Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091089.D
Acq On : 8 Nov 2016 18:33
Operator : UM/SJ
Sample : H5581-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW27

Quant Time: Nov 09 00:43:52 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	6.66	152	171966	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	712158	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	380730	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	624472	20.00	ng		0.00
75) Chrysene-d12	13.80	240	509275	20.00	ng		-0.01
86) Perylene-d12	15.17	264	377243	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	628310	60.34	ng		0.00
7) Phenol-d6	6.30	99	545597	38.60	ng		-0.01
23) Nitrobenzene-d5	7.23	82	1147978	87.93	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	454641	132.08	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1887213	85.34	ng		-0.01
78) Terphenyl-d14	12.76	244	1907855	93.48	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	29701	3.79	ng		88
15) Benzyl Alcohol	6.82	79	21565	2.16	ng	#	51
19) n-Nitroso-di-n-propylamine	7.23	70	161816	16.52	ng	#	79
25) Isophorone	7.23	82	952597	37.87	ng	#	67
50) 2,6-Dinitrotoluene	9.70	165	49114	9.18	ng	#	11
56) 2,4-Dinitrotoluene	9.70	165	49107	7.21	ng	#	25
66) 4-Bromophenyl-phenylether	10.49	248	33415	5.14	ng	#	1

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

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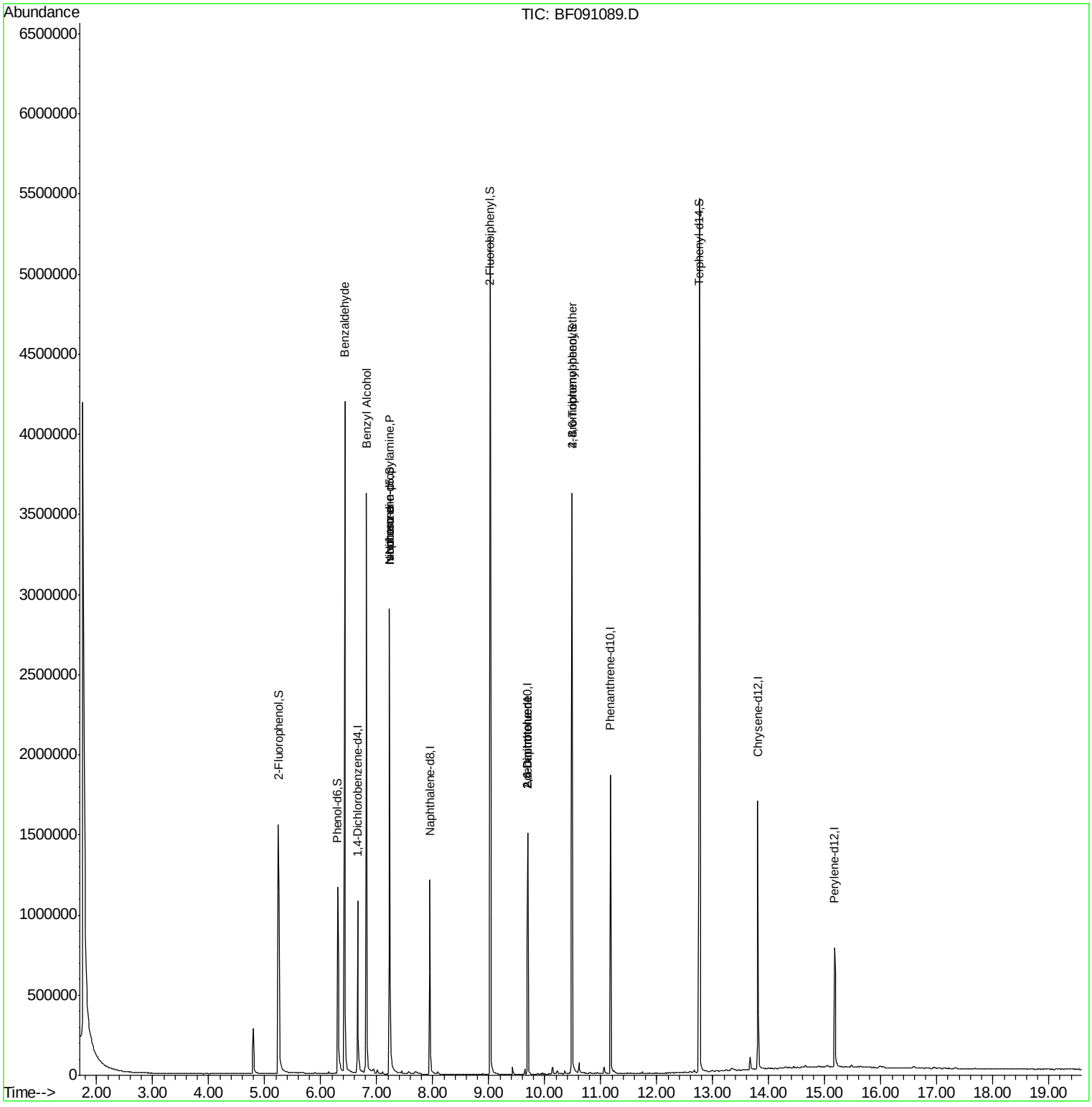
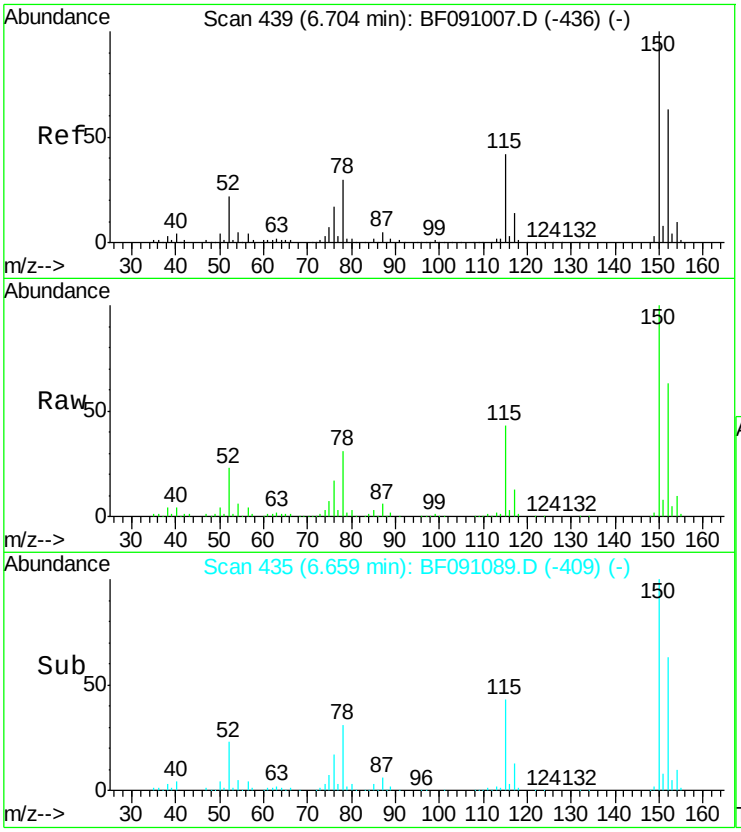


