Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091790.D
Acq On : 19 Dec 2016 23:10
Operator : UM/SJ
Sample : H6011-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-23

Quant Time: Dec 20 00:00:59 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	252086	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	1017895	20.00	ng		-0.02
38) Acenaphthene-d10	9.79	164	491416	20.00	ng		-0.02
63) Phenanthrene-d10	11.28	188	881118	20.00	ng		-0.01
75) Chrysene-d12	13.91	240	650430	20.00	ng		-0.02
86) Perylene-d12	15.30	264	516743	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	909701	60.46	ng		-0.01
7) Phenol-d6	6.40	99	612030	33.35	ng		-0.02
23) Nitrobenzene-d5	7.32	82	1303619	73.86	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	585781	140.58	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	2482657	101.50	ng		-0.01
78) Terphenyl-d14	12.86	244	2072023	80.44	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	1235	Below Cal			91
10) Phenol	6.41	94	53143	2.57	ng	#	75
19) n-Nitroso-di-n-propylamine	7.32	70	173747	14.23	ng	#	77
25) Isophorone	7.32	82	1046762	31.08	ng	#	65
50) 2,6-Dinitrotoluene	9.79	165	63702	9.05	ng	#	30
56) 2,4-Dinitrotoluene	9.79	165	63692	7.24	ng	#	19
66) 4-Bromophenyl-phenylether	10.59	248	35997	3.90	ng	#	1

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

Quantitation Report (Not Reviewed)

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Misc :
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Instrument :
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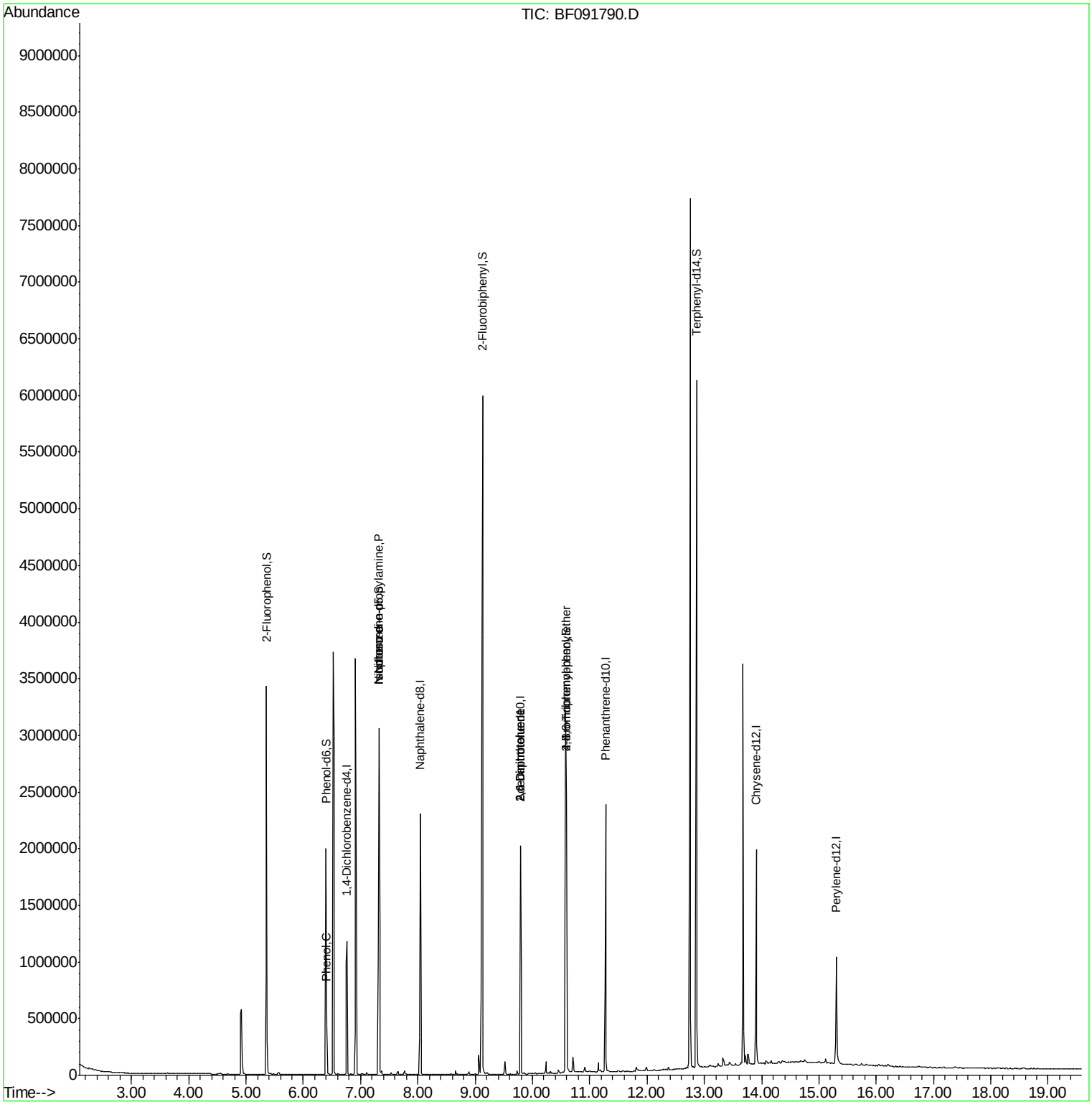
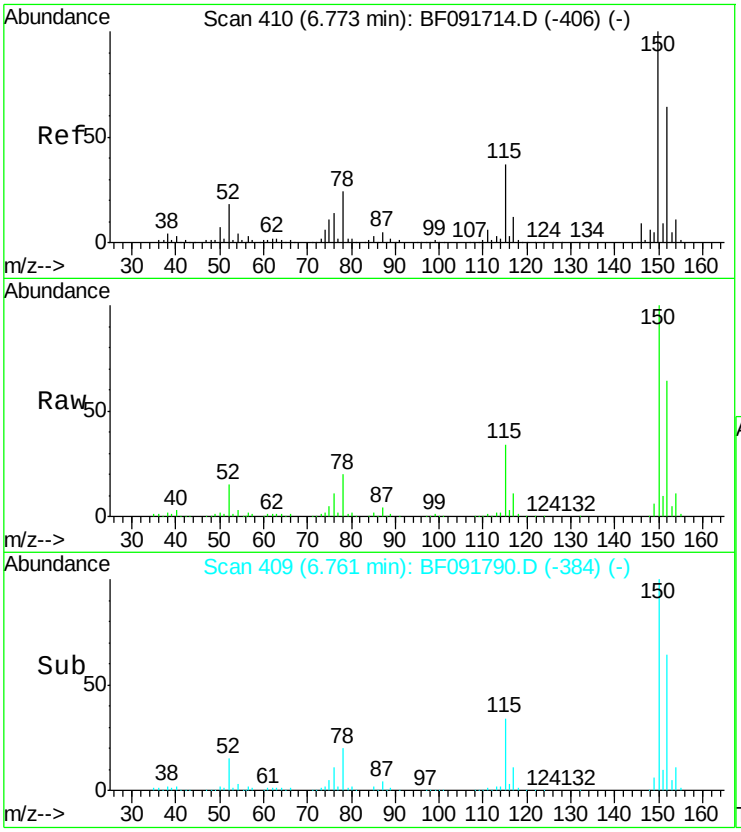
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration



