Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091177.D
Acq On : 15 Nov 2016 14:16
Operator : UM/SJ
Sample : H5636-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CPS043044

Quant Time: Nov 16 00:19:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 08 12:59:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	165501	20.00	ng	-0.02
21) Naphthalene-d8	7.92	136	705468	20.00	ng	-0.03
38) Acenaphthene-d10	9.66	164	369407	20.00	ng	-0.03
63) Phenanthrene-d10	11.15	188	671914	20.00	ng	-0.02
75) Chrysene-d12	13.78	240	585064	20.00	ng	-0.03
86) Perylene-d12	15.14	264	476447	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	775302	77.37	ng	-0.02
7) Phenol-d6	6.28	99	649362	47.74	ng	-0.03
23) Nitrobenzene-d5	7.21	82	1315639	101.73	ng	-0.03
41) 2,4,6-Tribromophenol	10.46	330	570177	170.73	ng	-0.02
44) 2-Fluorobiphenyl	9.00	172	1996995	93.07	ng	-0.03
78) Terphenyl-d14	12.74	244	2137601	91.17	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.41	77	32983	4.37	ng	90
15) Benzyl Alcohol	6.78	79	20259	2.11	ng	# 52
19) n-Nitroso-di-n-propylamine	7.21	70	183146	19.43	ng	# 77
25) Isophorone	7.21	82	1299605	52.15	ng	# 67
50) 2,6-Dinitrotoluene	9.66	165	46959	9.05	ng	# 12
56) 2,4-Dinitrotoluene	9.66	165	46955	7.11	ng	# 26
66) 4-Bromophenyl-phenylether	10.46	248	39414	5.64	ng	# 1

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

Quantitation Report (Not Reviewed)

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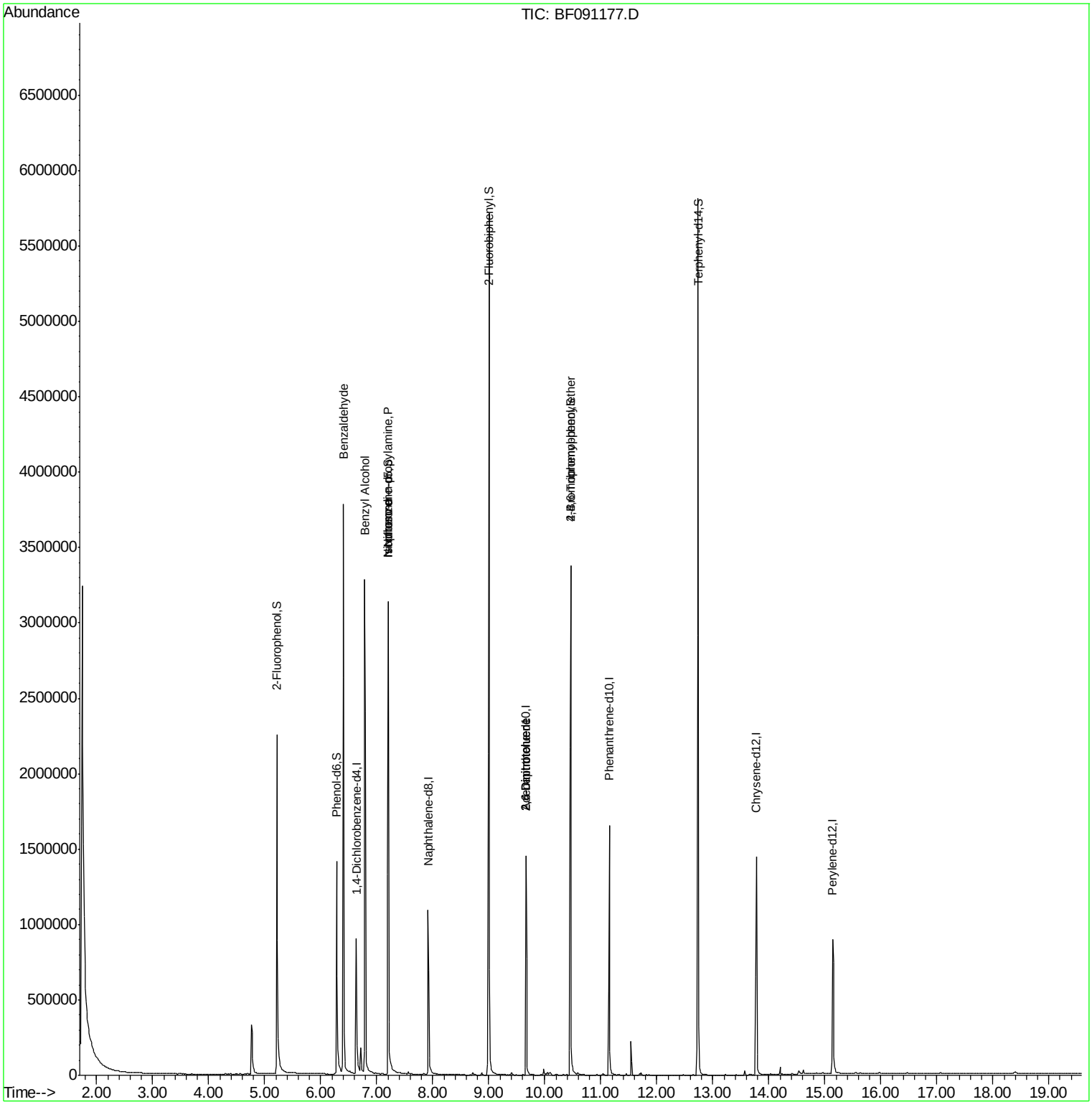
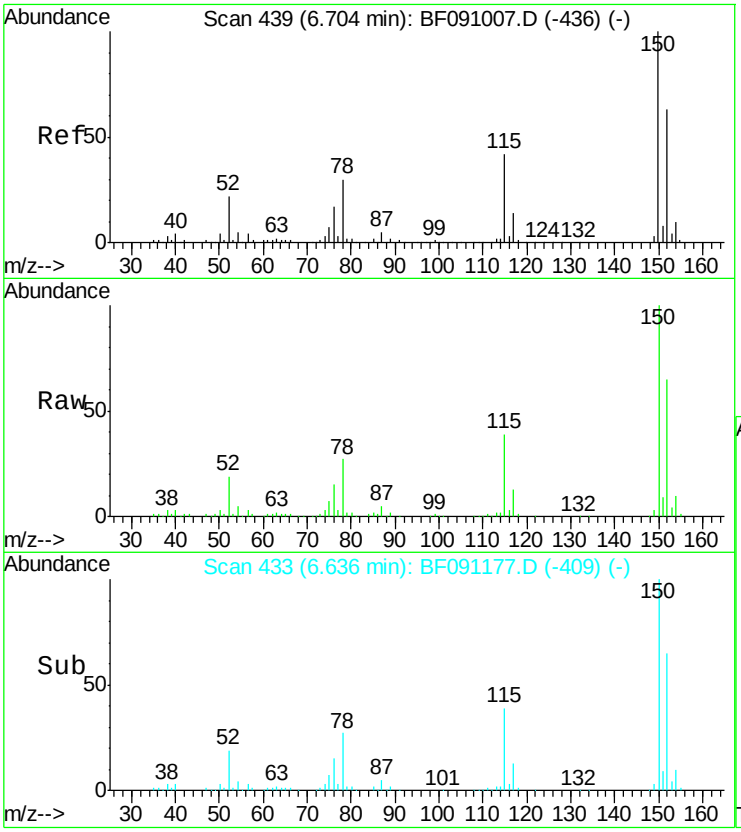