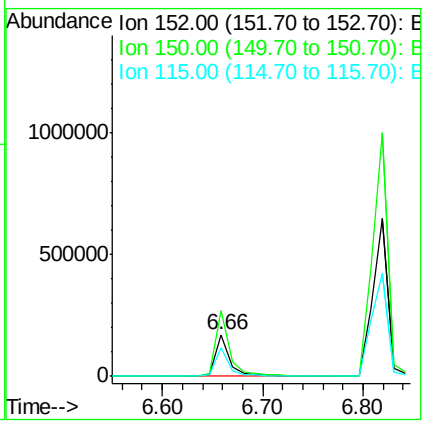


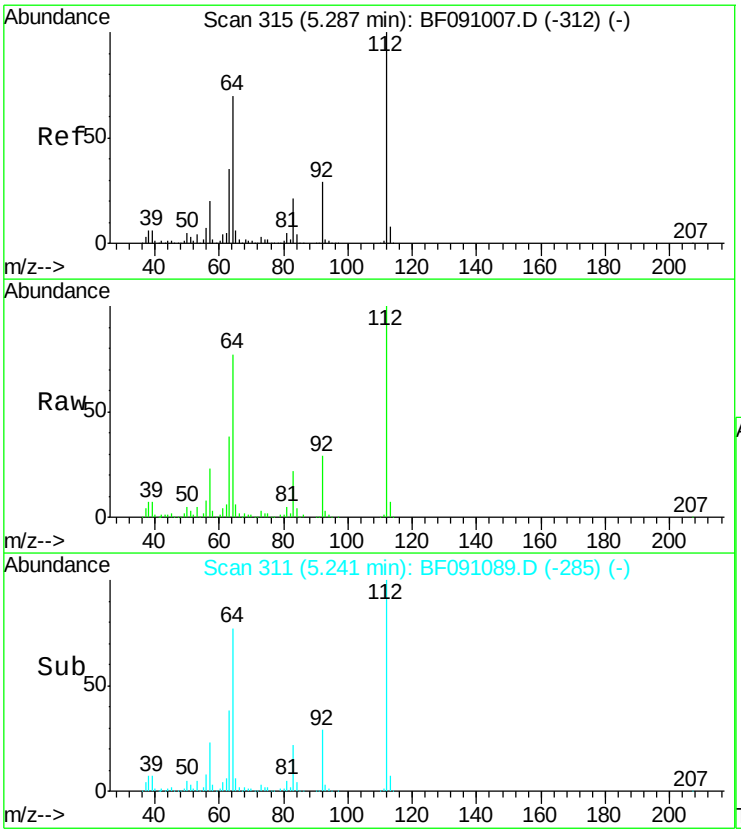
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. -0.00 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Instrument :
BNA_F
ClientSampleId :
MW27

Tgt Ion:152 Resp: 171966

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.8	190.2
115	67.5	53.3	79.9

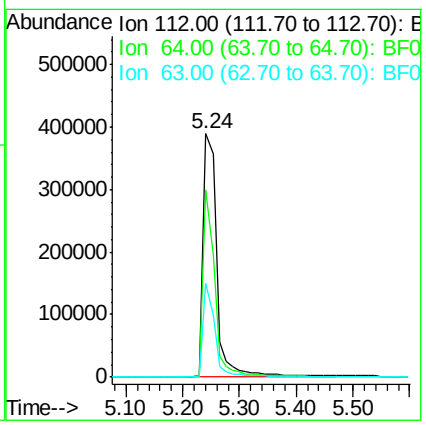


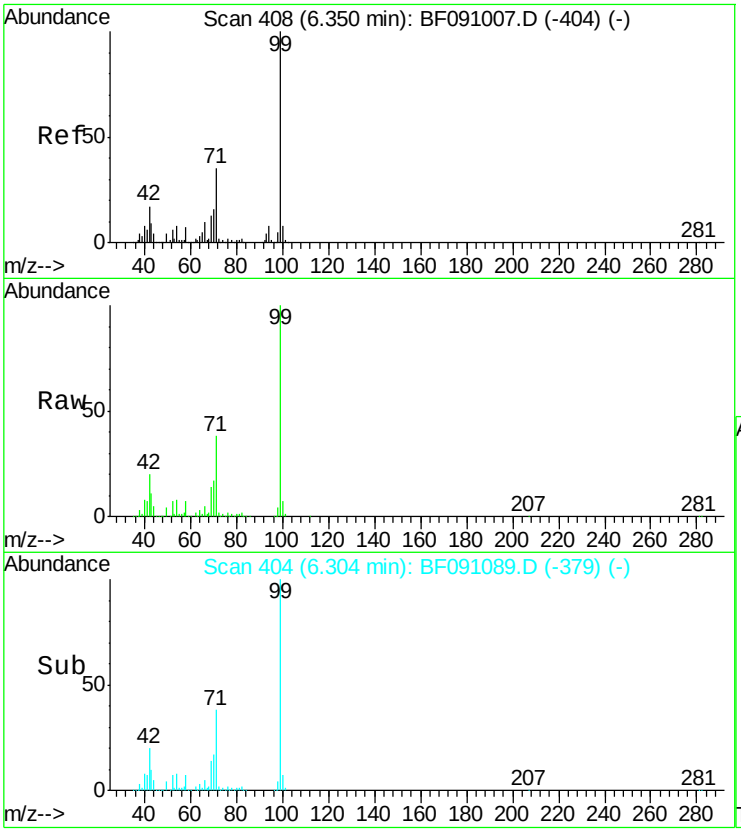


#5
2-Fluorophenol
Concen: 60.34 ng
RT: 5.24 min Scan# 311
Delta R.T. -0.00 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Tgt Ion:112 Resp: 628310

Ion	Ratio	Lower	Upper
112	100		
64	76.7	55.8	83.6
63	38.5	28.0	42.0



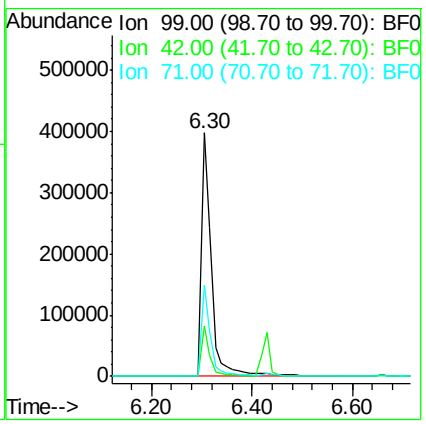


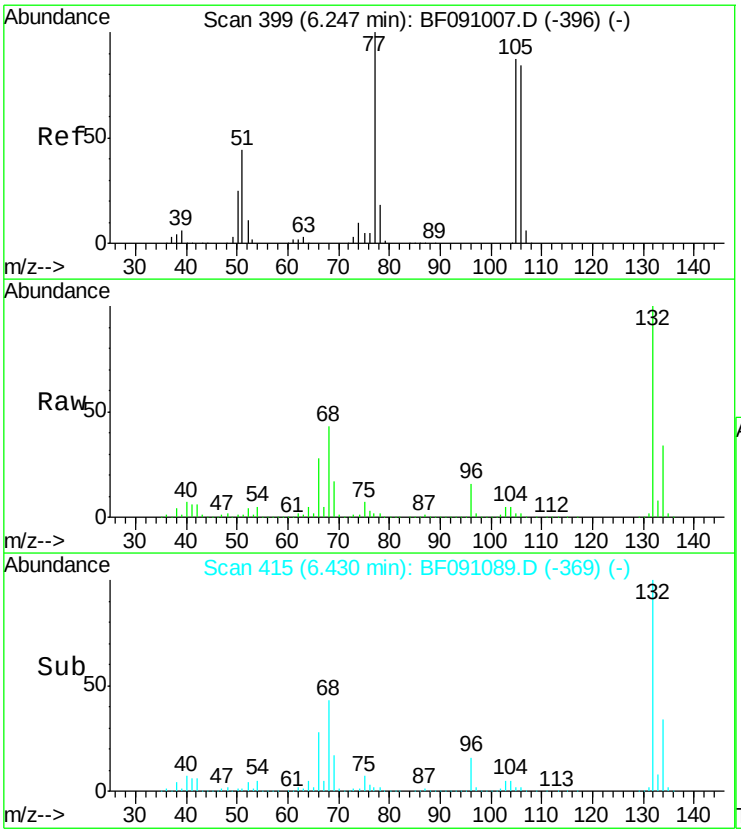
#7
Phenol-d6
Concen: 38.60 ng
RT: 6.30 min Scan# 404
Delta R.T. -0.01 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Instrument :
BNA_F
ClientSampleId :
MW27

