Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091402.D
Acq On : 2 Dec 2016 21:15
Operator : UM/SJ
Sample : H5820-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Time: Dec 02 22:24:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	217321	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	799293	20.00	ng		-0.03
38) Acenaphthene-d10	9.90	164	511711	20.00	ng		-0.02
63) Phenanthrene-d10	11.38	188	833069	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	689697	20.00	ng		-0.03
86) Perylene-d12	15.44	264	515349	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	746720	56.13	ng		-0.02
7) Phenol-d6	6.48	99	646896	39.50	ng		-0.02
23) Nitrobenzene-d5	7.42	82	1058778	74.23	ng		-0.03
41) 2,4,6-Tribromophenol	10.69	330	495506	102.28	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	1980252	70.07	ng		-0.02
78) Terphenyl-d14	12.97	244	1774367	55.92	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.63	77	32924	3.13	ng		92
19) n-Nitroso-di-n-propylamine	7.42	70	143478	13.91	ng	#	74
25) Isophorone	7.42	82	860081	34.04	ng	#	67
50) 2,6-Dinitrotoluene	9.90	165	67334	9.72	ng	#	17
56) 2,4-Dinitrotoluene	9.90	165	68128	7.58	ng	#	34
66) 4-Bromophenyl-phenylether	10.69	248	32727	3.65	ng	#	1

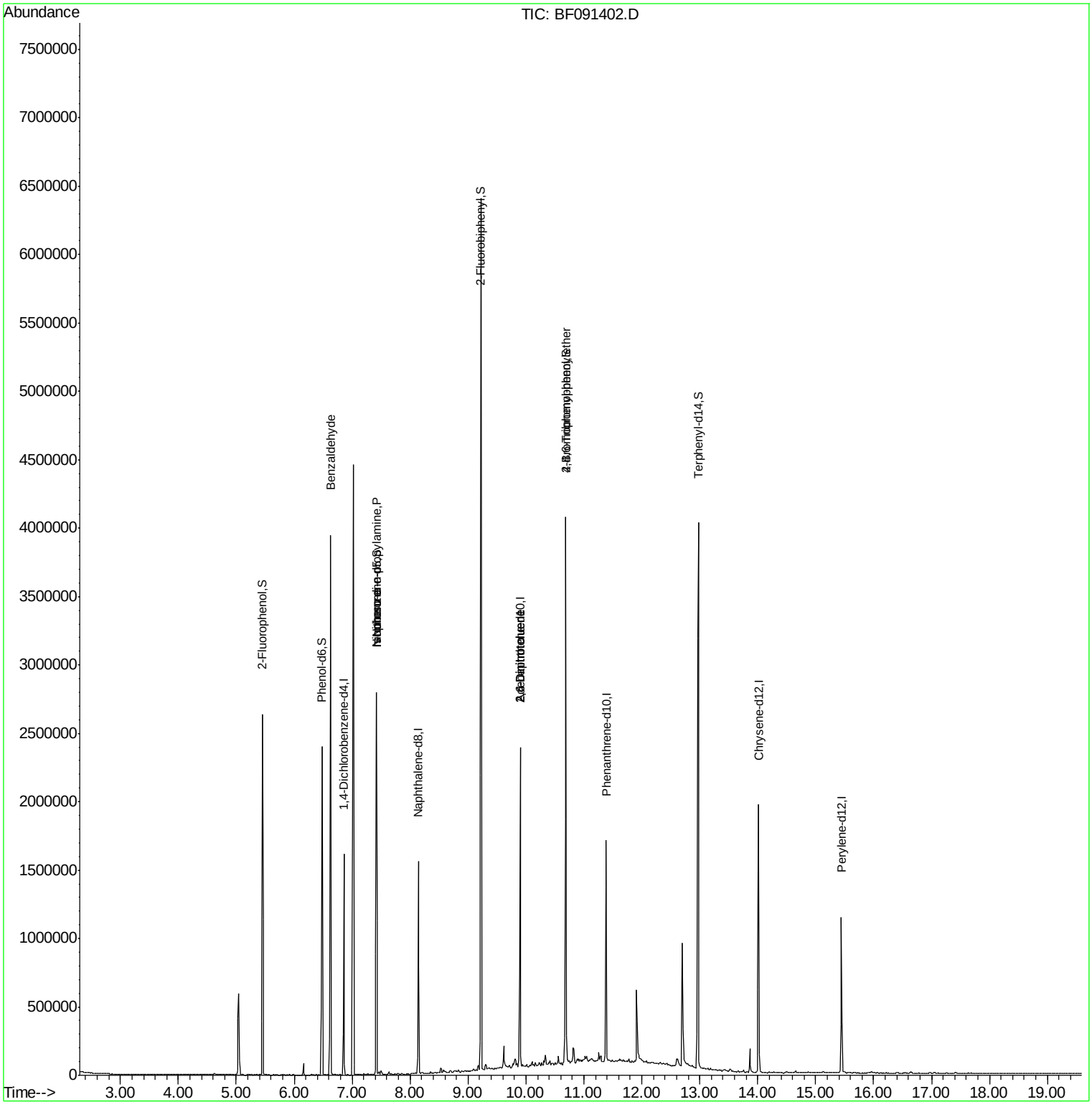
(#) = qualifier out of range (m) = manual integration (+) = signals summed

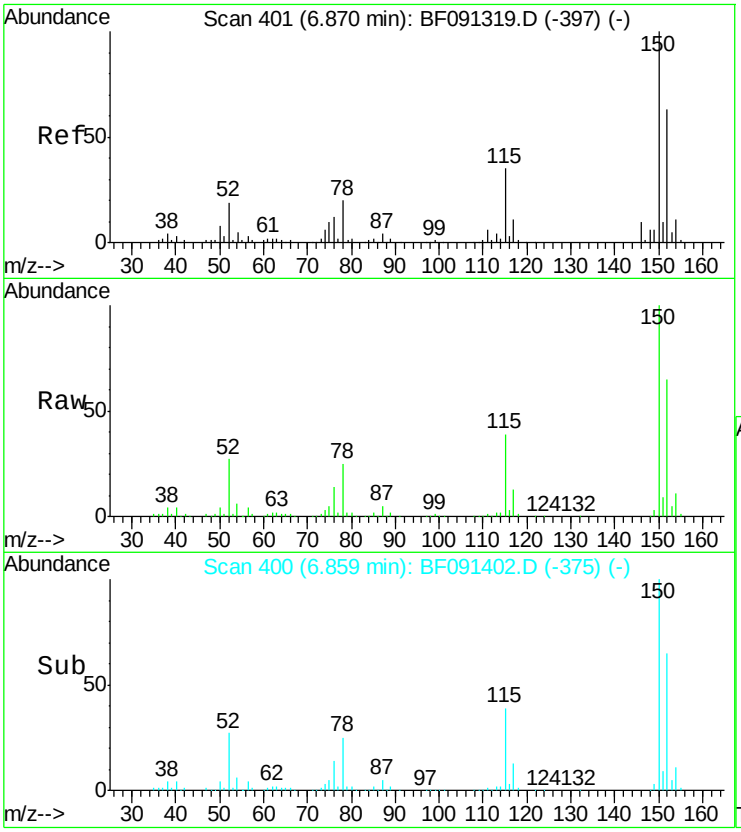
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120216\
Data File : BF091402.D
Acq On : 2 Dec 2016 21:15
Operator : UM/SJ
Sample : H5820-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-1

