Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
Data File : BF092884.D
Acq On : 10 Feb 2017 15:51
Operator : SJ/MA
Sample : PB96853BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96853BL

Quant Time: Feb 10 23:02:51 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	183199	20.00	ng		-0.07
21) Naphthalene-d8	8.18	136	745093	20.00	ng		-0.08
38) Acenaphthene-d10	9.94	164	430003	20.00	ng		-0.07
63) Phenanthrene-d10	11.42	188	733104	20.00	ng		-0.07
75) Chrysene-d12	14.05	240	604247	20.00	ng		-0.09
86) Perylene-d12	15.51	264	510407	20.00	ng		-0.10
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1219510	114.20	ng		-0.07
7) Phenol-d6	6.53	99	1446205	105.26	ng		-0.07
23) Nitrobenzene-d5	7.46	82	920724	68.81	ng		-0.08
41) 2,4,6-Tribromophenol	10.73	330	330002	106.11	ng		-0.08
44) 2-Fluorobiphenyl	9.26	172	1829281	77.07	ng		-0.07
78) Terphenyl-d14	13.01	244	1637345	63.67	ng		-0.07
Target Compounds							Qvalue
9) Benzaldehyde	6.67	77	27125	2.76	ng		88
19) n-Nitroso-di-n-propylamine	7.46	70	120756	13.81	ng	#	83
25) Isophorone	7.46	82	910109	36.50	ng	#	65
50) 2,6-Dinitrotoluene	9.94	165	55996	8.95	ng	#	30
56) 2,4-Dinitrotoluene	9.94	165	55987	6.72	ng	#	19
64) 4,6-Dinitro-2-methylphenol	10.73	198	780	2.83	ng	#	1
66) 4-Bromophenyl-phenylether	10.73	248	24552	3.21	ng	#	1

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

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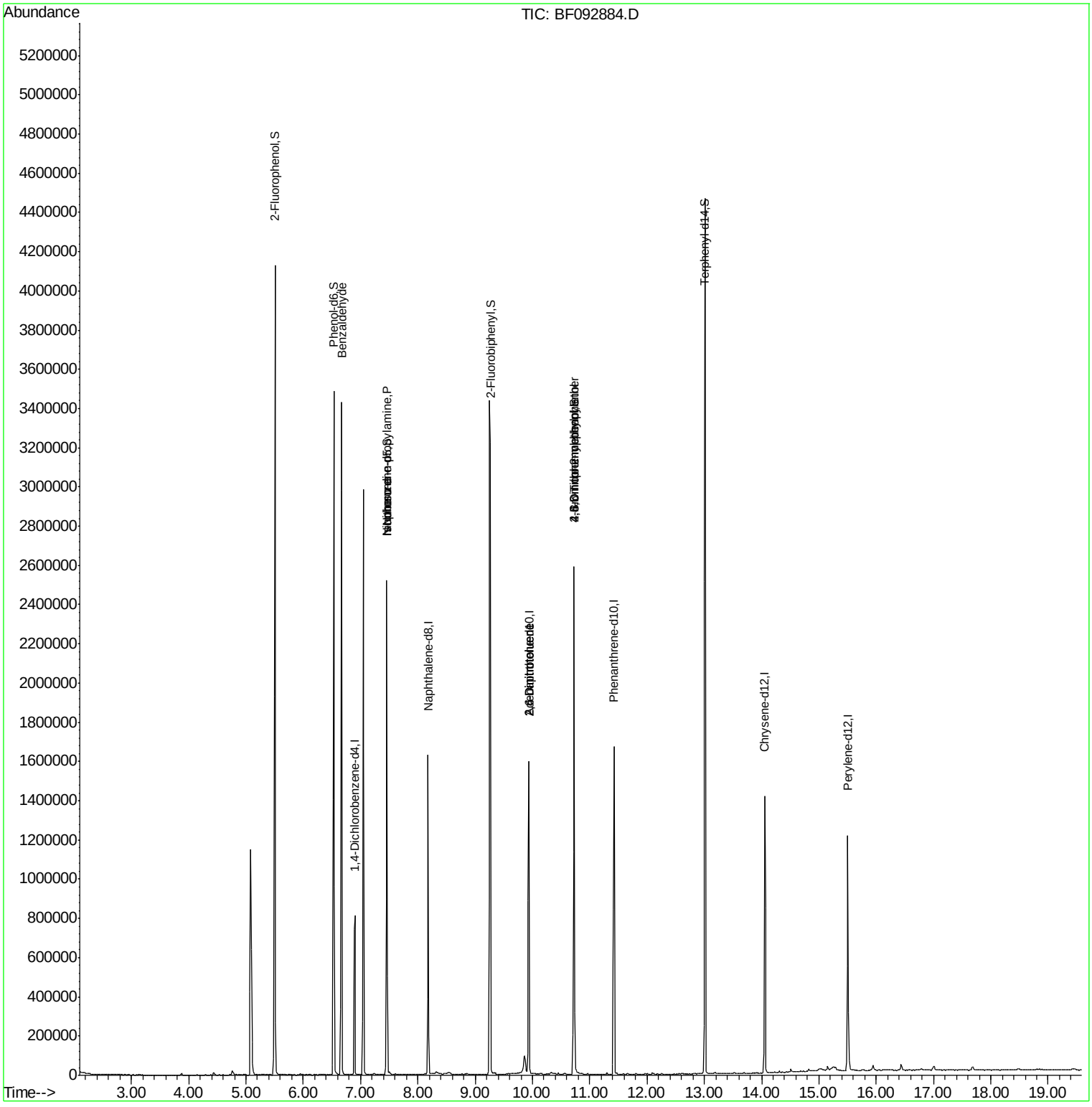
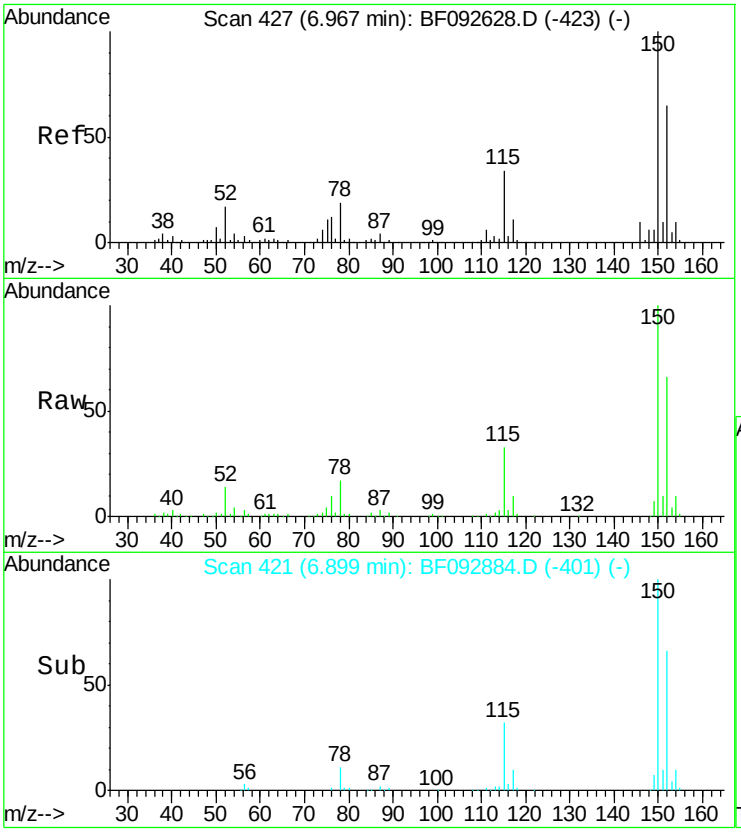


