Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091800.D
Acq On : 20 Dec 2016 3:43
Operator : UM/SJ
Sample : H6165-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SBW-1

Quant Time: Dec 20 06:00:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	225764	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	902662	20.00	ng		-0.02
38) Acenaphthene-d10	9.79	164	434449	20.00	ng		-0.02
63) Phenanthrene-d10	11.28	188	751270	20.00	ng		-0.01
75) Chrysene-d12	13.91	240	507286	20.00	ng		-0.02
86) Perylene-d12	15.31	264	431193	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	898748	66.70	ng		-0.01
7) Phenol-d6	6.40	99	637448	38.79	ng		-0.02
23) Nitrobenzene-d5	7.32	82	1268445	81.04	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	422046	114.56	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	2270982	105.02	ng		-0.01
78) Terphenyl-d14	12.86	244	1730184	86.12	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.30	77	2867	Below Cal			95
15) Benzyl Alcohol	6.91	79	25607	2.01	ng	#	52
18) Hexachloroethane	7.33	117	49635	8.11	ng	#	5
19) n-Nitroso-di-n-propylamine	7.32	70	167437	15.32	ng	#	77
25) Isophorone	7.32	82	1064605	35.65	ng	#	65
31) Naphthalene	8.06	128	100092	2.32	ng		99
49) Dimethylphthalate	9.52	163	306008	10.78	ng		100
56) 2,4-Dinitrotoluene	9.79	165	58182	7.49	ng	#	20
66) 4-Bromophenyl-phenylether	10.58	248	25327	3.21	ng	#	1
70) Phenanthrene	11.30	178	126636	3.37	ng		96
74) Fluoranthene	12.48	202	112046	2.86	ng		97
77) Pyrene	12.70	202	100240	2.74	ng		99
87) Benzo(b)fluoranthene	14.91	252	63187	2.31	ng		100
88) Benzo(k)fluoranthene	14.91	252	63187	3.29	ng		99

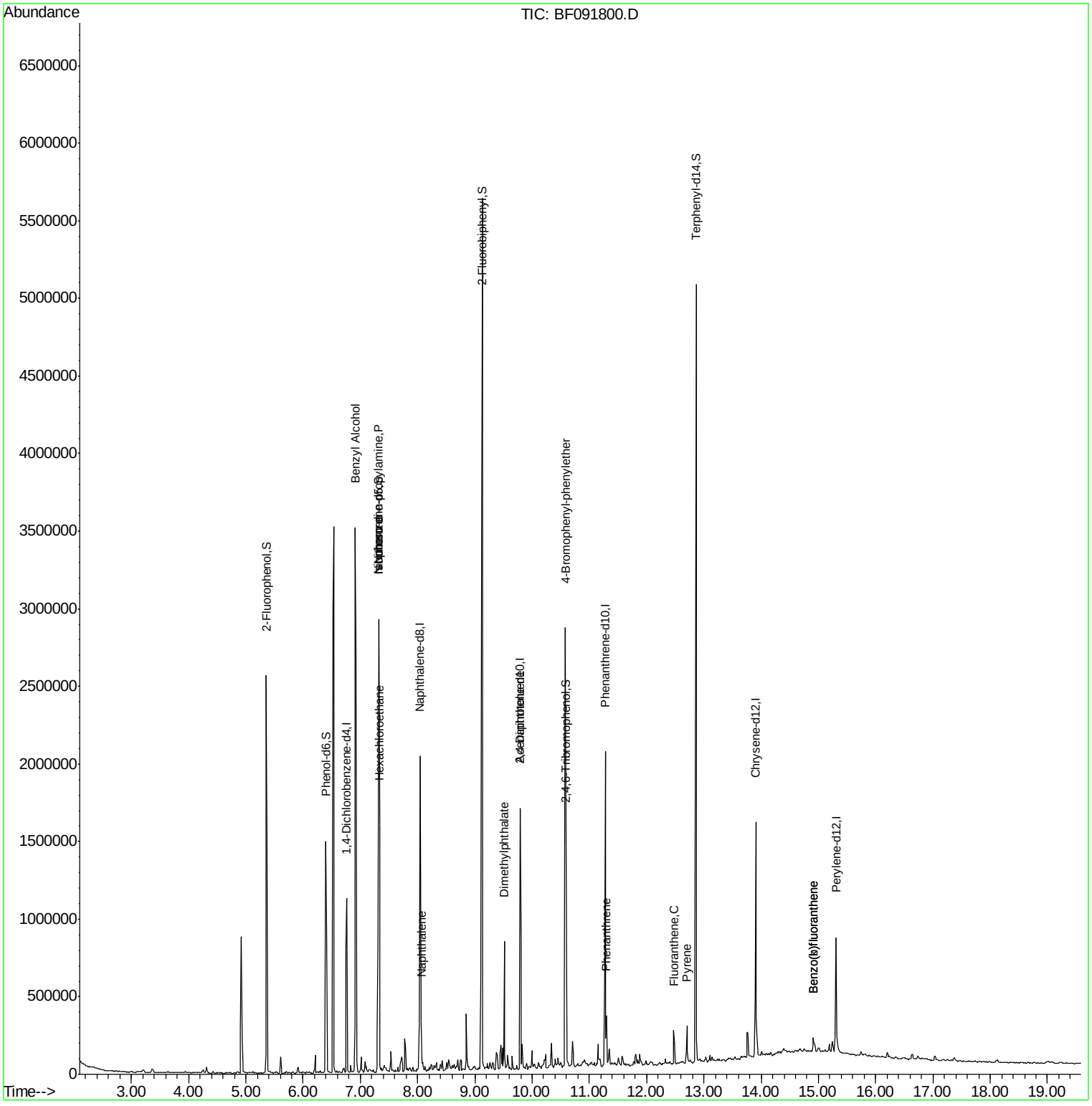
(#) = qualifier out of range (m) = manual integration (+) = signals summed

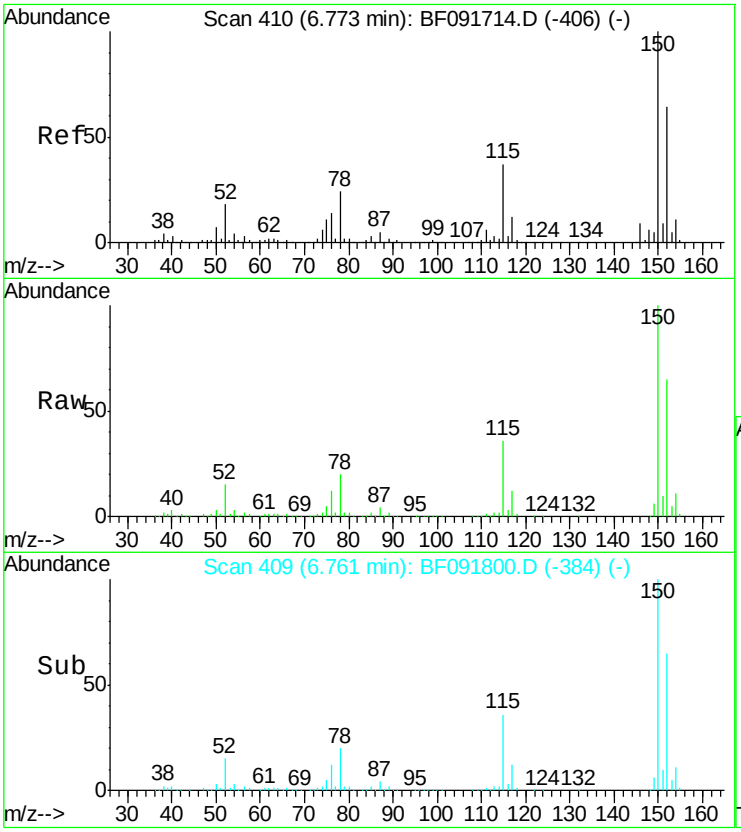
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121916\
Data File : BF091800.D
Acq On : 20 Dec 2016 3:43
Operator : UM/SJ
Sample : H6165-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SBW-1

Quant Time: Dec 20 06:00:16 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration



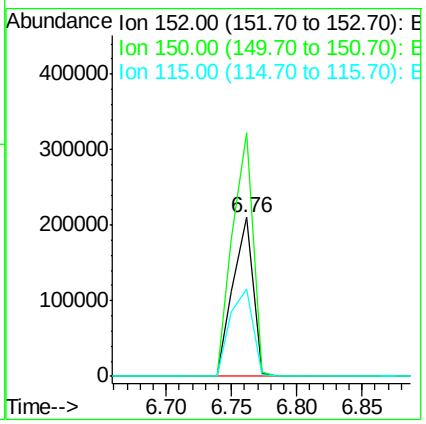


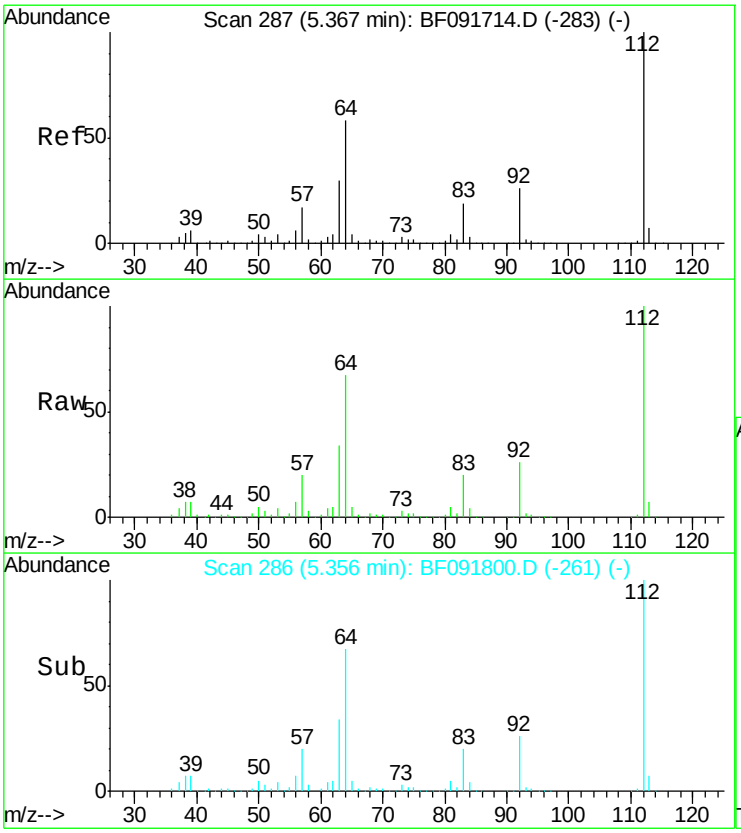
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion:152 Resp: 225764

