Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091097.D
Acq On : 8 Nov 2016 22:12
Operator : UM/SJ
Sample : H5537-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF014-01

Quant Time: Nov 09 00:46:03 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	186846	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	764466	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	391600	20.00	ng		0.00
63) Phenanthrene-d10	11.17	188	617441	20.00	ng		0.00
75) Chrysene-d12	13.80	240	390207	20.00	ng		-0.01
86) Perylene-d12	15.17	264	329566	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	1212127	107.14	ng		0.01
7) Phenol-d6	6.32	99	1569433	102.20	ng		0.00
23) Nitrobenzene-d5	7.23	82	1057081	75.43	ng		-0.01
41) 2,4,6-Tribromophenol	10.49	330	387257	109.39	ng		0.00
44) 2-Fluorobiphenyl	9.02	172	1509021	66.34	ng		-0.01
78) Terphenyl-d14	12.76	244	1437968	91.96	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.43	77	30738	3.61	ng		87
10) Phenol	6.33	94	140518	8.27	ng	#	64
19) n-Nitroso-di-n-propylamine	7.23	70	146262	13.74	ng	#	78
25) Isophorone	7.23	82	903388	33.45	ng	#	67
49) Dimethylphthalate	9.42	163	90203	3.51	ng		99
50) 2,6-Dinitrotoluene	9.70	165	50239	9.13	ng	#	11
55) 4-Nitrophenol	9.90	139	1055	5.96	ng	#	1
56) 2,4-Dinitrotoluene	9.70	165	50241	7.18	ng	#	26
66) 4-Bromophenyl-phenylether	10.49	248	28036	4.37	ng	#	1
70) Phenanthrene	11.20	178	75403	2.30	ng		99
74) Fluoranthene	12.39	202	130436	3.83	ng		90
77) Pyrene	12.60	202	119956	4.69	ng		97
80) Benzo(a)anthracene	13.79	228	54437	2.46	ng		100
82) Chrysene	13.79	228	54437	2.49	ng		96
87) Benzo(b)fluoranthene	14.81	252	74173	3.32	ng	#	94
88) Benzo(k)fluoranthene	14.81	252	74173	3.78	ng		98

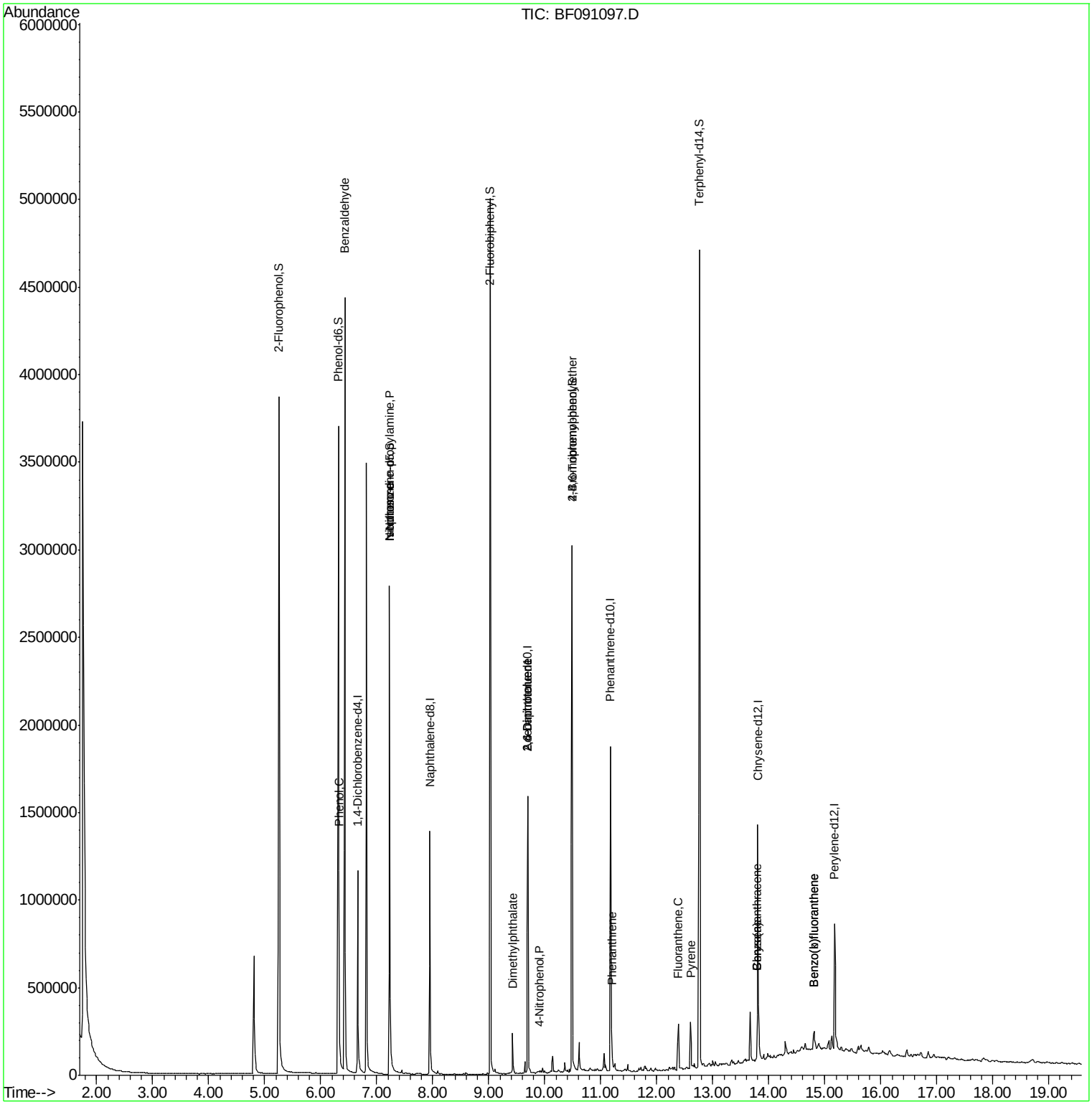
(#) = qualifier out of range (m) = manual integration (+) = signals summed

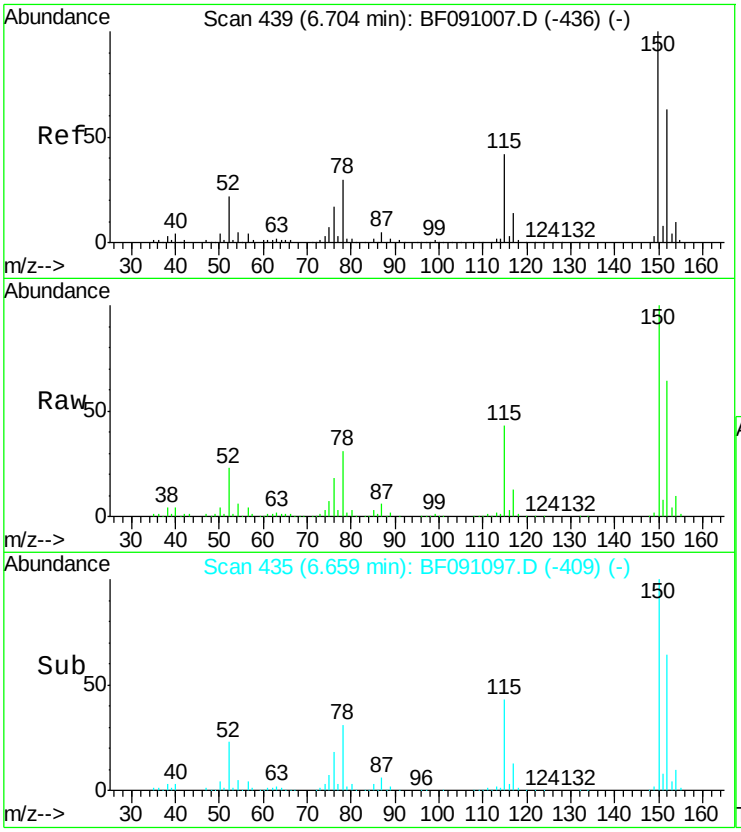
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110816\
Data File : BF091097.D
Acq On : 8 Nov 2016 22:12
Operator : UM/SJ
Sample : H5537-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : V001-BF014-01

Quant Time: Nov 09 00:46:03 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



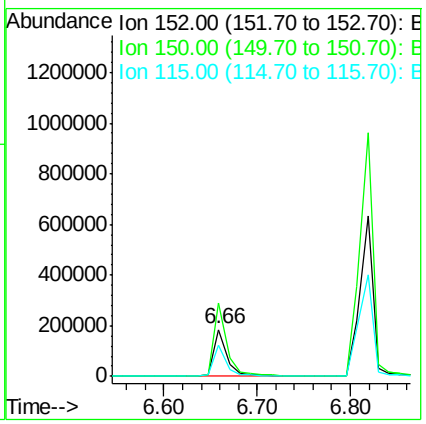


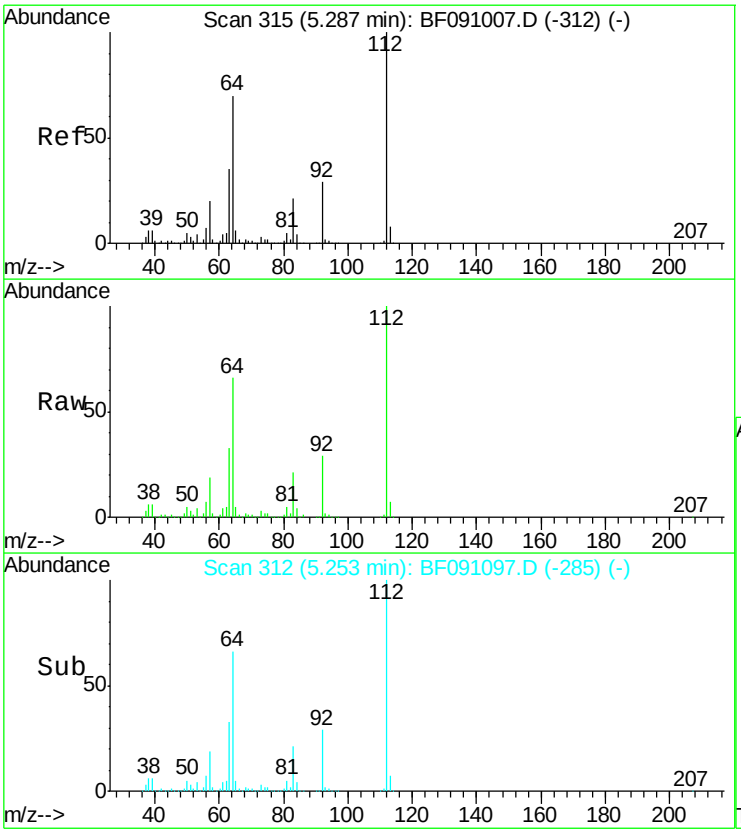
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion:152 Resp: 186846

