Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091222.D
Acq On : 17 Nov 2016 19:48
Operator : UM/SJ
Sample : H5628-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-COMP

Quant Time: Nov 18 03:07:26 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	6.62	152	180656	20.00	ng		-0.03
21) Naphthalene-d8	7.90	136	765766	20.00	ng		-0.05
38) Acenaphthene-d10	9.65	164	403458	20.00	ng		-0.05
63) Phenanthrene-d10	11.14	188	676038	20.00	ng		-0.03
75) Chrysene-d12	13.77	240	478883	20.00	ng		-0.05
86) Perylene-d12	15.14	264	292827	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1317680	120.46	ng		-0.02
7) Phenol-d6	6.28	99	1612336	108.60	ng		-0.03
23) Nitrobenzene-d5	7.20	82	1376591	98.06	ng		-0.05
41) 2,4,6-Tribromophenol	10.45	330	576394	158.02	ng		-0.03
44) 2-Fluorobiphenyl	8.99	172	2100285	89.62	ng		-0.05
78) Terphenyl-d14	12.73	244	2017337	105.12	ng		-0.03
Target Compounds							Qvalue
9) Benzaldehyde	6.40	77	35290	4.28	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	189187	18.39	ng	#	75
25) Isophorone	7.20	82	1352788	50.01	ng	#	67
31) Naphthalene	7.93	128	103307	2.82	ng		99
50) 2,6-Dinitrotoluene	9.65	165	52421	9.25	ng	#	11
55) 4-Nitrophenol	9.87	139	3322	6.42	ng	#	1
56) 2,4-Dinitrotoluene	9.65	165	52416	7.27	ng	#	26
66) 4-Bromophenyl-phenylether	10.45	248	37400	5.32	ng	#	1

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111716\
Data File : BF091222.D
Acq On : 17 Nov 2016 19:48
Operator : UM/SJ
Sample : H5628-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Quant Time: Nov 18 03:07:26 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
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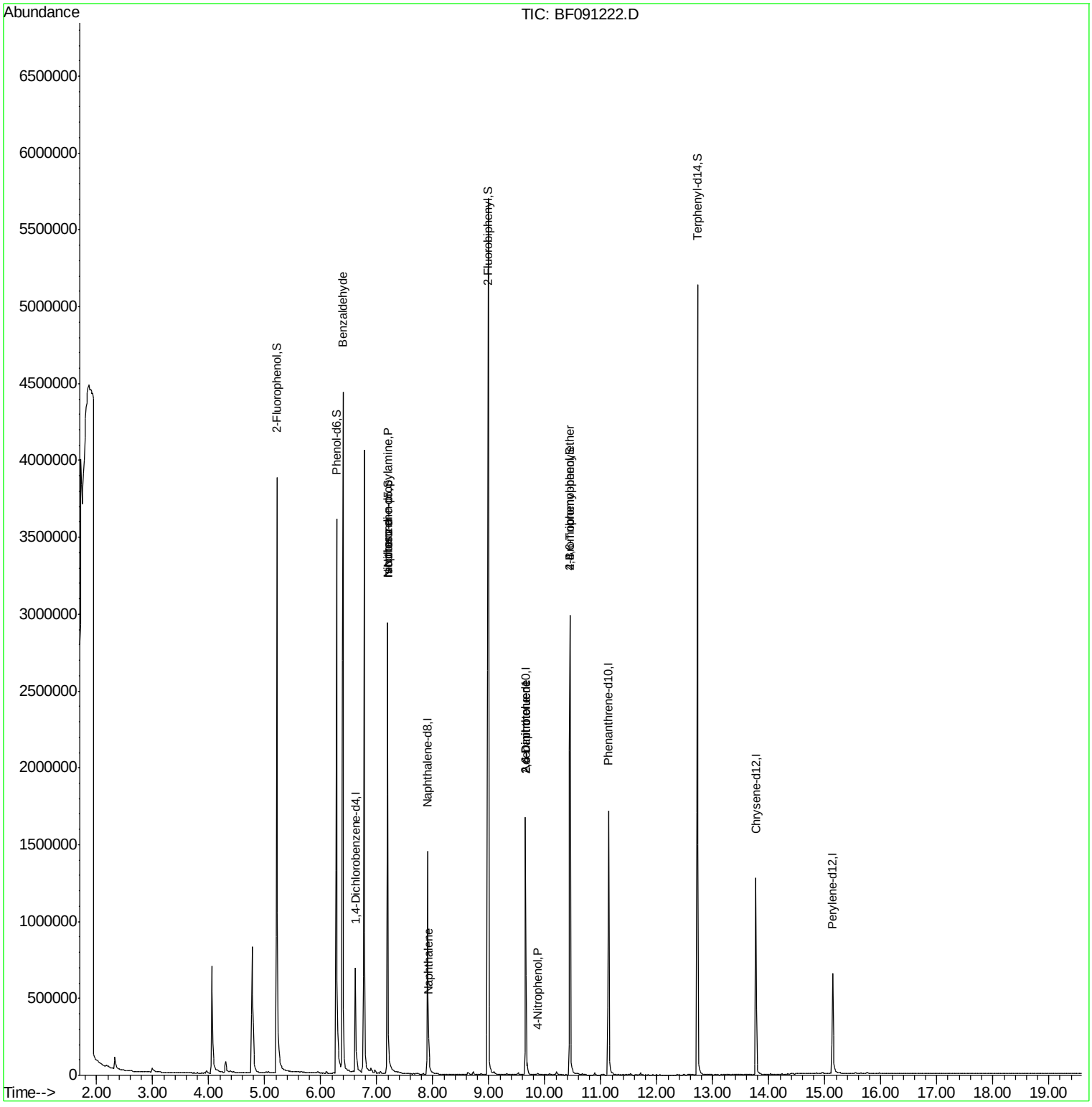
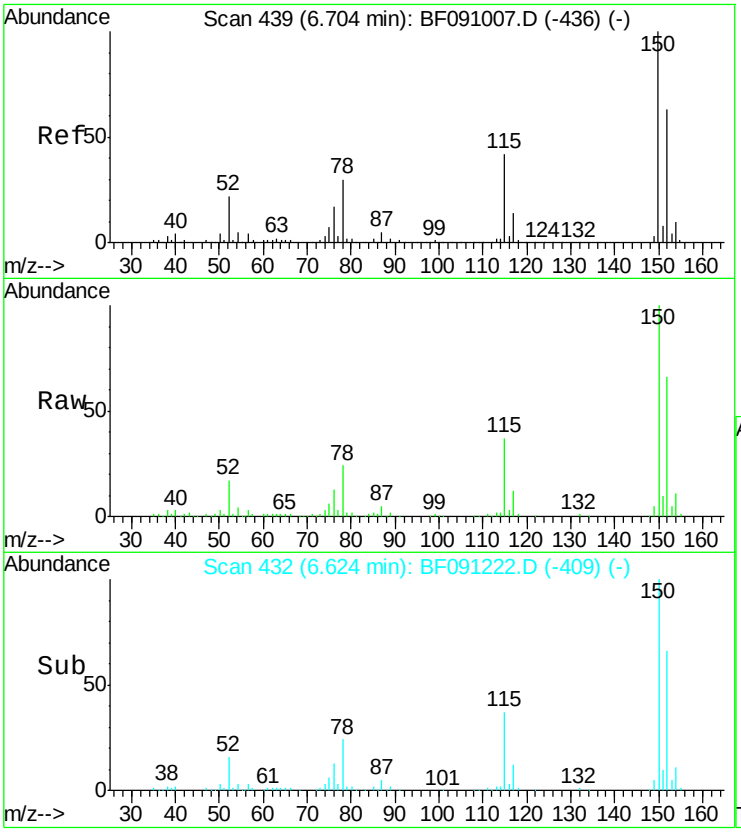