Tgt Ion: 99 Resp: 545597

Ion	Ratio	Lower	Upper
99	100		
42	20.5	13.9	20.9
71	37.6	27.8	41.8

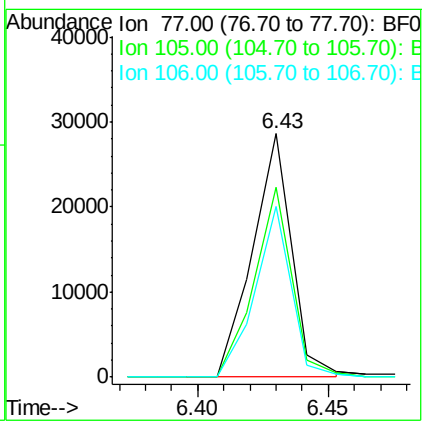


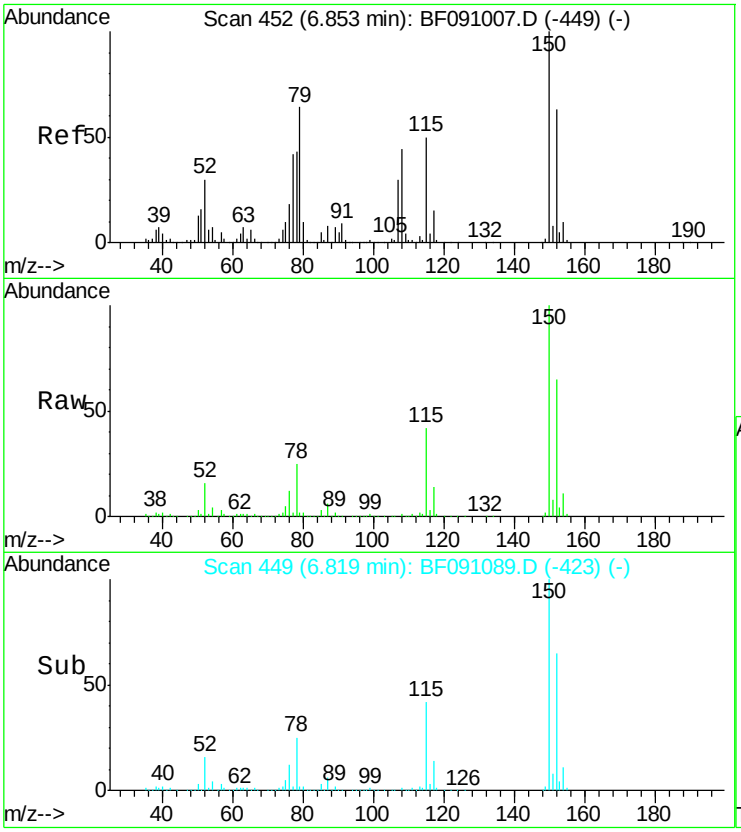


#9
Benzaldehyde
Concen: 3.79 ng
RT: 6.43 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Tgt Ion: 77 Resp: 29701

Ion	Ratio	Lower	Upper
77	100		
105	77.8	66.8	106.8
106	70.3	64.0	104.0



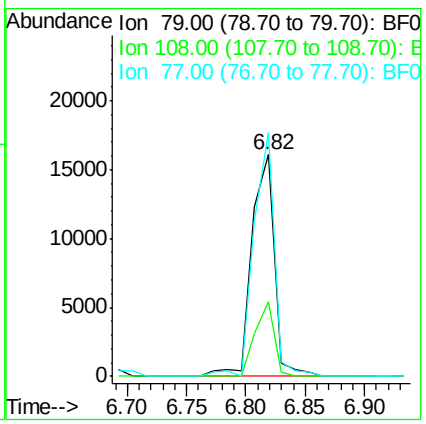


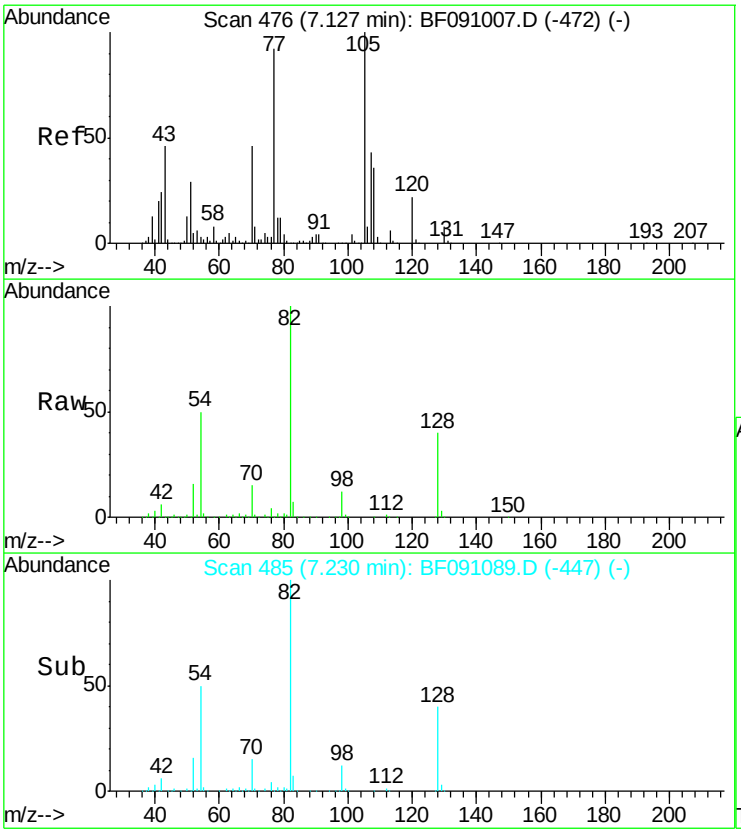
#15
Benzyl Alcohol
Concen: 2.16 ng
RT: 6.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Instrument :
BNA_F
ClientSampleId :
MW27