Ion	Ratio	Lower	Upper
152	100		
150	153.2	124.9	187.3
115	54.9	46.0	69.0

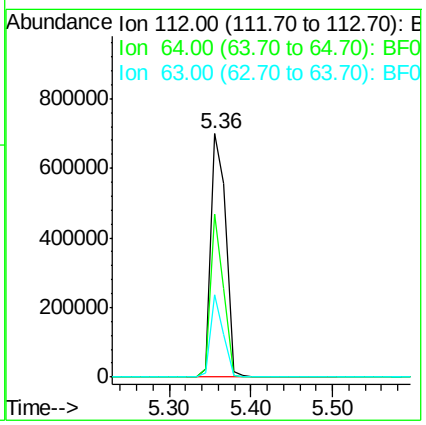


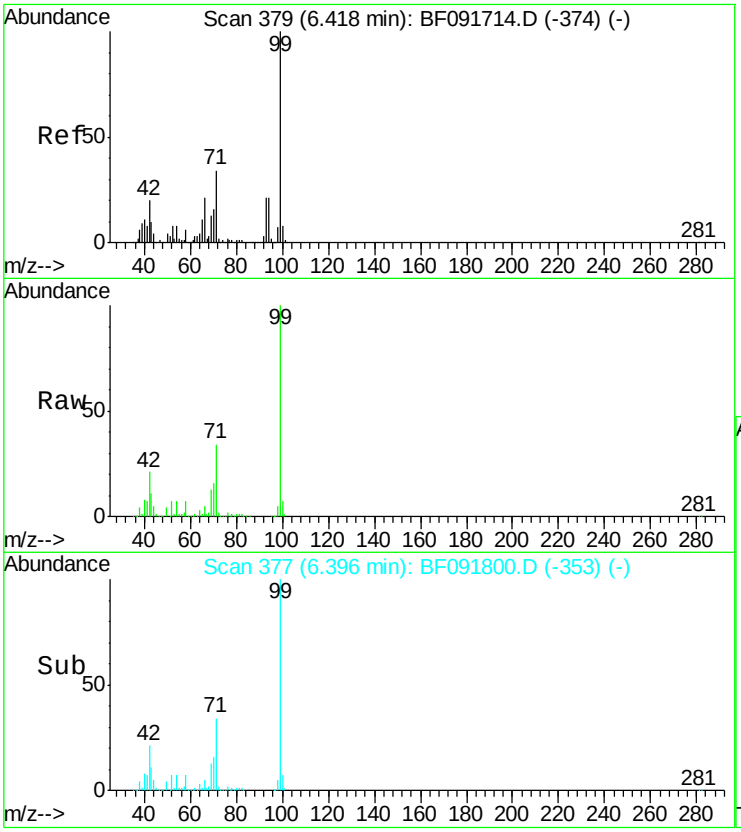


#5
2-Fluorophenol
Concen: 66.70 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion:112 Resp: 898748

Ion	Ratio	Lower	Upper
112	100		
64	66.9	46.1	69.1
63	33.6	23.8	35.6



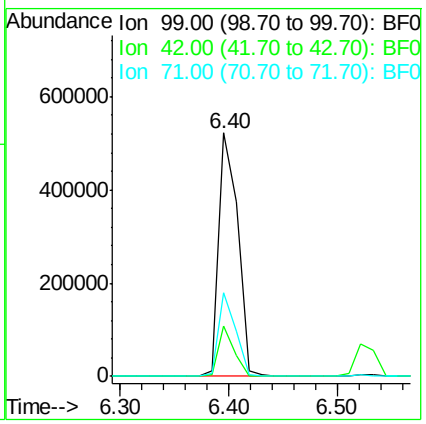


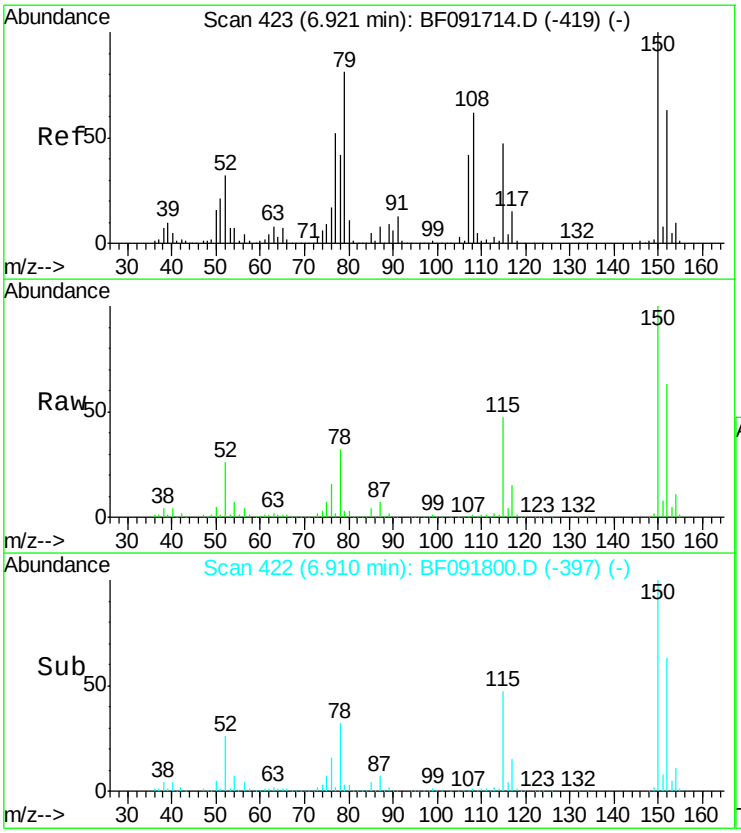
#7
Phenol-d6
Concen: 38.79 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion: 99 Resp: 637448

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.6	23.4
71	34.4	27.5	41.3

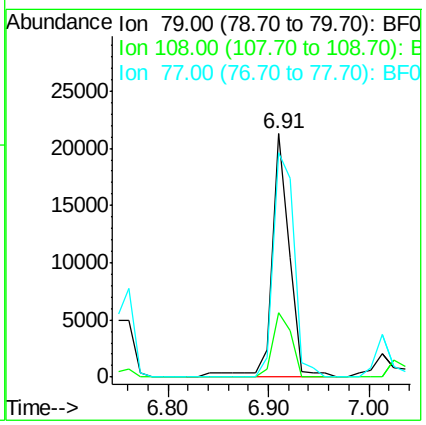


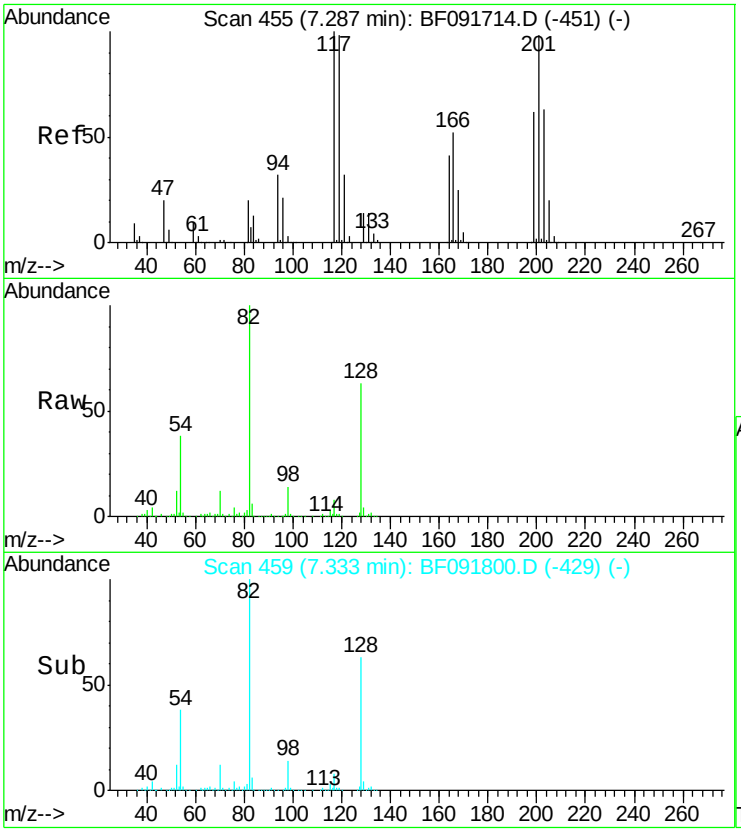


#15
Benzyl Alcohol
Concen: 2.01 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion: 79 Resp: 25607

