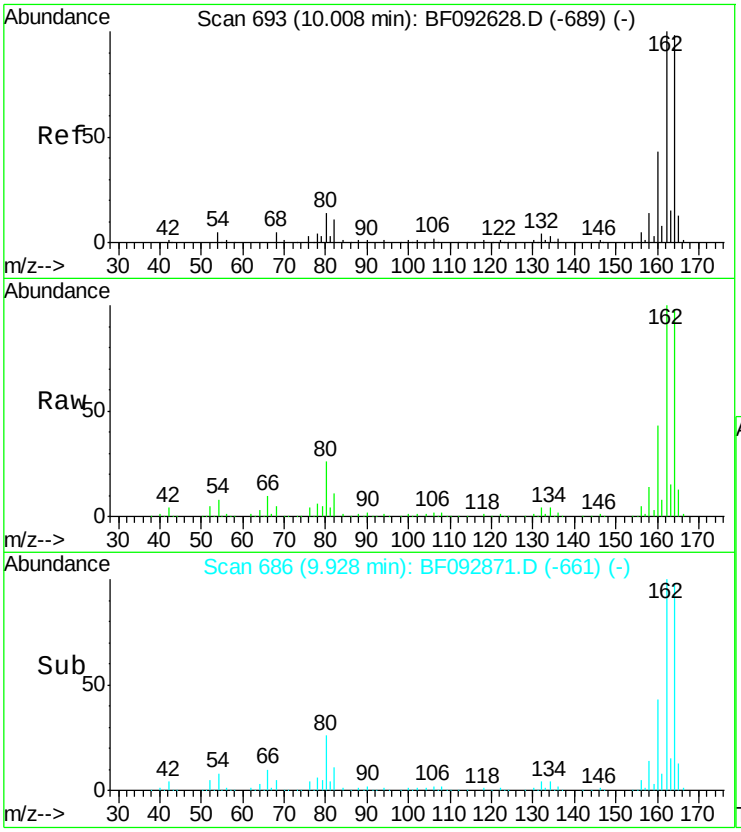


#25
Isophorone
Concen: 46.48 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.26 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Tgt Ion: 82 Resp: 916930

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



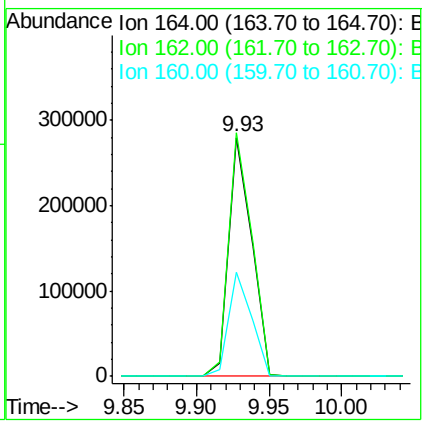


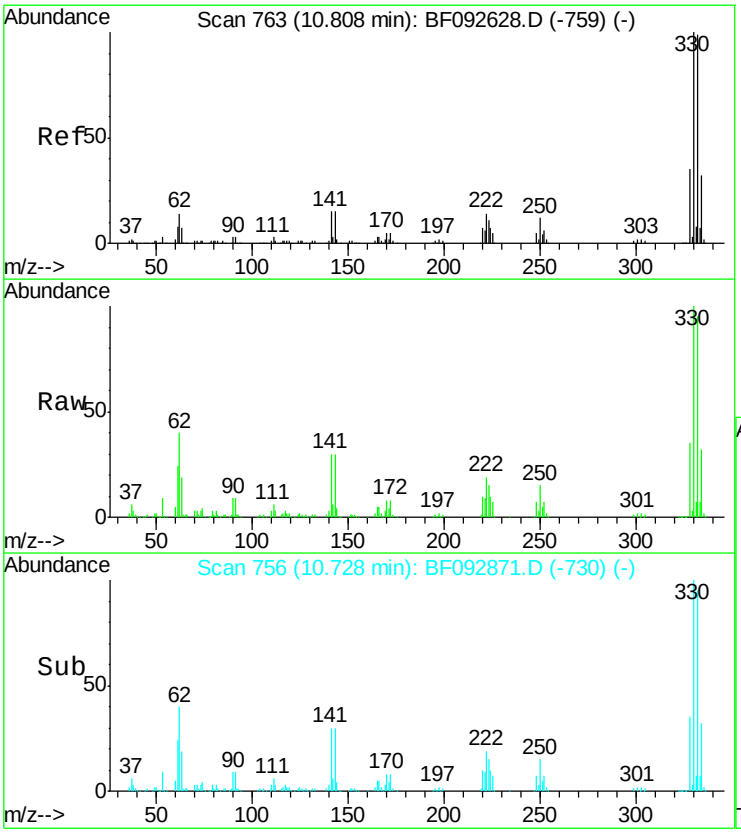
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.01 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:164 Resp: 309310

