Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091582.D
Acq On : 14 Dec 2016 13:29
Operator : UM/SJ
Sample : H5961-01DL2 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : QNWP8-MW26S-GWDL2

Quant Time: Dec 15 00:36:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	266594	20.00	ng	-0.02
21) Naphthalene-d8	8.09	136	1119476	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	520191	20.00	ng	-0.02
63) Phenanthrene-d10	11.32	188	818262	20.00	ng	-0.01
75) Chrysene-d12	13.95	240	569758	20.00	ng	-0.01
86) Perylene-d12	15.37	264	530845	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	42255	2.67	ng	-0.02
7) Phenol-d6	6.43	99	38395	1.95	ng	-0.02
23) Nitrobenzene-d5	7.36	82	79554	3.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	30732	7.11	ng	-0.01
44) 2-Fluorobiphenyl	9.16	172	163592	5.43	ng	-0.02
78) Terphenyl-d14	12.91	244	83930	3.34	ng	-0.01
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.74	122	63571	3.87	ng	94
31) Naphthalene	8.11	128	2624434	50.39	ng	99
37) 2-Methylnaphthalene	8.80	142	80586	2.39	ng	97
45) 1,1'-Biphenyl	9.26	154	127154	3.37	ng	94
51) Acenaphthene	9.87	154	289851	9.38	ng	96
54) Dibenzofuran	10.04	168	272622	7.13	ng	98
70) Phenanthrene	11.34	178	300375	7.41	ng	99
72) Carbazole	11.55	167	131327	3.43	ng	98

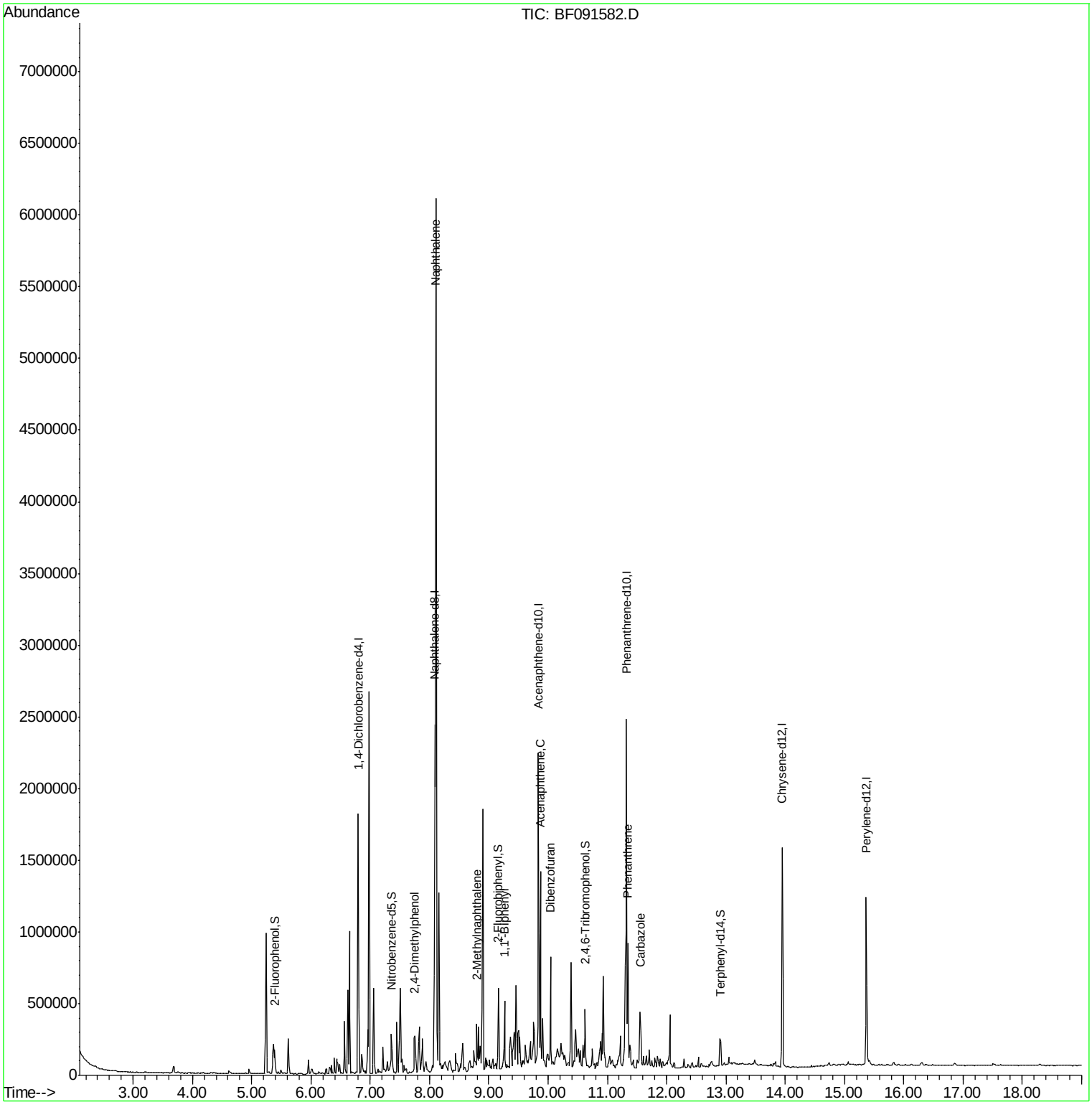
(#) = qualifier out of range (m) = manual integration (+) = signals summed

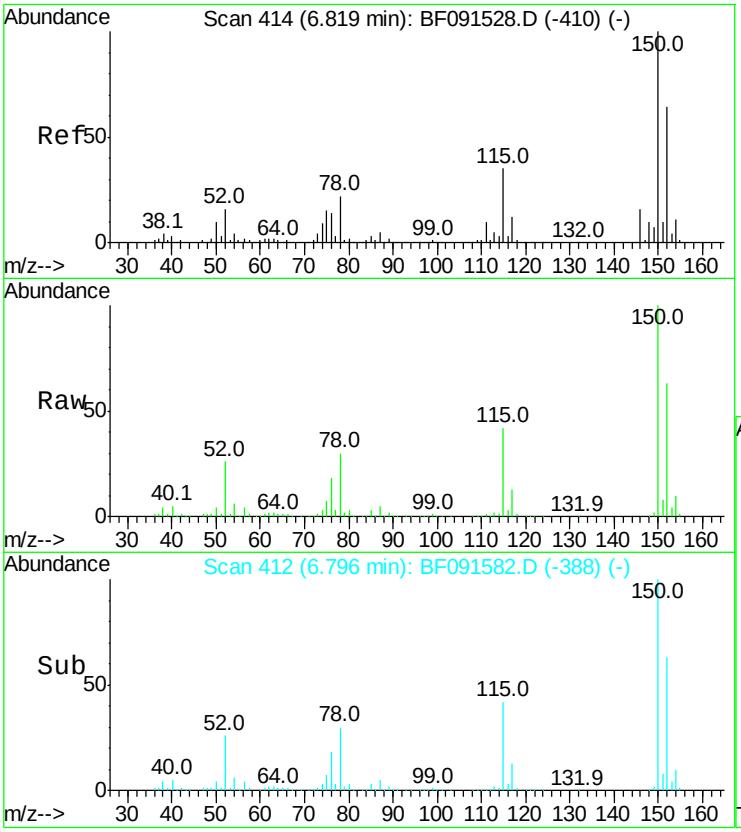
Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091582.D
Acq On : 14 Dec 2016 13:29
Operator : UM/SJ
Sample : H5961-01DL2 20X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Quant Time: Dec 15 00:36:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration



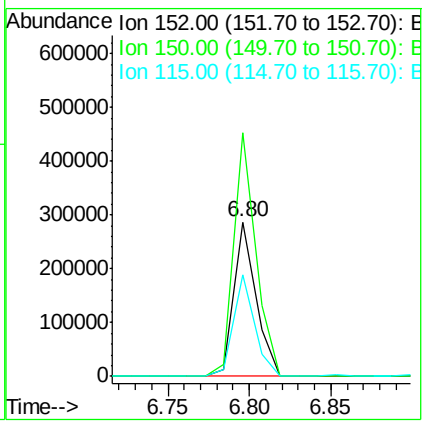


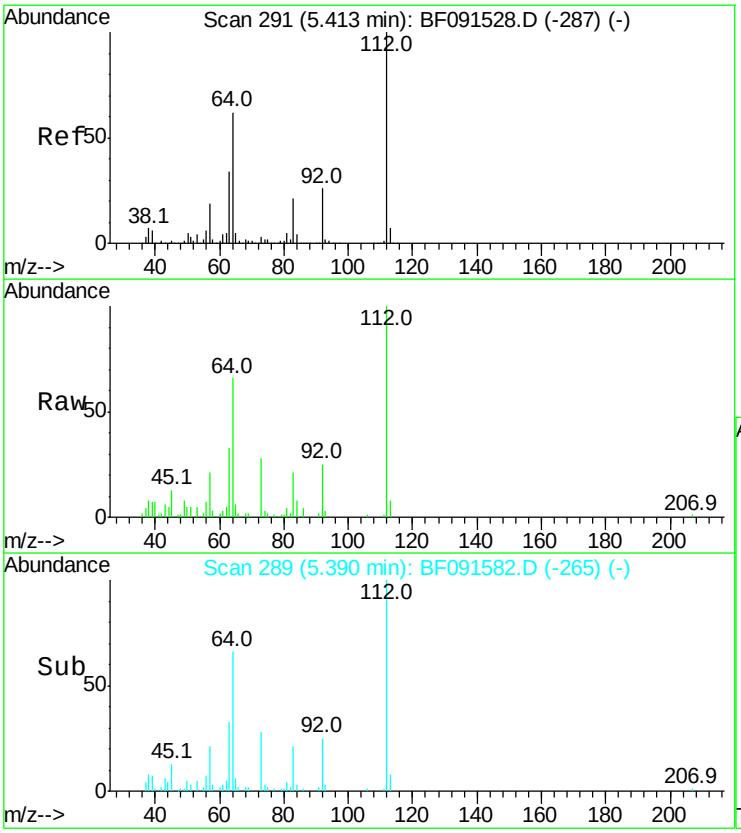
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.02 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:152 Resp: 266594

Ion	Ratio	Lower	Upper
152	100		
150	158.0	122.5	183.7
115	66.0	51.8	77.8

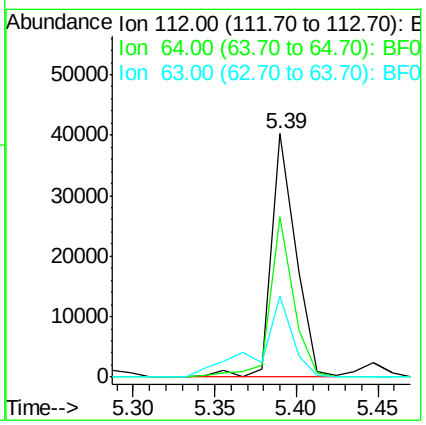


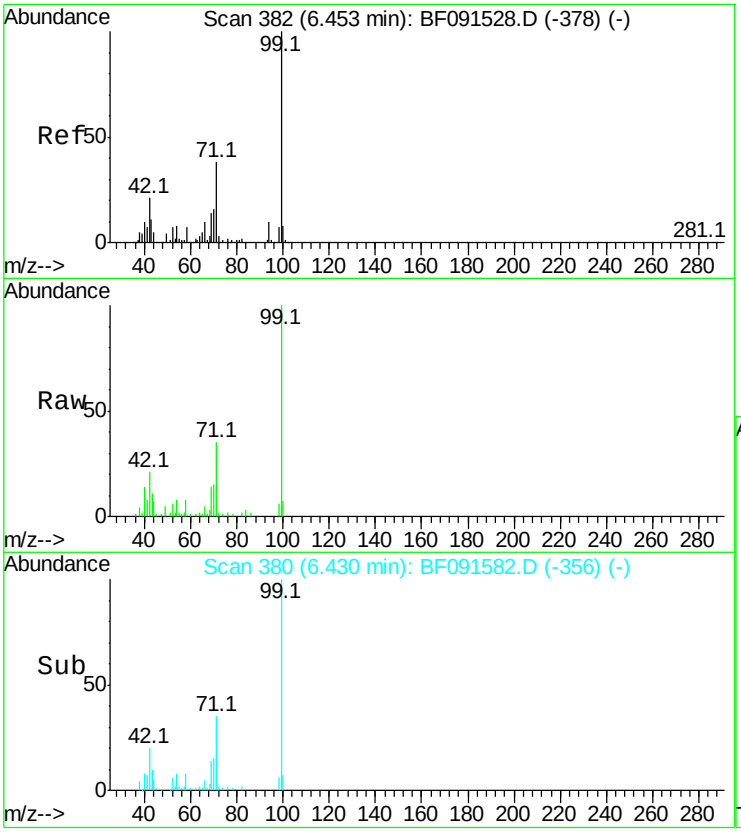


#5
2-Fluorophenol
Concen: 2.67 ng
RT: 5.39 min Scan# 289
Delta R.T. -0.02 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Tgt Ion:112 Resp: 42255

Ion	Ratio	Lower	Upper
112	100		
64	66.0	61.5	92.3
63	33.5	33.3	49.9



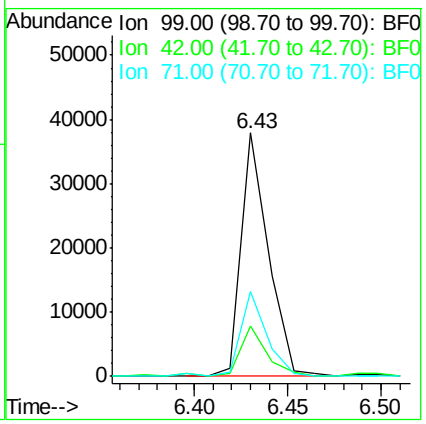


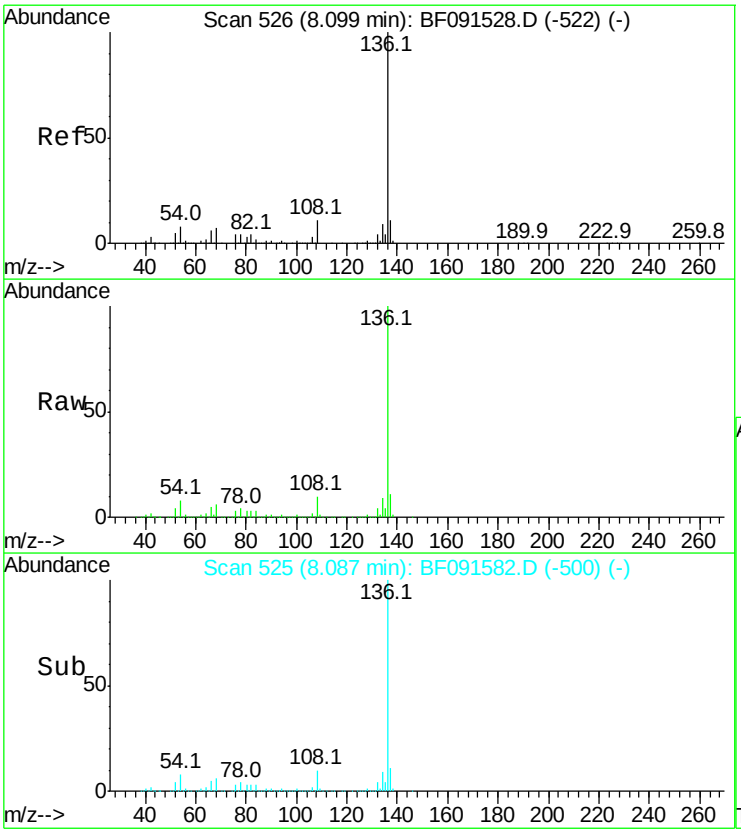
#7
Phenol-d6
Concen: 1.95 ng
RT: 6.43 min Scan# 380
Delta R.T. -0.02 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion: 99 Resp: 38395