Quant Time: Dec 02 22:24:44 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration



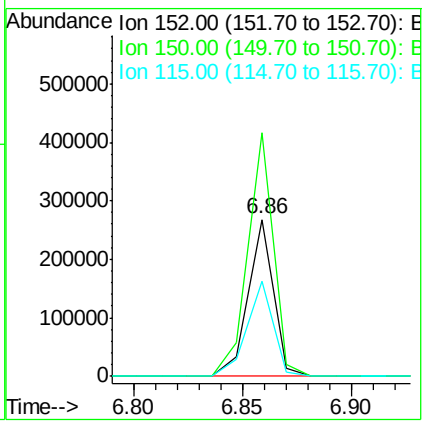


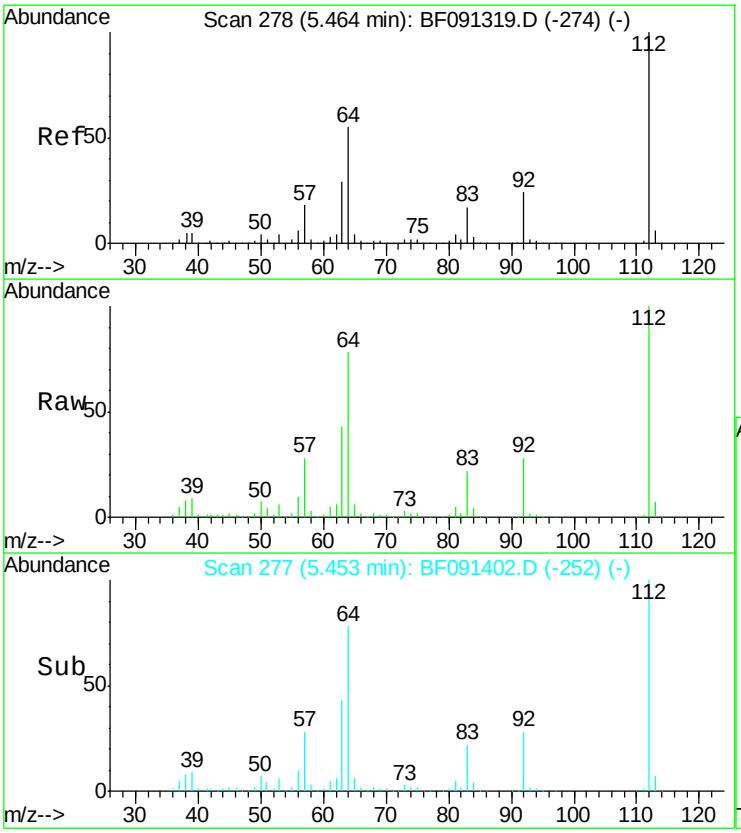
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:152 Resp: 217321

Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.5	183.7
115	60.3	51.8	77.8

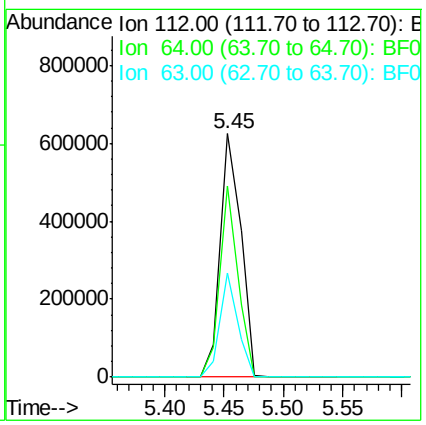


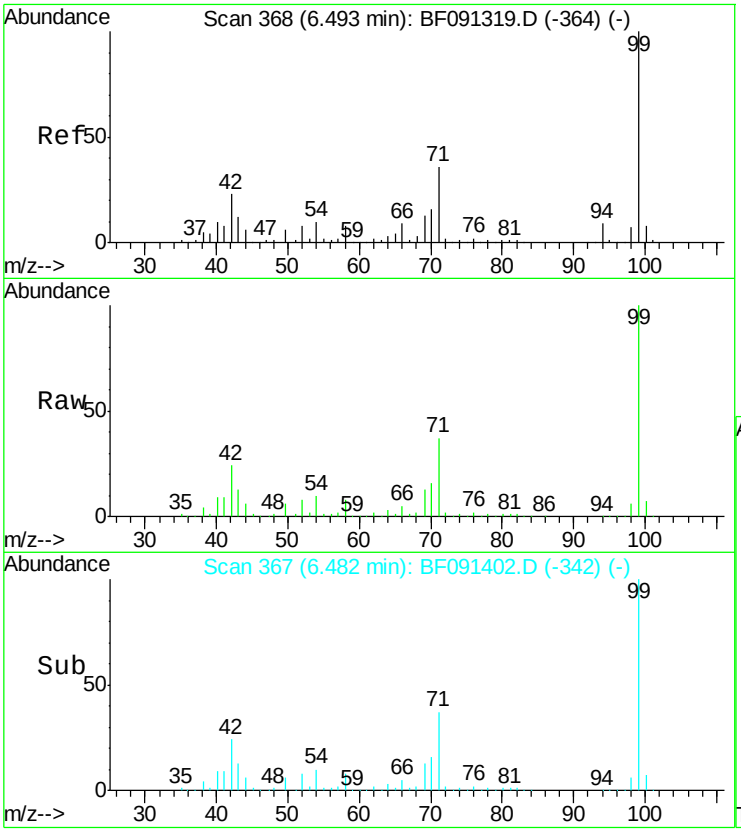


#5
2-Fluorophenol
Concen: 56.13 ng
RT: 5.45 min Scan# 277
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion:112 Resp: 746720

