Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020717\
Data File : BF092851.D
Acq On : 8 Feb 2017 4:06
Operator : SJ/MA
Sample : I1728-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ROLL-OFF-R2-COMP

Quant Time: Feb 08 04:34:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 07 23:52:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	143313	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	591774	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	284798	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	407097	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	333214	20.00	ng	-0.01
86) Perylene-d12	15.52	264	277924	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1134414	135.80	ng	0.02
7) Phenol-d6	6.54	99	1165337	108.42	ng	0.00
23) Nitrobenzene-d5	7.47	82	899090	84.61	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	282684	137.24	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1425695	90.69	ng	0.00
78) Terphenyl-d14	13.01	244	1056741	74.52	ng	-0.01
Target Compounds						Qvalue
31) Naphthalene	8.21	128	1306465	43.55	ng	99
37) 2-Methylnaphthalene	8.90	142	129055	6.70	ng	98
45) 1,1'-Biphenyl	9.37	154	49794	2.41	ng	99
51) Acenaphthene	9.97	154	271444	16.29	ng	97
54) Dibenzofuran	10.14	168	162787	7.30	ng	96
57) Fluorene	10.49	166	181047	10.56	ng	97
70) Phenanthrene	11.45	178	310922	13.33	ng	98
72) Carbazole	11.66	167	108649	4.85	ng	95
74) Fluoranthene	12.64	202	69822	2.90	ng	97