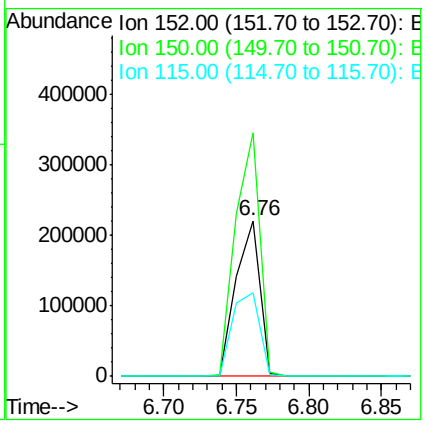


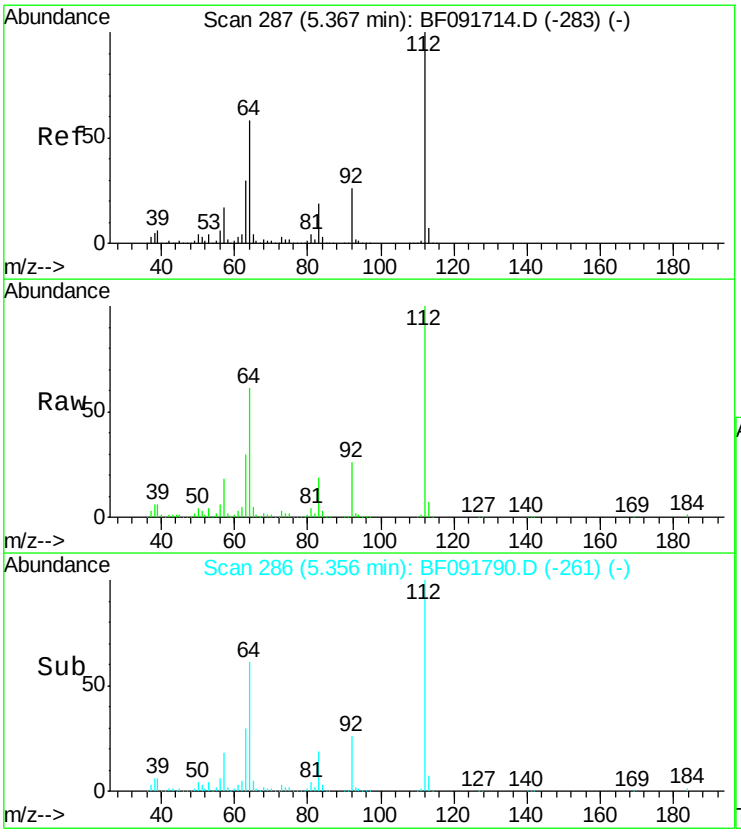
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion:152 Resp: 252086

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.9	187.3
115	53.5	46.0	69.0

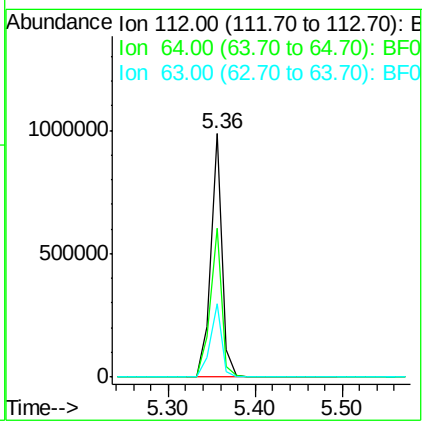


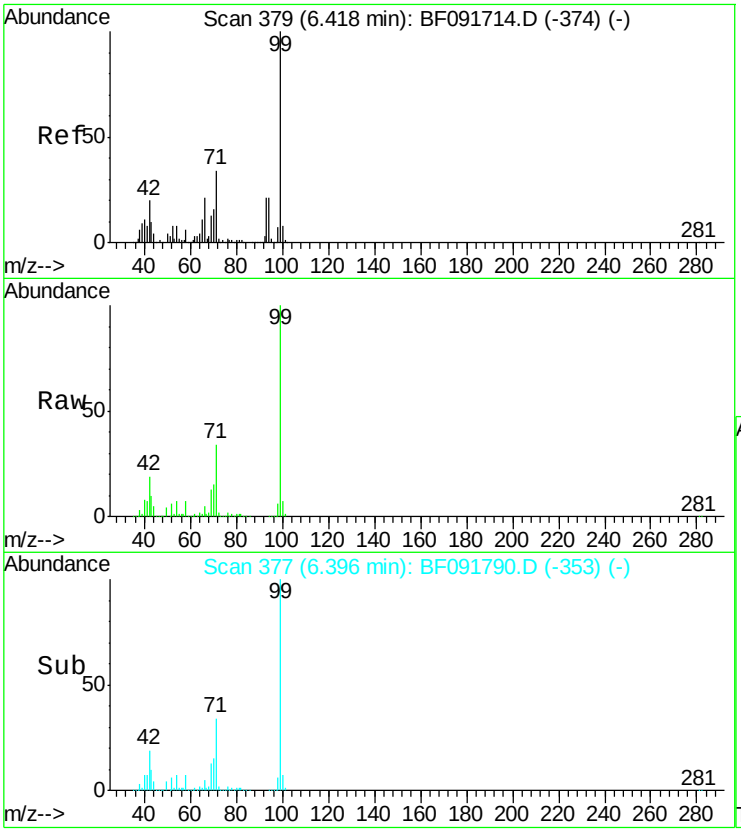


#5
2-Fluorophenol
Concen: 60.46 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion:112 Resp: 909701

Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.1	69.1
63	30.3	23.8	35.6



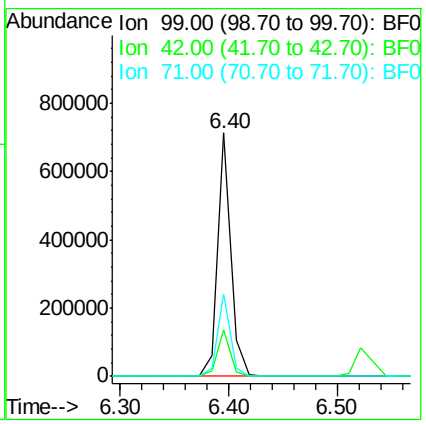


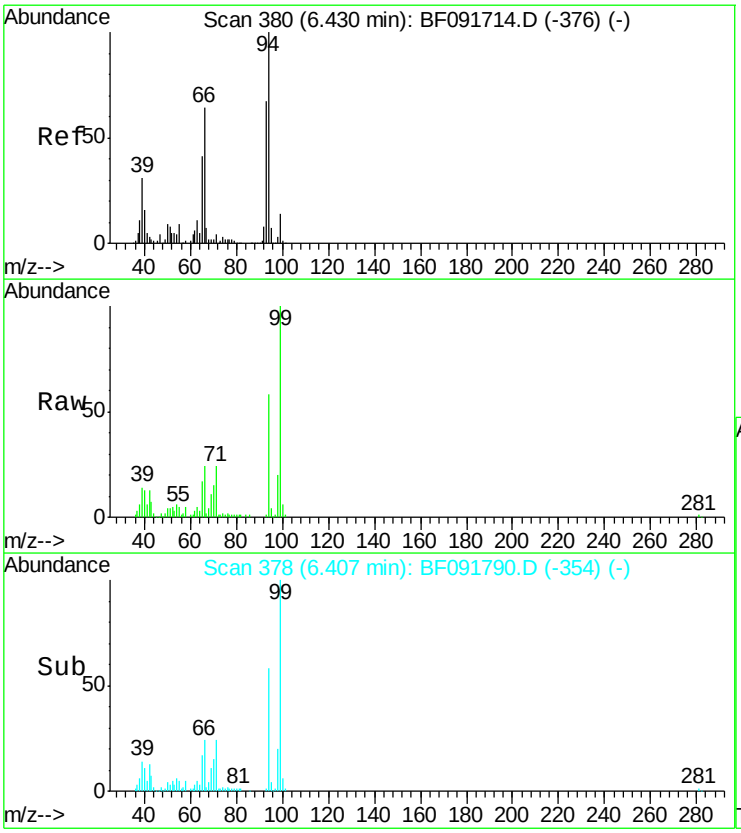
#7
Phenol-d6
Concen: 33.35 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion: 99 Resp: 612030

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.6	23.4
71	34.1	27.5	41.3

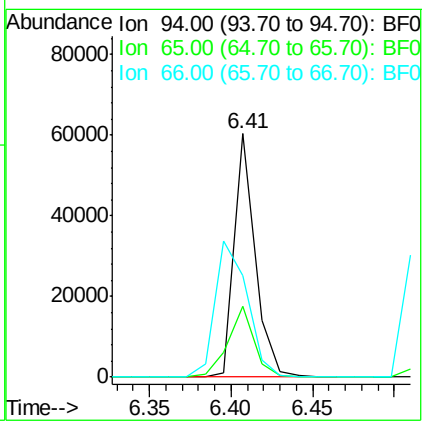


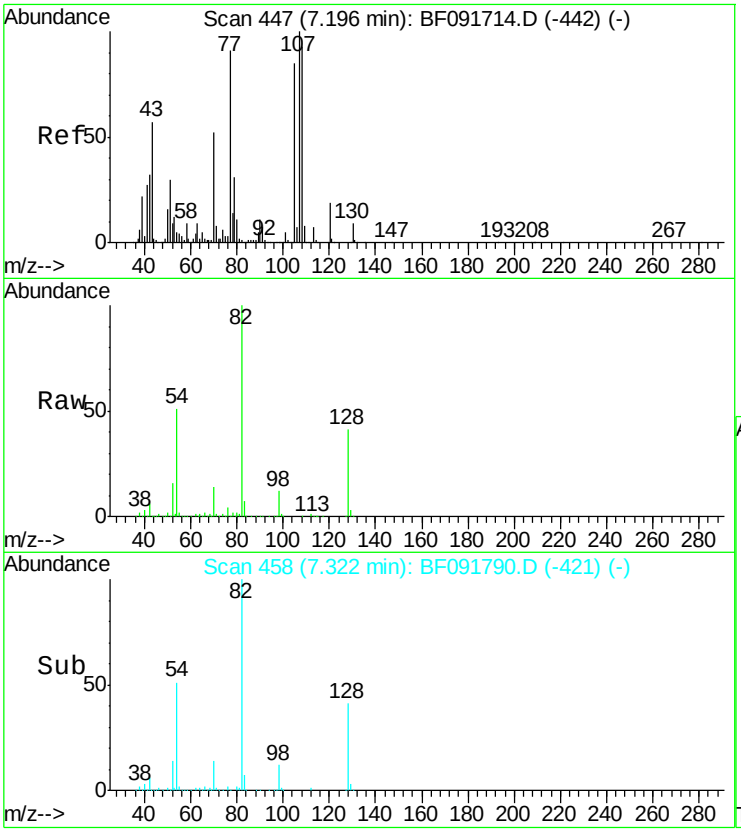


#10
Phenol
Concen: 2.57 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion: 94 Resp: 53143

Ion	Ratio	Lower	Upper
94	100		
65	29.3	21.4	61.4
66	41.4	44.0	84.0#



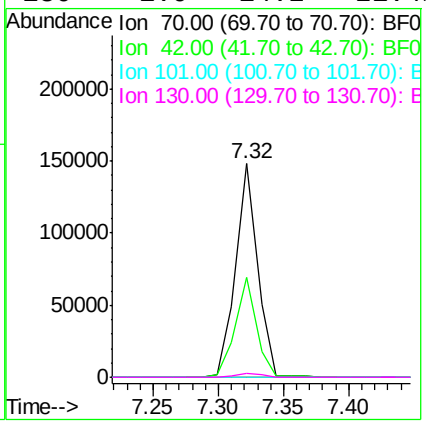


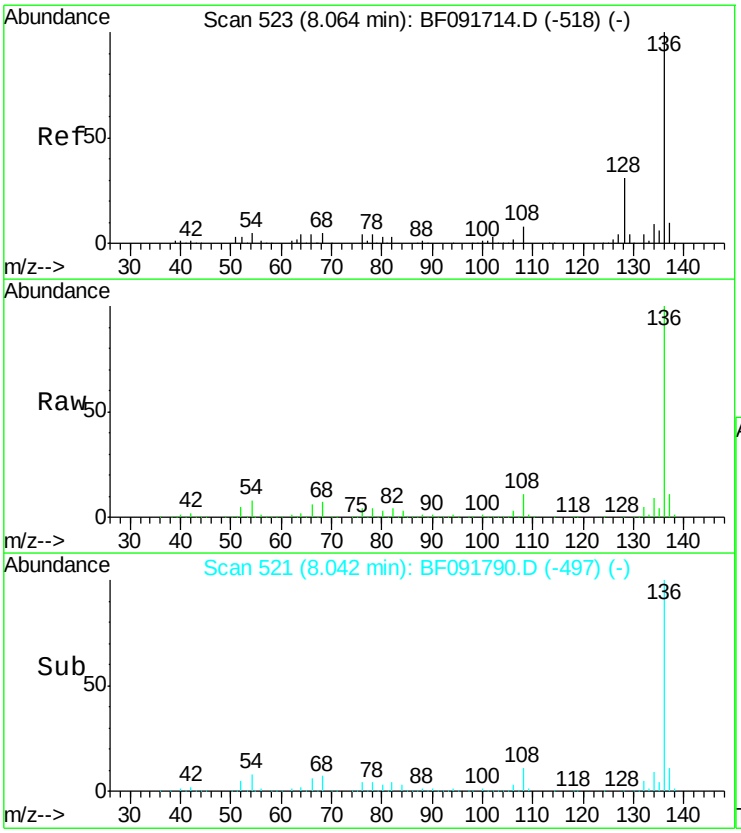
#19
n-Nitroso-di-n-propylamine
Concen: 14.23 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion: 70 Resp: 173747