Ion	Ratio	Lower	Upper
79	100		
108	26.6	61.4	92.0#
77	92.0	50.9	76.3#



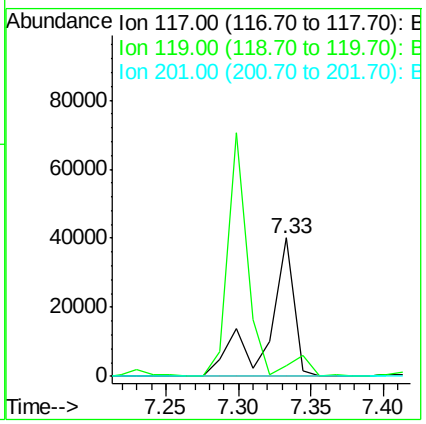


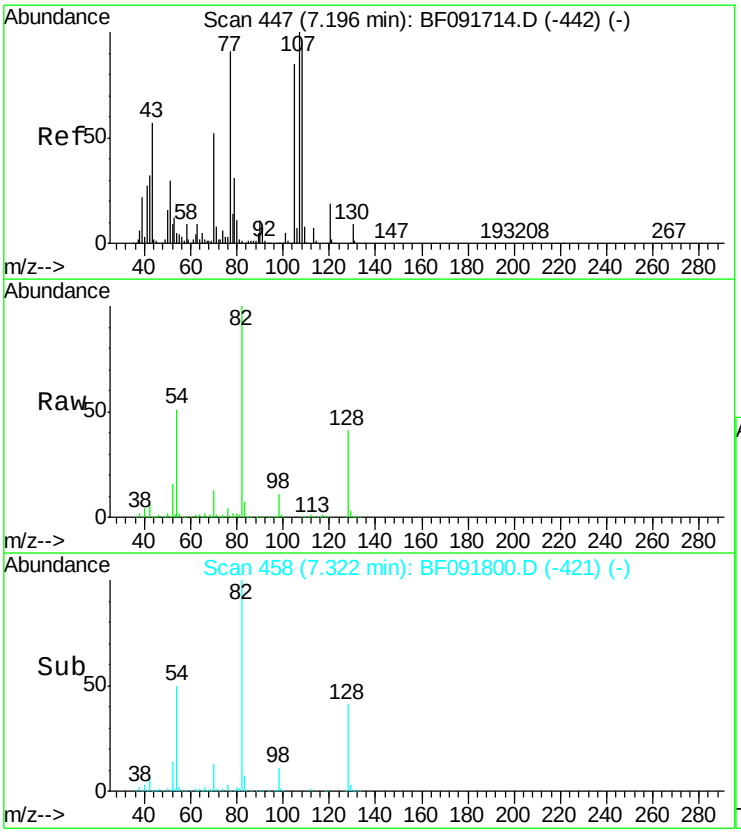
#18
Hexachloroethane
Concen: 8.11 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.05 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion:117 Resp: 49635

Ion	Ratio	Lower	Upper
117	100		
119	8.0	78.1	117.1#
201	0.0	78.6	117.8#

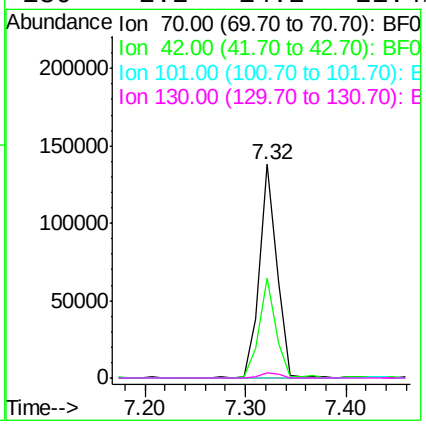


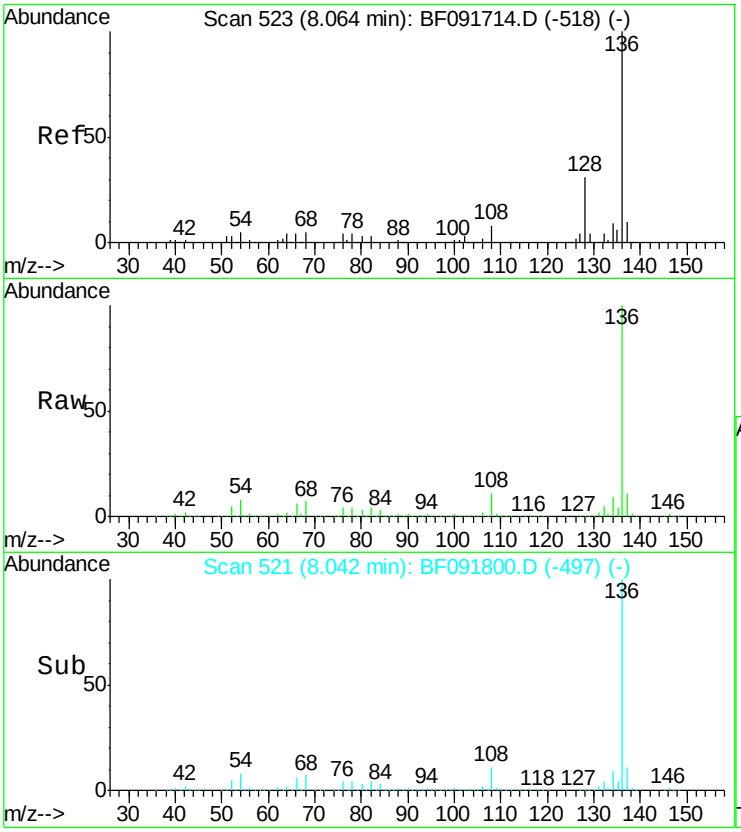


#19
n-Nitroso-di-n-propylamine
Concen: 15.32 ng
RT: 7.32 min Scan# 458
Delta R.T. 0.13 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion: 70 Resp: 167437

Ion	Ratio	Lower	Upper
70	100		
42	46.9	49.4	74.0#
101	0.0	7.4	11.2#
130	2.2	14.2	21.4#



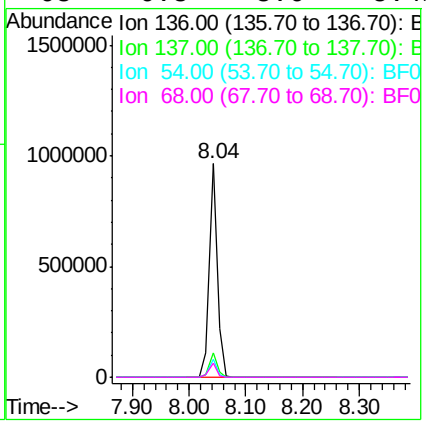


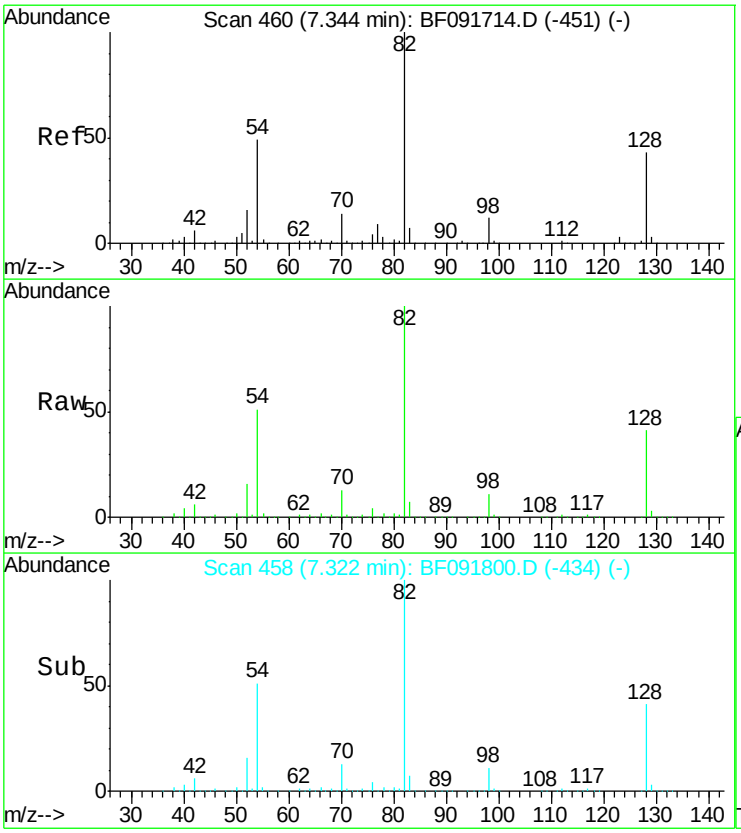
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion:136 Resp: 902662

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	8.5	4.5	6.7#
68	6.8	3.6	5.4#