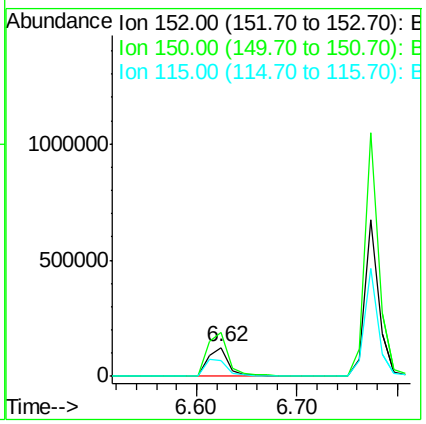


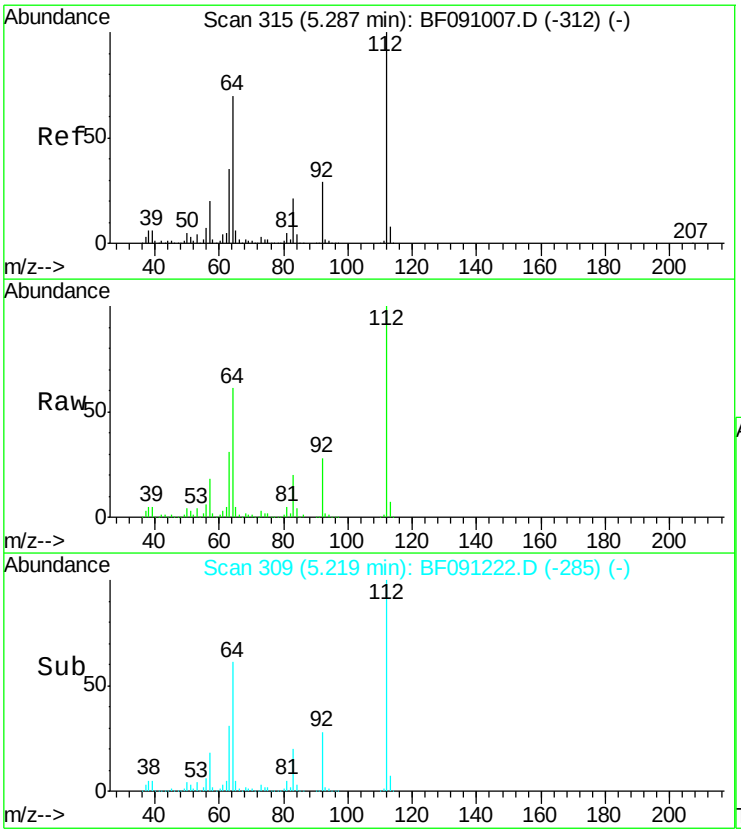
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.62 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:152 Resp: 180656

Ion	Ratio	Lower	Upper
152	100		
150	152.0	126.8	190.2
115	55.8	53.3	79.9

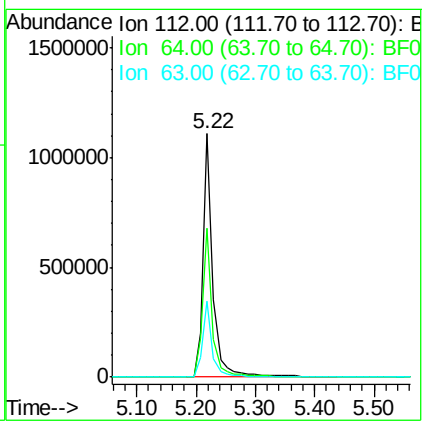


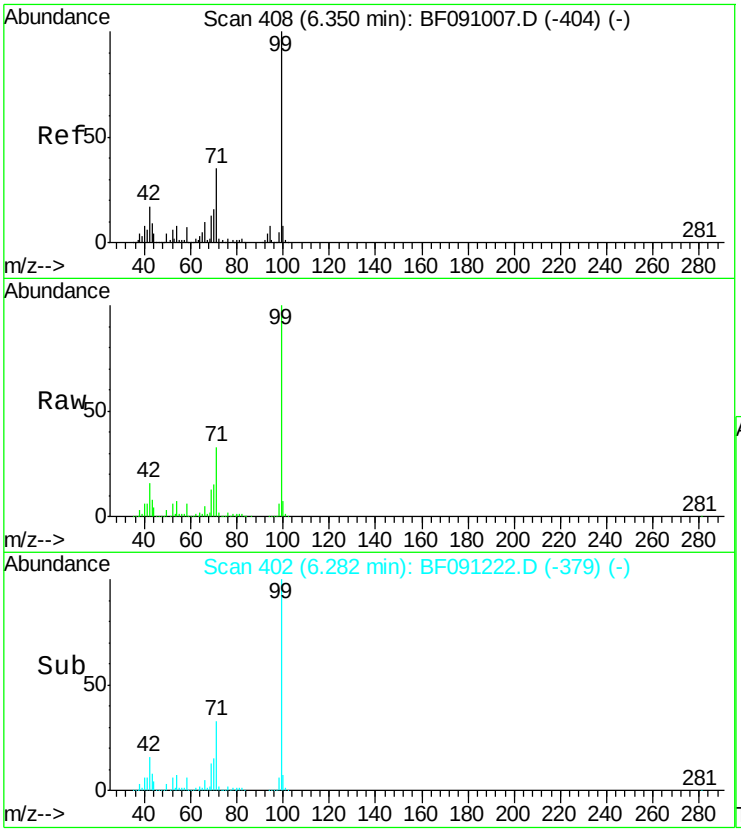


#5
2-Fluorophenol
Concen: 120.46 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Tgt Ion:112 Resp: 1317680

Ion	Ratio	Lower	Upper
112	100		
64	61.2	55.8	83.6
63	31.4	28.0	42.0



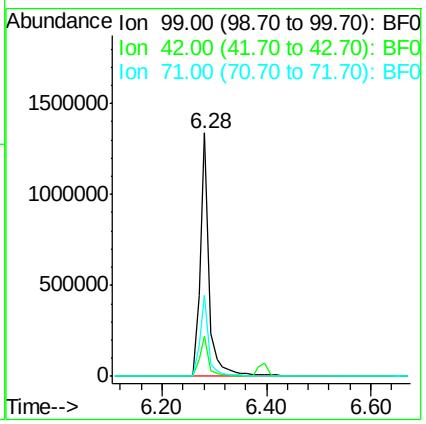


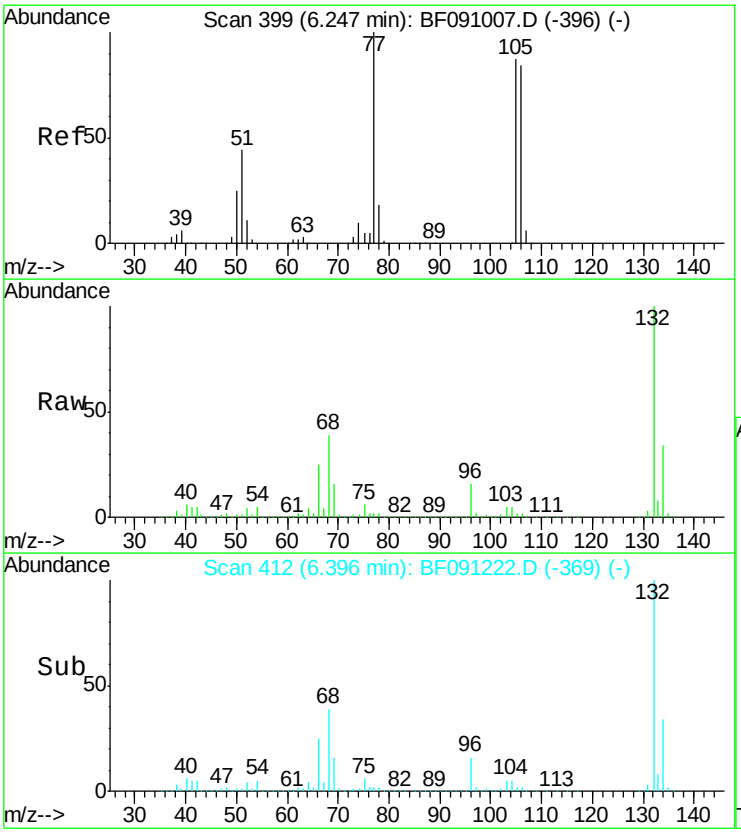
#7
Phenol-d6
Concen: 108.60 ng
RT: 6.28 min Scan# 402
Delta R.T. -0.03 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion: 99 Resp: 1612336