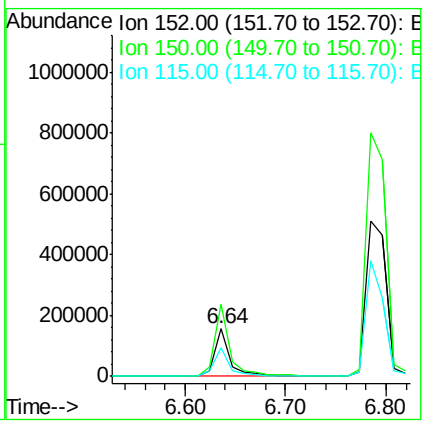


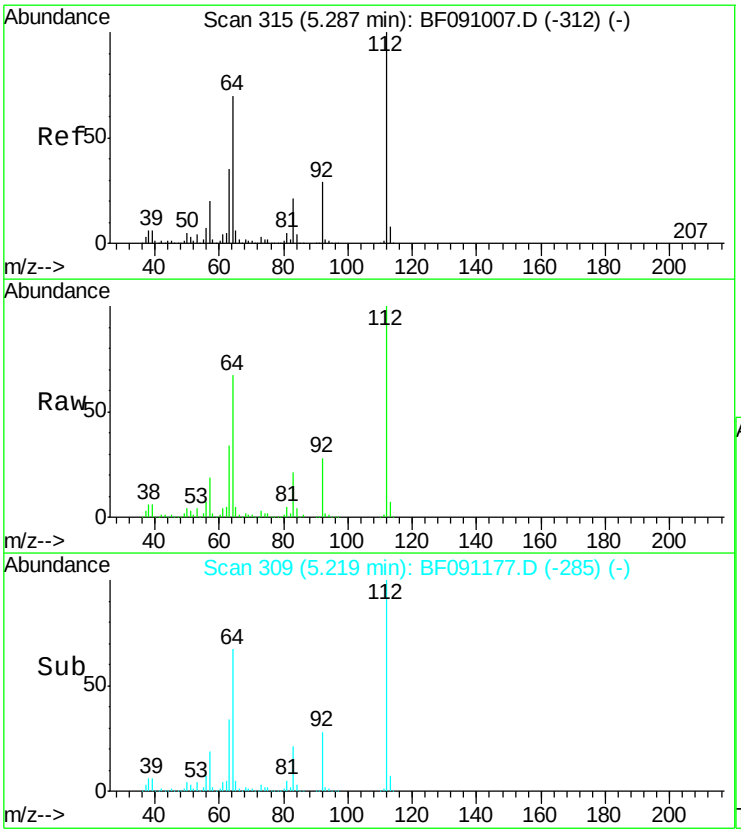
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion:152 Resp: 165501

Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.8	190.2
115	59.9	53.3	79.9

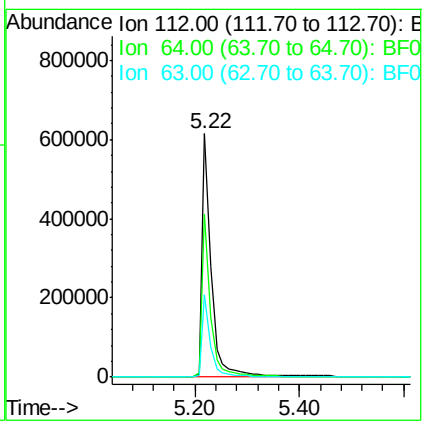


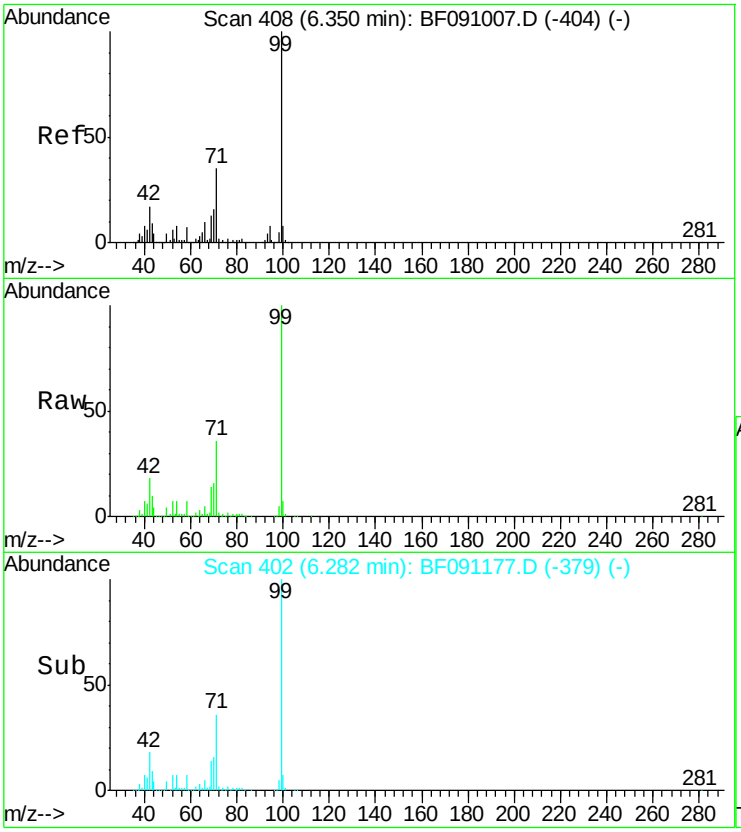


#5
2-Fluorophenol
Concen: 77.37 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion:112 Resp: 775302

