Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
Data File : BF093289.D
Acq On : 1 Mar 2017 15:03
Operator : SJ/MA
Sample : PB97251BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97251BL

Quant Time: Mar 02 00:02:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	138272	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	531309	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	239986	20.00	ng	-0.06
63) Phenanthrene-d10	11.33	188	469246	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	419253	20.00	ng	-0.05
86) Perylene-d12	15.39	264	317299	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1167795	144.90	ng	-0.03
7) Phenol-d6	6.46	99	1566432	151.05	ng	-0.02
23) Nitrobenzene-d5	7.37	82	843962	88.46	ng	-0.06
41) 2,4,6-Tribromophenol	10.64	330	247960	142.86	ng	-0.05
44) 2-Fluorobiphenyl	9.16	172	1353782	102.20	ng	-0.06
78) Terphenyl-d14	12.92	244	1373906	77.00	ng	-0.05
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	109010	16.51	ng	# 84
25) Isophorone	7.37	82	790288	44.45	ng	# 65
50) 2,6-Dinitrotoluene	9.84	165	29257	8.38	ng	# 31
56) 2,4-Dinitrotoluene	9.84	165	29258	6.30	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.64	198	386	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	18980	3.87	ng	# 1

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

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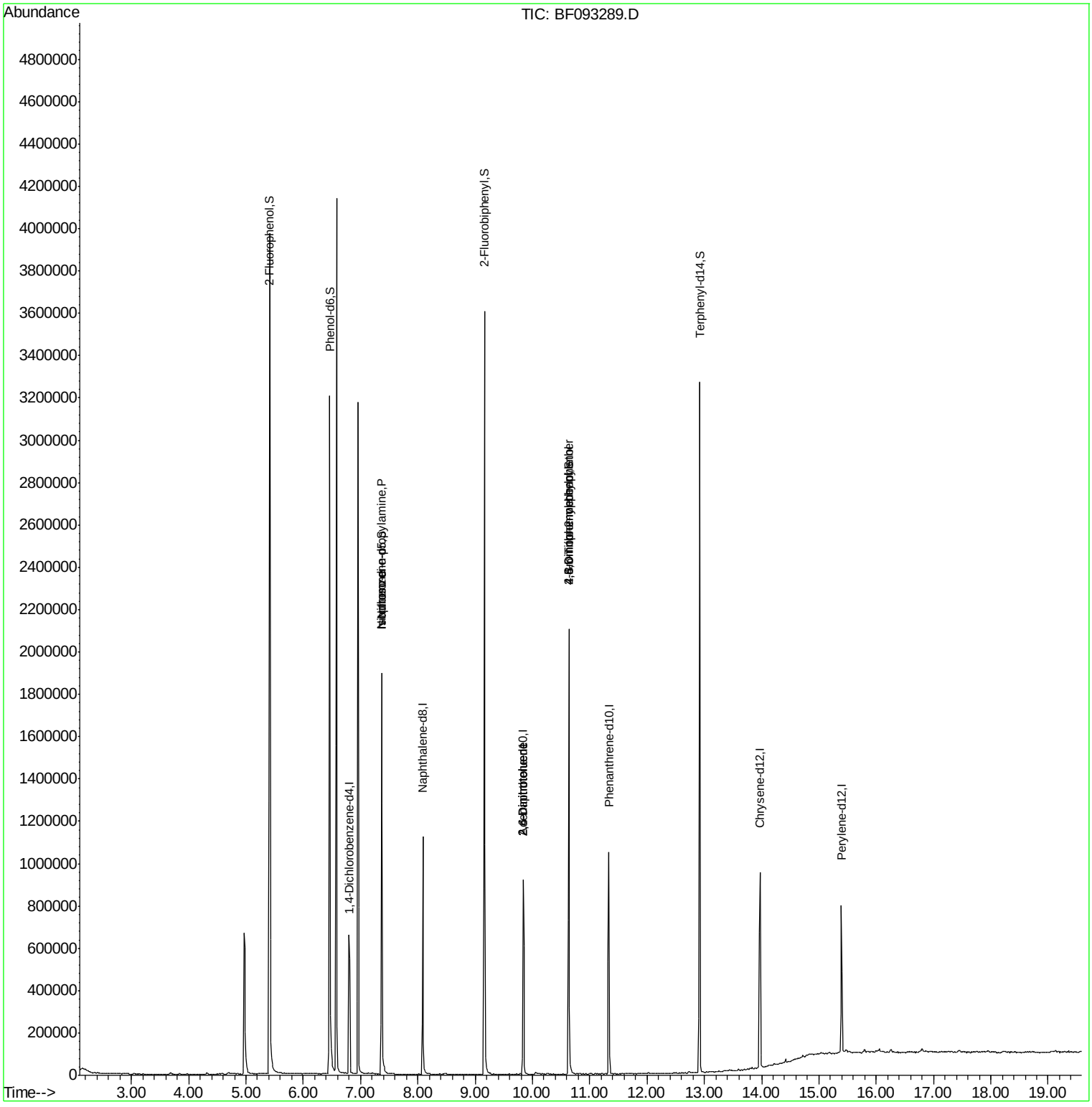
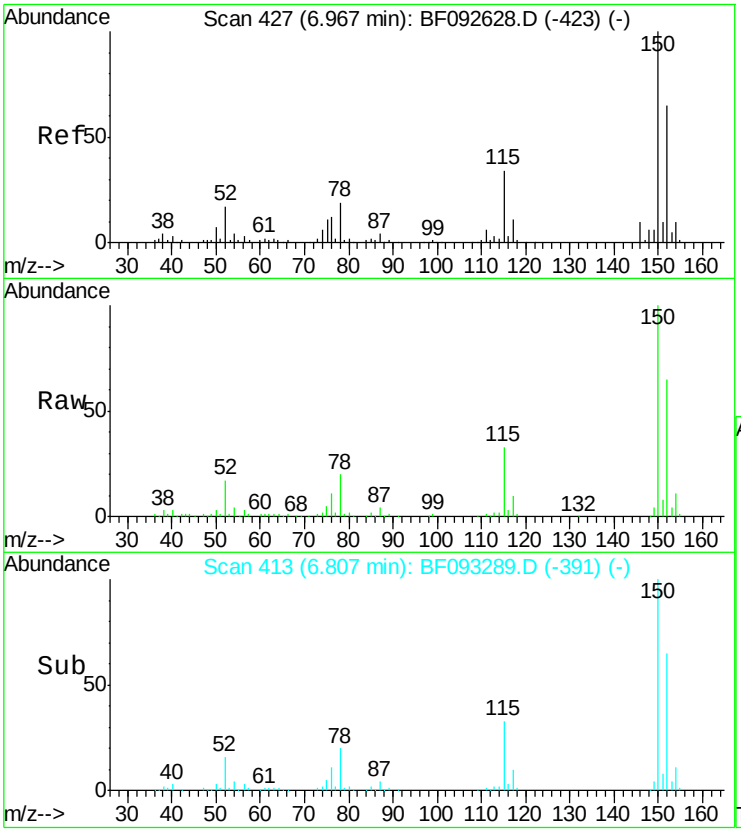