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.9	20.9
71	33.3	27.8	41.8

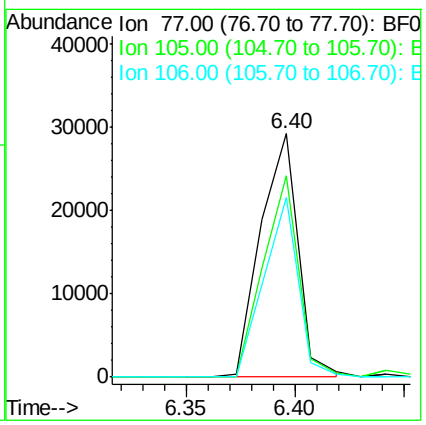


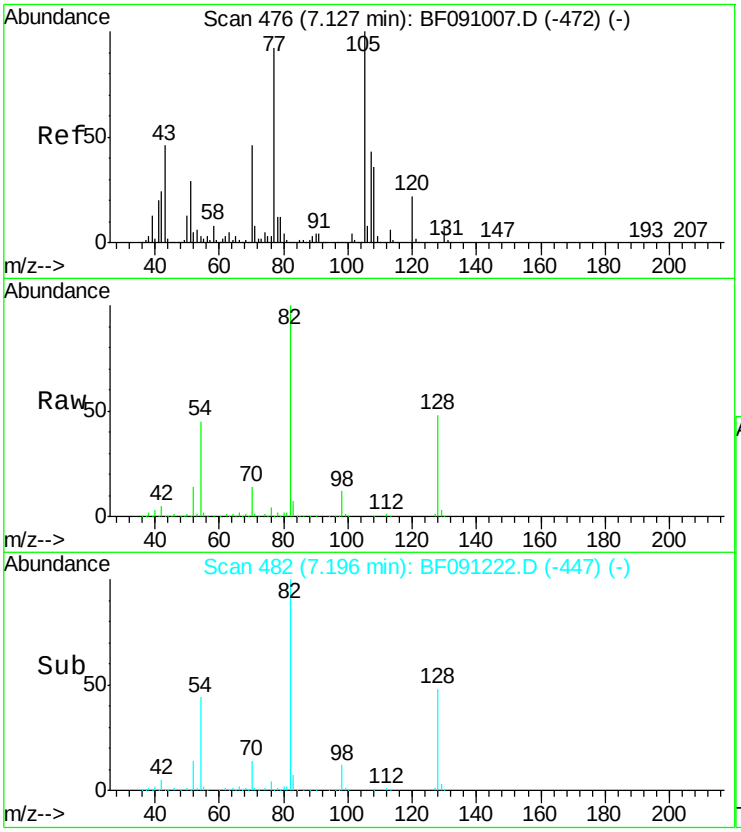


#9
Benzaldehyde
Concen: 4.28 ng
RT: 6.40 min Scan# 412
Delta R.T. 0.19 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Tgt Ion: 77 Resp: 35290

Ion	Ratio	Lower	Upper
77	100		
105	83.0	66.8	106.8
106	73.9	64.0	104.0



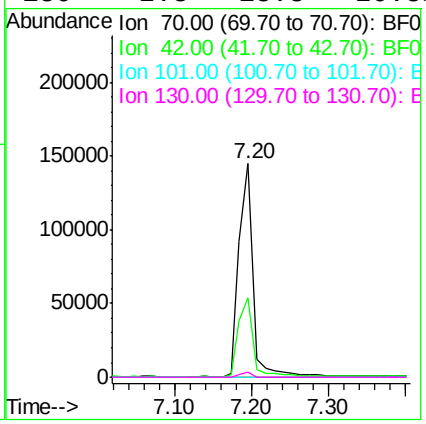


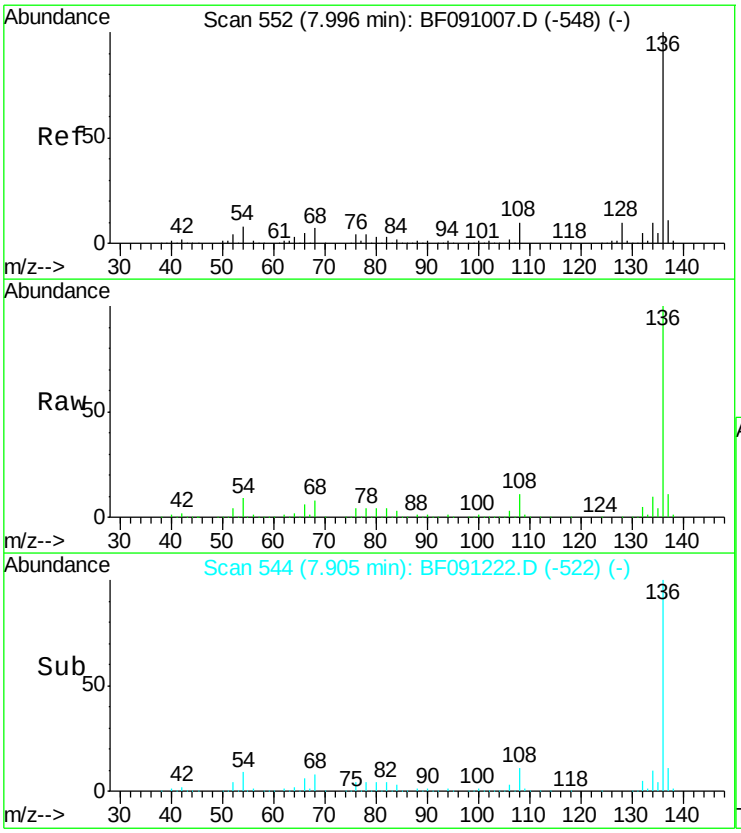
#19
n-Nitroso-di-n-propylamine
Concen: 18.39 ng
RT: 7.20 min Scan# 482
Delta R.T. 0.10 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion: 70 Resp: 189187

Ion	Ratio	Lower	Upper
70	100		
42	36.9	41.7	62.5#
101	0.0	6.7	10.1#
130	2.3	13.8	20.8#