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.2	120.2
160	43.4	36.9	55.3

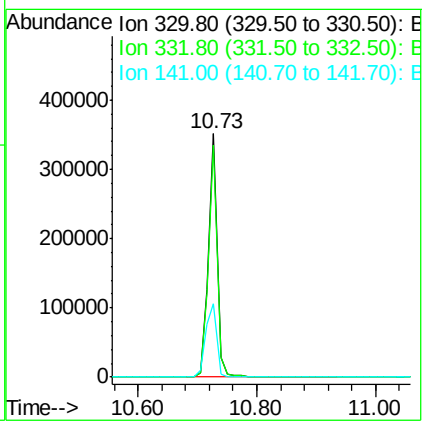


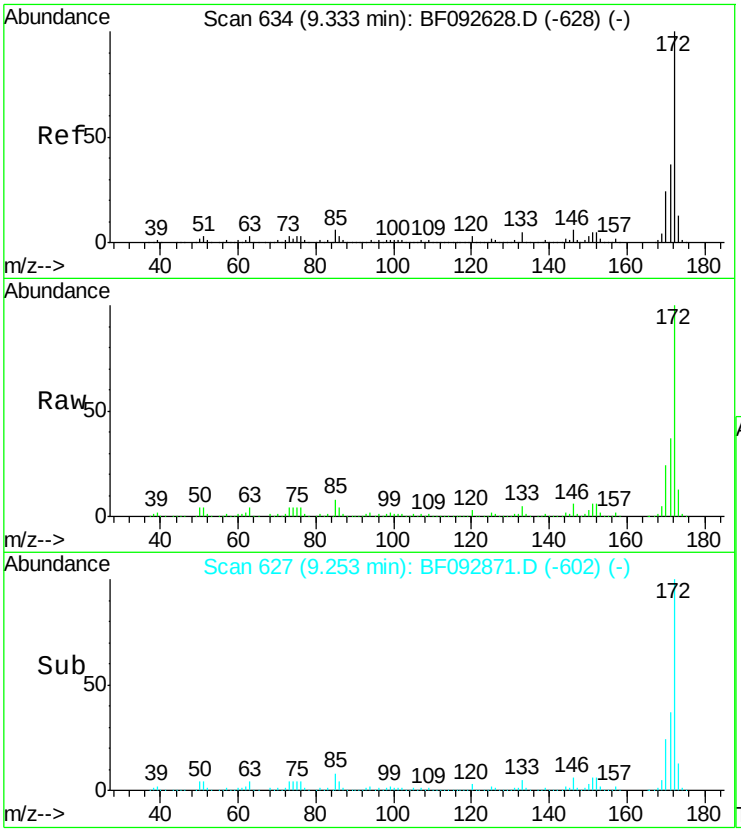


#41
2,4,6-Tribromophenol
Concen: 162.18 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.00 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Tgt Ion:330 Resp: 362812