Ion	Ratio	Lower	Upper
70	100		
42	47.0	49.4	74.0#
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#

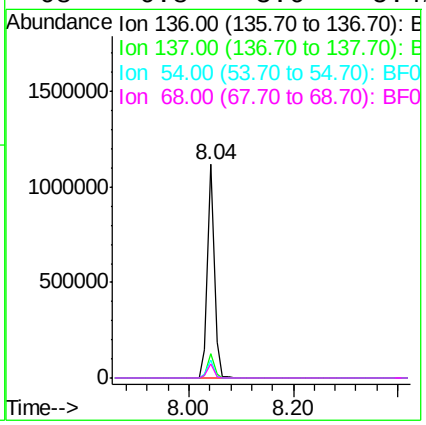


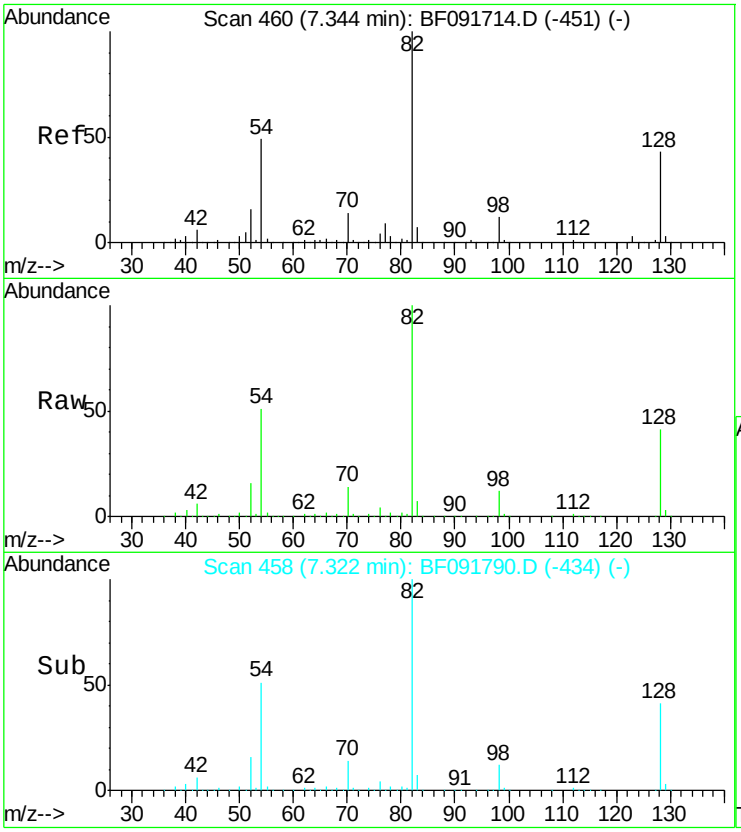


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion:136 Resp: 1017895

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	8.5	4.5	6.7#
68	6.8	3.6	5.4#



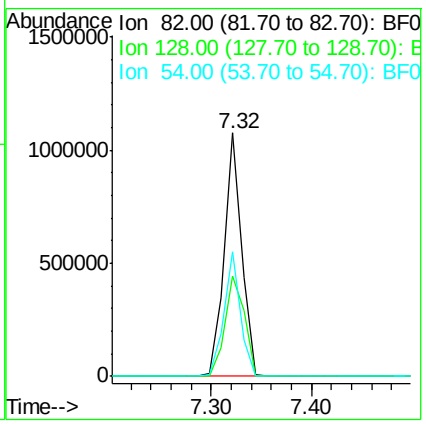


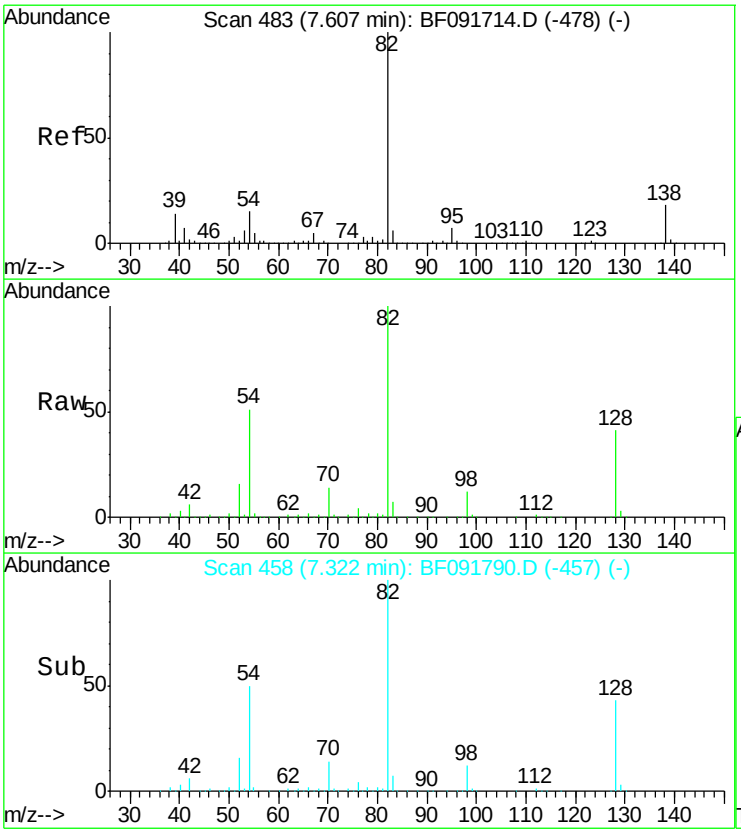
#23
Nitrobenzene-d5
Concen: 73.86 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion: 82 Resp: 1303619