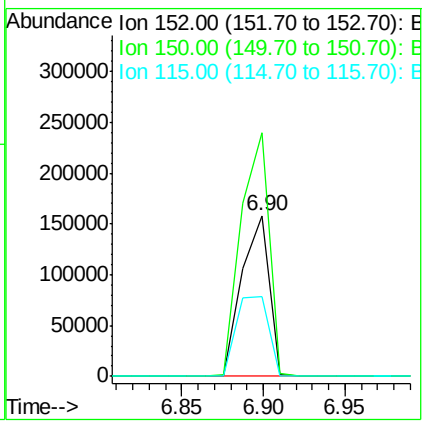


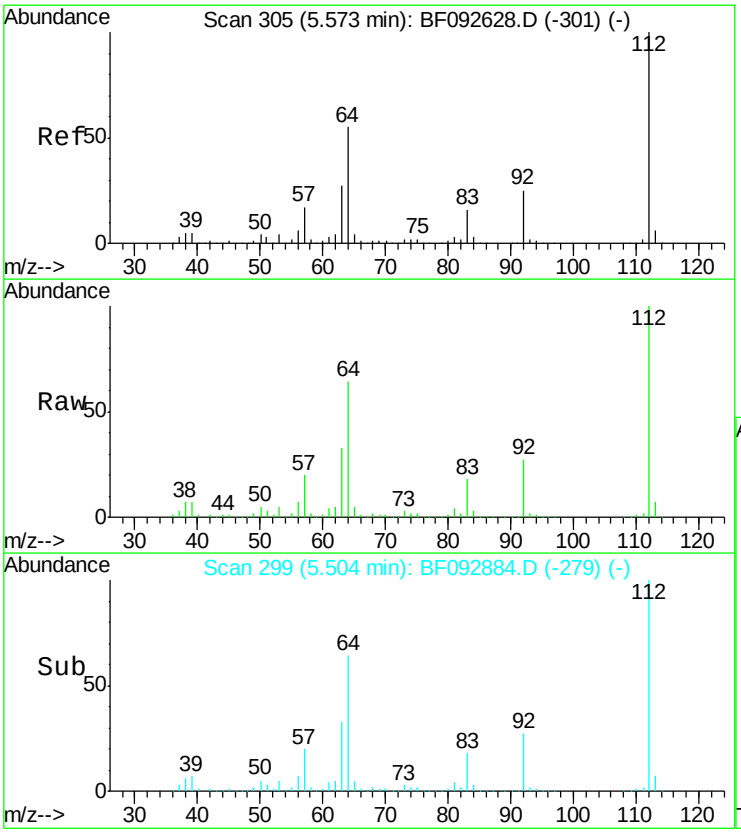
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.07 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96853BL

Tgt Ion:152 Resp: 183199

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.9	187.3
115	49.4	46.0	69.0

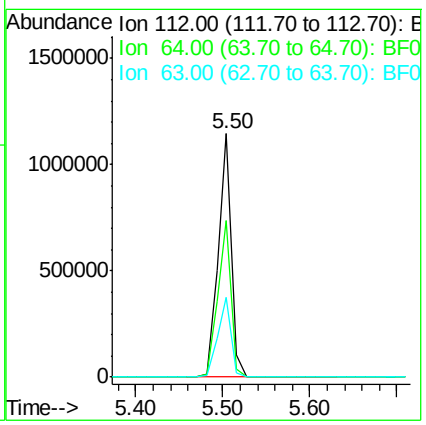


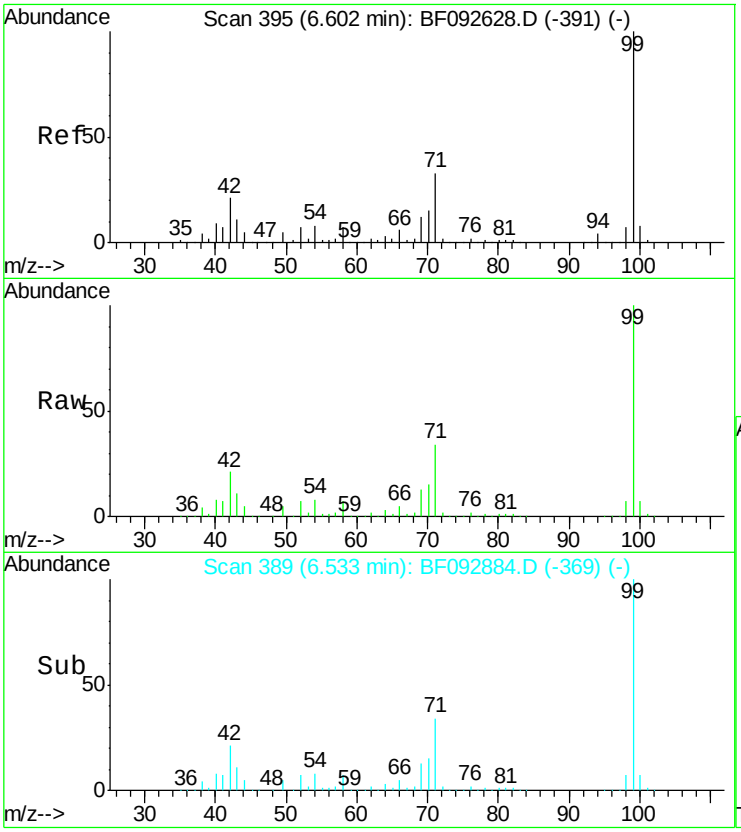


#5
2-Fluorophenol
Concen: 114.20 ng
RT: 5.50 min Scan# 299
Delta R.T. -0.07 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Tgt Ion:112 Resp: 1219510

Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.1	69.1
63	32.6	23.8	35.6



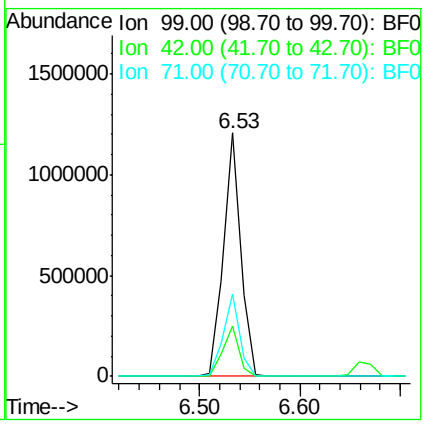


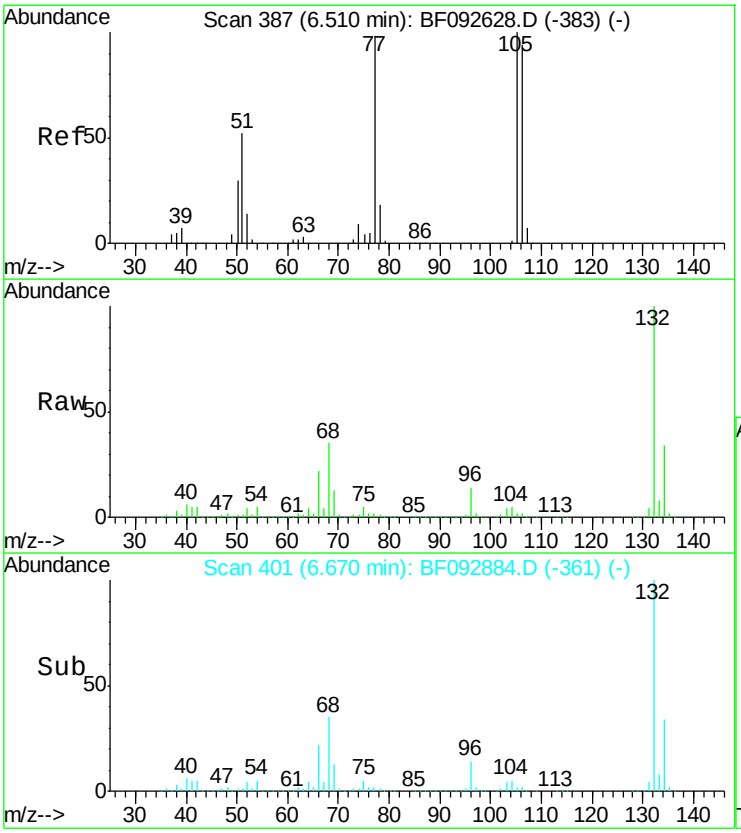
#7
Phenol-d6
Concen: 105.26 ng
RT: 6.53 min Scan# 389
Delta R.T. -0.07 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96853BL

Tgt Ion: 99 Resp: 1446205

Ion	Ratio	Lower	Upper
99	100		
42	20.9	15.6	23.4
71	33.7	27.5	41.3

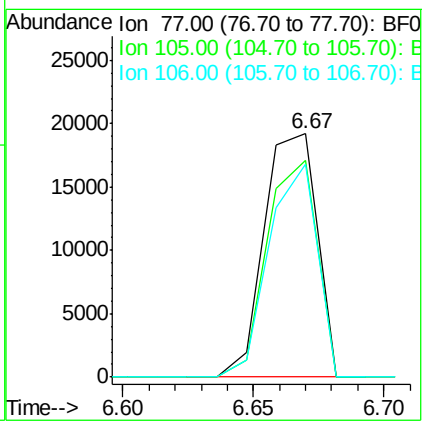


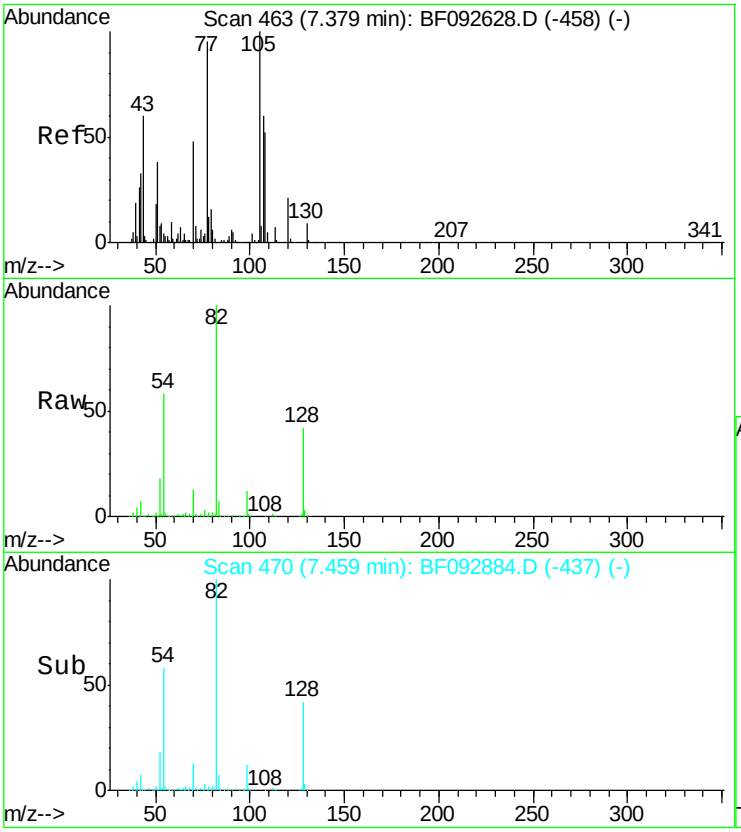


#9
Benzaldehyde
Concen: 2.76 ng
RT: 6.67 min Scan# 401
Delta R.T. 0.16 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Tgt Ion: 77 Resp: 27125

Ion	Ratio	Lower	Upper
77	100		
105	89.3	83.9	123.9
106	87.6	77.6	117.6



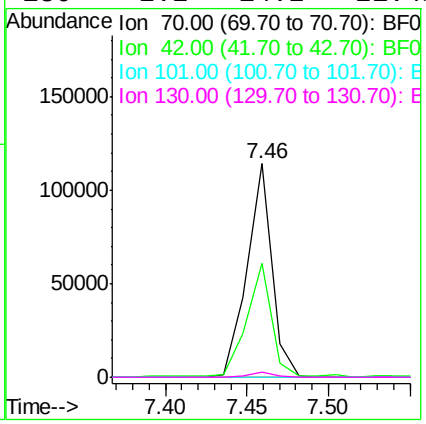


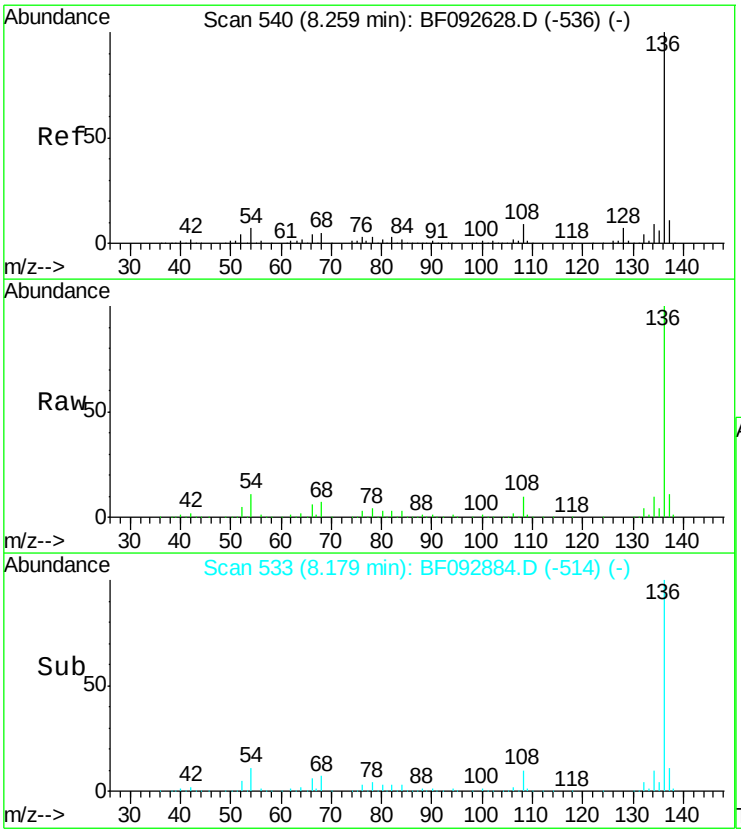
#19
n-Nitroso-di-n-propylamine
Concen: 13.81 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.08 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96853BL

Tgt Ion: 70 Resp: 120756

Ion	Ratio	Lower	Upper
70	100		
42	53.2	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#