Ion	Ratio	Lower	Upper
99	100		
42	20.6	20.6	31.0#
71	34.8	29.9	44.9

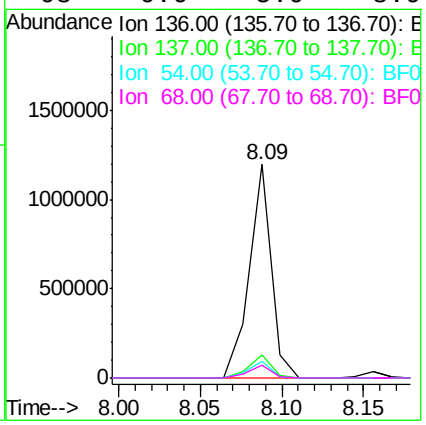


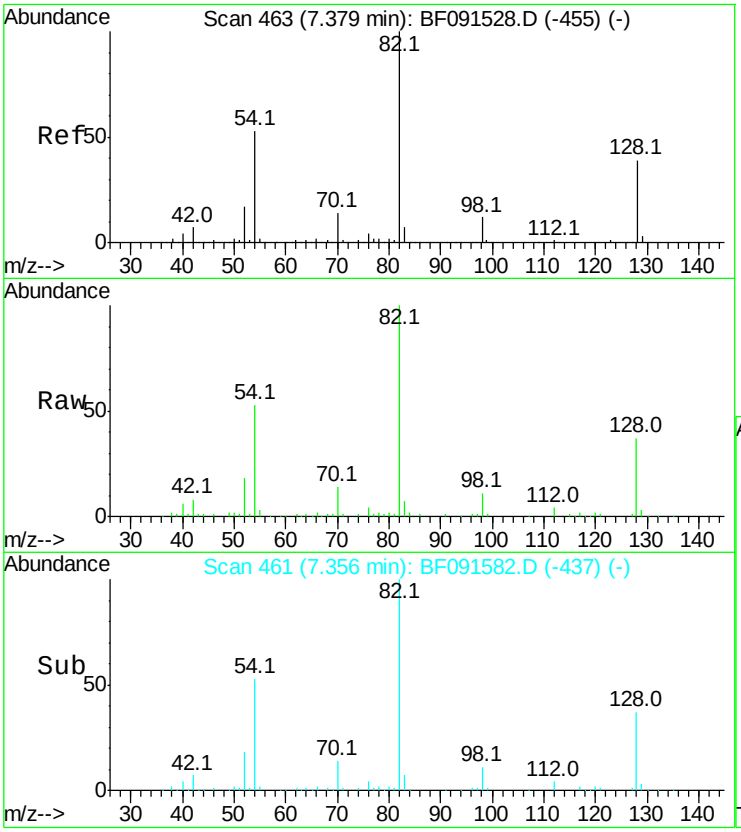


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Tgt Ion:136 Resp: 1119476

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	7.7	9.1	13.7#
68	6.0	5.9	8.9



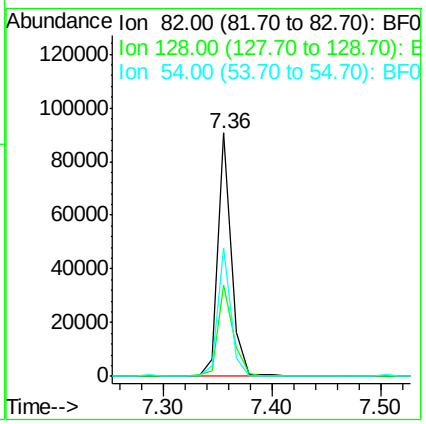


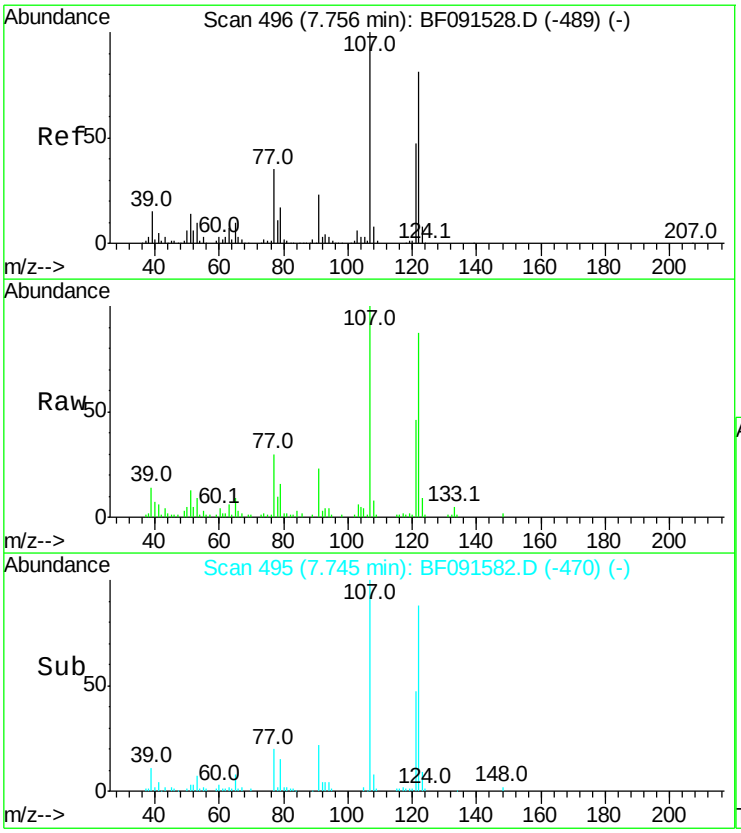
#23
Nitrobenzene-d5
Concen: 3.97 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion: 82 Resp: 79554