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	51.3	39.5	59.3

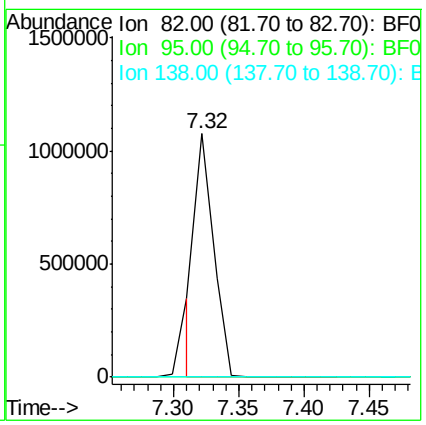


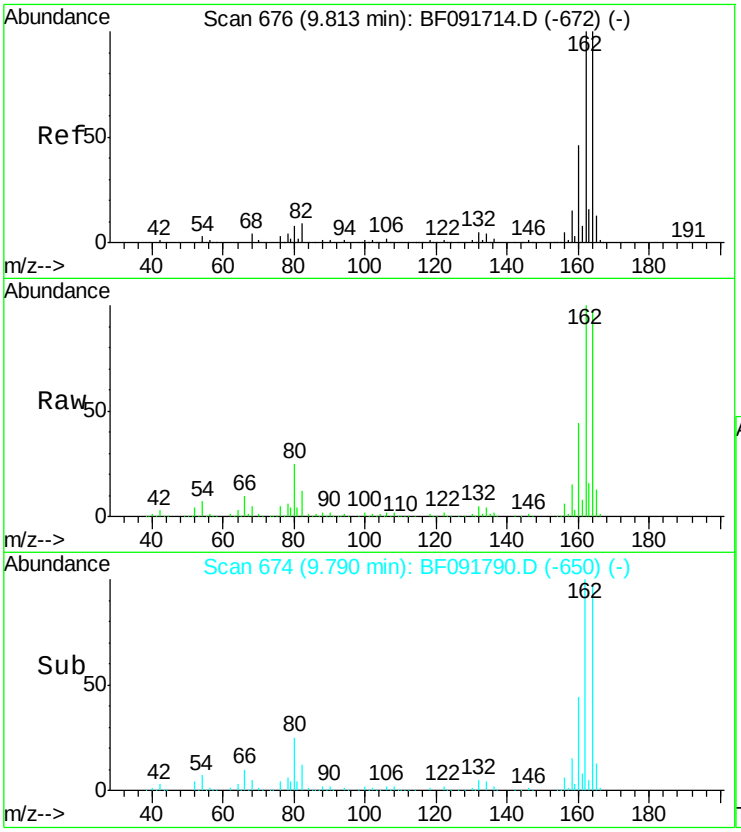


#25
Isophorone
Concen: 31.08 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion: 82 Resp: 1046762

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



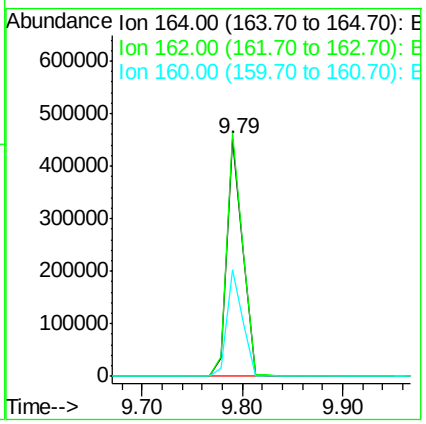


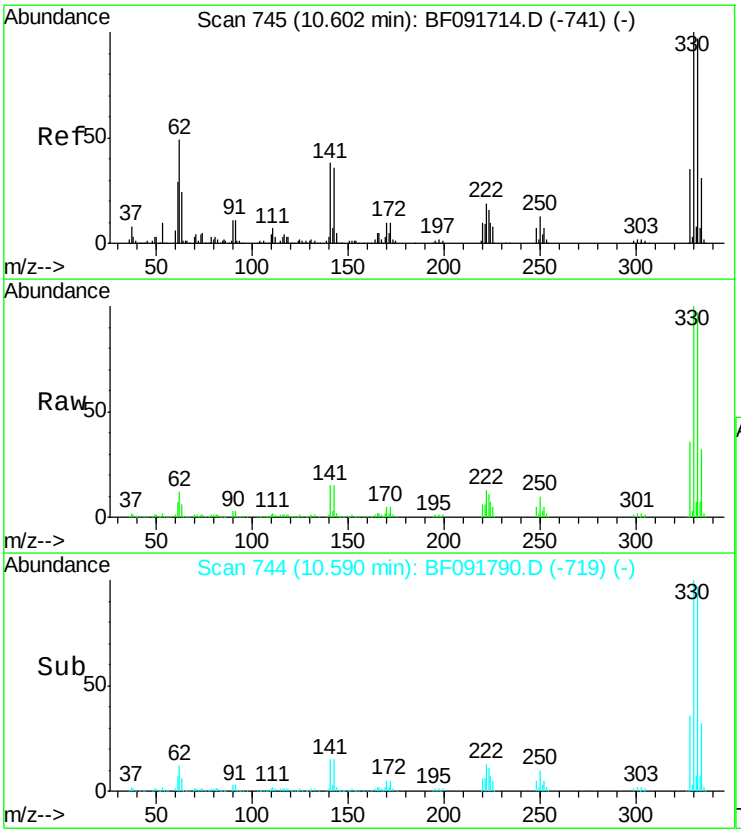
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion:164 Resp: 491416

Ion	Ratio	Lower	Upper
164	100		
162	102.6	80.2	120.2
160	44.9	36.9	55.3

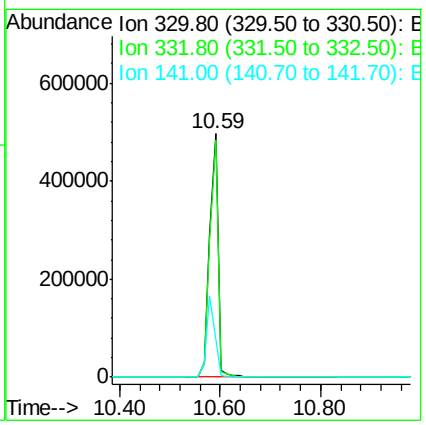


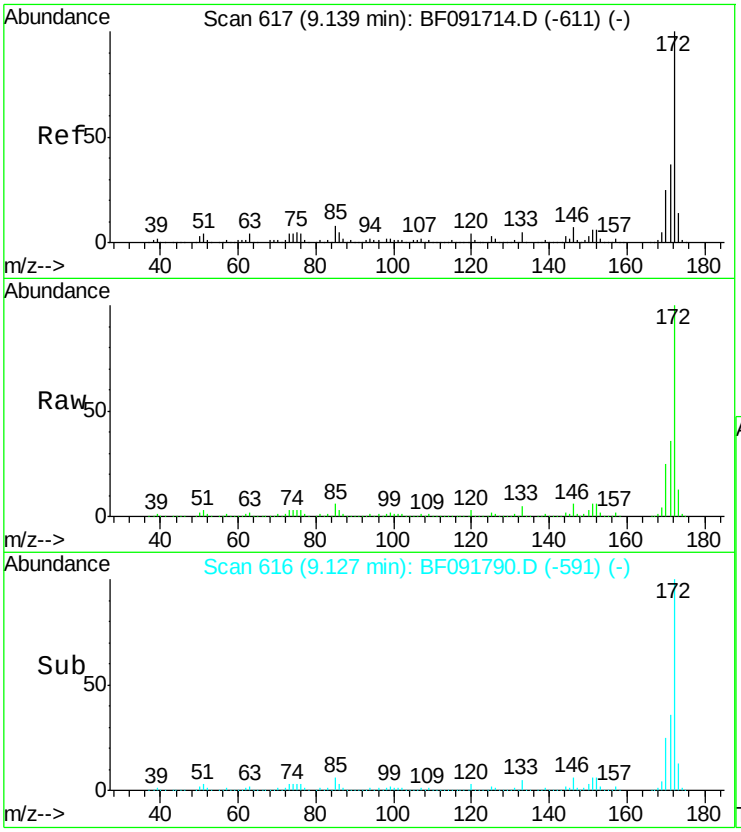


#41
2,4,6-Tribromophenol
Concen: 140.58 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion:330 Resp: 585781