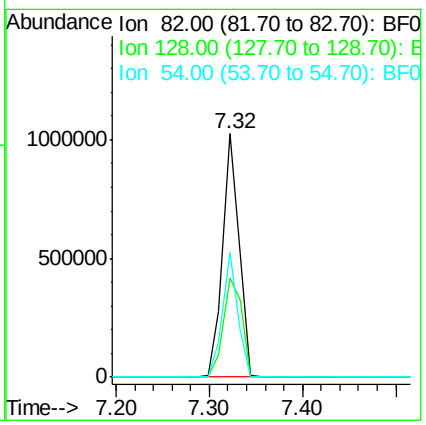


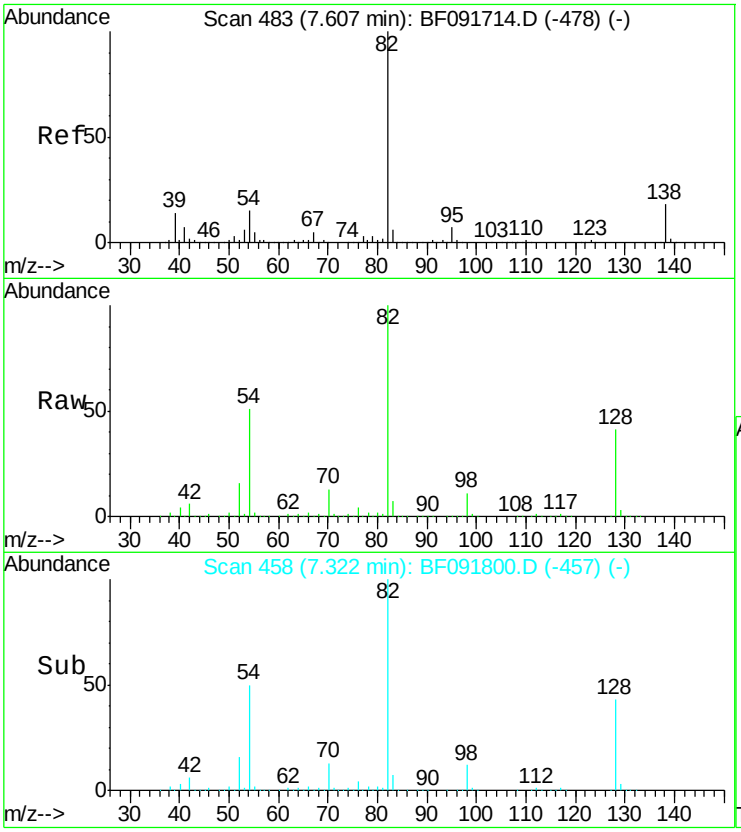


#23
Nitrobenzene-d5
Concen: 81.04 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion: 82 Resp: 1268445

Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	51.0	39.5	59.3



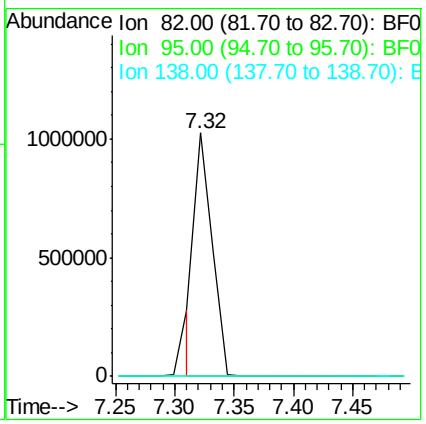


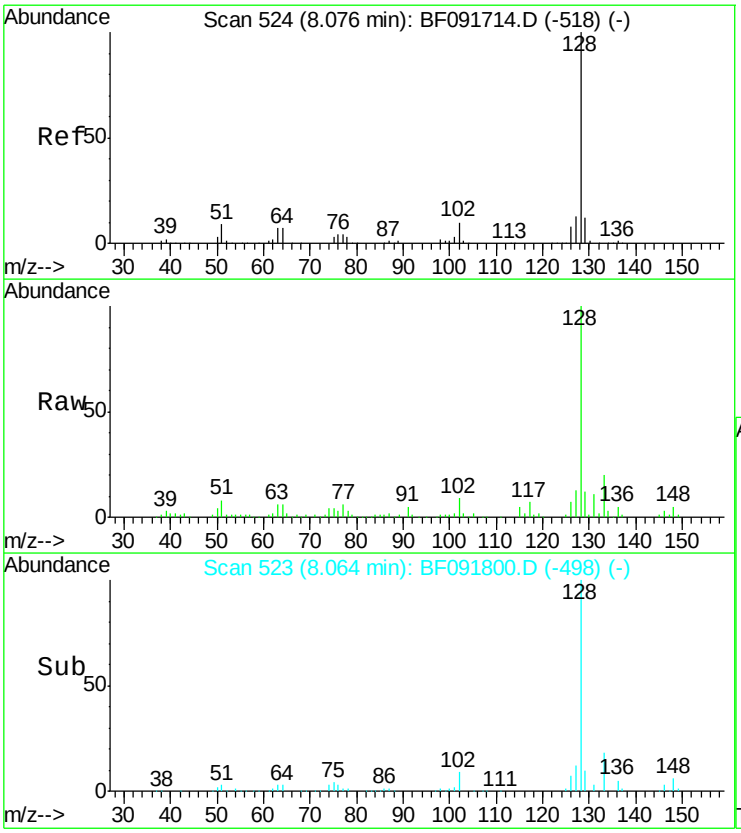
#25
Isophorone
Concen: 35.65 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.29 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion: 82 Resp: 1064605

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

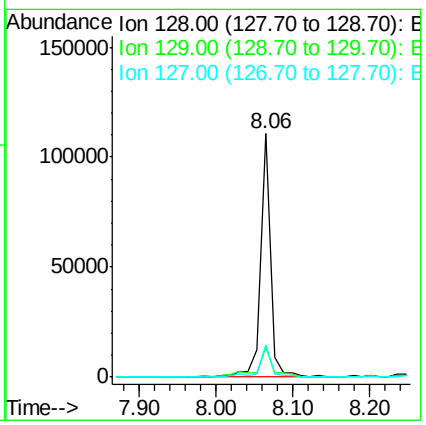


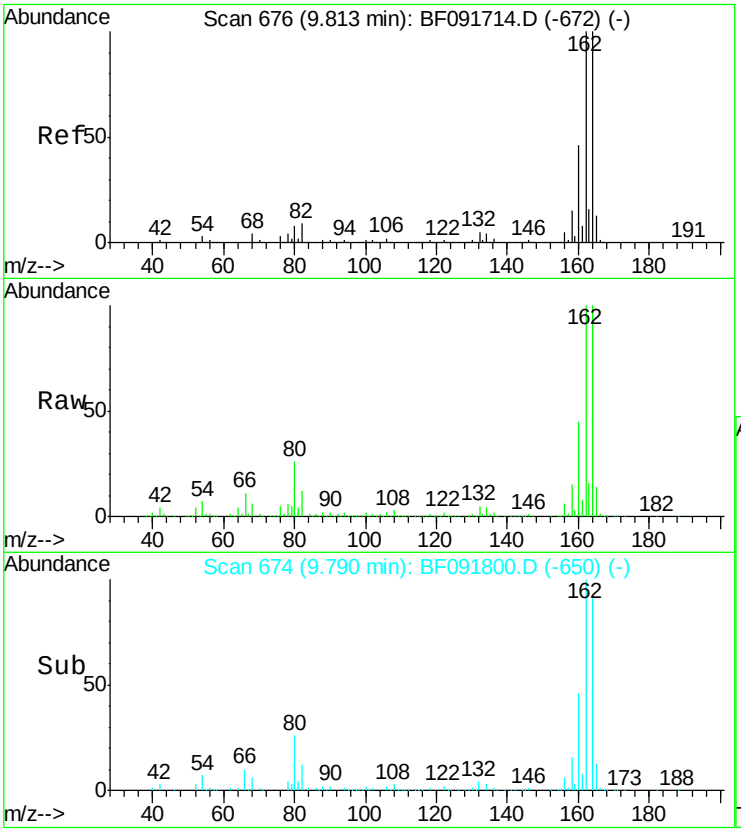


#31
Naphthalene
Concen: 2.32 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion:128 Resp: 100092

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.5	14.3
127	13.3	10.8	16.2



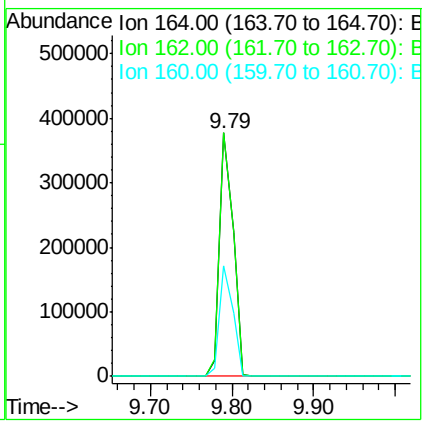


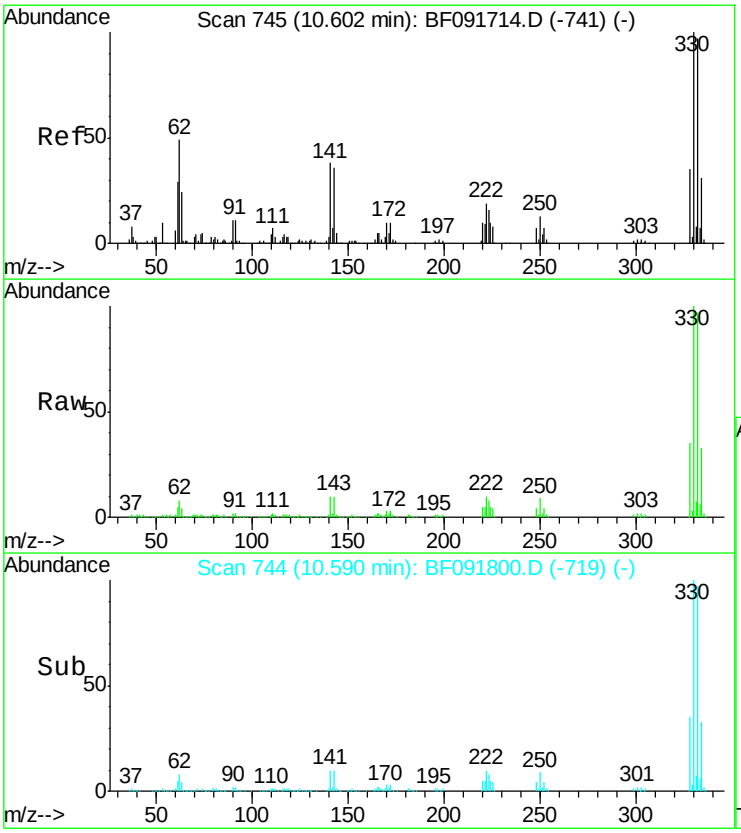
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion:164 Resp: 434449