Ion	Ratio	Lower	Upper
82	100		
128	37.5	31.8	47.6
54	53.0	49.1	73.7

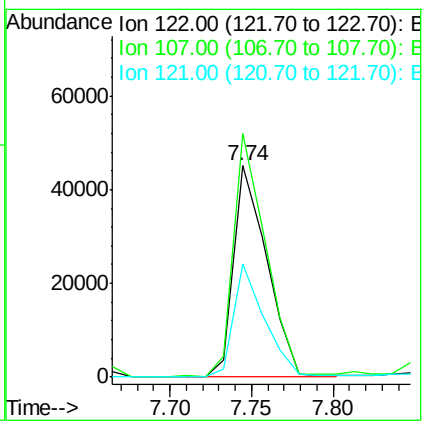


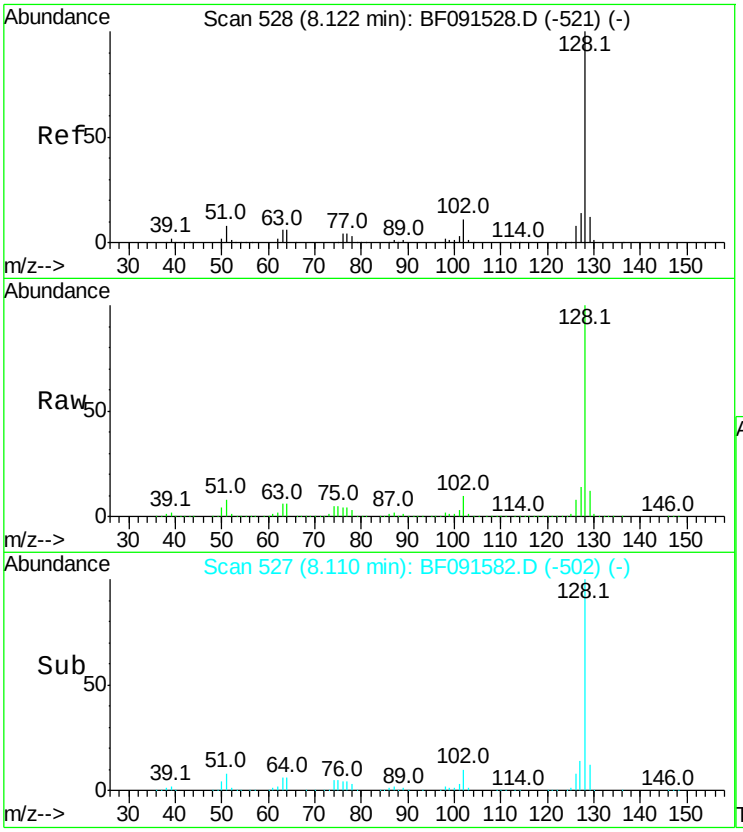


#27
2,4-Dimethylphenol
Concen: 3.87 ng
RT: 7.74 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Tgt Ion:122 Resp: 63571

Ion	Ratio	Lower	Upper
122	100		
107	115.1	96.8	145.2
121	53.3	47.7	71.5



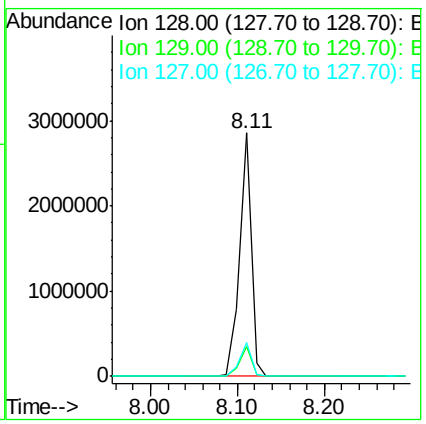


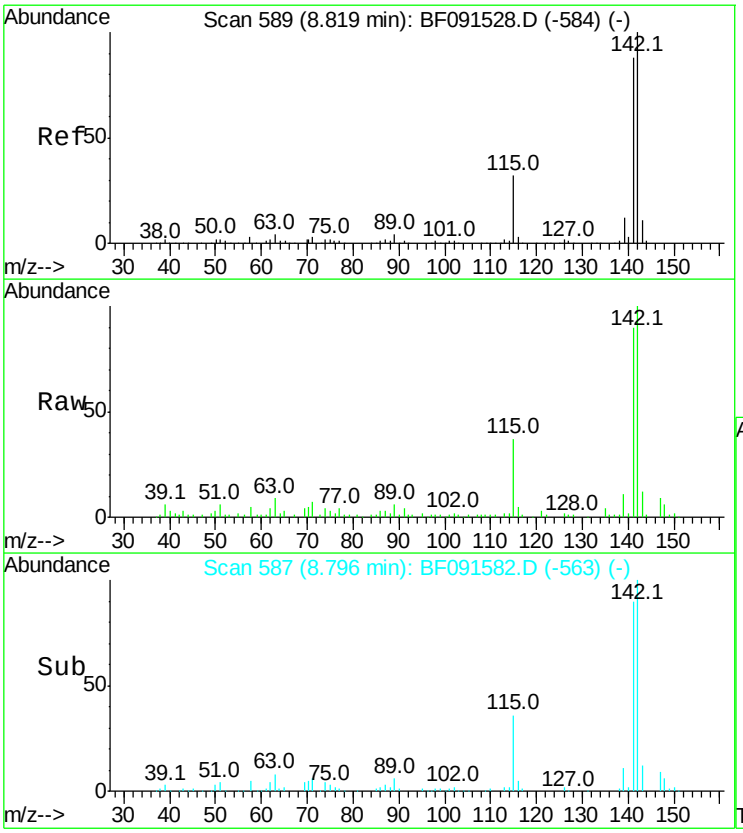
#31
Naphthalene
Concen: 50.39 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:128 Resp: 2624434

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.1	13.7
127	14.1	11.0	16.4

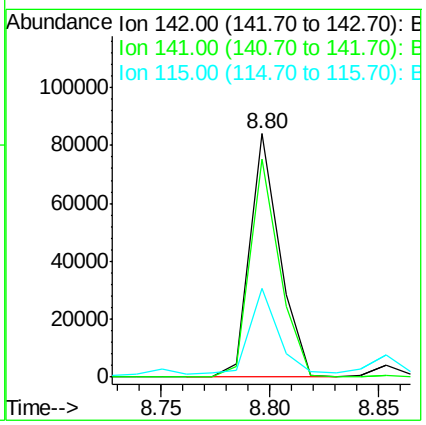


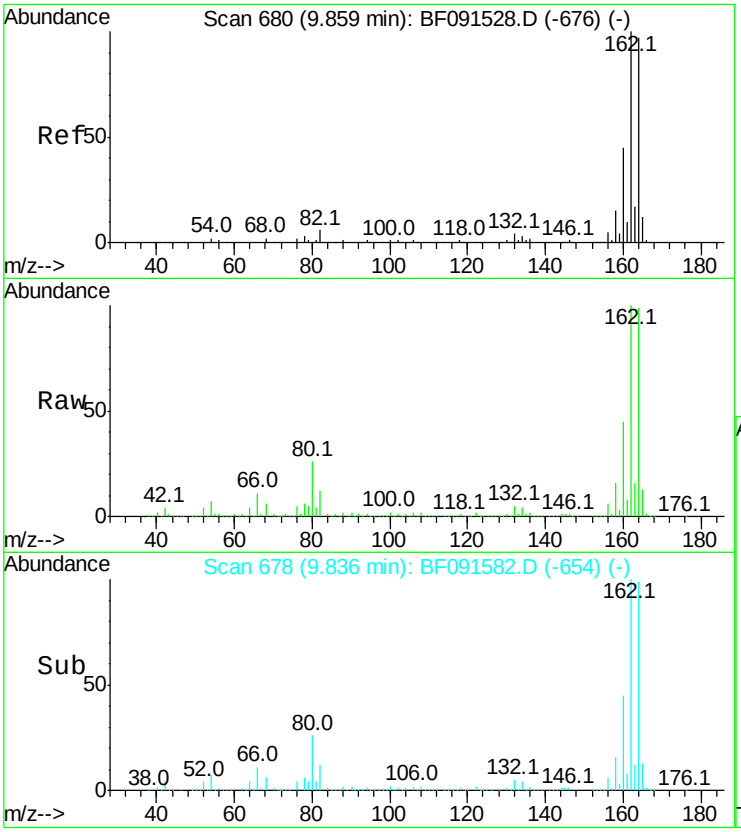


#37
2-Methylnaphthalene
Concen: 2.39 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.02 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Tgt Ion:142 Resp: 80586