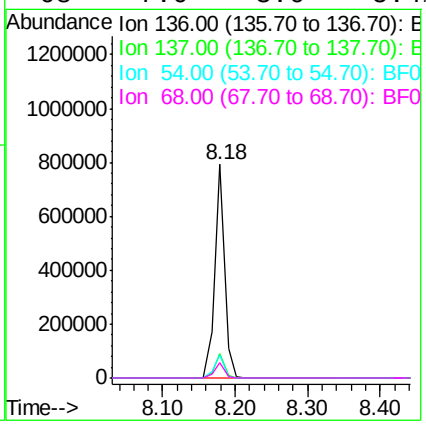


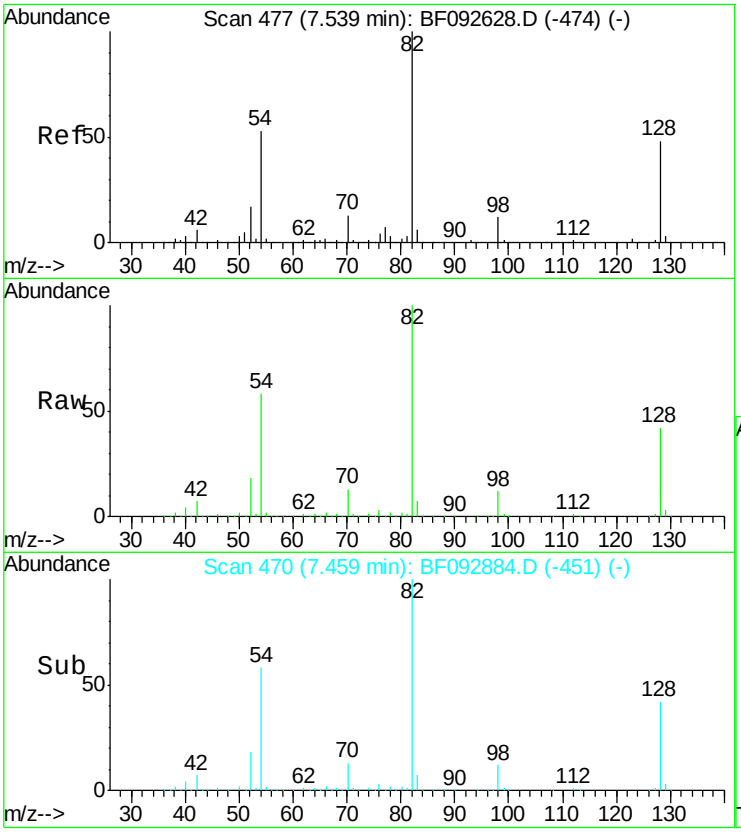


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Tgt Ion:136 Resp: 745093

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	10.5	4.5	6.7#
68	7.0	3.6	5.4#



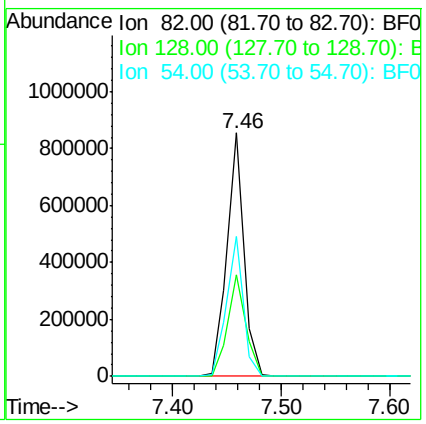


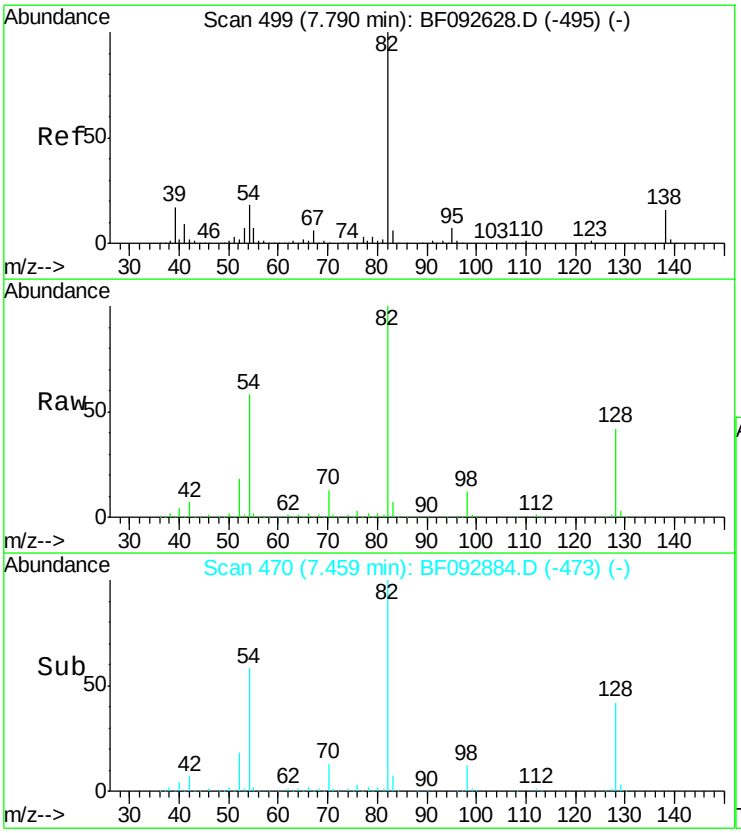
#23
Nitrobenzene-d5
Concen: 68.81 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96853BL

Tgt Ion: 82 Resp: 920724

Ion	Ratio	Lower	Upper
82	100		
128	41.9	34.6	52.0
54	57.6	39.5	59.3

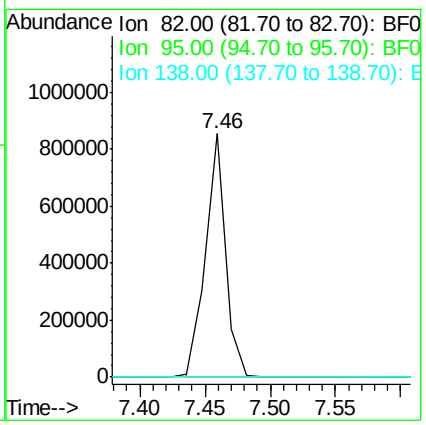


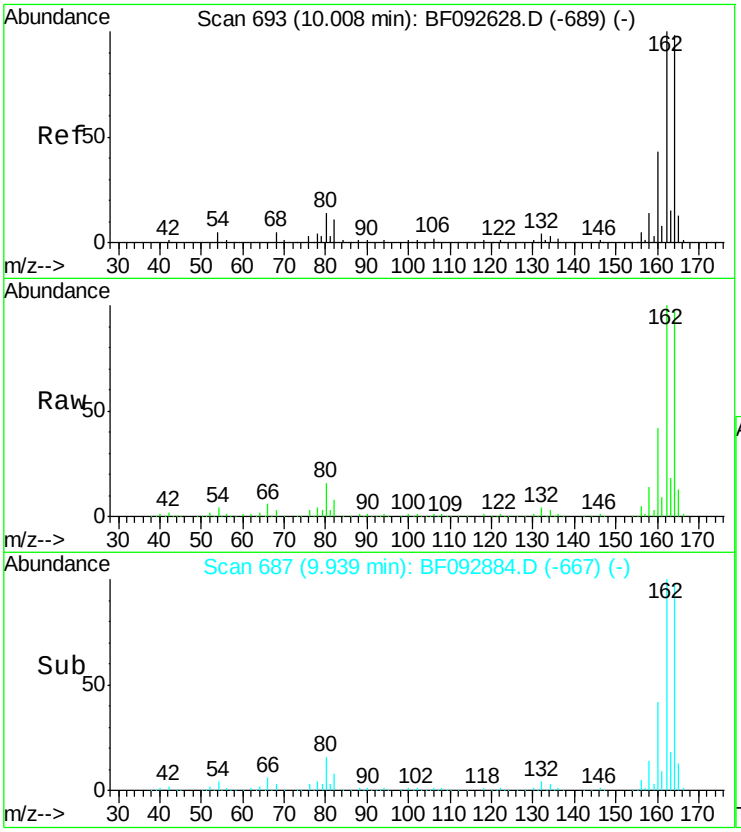


#25
Isophorone
Concen: 36.50 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.33 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Tgt Ion: 82 Resp: 910109