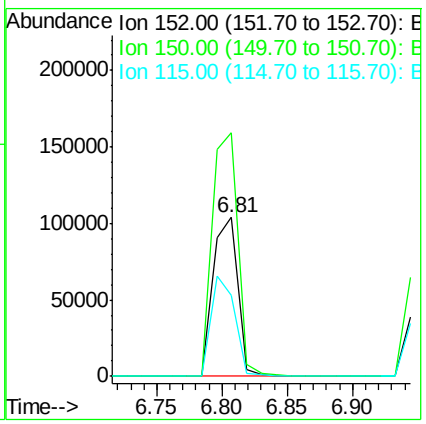


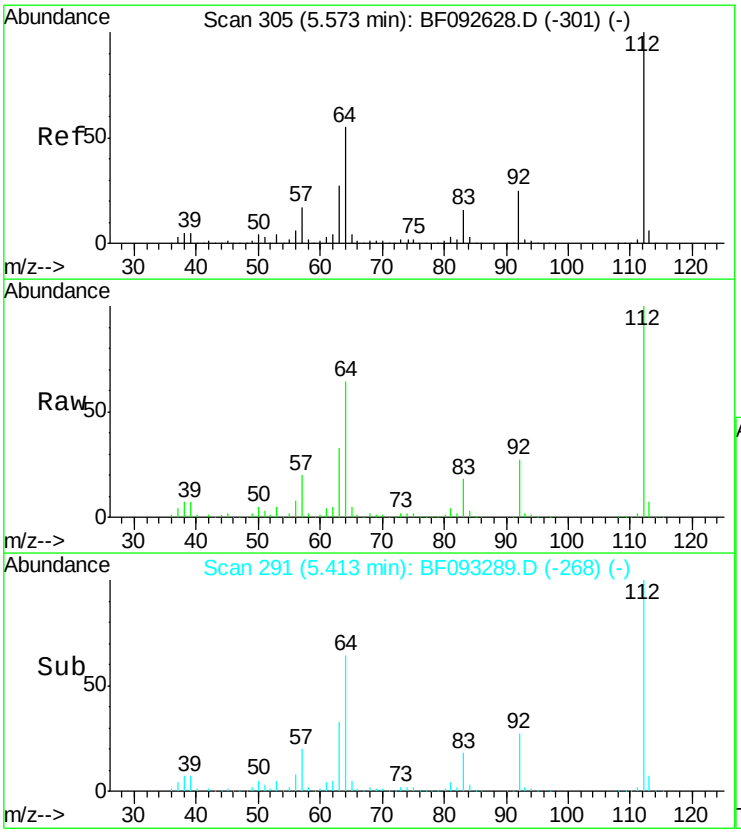
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 413
Delta R.T. -0.05 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Instrument :
BNA_F
ClientSampleId :
PB97251BL

Tgt Ion:152 Resp: 138272

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.9	187.3
115	50.8	46.0	69.0

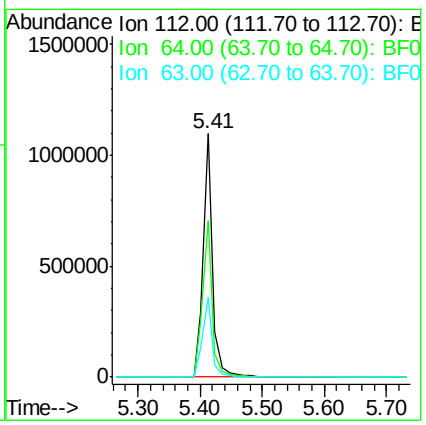


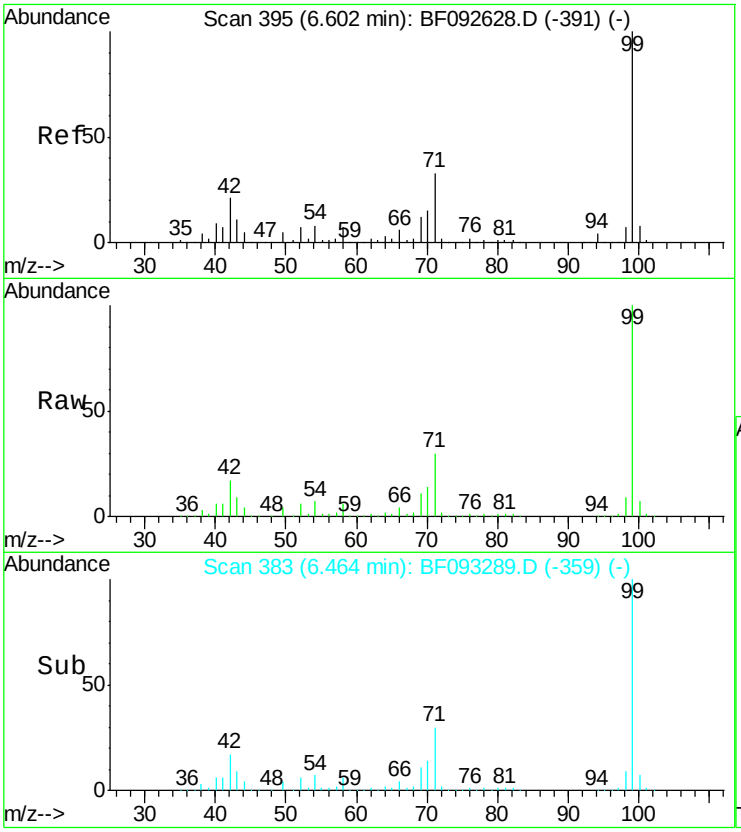


#5
2-Fluorophenol
Concen: 144.90 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion:112 Resp: 1167795

Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.1	69.1
63	32.6	23.8	35.6



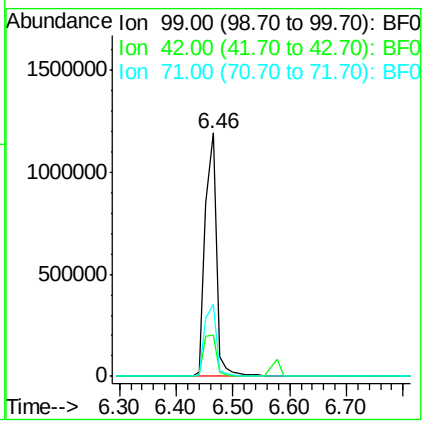


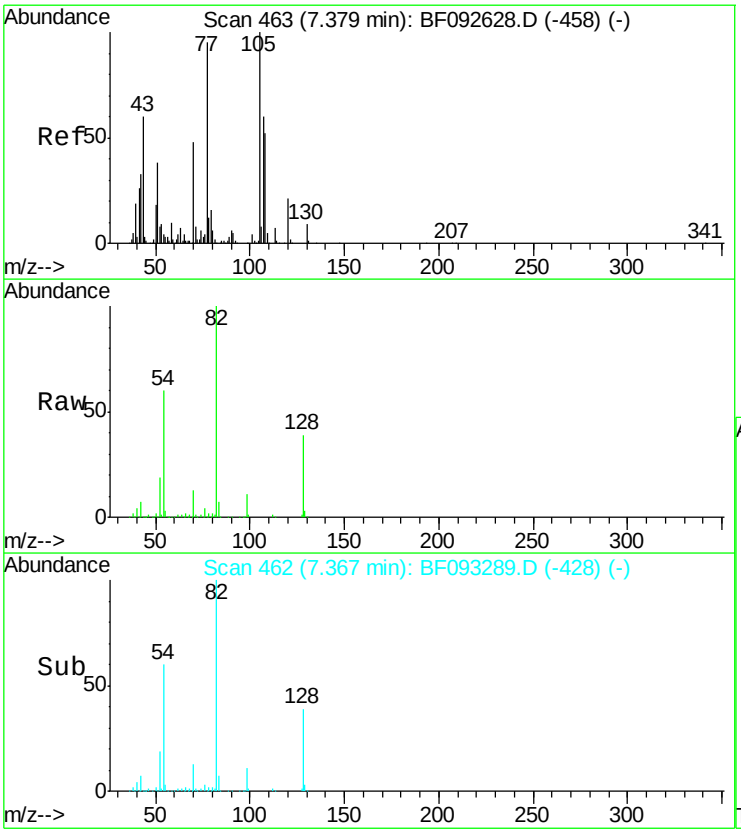
#7
Phenol-d6
Concen: 151.05 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.02 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Instrument :
BNA_F
ClientSampleId :
PB97251BL

Tgt Ion: 99 Resp: 1566432

Ion	Ratio	Lower	Upper
99	100		
42	16.8	15.6	23.4
71	29.5	27.5	41.3

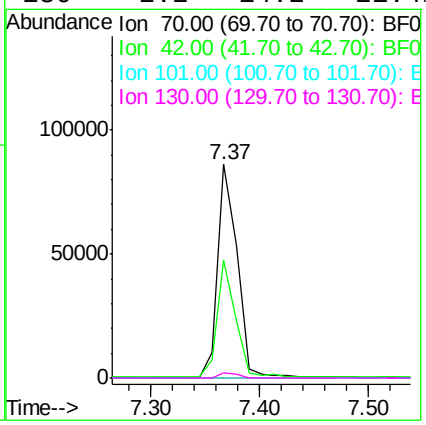


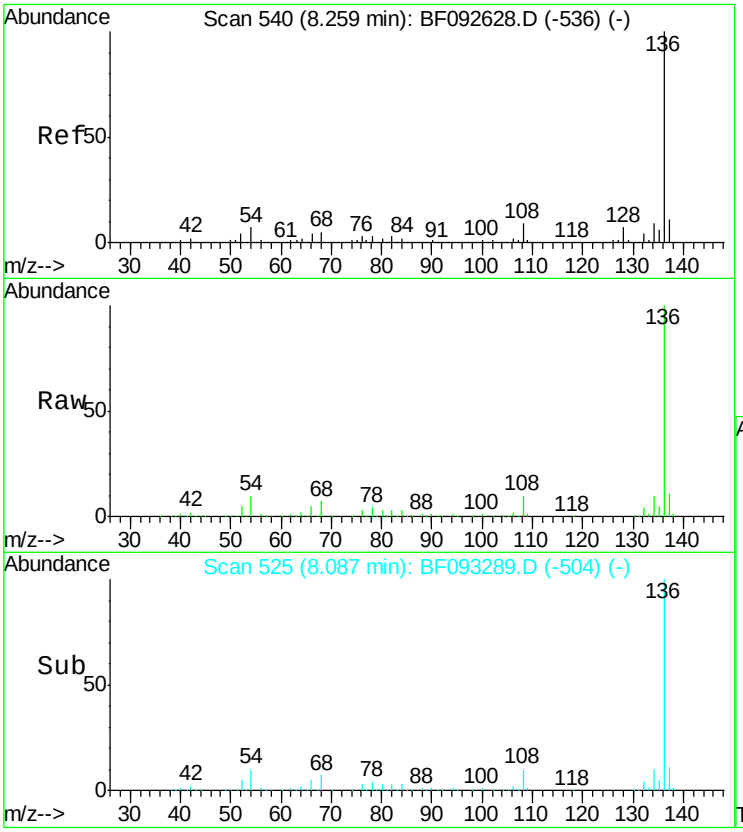


#19
n-Nitroso-di-n-propylamine
Concen: 16.51 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion: 70 Resp: 109010

Ion	Ratio	Lower	Upper
70	100		
42	55.0	49.4	74.0
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



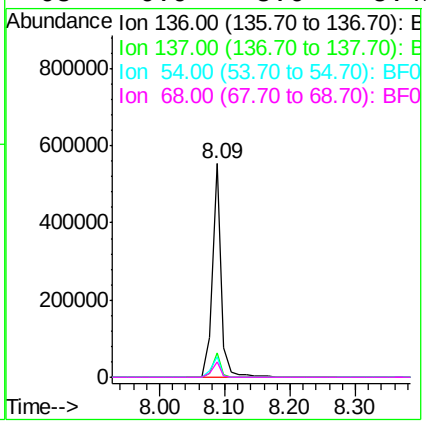


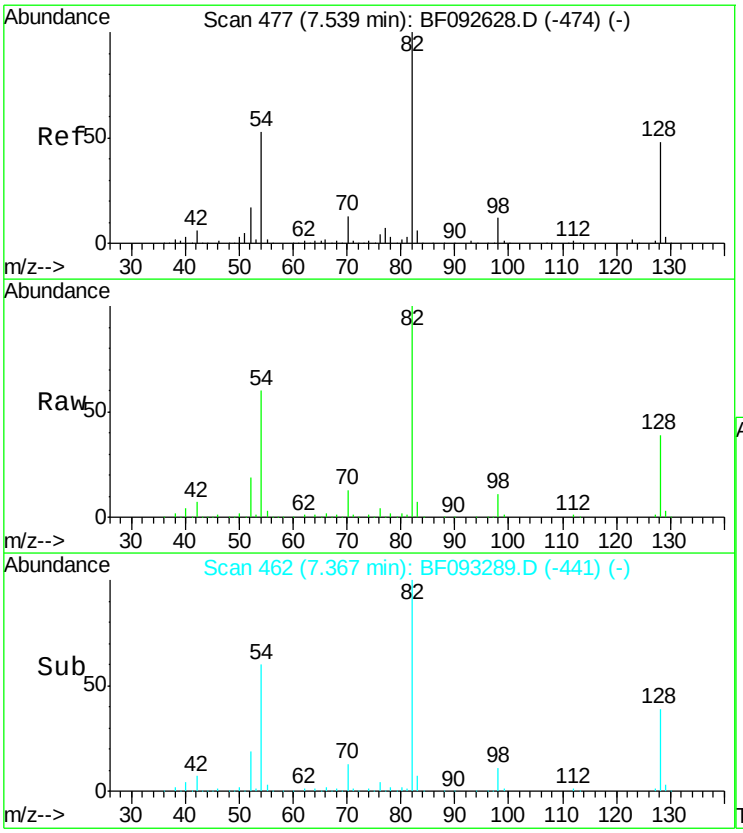
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Instrument :
BNA_F
ClientSampleId :
PB97251BL