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.8	190.2
115	67.6	53.3	79.9

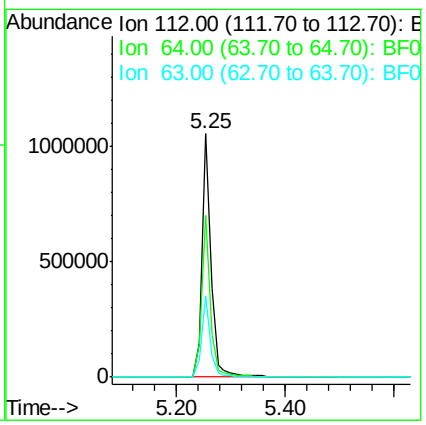


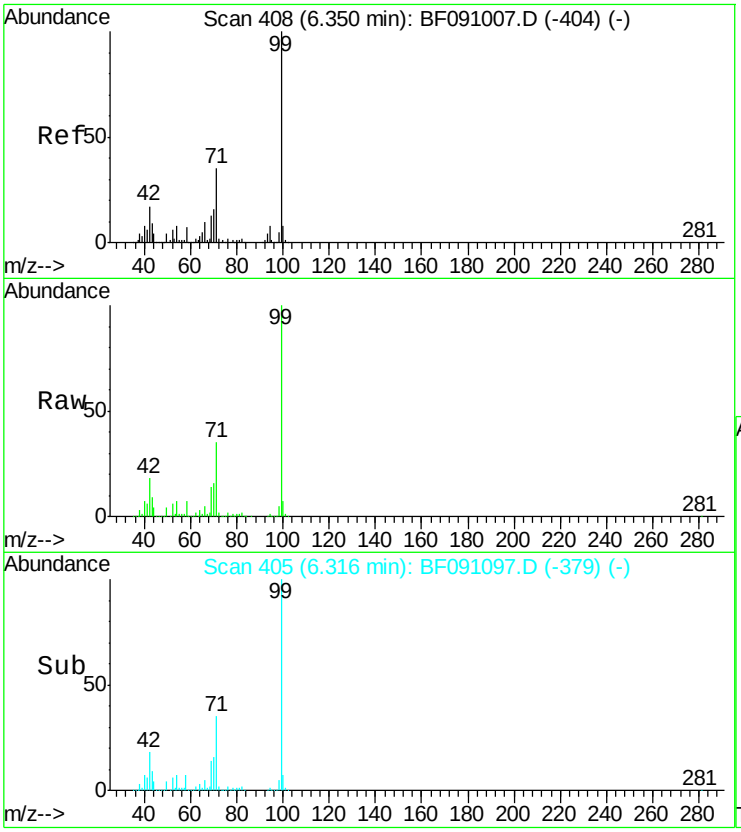


#5
2-Fluorophenol
Concen: 107.14 ng
RT: 5.25 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion:112 Resp: 1212127

Ion	Ratio	Lower	Upper
112	100		
64	66.2	55.8	83.6
63	33.5	28.0	42.0



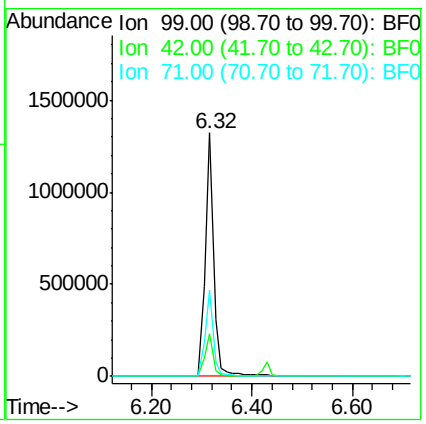


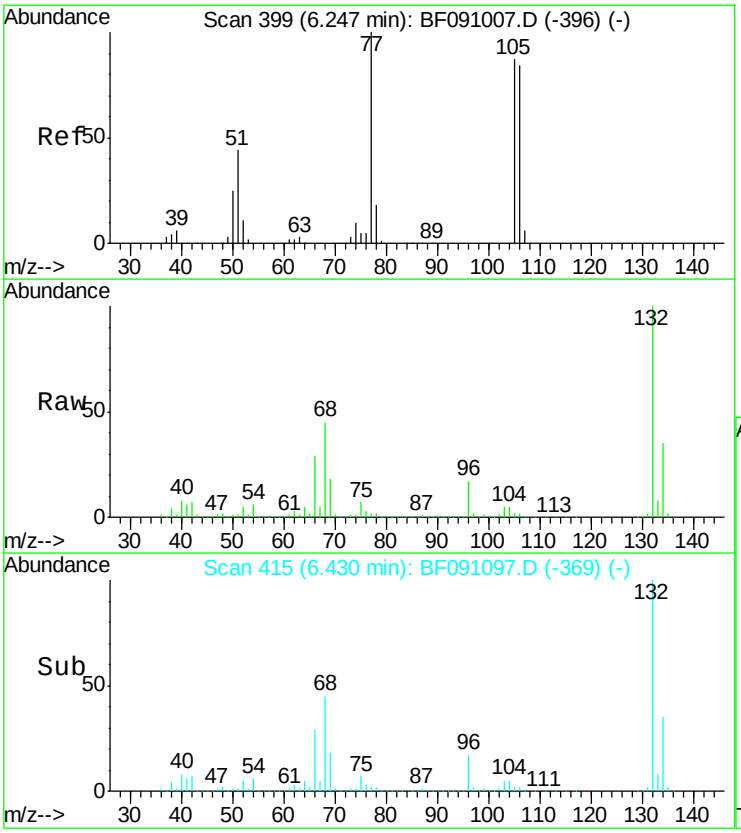
#7
Phenol-d6
Concen: 102.20 ng
RT: 6.32 min Scan# 405
Delta R.T. 0.00 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion: 99 Resp: 1569433

Ion	Ratio	Lower	Upper
99	100		
42	17.6	13.9	20.9
71	35.3	27.8	41.8

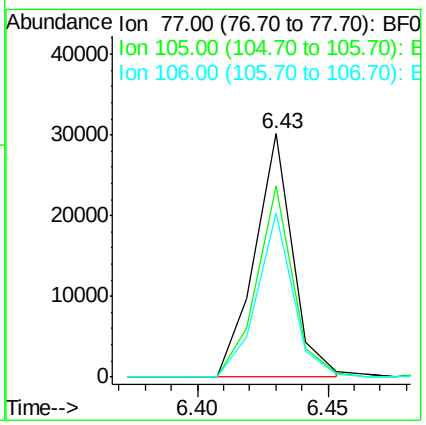


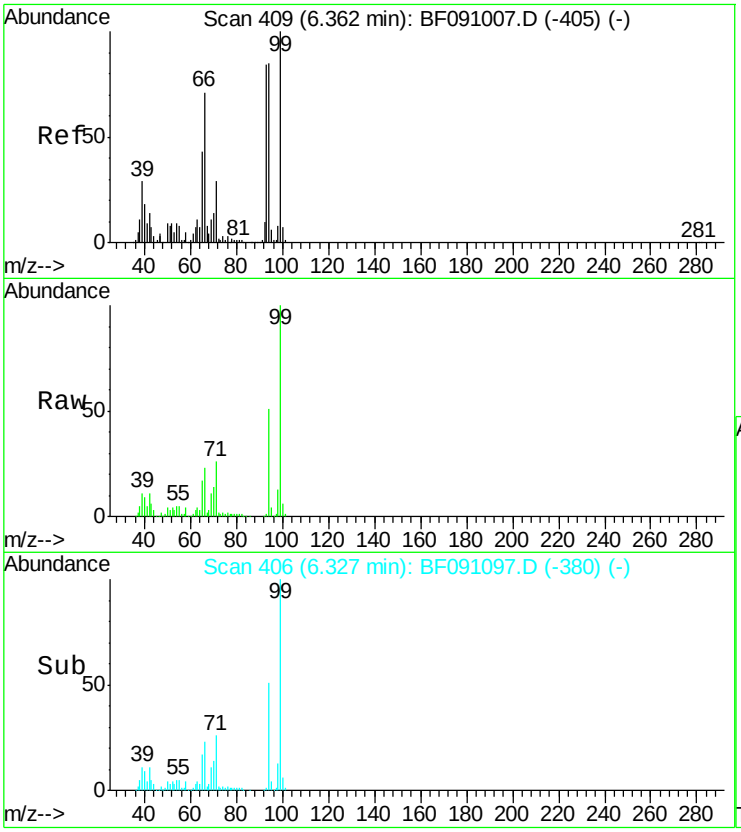


#9
Benzaldehyde
Concen: 3.61 ng
RT: 6.43 min Scan# 415
Delta R.T. 0.23 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion: 77 Resp: 30738

Ion	Ratio	Lower	Upper
77	100		
105	78.6	66.8	106.8
106	67.7	64.0	104.0



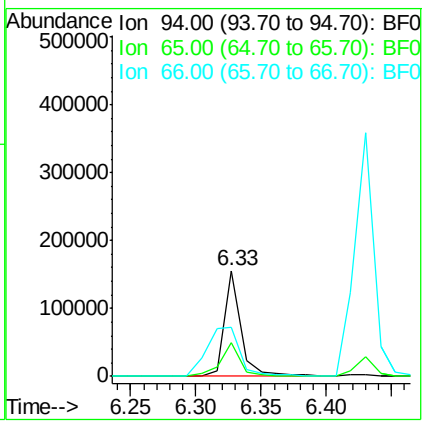


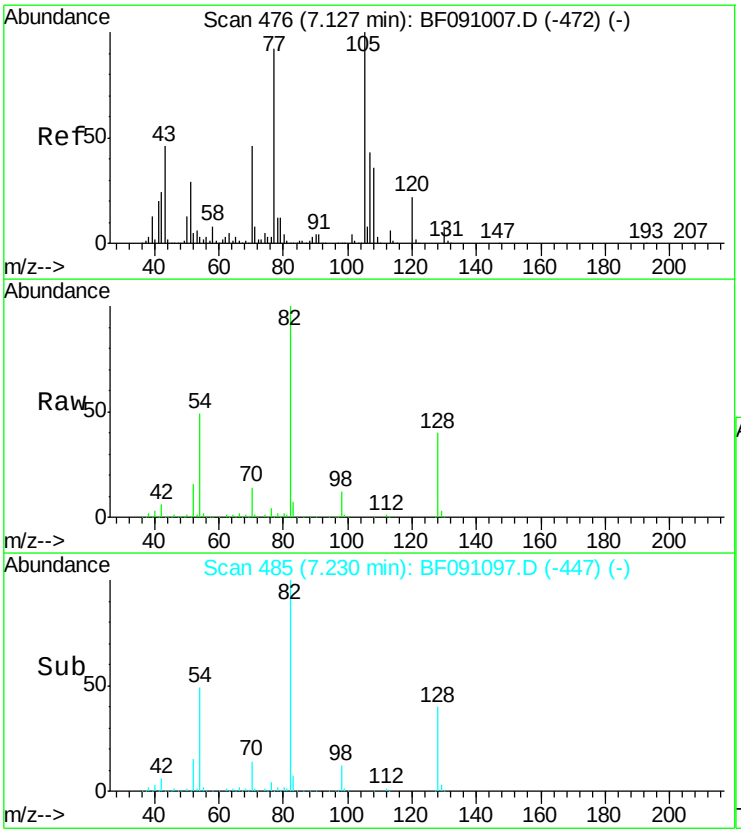
#10
Phenol
Concen: 8.27 ng
RT: 6.33 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion: 94 Resp: 140518