Tgt Ion: 79 Resp: 21565

Ion	Ratio	Lower	Upper
79	100		
108	33.9	55.7	83.5#
77	109.8	52.6	79.0#

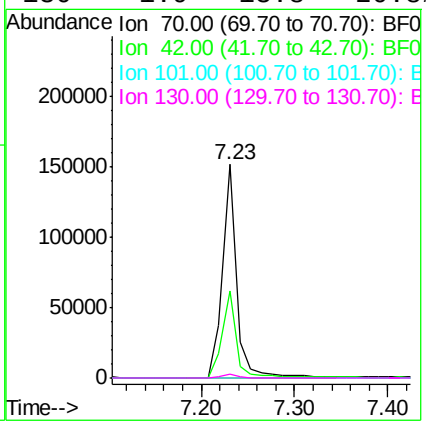


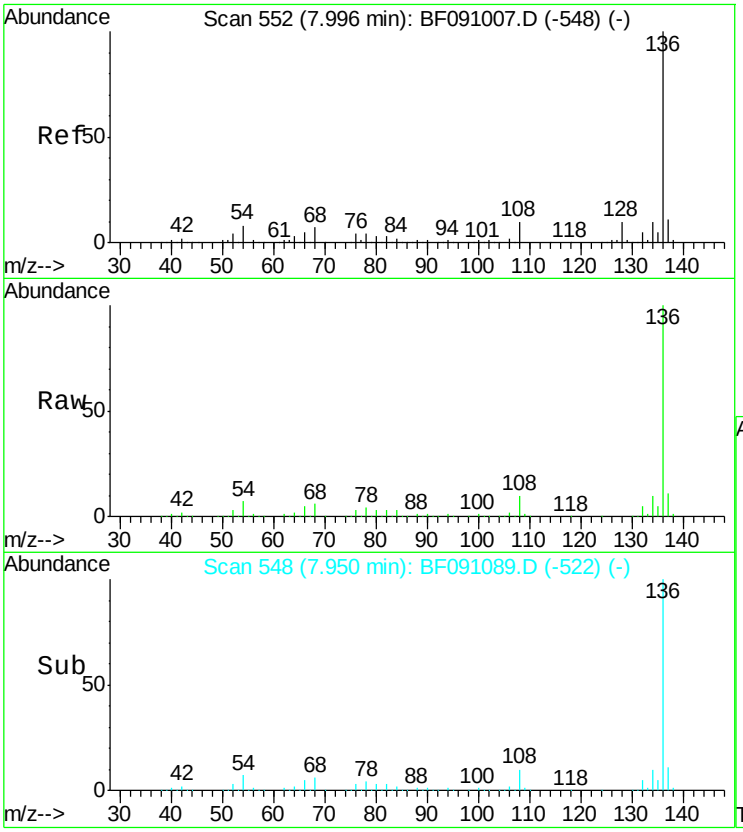


#19
n-Nitroso-di-n-propylamine
Concen: 16.52 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Tgt Ion: 70 Resp: 161816

Ion	Ratio	Lower	Upper
70	100		
42	40.6	41.7	62.5#
101	0.0	6.7	10.1#
130	1.9	13.8	20.8#



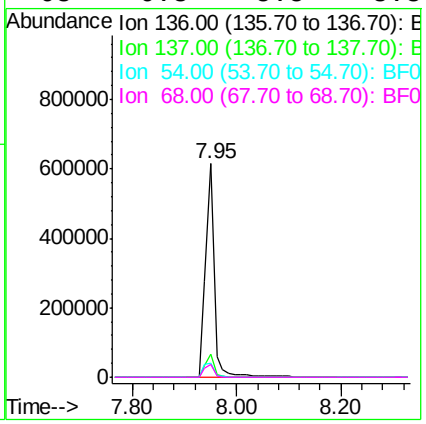


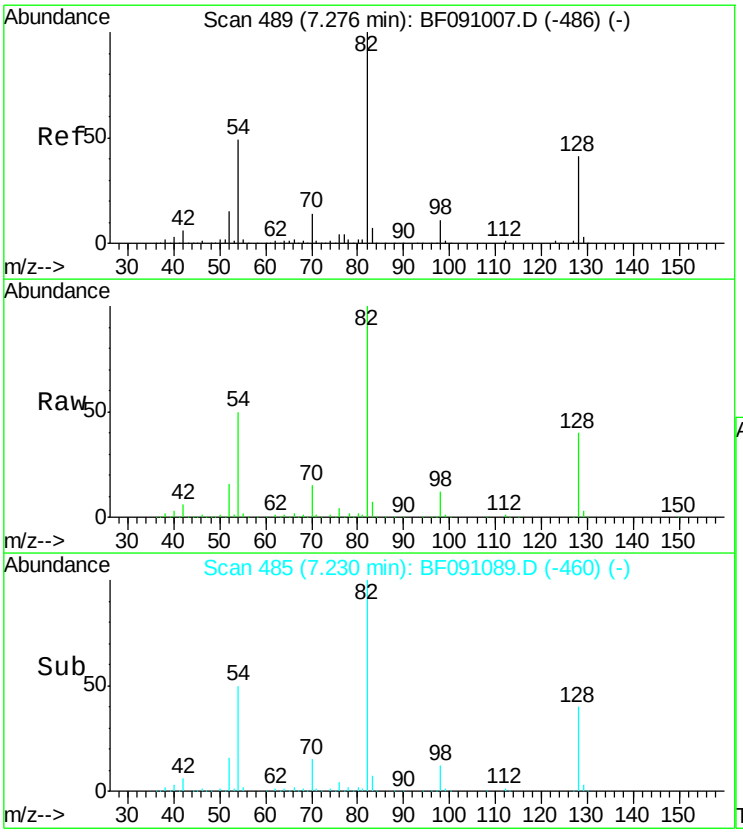
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Instrument :
BNA_F
ClientSampleId :
MW27

Tgt Ion:136 Resp: 712158

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.9	6.2	9.2
68	6.3	5.5	8.3

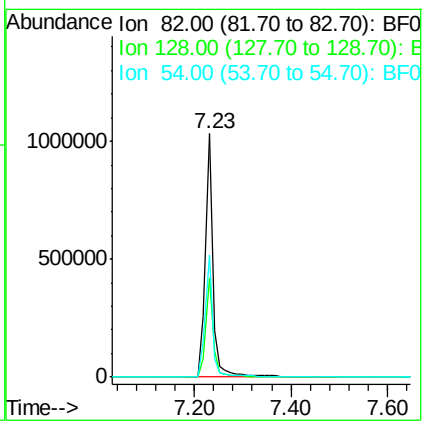


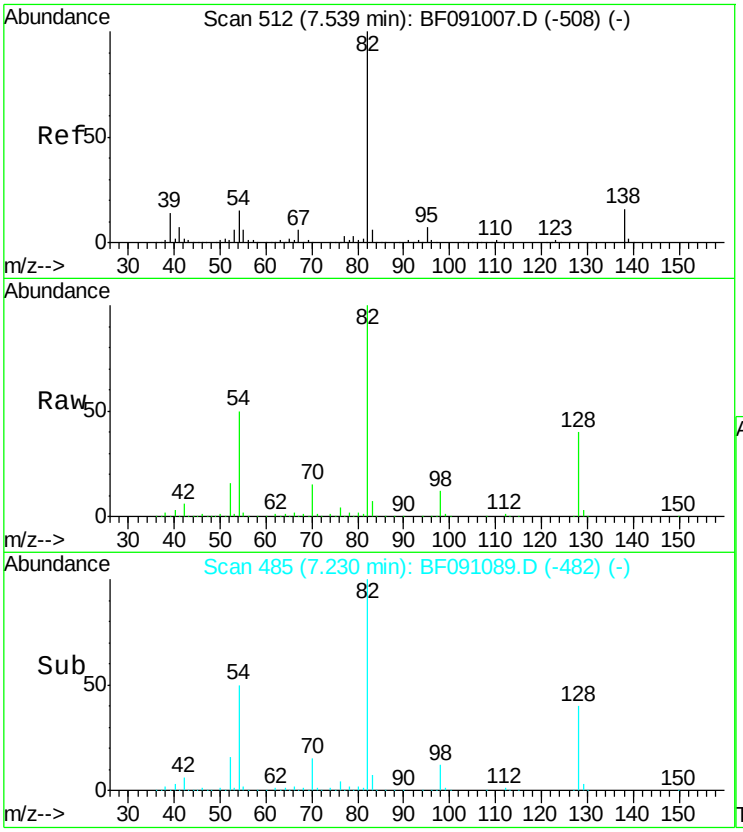


#23
Nitrobenzene-d5
Concen: 87.93 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Tgt Ion: 82 Resp: 1147978