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	37.5	34.1	51.1



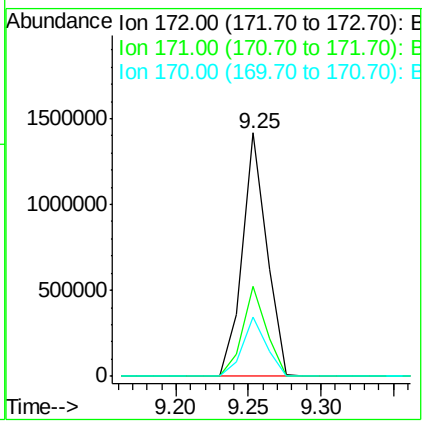


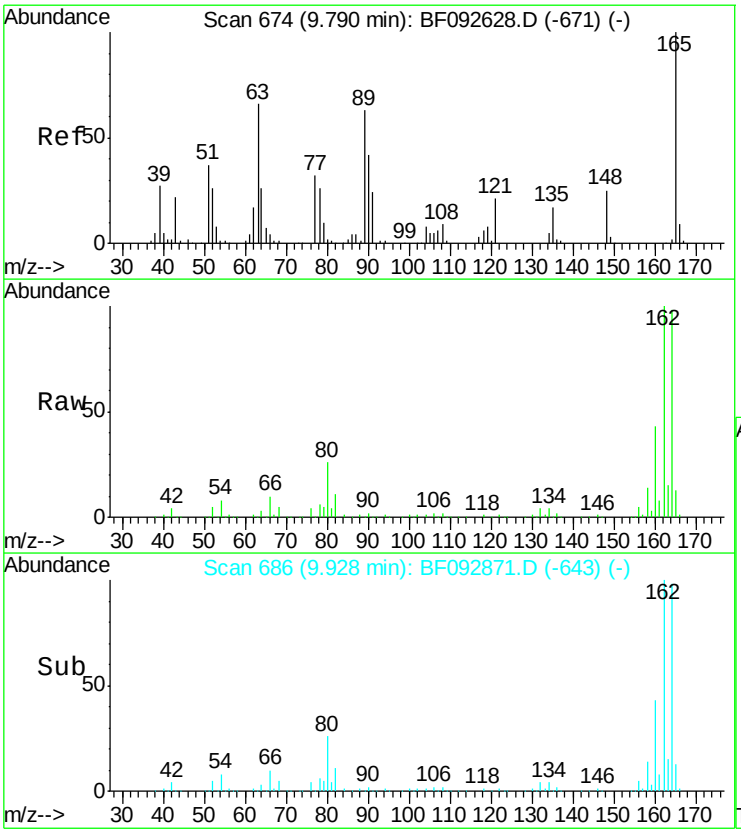
#44
2-Fluorobiphenyl
Concen: 97.14 ng
RT: 9.25 min Scan# 627
Delta R.T. -0.01 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:172 Resp: 1658567