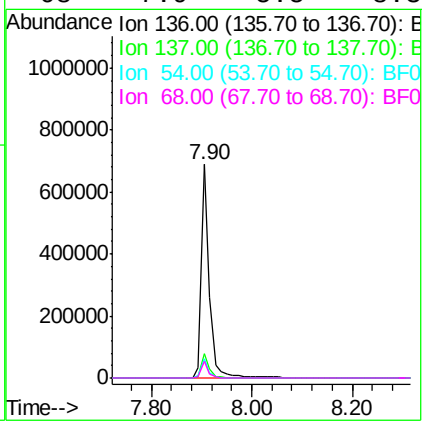


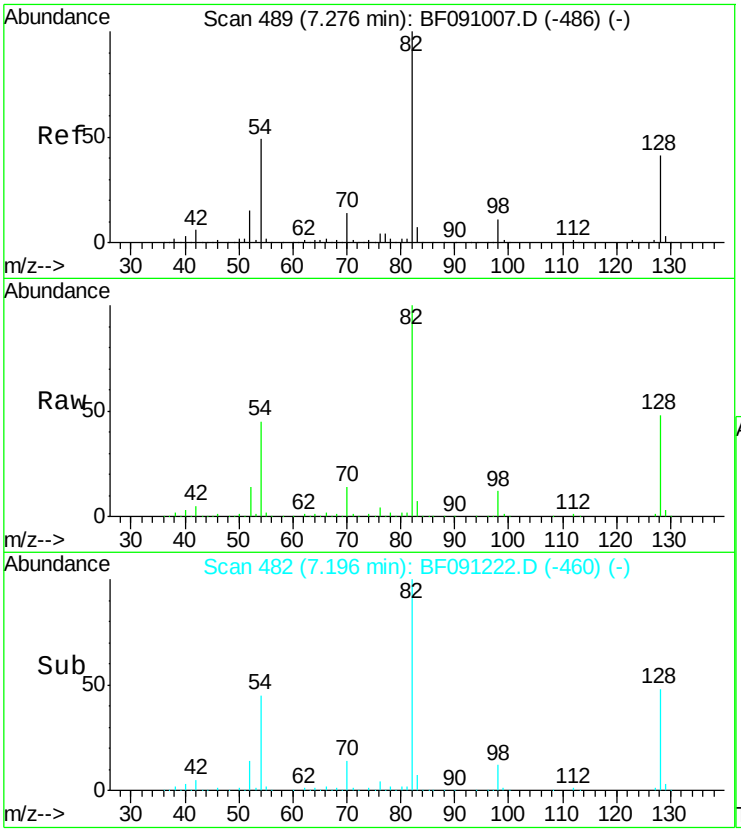


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.90 min Scan# 544
Delta R.T. -0.05 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Tgt Ion:136 Resp: 765766

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	8.9	6.2	9.2
68	7.9	5.5	8.3



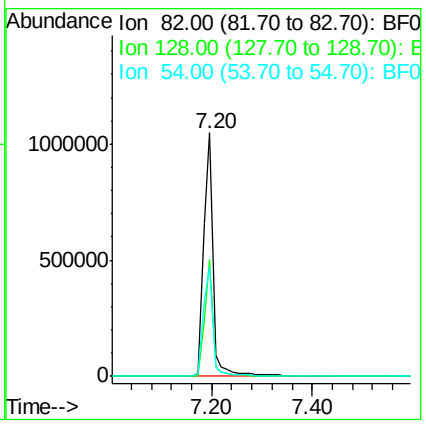


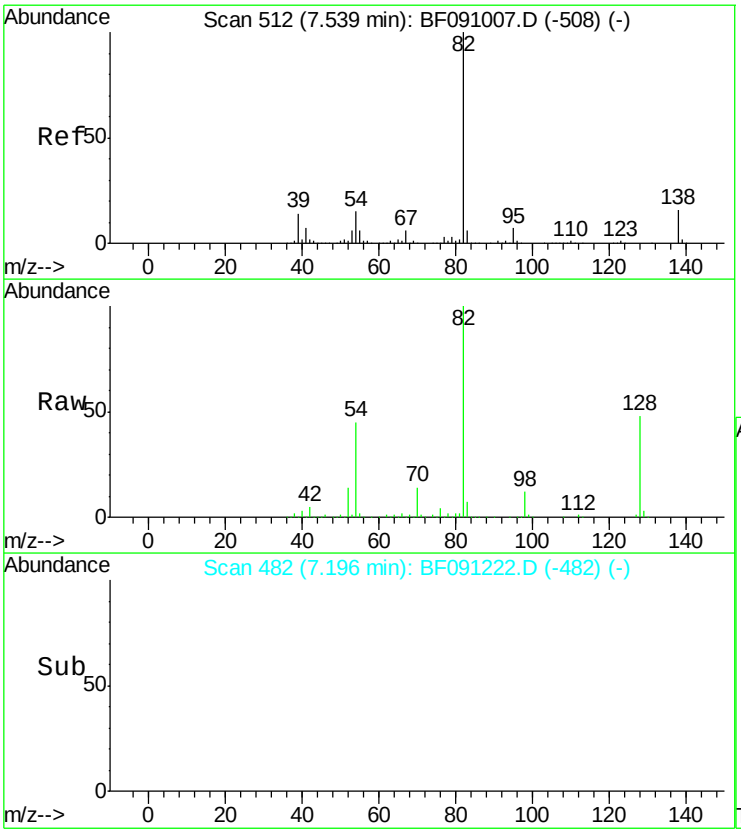
#23
Nitrobenzene-d5
Concen: 98.06 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.05 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion: 82 Resp: 1376591

Ion	Ratio	Lower	Upper
82	100		
128	48.1	32.4	48.6
54	44.6	39.2	58.8

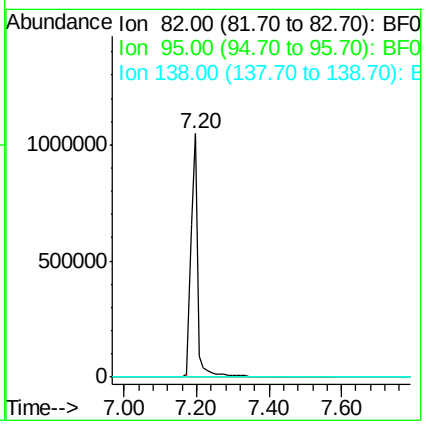


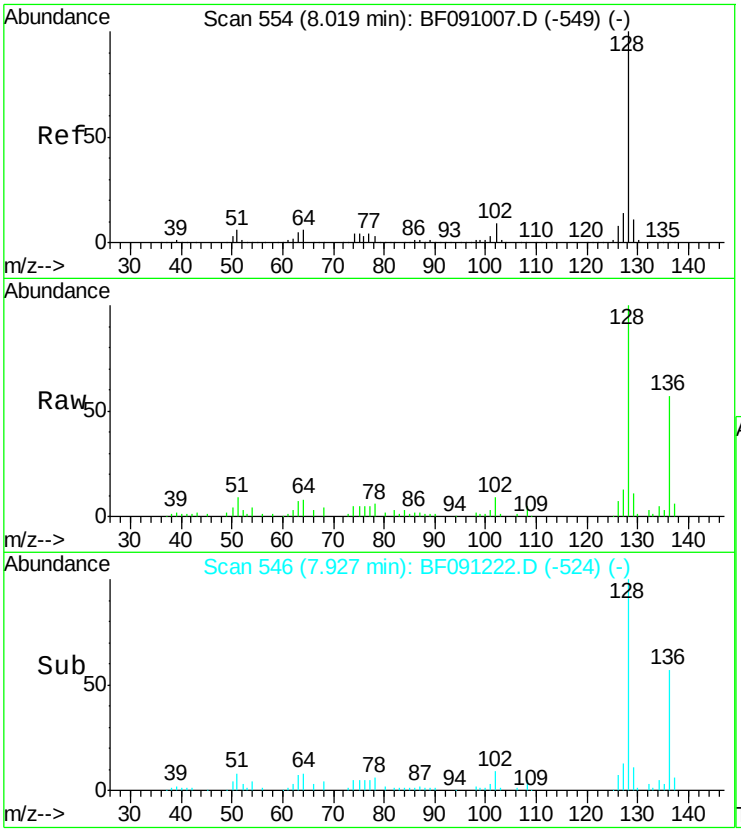


#25
Isophorone
Concen: 50.01 ng
RT: 7.20 min Scan# 482
Delta R.T. -0.30 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Tgt Ion: 82 Resp: 1352788

