Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091171.D
Acq On : 15 Nov 2016 11:13
Operator : UM/SJ
Sample : H5643-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-2-111016

Quant Time: Nov 16 00:17:31 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	156624	20.00	ng		-0.02
21) Naphthalene-d8	7.93	136	631051	20.00	ng		-0.02
38) Acenaphthene-d10	9.66	164	342606	20.00	ng		-0.03
63) Phenanthrene-d10	11.15	188	611201	20.00	ng		-0.02
75) Chrysene-d12	13.78	240	522725	20.00	ng		-0.03
86) Perylene-d12	15.14	264	400661	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	694071	73.19	ng		-0.02
7) Phenol-d6	6.29	99	546926	42.49	ng		-0.02
23) Nitrobenzene-d5	7.21	82	975832	84.35	ng		-0.03
41) 2,4,6-Tribromophenol	10.46	330	589603	190.36	ng		-0.02
44) 2-Fluorobiphenyl	9.00	172	1907680	95.86	ng		-0.03
78) Terphenyl-d14	12.74	244	2148838	102.58	ng		-0.02
Target Compounds							Qvalue
9) Benzaldehyde	6.41	77	26925	3.77	ng		91
15) Benzyl Alcohol	6.78	79	23104	2.54	ng	#	52
18) Hexachloroethane	7.21	117	1113915	234.47	ng	#	2
19) n-Nitroso-di-n-propylamine	7.21	70	130357	14.61	ng	#	81
22) Acetophenone	7.04	105	106764	7.35	ng	#	57
24) Nitrobenzene	7.18	77	170367	13.33	ng	#	21
25) Isophorone	7.21	82	791376	35.50	ng	#	67
31) Naphthalene	7.94	128	1283148	42.52	ng		99
32) Benzoic acid	7.74	122	4179	5.61	ng	#	1
33) 4-Chloroaniline	7.94	127	194744	15.52	ng	#	35
37) 2-Methylnaphthalene	8.64	142	708225	36.50	ng		98
49) Dimethylphthalate	9.40	163	90290	4.02	ng		98
50) 2,6-Dinitrotoluene	9.66	165	45997	9.55	ng	#	13
55) 4-Nitrophenol	9.78	139	602	5.88	ng	#	34
66) 4-Bromophenyl-phenylether	10.46	248	39795	6.26	ng	#	1

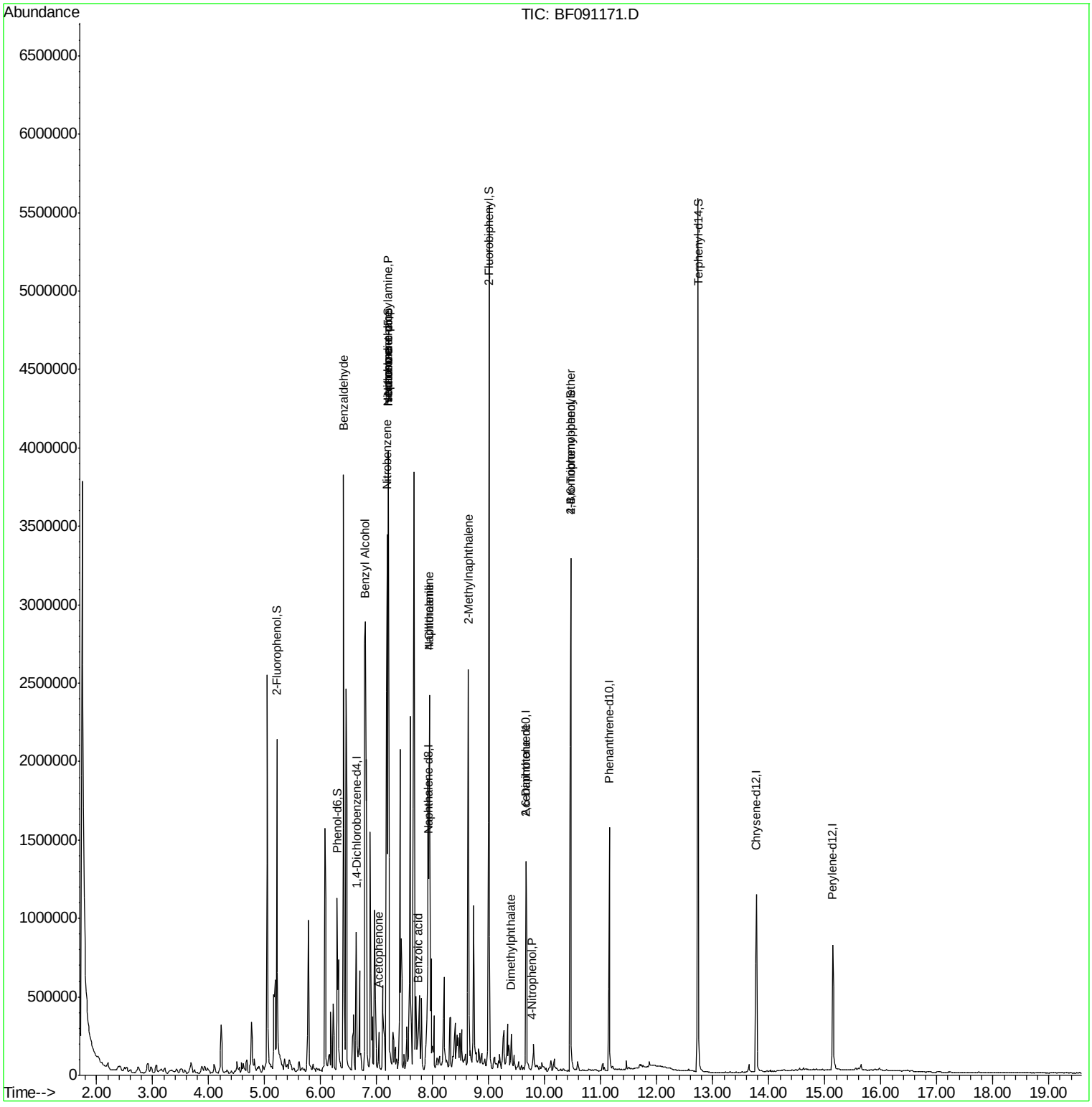
(#) = qualifier out of range (m) = manual integration (+) = signals summed

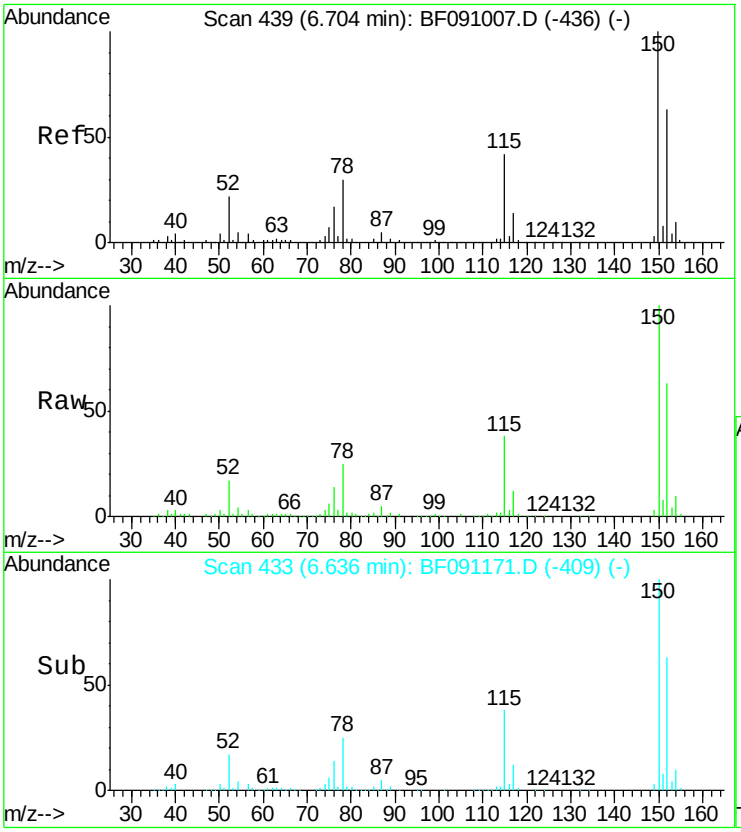
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111516\
Data File : BF091171.D
Acq On : 15 Nov 2016 11:13
Operator : UM/SJ
Sample : H5643-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Quant Time: Nov 16 00:17:31 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



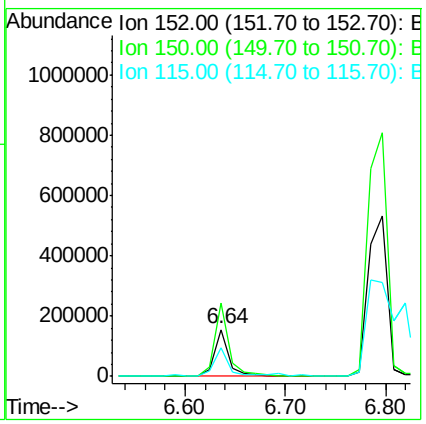


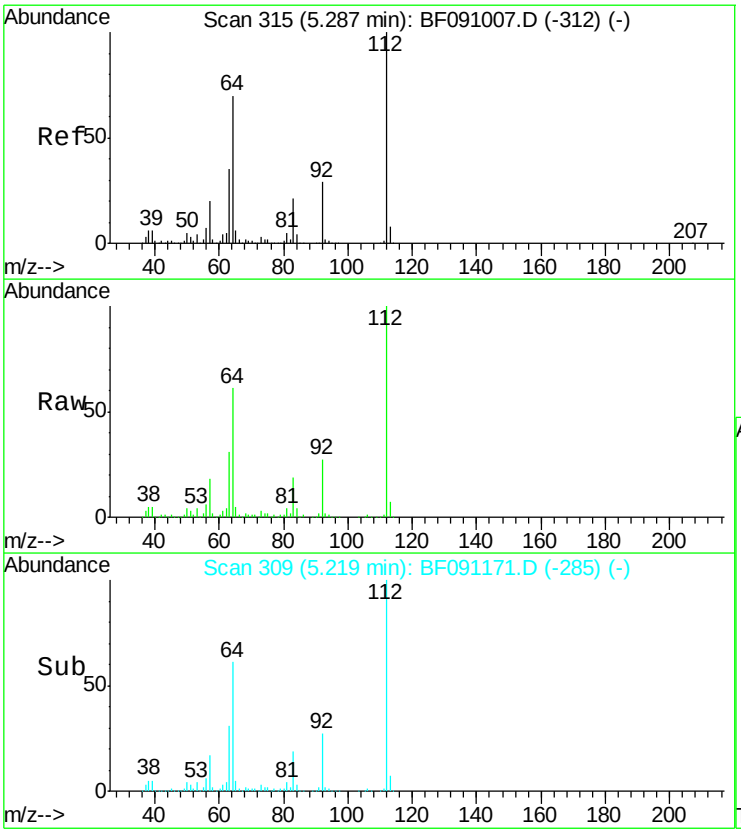
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 433
Delta R.T. -0.02 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion:152 Resp: 156624