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.7	107.5
115	36.7	25.0	37.6



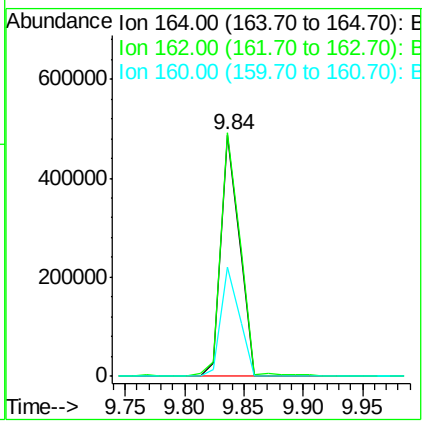


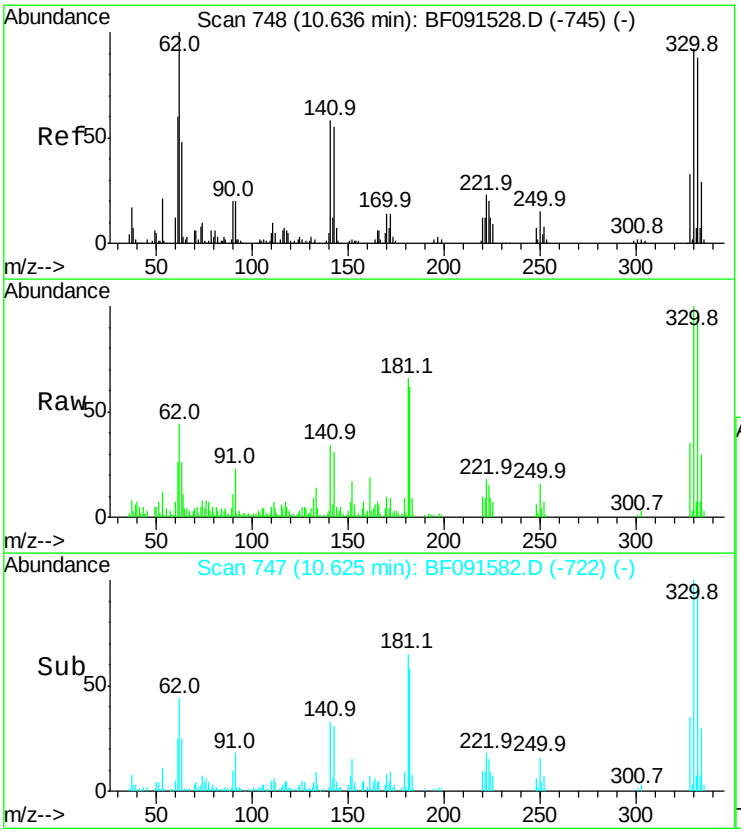
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.02 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:164 Resp: 520191

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	124.0
160	45.4	36.7	55.1

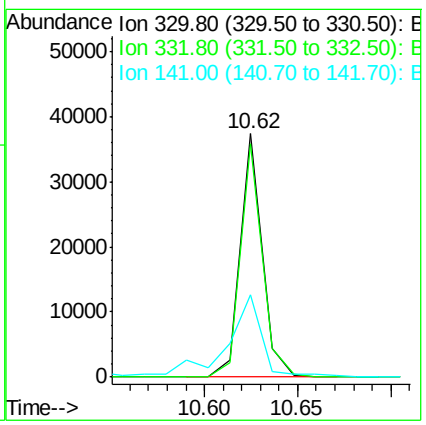


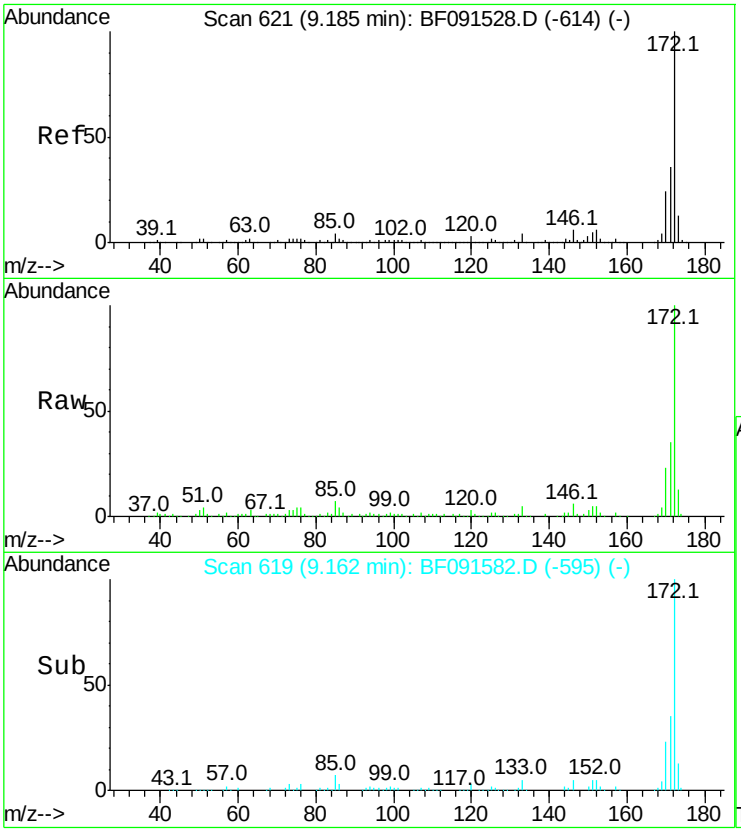


#41
2,4,6-Tribromophenol
Concen: 7.11 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Tgt Ion:330 Resp: 30732

Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.2	114.4
141	55.0	33.6	50.4#



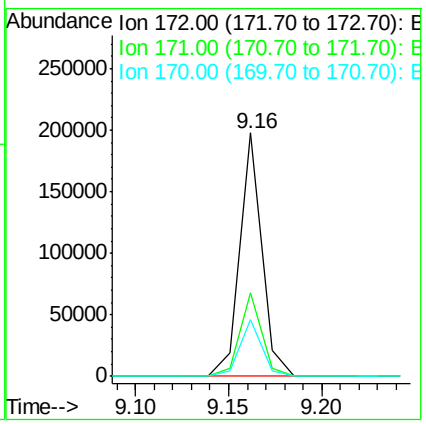


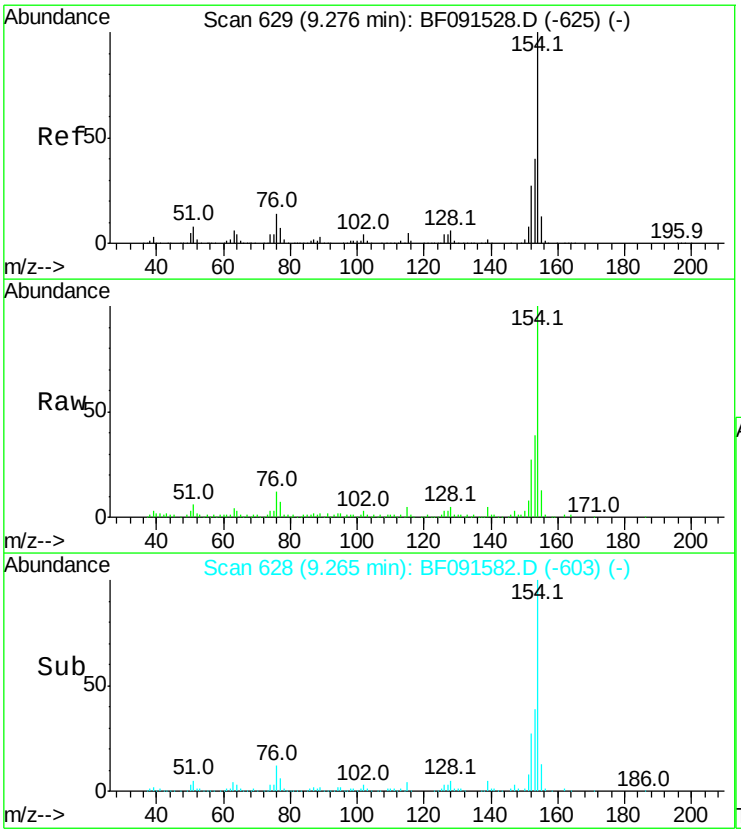
#44
2-Fluorobiphenyl
Concen: 5.43 ng
RT: 9.16 min Scan# 619
Delta R.T. -0.02 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:172 Resp: 163592