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



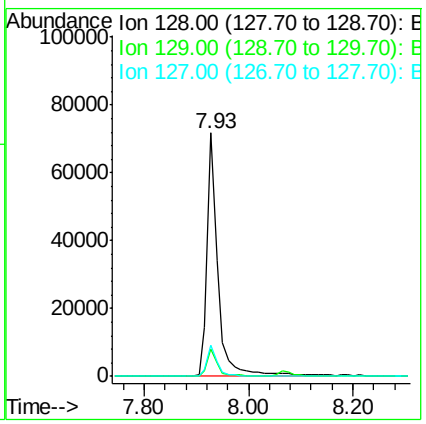


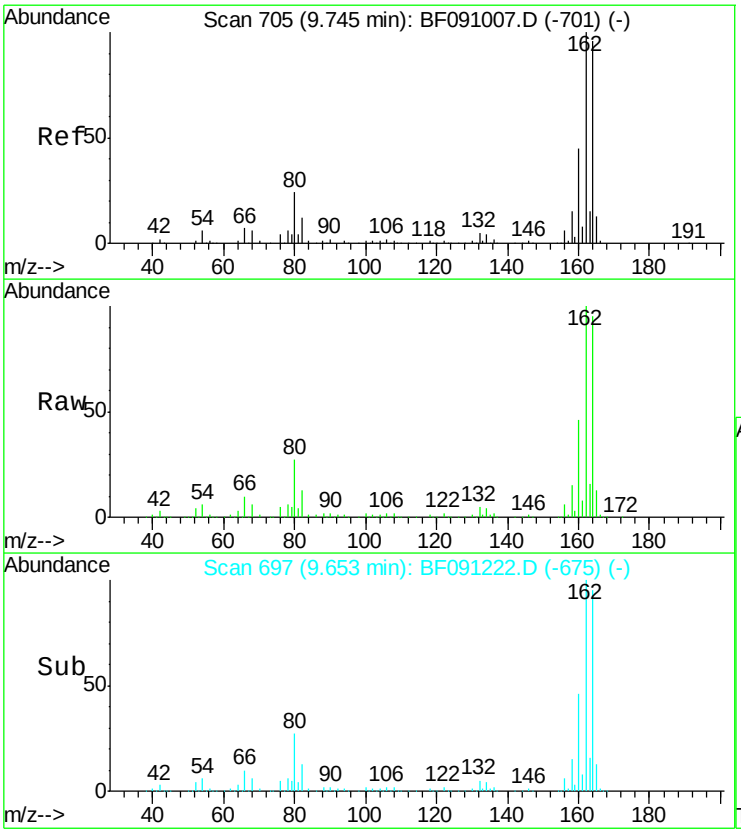
#31
Naphthalene
Concen: 2.82 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.05 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:128 Resp: 103307

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.0	10.9	16.3

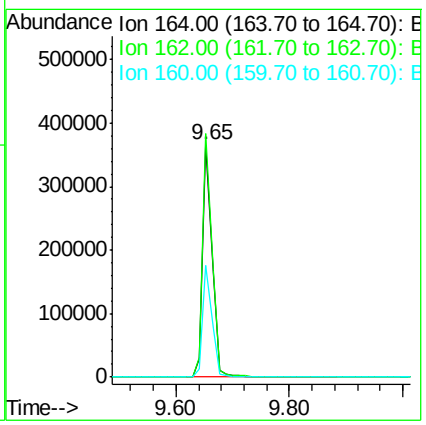


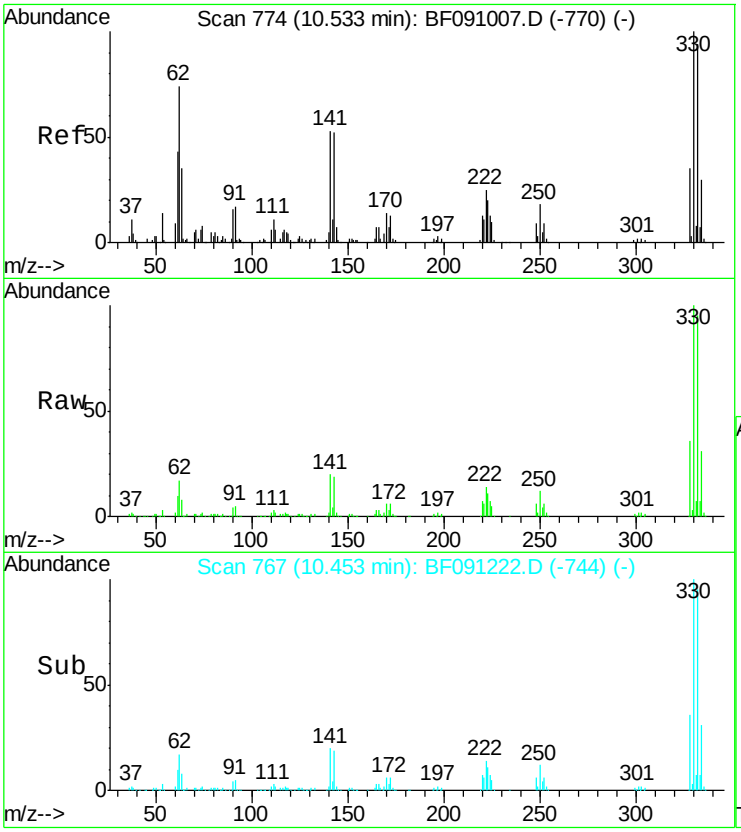


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Tgt Ion:164 Resp: 403458

Ion	Ratio	Lower	Upper
164	100		
162	104.8	83.6	125.4
160	48.4	37.9	56.9



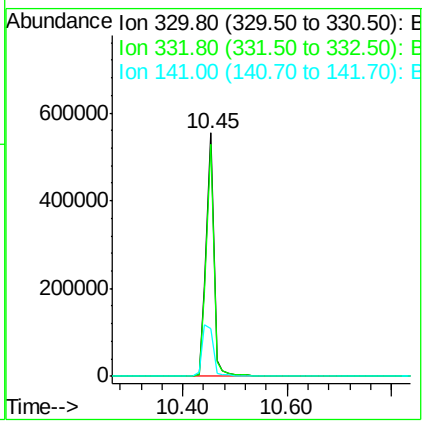


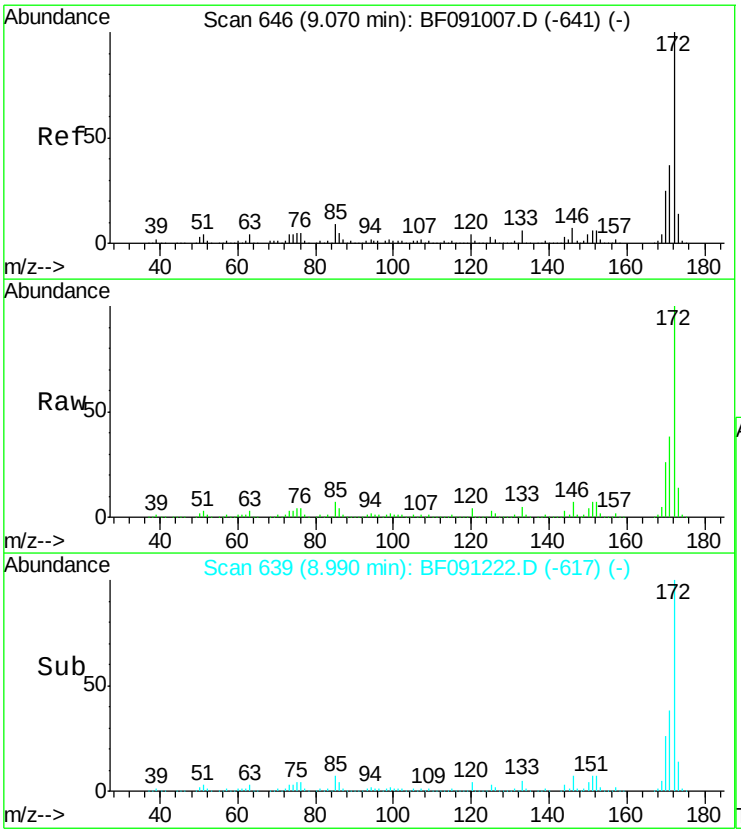
#41
2,4,6-Tribromophenol
Concen: 158.02 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.03 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:330 Resp: 576394