Ion	Ratio	Lower	Upper
112	100		
64	78.3	61.5	92.3
63	42.6	33.3	49.9



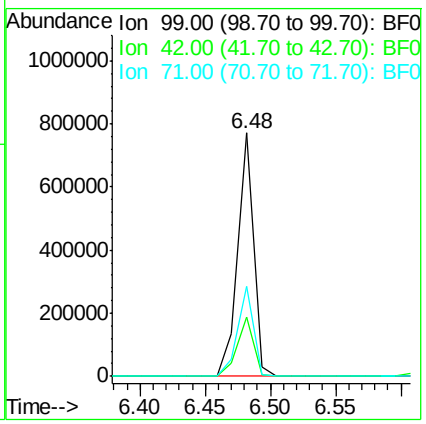


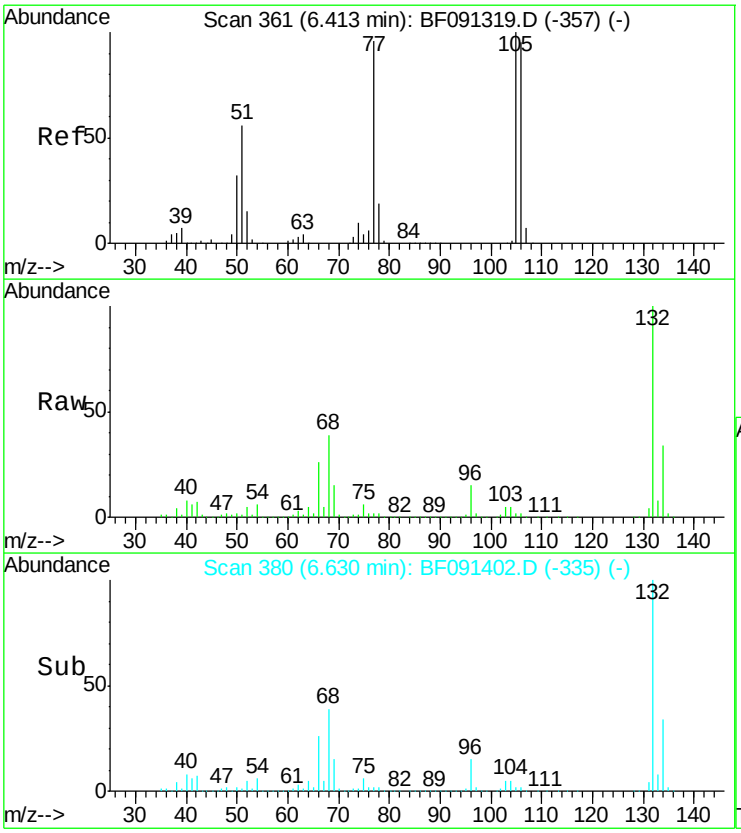
#7
Phenol-d6
Concen: 39.50 ng
RT: 6.48 min Scan# 367
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 646896

Ion	Ratio	Lower	Upper
99	100		
42	24.2	20.6	31.0
71	37.0	29.9	44.9

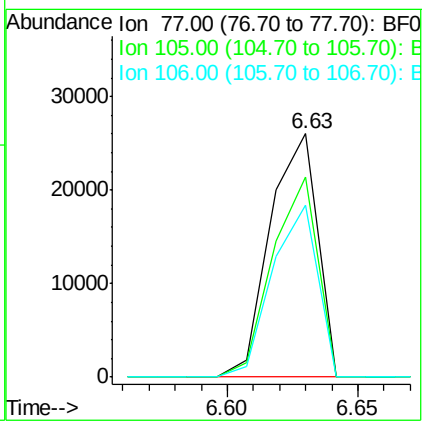


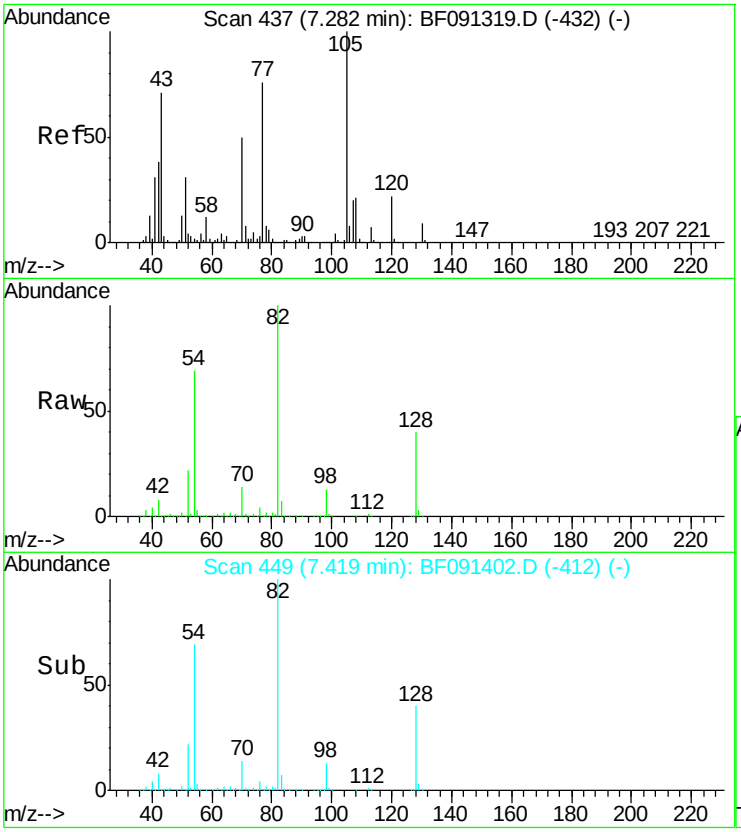


#9
Benzaldehyde
Concen: 3.13 ng
RT: 6.63 min Scan# 380
Delta R.T. 0.21 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion: 77 Resp: 32924

Ion	Ratio	Lower	Upper
77	100		
105	82.3	66.4	106.4
106	70.4	60.9	100.9



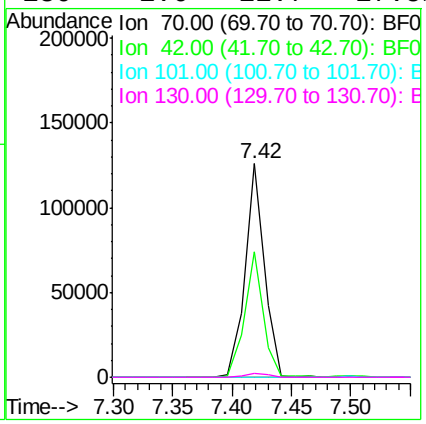


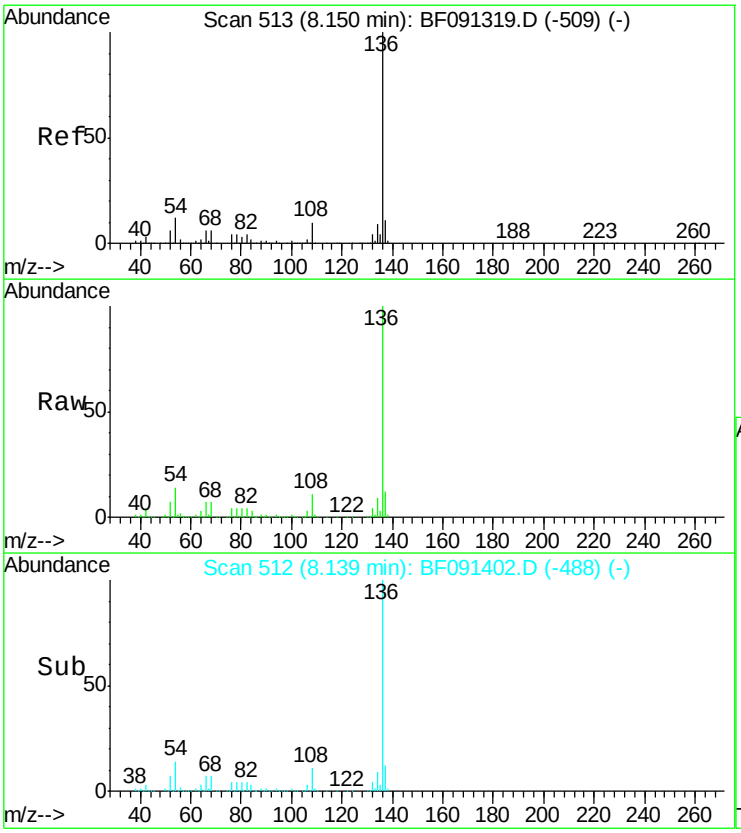
#19
n-Nitroso-di-n-propylamine
Concen: 13.91 ng
RT: 7.42 min Scan# 449
Delta R.T. 0.12 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 70 Resp: 143478