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	45.5	36.9	55.3

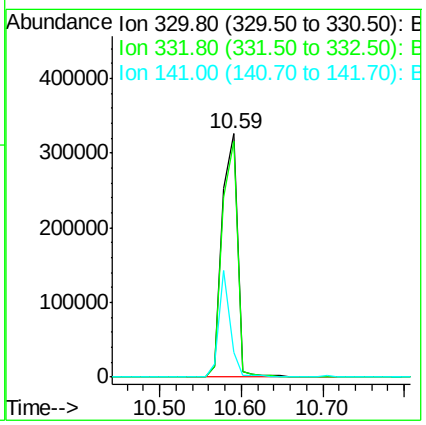


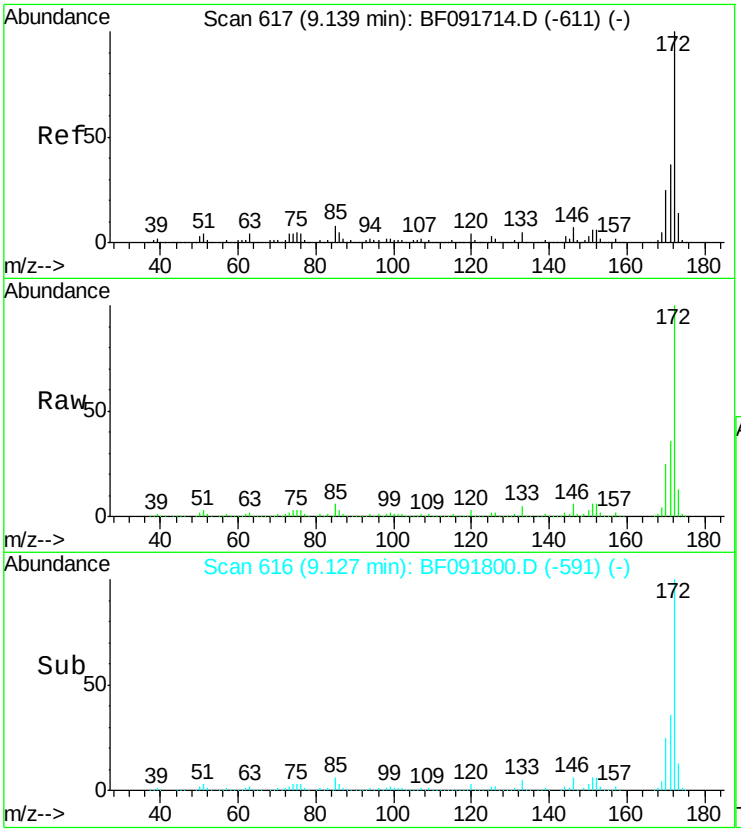


#41
2,4,6-Tribromophenol
Concen: 114.56 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion:330 Resp: 422046

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	32.7	34.1	51.1#



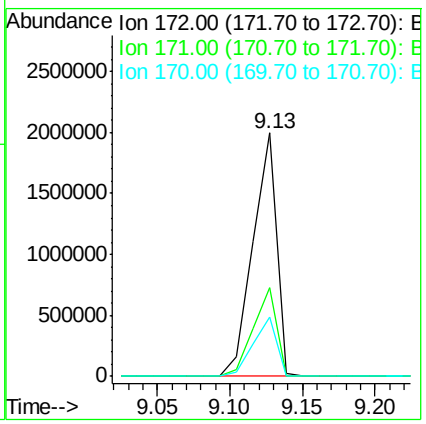


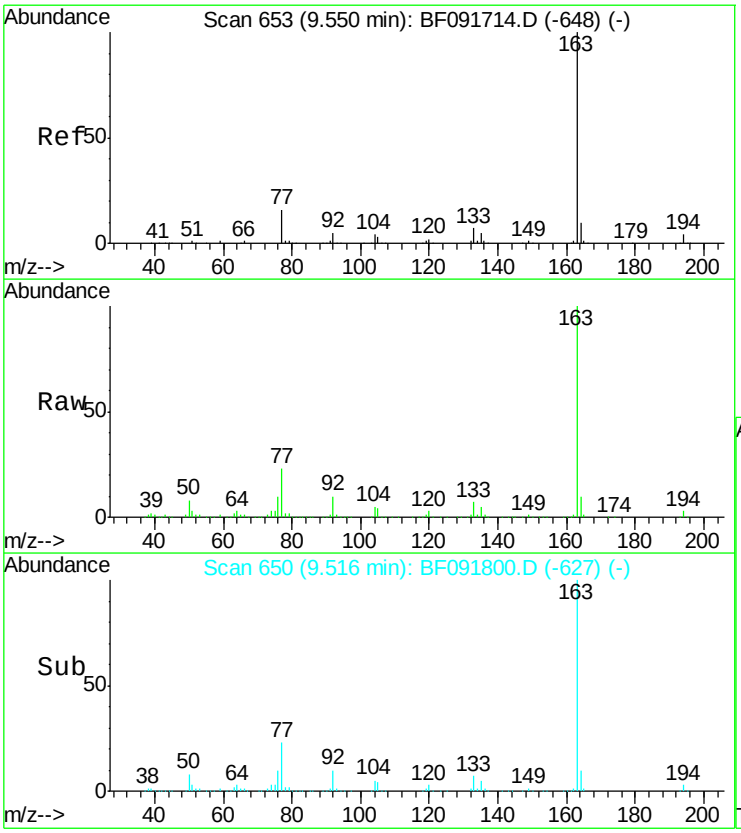
#44
2-Fluorobiphenyl
Concen: 105.02 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion:172 Resp: 2270982

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.6	20.2	30.4

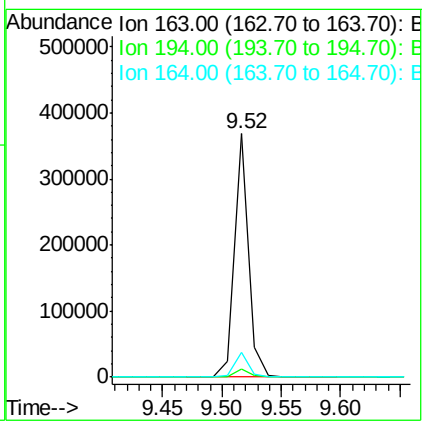


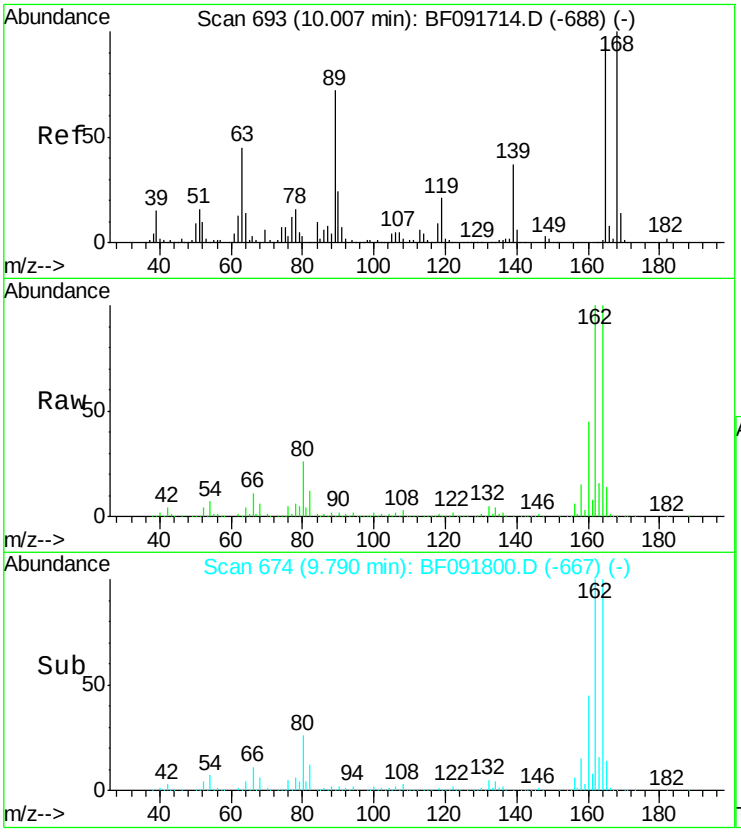


#49
Dimethylphthalate
Concen: 10.78 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion:163 Resp: 306008