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



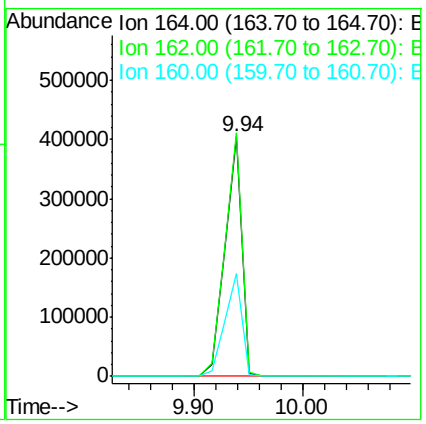


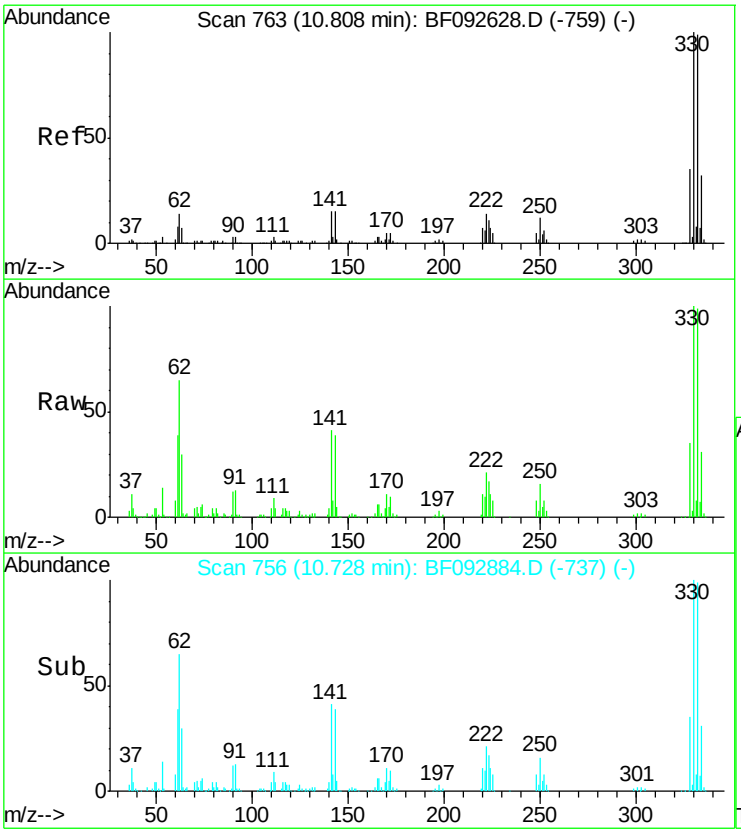
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96853BL

Tgt Ion:164 Resp: 430003

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.2	120.2
160	42.9	36.9	55.3

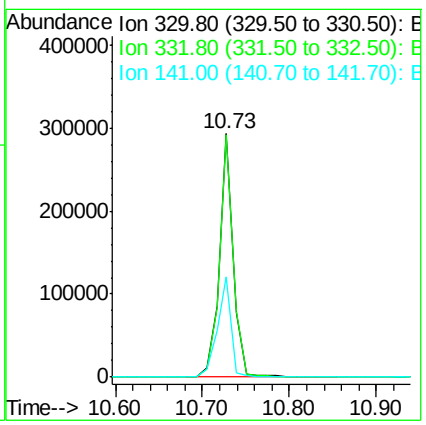


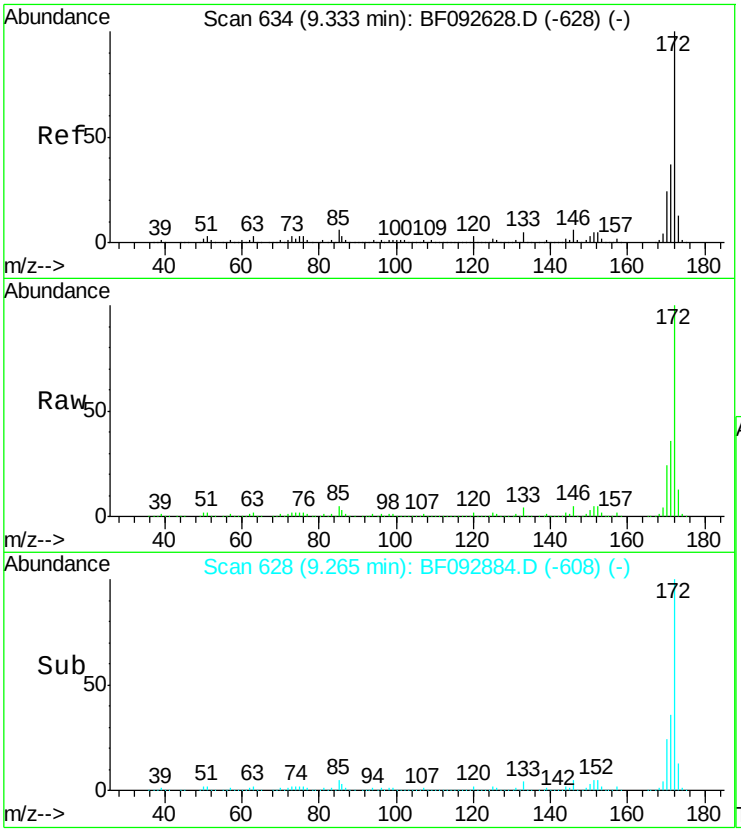


#41
2,4,6-Tribromophenol
Concen: 106.11 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.08 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Tgt Ion:330 Resp: 330002