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.5	20.2	30.4

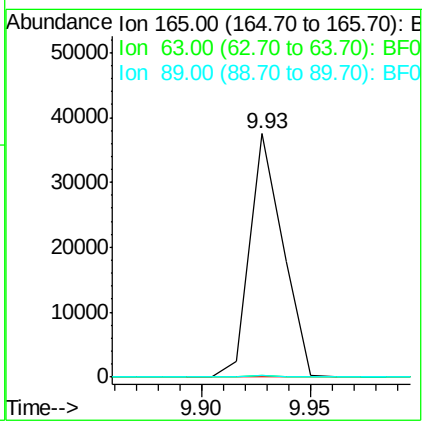


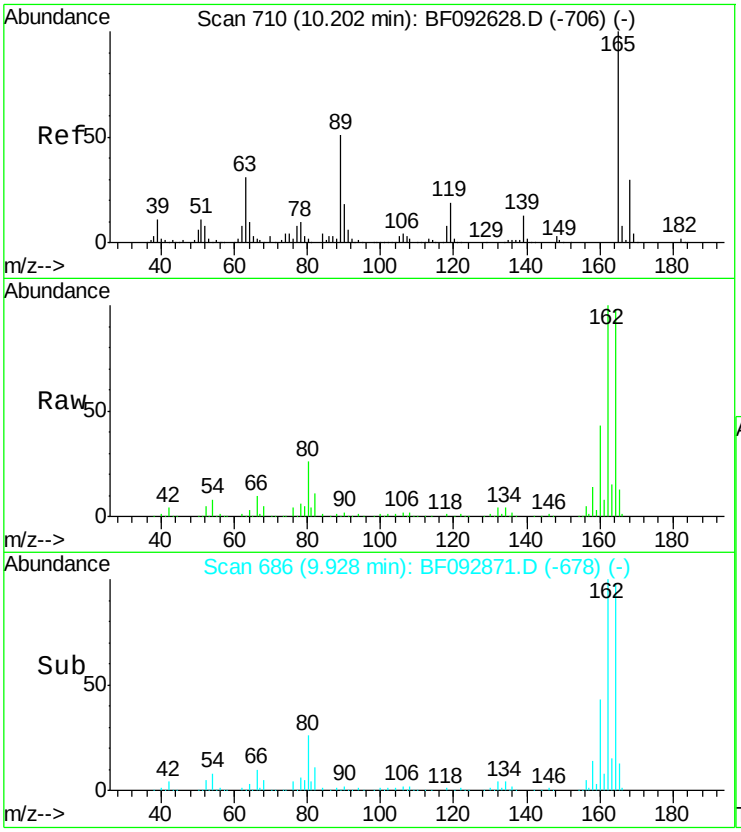


#50
2,6-Dinitrotoluene
Concen: 8.88 ng
RT: 9.93 min Scan# 686
Delta R.T. 0.19 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Tgt Ion:165 Resp: 39970

Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	0.8	40.2	60.4#



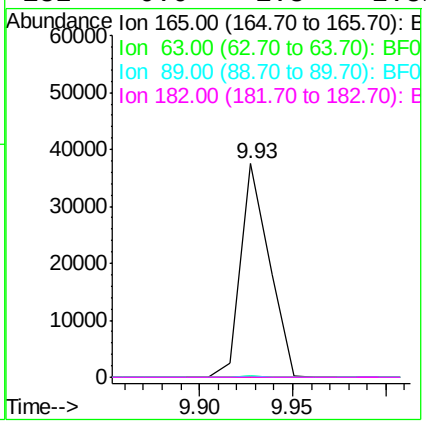


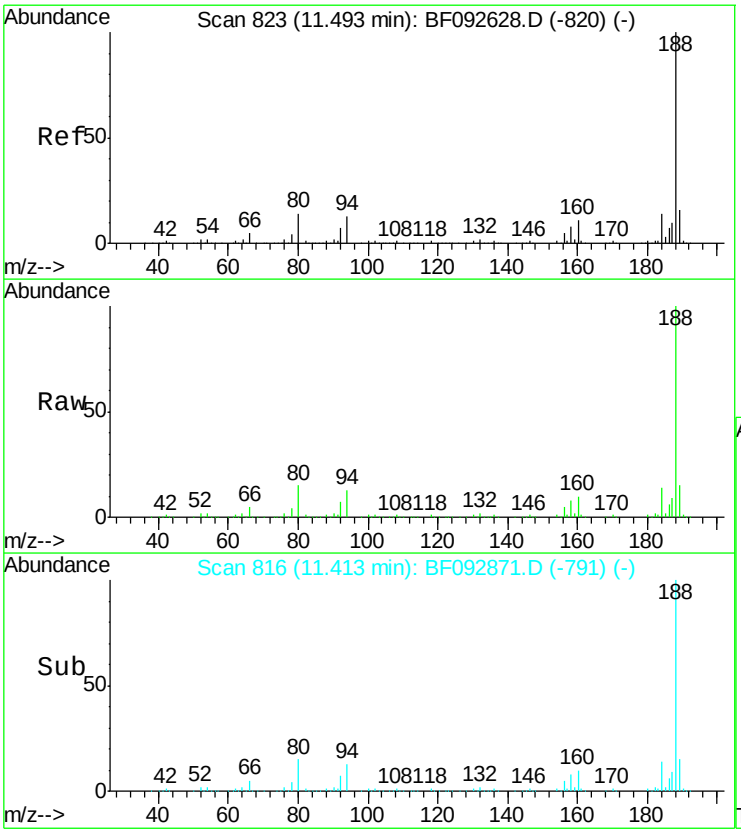
#56
2,4-Dinitrotoluene
Concen: 6.67 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.21 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:165 Resp: 39963

