Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091113.D
Acq On : 9 Nov 2016 6:28
Operator : UM/SJ
Sample : H5578-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ERM33

Quant Time: Nov 09 07:56:52 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

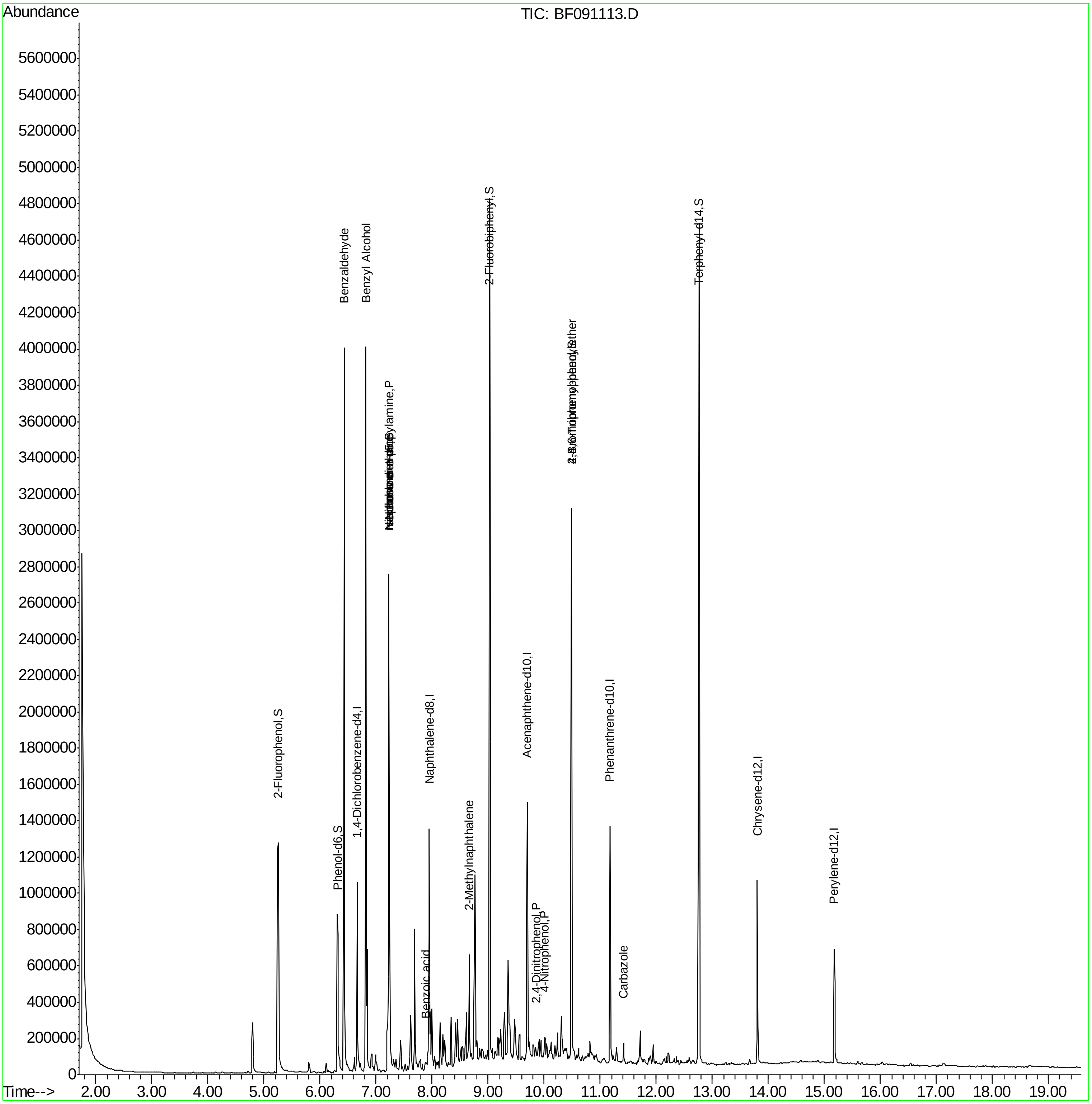
Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	169130	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	667037	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	326531	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	437623	20.00	ng		0.00
75) Chrysene-d12	13.80	240	324819	20.00	ng		-0.01
86) Perylene-d12	15.17	264	301585	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	625936	61.12	ng		0.01
7) Phenol-d6	6.32	99	515469	37.08	ng		0.00
23) Nitrobenzene-d5	7.23	82	1009104	82.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	389347	131.89	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1726366	91.02	ng		-0.01
78) Terphenyl-d14	12.76	244	1368973	105.17	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	27103	3.51	ng		87
15) Benzyl Alcohol	6.82	79	21762	2.22	ng	#	50
18) Hexachloroethane	7.23	117	169683	33.08	ng	#	2
19) n-Nitroso-di-n-propylamine	7.23	70	138222	14.35	ng	#	80
25) Isophorone	7.23	82	858992	36.46	ng	#	67
32) Benzoic acid	7.89	122	341	5.12	ng	#	1
37) 2-Methylnaphthalene	8.66	142	171556	8.37	ng		98
53) 2,4-Dinitrophenol	9.85	184	1211	6.71	ng	#	49
55) 4-Nitrophenol	10.01	139	2476	6.37	ng		89
66) 4-Bromophenyl-phenylether	10.49	248	27453	6.03	ng	#	1
72) Carbazole	11.41	167	53176	2.39	ng		99

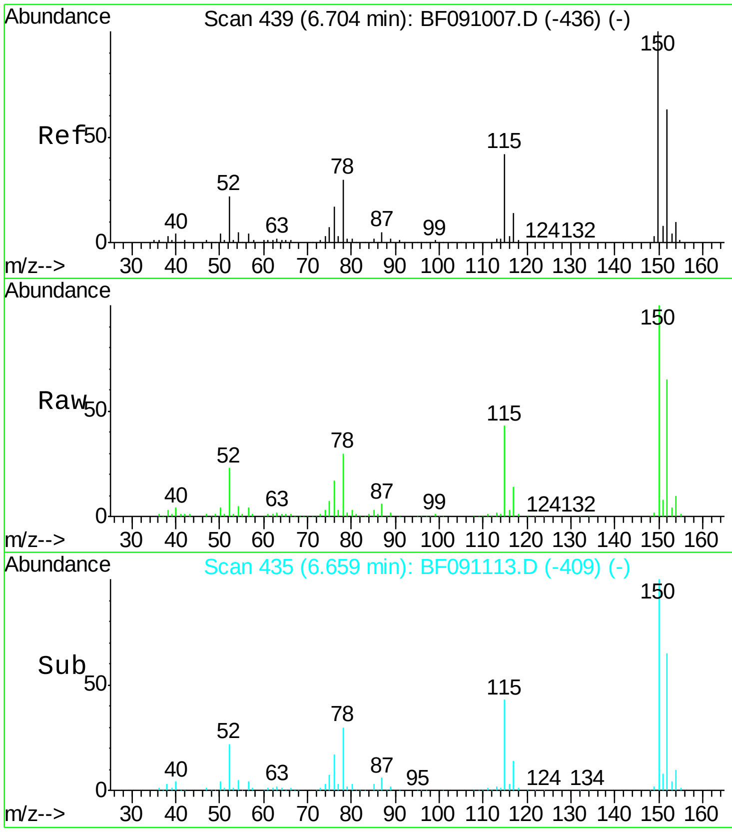
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091113.D
Acq On : 9 Nov 2016 6:28
Operator : UM/SJ
Sample : H5578-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ERM33

Quant Time: Nov 09 07:56:52 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



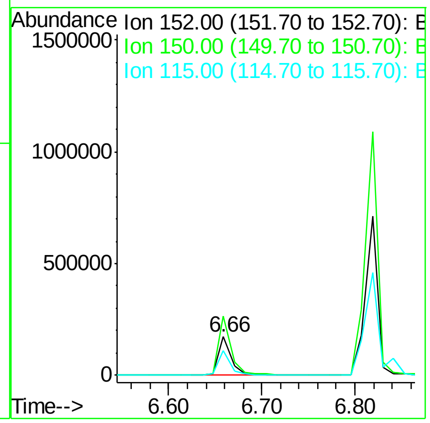


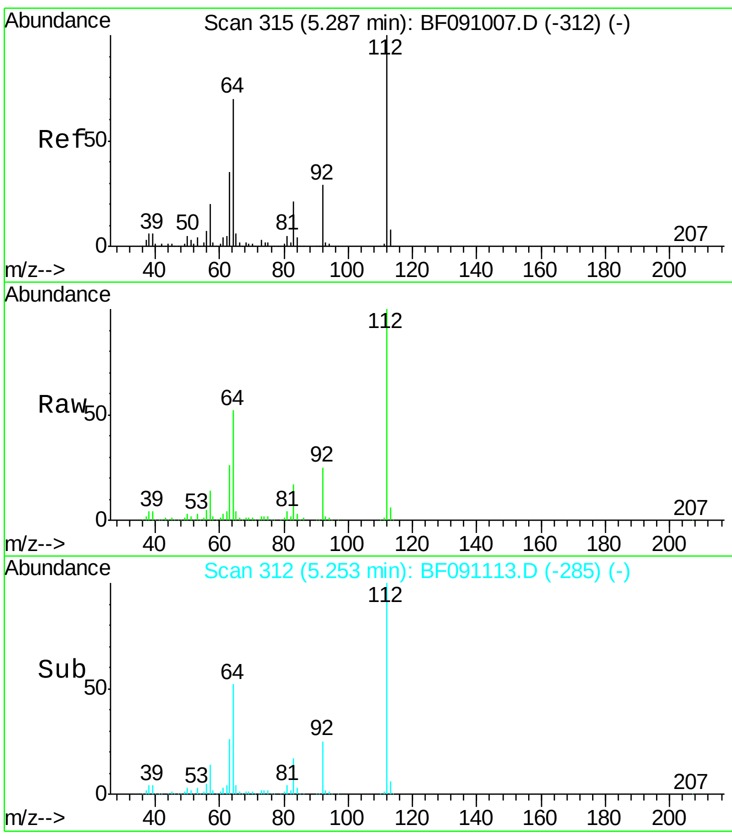
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:152 Resp: 169130