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	32.9	34.1	51.1#



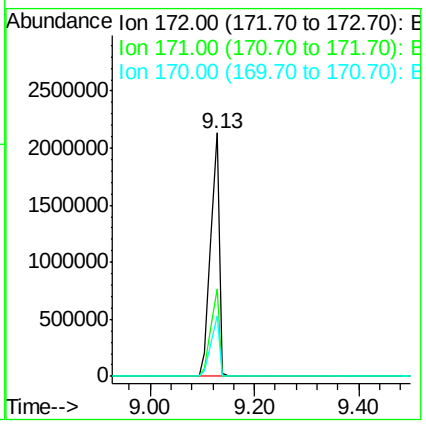


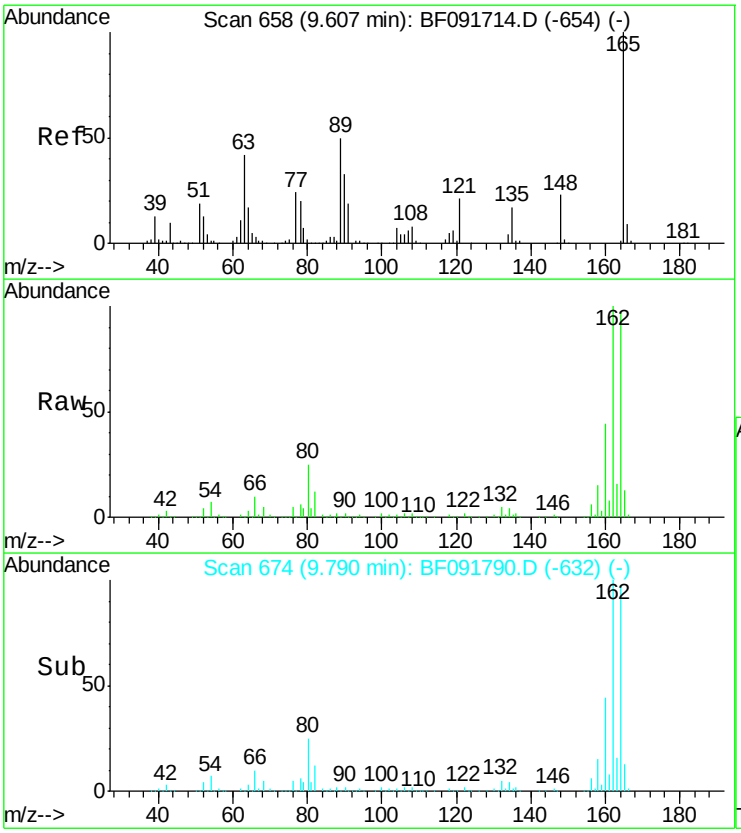
#44
2-Fluorobiphenyl
Concen: 101.50 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion:172 Resp: 2482657

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.9	20.2	30.4

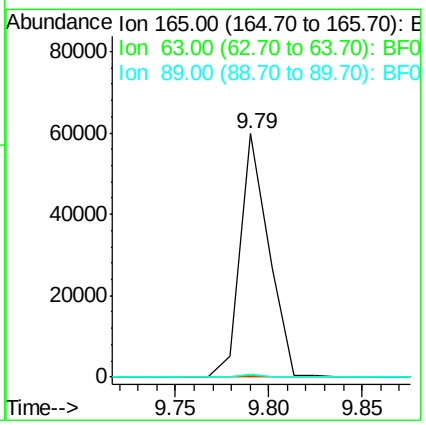


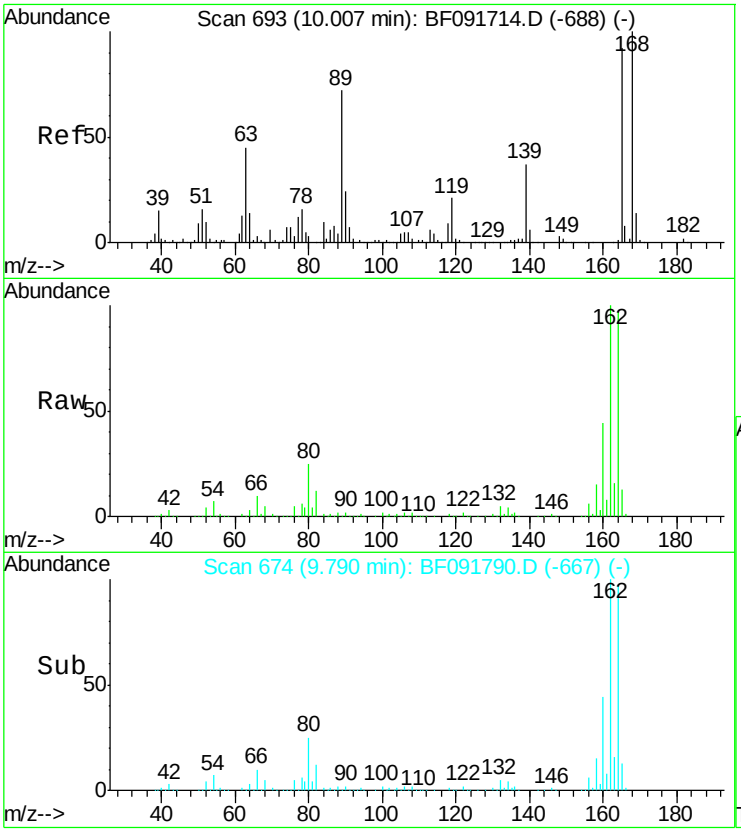


#50
2,6-Dinitrotoluene
Concen: 9.05 ng
RT: 9.79 min Scan# 674
Delta R.T. 0.18 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion:165 Resp: 63702

Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	1.1	40.2	60.4#



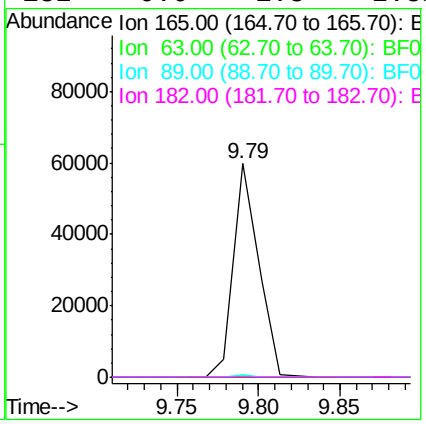


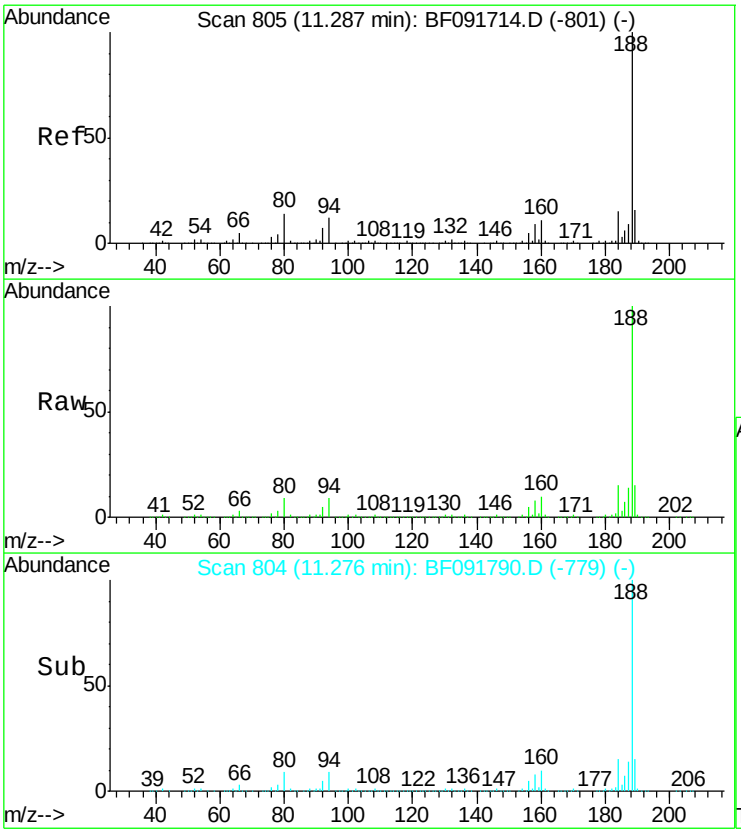
#56
2,4-Dinitrotoluene
Concen: 7.24 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion:165 Resp: 63692

Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

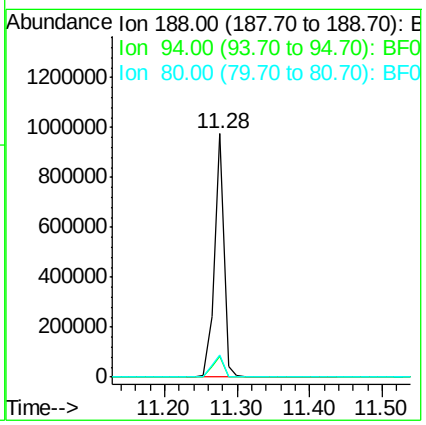


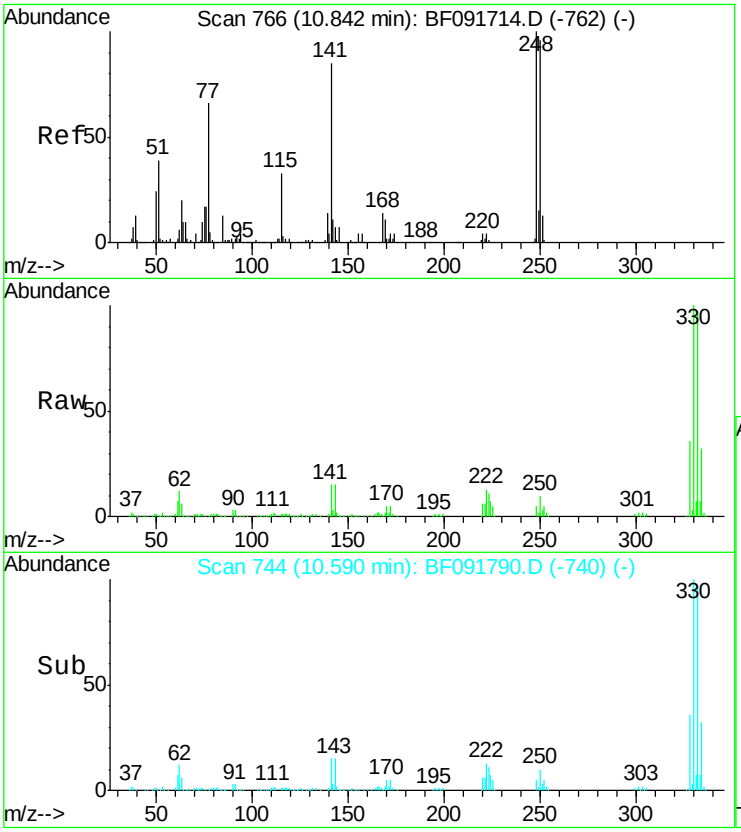


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion:188 Resp: 881118

Ion	Ratio	Lower	Upper
188	100		
94	8.8	10.0	15.0#
80	9.0	11.2	16.8#



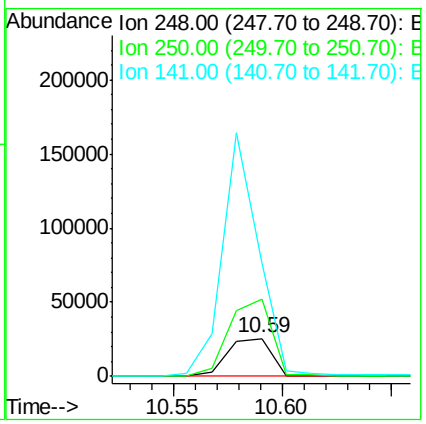


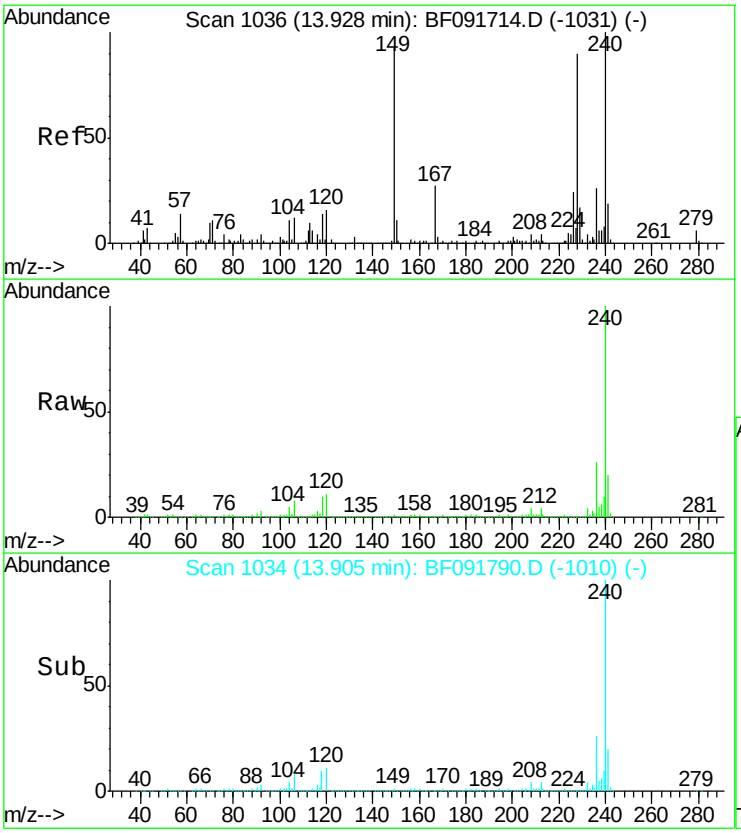
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.25 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion:248 Resp: 35997