Tgt Ion:136 Resp: 531309

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	9.7	4.5	6.7#
68	6.9	3.6	5.4#

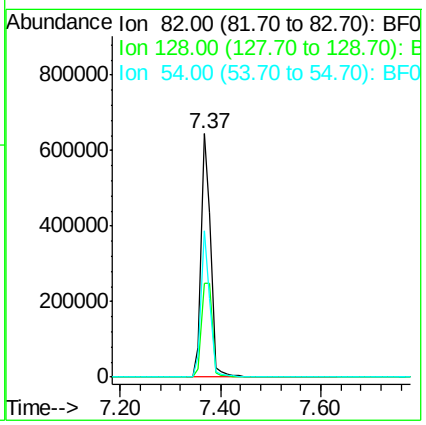


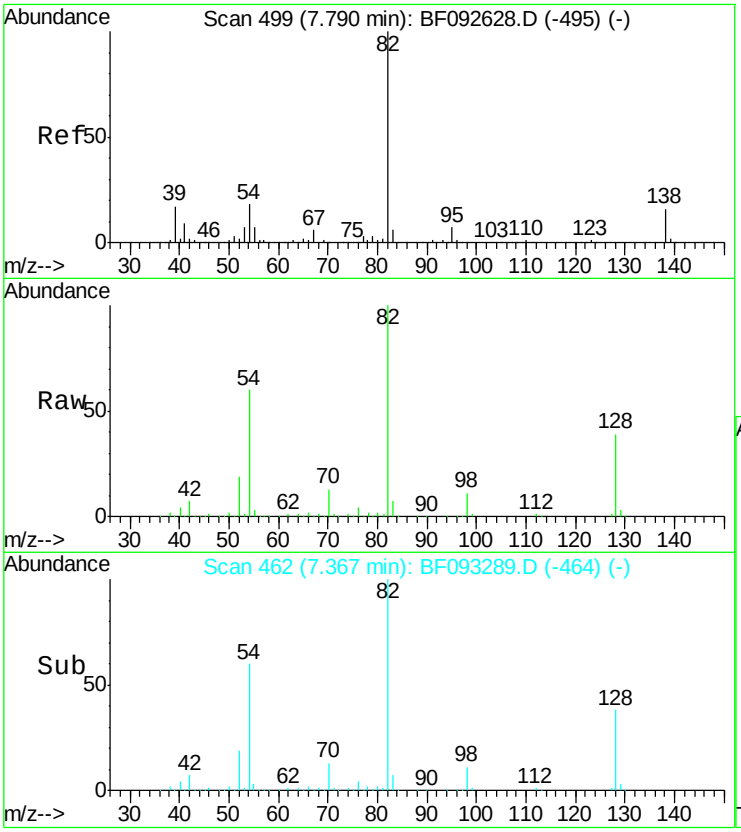


#23
Nitrobenzene-d5
Concen: 88.46 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion: 82 Resp: 843962

Ion	Ratio	Lower	Upper
82	100		
128	38.7	34.6	52.0
54	60.0	39.5	59.3#



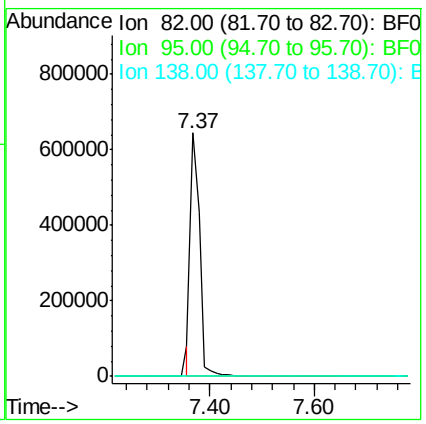


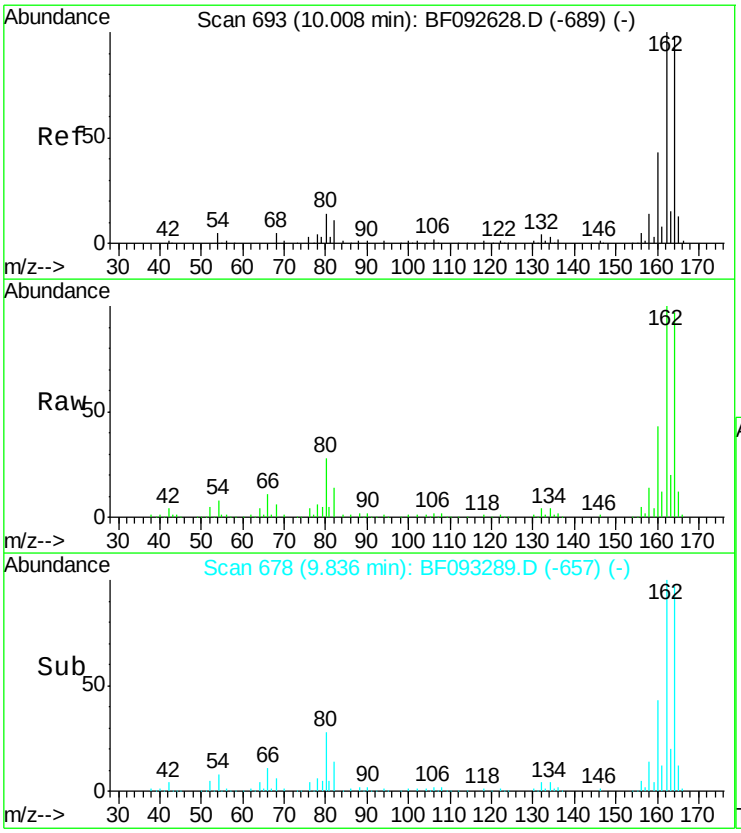
#25
Isophorone
Concen: 44.45 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.32 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Instrument :
BNA_F
ClientSampleId :
PB97251BL