Ion	Ratio	Lower	Upper
94	100		
65	32.4	30.4	70.4
66	45.7	62.9	102.9#

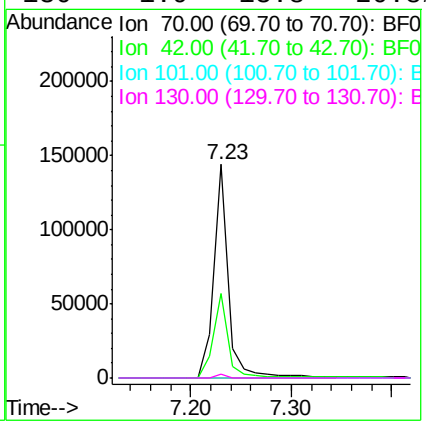


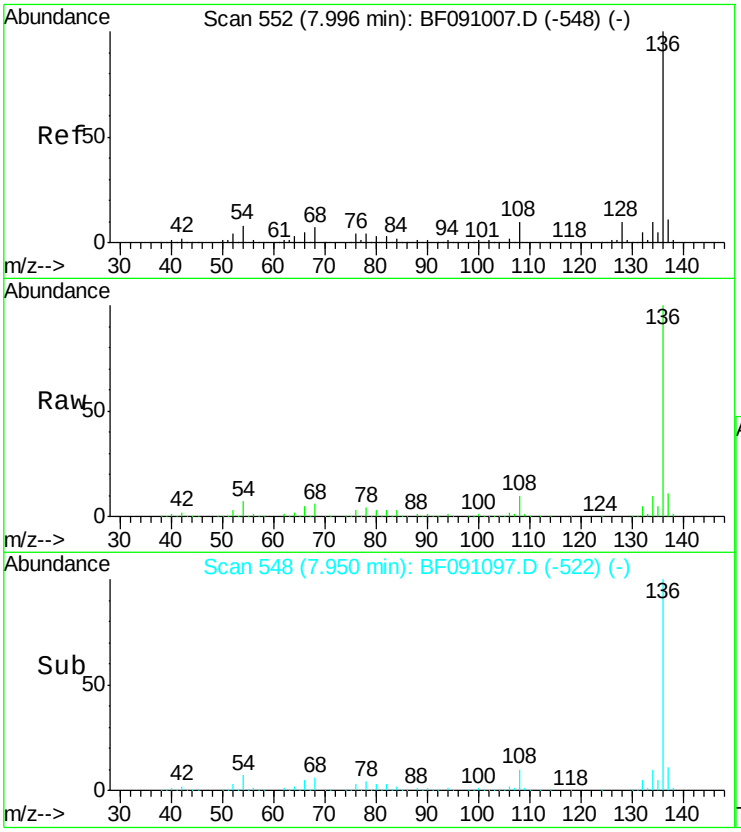


#19
n-Nitroso-di-n-propylamine
Concen: 13.74 ng
RT: 7.23 min Scan# 485
Delta R.T. 0.14 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion: 70 Resp: 146262

Ion	Ratio	Lower	Upper
70	100		
42	39.4	41.7	62.5#
101	0.0	6.7	10.1#
130	1.9	13.8	20.8#



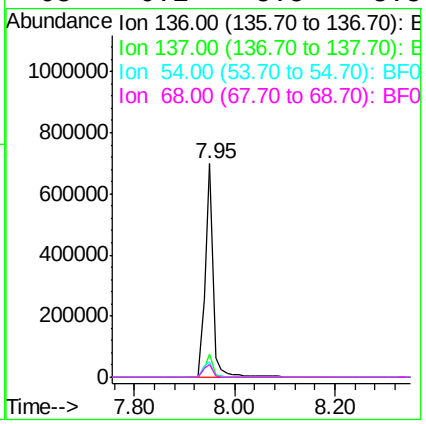


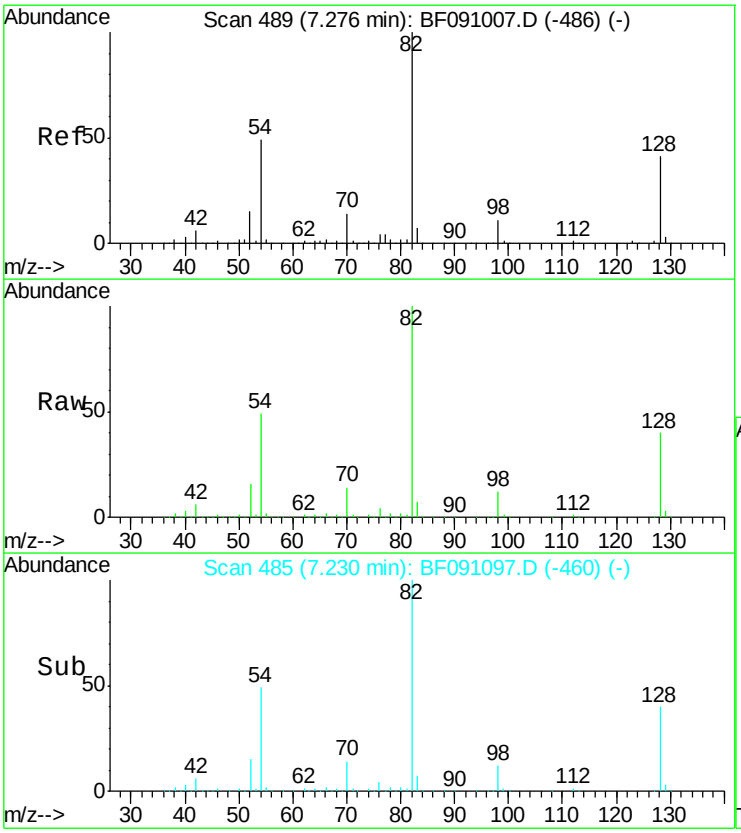
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion:136 Resp: 764466

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.0	6.2	9.2
68	6.1	5.5	8.3

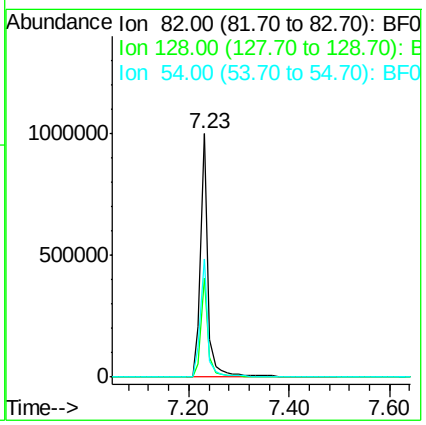


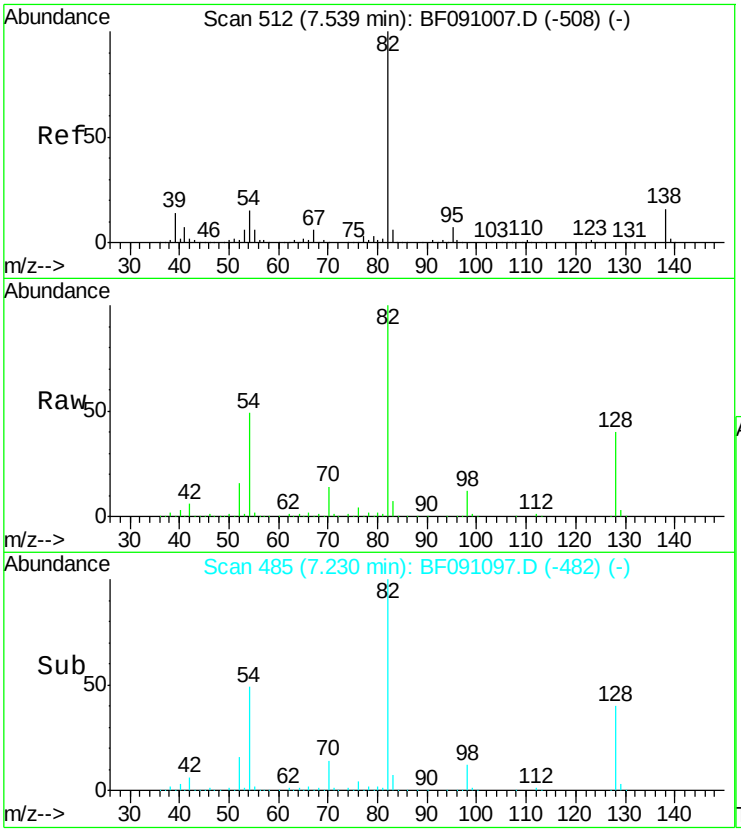


#23
Nitrobenzene-d5
Concen: 75.43 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.01 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion: 82 Resp: 1057081