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.8	190.2
115	65.6	53.3	79.9

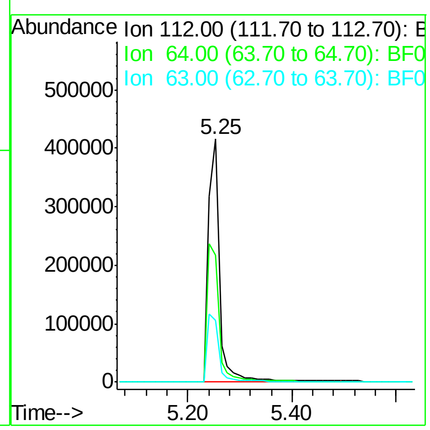


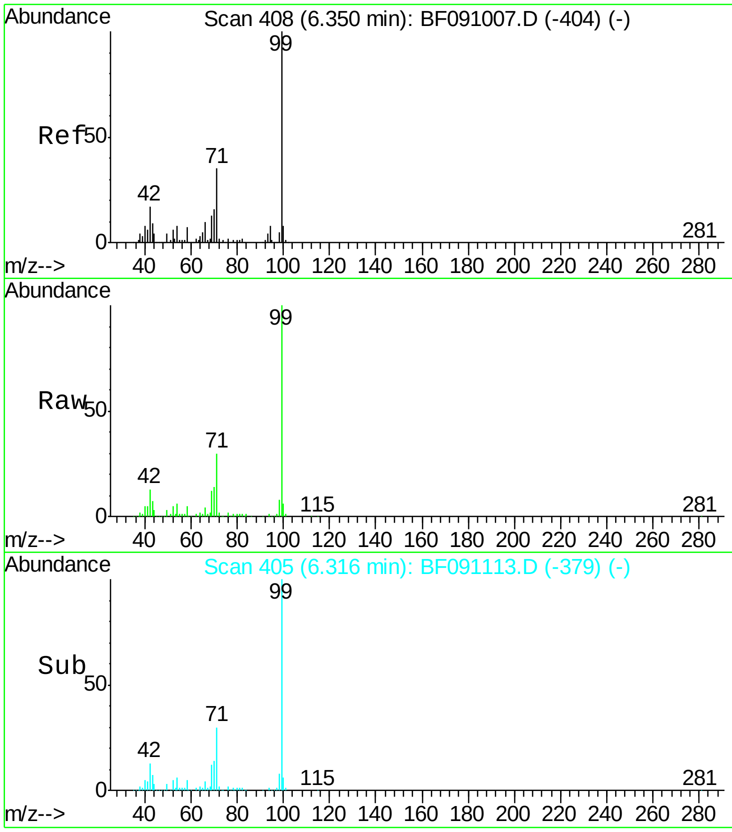


#5
2-Fluorophenol
Concen: 61.12 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Tgt Ion:112 Resp: 625936

Ion	Ratio	Lower	Upper
112	100		
64	52.0	55.8	83.6#
63	25.6	28.0	42.0#



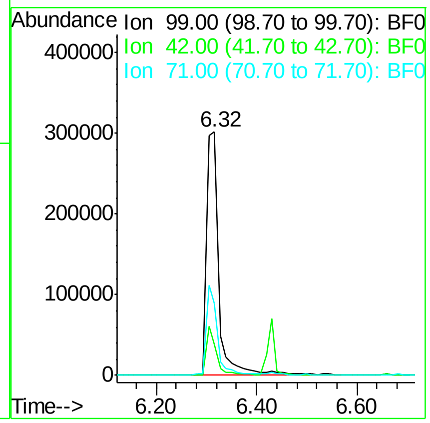


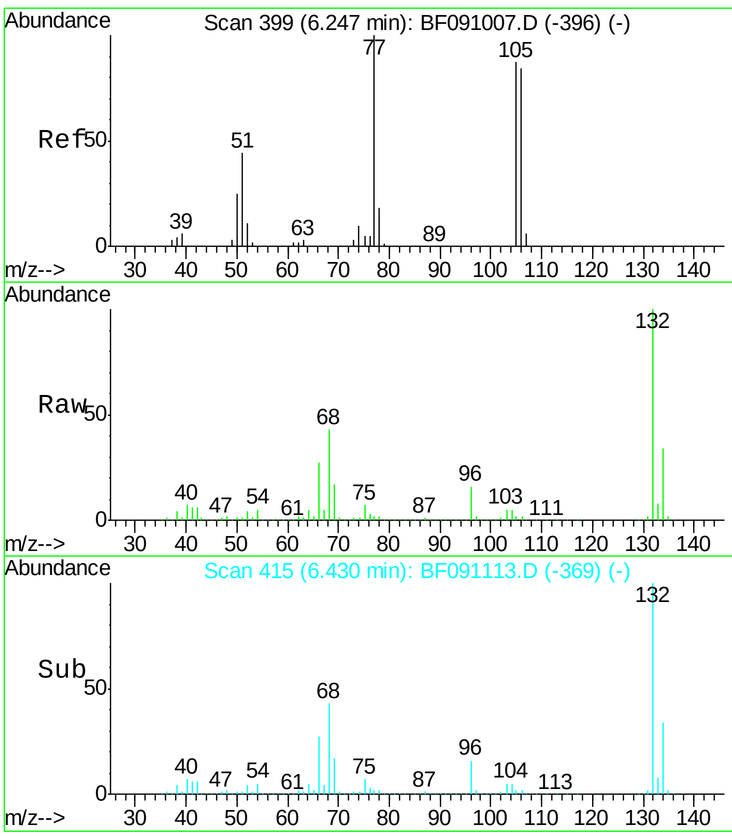
#7
Phenol-d6
Concen: 37.08 ng
RT: 6.32 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion: 99 Resp: 515469

Ion	Ratio	Lower	Upper
99	100		
42	13.0	13.9	20.9#
71	29.8	27.8	41.8

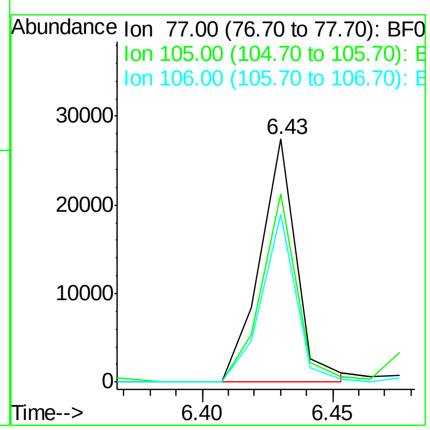


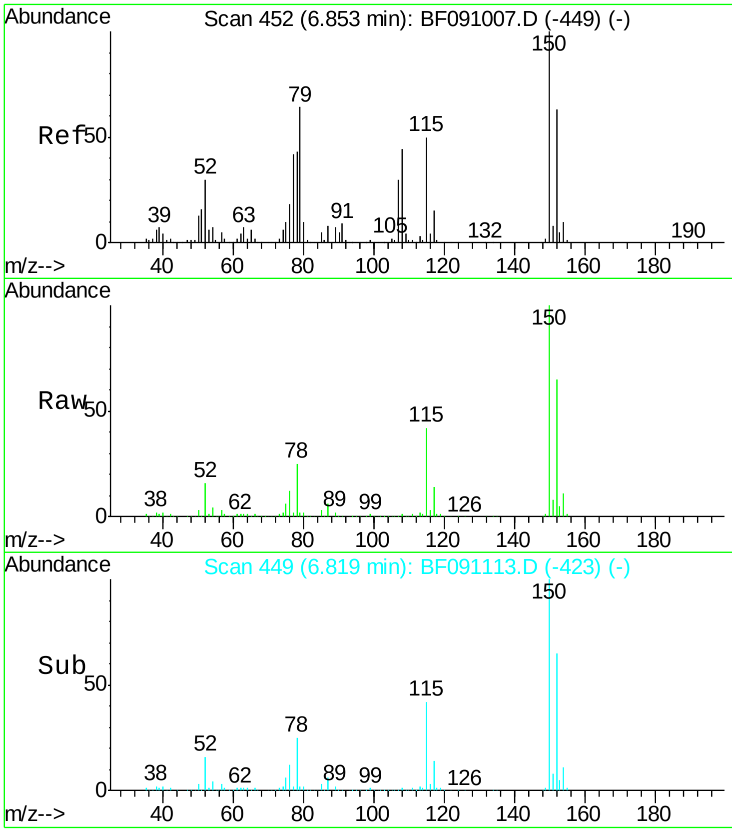


#9
Benzaldehyde
Concen: 3.51 ng
RT: 6.43 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Tgt Ion: 77 Resp: 27103