Ion	Ratio	Lower	Upper
152	100		
150	158.3	126.8	190.2
115	60.2	53.3	79.9

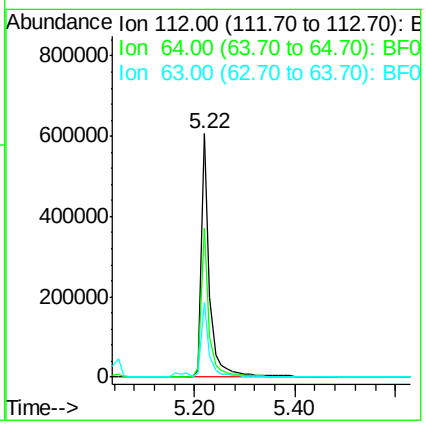


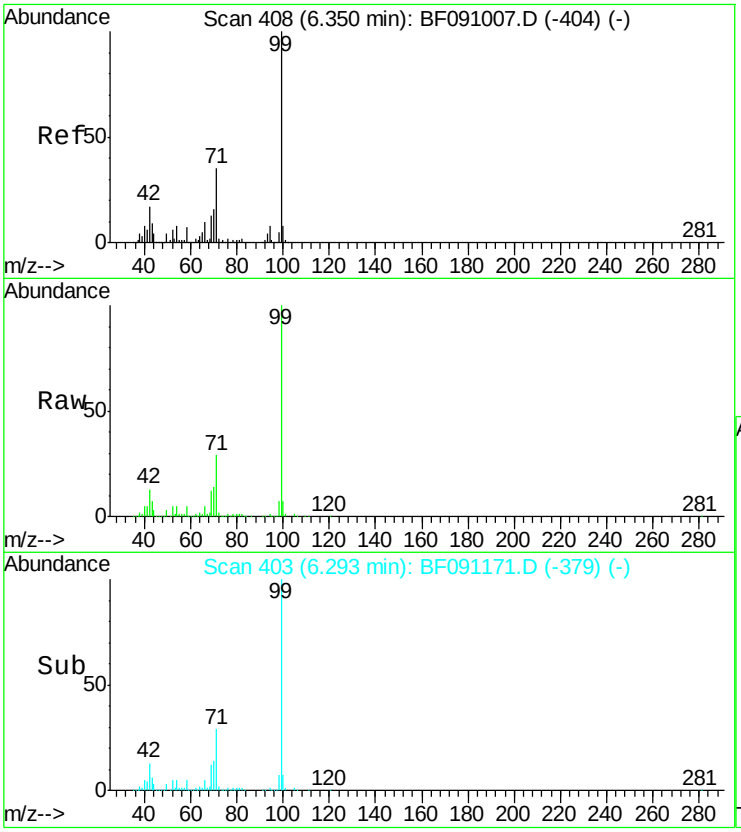


#5
2-Fluorophenol
Concen: 73.19 ng
RT: 5.22 min Scan# 309
Delta R.T. -0.02 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion:112 Resp: 694071

Ion	Ratio	Lower	Upper
112	100		
64	61.4	55.8	83.6
63	30.9	28.0	42.0



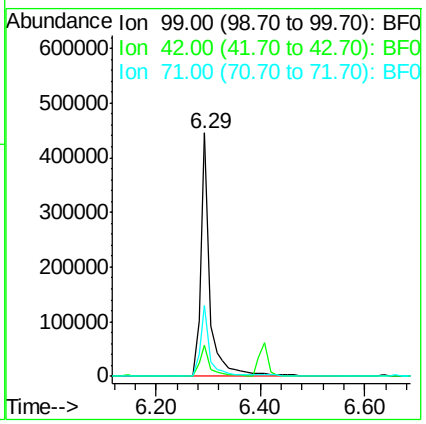


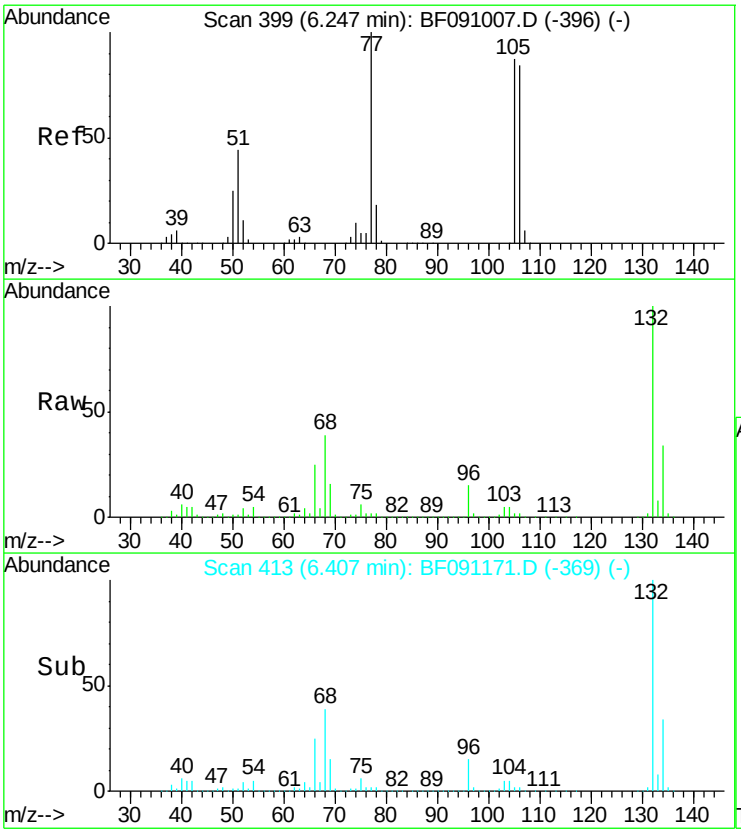
#7
Phenol-d6
Concen: 42.49 ng
RT: 6.29 min Scan# 403
Delta R.T. -0.02 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion: 99 Resp: 546926

Ion	Ratio	Lower	Upper
99	100		
42	12.6	13.9	20.9#
71	29.1	27.8	41.8

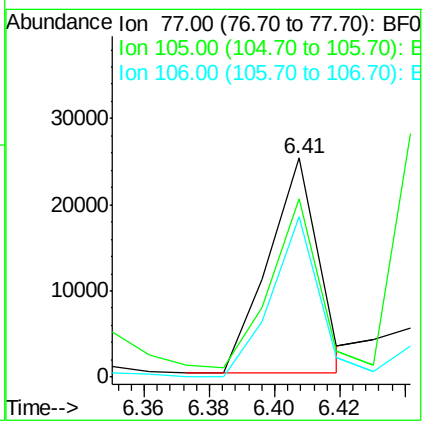


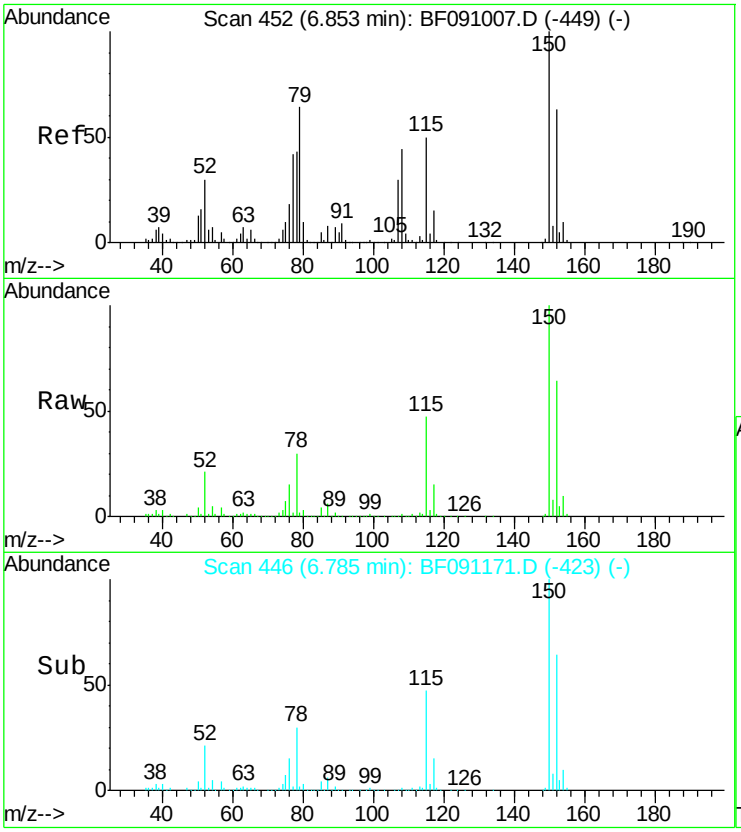


#9
Benzaldehyde
Concen: 3.77 ng
RT: 6.41 min Scan# 413
Delta R.T. 0.21 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion: 77 Resp: 26925