Ion	Ratio	Lower	Upper
70	100		
42	58.7	64.8	97.2#
101	0.0	6.2	9.4#
130	1.6	11.7	17.5#

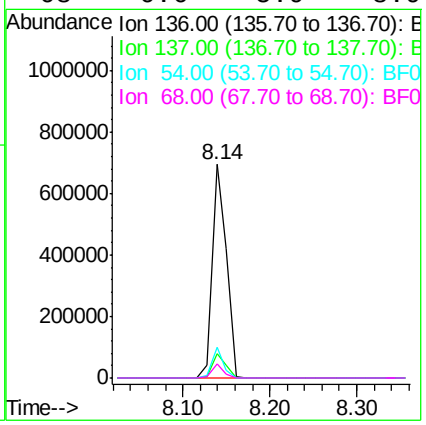


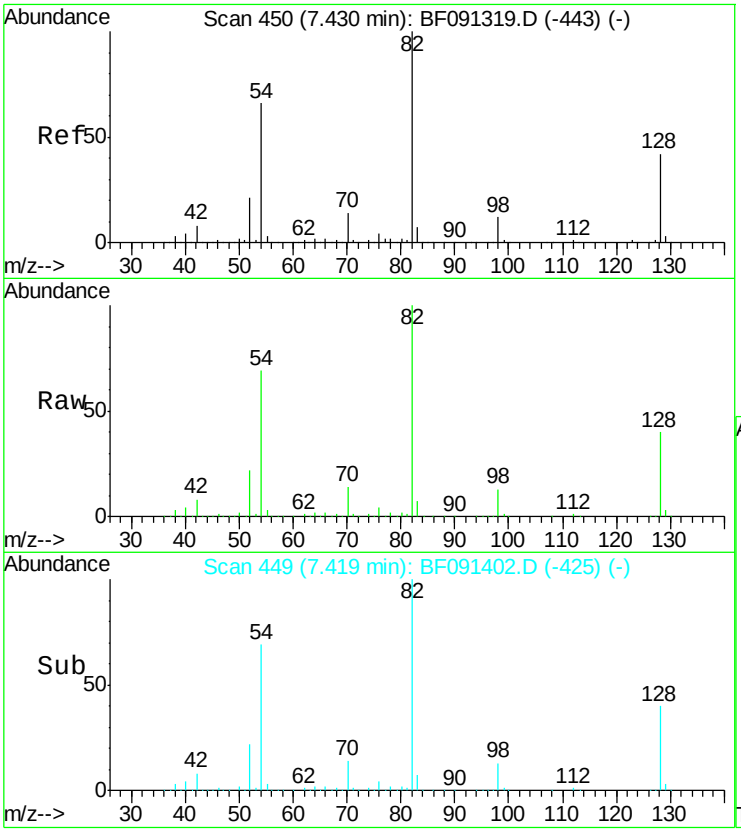


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion:136 Resp: 799293

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	14.5	9.1	13.7#
68	6.6	5.9	8.9



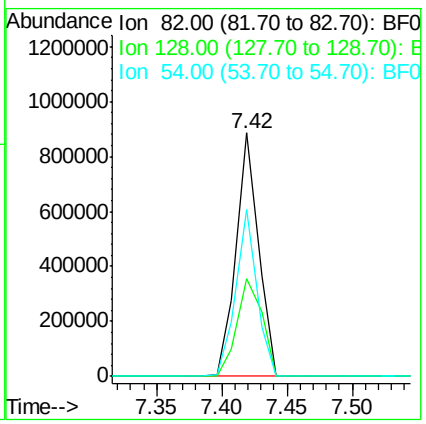


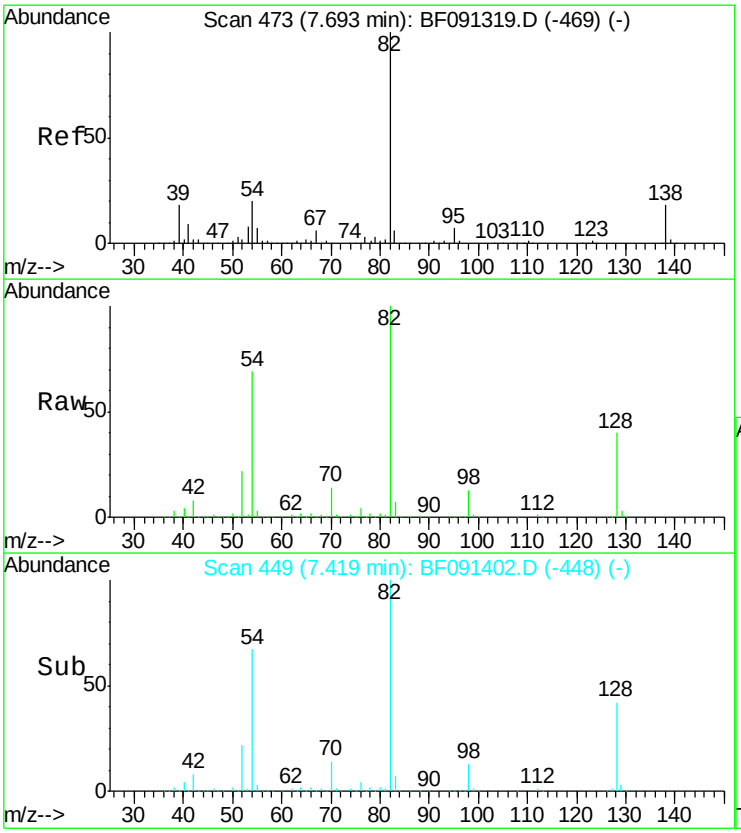
#23
Nitrobenzene-d5
Concen: 74.23 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 82 Resp: 1058778