Ion	Ratio	Lower	Upper
172	100		
171	34.5	29.4	44.0
170	23.2	19.7	29.5

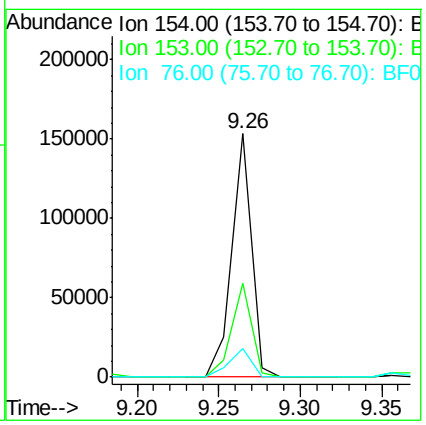


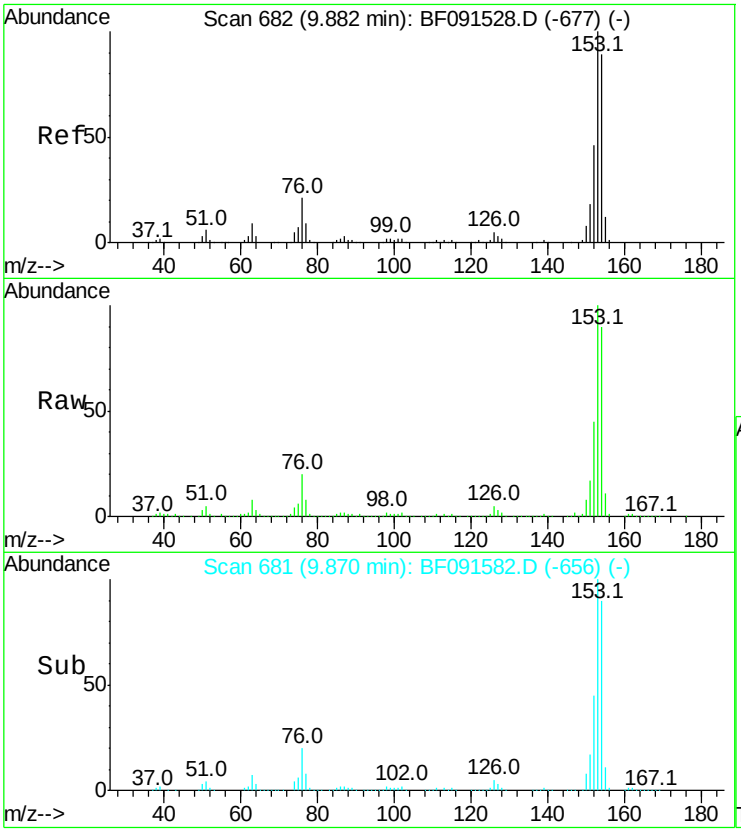


#45
1,1'-Biphenyl
Concen: 3.37 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Tgt Ion:154 Resp: 127154

Ion	Ratio	Lower	Upper
154	100		
153	38.7	20.6	60.6
76	11.6	0.0	36.6



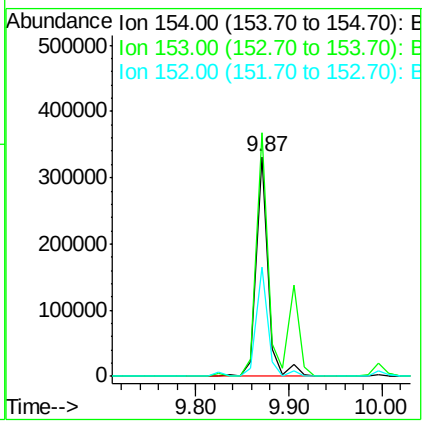


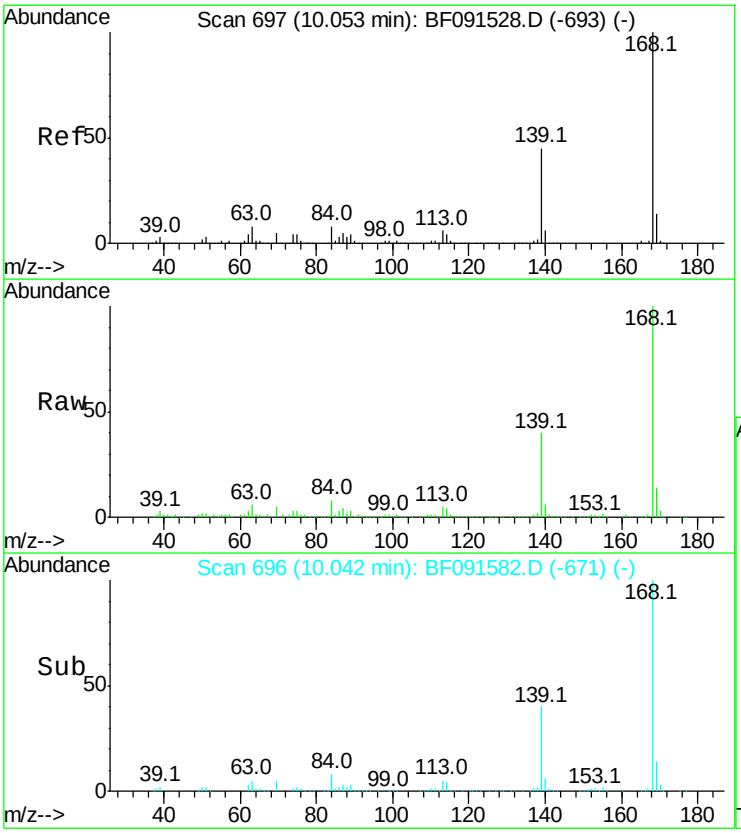
#51
Acenaphthene
Concen: 9.38 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:154 Resp: 289851

Ion	Ratio	Lower	Upper
154	100		
153	110.9	91.0	136.6
152	49.8	44.2	66.2

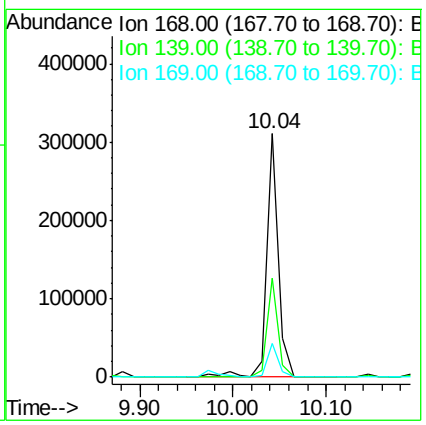


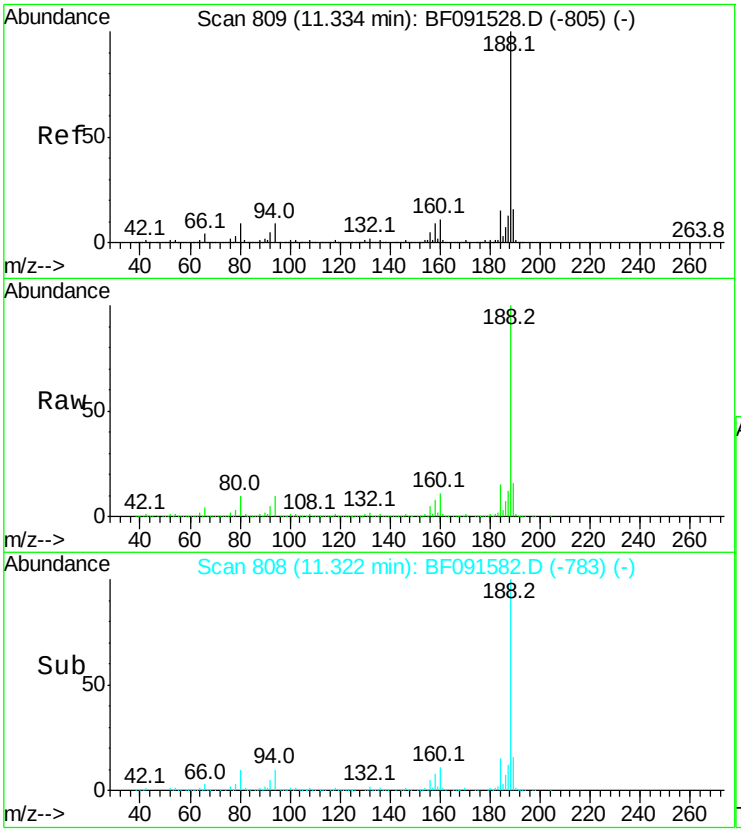


#54
Dibenzofuran
Concen: 7.13 ng
RT: 10.04 min Scan# 696
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Tgt Ion:168 Resp: 272622