Ion	Ratio	Lower	Upper
77	100		
105	81.2	66.8	106.8
106	73.5	64.0	104.0



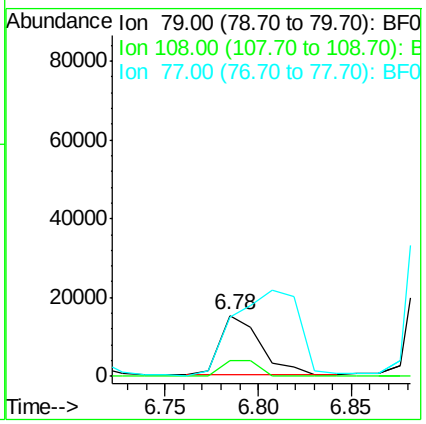


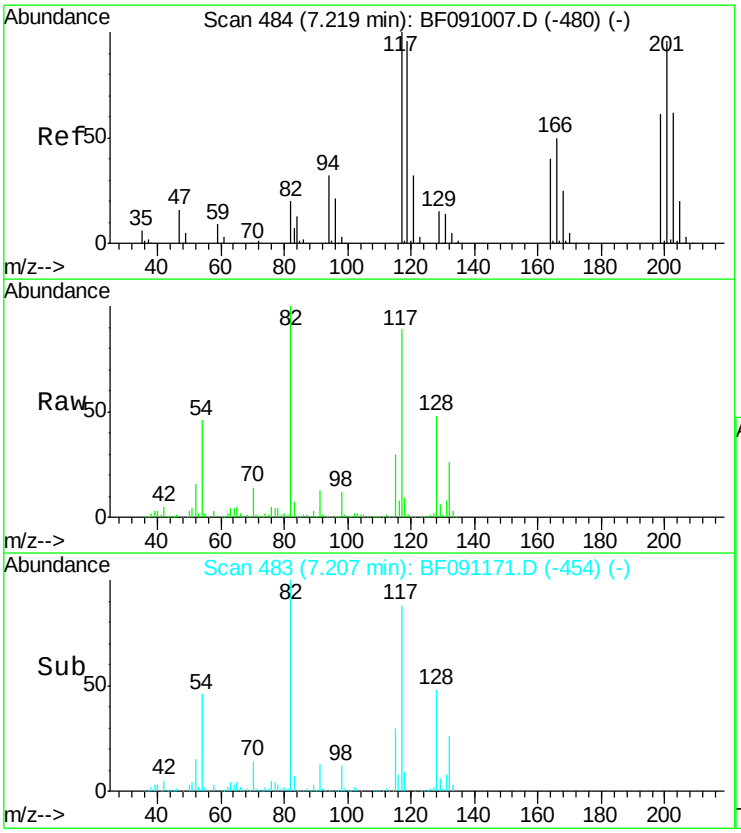
#15
Benzyl Alcohol
Concen: 2.54 ng
RT: 6.78 min Scan# 446
Delta R.T. -0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion: 79 Resp: 23104

Ion	Ratio	Lower	Upper
79	100		
108	25.1	55.7	83.5#
77	98.6	52.6	79.0#

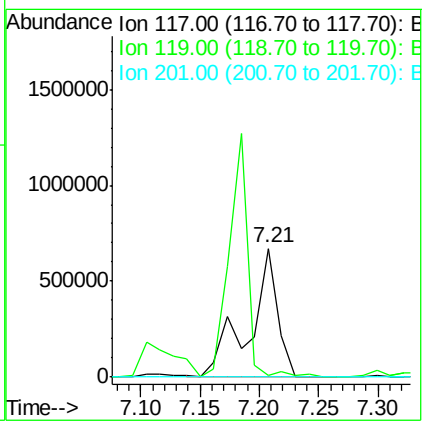


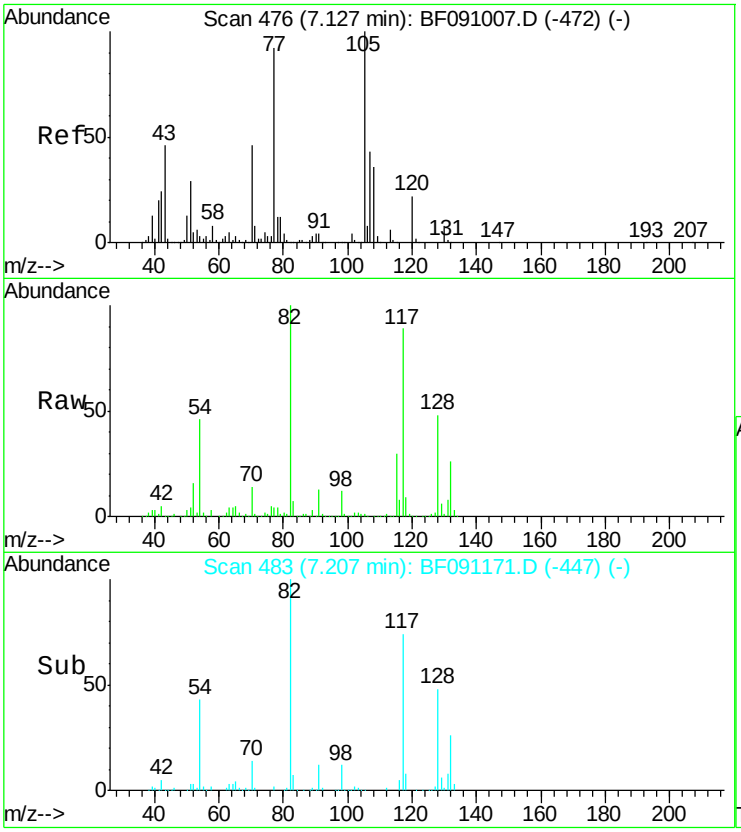


#18
Hexachloroethane
Concen: 234.47 ng
RT: 7.21 min Scan# 483
Delta R.T. 0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion:117 Resp: 1113915

Ion	Ratio	Lower	Upper
117	100		
119	1.4	76.6	115.0#
201	0.0	77.1	115.7#



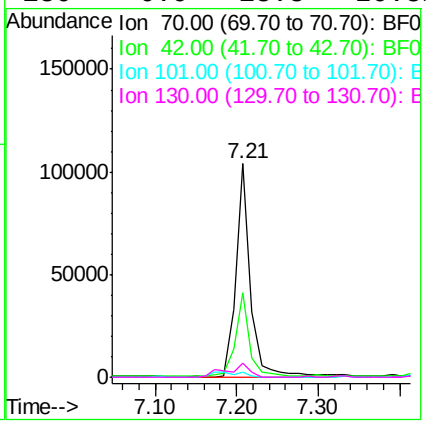


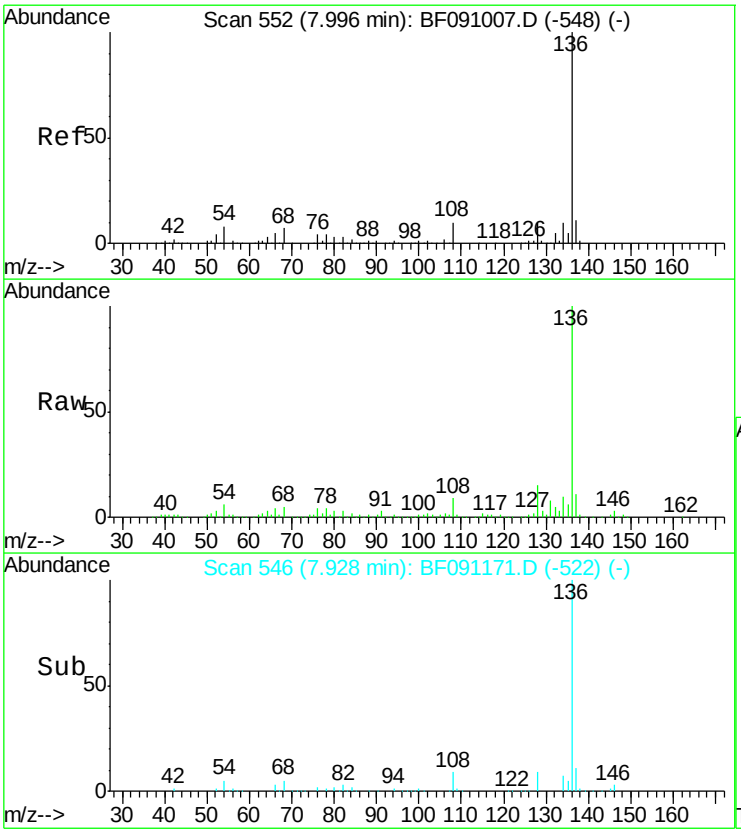
#19
n-Nitroso-di-n-propylamine
Concen: 14.61 ng
RT: 7.21 min Scan# 483
Delta R.T. 0.11 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion: 70 Resp: 130357

Ion	Ratio	Lower	Upper
70	100		
42	39.3	41.7	62.5#
101	2.6	6.7	10.1#
130	6.9	13.8	20.8#

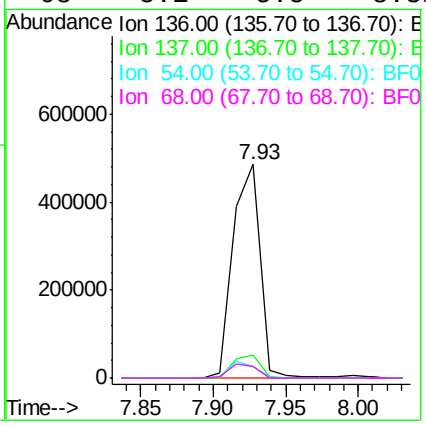


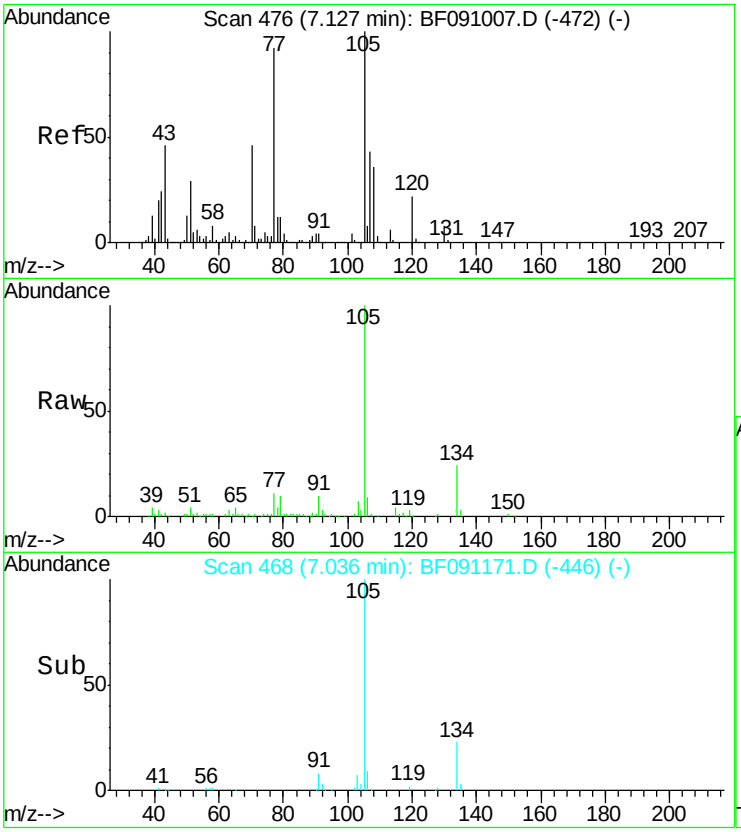


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 546
Delta R.T. -0.02 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion:136 Resp: 631051