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

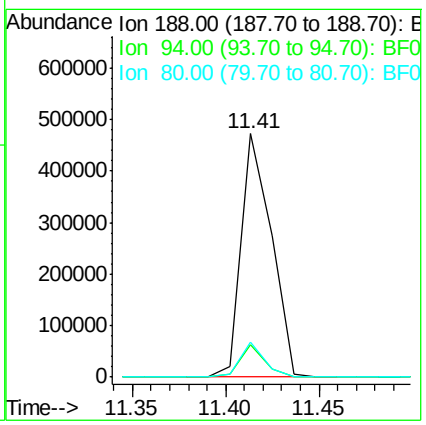


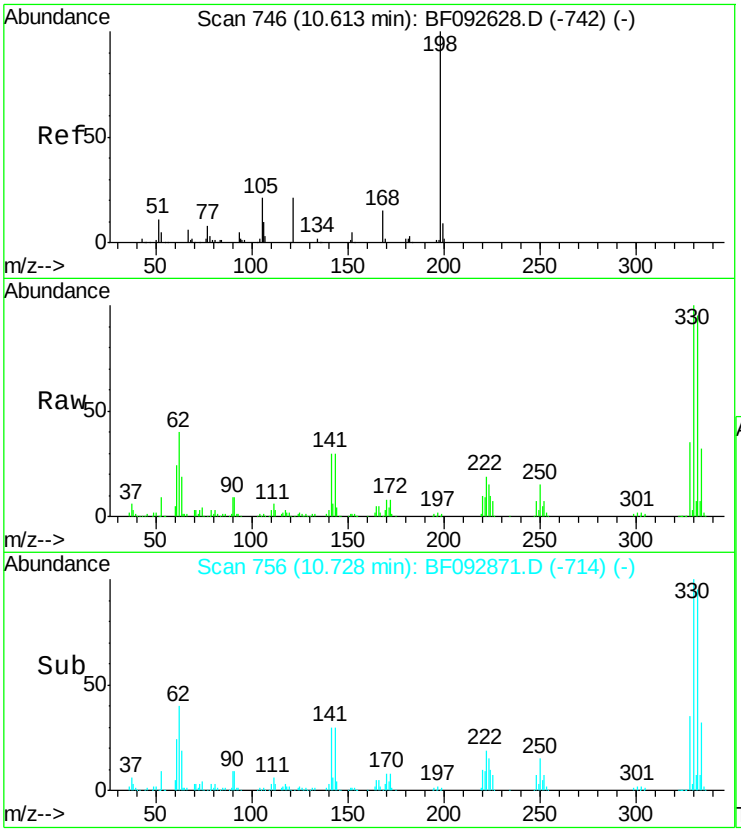


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Tgt Ion:188 Resp: 532195

Ion	Ratio	Lower	Upper
188	100		
94	13.4	10.0	15.0
80	14.6	11.2	16.8



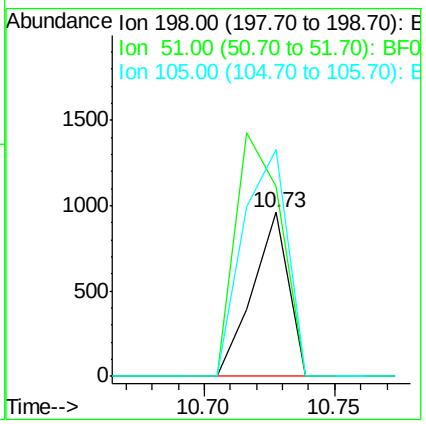


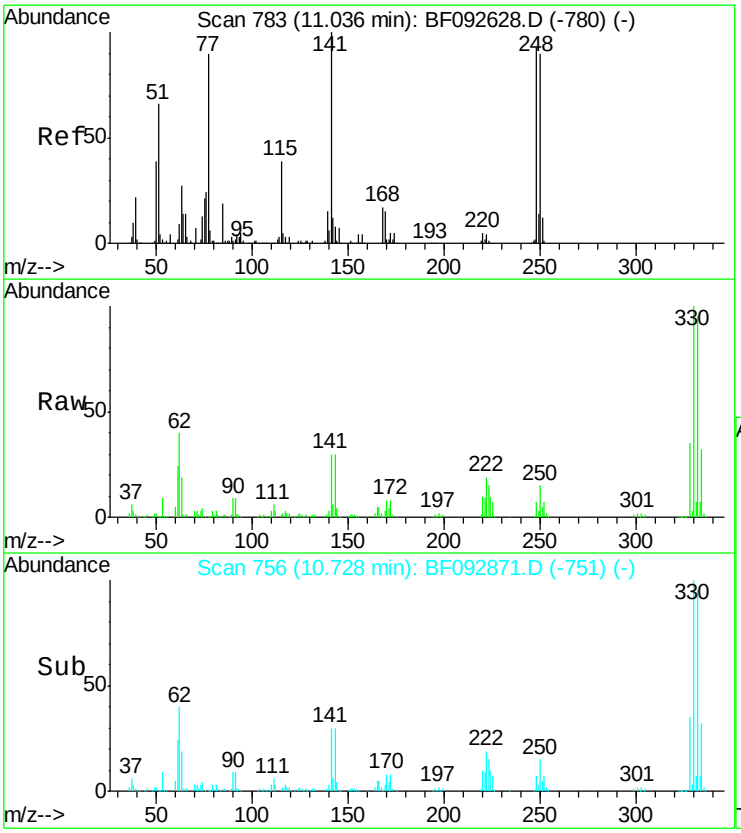
#64
4,6-Dinitro-2-methylphenol
Concen: 2.94 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.18 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:198 Resp: 930