Ion	Ratio	Lower	Upper
77	100		
105	77.3	66.8	106.8
106	68.9	64.0	104.0



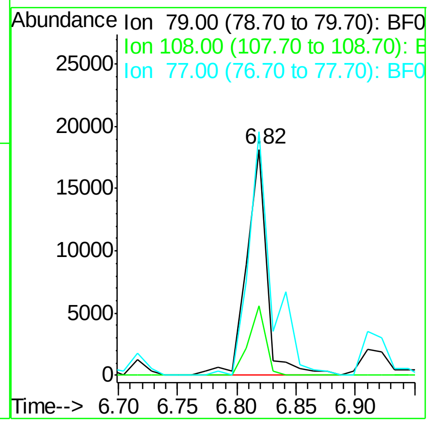


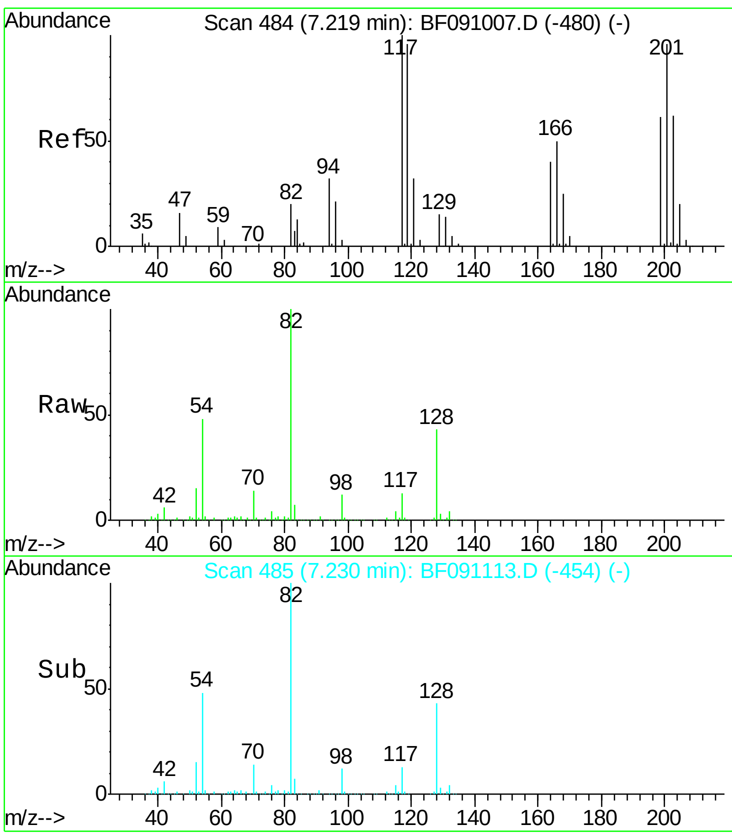
#15
Benzyl Alcohol
Concen: 2.22 ng
RT: 6.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion: 79 Resp: 21762

Ion	Ratio	Lower	Upper
79	100		
108	30.8	55.7	83.5#
77	107.6	52.6	79.0#

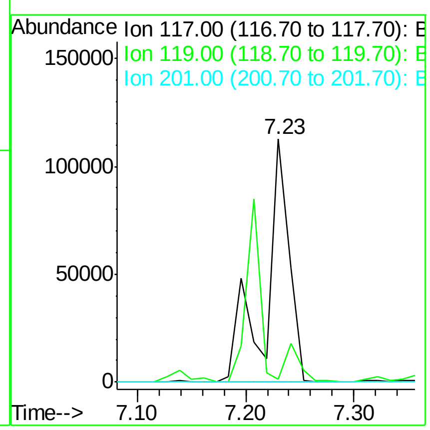


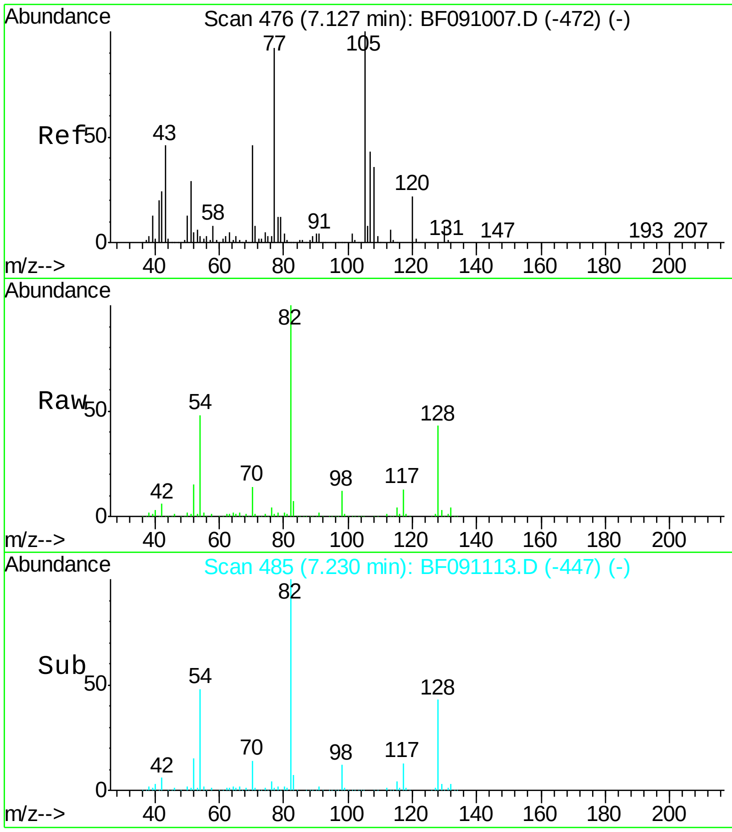


#18
Hexachloroethane
Concen: 33.08 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.06 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Tgt Ion:117 Resp: 169683

Ion	Ratio	Lower	Upper
117	100		
119	1.1	76.6	115.0#
201	0.0	77.1	115.7#



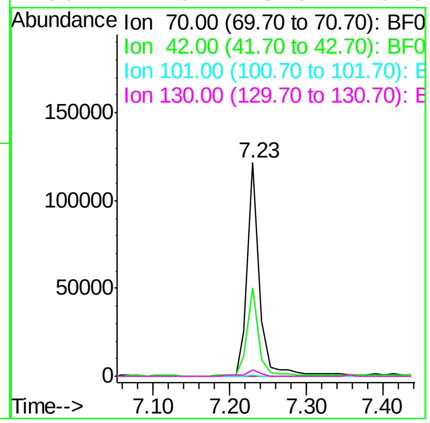


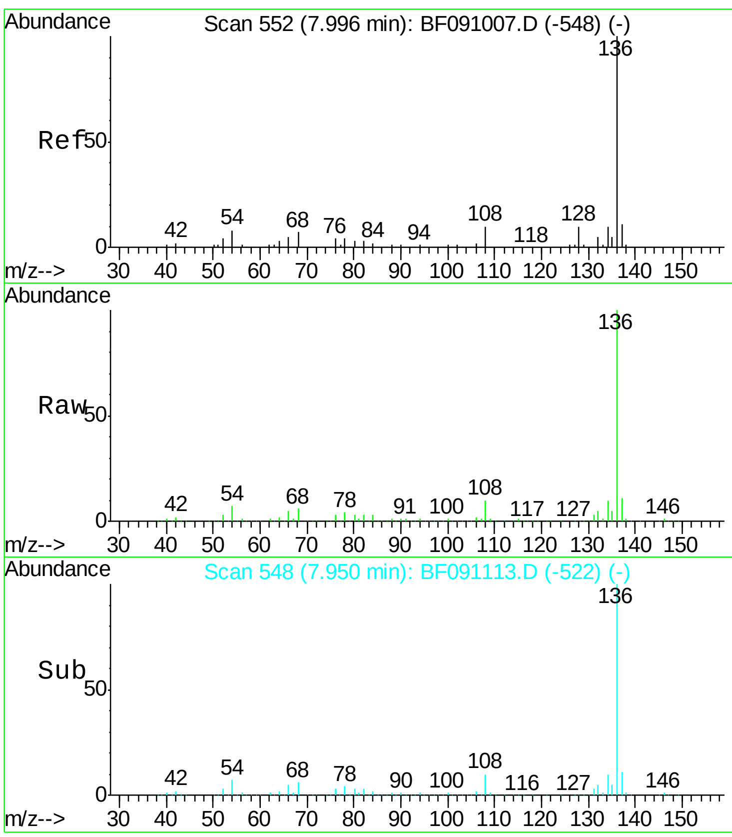
#19
n-Nitroso-di-n-propylamine
Concen: 14.35 ng
RT: 7.23 min Scan# 485
Delta R.T.   0.14 min
Lab File: BF091113.D
Acq: 9 Nov 2016   6:28