Ion	Ratio	Lower	Upper
112	100		
64	67.0	55.8	83.6
63	33.8	28.0	42.0



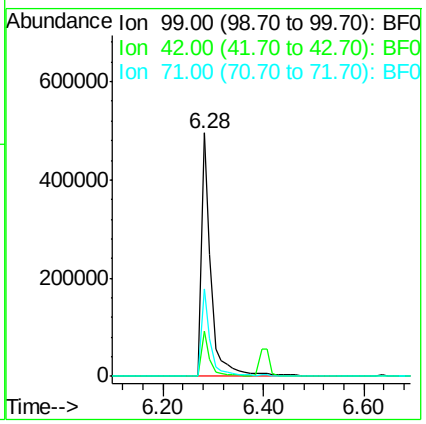


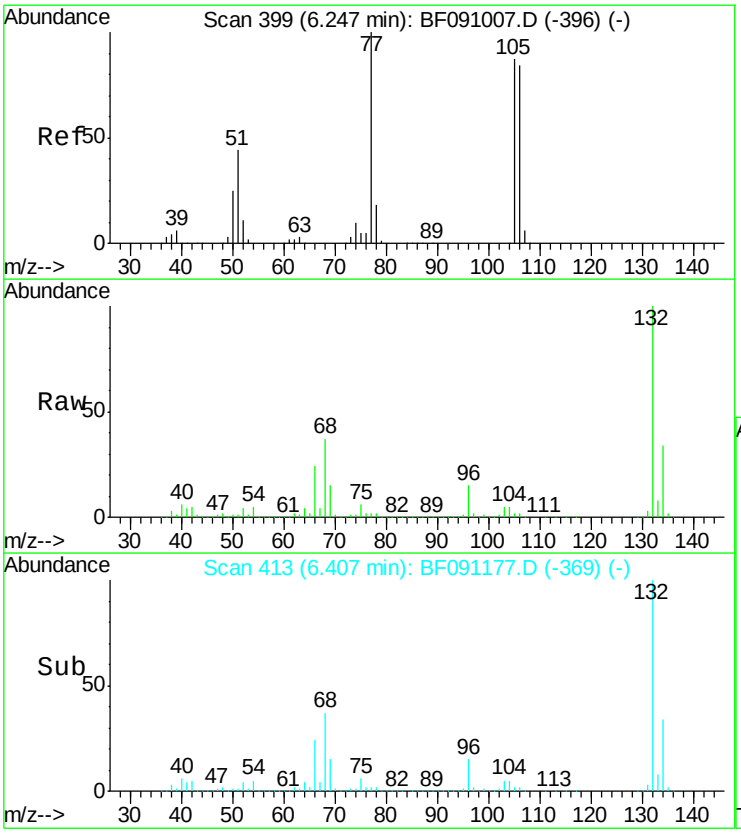
#7
Phenol-d6
Concen: 47.74 ng
RT: 6.28 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion: 99 Resp: 649362

Ion	Ratio	Lower	Upper
99	100		
42	18.3	13.9	20.9
71	36.1	27.8	41.8

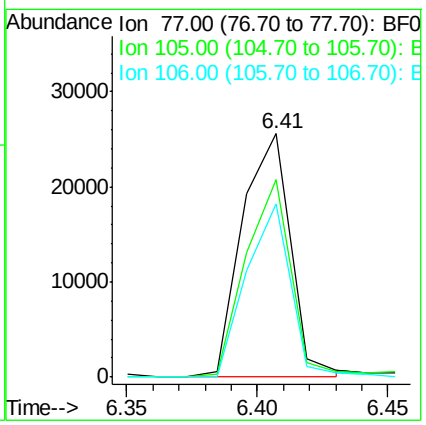


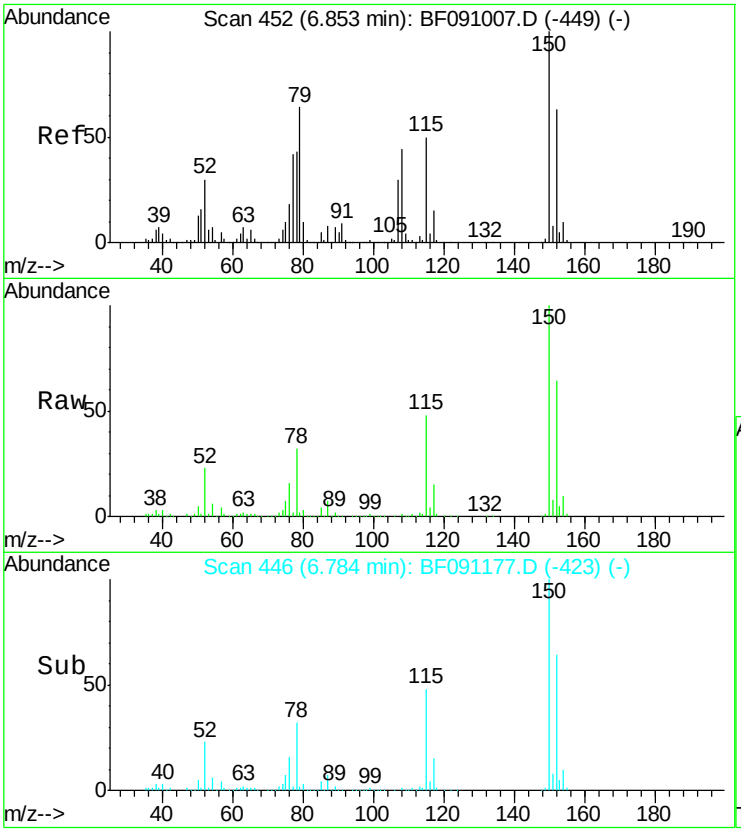


#9
Benzaldehyde
Concen: 4.37 ng
RT: 6.41 min Scan# 413
Delta R.T. 0.21 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion: 77 Resp: 32983

Ion	Ratio	Lower	Upper
77	100		
105	81.2	66.8	106.8
106	71.1	64.0	104.0



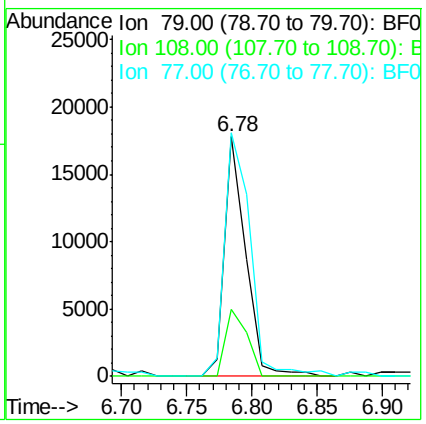


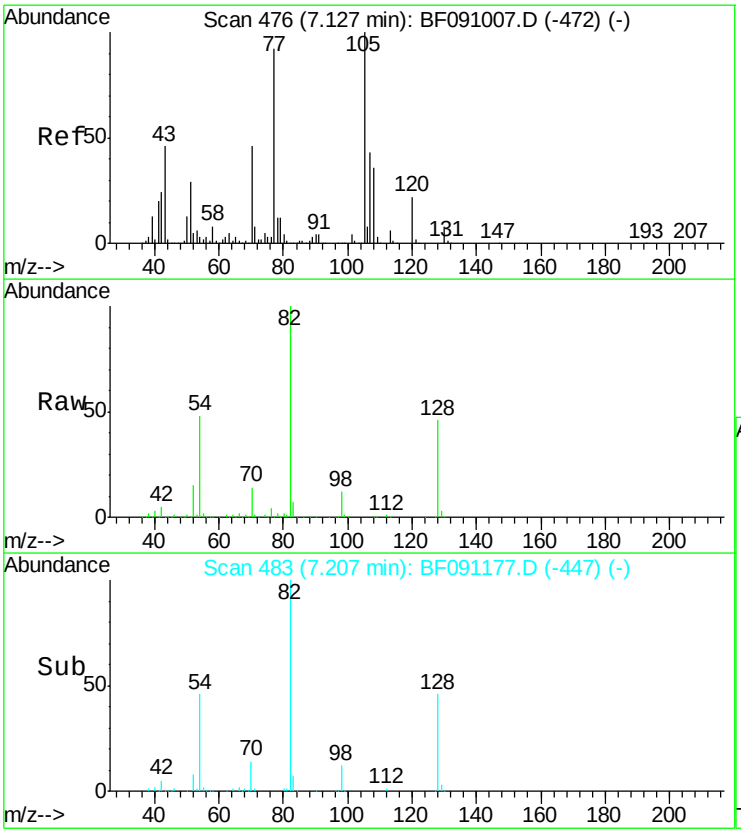
#15
Benzyl Alcohol
Concen: 2.11 ng
RT: 6.78 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion: 79 Resp: 20259