Ion	Ratio	Lower	Upper
82	100		
128	40.2	31.8	47.6
54	68.6	49.1	73.7

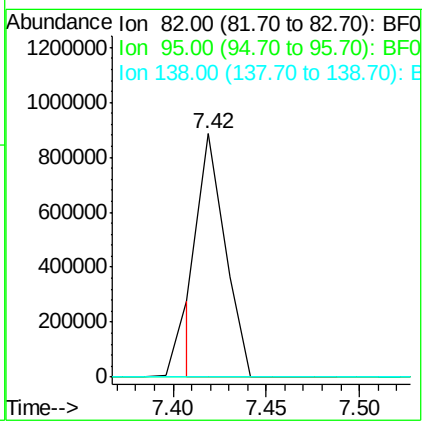


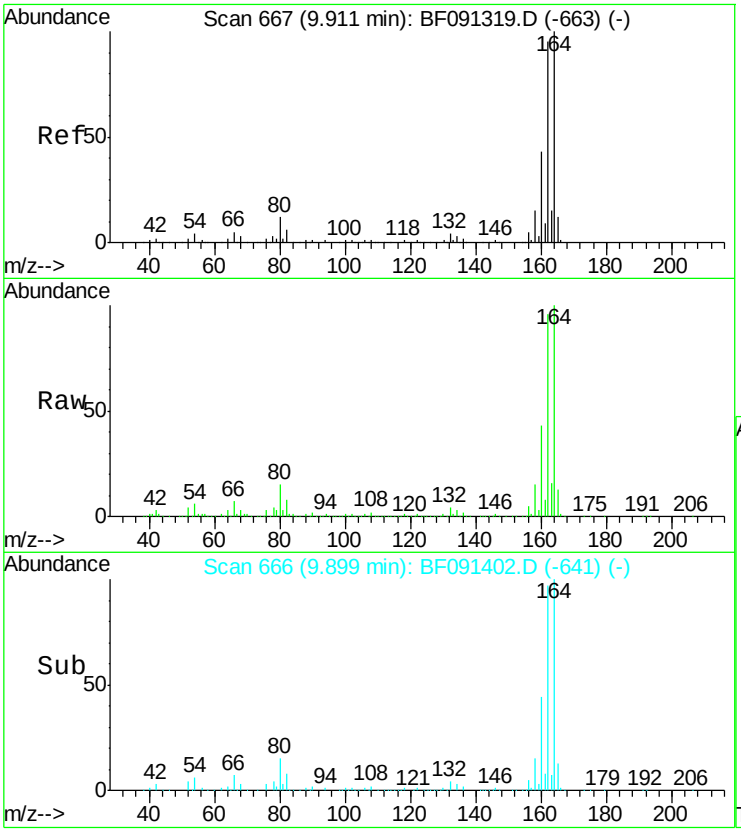


#25
Isophorone
Concen: 34.04 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.29 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion: 82 Resp: 860081

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.4	20.0#



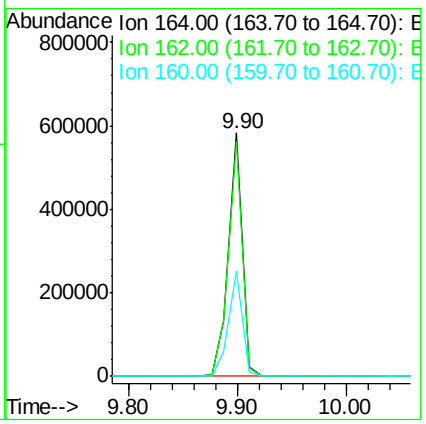


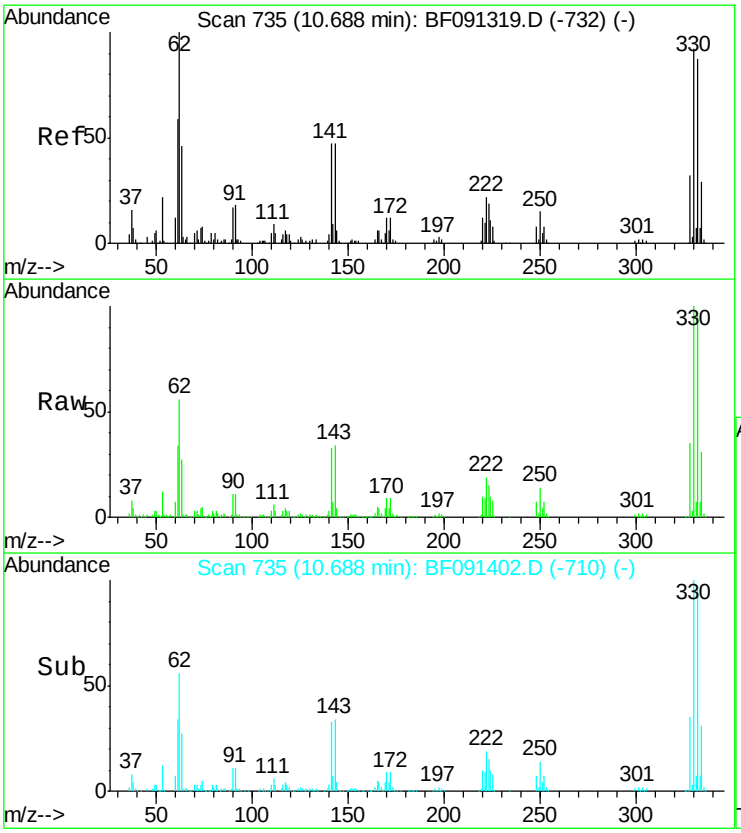
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:164 Resp: 511711

Ion	Ratio	Lower	Upper
164	100		
162	96.5	82.6	124.0
160	43.4	36.7	55.1

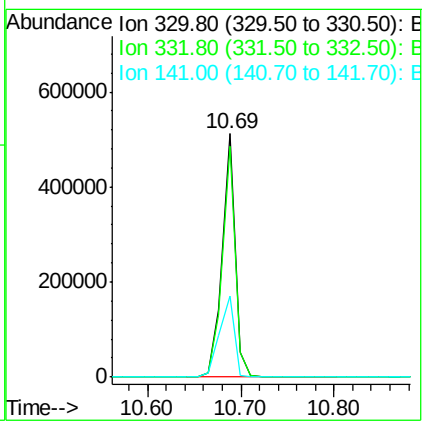


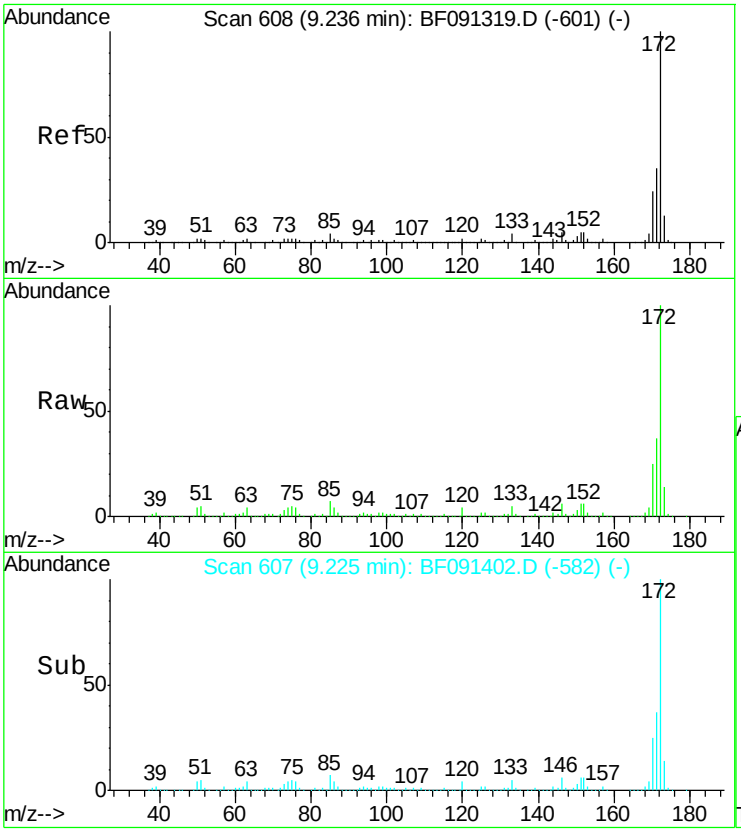


#41
2,4,6-Tribromophenol
Concen: 102.28 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion:330 Resp: 495506

Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.2	114.4
141	37.3	33.6	50.4



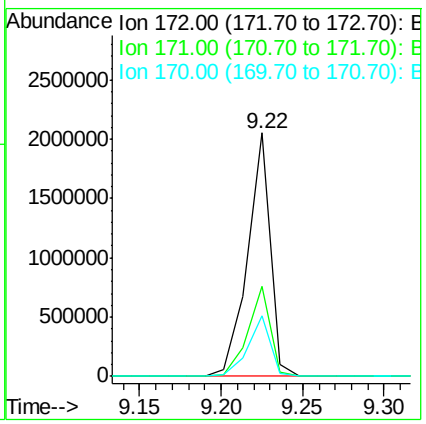


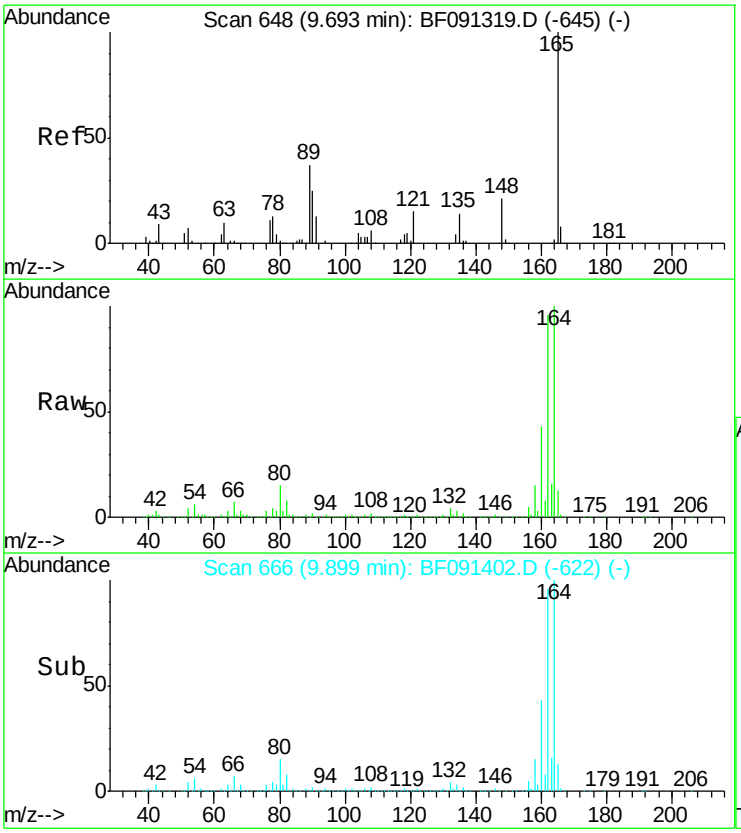
#44
2-Fluorobiphenyl
Concen: 70.07 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:172 Resp: 1980252

Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.0	19.7	29.5

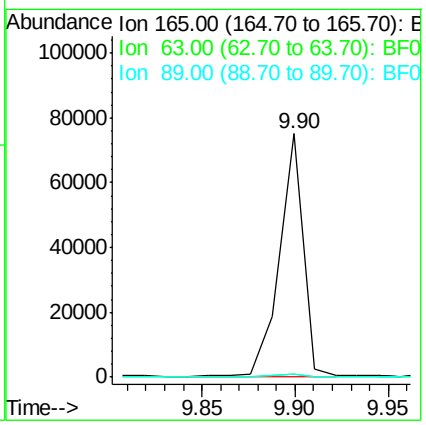


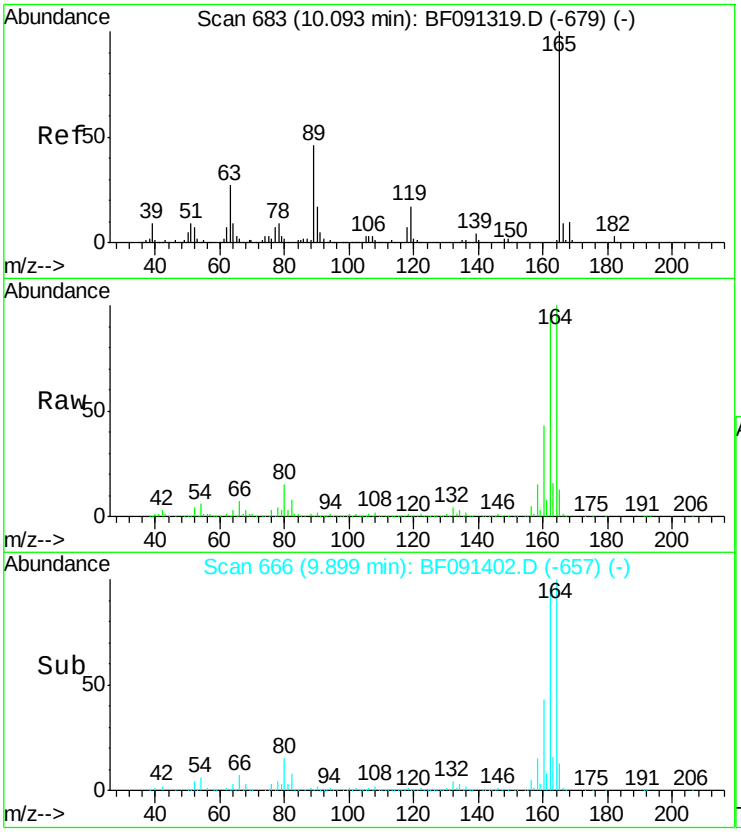


#50
2,6-Dinitrotoluene
Concen: 9.72 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.20 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion:165 Resp: 67334