Ion	Ratio	Lower	Upper
168	100		
139	40.4	33.4	50.2
169	14.0	11.1	16.7



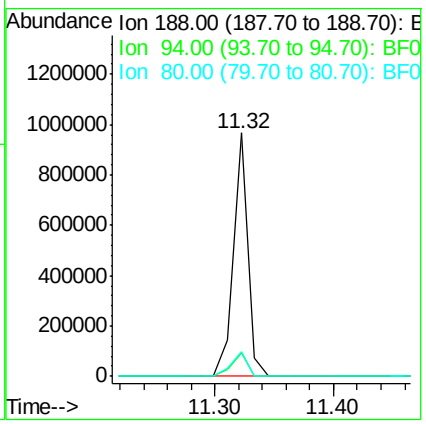


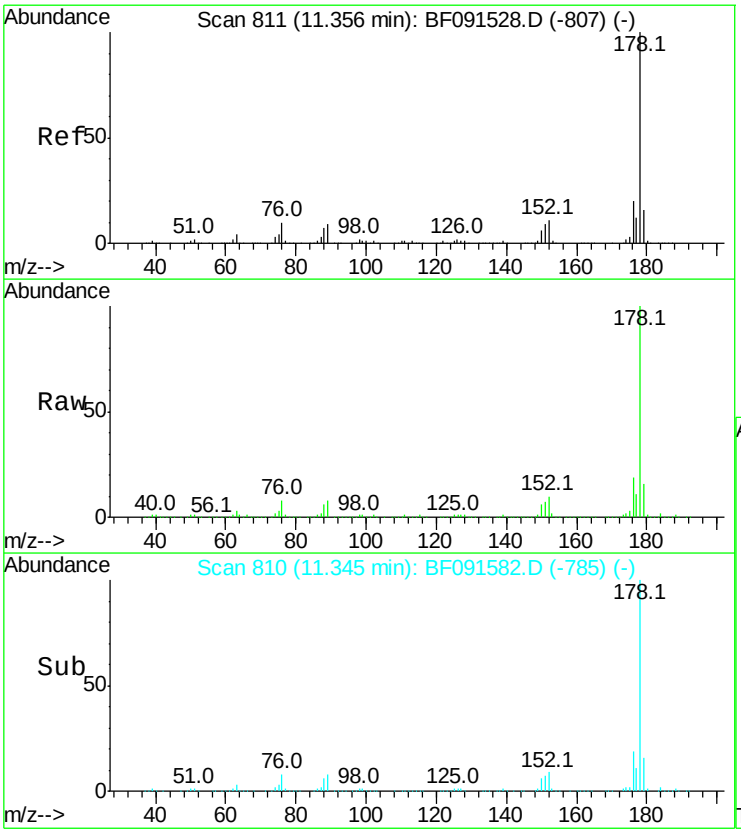
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:188 Resp: 818262

Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.2	13.8
80	10.4	10.5	15.7#

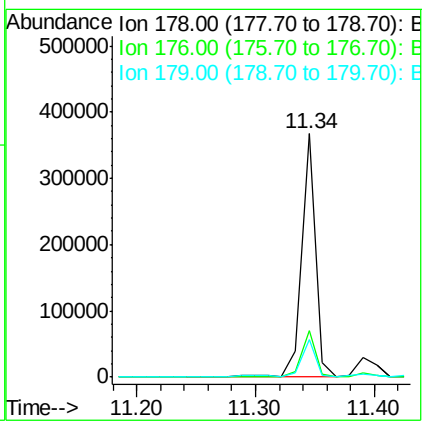


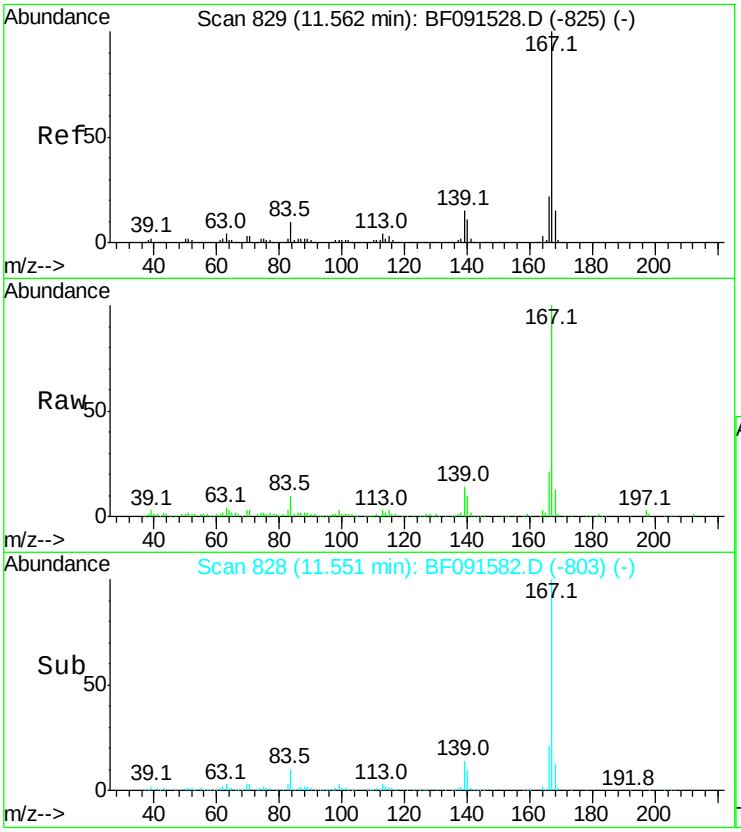


#70
Phenanthrene
Concen: 7.41 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Tgt Ion:178 Resp: 300375