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

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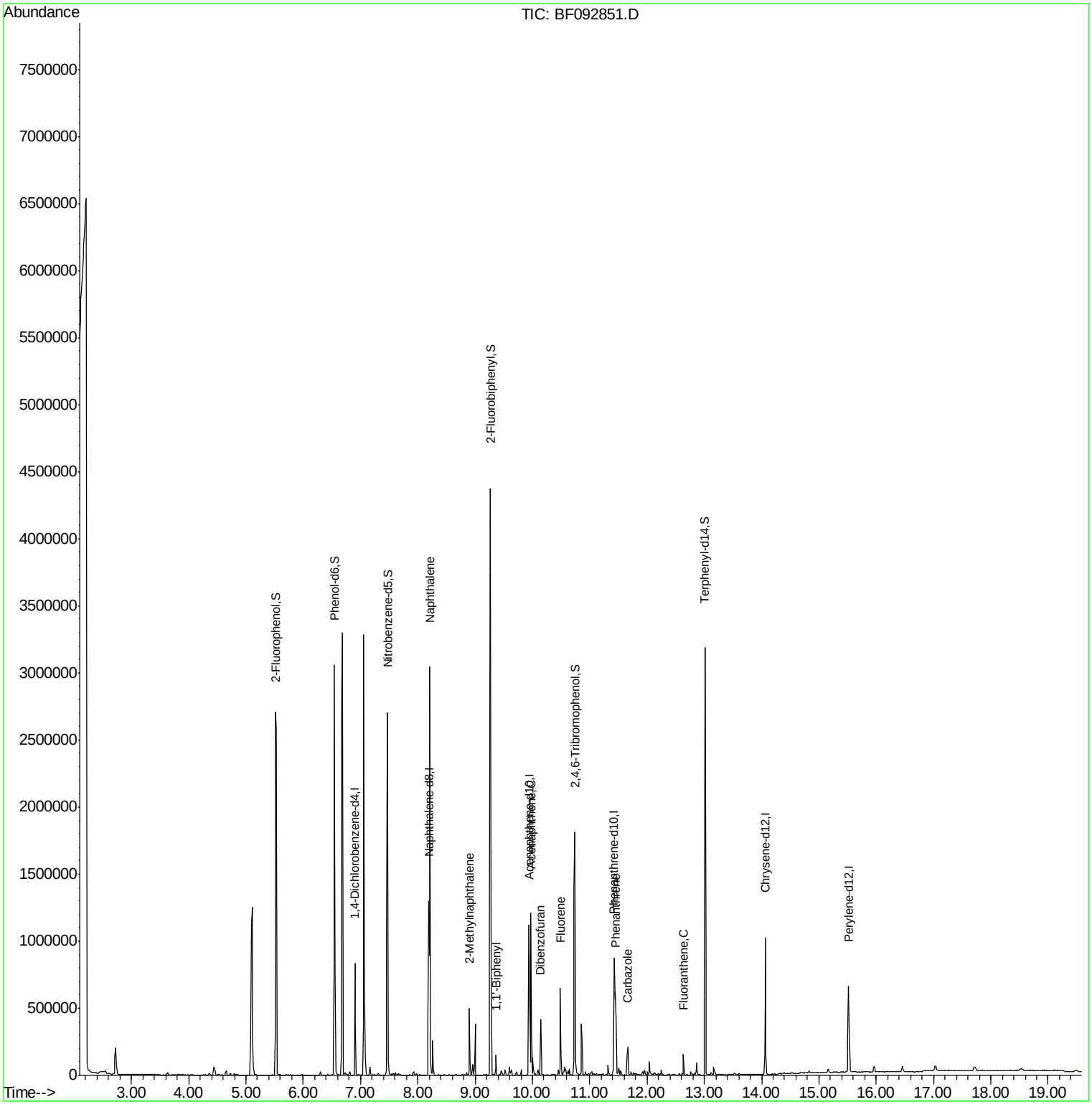
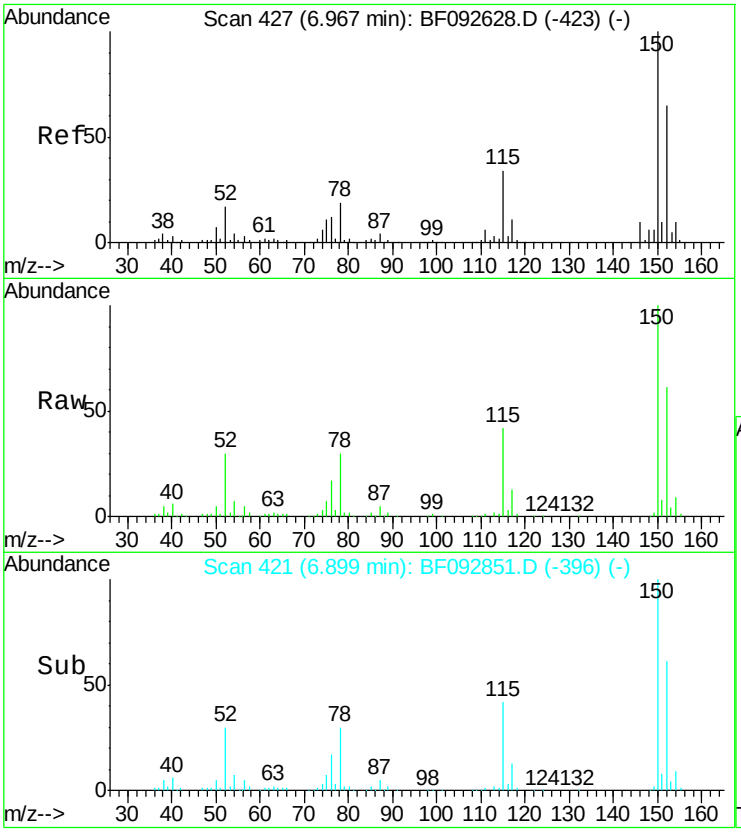