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.5	6.2	9.2#
68	5.1	5.5	8.3#



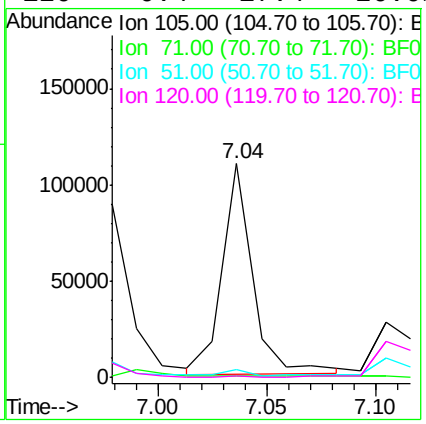


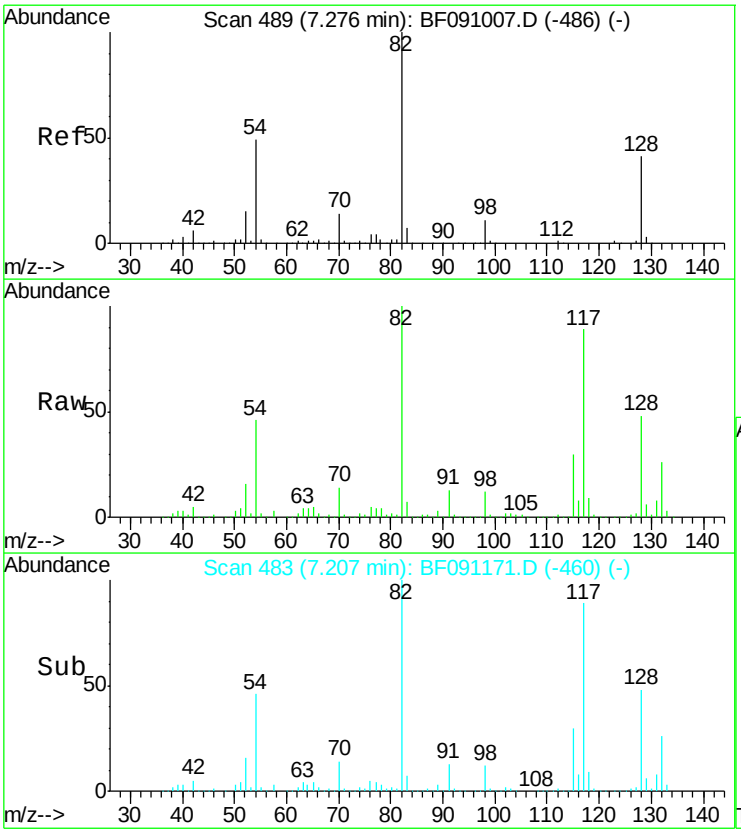
#22
Acetophenone
Concen: 7.35 ng
RT: 7.04 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion:105 Resp: 106764

Ion	Ratio	Lower	Upper
105	100		
71	0.8	6.2	9.2#
51	3.6	23.3	34.9#
120	0.4	17.4	26.0#

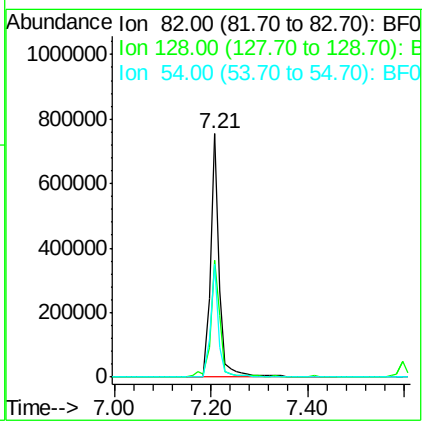


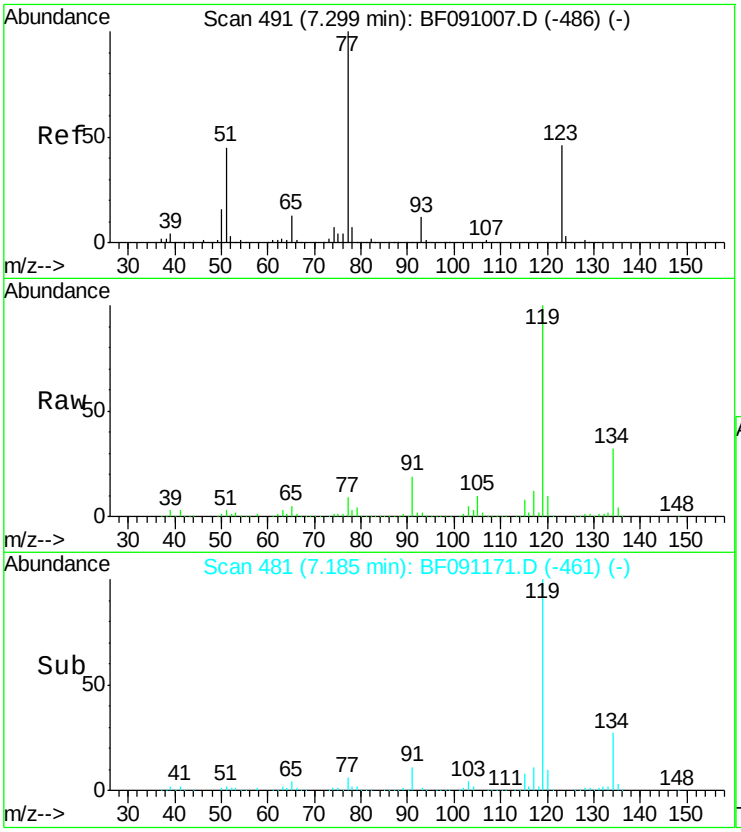


#23
Nitrobenzene-d5
Concen: 84.35 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion: 82 Resp: 975832

Ion	Ratio	Lower	Upper
82	100		
128	47.9	32.4	48.6
54	46.4	39.2	58.8



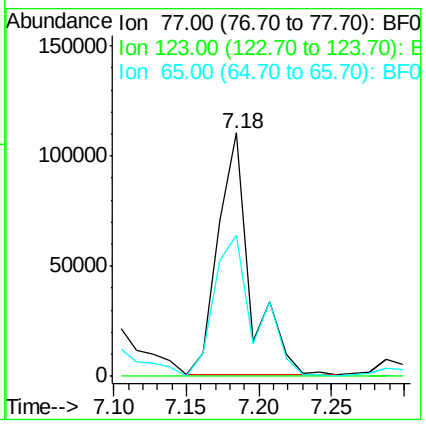


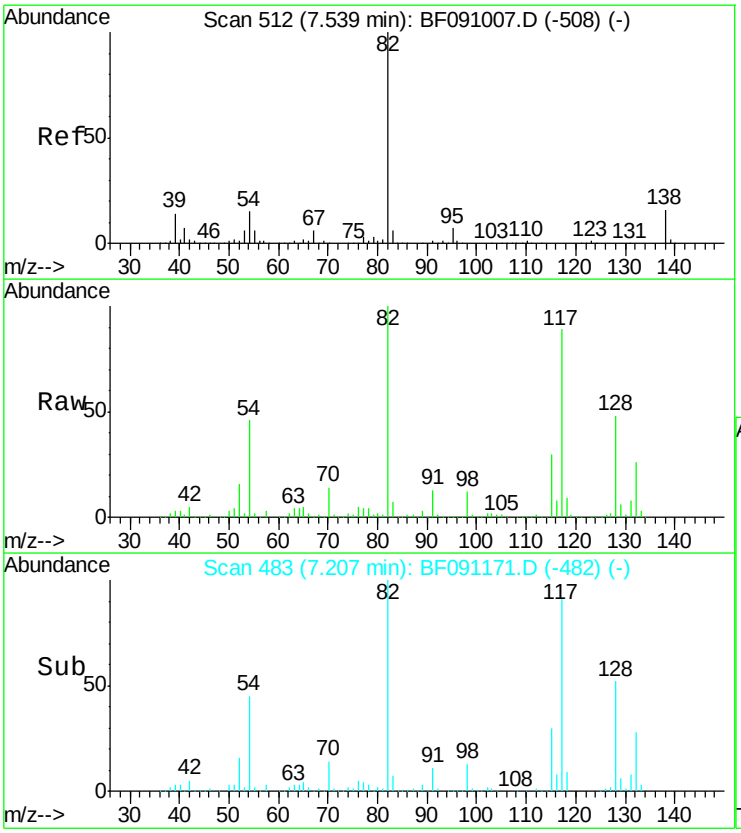
#24
Nitrobenzene
Concen: 13.33 ng
RT: 7.18 min Scan# 481
Delta R.T. -0.07 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion: 77 Resp: 170367

Ion	Ratio	Lower	Upper
77	100		
123	0.0	36.5	54.7#
65	57.9	10.7	16.1#

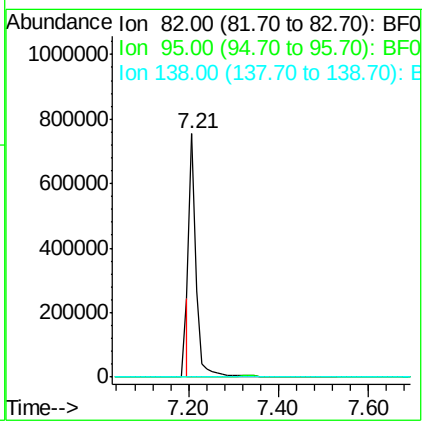


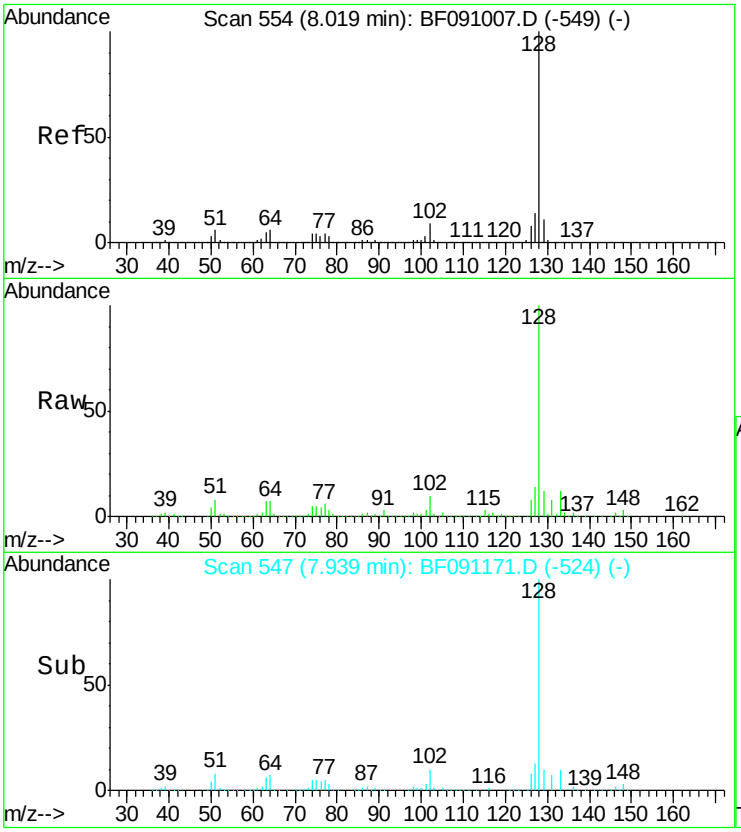


#25
Isophorone
Concen: 35.50 ng
RT: 7.21 min Scan# 483
Delta R.T. -0.29 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion: 82 Resp: 791376

Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.4	8.0#
138	0.0	13.0	19.4#



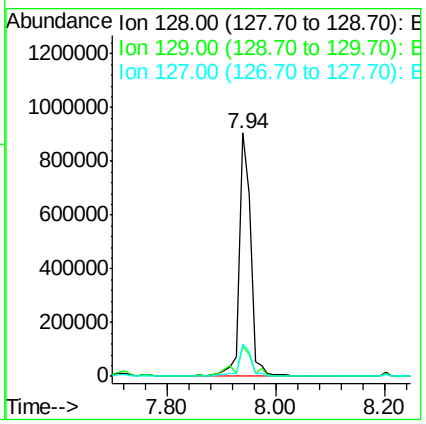


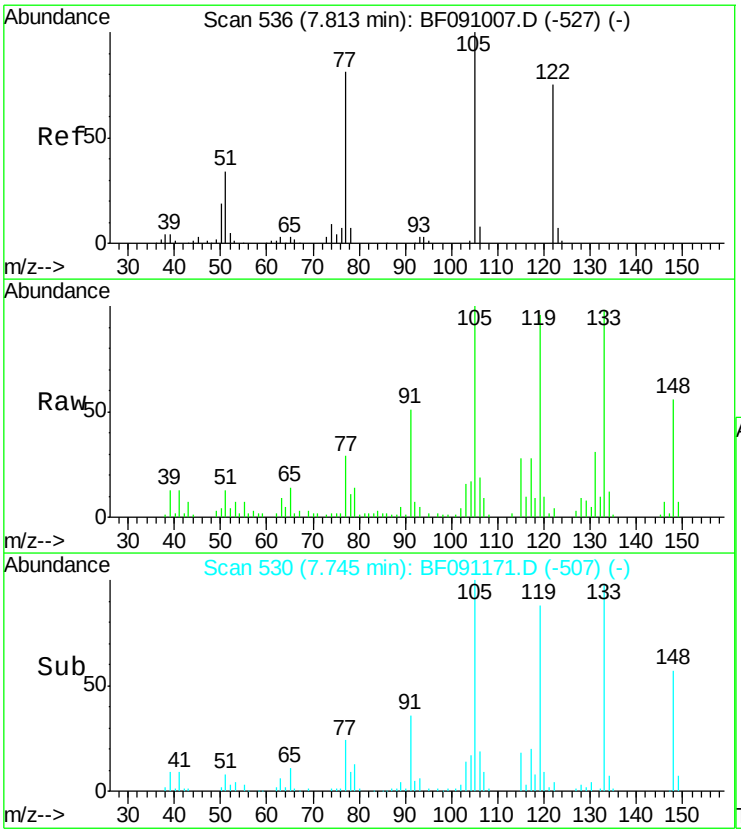
#31
Naphthalene
Concen: 42.52 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion:128 Resp: 1283148

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.0	13.6
127	13.6	10.9	16.3

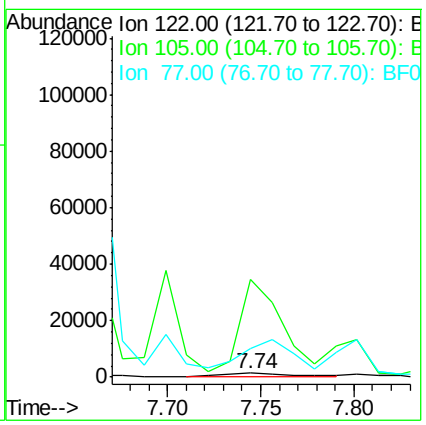


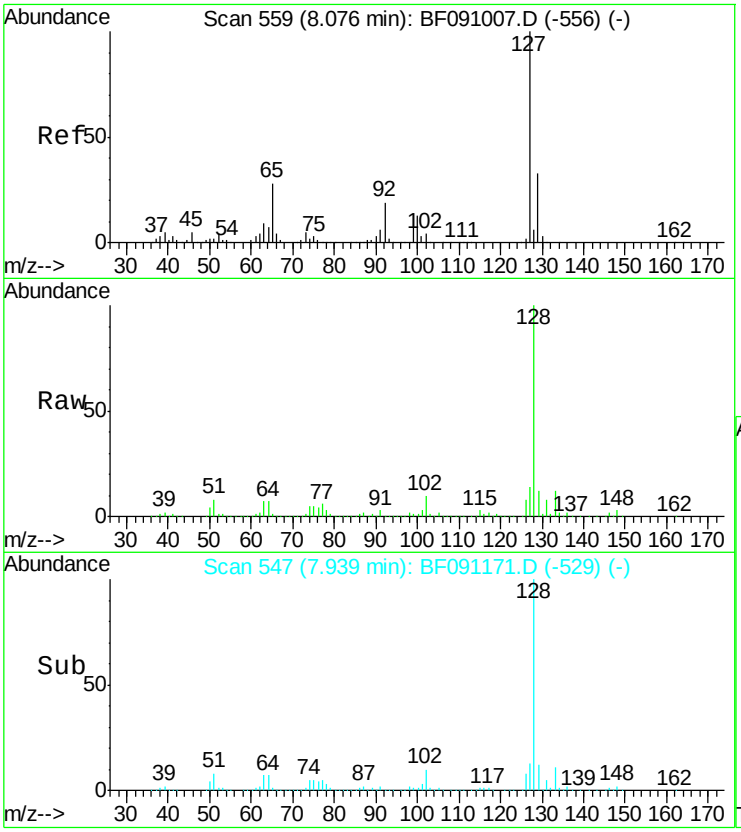


#32
Benzoic acid
Concen: 5.61 ng
RT: 7.74 min Scan# 530
Delta R.T. -0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion:122 Resp: 4179

Ion	Ratio	Lower	Upper
122	100		
105	2435.6	105.9	145.9#
77	702.3	84.0	124.0#



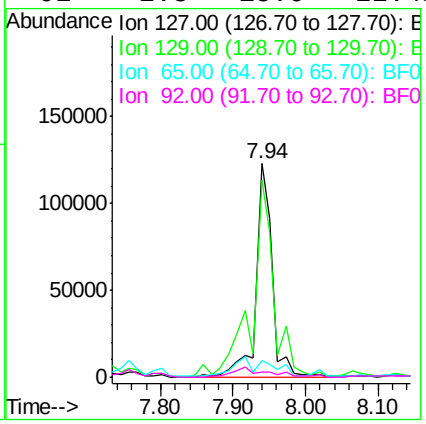


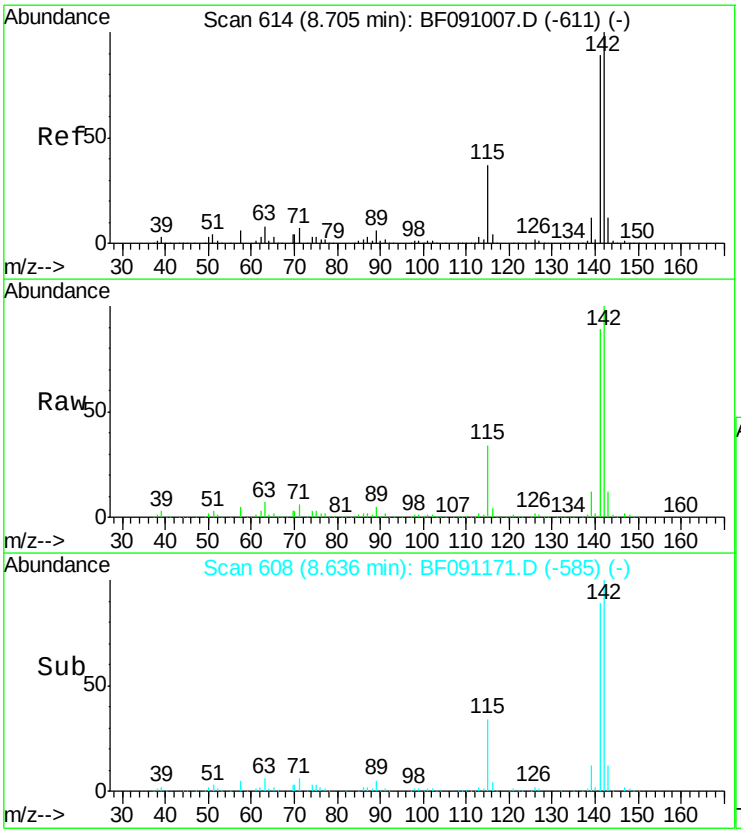
#33
4-Chloroaniline
Concen: 15.52 ng
RT: 7.94 min Scan# 547
Delta R.T. -0.09 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion:127 Resp: 194744

Ion	Ratio	Lower	Upper
127	100		
129	92.0	26.6	39.8#
65	7.8	22.2	33.2#
92	2.3	15.0	22.4#