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion: 70 Resp: 138222

Ion	Ratio	Lower	Upper
70	100		
42	41.2	41.7	62.5#
101	0.4	6.7	10.1#
130	2.9	13.8	20.8#

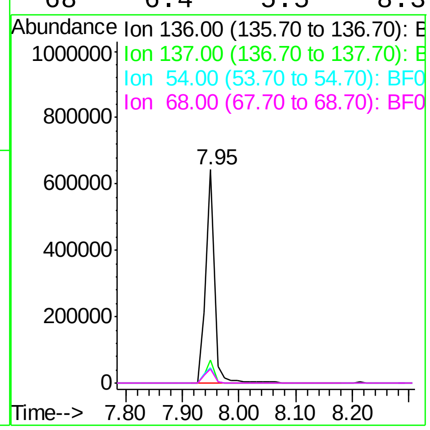


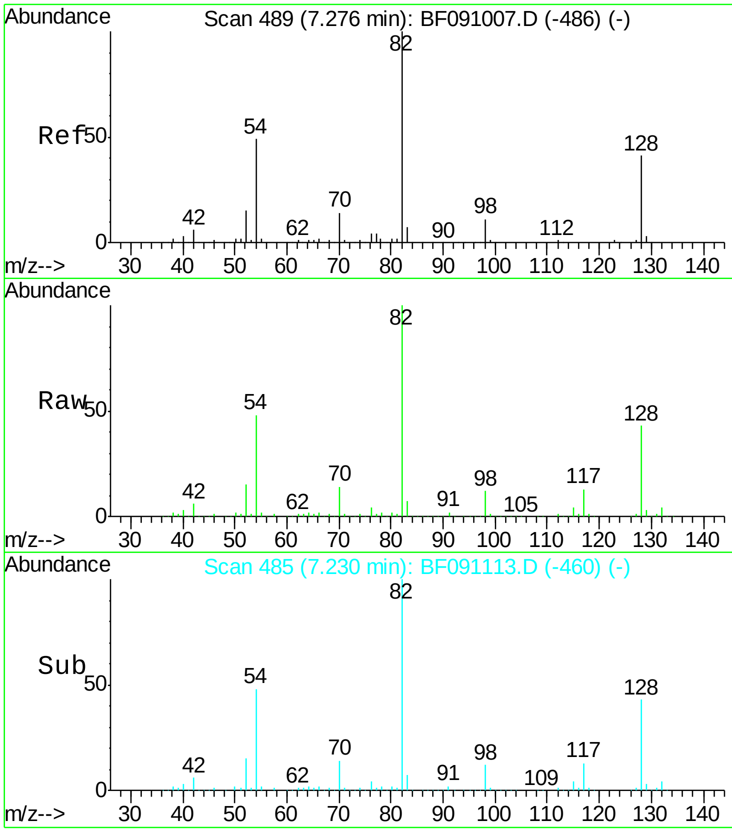


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T.   0.00 min
Lab File: BF091113.D
Acq: 9 Nov 2016   6:28

Tgt Ion:136 Resp: 667037

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.9	6.2	9.2
68	6.4	5.5	8.3



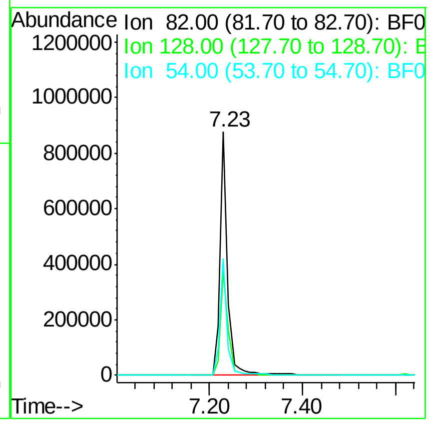


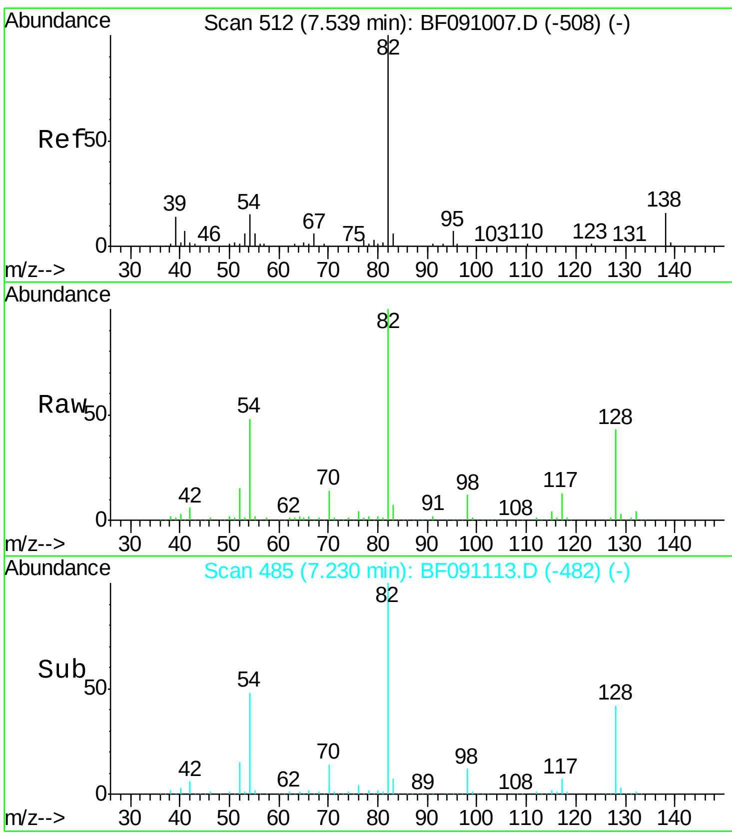
#23
Nitrobenzene-d5
Concen: 82.53 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Instrument : BNA_F
ClientSampleId : ERM33

Tgt Ion: 82 Resp: 1009104

Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.4	48.6
54	47.9	39.2	58.8

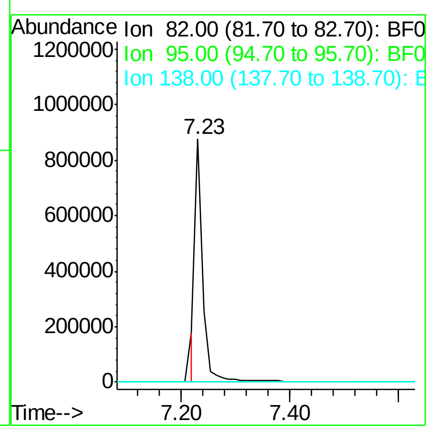


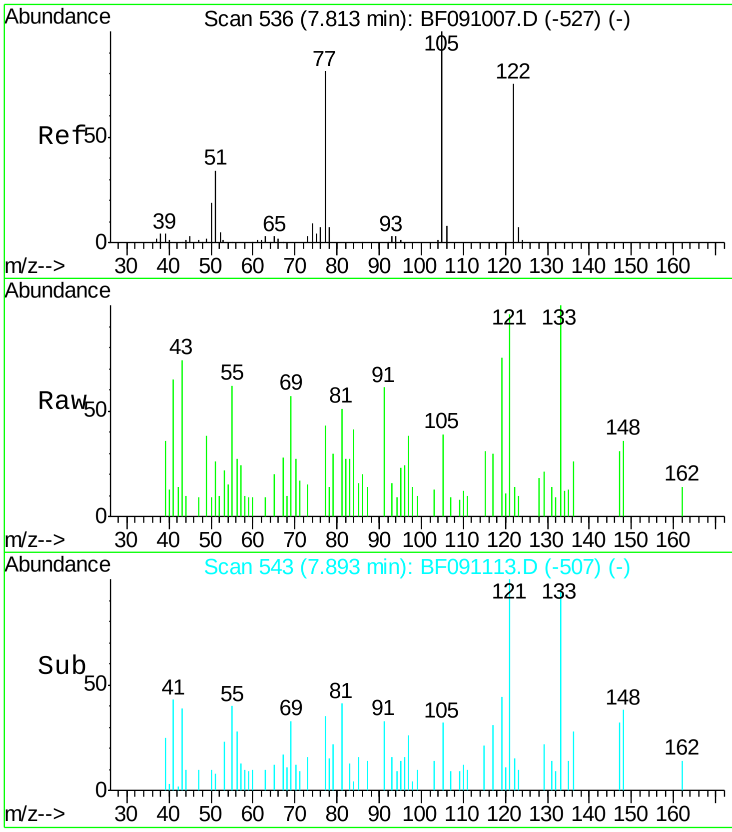


#25
Isophorone
Concen: 36.46 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.26 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Tgt Ion: 82 Resp: 858992