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.9	23.9
179	15.7	12.6	18.8



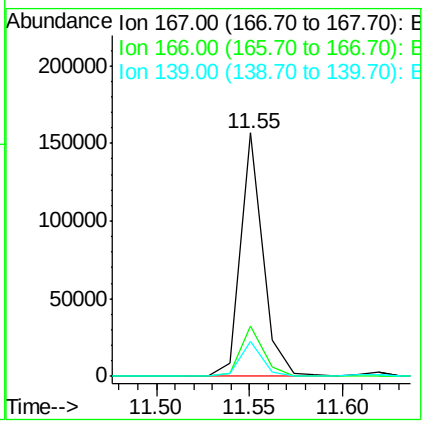


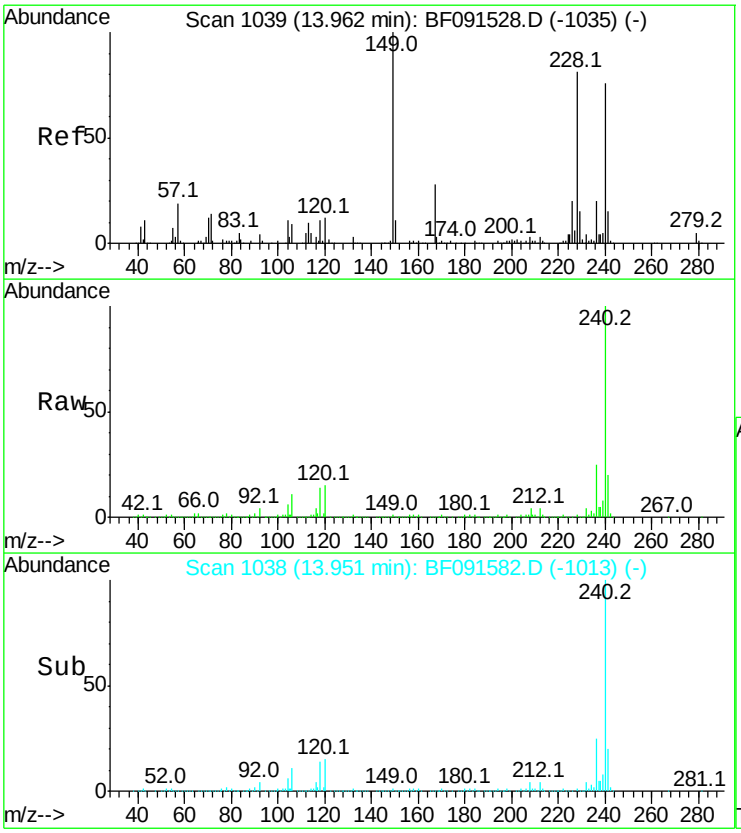
#72
Carbazole
Concen: 3.43 ng
RT: 11.55 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:167 Resp: 131327

Ion	Ratio	Lower	Upper
167	100		
166	20.9	18.1	27.1
139	14.3	11.5	17.3

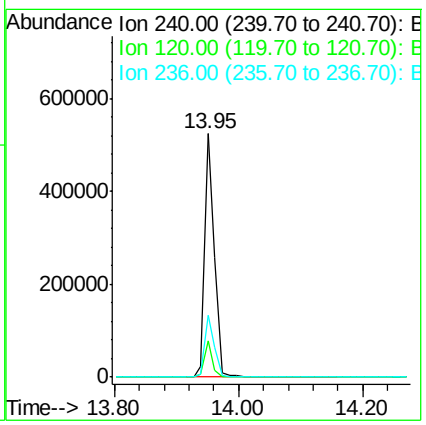


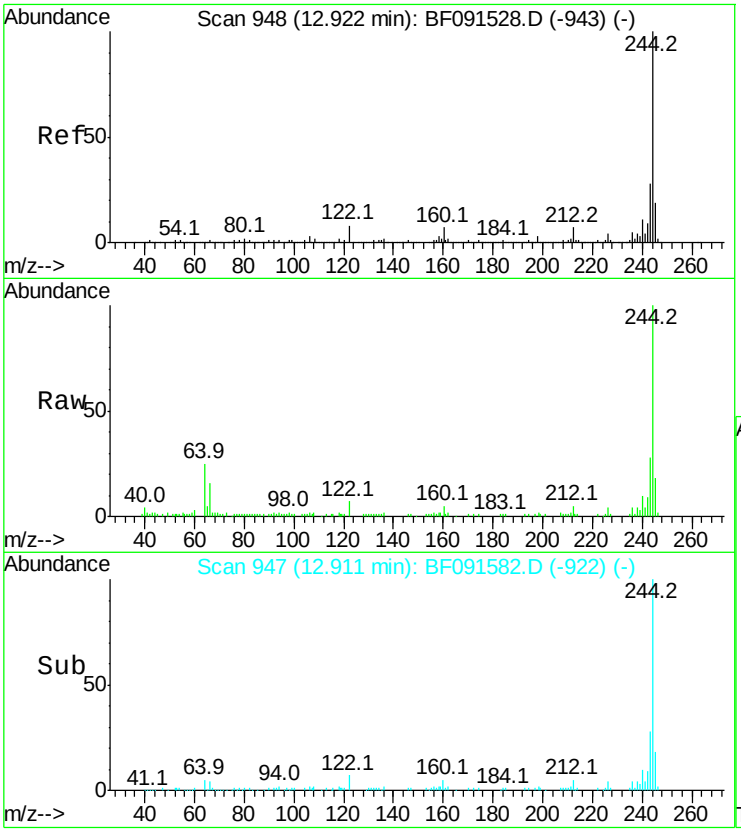


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Tgt Ion:240 Resp: 569758

Ion	Ratio	Lower	Upper
240	100		
120	15.1	12.1	18.1
236	25.2	21.0	31.6



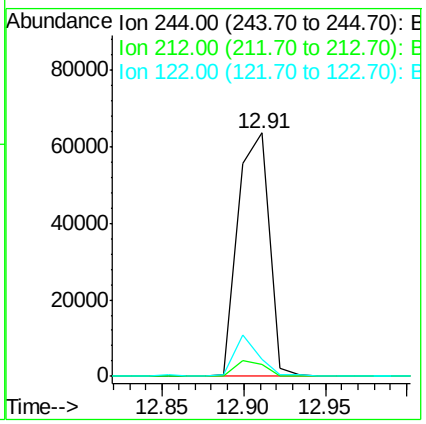


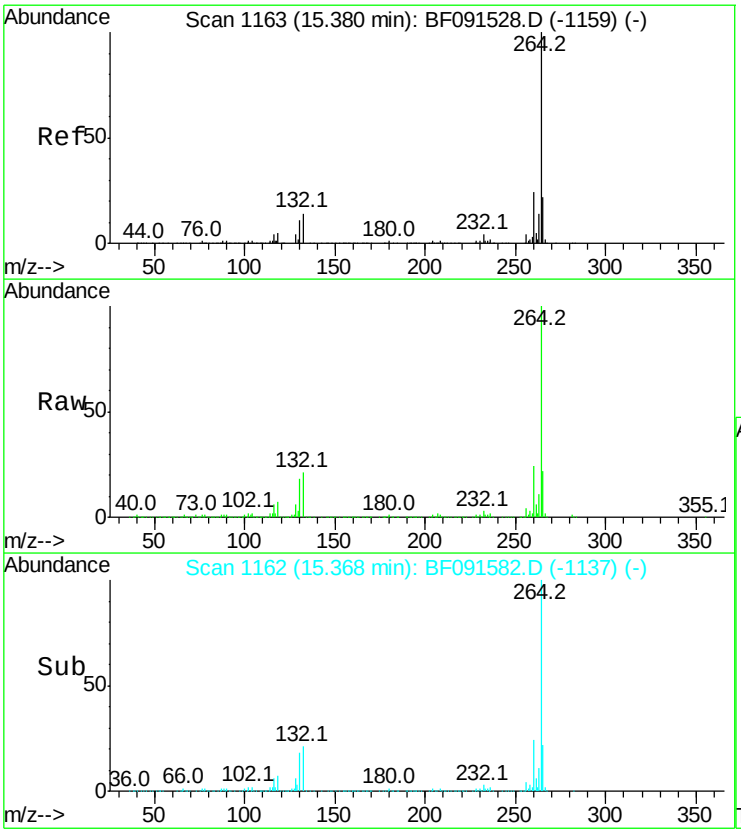
#78
Terphenyl-d14
Concen: 3.34 ng
RT: 12.91 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Instrument :
BNA_F
ClientSampleId :
QNWP8-MW26S-GWDL2

Tgt Ion:244 Resp: 83930

Ion	Ratio	Lower	Upper
244	100		
212	5.0	6.5	9.7#
122	6.9	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF091582.D
Acq: 14 Dec 2016 13:29

Tgt Ion:264 Resp: 530845

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.6	17.0	25.6