Ion	Ratio	Lower	Upper
79	100		
108	28.2	55.7	83.5#
77	101.6	52.6	79.0#

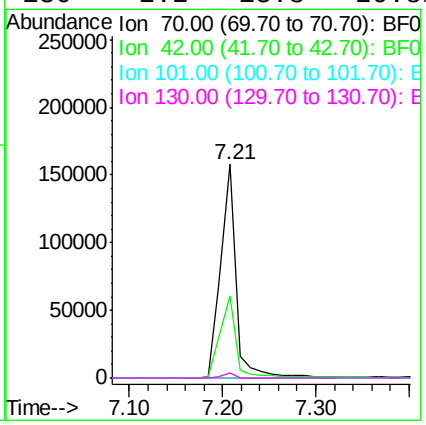


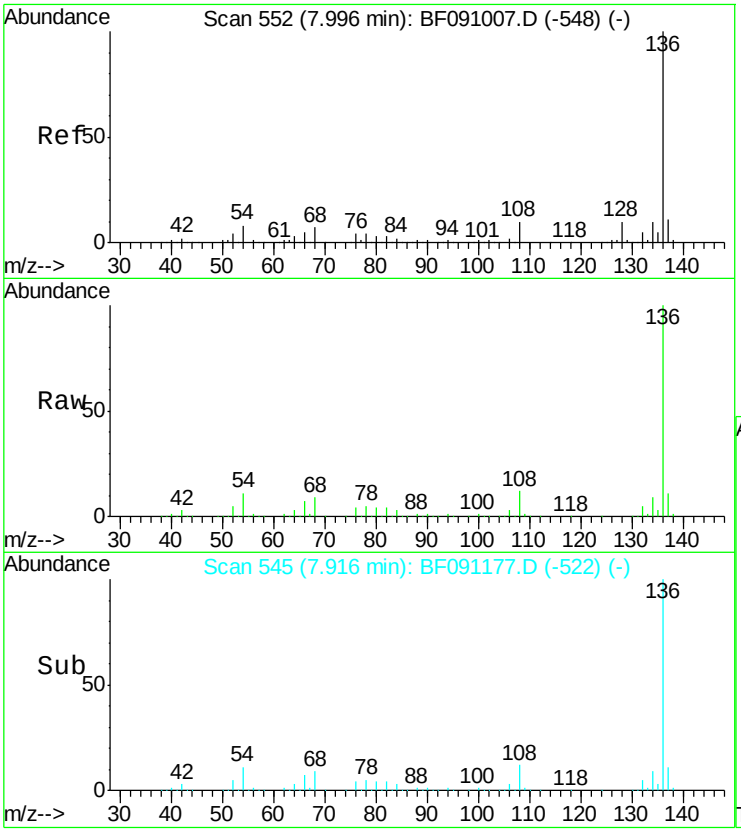


#19
n-Nitroso-di-n-propylamine
Concen: 19.43 ng
RT: 7.21 min Scan# 483
Delta R.T. 0.11 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion: 70 Resp: 183146

Ion	Ratio	Lower	Upper
70	100		
42	38.3	41.7	62.5#
101	0.0	6.7	10.1#
130	2.2	13.8	20.8#



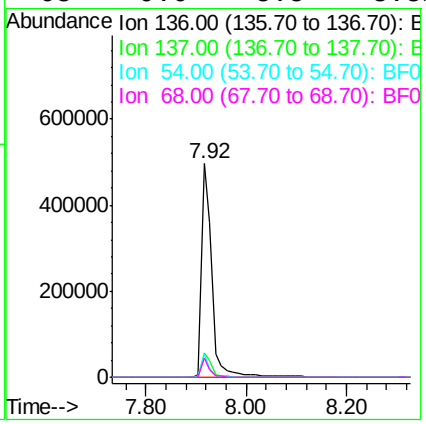


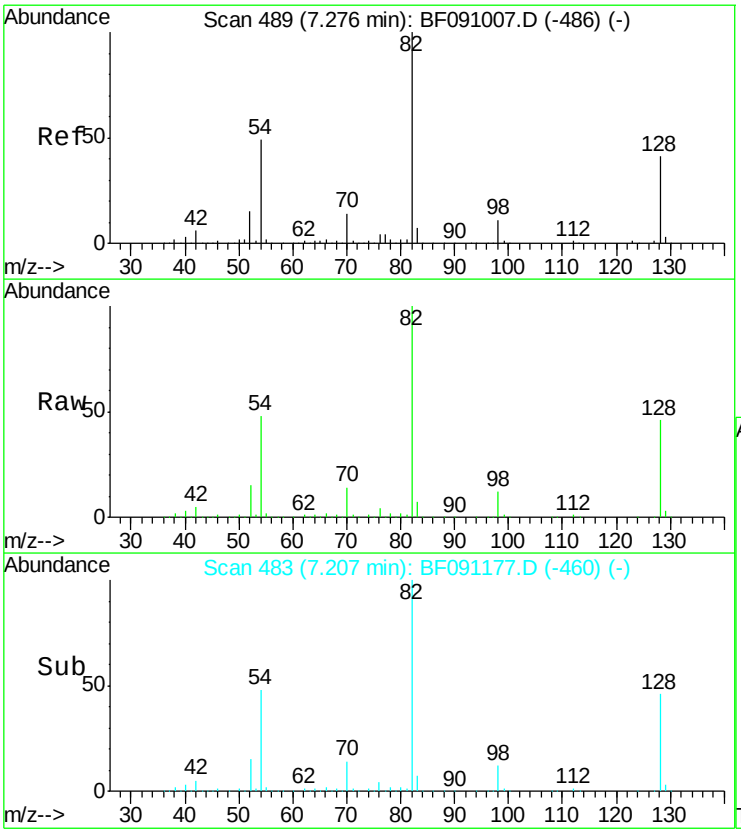
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 545
Delta R.T. -0.03 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion:136 Resp: 705468

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	10.6	6.2	9.2#
68	9.0	5.5	8.3#

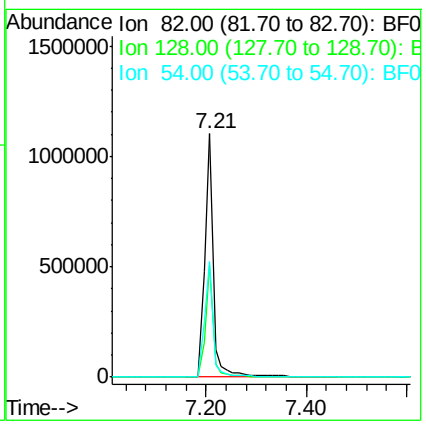


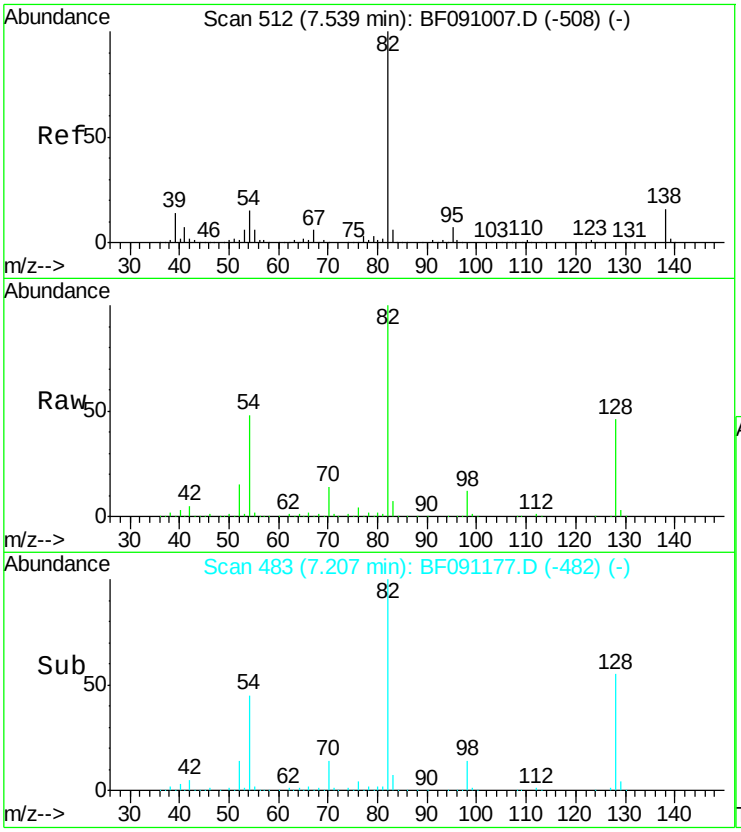


#23
Nitrobenzene-d5
Concen: 101.73 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion: 82 Resp: 1315639