Tgt Ion: 82 Resp: 790288

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

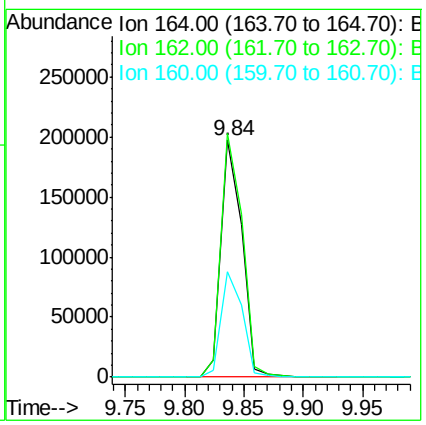


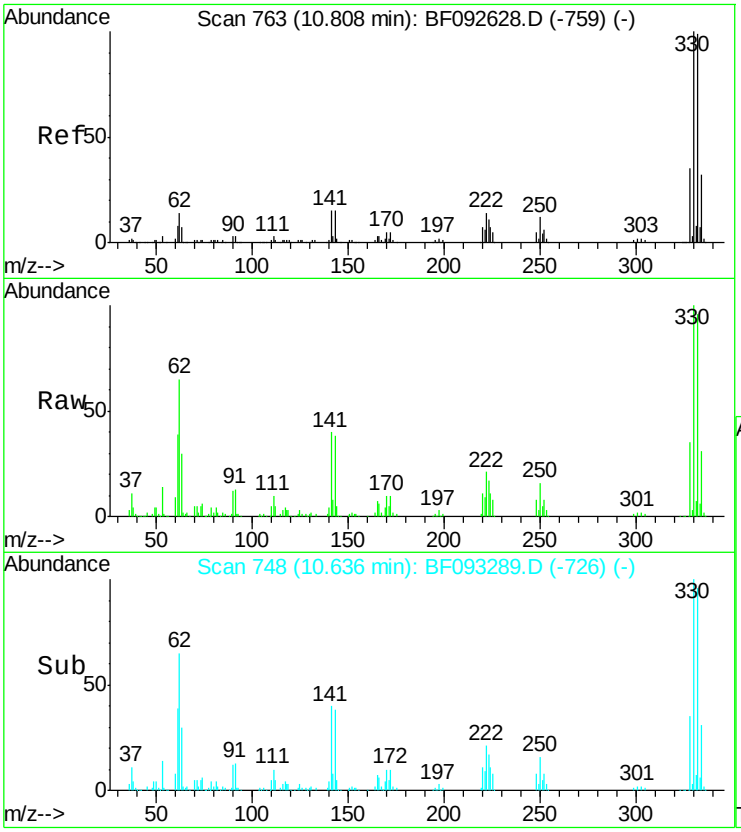


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.06 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion:164 Resp: 239986

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.2	120.2
160	44.3	36.9	55.3



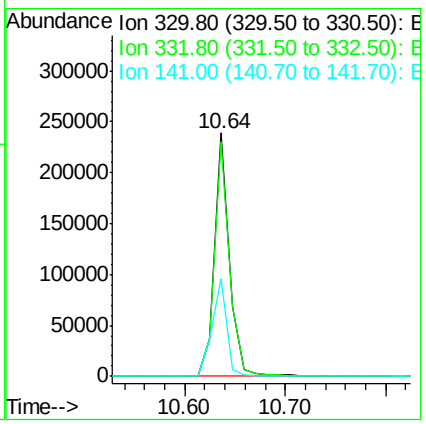


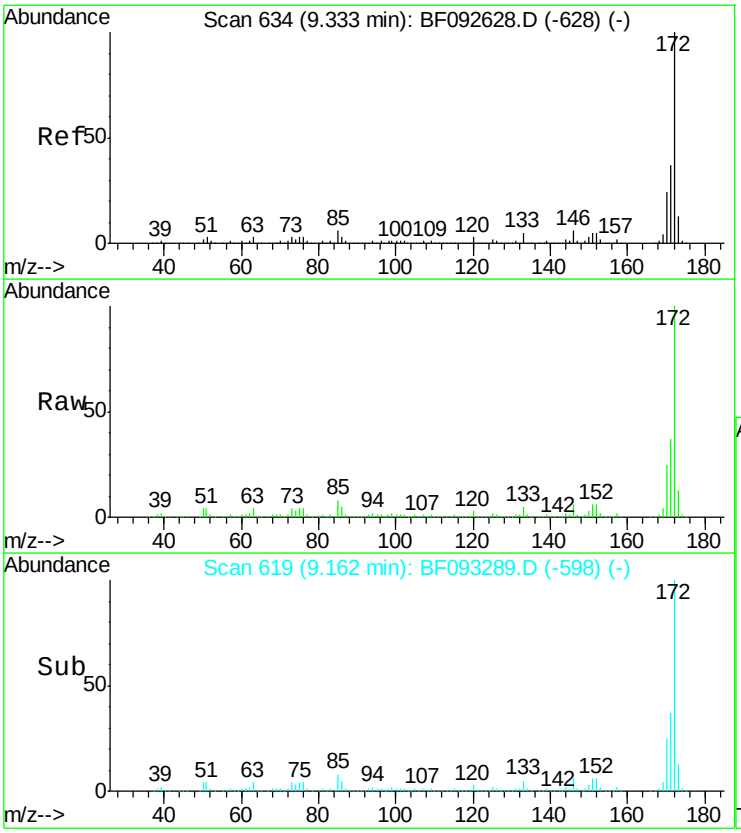
#41
2,4,6-Tribromophenol
Concen: 142.86 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.05 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Instrument :
BNA_F
ClientSampleId :
PB97251BL

Tgt Ion:330 Resp: 247960

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.4	116.2
141	40.5	34.1	51.1

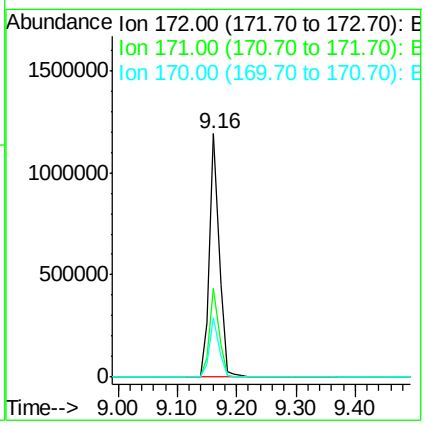


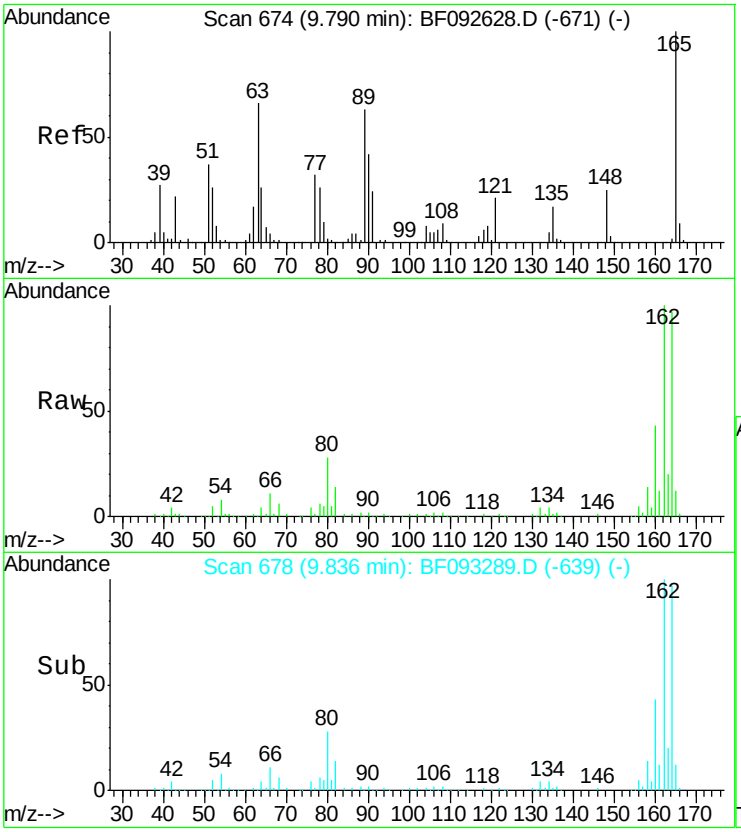


#44
2-Fluorobiphenyl
Concen: 102.20 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.06 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion:172 Resp: 1353782