Ion	Ratio	Lower	Upper
198	100		
51	115.6	6.7	46.7#
105	138.4	16.6	56.6#

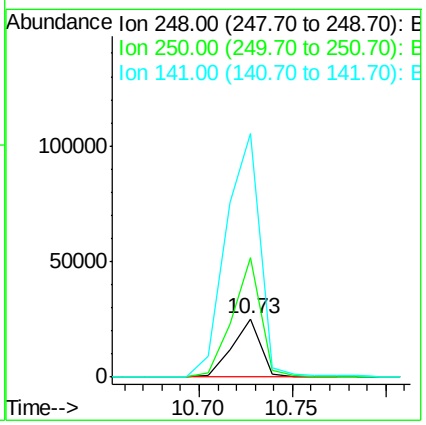


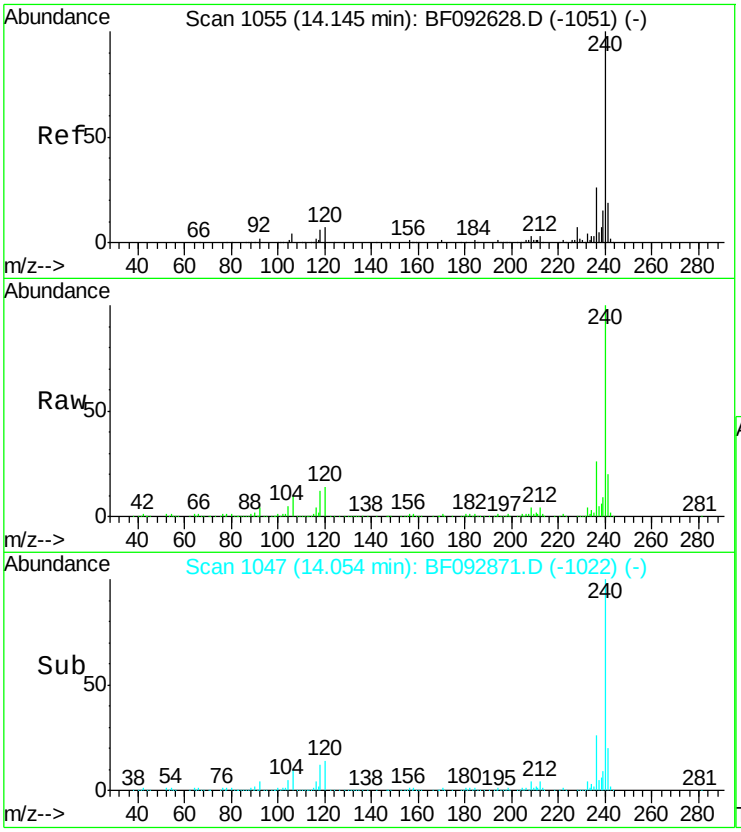


#66
4-Bromophenyl-phenylether
Concen: 4.91 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.24 