Ion	Ratio	Lower	Upper
165	100		
63	1.0	59.4	89.0#
89	1.2	50.8	76.2#



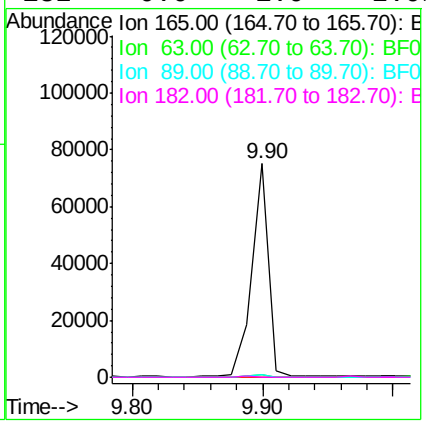


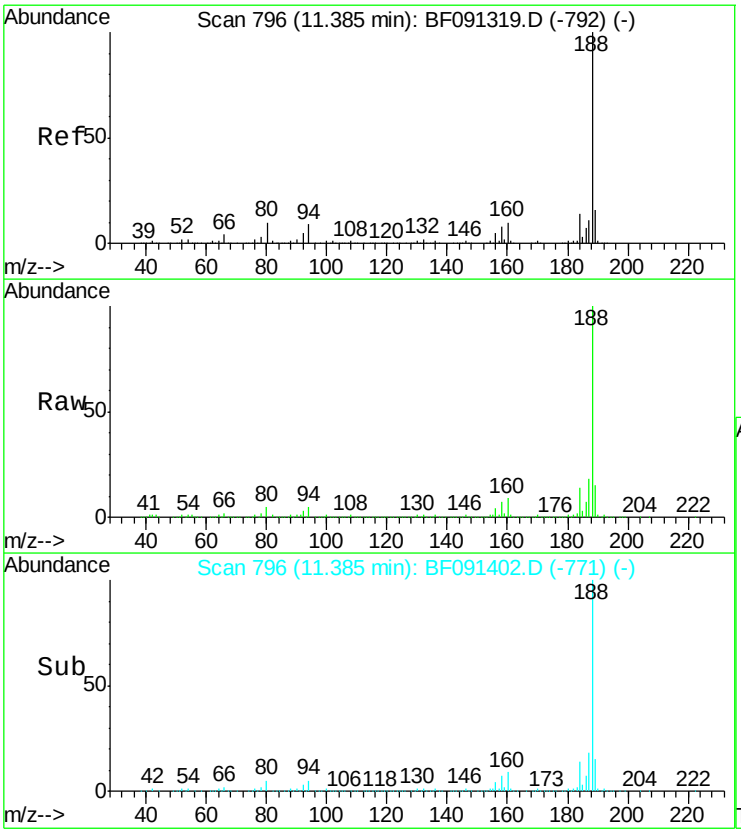
#56
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.20 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:165 Resp: 68128

Ion	Ratio	Lower	Upper
165	100		
63	1.0	29.0	43.4#
89	1.2	43.1	64.7#
182	0.0	1.9	2.9#