Ion	Ratio	Lower	Upper
82	100		
128	45.7	32.4	48.6
54	47.7	39.2	58.8



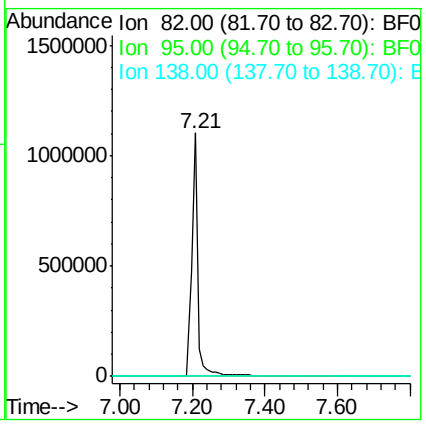


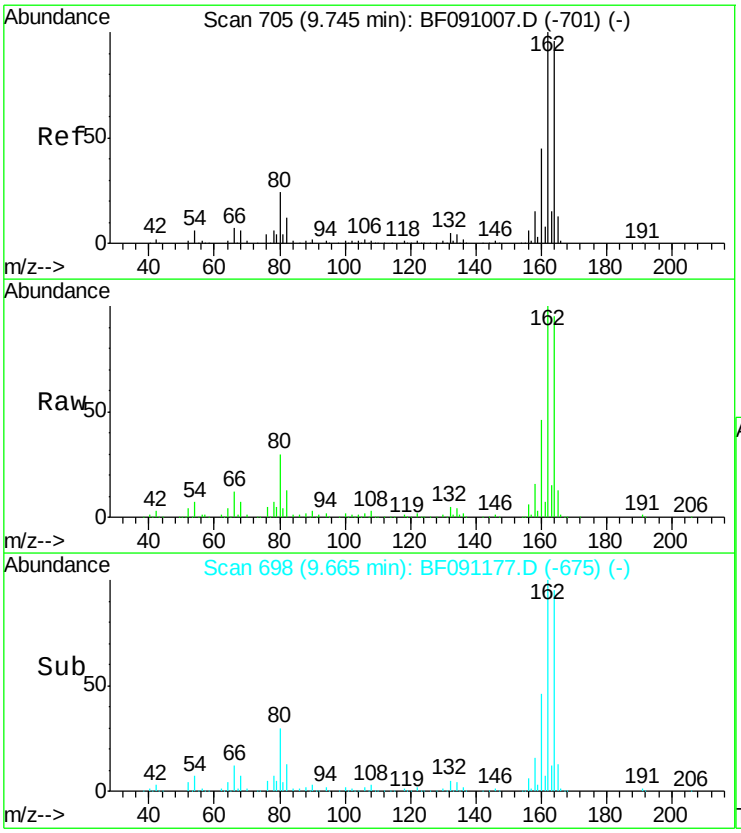
#25
Isophorone
Concen: 52.15 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.29 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion: 82 Resp: 1299605