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Tgt Ion:248 Resp: 27290

Ion	Ratio	Lower	Upper
248	100		
250	204.8	76.9	115.3#
141	417.9	68.2	102.4#



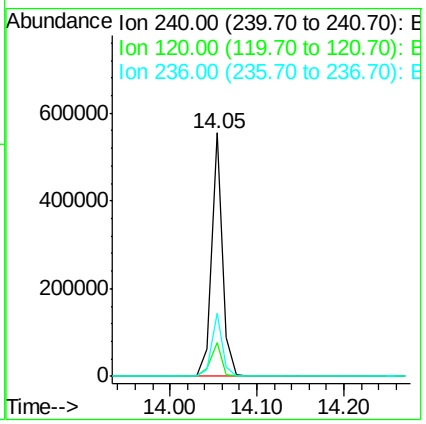


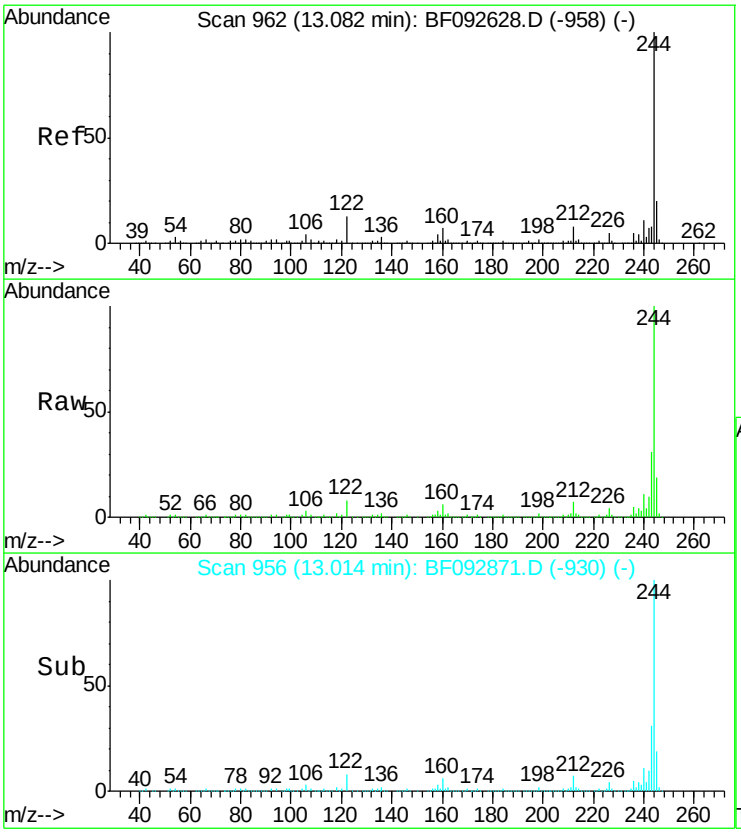
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:240 Resp: 490046