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.4	48.6
54	49.9	39.2	58.8



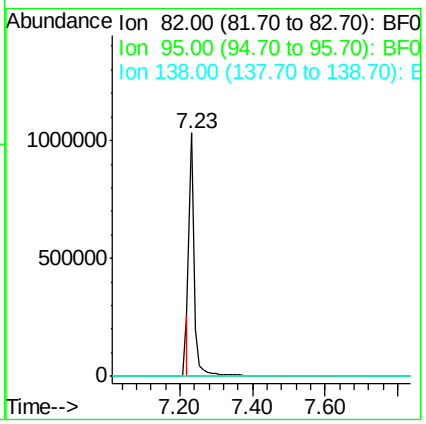


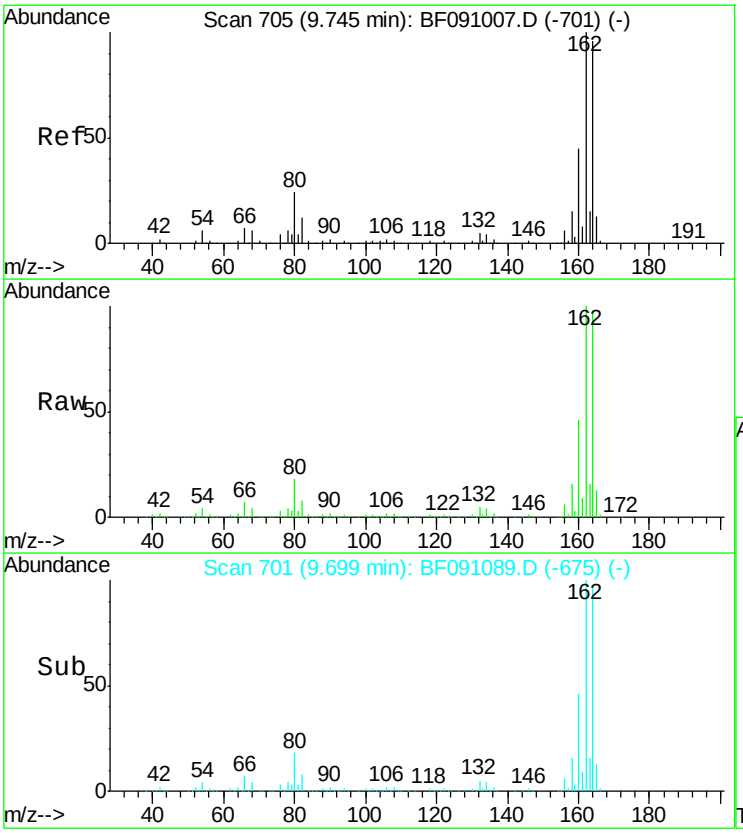
#25
Isophorone
Concen: 37.87 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.26 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Instrument :
BNA_F
ClientSampleId :
MW27