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.4	48.6
54	48.7	39.2	58.8



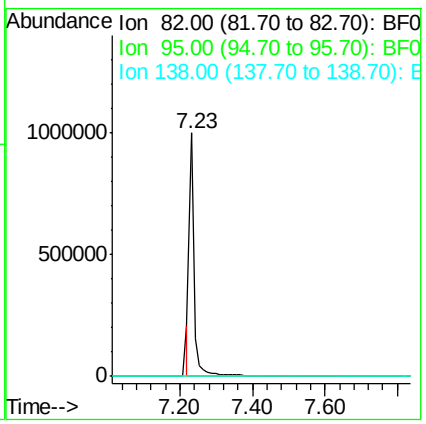


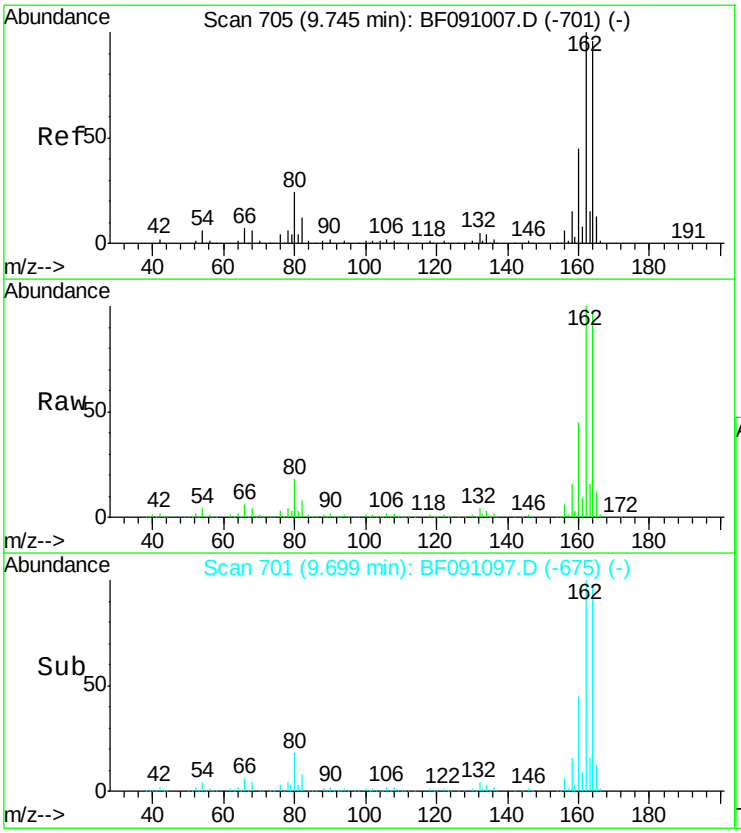
#25
Isophorone
Concen: 33.45 ng
RT: 7.23 min Scan# 485
Delta R.T. -0.26 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion: 82 Resp: 903388

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

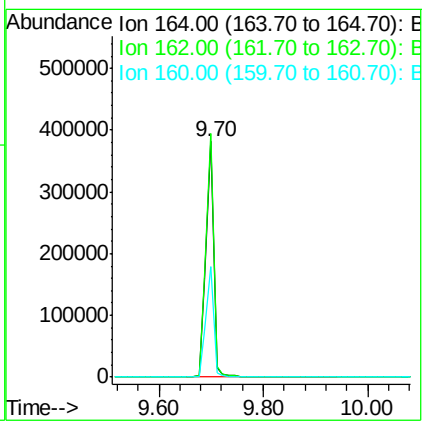


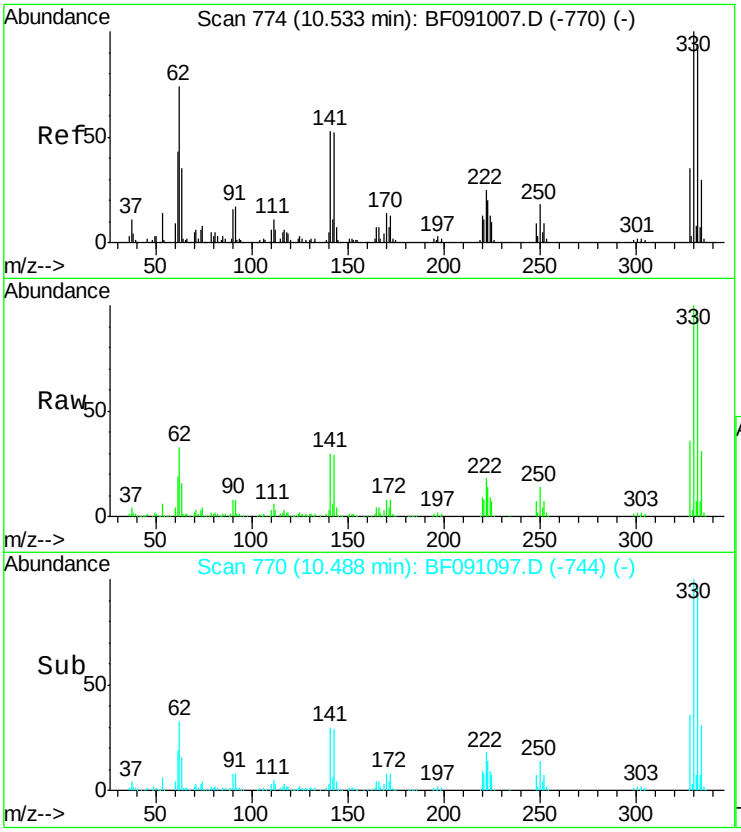


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion:164 Resp: 391600

Ion	Ratio	Lower	Upper
164	100		
162	103.4	83.6	125.4
160	47.0	37.9	56.9



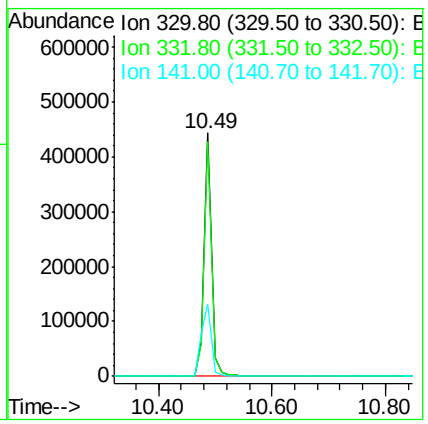


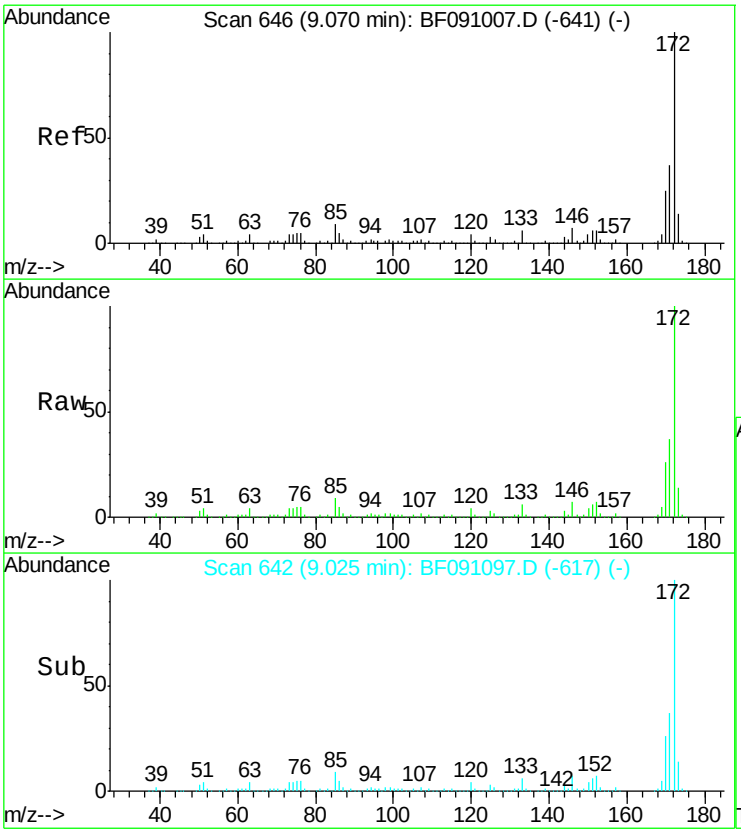
#41
2,4,6-Tribromophenol
Concen: 109.39 ng
RT: 10.49 min Scan# 770
Delta R.T. 0.00 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion:330 Resp: 387257

Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.9	113.9
141	40.6	36.1	54.1

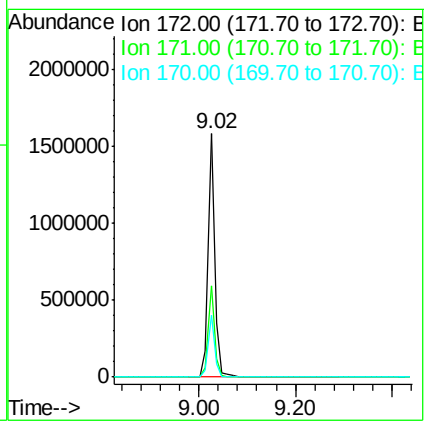


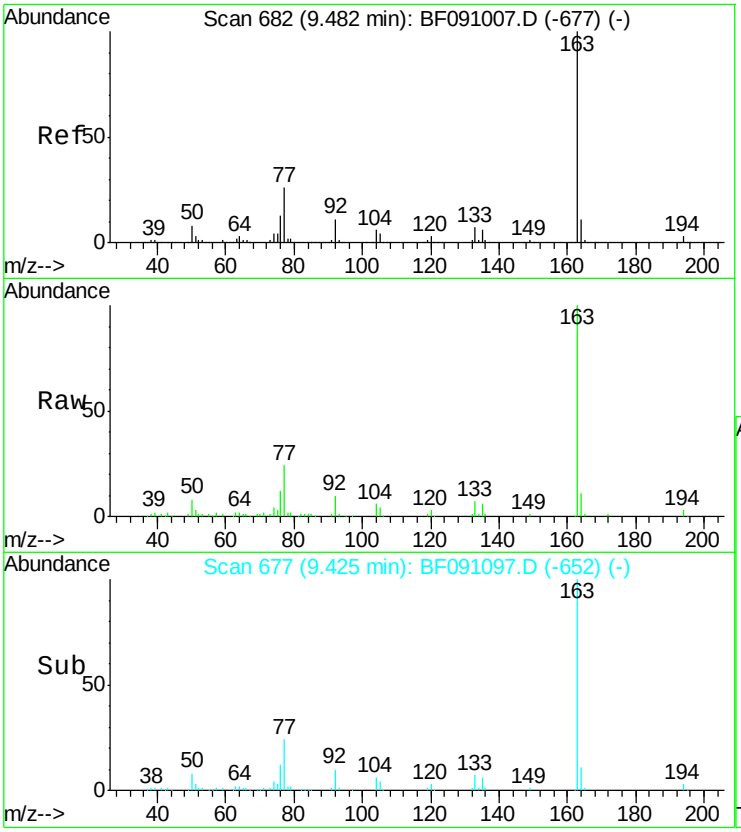


#44
2-Fluorobiphenyl
Concen: 66.34 ng
RT: 9.02 min Scan# 642
Delta R.T. -0.01 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion:172 Resp: 1509021