Ion	Ratio	Lower	Upper
330	100		
332	99.6	77.4	116.2
141	40.9	34.1	51.1



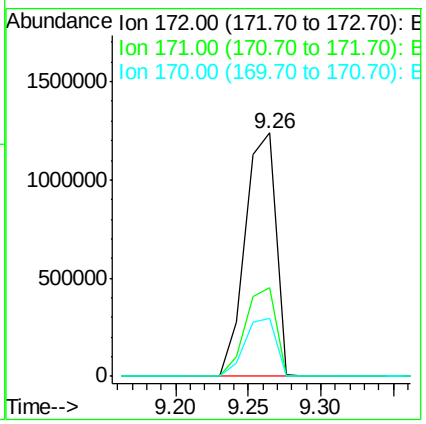


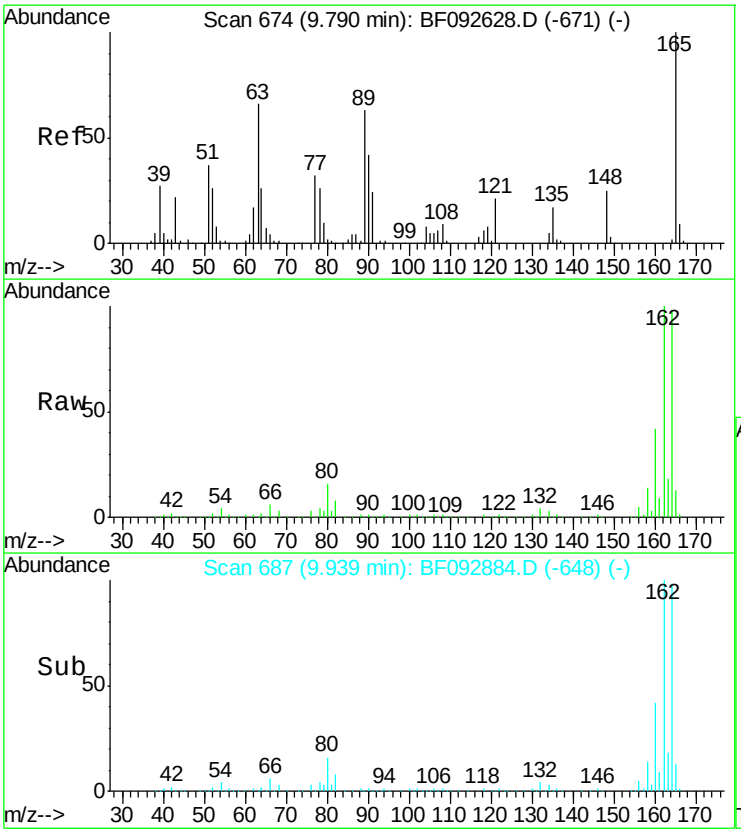
#44
2-Fluorobiphenyl
Concen: 77.07 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.07 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96853BL

Tgt Ion:172 Resp: 1829281

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	23.8	20.2	30.4

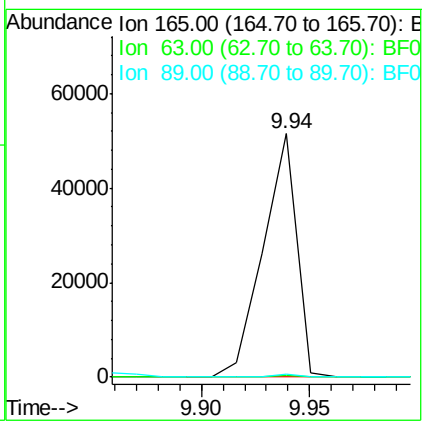


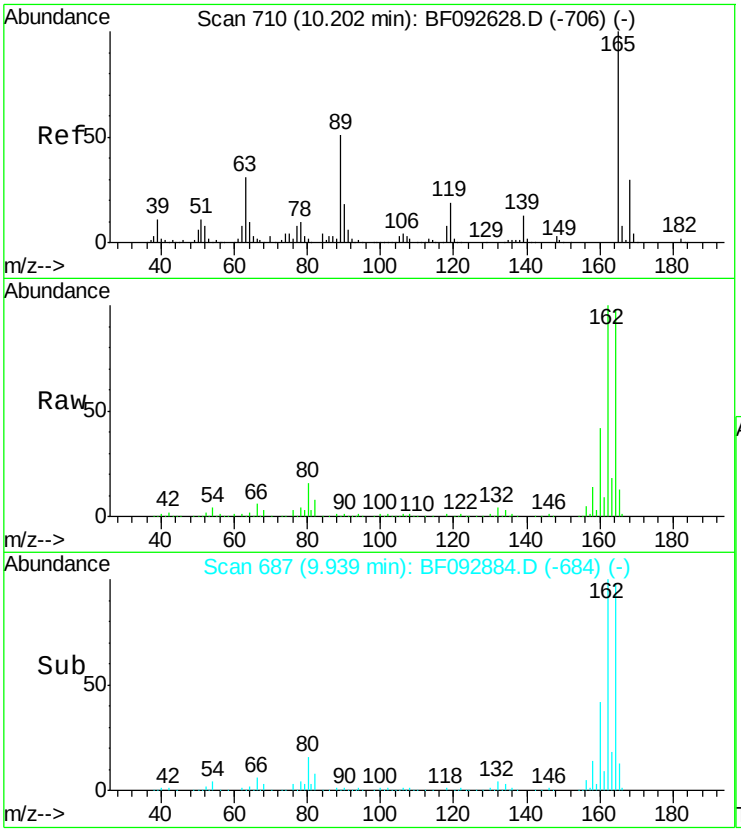


#50
2,6-Dinitrotoluene
Concen: 8.95 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.15 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Tgt Ion:165 Resp: 55996

Ion	Ratio	Lower	Upper
165	100		
63	0.6	36.2	54.4#
89	1.1	40.2	60.4#



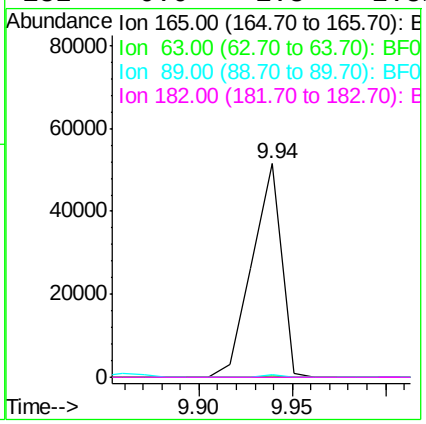


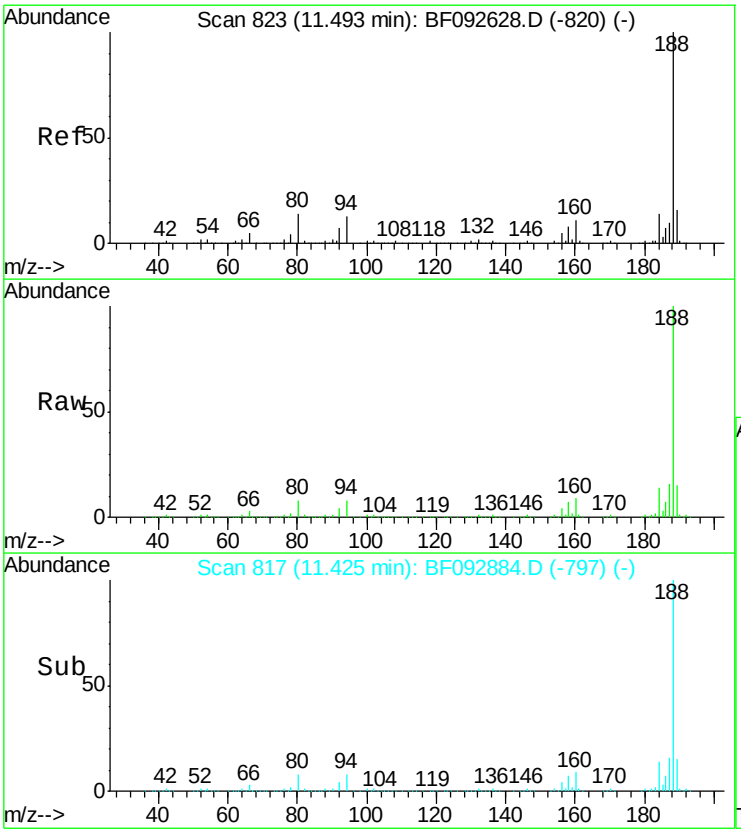
#56
2,4-Dinitrotoluene
Concen: 6.72 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.26 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96853BL