Ion	Ratio	Lower	Upper
240	100		
120	13.9	12.9	19.3
236	26.1	20.9	31.3

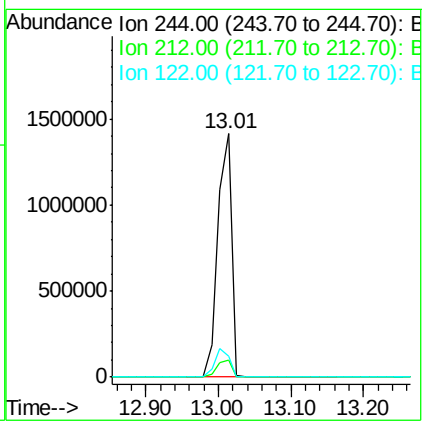


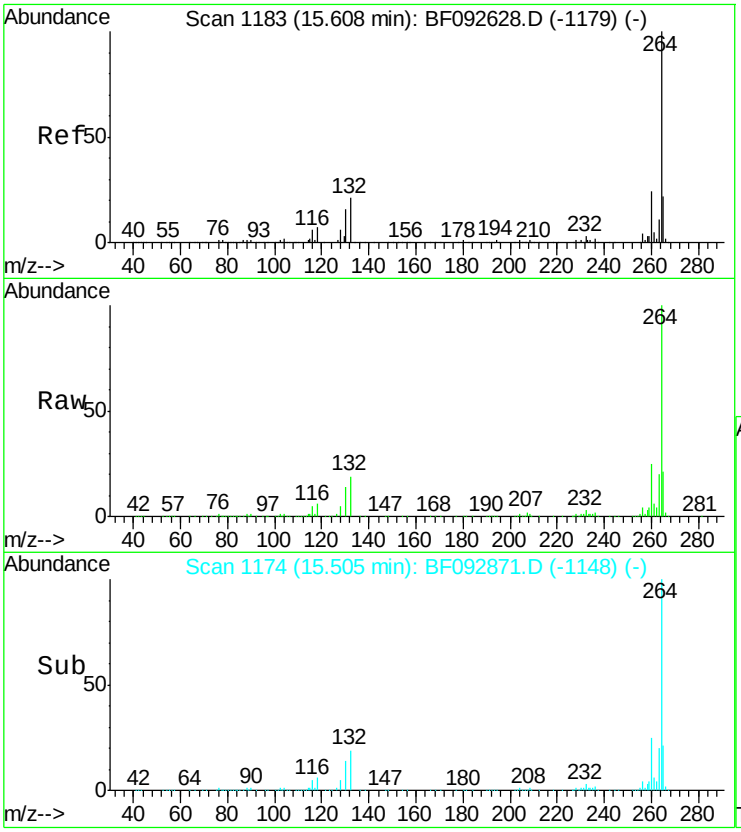


#78
Terphenyl-d14
Concen: 89.46 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.00 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Tgt Ion:244 Resp: 1865691

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.2	9.2
122	8.4	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BF092871.D
Acq: 8 Feb 2017 23:30

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:264 Resp: 385258

Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	21.4	17.4	26.0