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.8	44.6
170	25.6	20.3	30.5



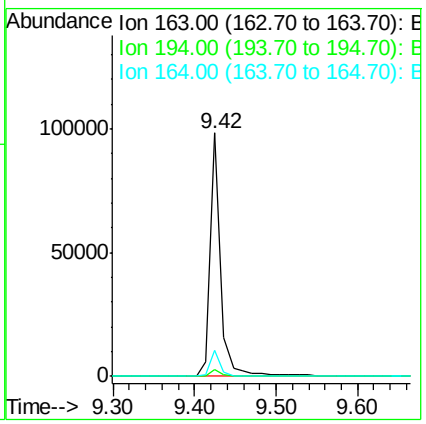


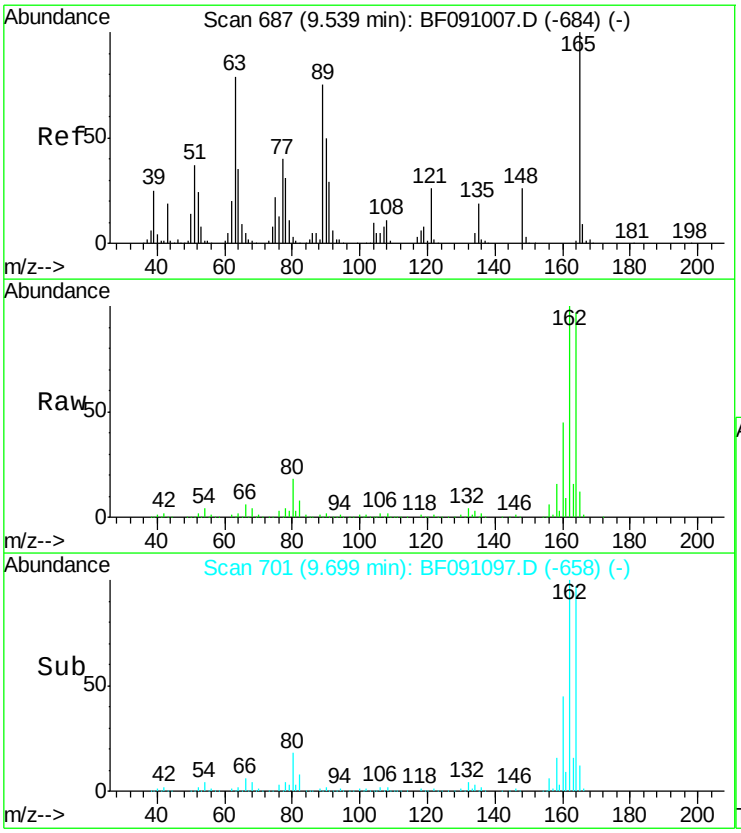
#49
Dimethylphthalate
Concen: 3.51 ng
RT: 9.42 min Scan# 677
Delta R.T. -0.01 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion:163 Resp: 90203

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.6	4.0
164	10.5	8.7	13.1

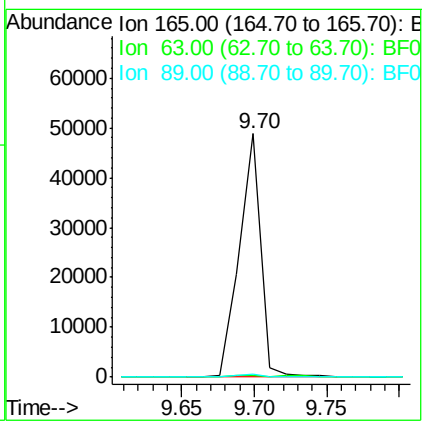


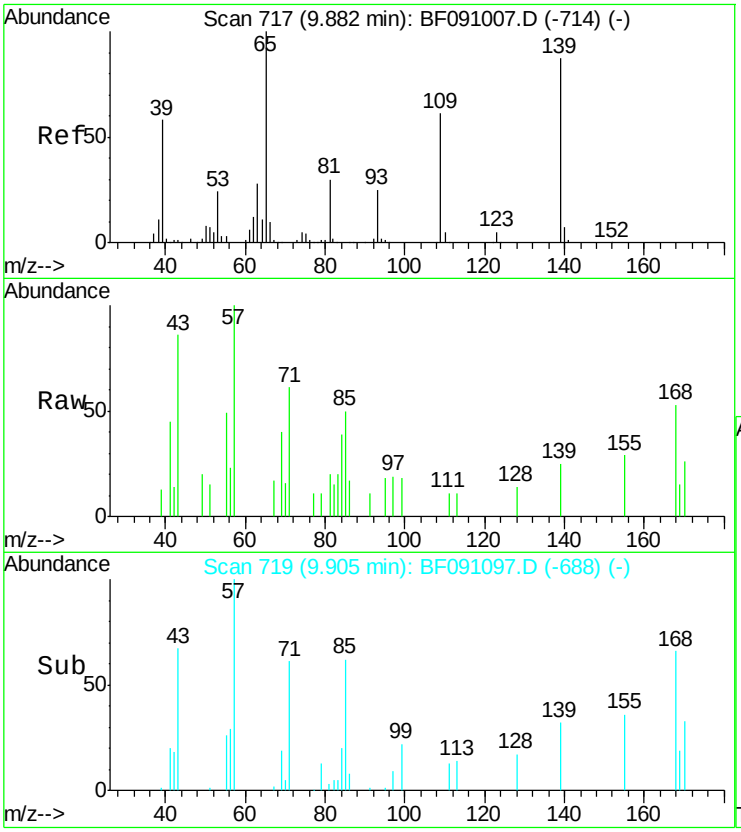


#50
2,6-Dinitrotoluene
Concen: 9.13 ng
RT: 9.70 min Scan# 701
Delta R.T. 0.19 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion:165 Resp: 50239

Ion	Ratio	Lower	Upper
165	100		
63	0.7	65.6	98.4#
89	1.0	59.8	89.6#



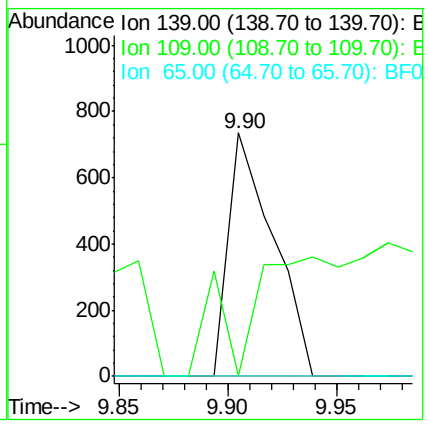


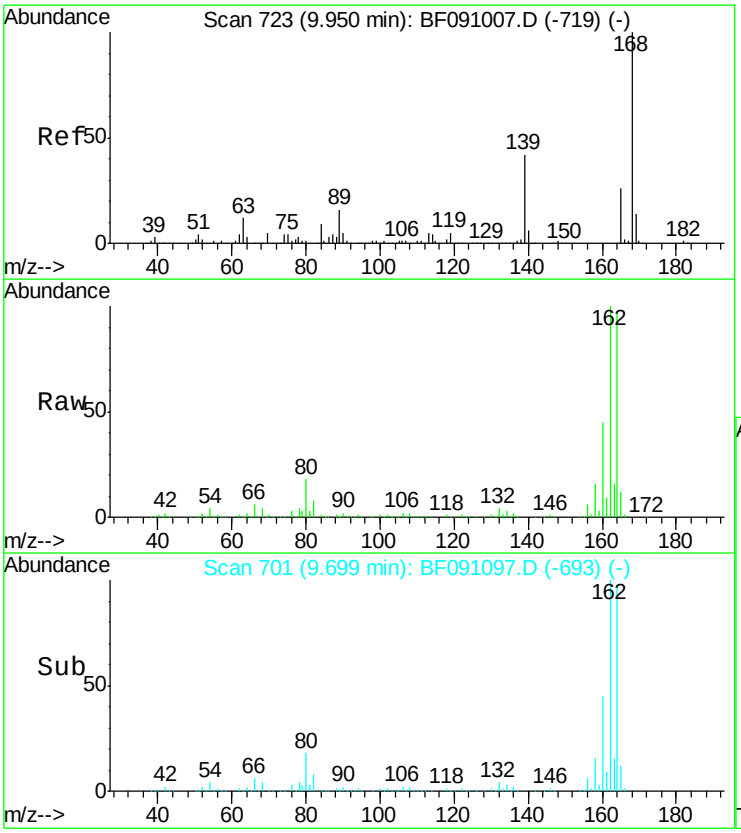
#55
4-Nitrophenol
Concen: 5.96 ng
RT: 9.90 min Scan# 719
Delta R.T. 0.06 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion:139 Resp: 1055

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

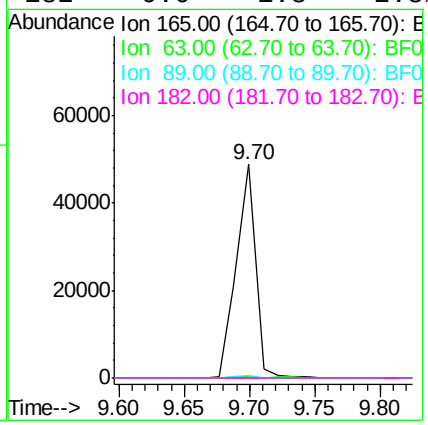


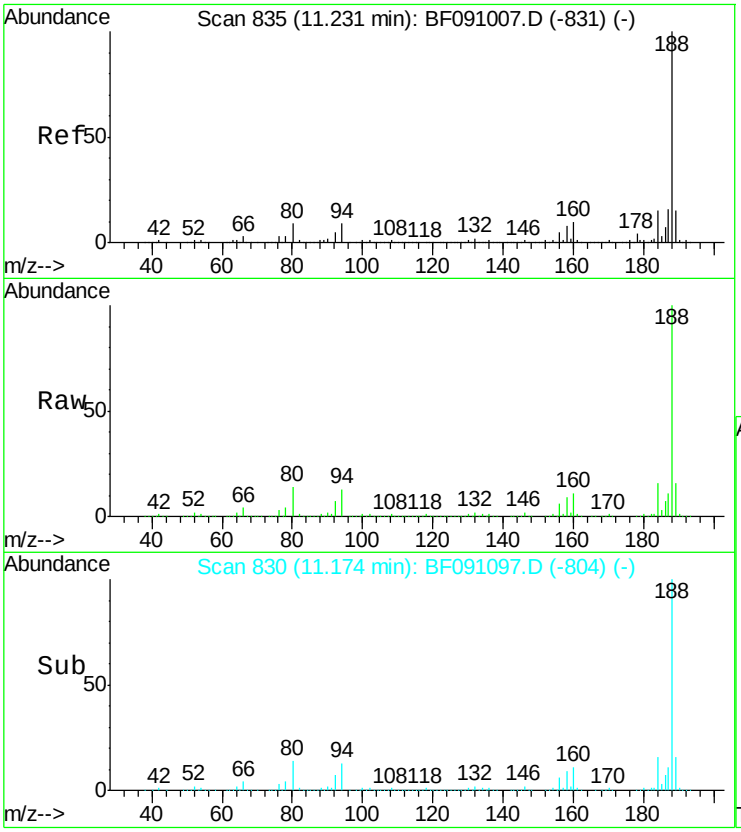


#56
2,4-Dinitrotoluene
Concen: 7.18 ng
RT: 9.70 min Scan# 701
Delta R.T. -0.21 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion:165 Resp: 50241