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.4	8.0#
138	0.0	13.0	19.4#

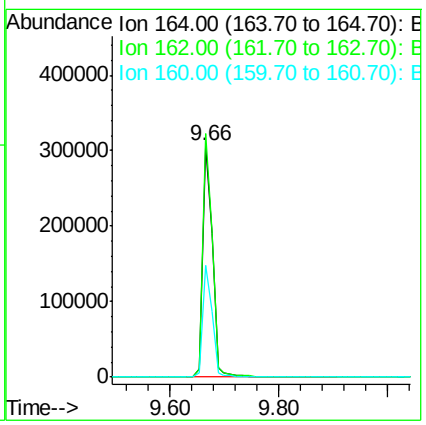


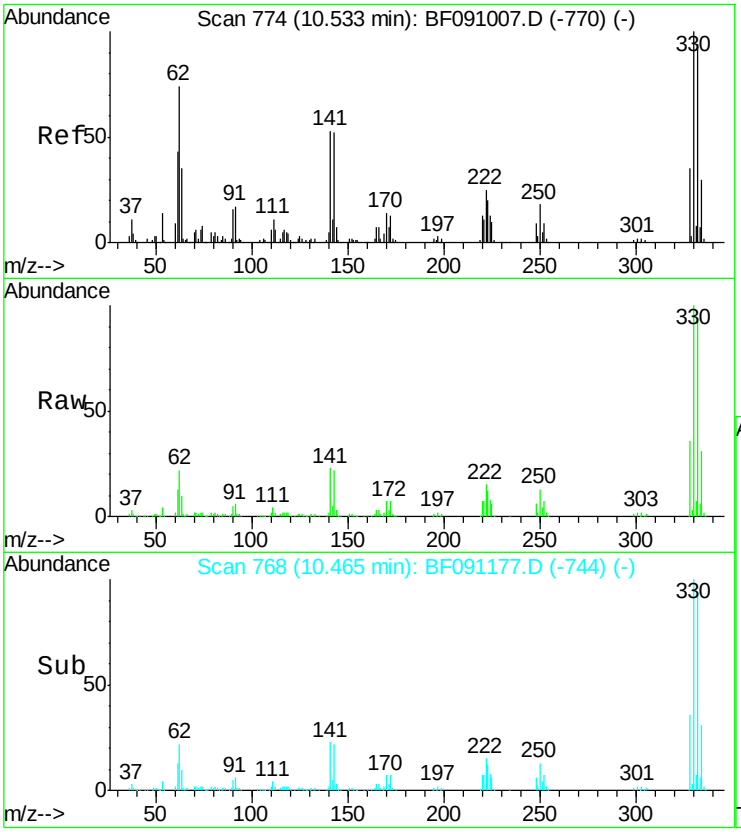


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion:164 Resp: 369407

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.6	125.4
160	48.0	37.9	56.9



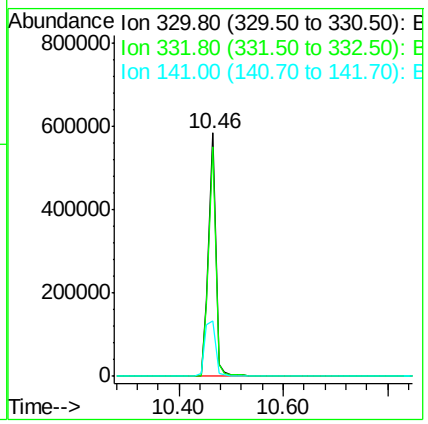


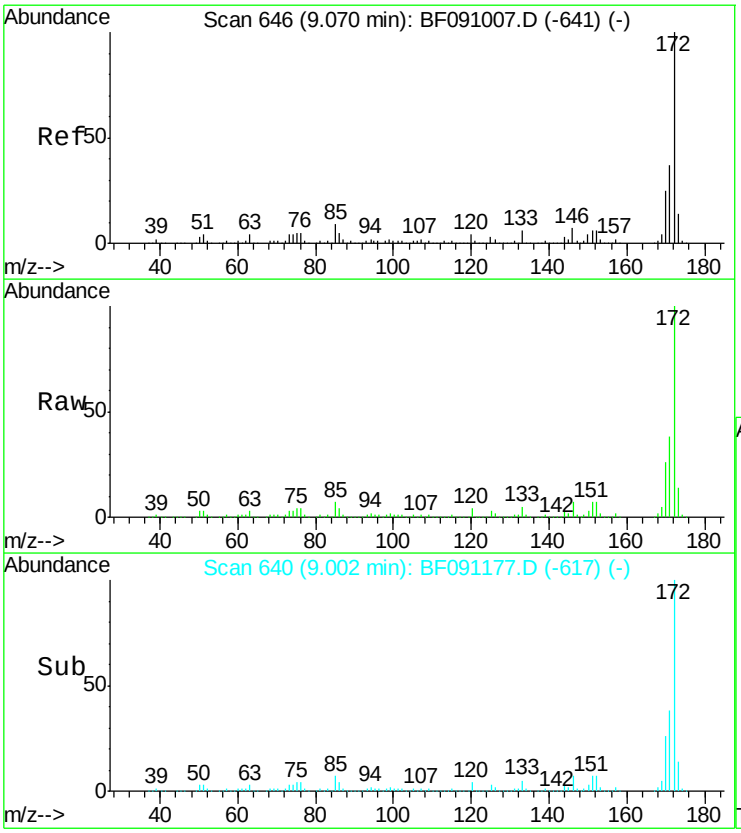
#41
2,4,6-Tribromophenol
Concen: 170.73 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion:330 Resp: 570177

Ion	Ratio	Lower	Upper
330	100		
332	94.4	75.9	113.9
141	34.4	36.1	54.1#

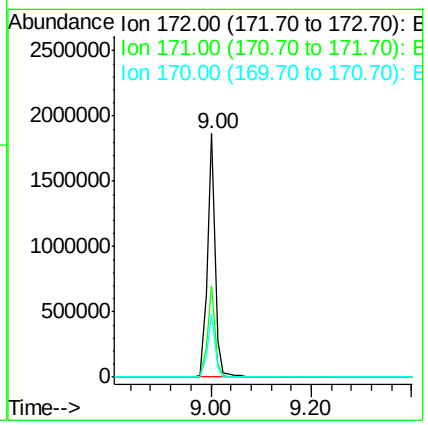


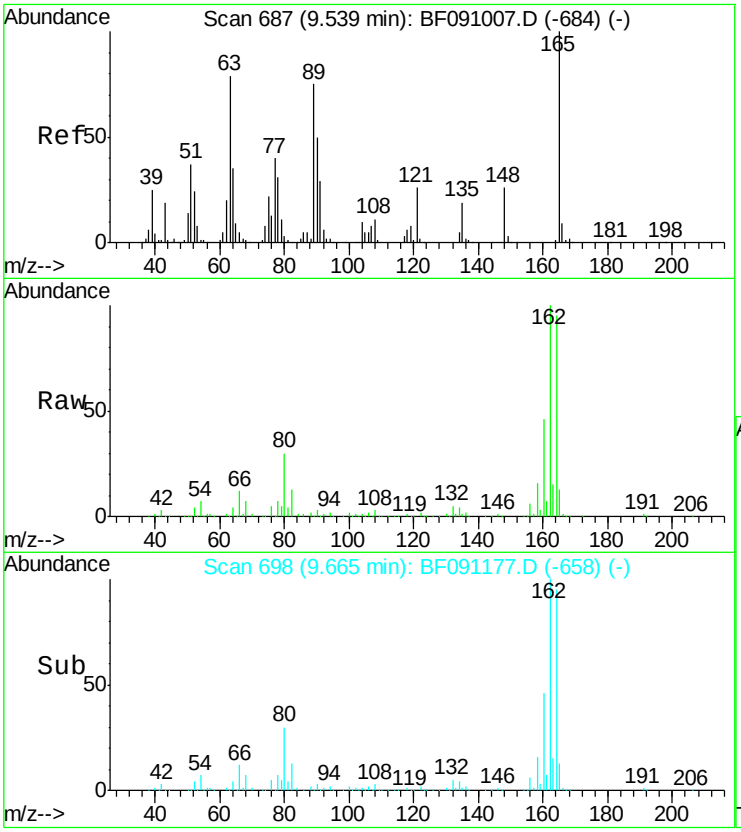


#44
2-Fluorobiphenyl
Concen: 93.07 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion:172 Resp: 1996995

Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	26.1	20.3	30.5



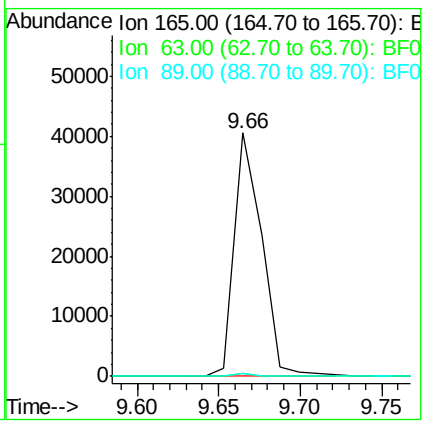


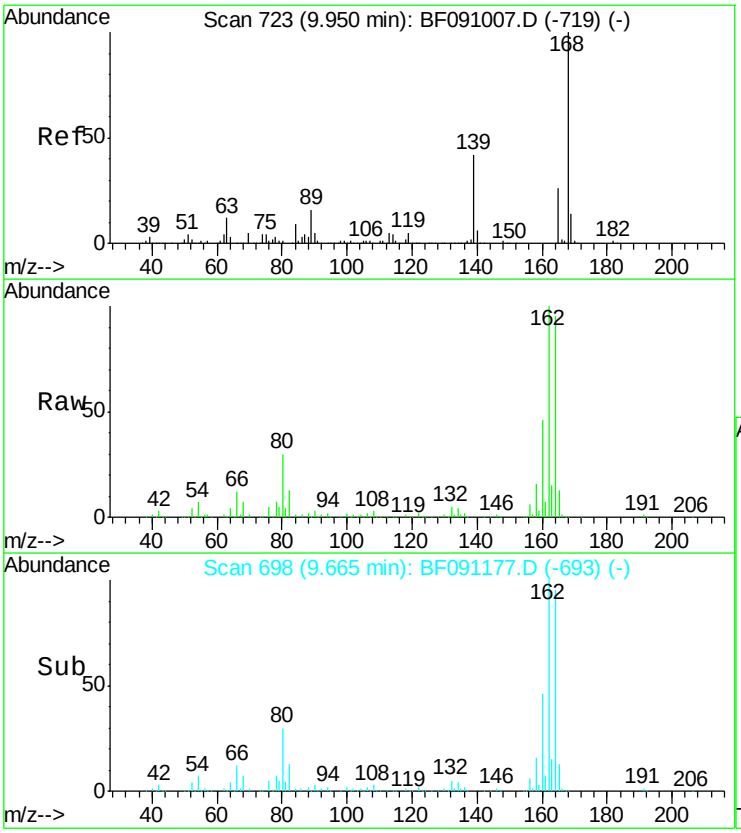
#50
2,6-Dinitrotoluene
Concen: 9.05 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.16 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion:165 Resp: 46959