Tgt Ion: 82 Resp: 952597

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

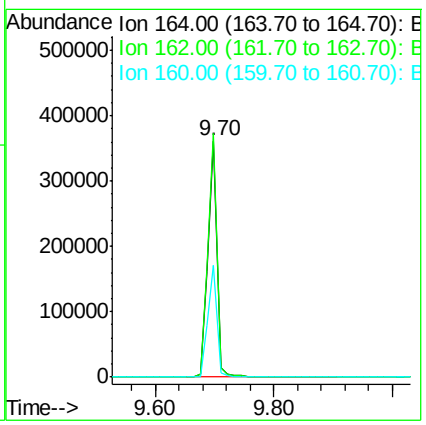


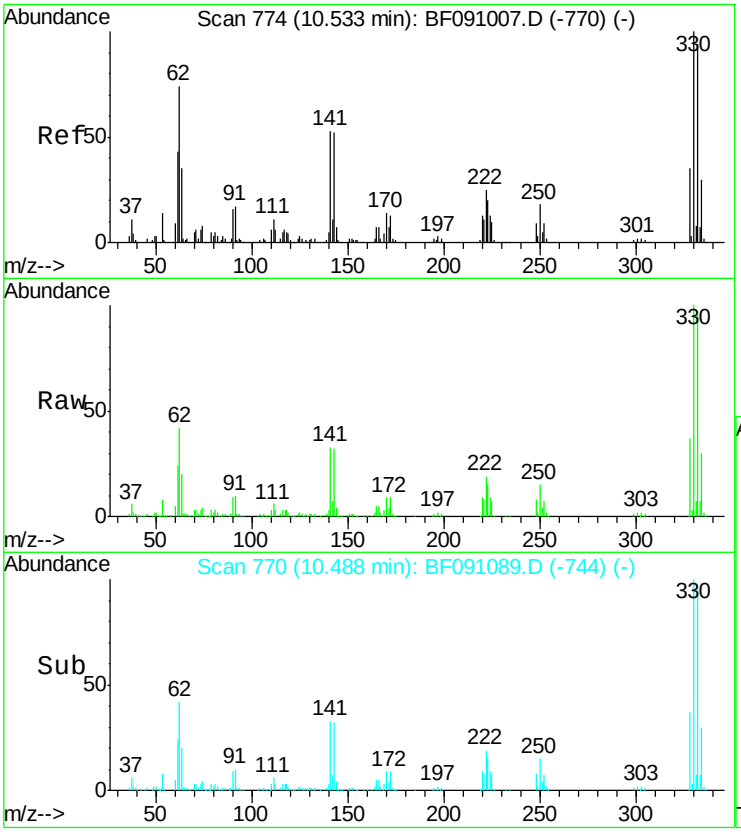


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Tgt Ion:164 Resp: 380730

Ion	Ratio	Lower	Upper
164	100		
162	103.2	83.6	125.4
160	47.5	37.9	56.9



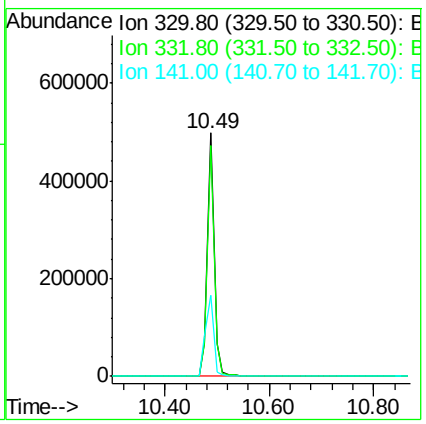


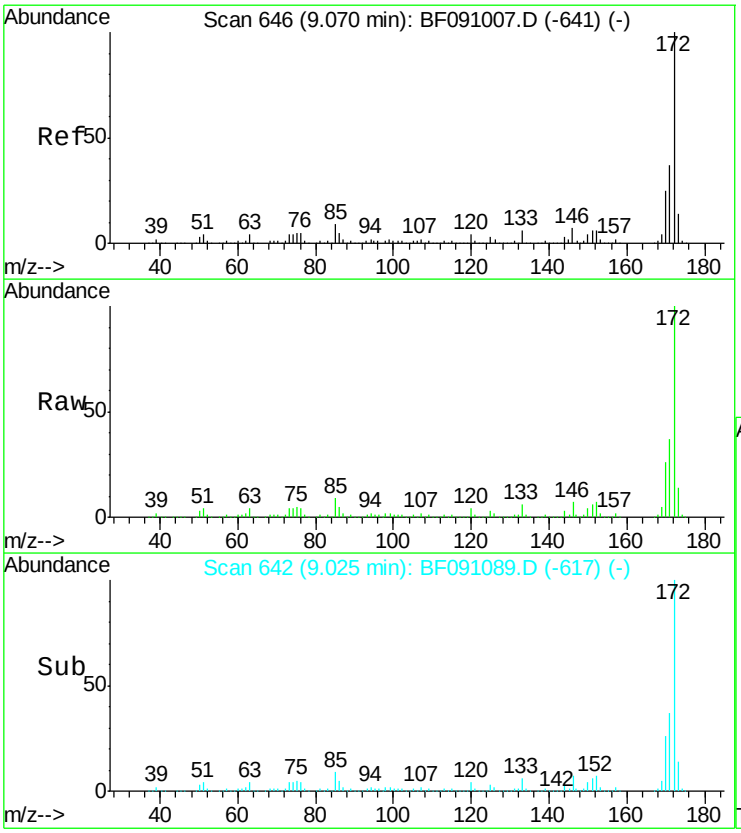
#41
2,4,6-Tribromophenol
Concen: 132.08 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Instrument :
BNA_F
ClientSampleId :
MW27

Tgt Ion:330 Resp: 454641

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.9	113.9
141	41.0	36.1	54.1

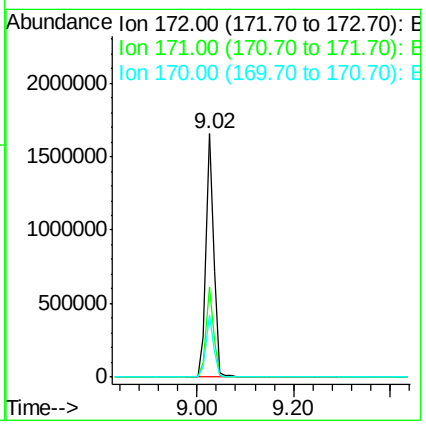


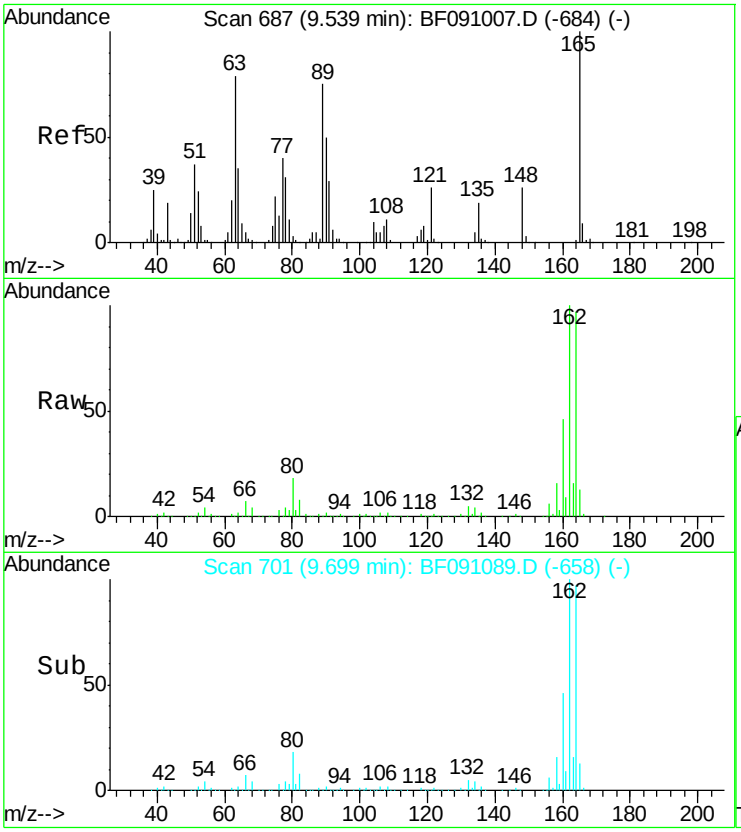


#44
2-Fluorobiphenyl
Concen: 85.34 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Tgt Ion:172 Resp: 1887213

Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.5	20.3	30.5



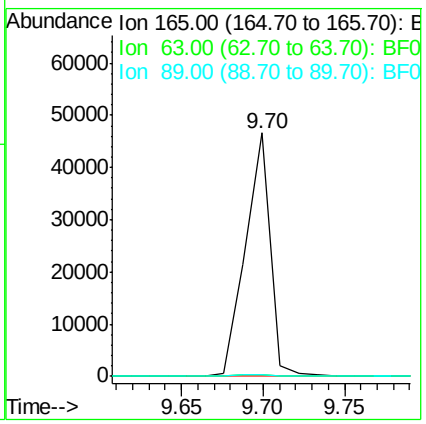


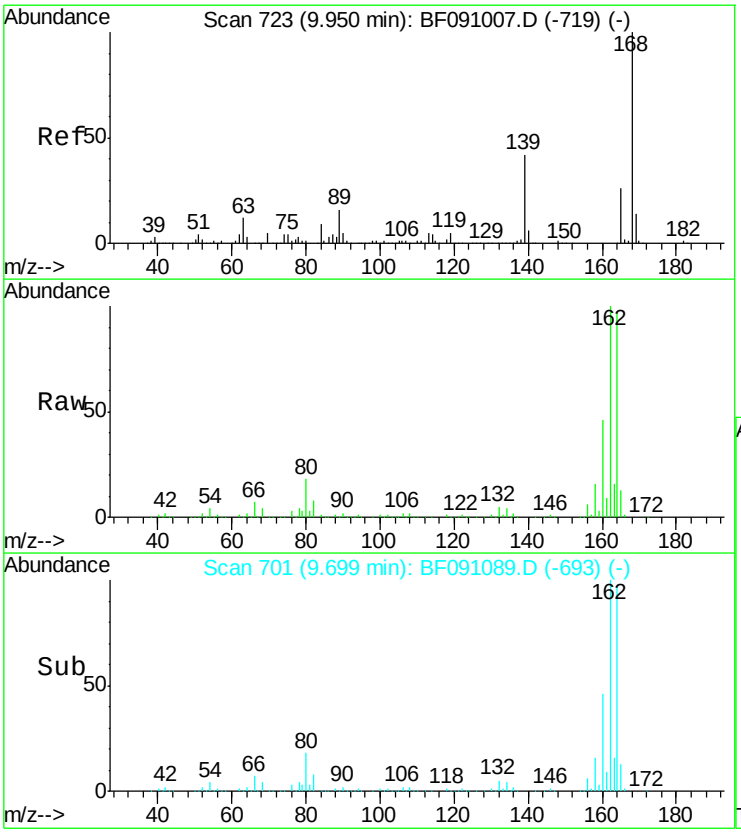
#50
2,6-Dinitrotoluene
Concen: 9.18 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.19 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Instrument :
BNA_F
ClientSampleId :
MW27