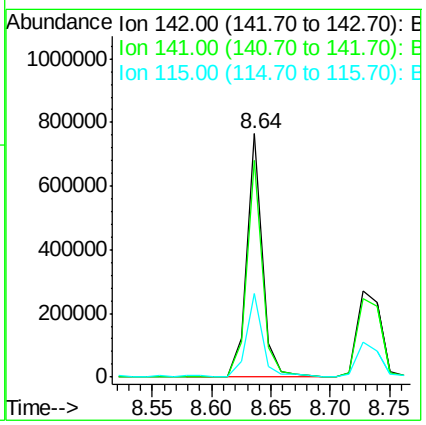


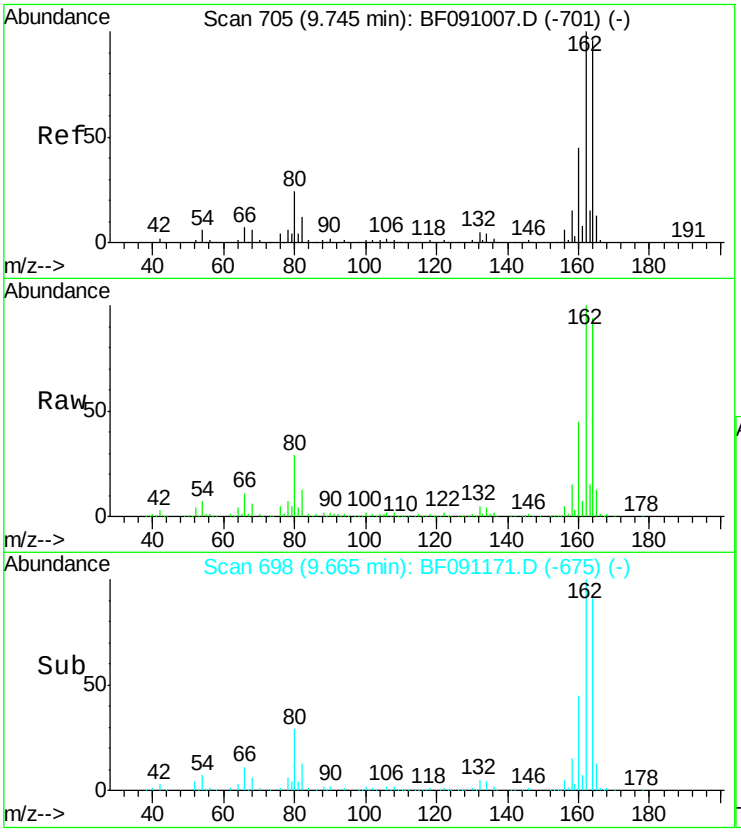


#37
2-Methylnaphthalene
Concen: 36.50 ng
RT: 8.64 min Scan# 608
Delta R.T. -0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion:142 Resp: 708225

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.3	106.9
115	34.4	29.9	44.9



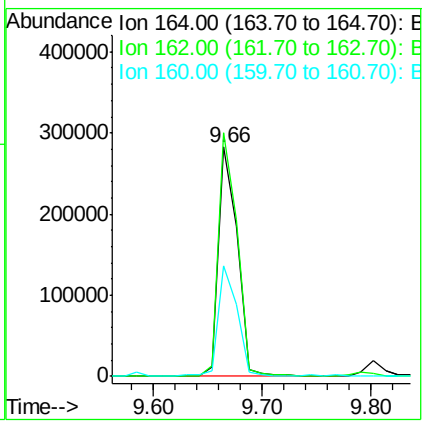


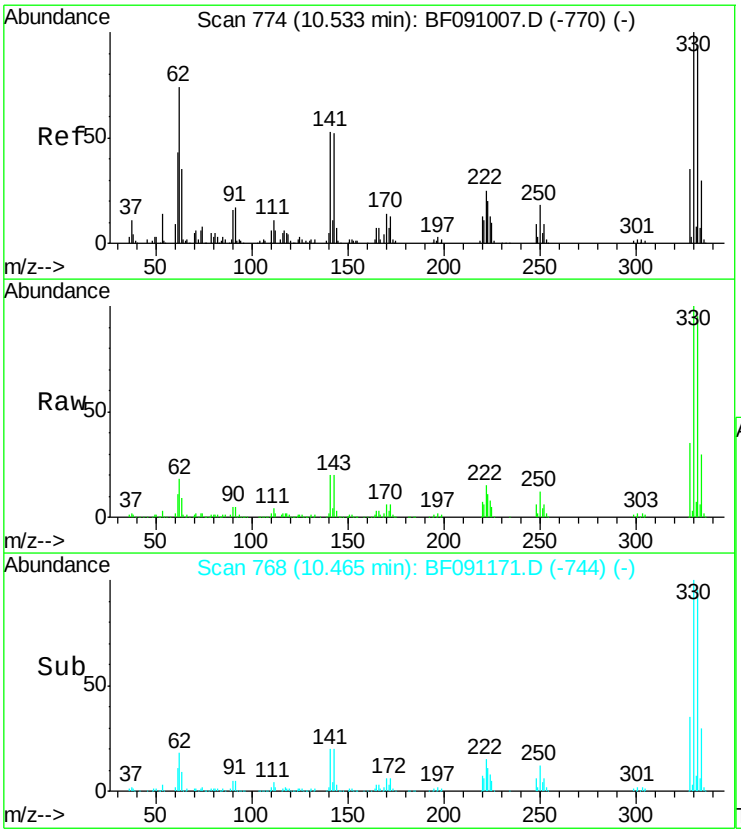
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 698
Delta R.T. -0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion:164 Resp: 342606

Ion	Ratio	Lower	Upper
164	100		
162	106.3	83.6	125.4
160	48.0	37.9	56.9

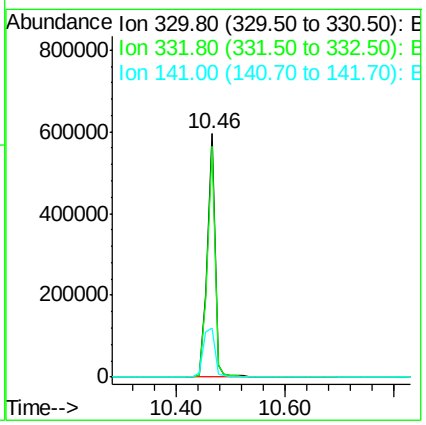


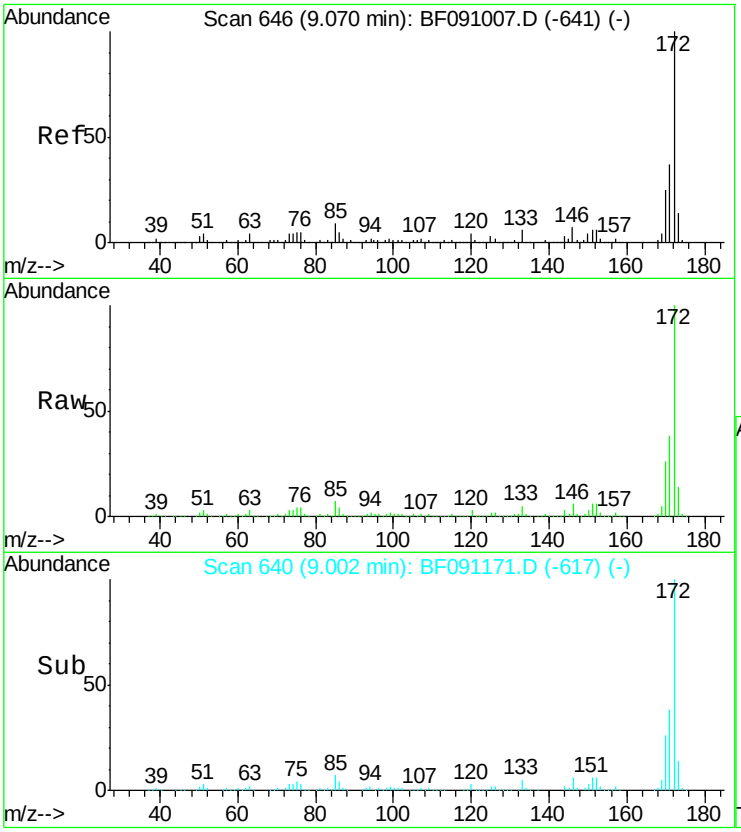


#41
2,4,6-Tribromophenol
Concen: 190.36 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.02 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion:330 Resp: 589603

Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.9	113.9
141	29.9	36.1	54.1#



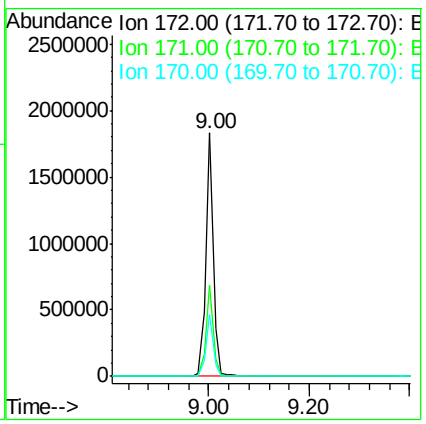


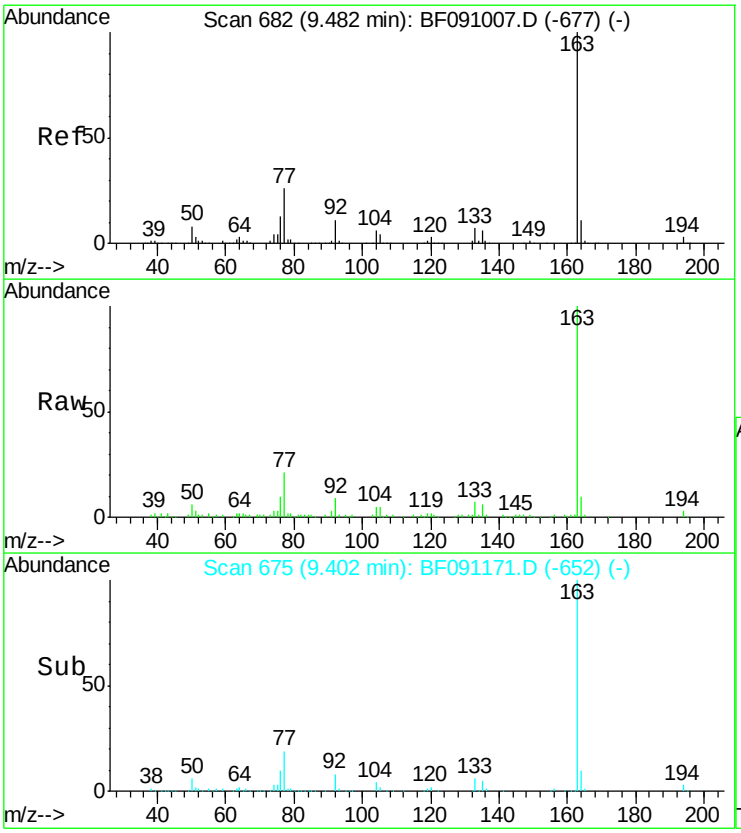
#44
2-Fluorobiphenyl
Concen: 95.86 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion:172 Resp: 1907680