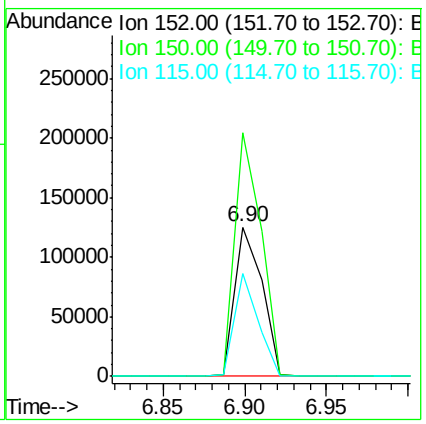


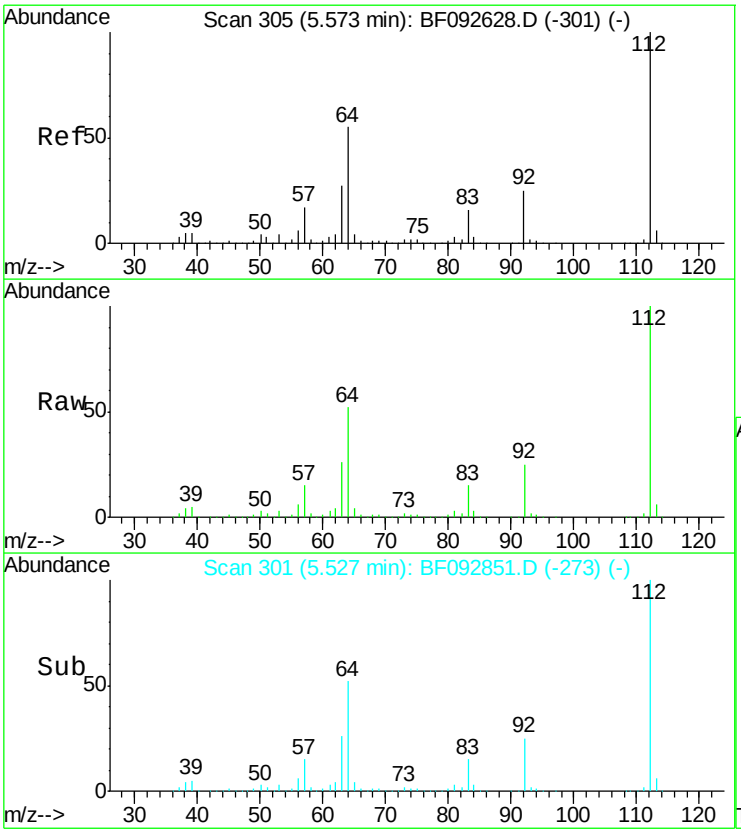
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:152 Resp: 143313