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



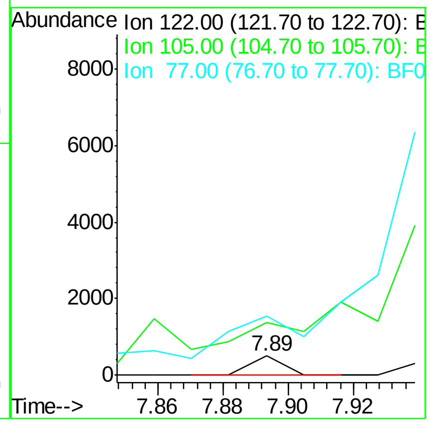


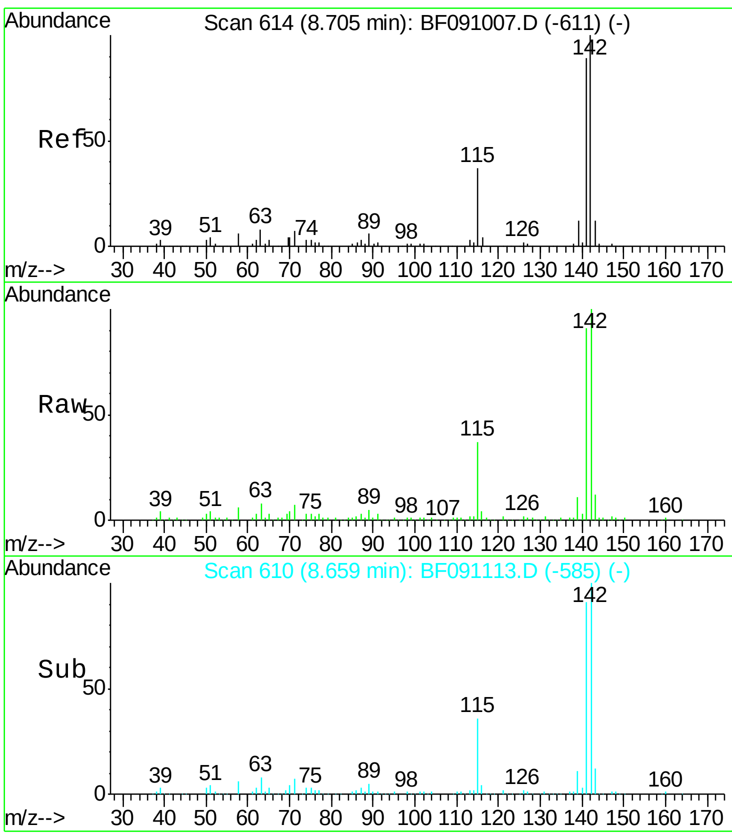
#32
Benzoic acid
Concen: 5.12 ng
RT: 7.89 min   Scan# 543
Delta R.T.   0.11 min
Lab File: BF091113.D
Acq: 9 Nov 2016   6:28

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:122 Resp: 341

Ion	Ratio	Lower	Upper
122	100		
105	280.3	105.9	145.9#
77	310.7	84.0	124.0#

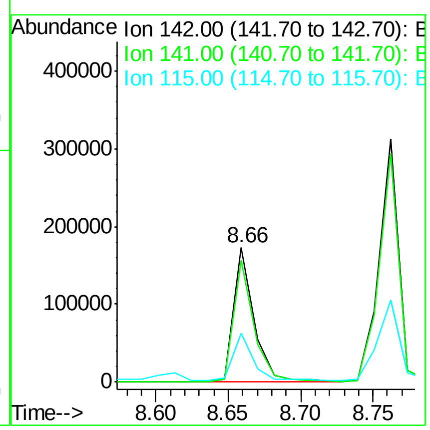


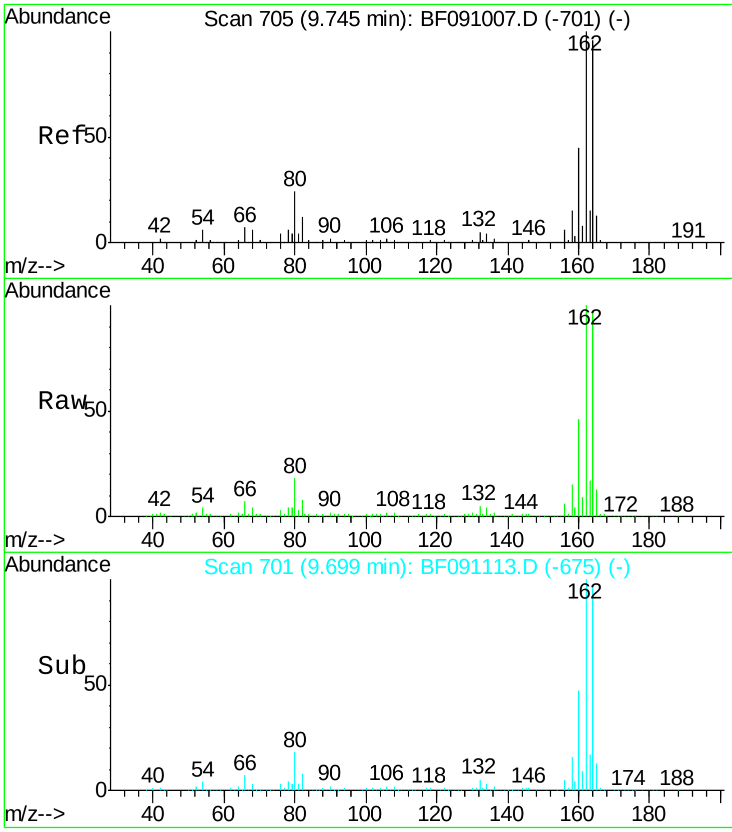


#37
2-Methylnaphthalene
Concen: 8.37 ng
RT: 8.66 min   Scan# 610
Delta R.T.   -0.01 min
Lab File: BF091113.D
Acq: 9 Nov 2016   6:28

Tgt Ion:142 Resp: 171556

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.3	106.9
115	36.7	29.9	44.9



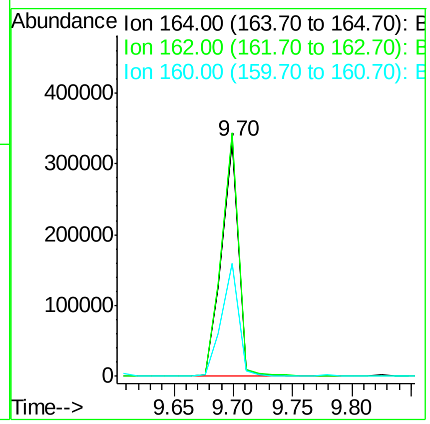


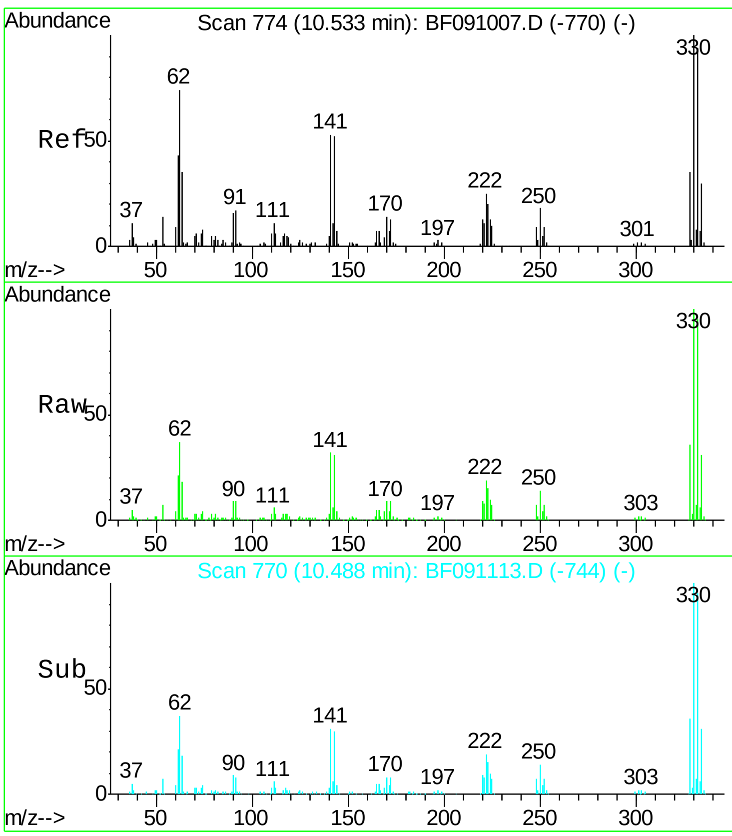
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:164 Resp: 326531