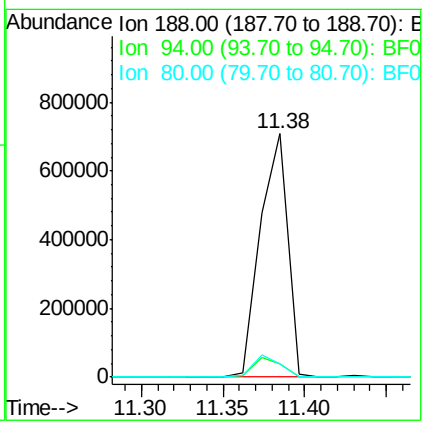


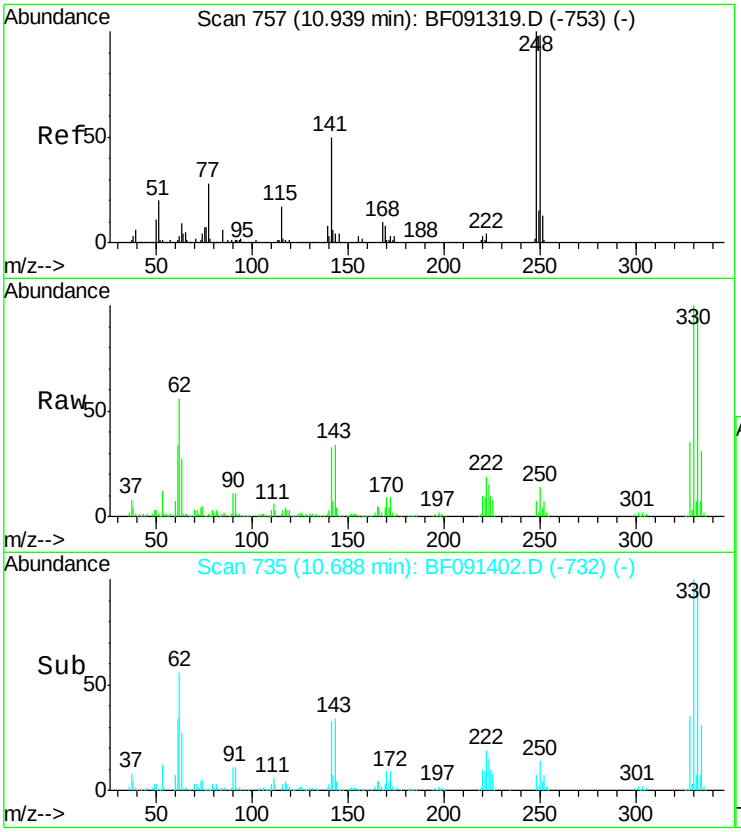


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion:188 Resp: 833069

Ion	Ratio	Lower	Upper
188	100		
94	5.5	9.2	13.8#
80	5.4	10.5	15.7#



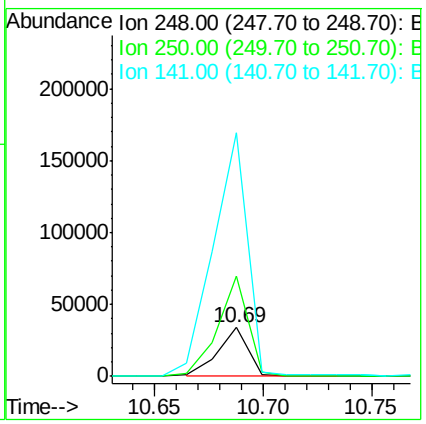


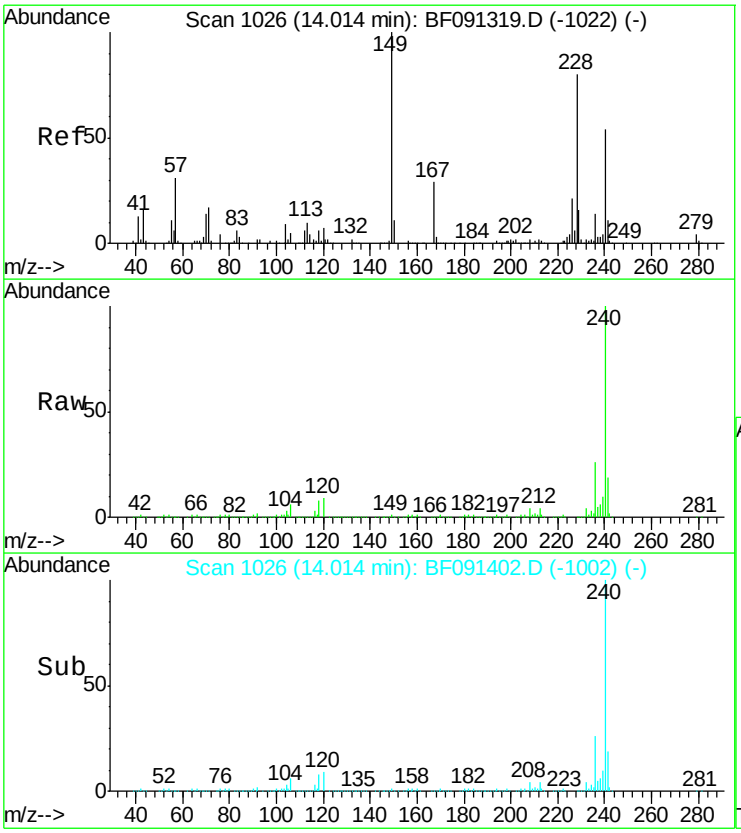
#66
4-Bromophenyl-phenylether
Concen: 3.65 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:248 Resp: 32727

Ion	Ratio	Lower	Upper
248	100		
250	204.6	78.2	117.4#
141	497.0	71.9	107.9#

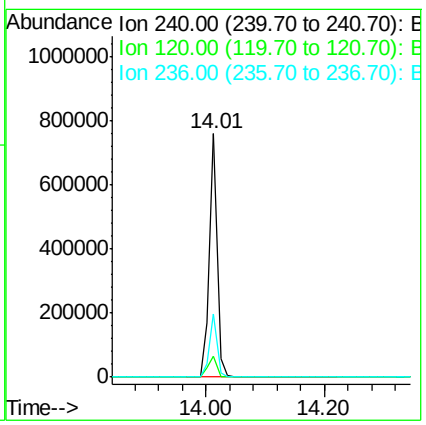


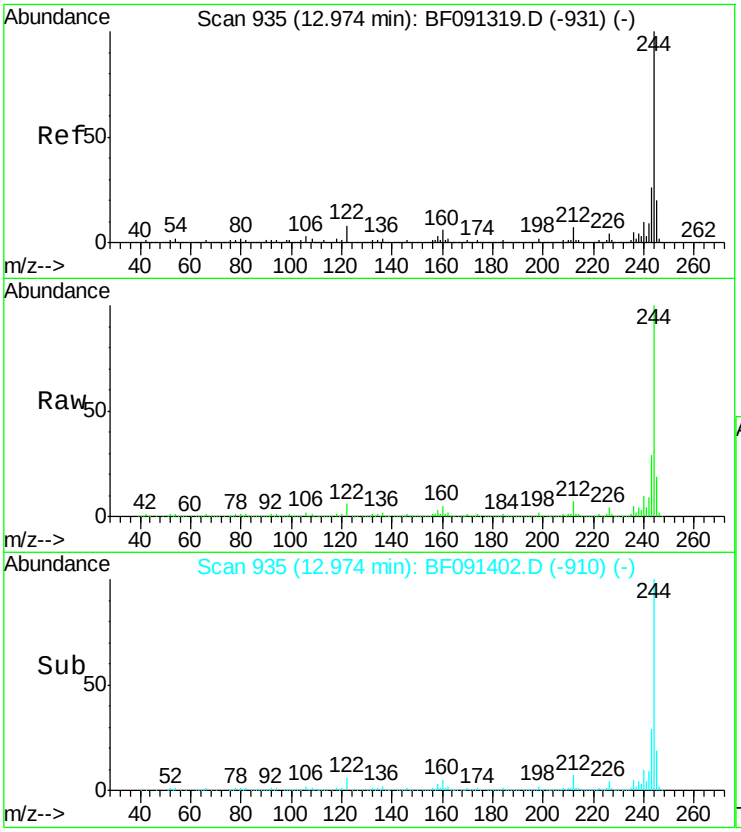


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion:240 Resp: 689697

Ion	Ratio	Lower	Upper
240	100		
120	8.6	12.1	18.1#
236	25.7	21.0	31.6



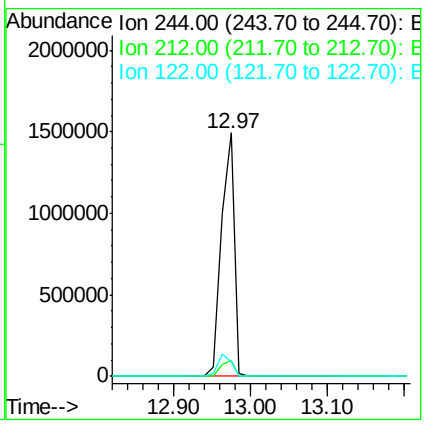


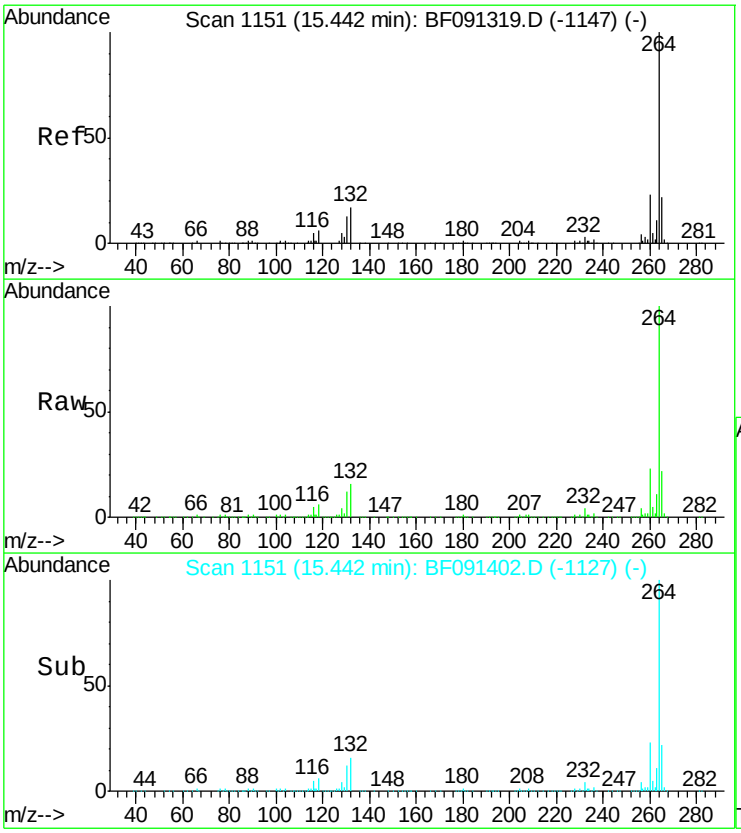
#78
Terphenyl-d14
Concen: 55.92 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion:244 Resp: 1774367

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.5	9.7
122	6.0	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091402.D
Acq: 2 Dec 2016 21:15

Tgt Ion:264 Resp: 515349

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.8	28.2
265	21.9	17.0	25.6