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.0	8.0	12.0



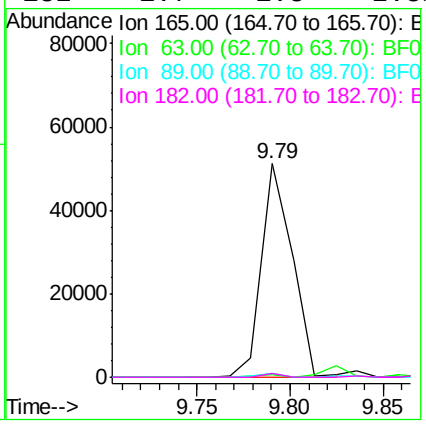


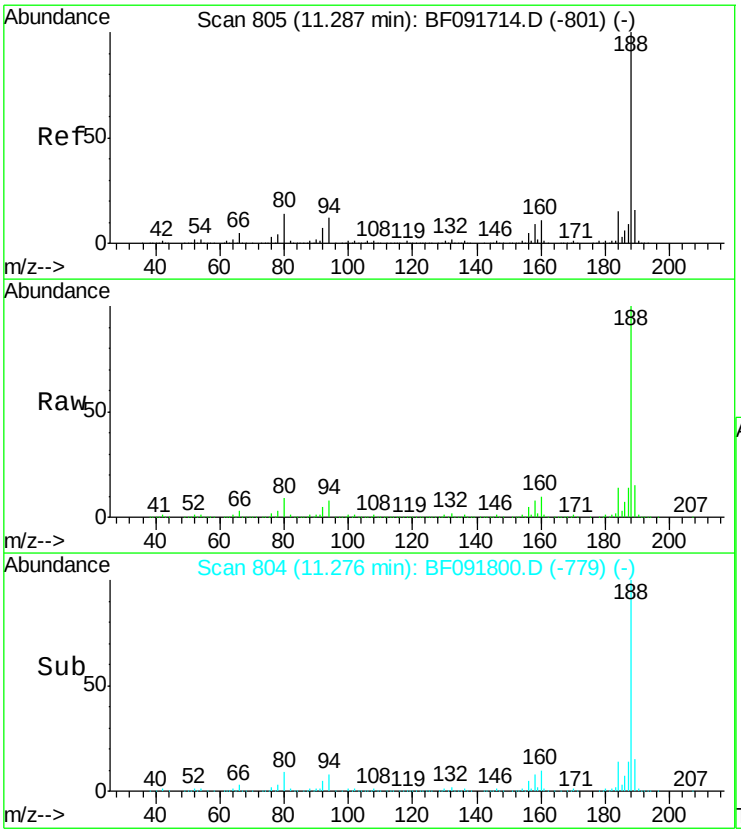
#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.22 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion:165 Resp: 58182

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.7	62.5	93.7#
182	1.7	1.8	2.8#

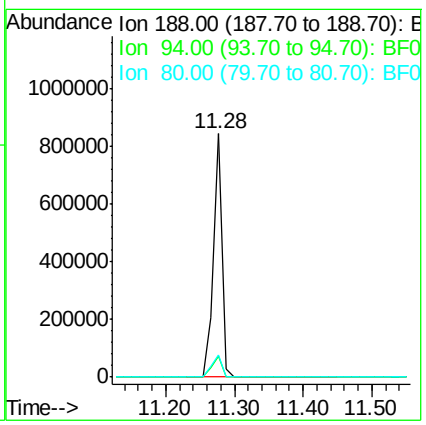


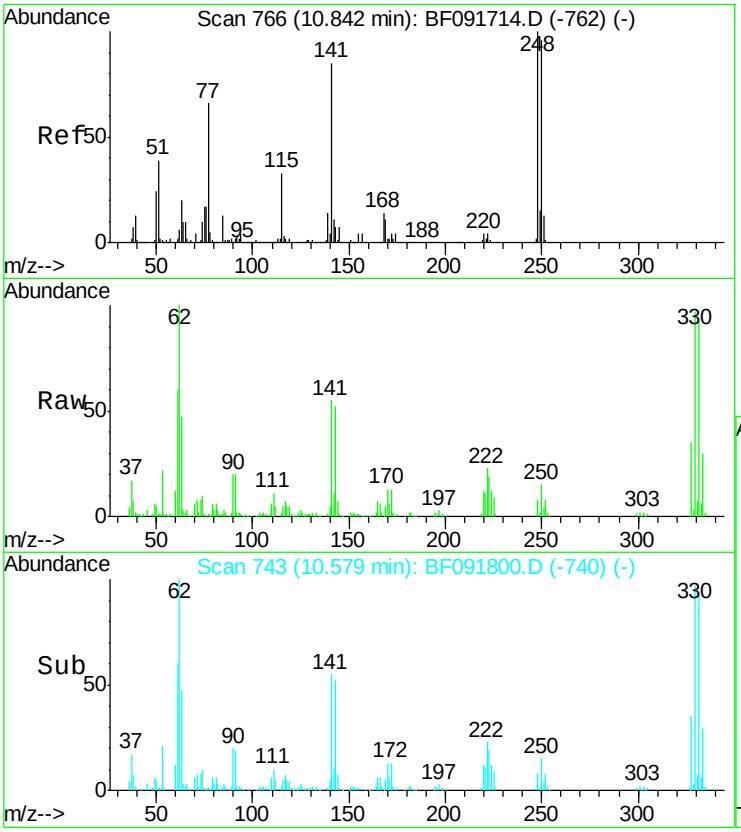


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion:188 Resp: 751270

Ion	Ratio	Lower	Upper
188	100		
94	8.4	10.0	15.0#
80	9.1	11.2	16.8#



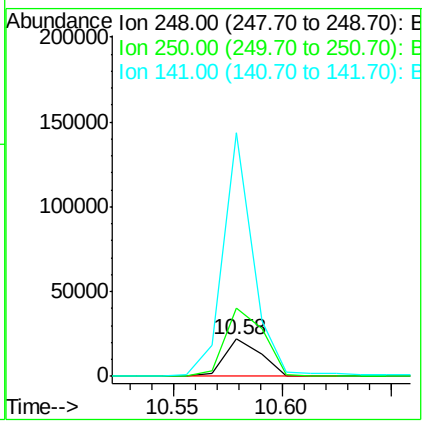


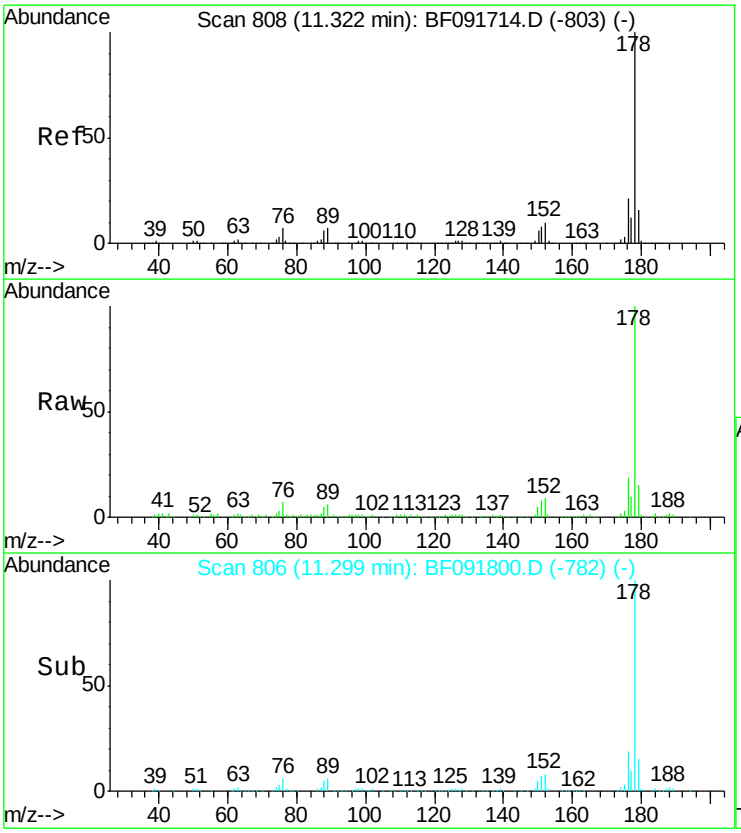
#66
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.26 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion:248 Resp: 25327