Ion	Ratio	Lower	Upper
164	100		
162	103.5	83.6	125.4
160	48.0	37.9	56.9

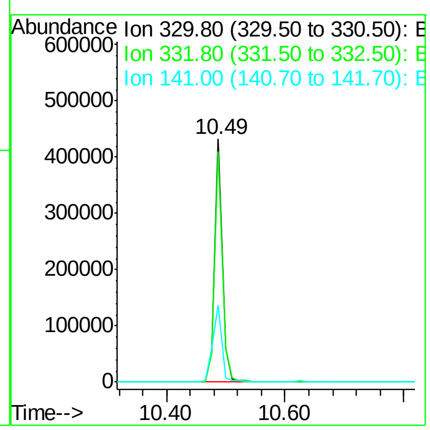


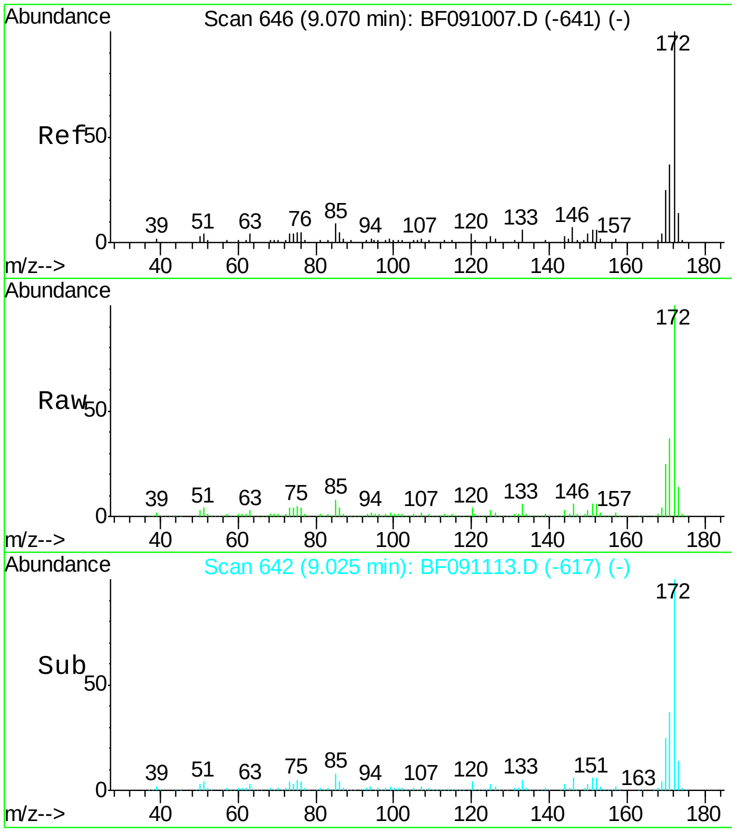


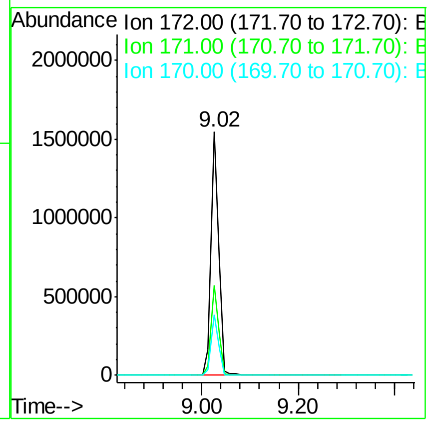
#41
2,4,6-Tribromophenol
Concen: 131.89 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Tgt Ion:330 Resp: 389347

Ion	Ratio	Lower	Upper
330	100		
332	95.0	75.9	113.9
141	37.1	36.1	54.1





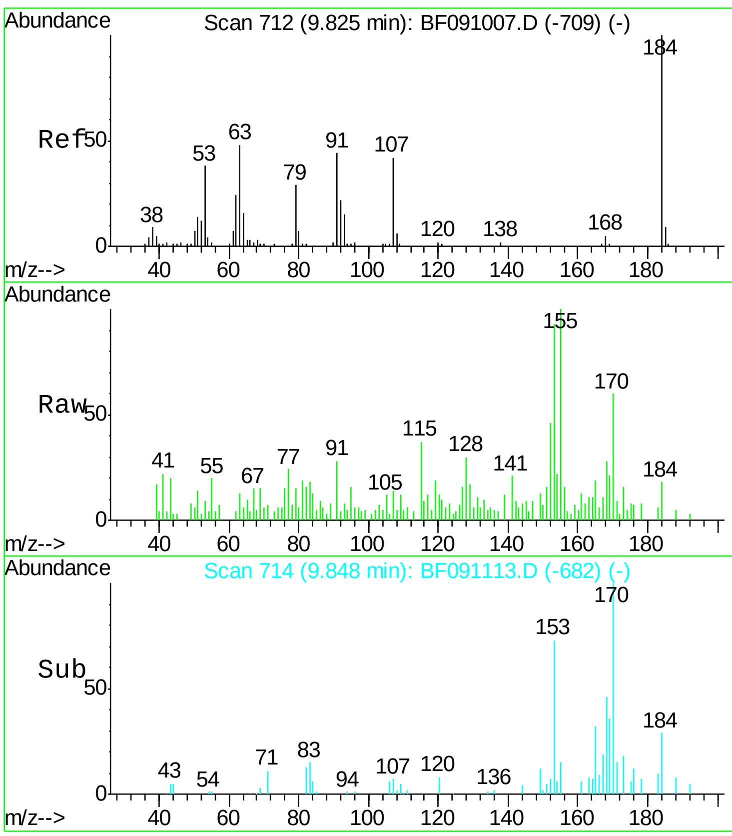


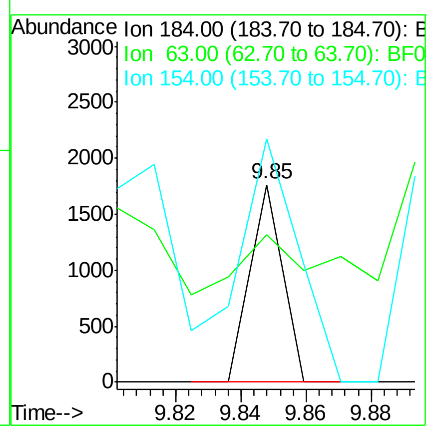
#44
2-Fluorobiphenyl
Concen: 91.02 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:172 Resp: 1726366

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.8	44.6
170	25.1	20.3	30.5

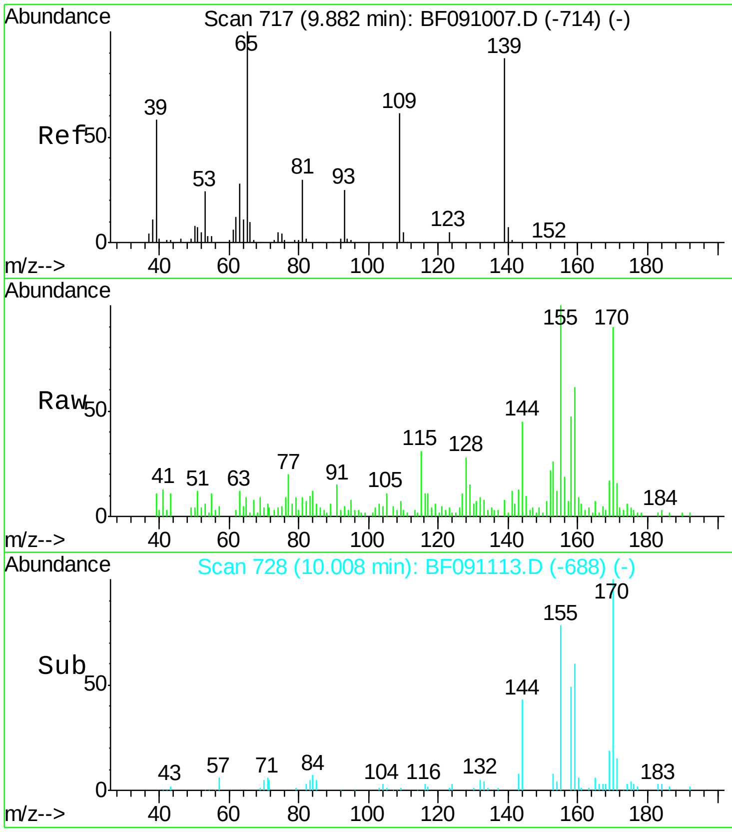




#53
2,4-Dinitrophenol
Concen: 6.71 ng
RT: 9.85 min Scan# 714
Delta R.T. 0.07 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Tgt Ion:184 Resp: 1211