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.9	113.9
141	30.6	36.1	54.1#

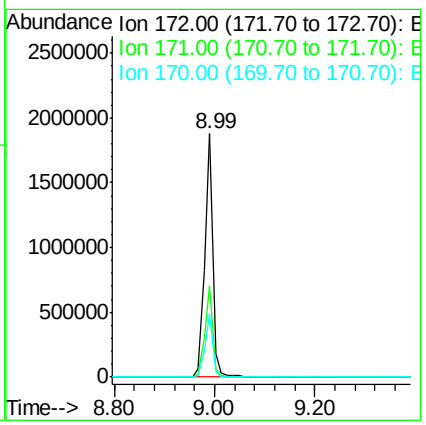


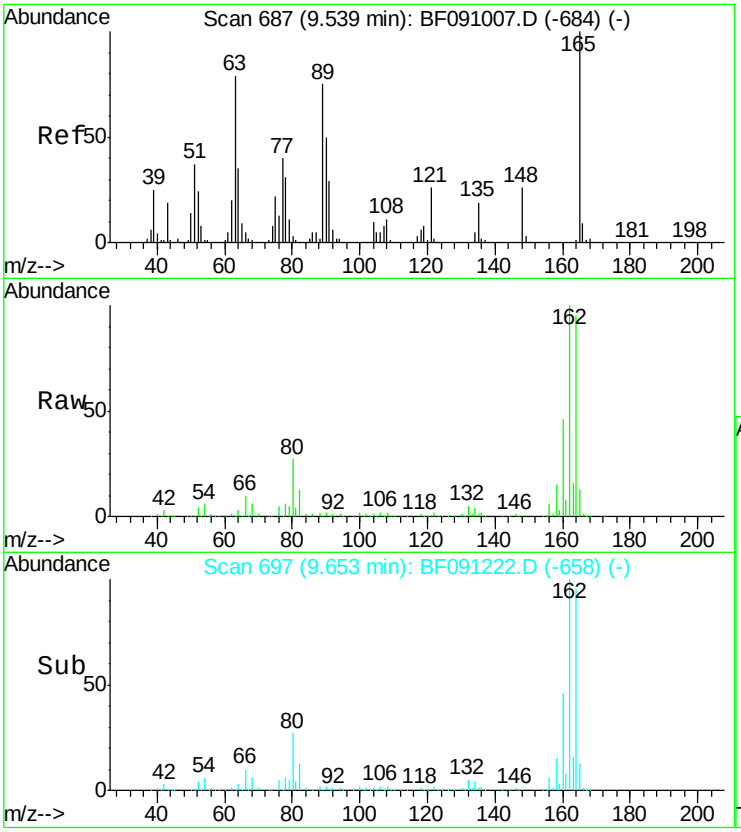


#44
2-Fluorobiphenyl
Concen: 89.62 ng
RT: 8.99 min Scan# 639
Delta R.T. -0.05 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Tgt Ion:172 Resp: 2100285

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



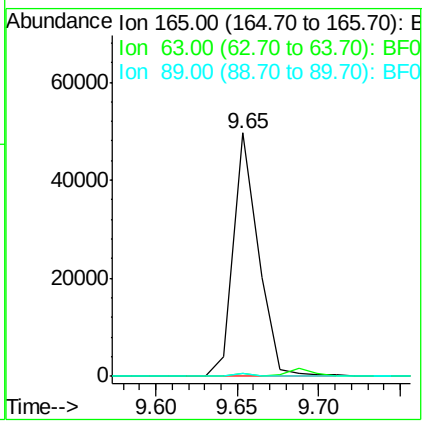


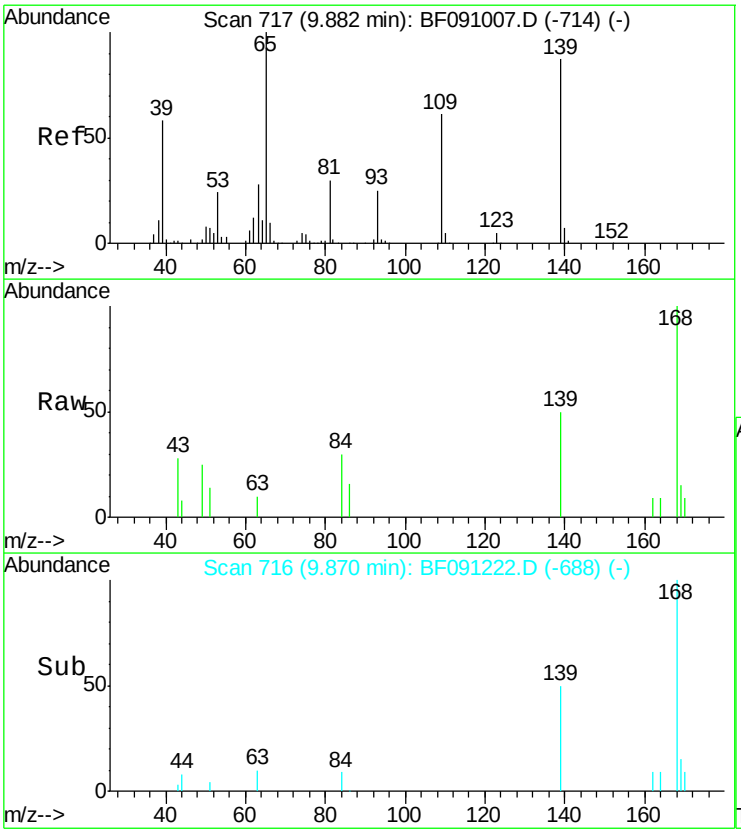
#50
2,6-Dinitrotoluene
Concen: 9.25 ng
RT: 9.65 min Scan# 697
Delta R.T. 0.15 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:165 Resp: 52421

Ion	Ratio	Lower	Upper
165	100		
63	1.0	65.6	98.4#
89	1.4	59.8	89.6#

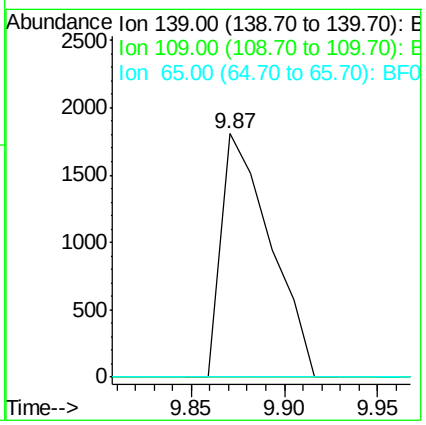


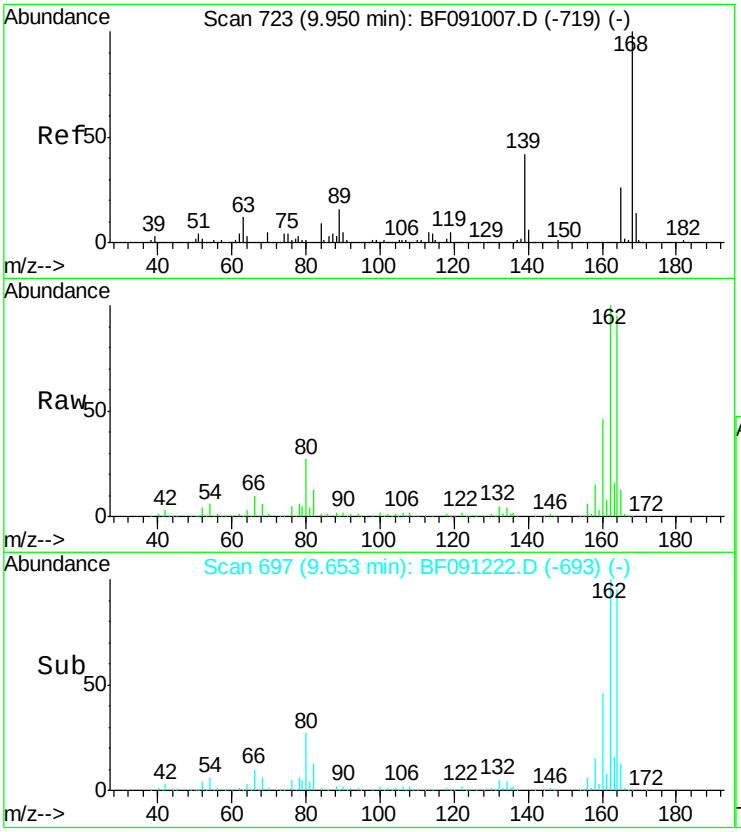


#55
4-Nitrophenol
Concen: 6.42 ng
RT: 9.87 min Scan# 716
Delta R.T. 0.02 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Tgt Ion:139 Resp: 3322