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	24.5	20.2	30.4



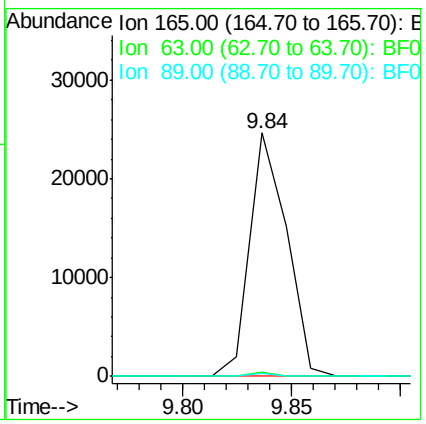


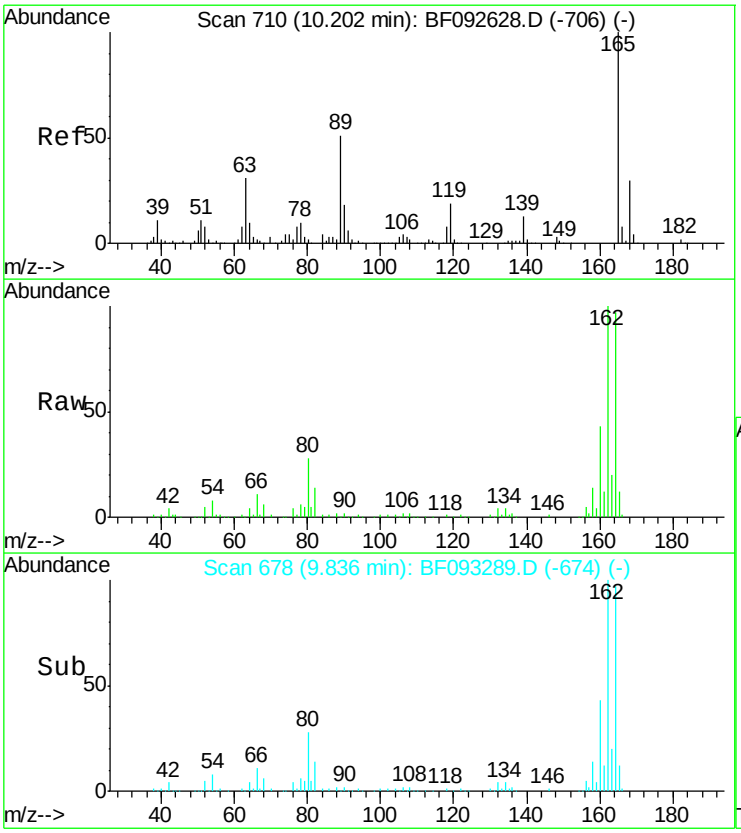
#50
2,6-Dinitrotoluene
Concen: 8.38 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.15 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Instrument :
BNA_F
ClientSampleId :
PB97251BL

Tgt Ion:165 Resp: 29257

Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.2	54.4#
89	1.5	40.2	60.4#

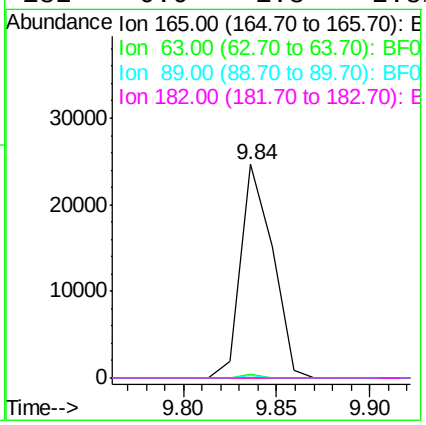


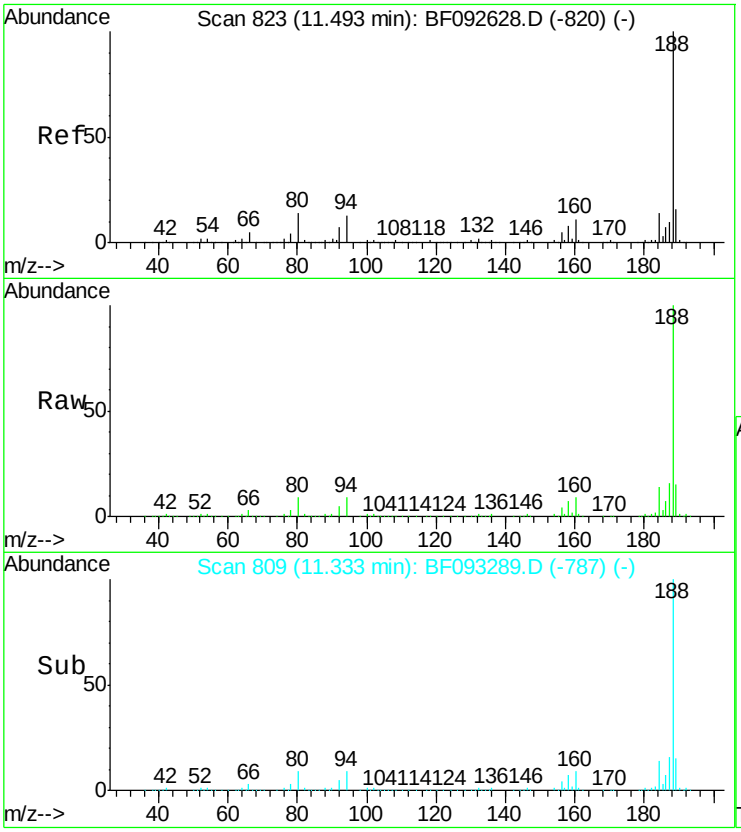


#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.25 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion:165 Resp: 29258

Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#



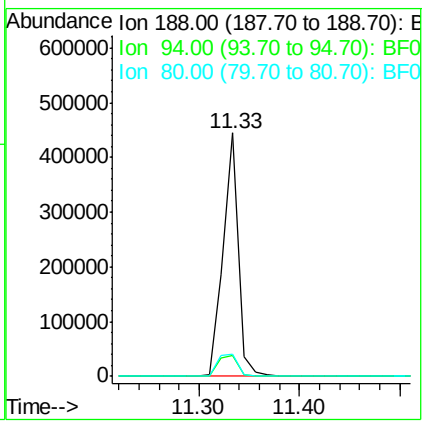


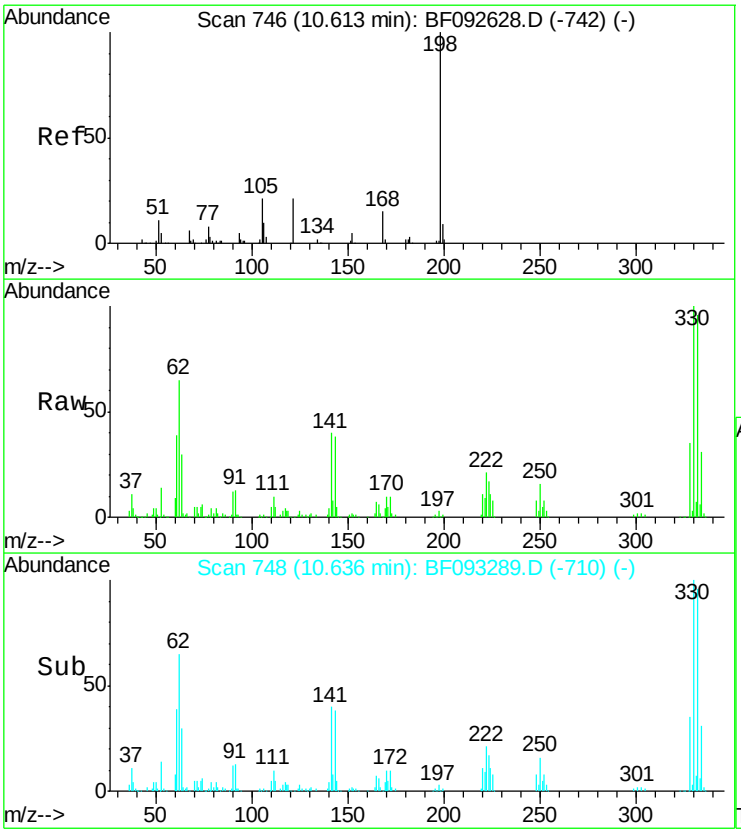
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Instrument :
BNA_F
ClientSampleId :
PB97251BL

Tgt Ion:188 Resp: 469246

Ion	Ratio	Lower	Upper
188	100		
94	8.6	10.0	15.0#
80	8.9	11.2	16.8#

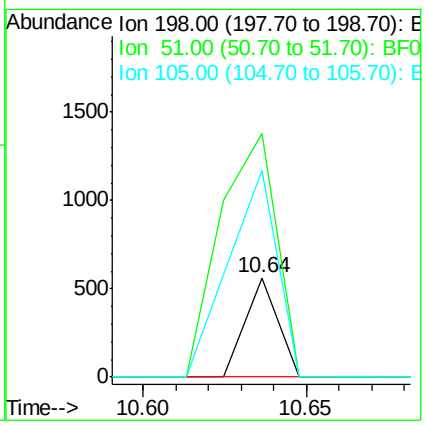


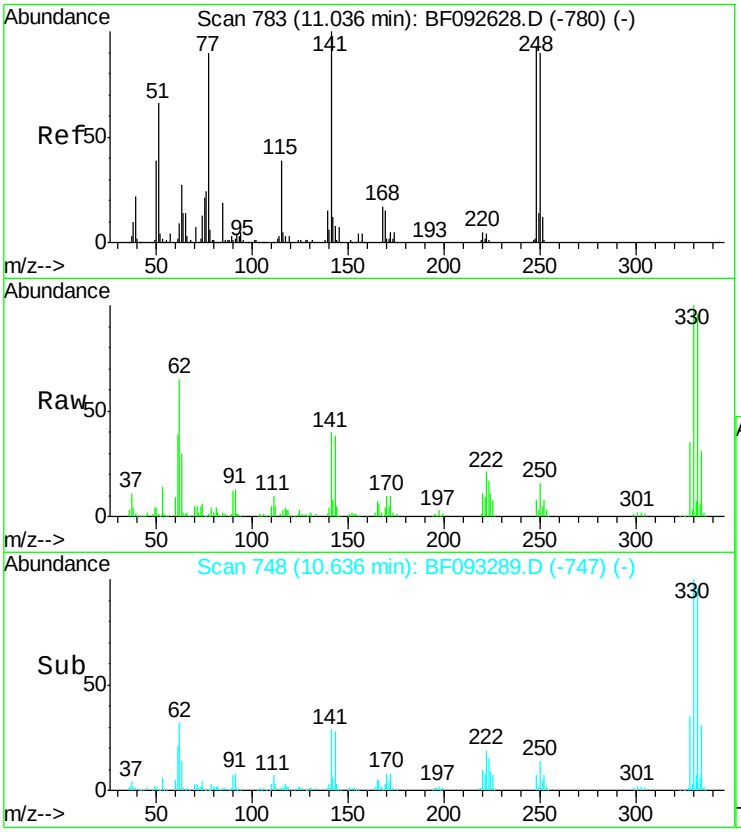


#64
4,6-Dinitro-2-methylphenol
Concen: 2.80 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion:198 Resp: 386

Ion	Ratio	Lower	Upper
198	100		
51	244.9	6.7	46.7#
105	207.6	16.6	56.6#



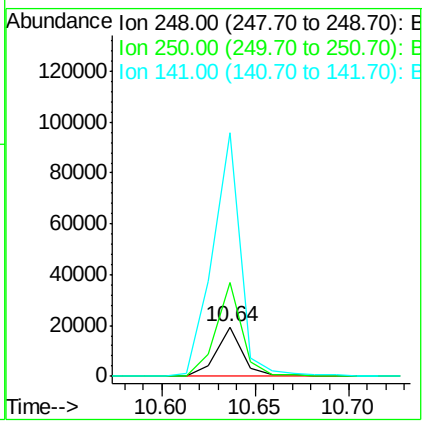


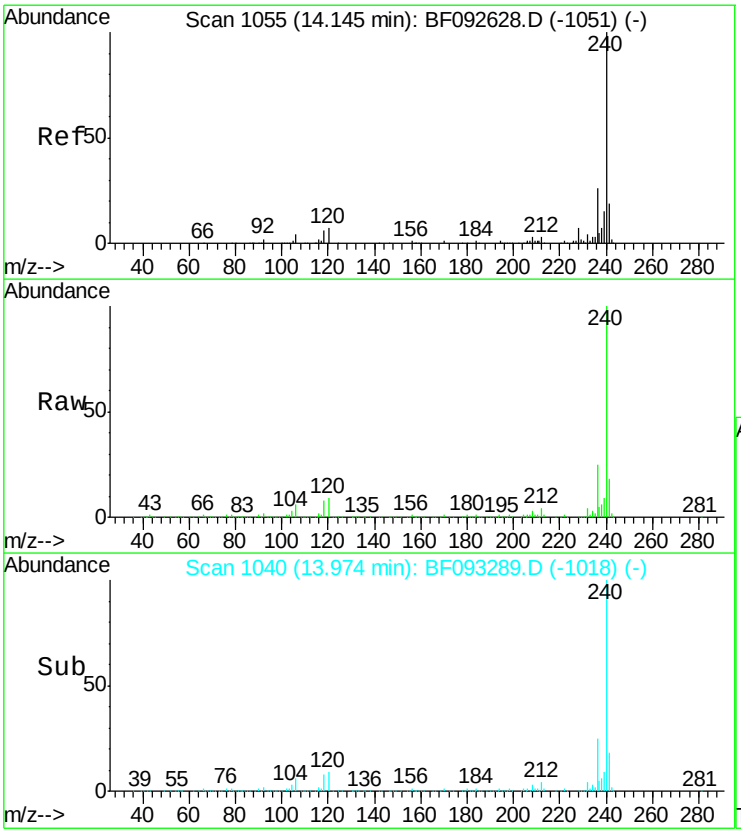
#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Instrument :
BNA_F
ClientSampleId :
PB97251BL