Ion	Ratio	Lower	Upper
165	100		
63	0.7	38.7	58.1#
89	1.0	50.6	76.0#
182	0.0	1.8	2.8#



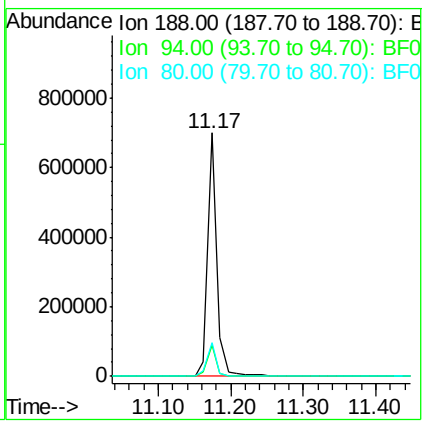


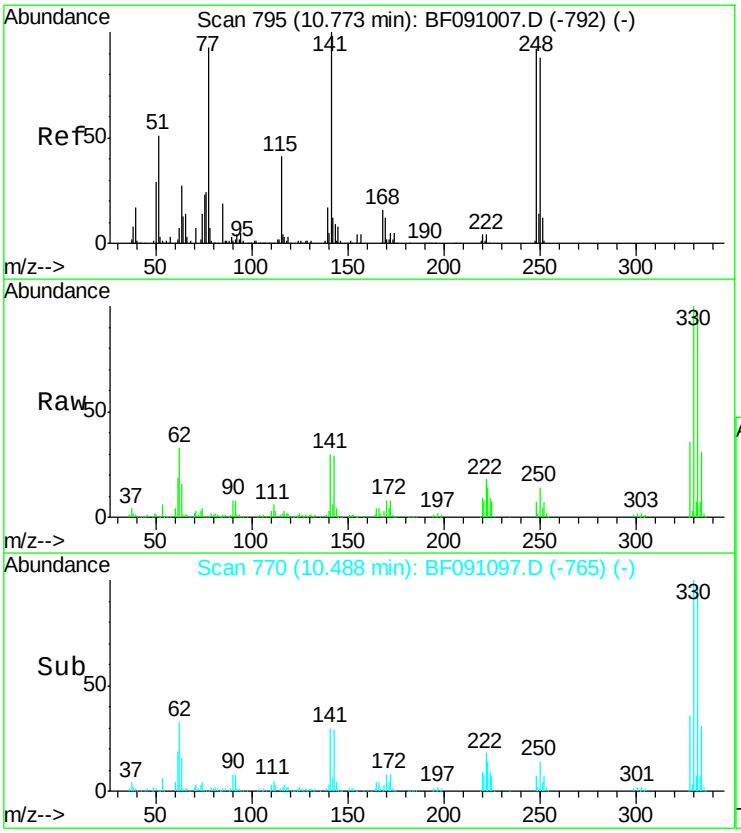
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.17 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion:188 Resp: 617441

Ion	Ratio	Lower	Upper
188	100		
94	12.6	7.0	10.4#
80	13.7	7.5	11.3#

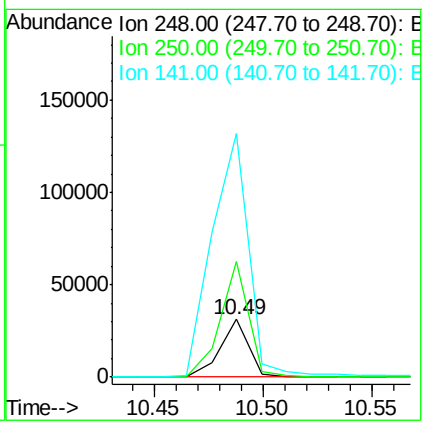


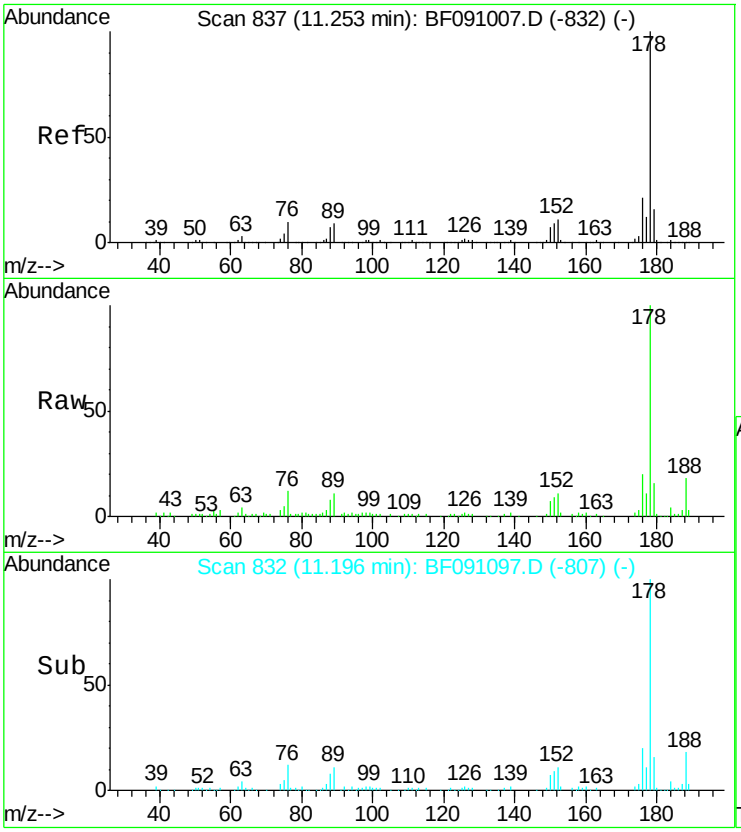


#66
4-Bromophenyl-phenylether
Concen: 4.37 ng
RT: 10.49 min Scan# 770
Delta R.T. -0.24 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion:248 Resp: 28036

Ion	Ratio	Lower	Upper
248	100		
250	200.1	76.3	114.5#
141	423.1	86.8	130.2#



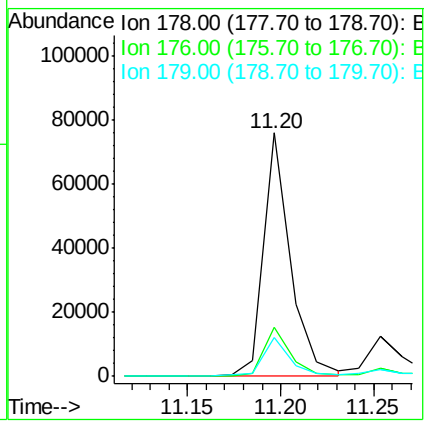


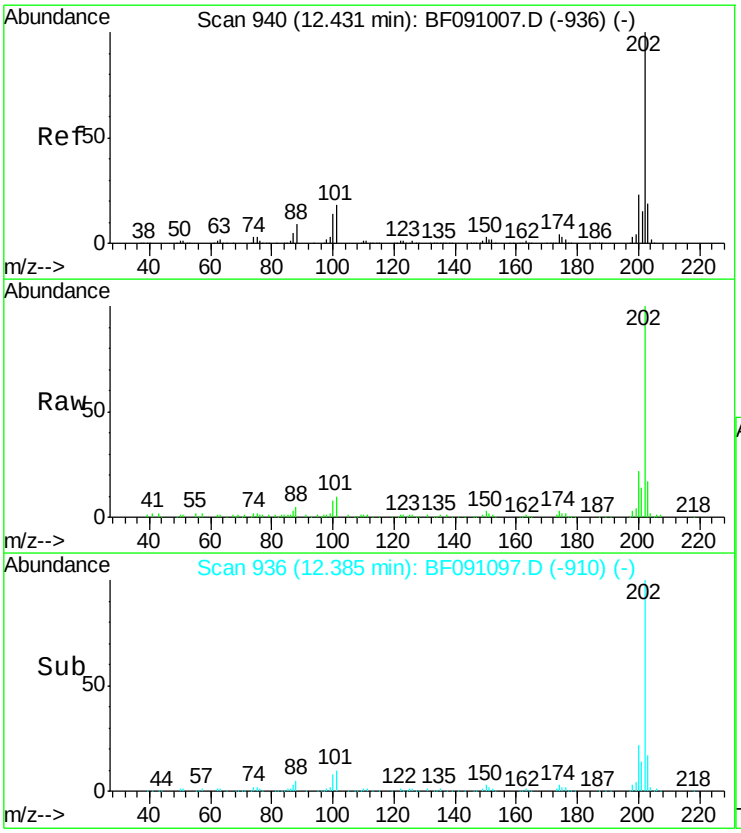
#70
Phenanthrene
Concen: 2.30 ng
RT: 11.20 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion:178 Resp: 75403

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.6	25.0
179	15.9	12.9	19.3

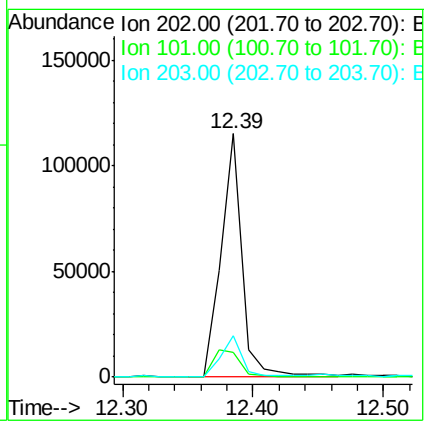


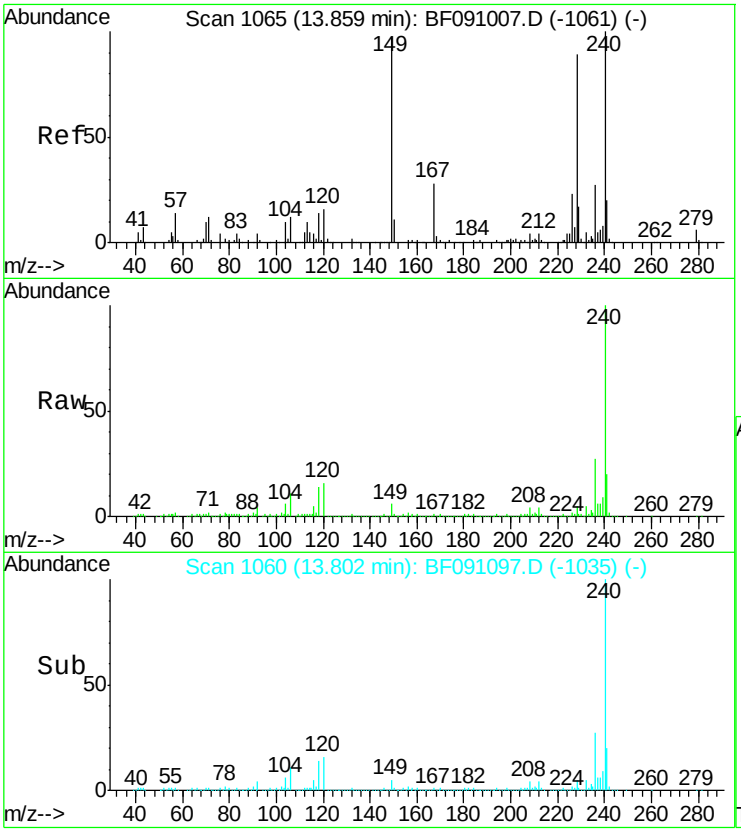


#74
Fluoranthene
Concen: 3.83 ng
RT: 12.39 min Scan# 936
Delta R.T. 0.00 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion:202 Resp: 130436