Ion	Ratio	Lower	Upper
152	100		
150	162.9	124.9	187.3
115	68.6	46.0	69.0

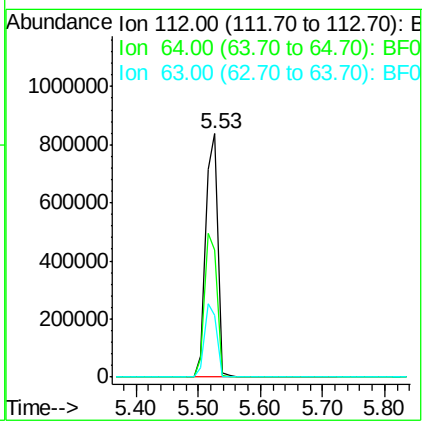


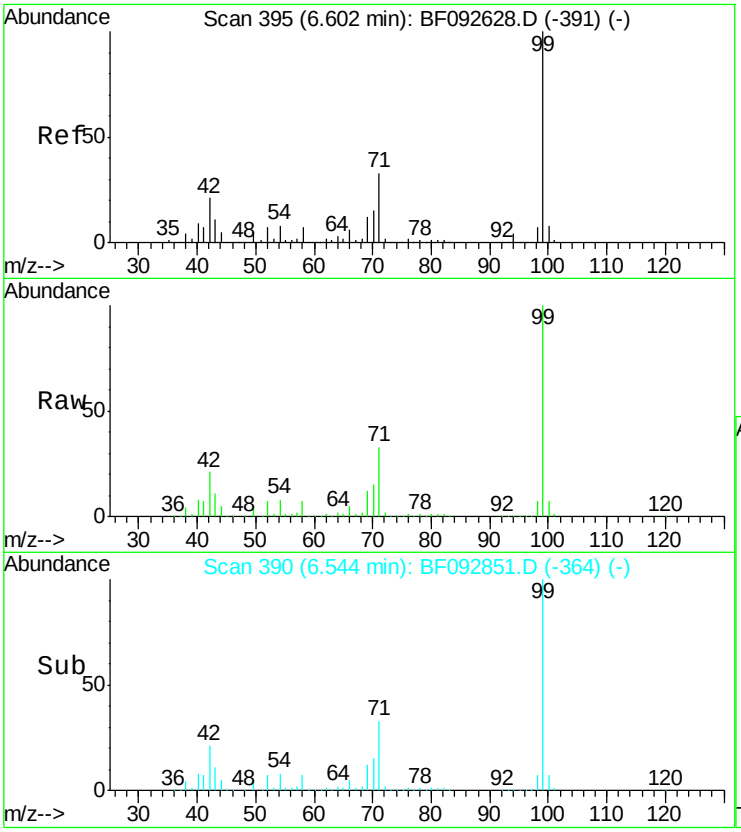


#5
2-Fluorophenol
Concen: 135.80 ng
RT: 5.53 min Scan# 301
Delta R.T. 0.02 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Tgt Ion:112 Resp: 1134414

Ion	Ratio	Lower	Upper
112	100		
64	52.0	46.1	69.1
63	25.6	23.8	35.6



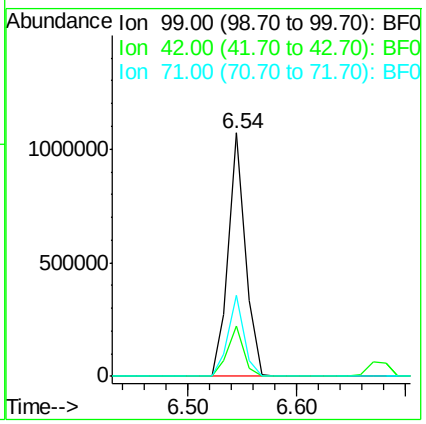


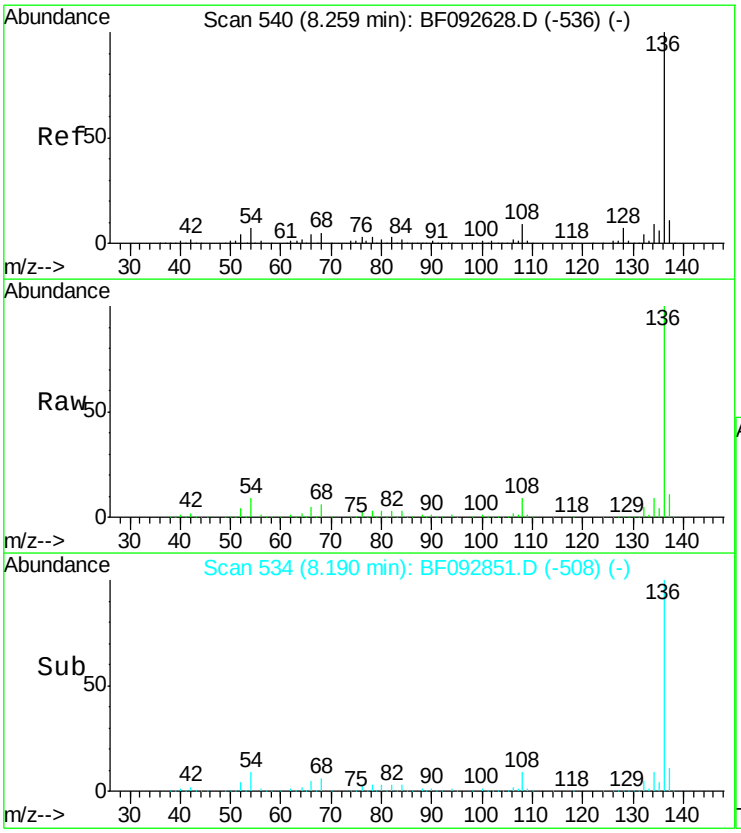
#7
Phenol-d6
Concen: 108.42 ng
RT: 6.54 min Scan# 390
Delta R.T. -0.00 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion: 99 Resp: 1165337