Ion	Ratio	Lower	Upper
184	100		
63	74.4	45.5	68.3#
154	123.0	51.0	76.4#

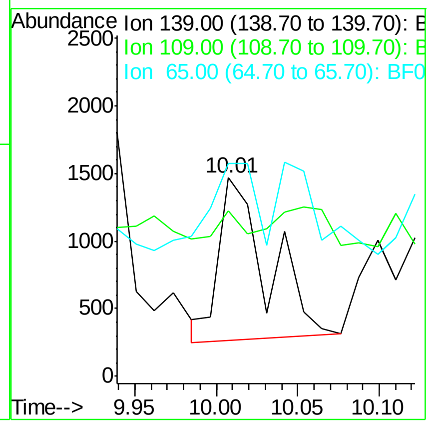


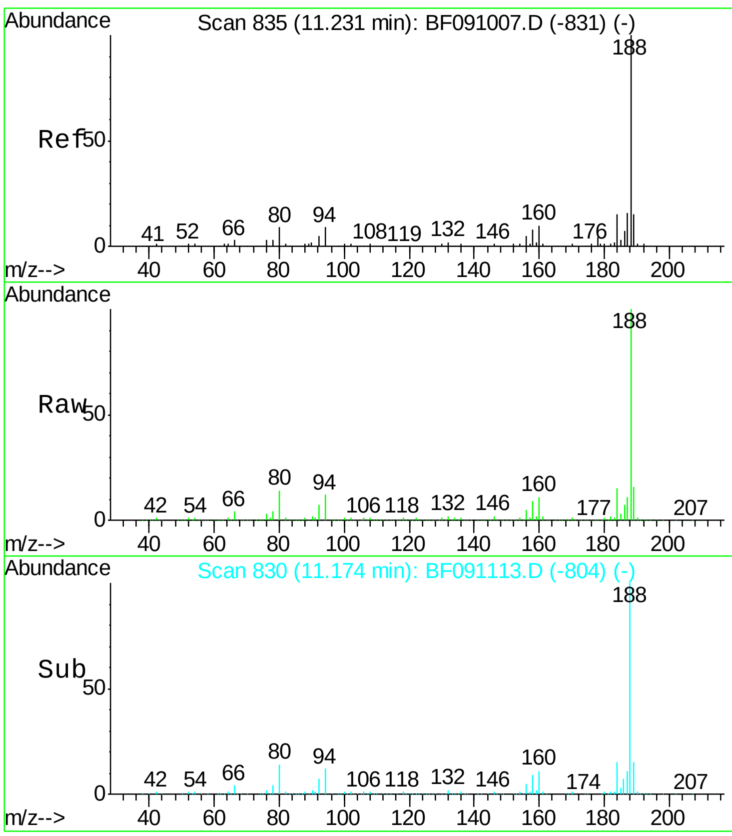
#55
4-Nitrophenol
Concen: 6.37 ng
RT: 10.01 min Scan# 728
Delta R.T. 0.16 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:139 Resp: 2476

Ion	Ratio	Lower	Upper
139	100		
109	83.2	50.5	90.5
65	107.3	97.1	137.1

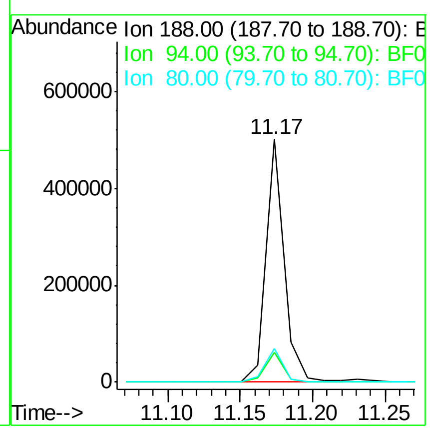


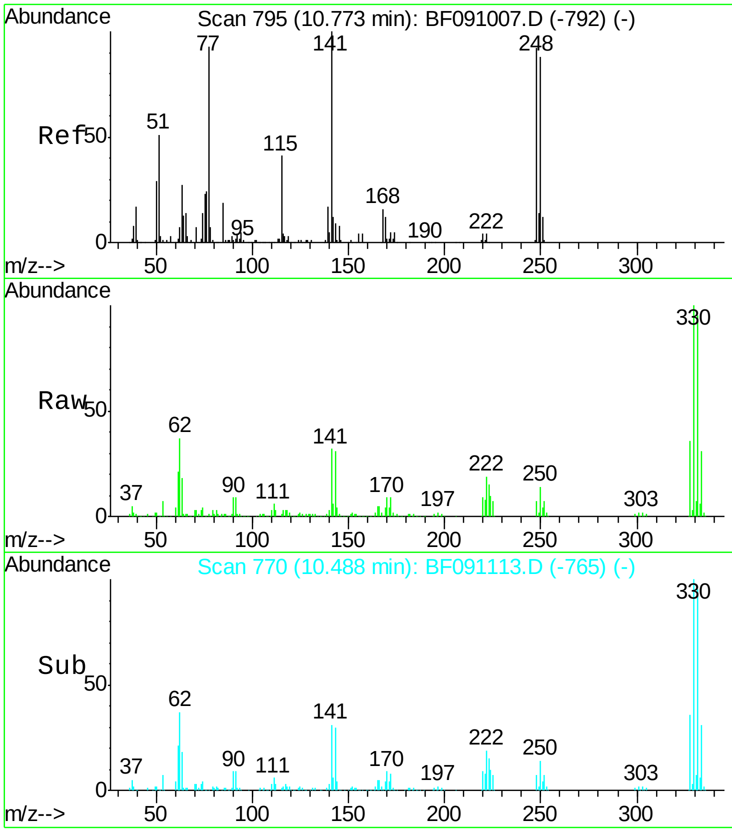


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Tgt Ion:188 Resp: 437623

Ion	Ratio	Lower	Upper
188	100		
94	12.2	7.0	10.4#
80	13.7	7.5	11.3#



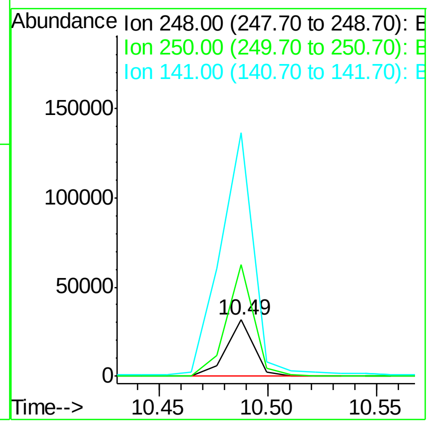


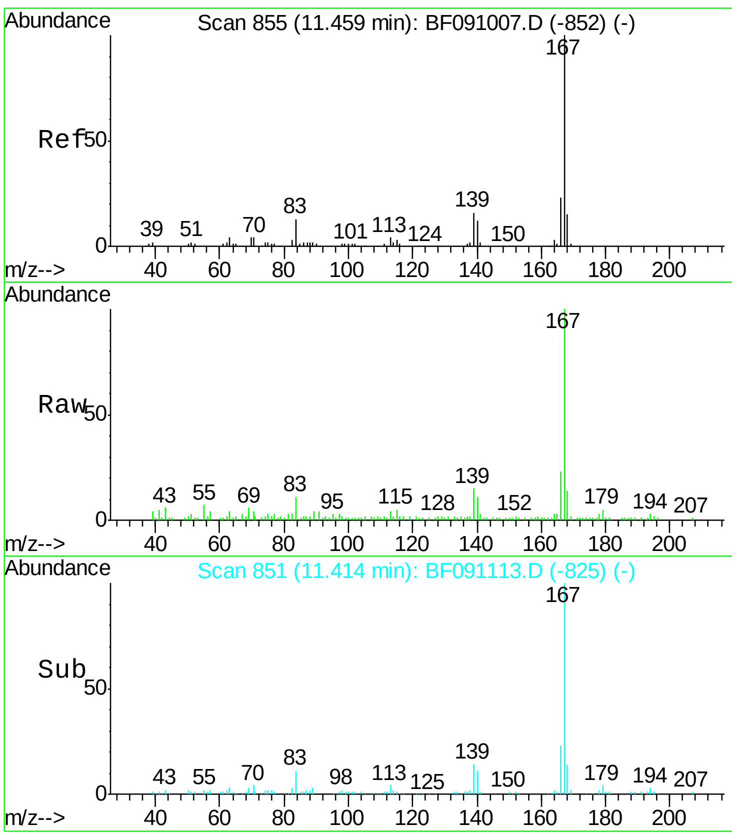
#66
4-Bromophenyl-phenylether
Concen: 6.03 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Tgt Ion:248 Resp: 27453