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	37.6
203	16.9	0.0	38.6



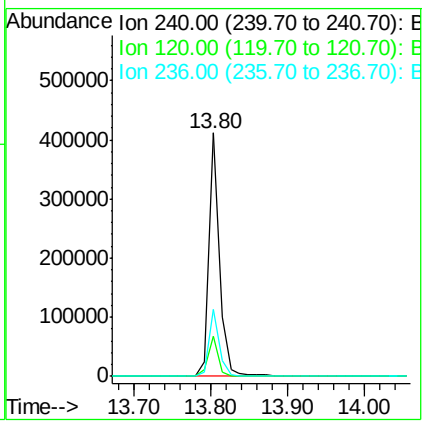


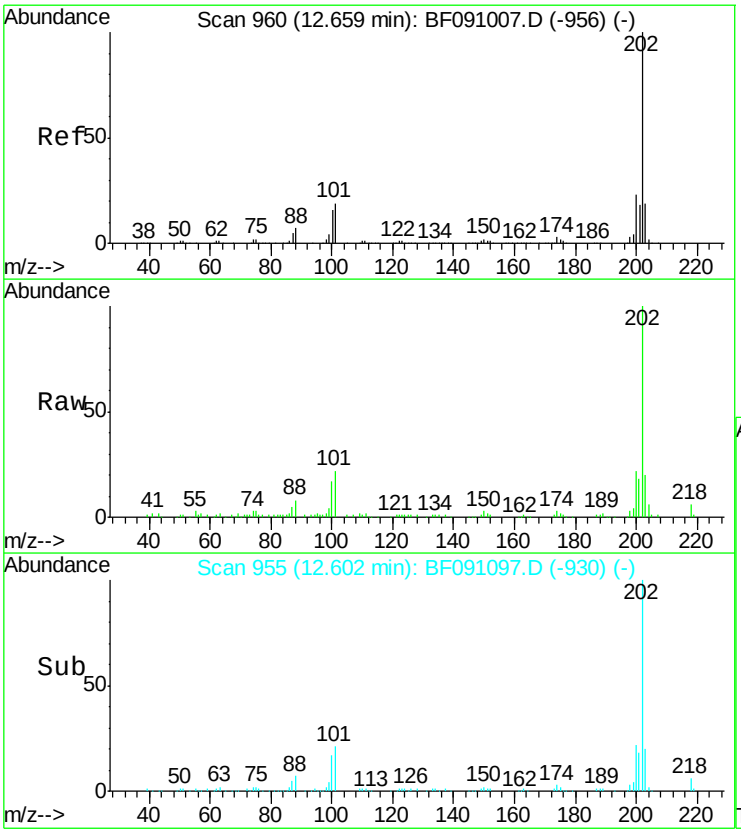
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.80 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion:240 Resp: 390207

Ion	Ratio	Lower	Upper
240	100		
120	16.3	12.9	19.3
236	27.5	21.9	32.9

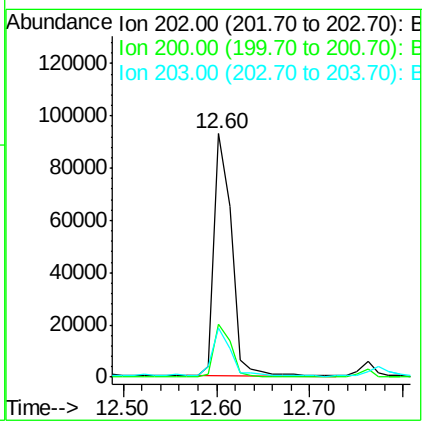


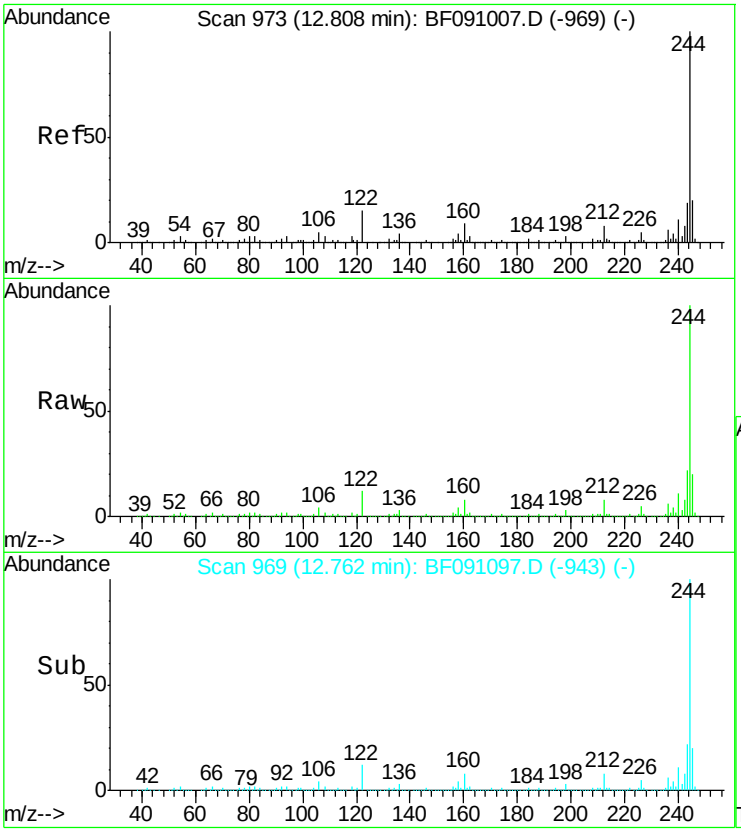


#77
Pyrene
Concen: 4.69 ng
RT: 12.60 min Scan# 955
Delta R.T. -0.01 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion:202 Resp: 119956

Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.4	27.6
203	20.3	15.0	22.6



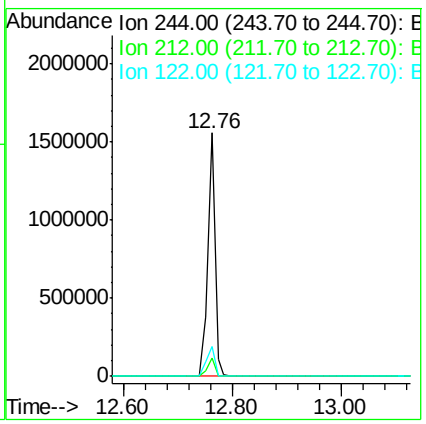


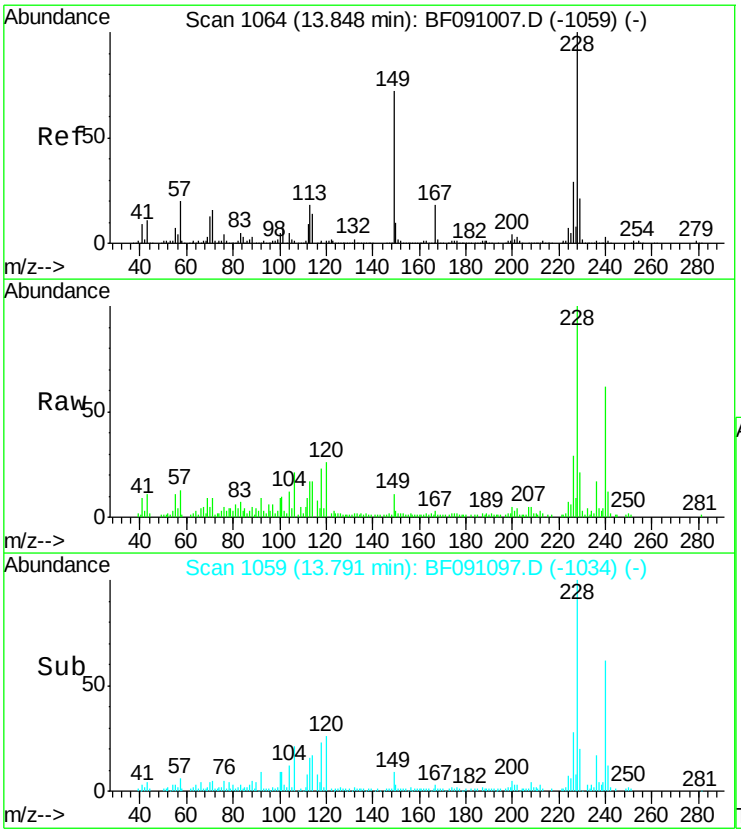
#78
Terphenyl-d14
Concen: 91.96 ng
RT: 12.76 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion:244 Resp: 1437968