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.8	44.6
170	25.6	20.3	30.5

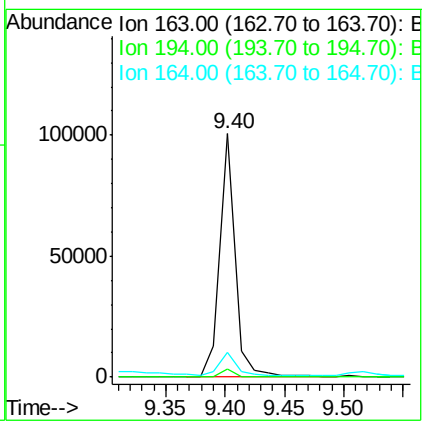


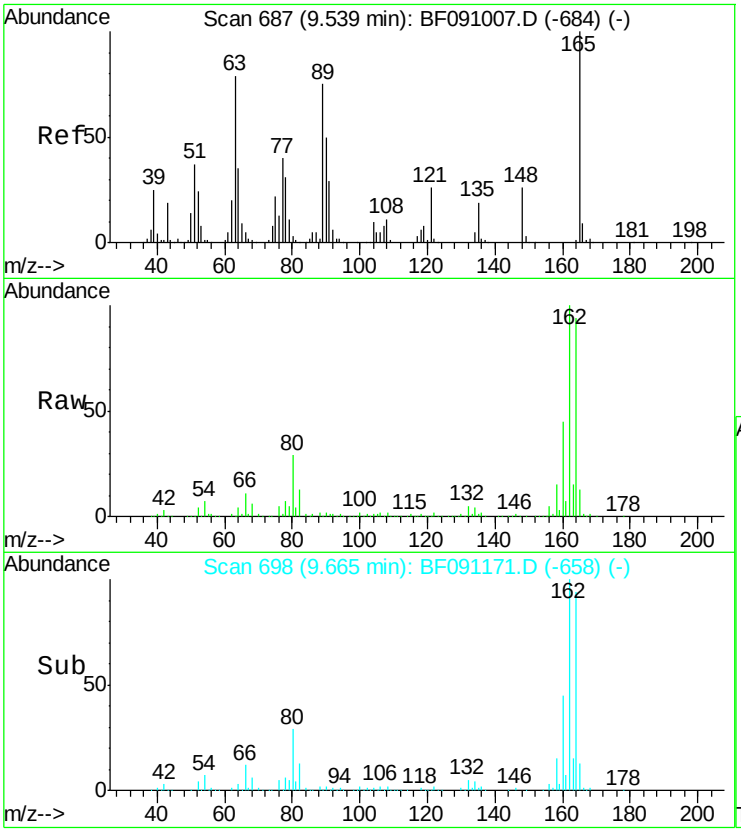


#49
Dimethylphthalate
Concen: 4.02 ng
RT: 9.40 min Scan# 675
Delta R.T. -0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion:163 Resp: 90290

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.1	8.7	13.1



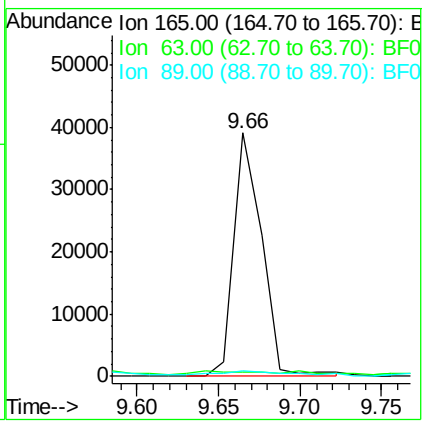


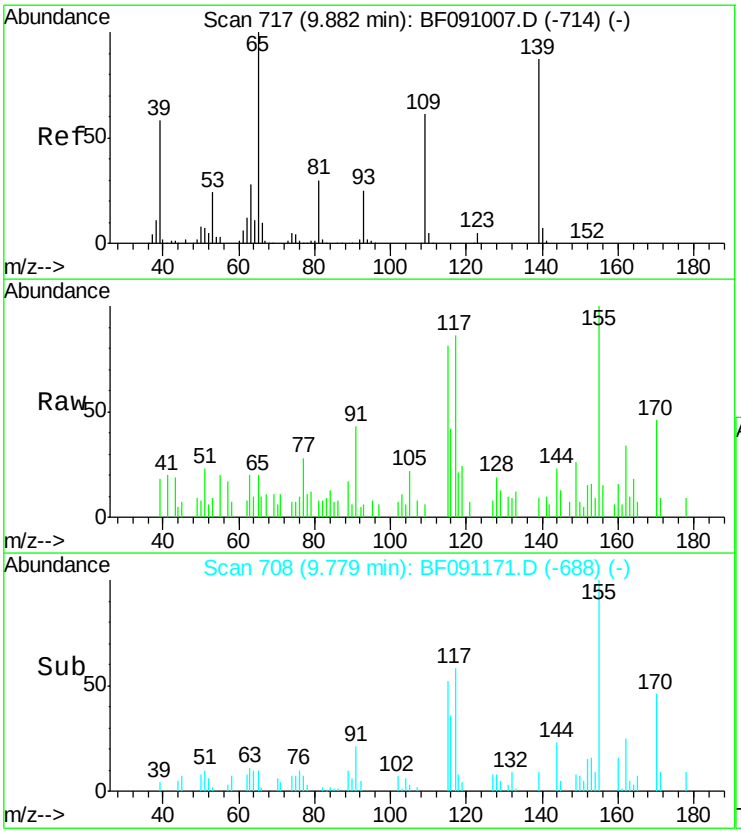
#50
2,6-Dinitrotoluene
Concen: 9.55 ng
RT: 9.66 min Scan# 698
Delta R.T. 0.16 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion:165 Resp: 45997

Ion	Ratio	Lower	Upper
165	100		
63	2.0	65.6	98.4#
89	2.3	59.8	89.6#

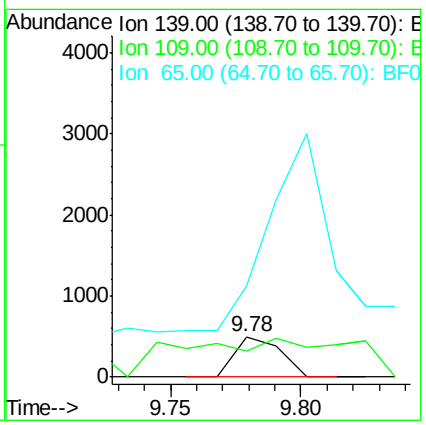


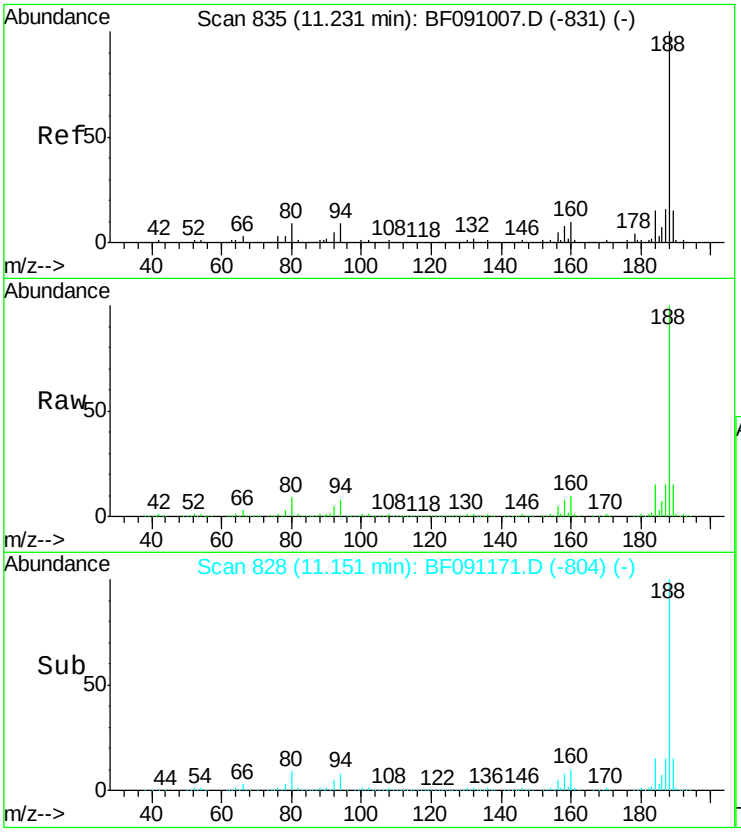


#55
4-Nitrophenol
Concen: 5.88 ng
RT: 9.78 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion:139 Resp: 602