Tgt Ion:165 Resp: 55987

Ion	Ratio	Lower	Upper
165	100		
63	0.6	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

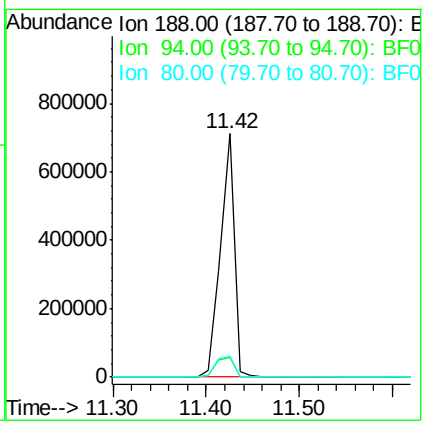


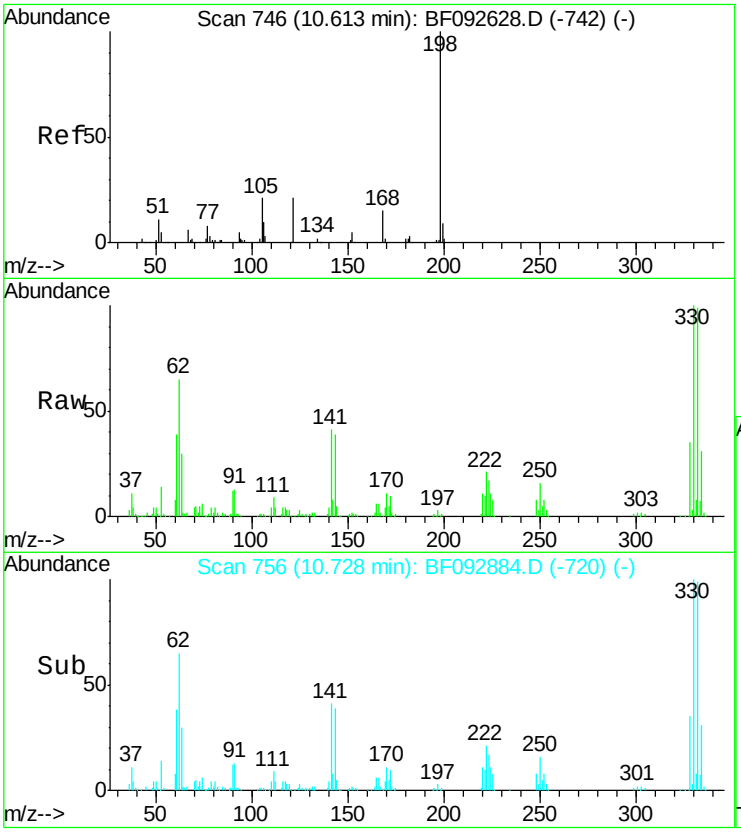


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Tgt Ion:188 Resp: 733104

Ion	Ratio	Lower	Upper
188	100		
94	8.2	10.0	15.0#
80	8.4	11.2	16.8#



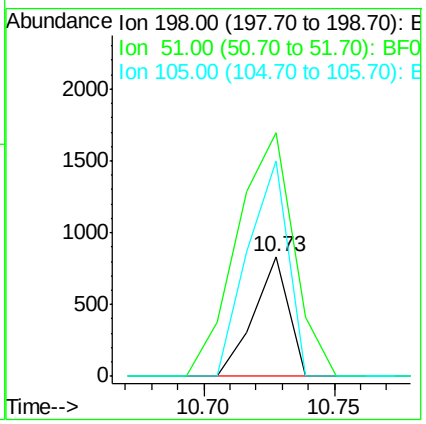


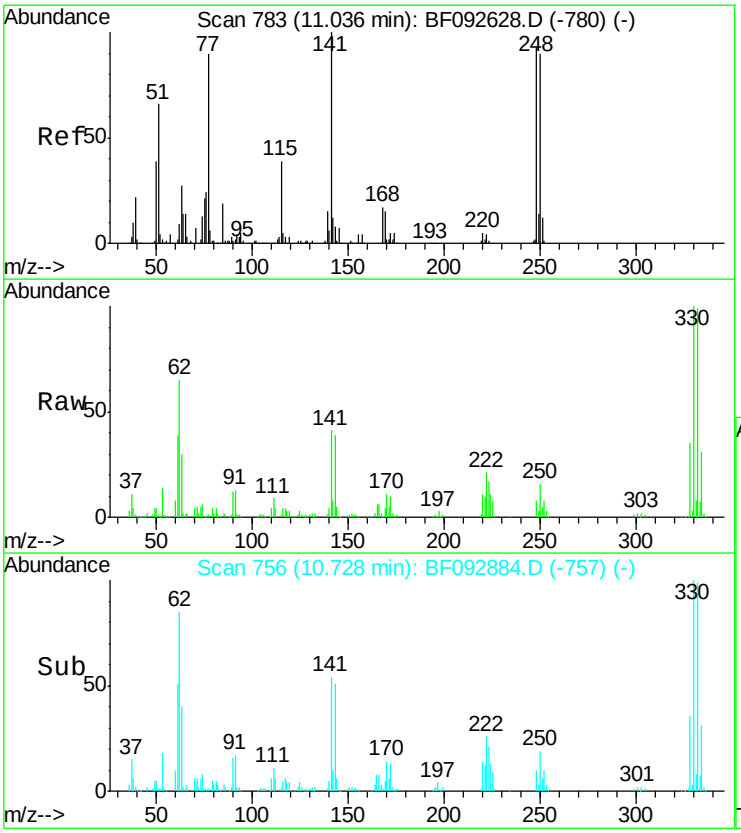
#64
4,6-Dinitro-2-methylphenol
Concen: 2.83 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.11 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96853BL