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.4	9.6
122	12.1	12.3	18.5#

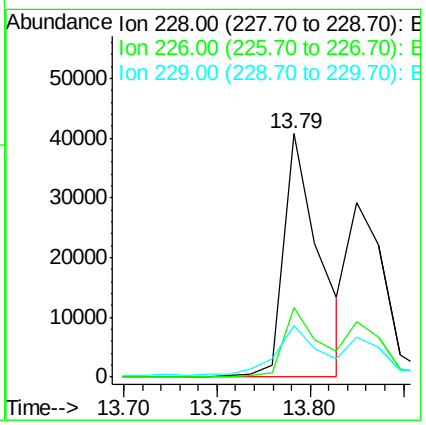


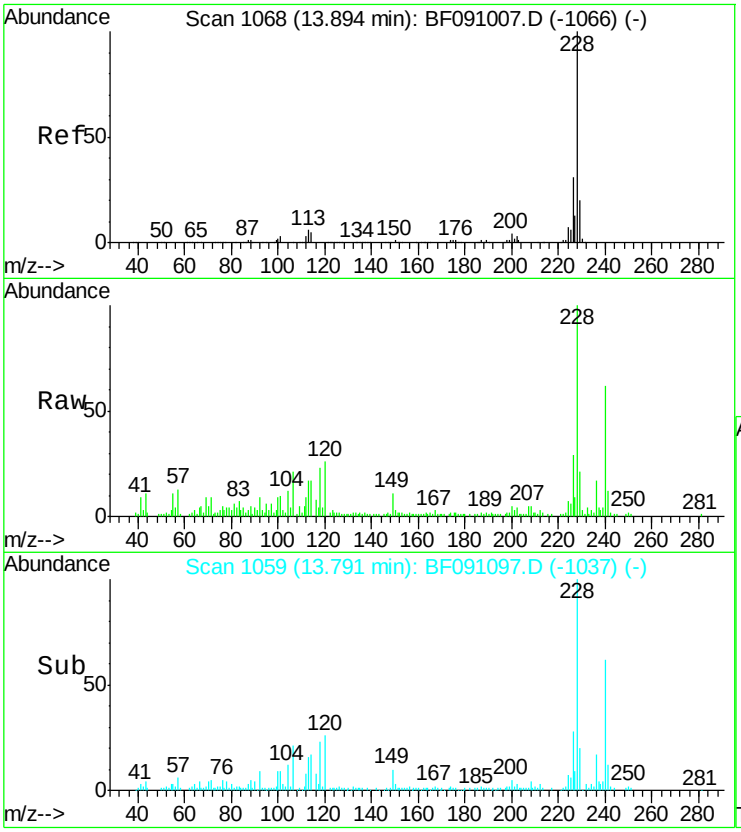


#80
Benzo(a)anthracene
Concen: 2.46 ng
RT: 13.79 min Scan# 1059
Delta R.T. -0.01 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion:228 Resp: 54437

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.6
229	21.0	16.6	24.8



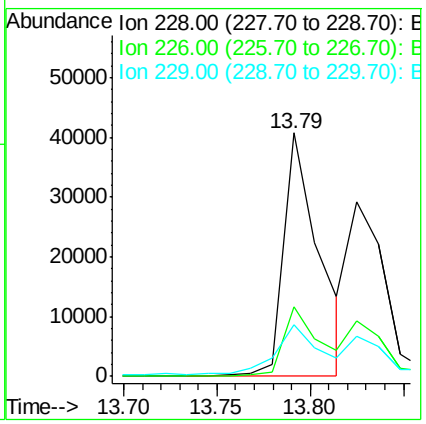


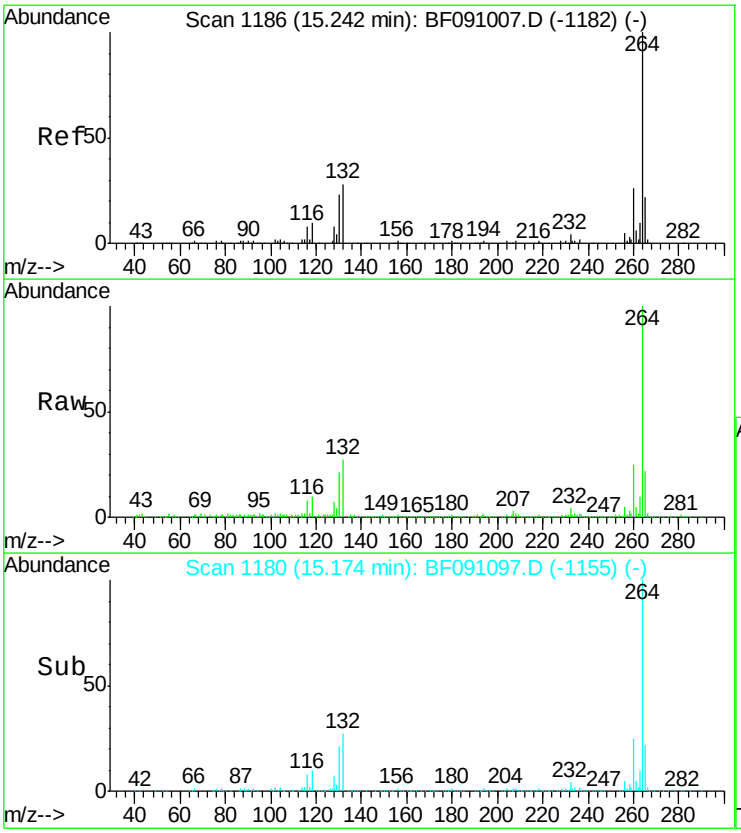
#82
Chrysene
Concen: 2.49 ng
RT: 13.79 min Scan# 1059
Delta R.T. -0.05 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion:228 Resp: 54437

Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	21.0	15.9	23.9

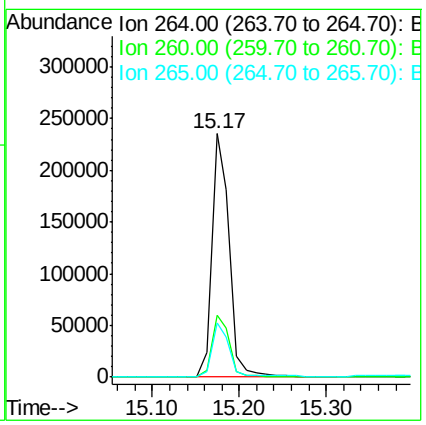


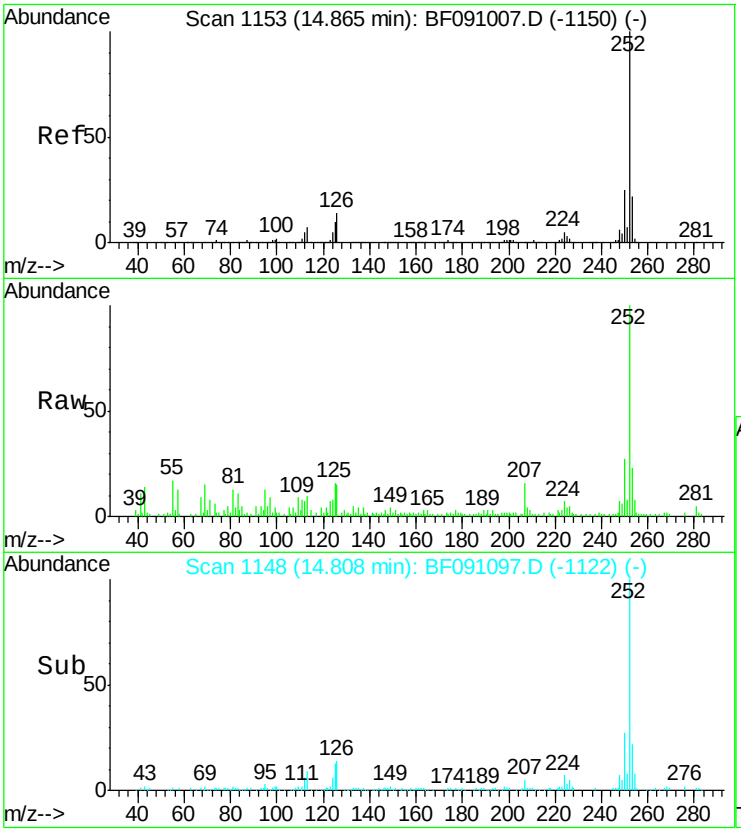


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1180
Delta R.T. -0.01 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion:264 Resp: 329566

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	22.2	17.8	26.8



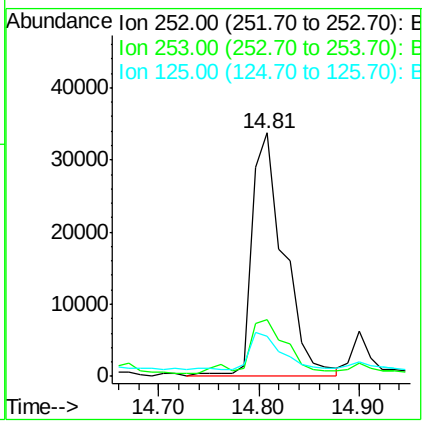


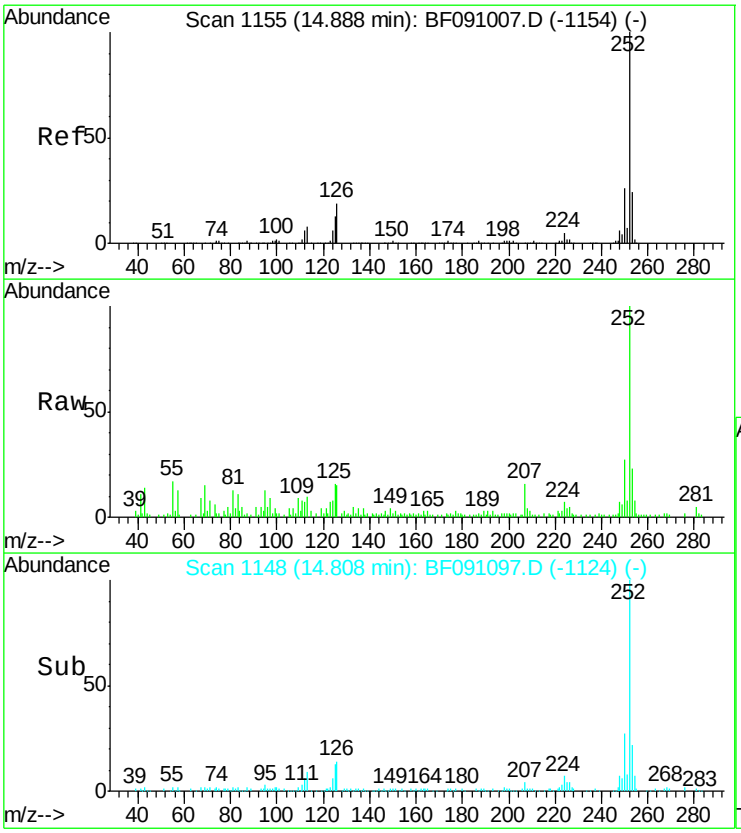
#87
Benzo(b)fluoranthene
Concen: 3.32 ng
RT: 14.81 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Instrument :
BNA_F
ClientSampleId :
V001-BF014-01

Tgt Ion:252 Resp: 74173

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	16.4	8.3	12.5#





#88
Benzo(k)fluoranthene
Concen: 3.78 ng
RT: 14.81 min Scan# 1148
Delta R.T. -0.02 min
Lab File: BF091097.D
Acq: 8 Nov 2016 22:12

Tgt Ion:252 Resp: 74173

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	16.4	11.2	16.8