Ion	Ratio	Lower	Upper
139	100		
109	0.0	50.5	90.5#
65	0.0	97.1	137.1#



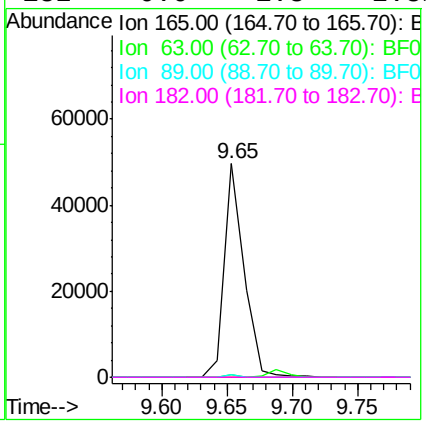


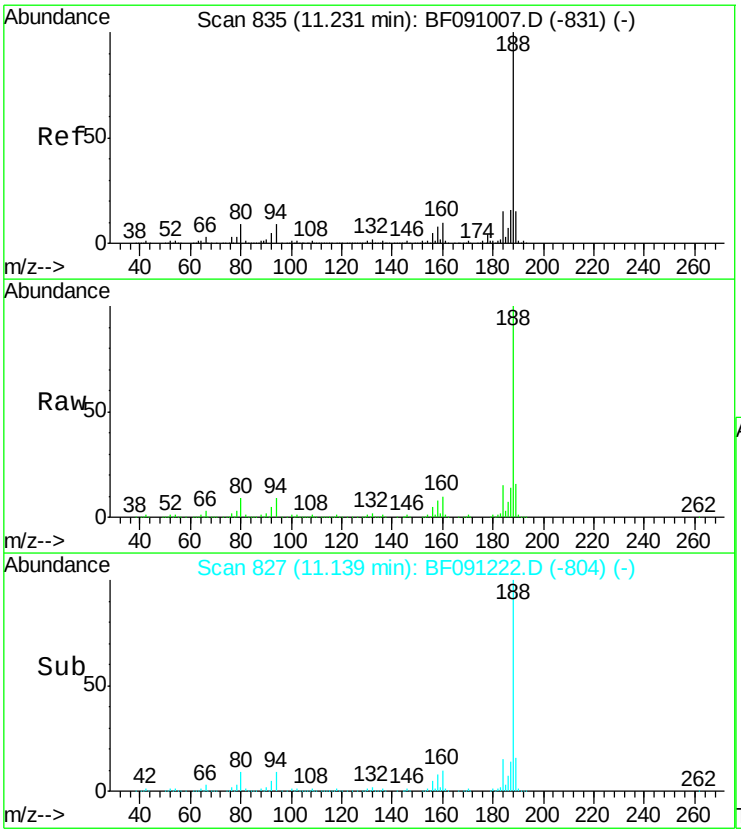
#56
2,4-Dinitrotoluene
Concen: 7.27 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.25 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:165 Resp: 52416

Ion	Ratio	Lower	Upper
165	100		
63	1.0	38.7	58.1#
89	1.4	50.6	76.0#
182	0.0	1.8	2.8#

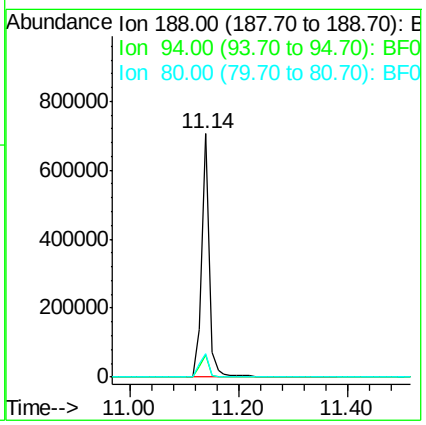


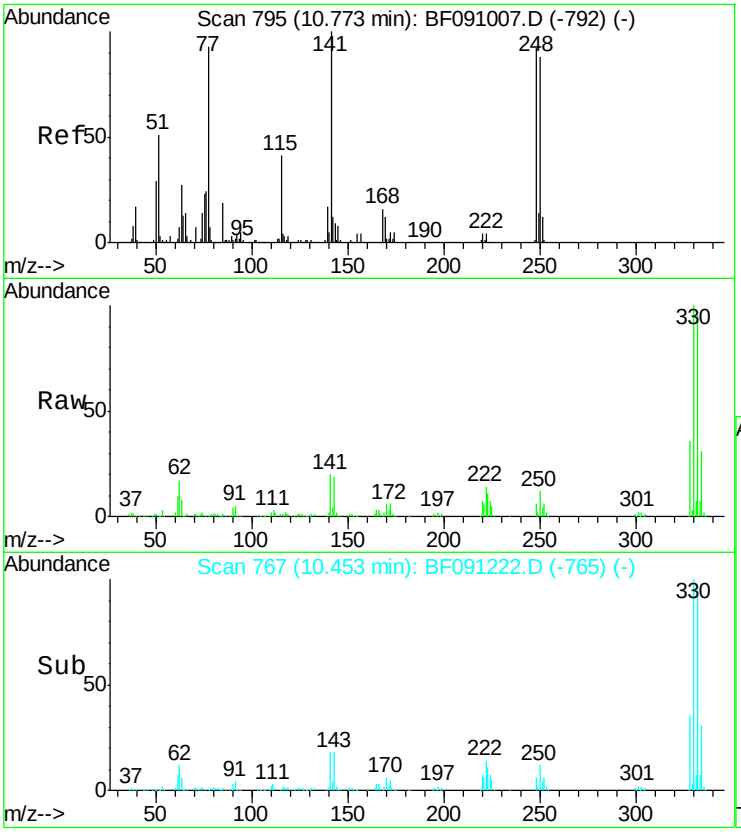


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 827
Delta R.T. -0.03 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Tgt Ion:188 Resp: 676038

Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.0	10.4
80	9.5	7.5	11.3



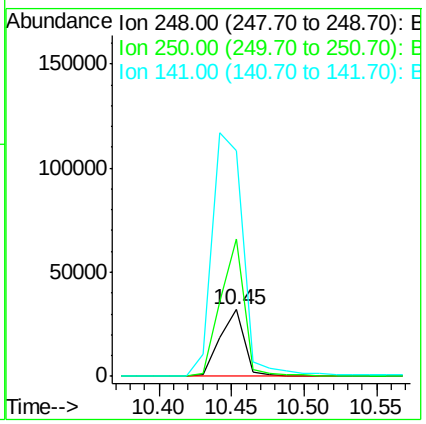


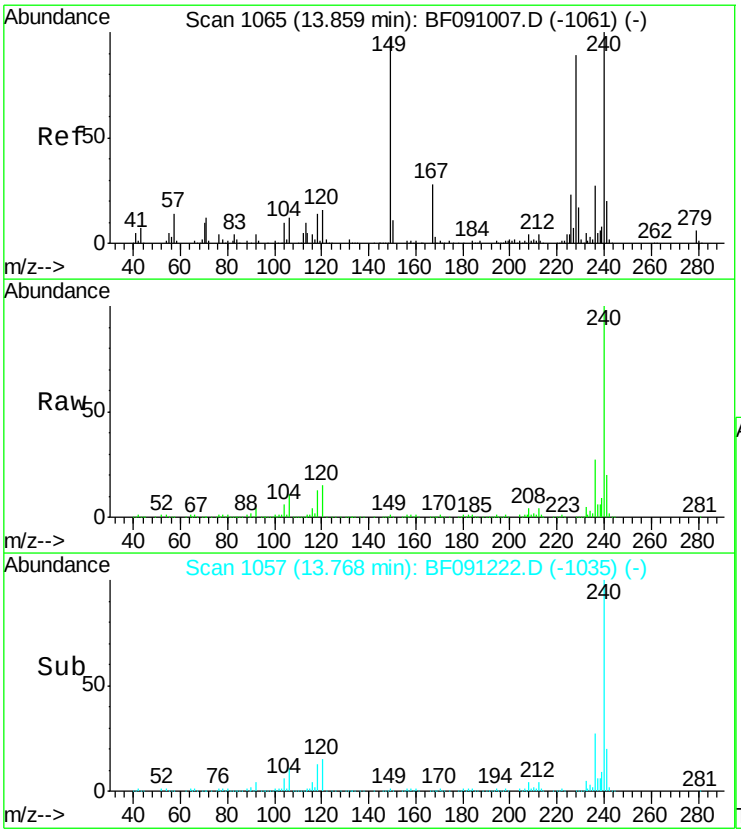
#66
4-Bromophenyl-phenylether
Concen: 5.32 ng
RT: 10.45 min Scan# 767
Delta R.T. -0.27 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:248 Resp: 37400

Ion	Ratio	Lower	Upper
248	100		
250	206.5	76.3	114.5#
141	339.6	86.8	130.2#

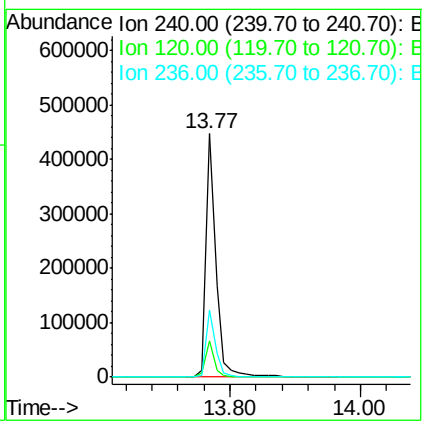


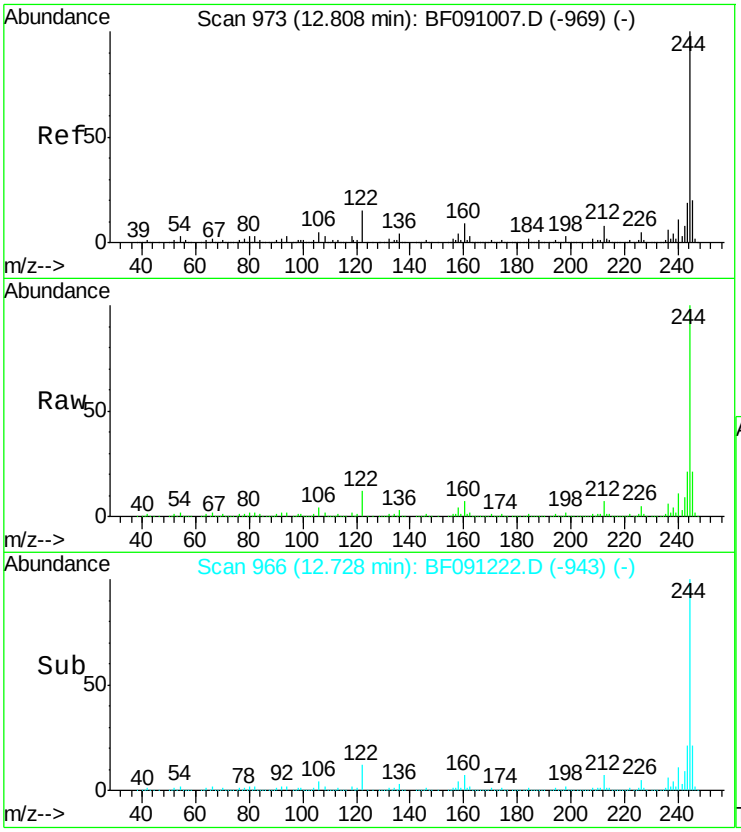


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1057
Delta R.T. -0.05 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Tgt Ion:240 Resp: 478883

Ion	Ratio	Lower	Upper
240	100		
120	15.1	12.9	19.3
236	27.2	21.9	32.9



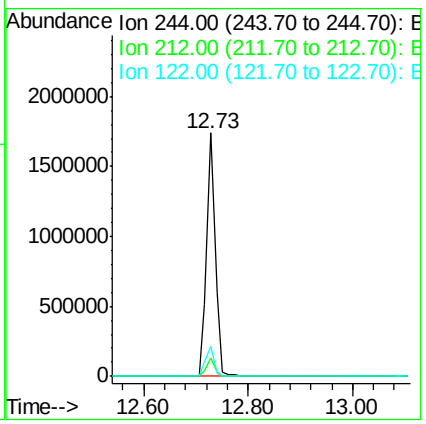


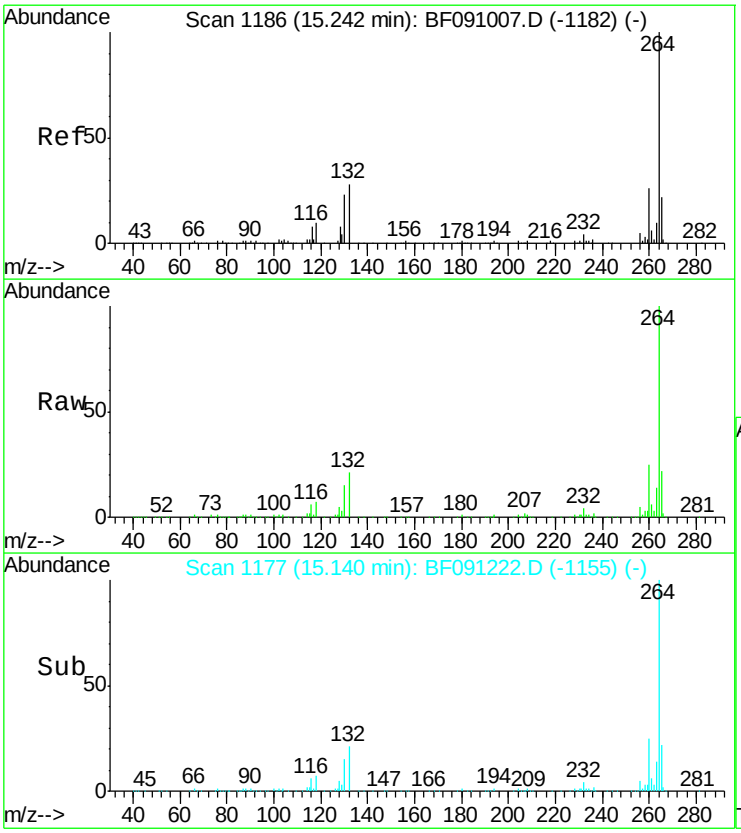
#78
Terphenyl-d14
Concen: 105.12 ng
RT: 12.73 min Scan# 966
Delta R.T. -0.03 min
Lab File: BF091222.D
Acq: 17 Nov 2016 19:48

Instrument :
BNA_F
ClientSampleId :
SB-COMP

Tgt Ion:244 Resp: 2017337

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	12.1	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: BF091222.D
Acq: 17 Nov 2016 19:48

Tgt Ion:264 Resp: 292827

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	21.8	17.8	26.8