Ion	Ratio	Lower	Upper
248	100		
250	184.5	76.9	115.3#
141	654.2	68.2	102.4#

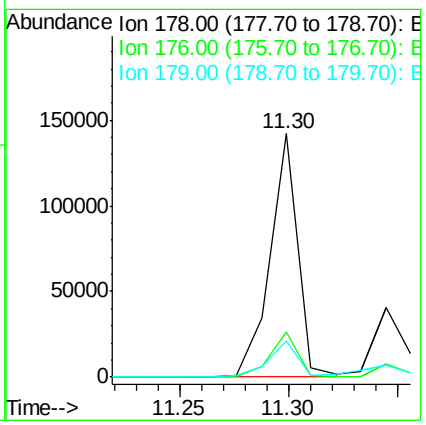


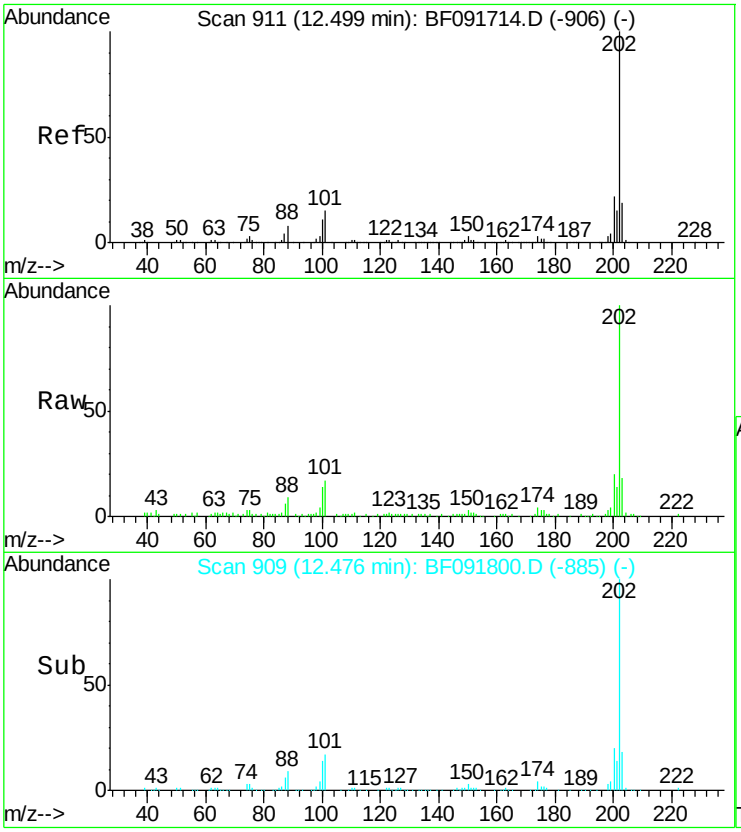


#70
Phenanthrene
Concen: 3.37 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion:178 Resp: 126636

Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.6	25.0
179	15.1	12.8	19.2



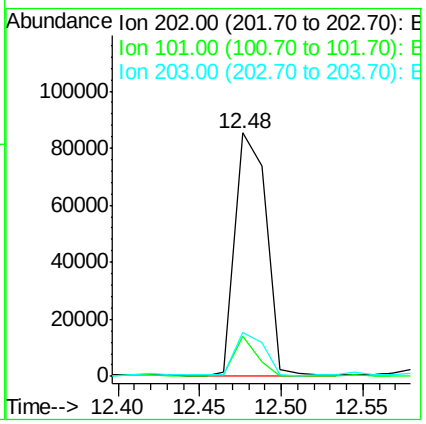


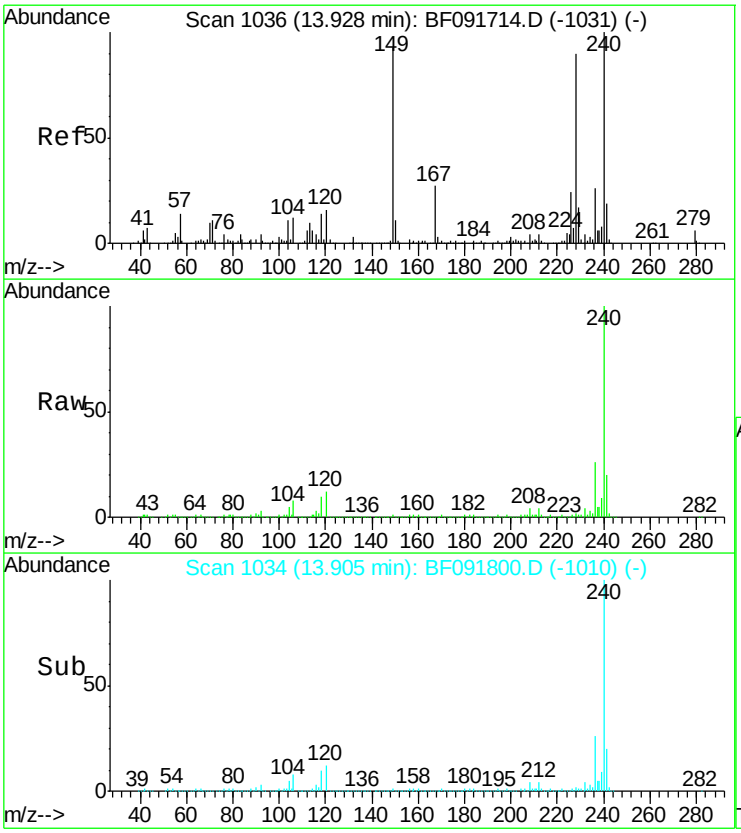
#74
Fluoranthene
Concen: 2.86 ng
RT: 12.48 min Scan# 909
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion:202 Resp: 112046

Ion	Ratio	Lower	Upper
202	100		
101	16.5	0.0	34.6
203	18.2	0.0	38.7

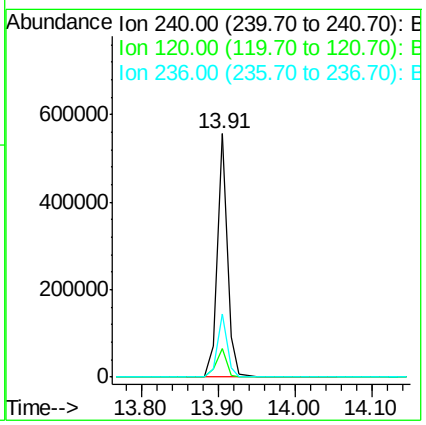


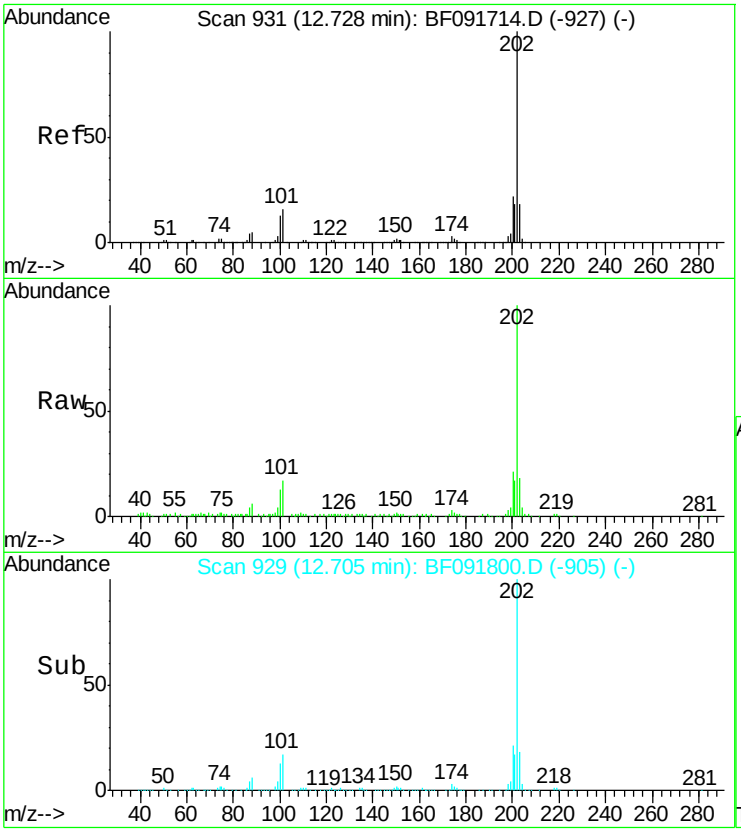


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion:240 Resp: 507286

Ion	Ratio	Lower	Upper
240	100		
120	11.8	12.9	19.3#
236	26.0	20.9	31.3



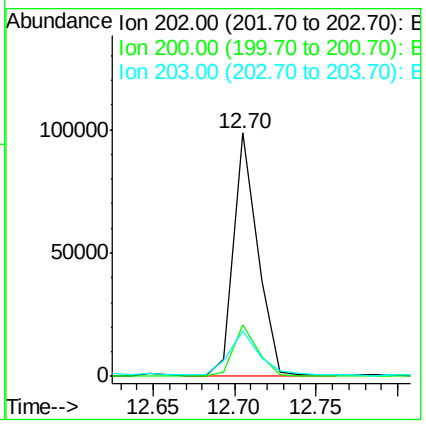


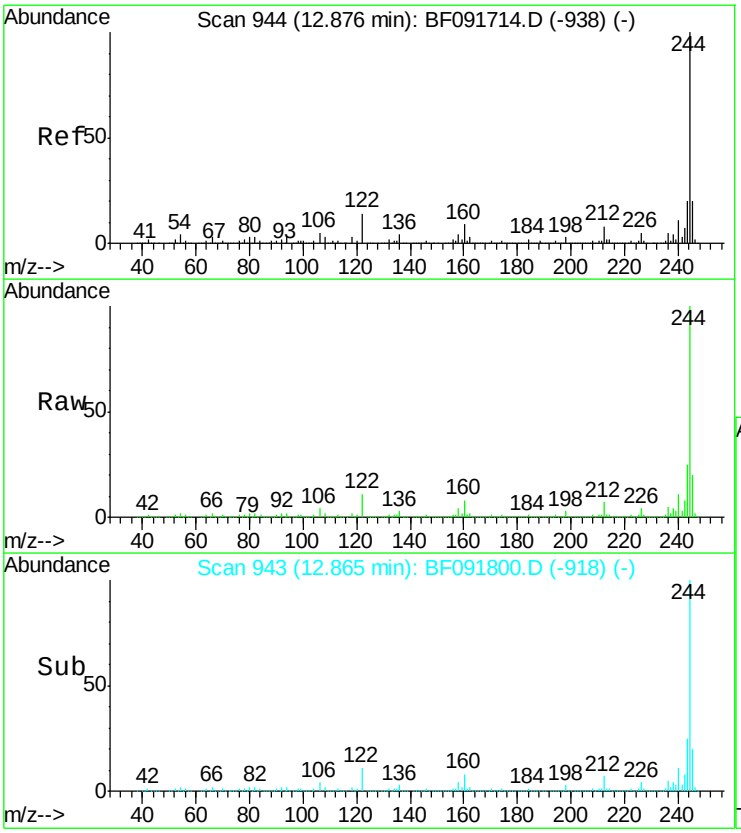
#77
Pyrene
Concen: 2.74 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion:202 Resp: 100240

Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.7	26.5
203	18.4	14.7	22.1

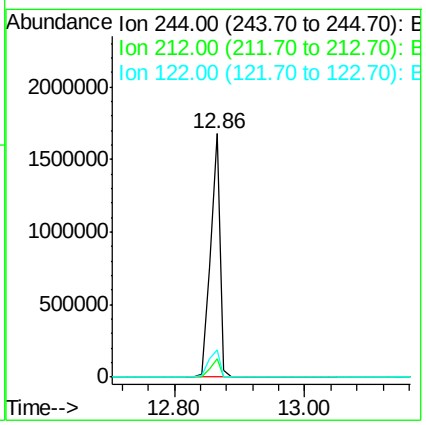


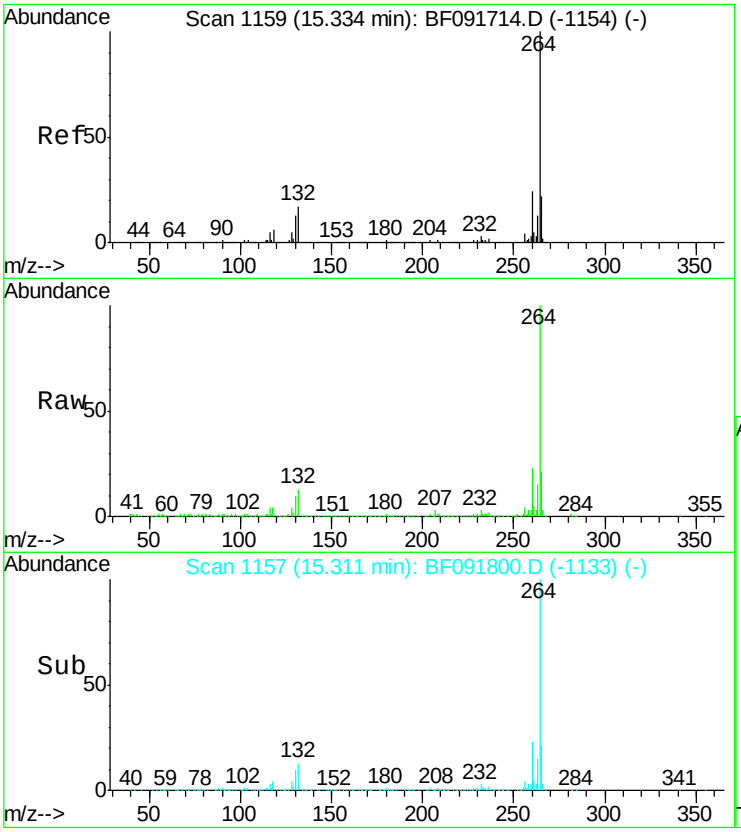


#78
Terphenyl-d14
Concen: 86.12 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion:244 Resp: 1730184

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	11.2	11.4	17.2#



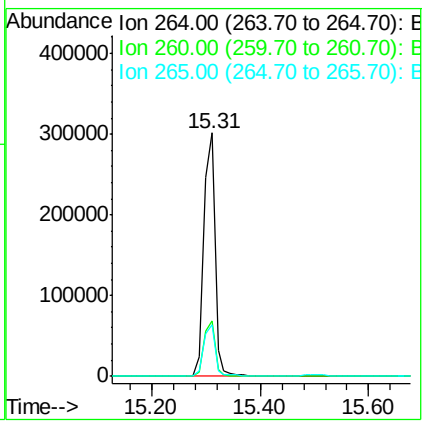


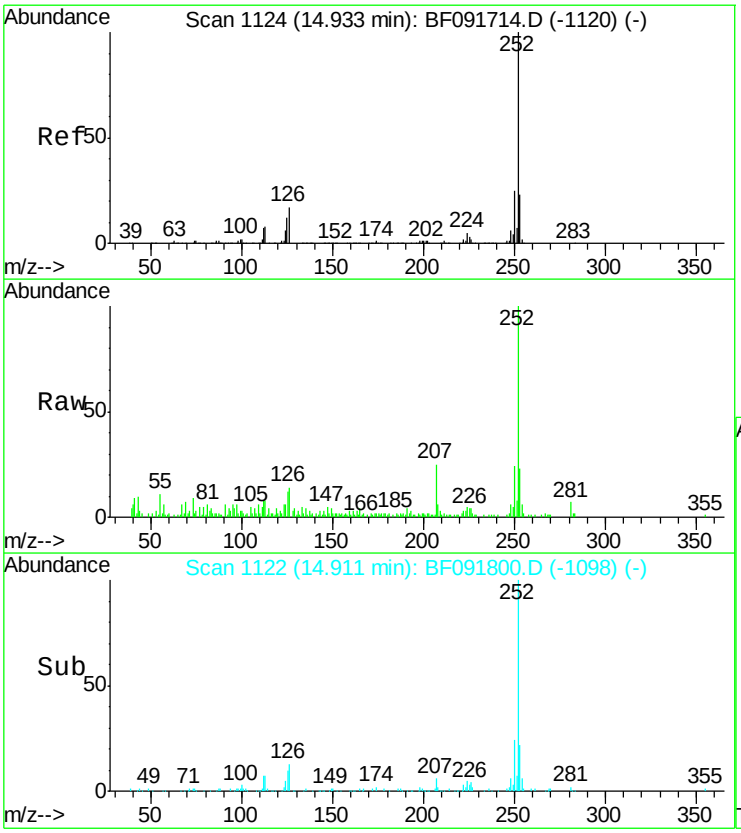
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1157
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion:264 Resp: 431193

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.4	17.4	26.0

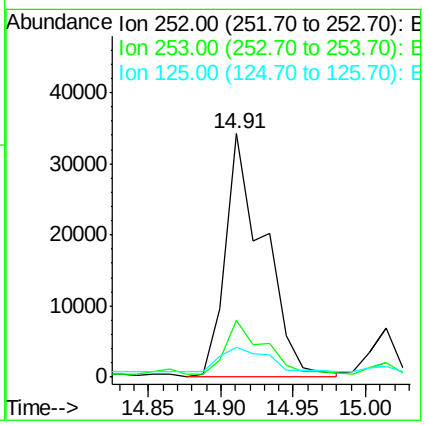


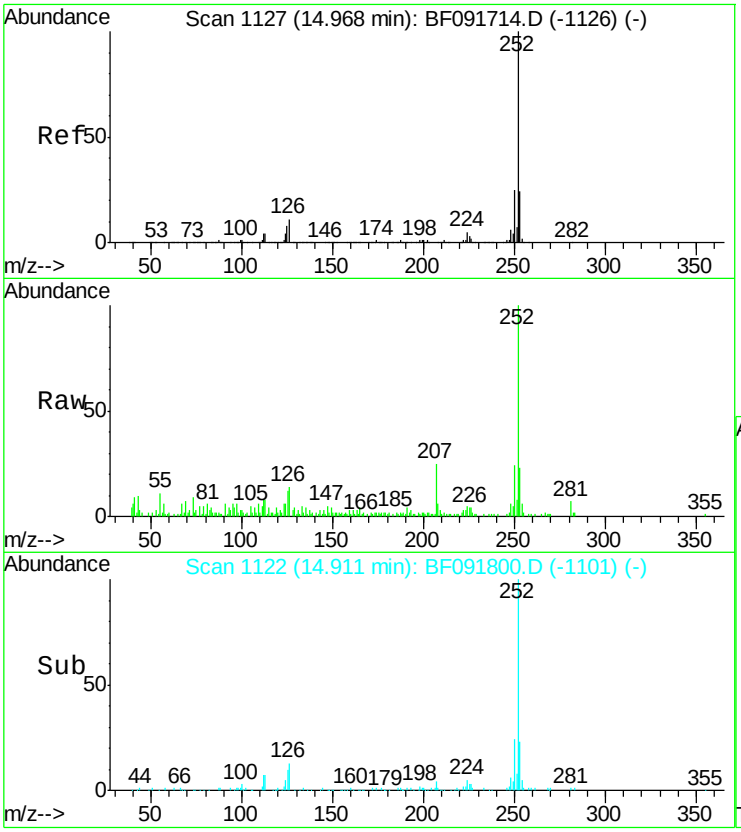


#87
Benzo(b)fluoranthene
Concen: 2.31 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Tgt Ion:252 Resp: 63187

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.4
125	12.4	9.8	14.6





#88
Benzo(k)fluoranthene
Concen: 3.29 ng
RT: 14.91 min Scan# 1122
Delta R.T. -0.06 min
Lab File: BF091800.D
Acq: 20 Dec 2016 3:43

Instrument :
BNA_F
ClientSampleId :
SBW-1

Tgt Ion:252 Resp: 63187

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.5	27.7
125	12.4	8.9	13.3