Tgt Ion:165 Resp: 49114

Ion	Ratio	Lower	Upper
165	100		
63	0.7	65.6	98.4#
89	0.8	59.8	89.6#

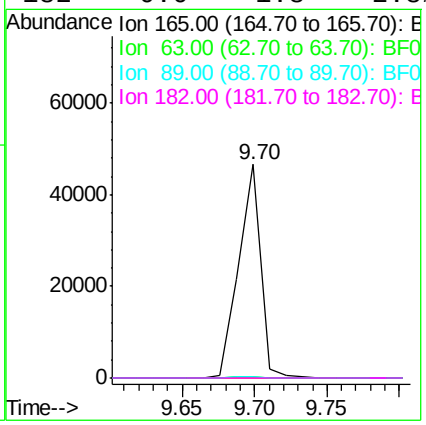


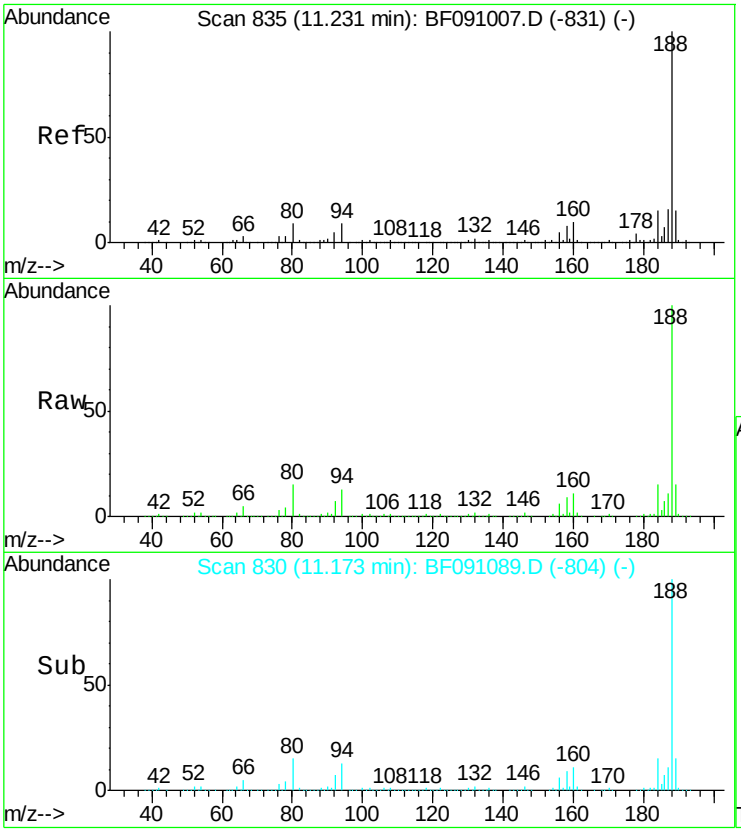


#56
2,4-Dinitrotoluene
Concen: 7.21 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Tgt Ion:165 Resp: 49107

Ion	Ratio	Lower	Upper
165	100		
63	0.7	38.7	58.1#
89	0.8	50.6	76.0#
182	0.0	1.8	2.8#



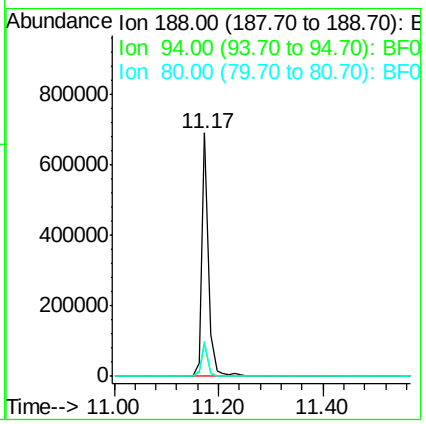


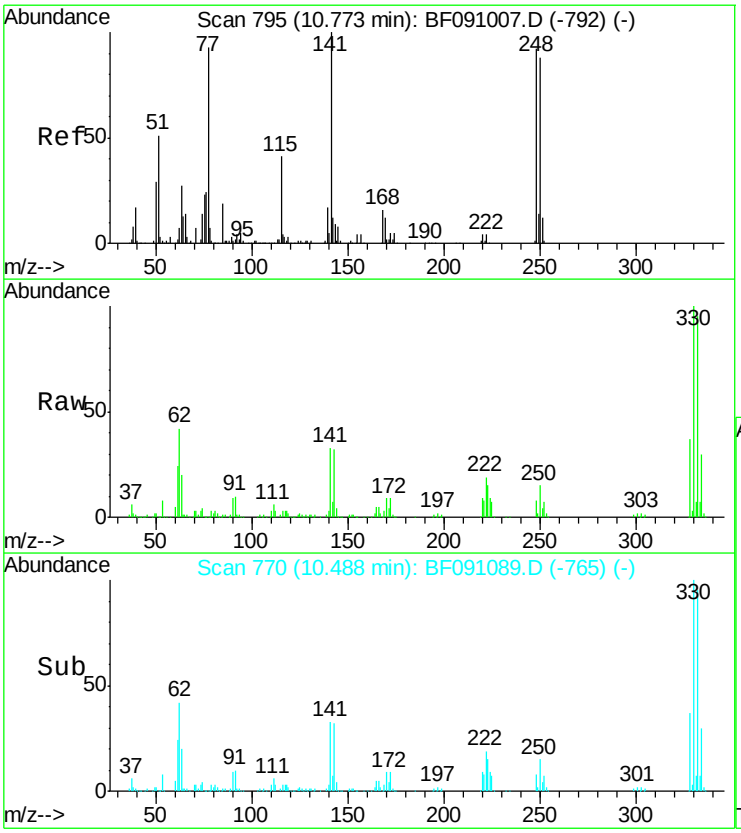
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Instrument :
BNA_F
ClientSampleId :
MW27