Ion	Ratio	Lower	Upper
248	100		
250	198.3	76.3	114.5#
141	432.2	86.8	130.2#

Instrument :
BNA_F
ClientSampleId :
ERM33

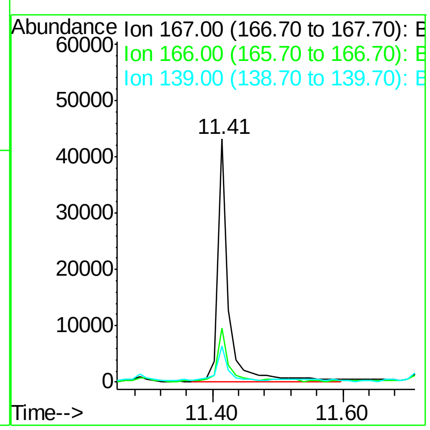


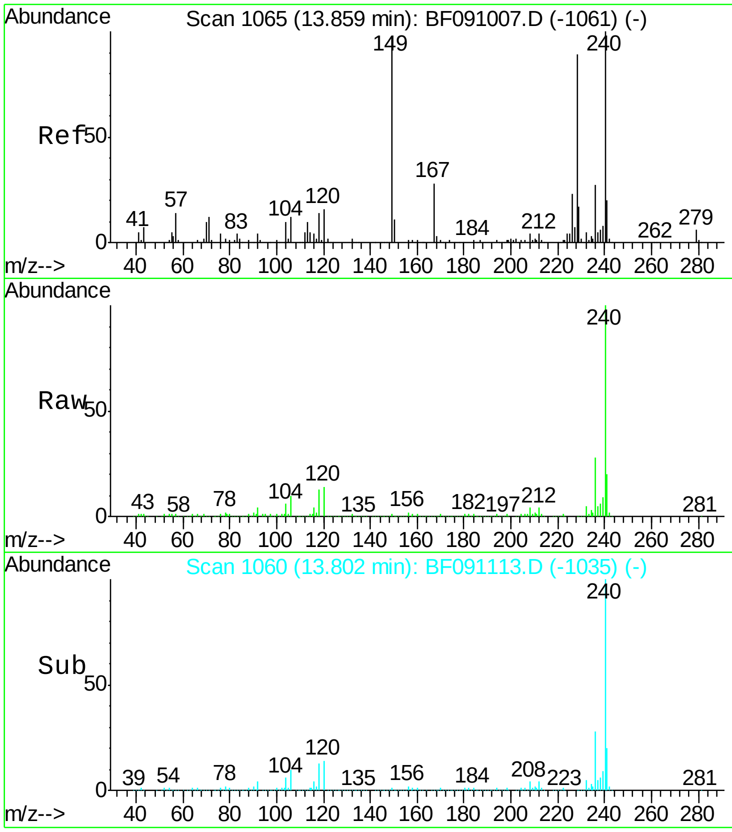


#72
Carbazole
Concen: 2.39 ng
RT: 11.41 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Tgt Ion:167 Resp: 53176

Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.0	27.0
139	14.7	12.6	18.8



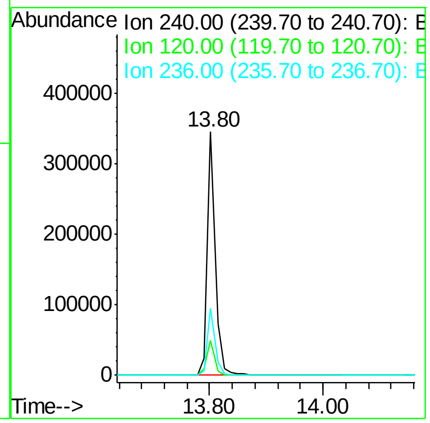


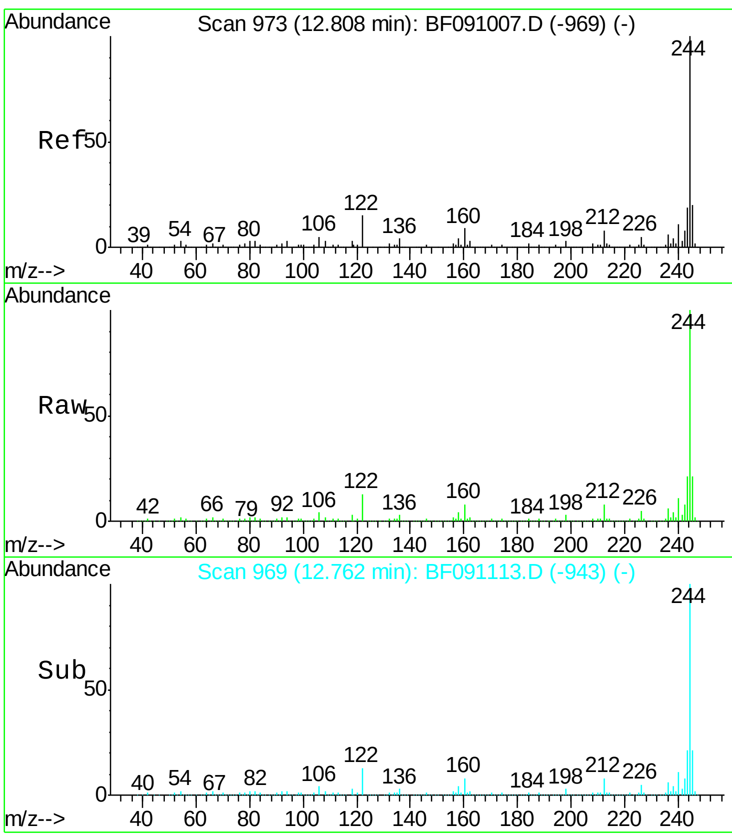
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:240 Resp: 324819

Ion	Ratio	Lower	Upper
240	100		
120	14.5	12.9	19.3
236	27.6	21.9	32.9

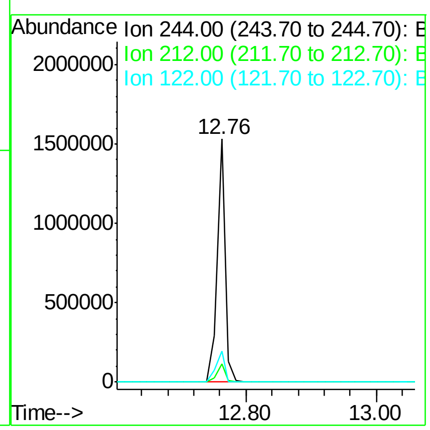


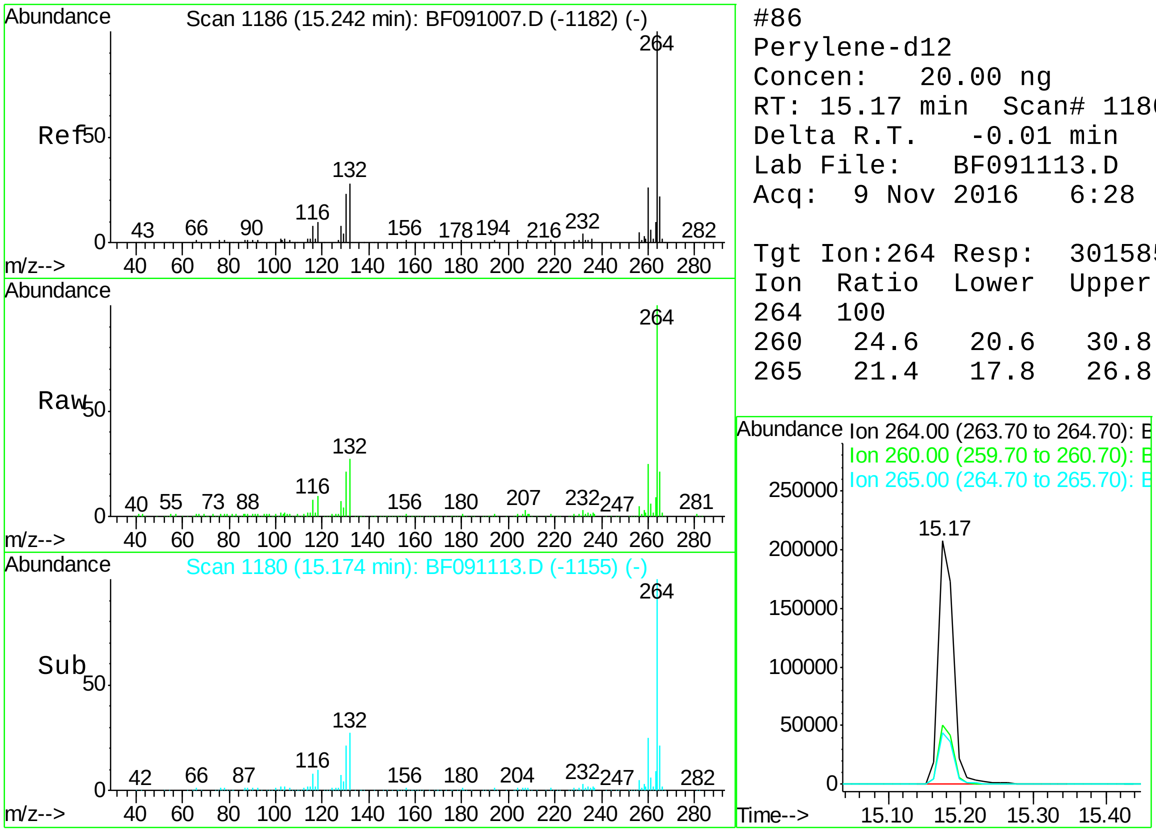


#78
Terphenyl-d14
Concen: 105.17 ng
RT: 12.76 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF091113.D
Acq: 9 Nov 2016 6:28

Tgt Ion:244 Resp: 1368973

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.4	9.6
122	13.0	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: BF091113.D
Acq: 9 Nov 2016   6:28

Instrument :
BNA_F
ClientSampleId :
ERM33

Tgt Ion:264 Resp: 301585

Ion	Ratio	Lower	Upper
264	100		
260	24.6	20.6	30.8
265	21.4	17.8	26.8