Ion	Ratio	Lower	Upper
165	100		
63	1.4	65.6	98.4#
89	1.3	59.8	89.6#

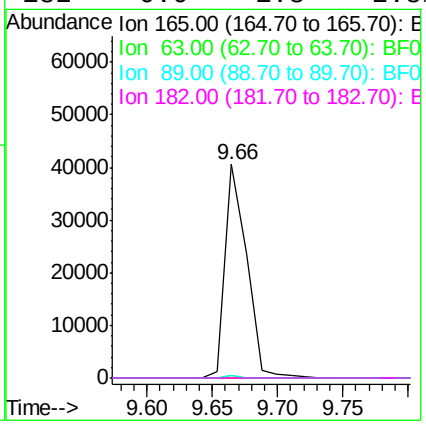


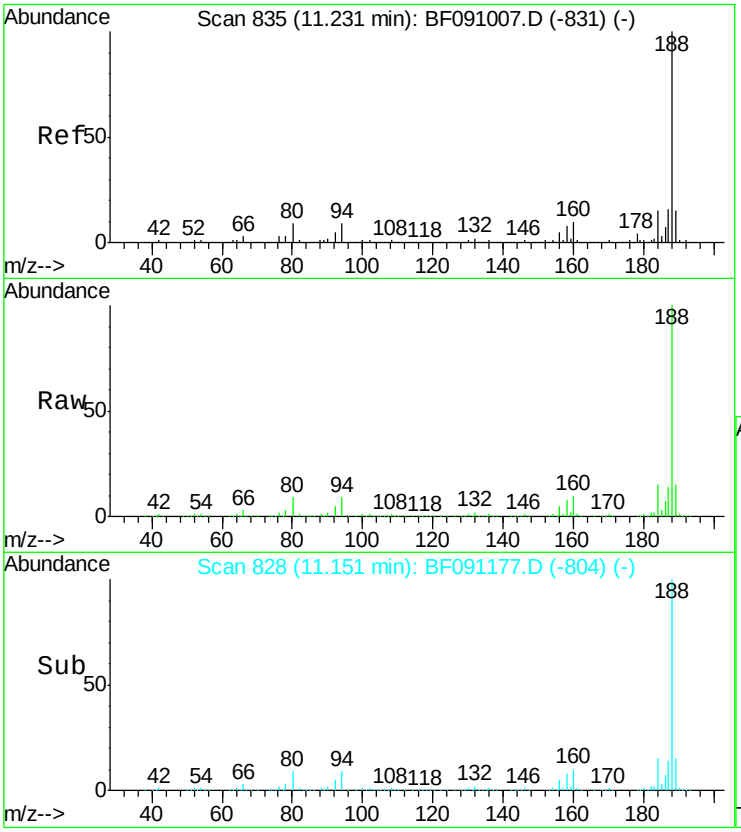


#56
2,4-Dinitrotoluene
Concen: 7.11 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.24 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion:165 Resp: 46955

Ion	Ratio	Lower	Upper
165	100		
63	1.4	38.7	58.1#
89	1.3	50.6	76.0#
182	0.0	1.8	2.8#



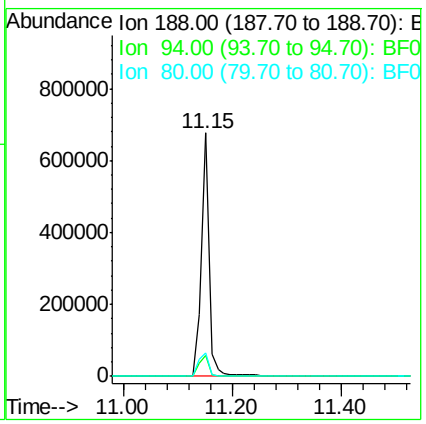


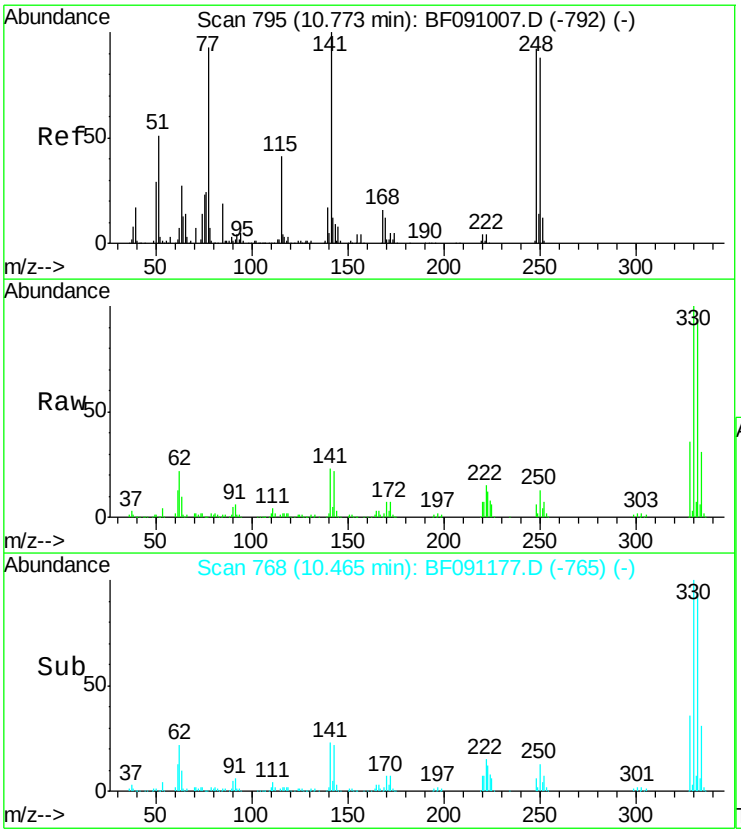
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion:188 Resp: 671914

Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.0	10.4
80	9.4	7.5	11.3

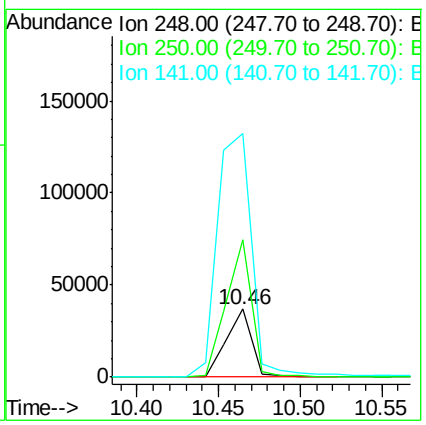


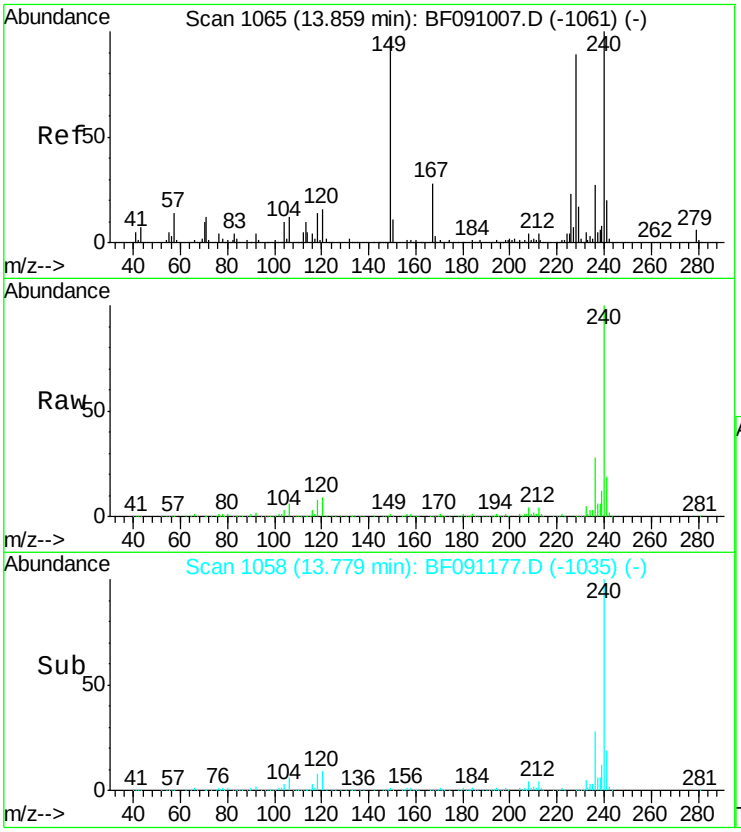


#66
4-Bromophenyl-phenylether
Concen: 5.64 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.26 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion:248 Resp: 39414

Ion	Ratio	Lower	Upper
248	100		
250	201.9	76.3	114.5#
141	359.1	86.8	130.2#



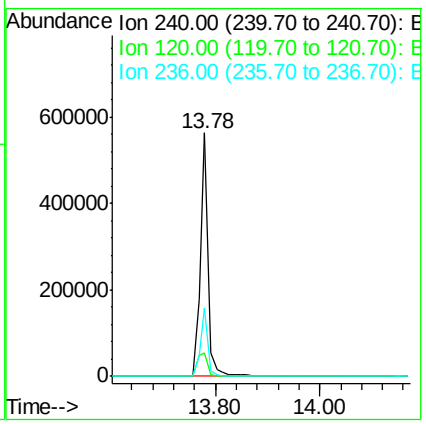


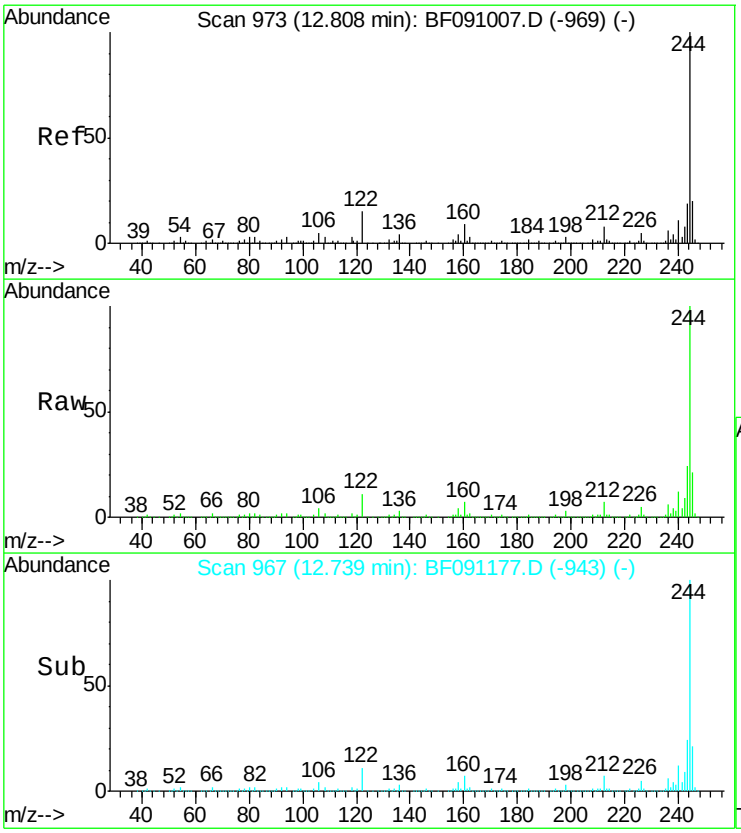
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion:240 Resp: 585064

Ion	Ratio	Lower	Upper
240	100		
120	9.4	12.9	19.3#
236	27.9	21.9	32.9

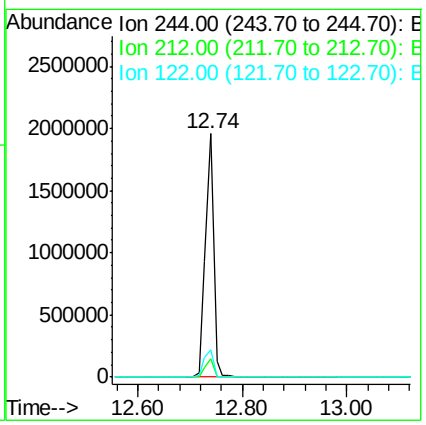


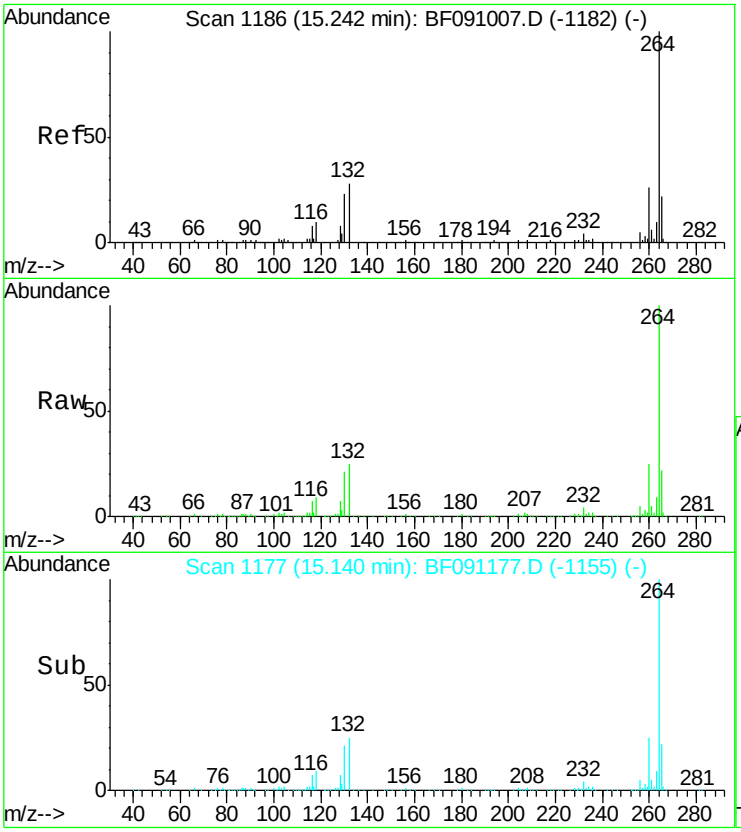


#78
Terphenyl-d14
Concen: 91.17 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Tgt Ion:244 Resp: 2137601

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	11.2	12.3	18.5#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1177
Delta R.T. -0.05 min
Lab File: BF091177.D
Acq: 15 Nov 2016 14:16

Instrument :
BNA_F
ClientSampleId :
CPS043044

Tgt Ion:264 Resp: 476447

Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.6	30.8
265	22.2	17.8	26.8