Tgt Ion:188 Resp: 624472

Ion	Ratio	Lower	Upper
188	100		
94	13.1	7.0	10.4#
80	14.6	7.5	11.3#

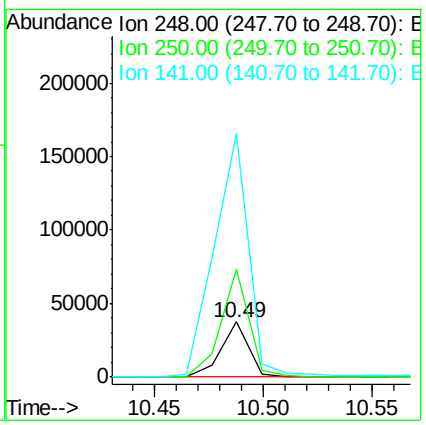


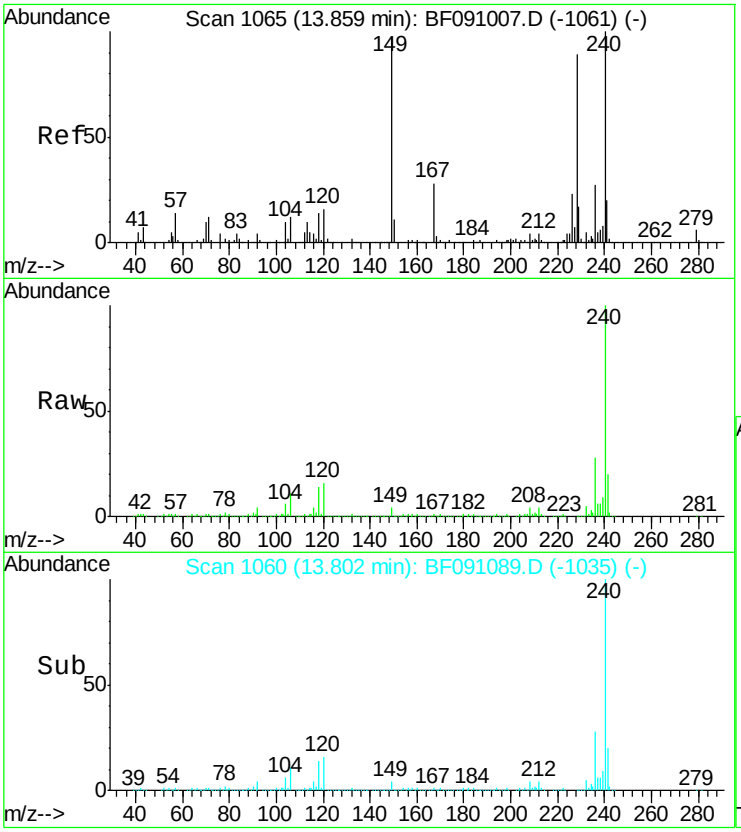


#66
4-Bromophenyl-phenylether
Concen: 5.14 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Tgt Ion:248 Resp: 33415

Ion	Ratio	Lower	Upper
248	100		
250	195.4	76.3	114.5#
141	440.6	86.8	130.2#



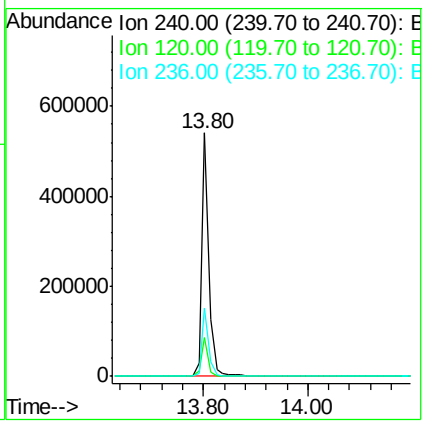


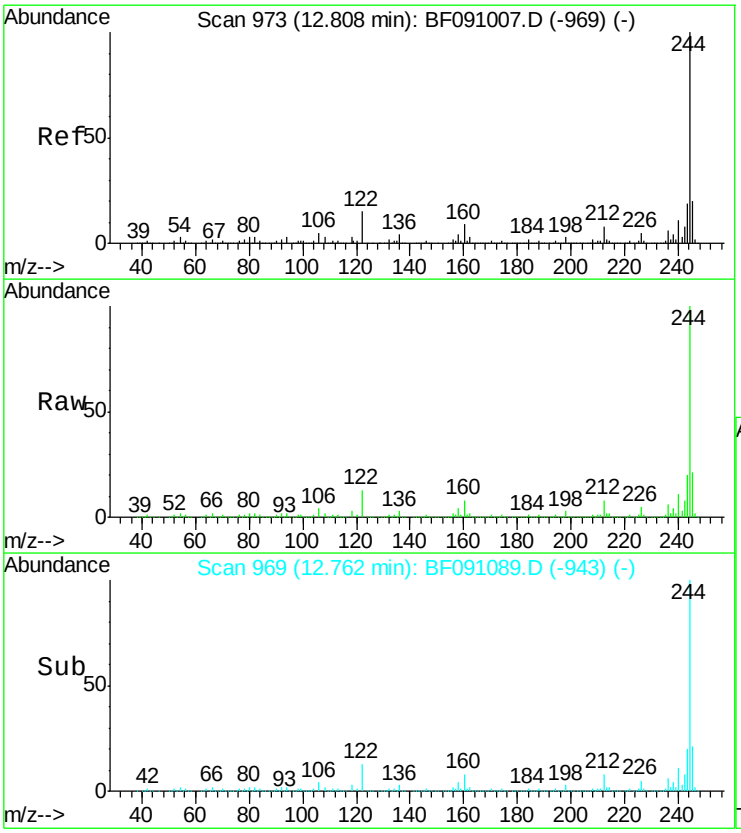
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Instrument :
BNA_F
ClientSampleId :
MW27

Tgt Ion:240 Resp: 509275

Ion	Ratio	Lower	Upper
240	100		
120	16.0	12.9	19.3
236	27.8	21.9	32.9

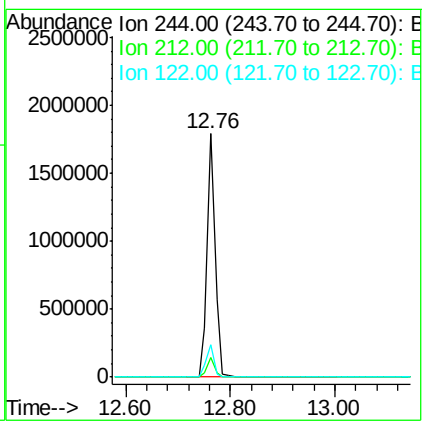


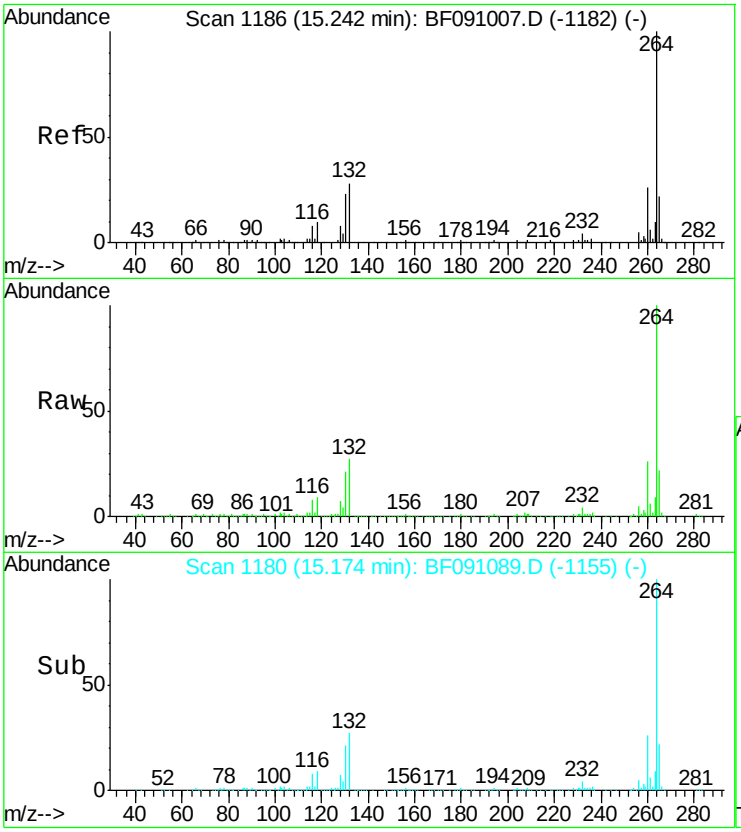


#78
Terphenyl-d14
Concen: 93.48 ng
RT: 12.76 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Tgt Ion:244 Resp: 1907855

Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	13.1	12.3	18.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091089.D
Acq: 8 Nov 2016 18:33

Instrument :
BNA_F
ClientSampleId :
MW27

Tgt Ion:264 Resp: 377243

Ion	Ratio	Lower	Upper
264	100		
260	25.6	20.6	30.8
265	22.0	17.8	26.8