Ion	Ratio	Lower	Upper
139	100		
109	63.8	50.5	90.5
65	227.6	97.1	137.1#



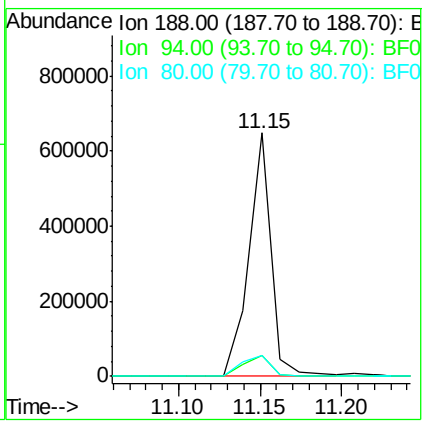


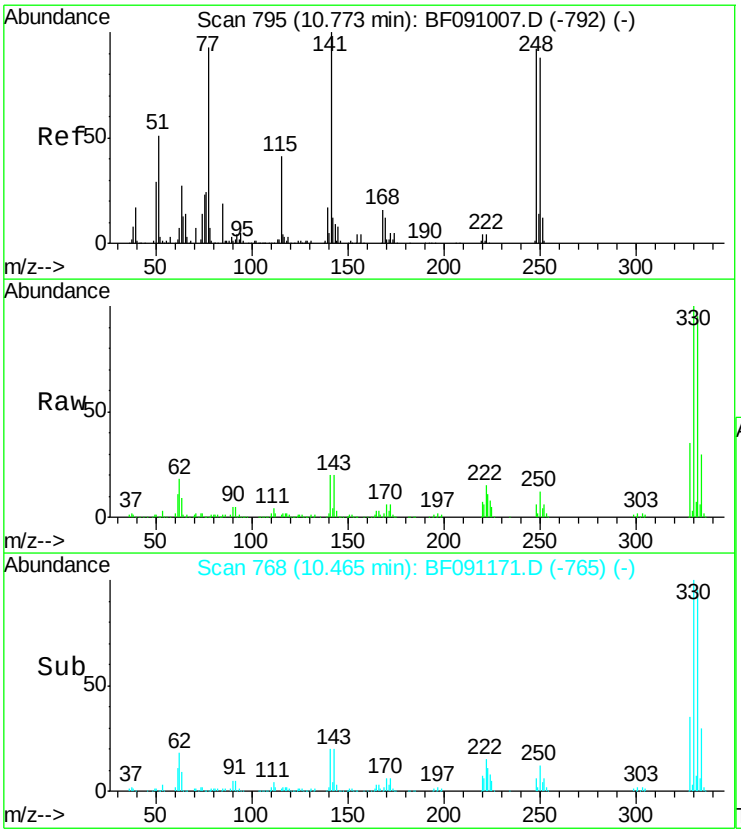
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion:188 Resp: 611201

Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	8.7	7.5	11.3

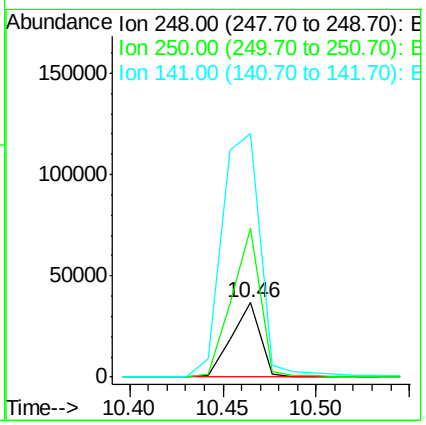


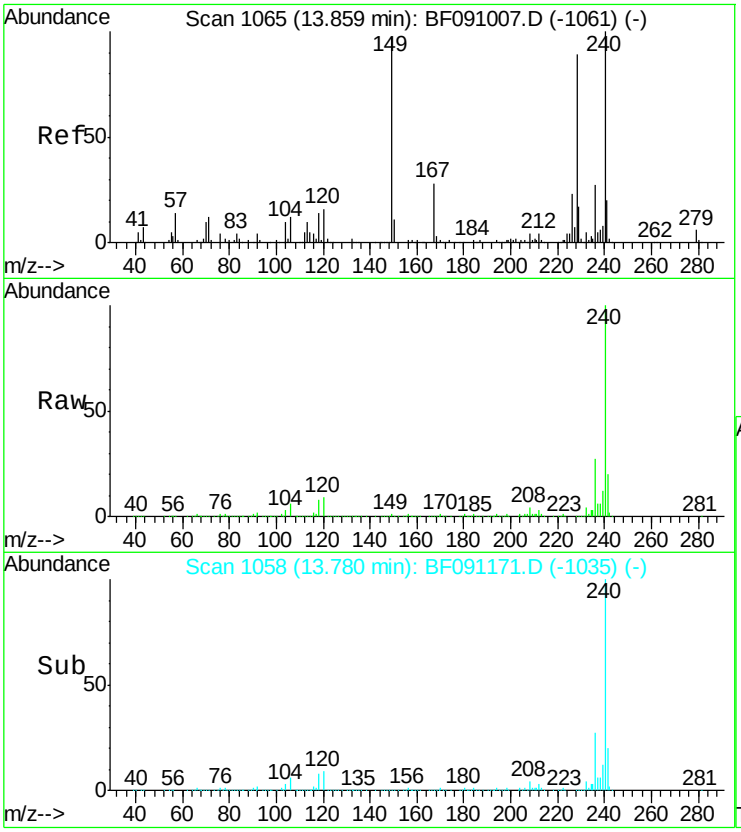


#66
4-Bromophenyl-phenylether
Concen: 6.26 ng
RT: 10.46 min Scan# 768
Delta R.T. -0.26 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion:248 Resp: 39795

Ion	Ratio	Lower	Upper
248	100		
250	201.9	76.3	114.5#
141	328.8	86.8	130.2#



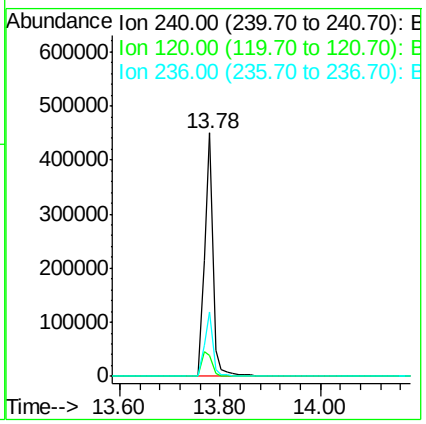


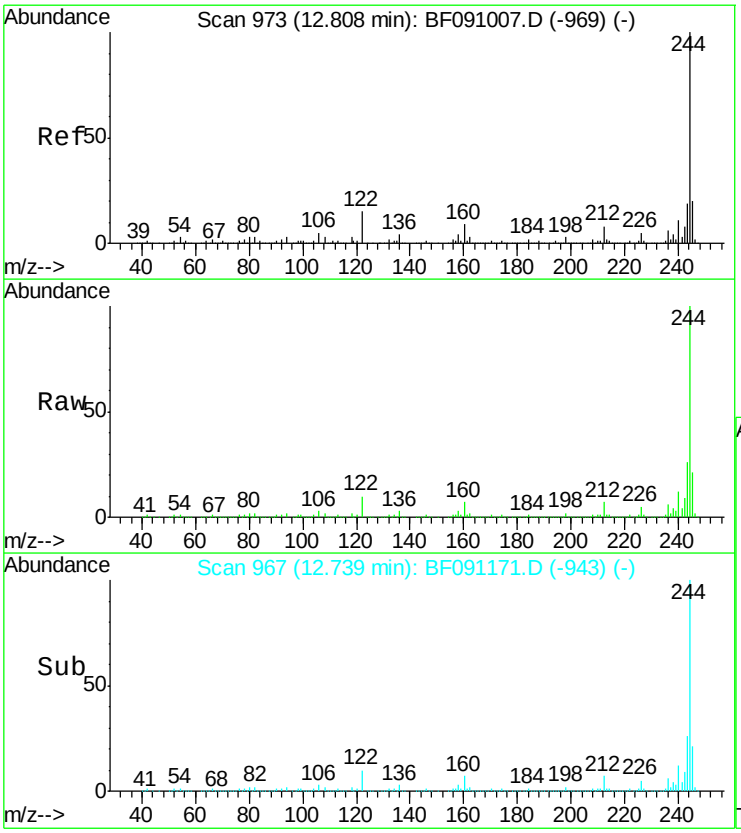
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1058
Delta R.T. -0.03 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion:240 Resp: 522725

Ion	Ratio	Lower	Upper
240	100		
120	8.6	12.9	19.3#
236	26.5	21.9	32.9

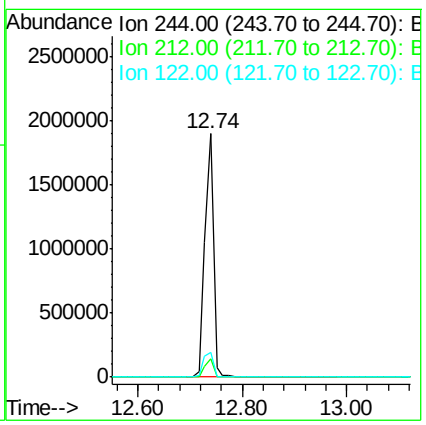


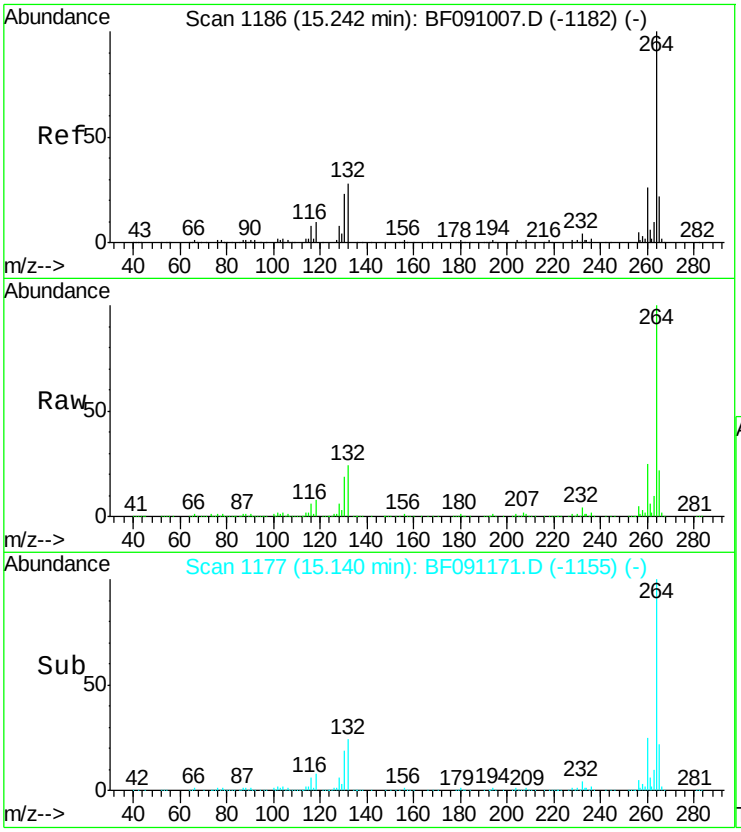


#78
Terphenyl-d14
Concen: 102.58 ng
RT: 12.74 min Scan# 967
Delta R.T. -0.02 min
Lab File: BF091171.D
Acq: 15 Nov 2016 11:13

Tgt Ion:244 Resp: 2148838

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.4	9.6
122	10.3	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: BF091171.D
Acq: 15 Nov 2016 11:13

Instrument :
BNA_F
ClientSampleId :
MW-2-111016

Tgt Ion:264 Resp: 400661

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	21.9	17.8	26.8