Tgt Ion:248 Resp: 18980

Ion	Ratio	Lower	Upper
248	100		
250	192.2	76.9	115.3#
141	496.6	68.2	102.4#

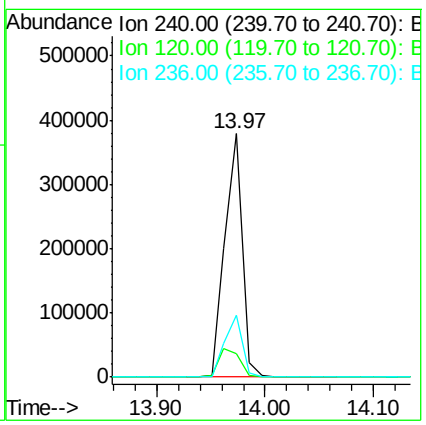


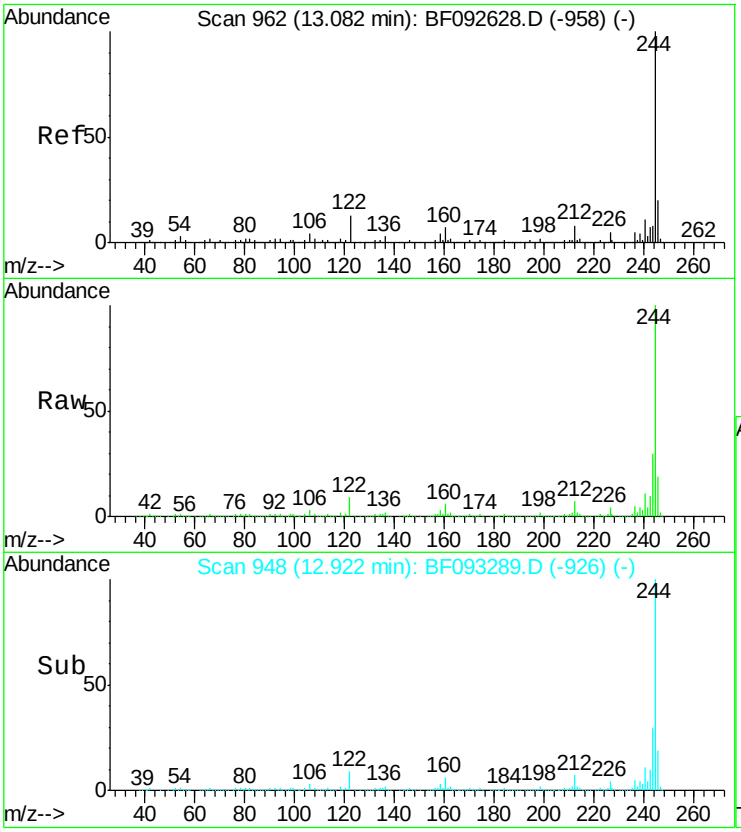


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.05 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion:240 Resp: 419253

Ion	Ratio	Lower	Upper
240	100		
120	9.4	12.9	19.3#
236	25.3	20.9	31.3



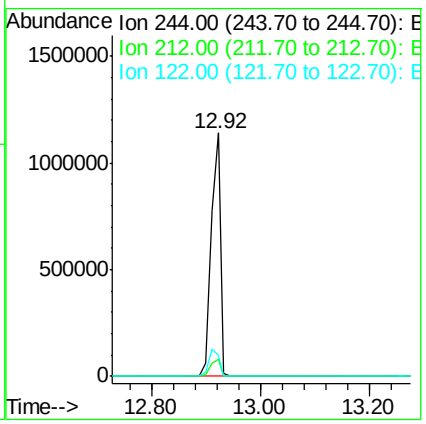


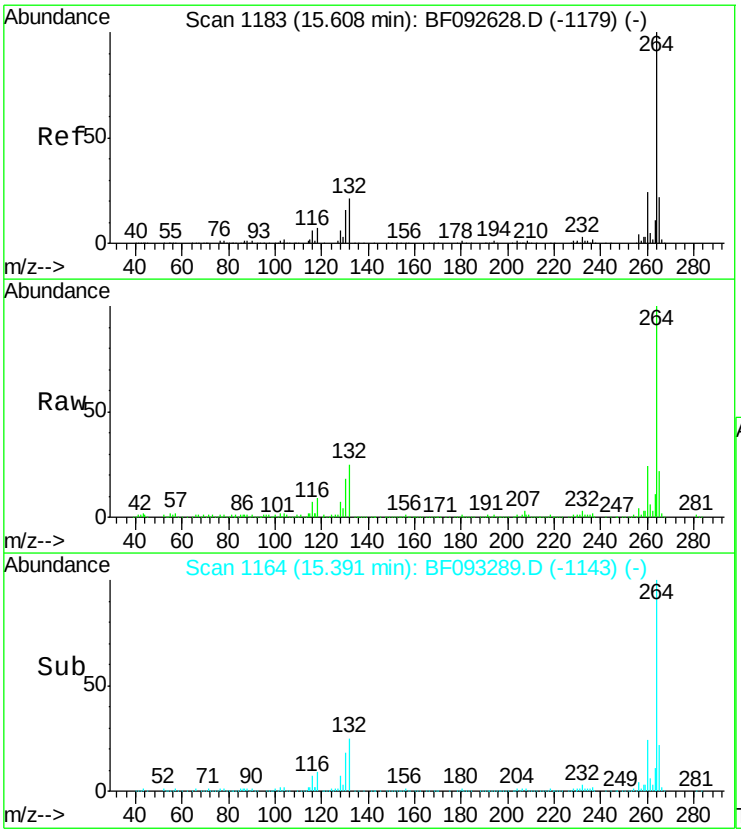
#78
Terphenyl-d14
Concen: 77.00 ng
RT: 12.92 min Scan# 948
Delta R.T. -0.05 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Instrument :
BNA_F
ClientSampleId :
PB97251BL

Tgt Ion:244 Resp: 1373906

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	8.8	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093289.D
Acq: 1 Mar 2017 15:03

Tgt Ion:264 Resp: 317299

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	17.4	26.0