Tgt Ion:198 Resp: 780

Ion	Ratio	Lower	Upper
198	100		
51	203.0	6.7	46.7#
105	179.4	16.6	56.6#

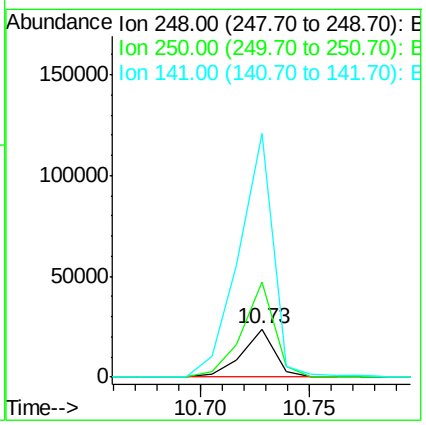


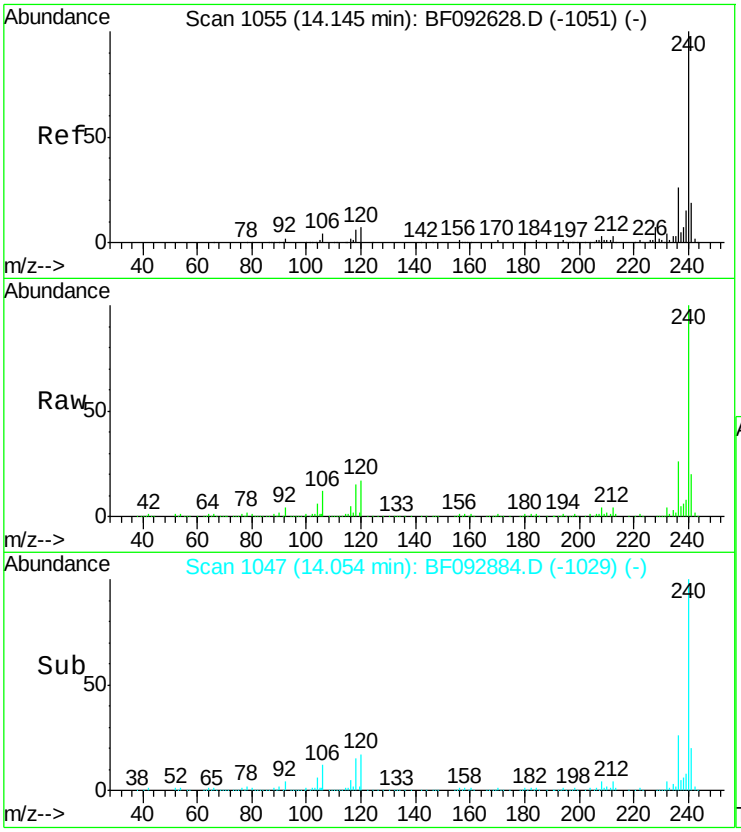


#66
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.31 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Tgt Ion:248 Resp: 24552

Ion	Ratio	Lower	Upper
248	100		
250	196.0	76.9	115.3#
141	504.5	68.2	102.4#



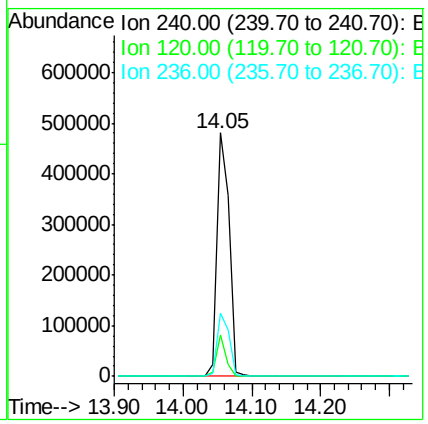


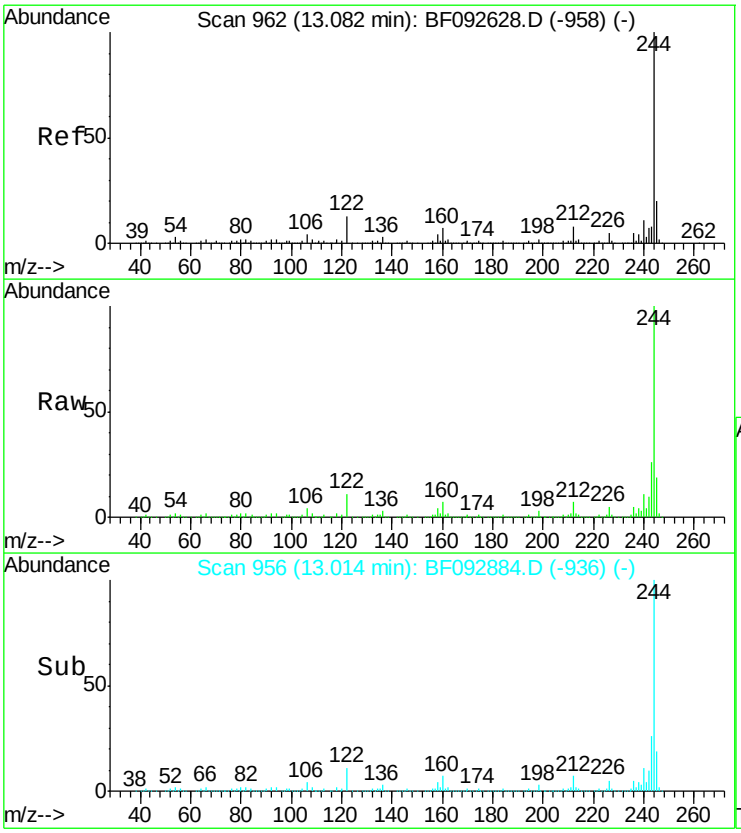
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.09 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96853BL

Tgt Ion:240 Resp: 604247

Ion	Ratio	Lower	Upper
240	100		
120	17.2	12.9	19.3
236	26.1	20.9	31.3

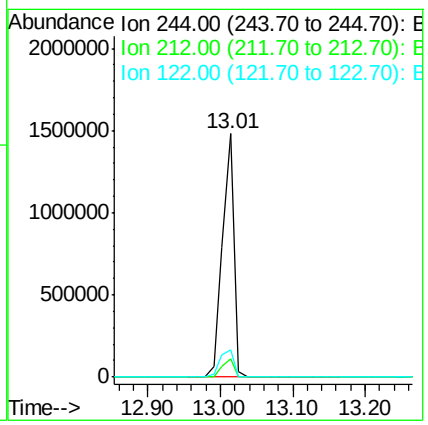


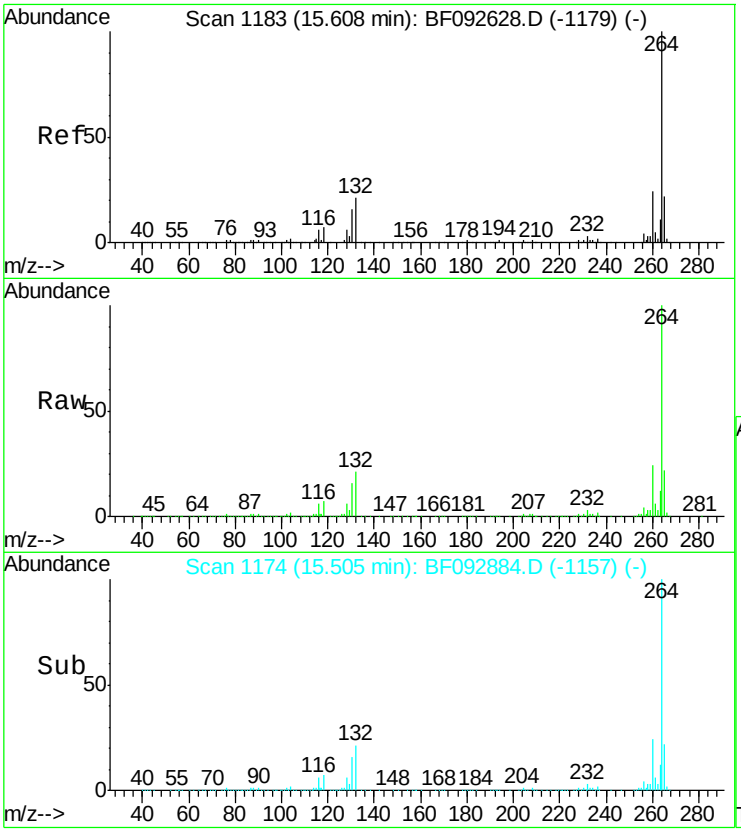


#78
Terphenyl-d14
Concen: 63.67 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.07 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Tgt Ion:244 Resp: 1637345

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	11.4	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092884.D
Acq: 10 Feb 2017 15:51

Instrument :
BNA_F
ClientSampleId :
PB96853BL

Tgt Ion:264 Resp: 510407

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.6	17.4	26.0