Ion	Ratio	Lower	Upper
248	100		
250	203.3	76.9	115.3#
141	295.9	68.2	102.4#

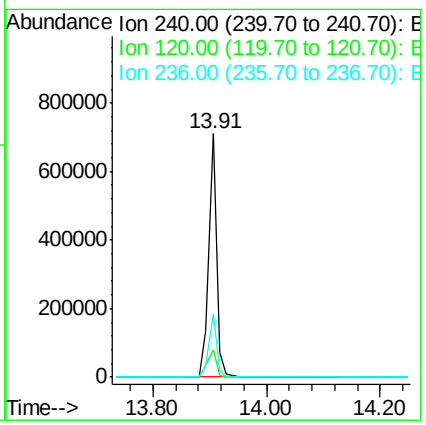


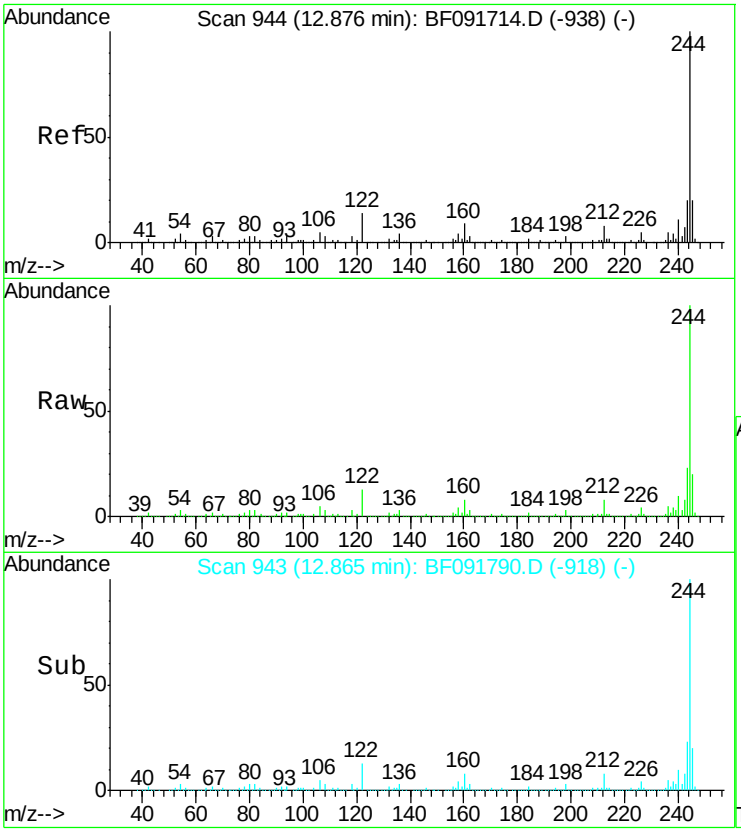


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion:240 Resp: 650430

Ion	Ratio	Lower	Upper
240	100		
120	11.4	12.9	19.3#
236	25.8	20.9	31.3



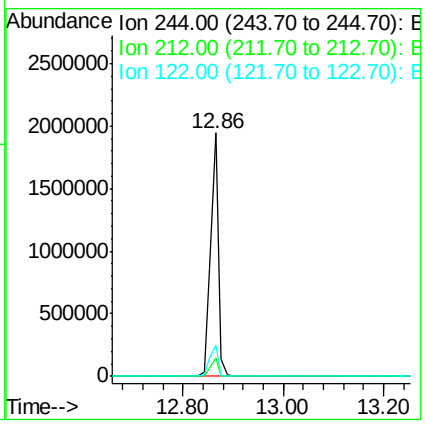


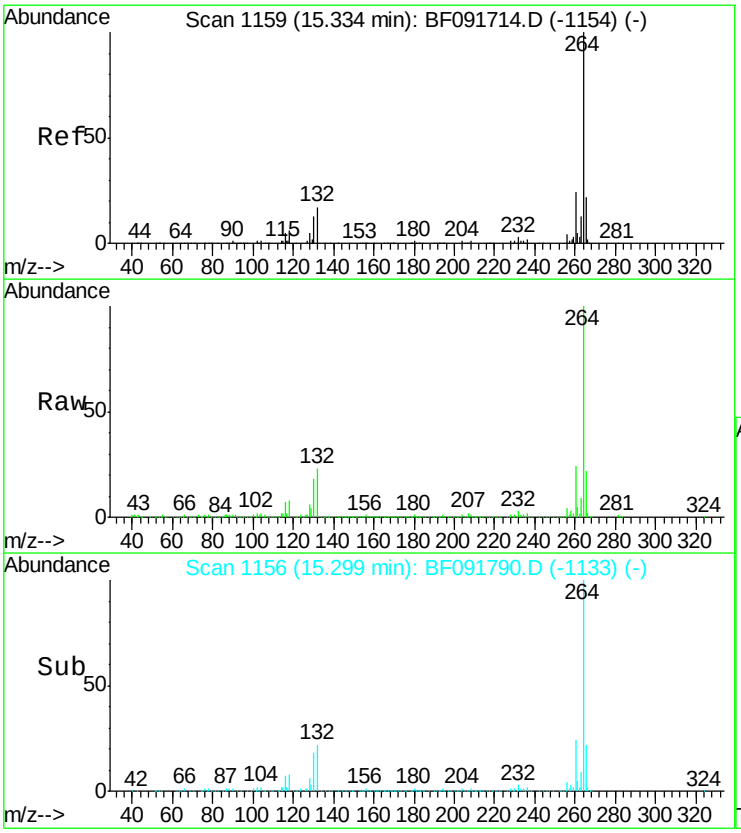
#78
Terphenyl-d14
Concen: 80.44 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Instrument :
BNA_F
ClientSampleId :
MW-23

Tgt Ion:244 Resp: 2072023

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	13.0	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.03 min
Lab File: BF091790.D
Acq: 19 Dec 2016 23:10

Tgt Ion:264 Resp: 516743

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.5	17.4	26.0