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.6	23.4
71	33.1	27.5	41.3

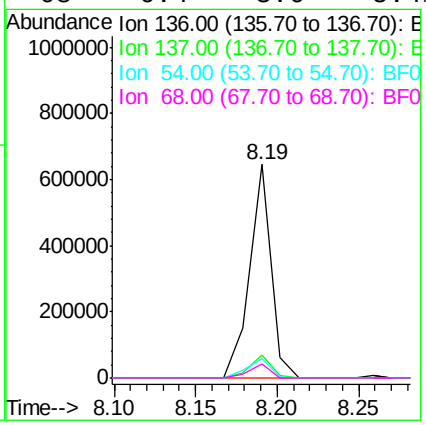


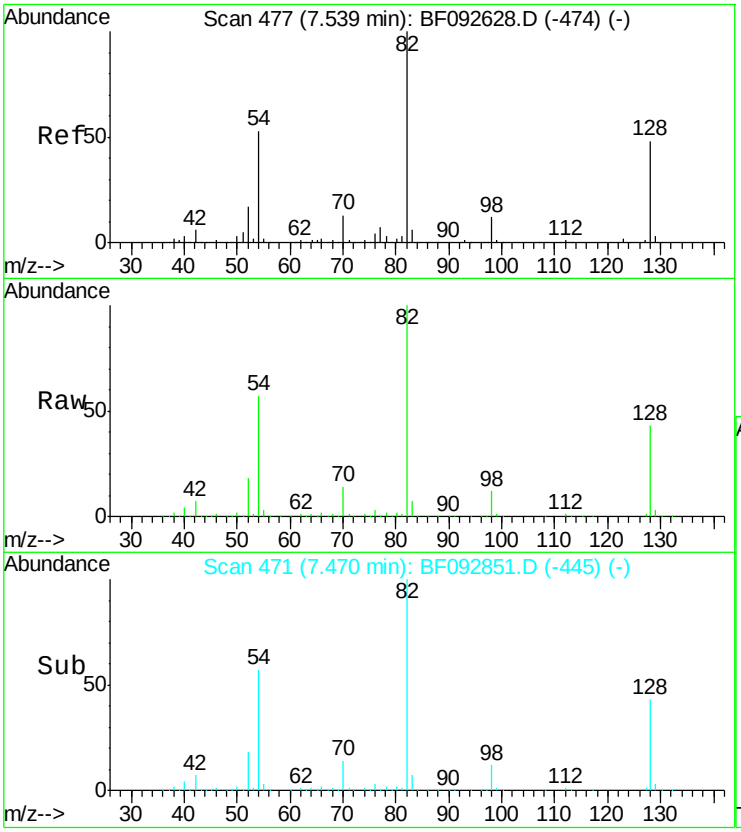


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Tgt Ion:136 Resp: 591774

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.1	4.5	6.7#
68	6.4	3.6	5.4#



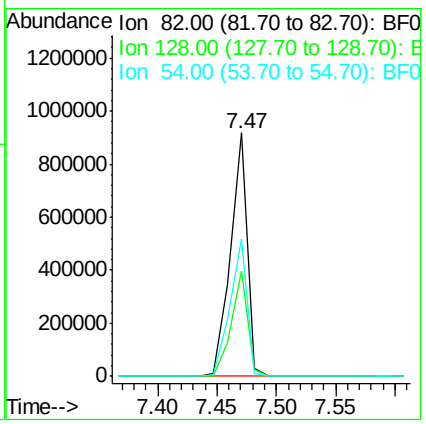


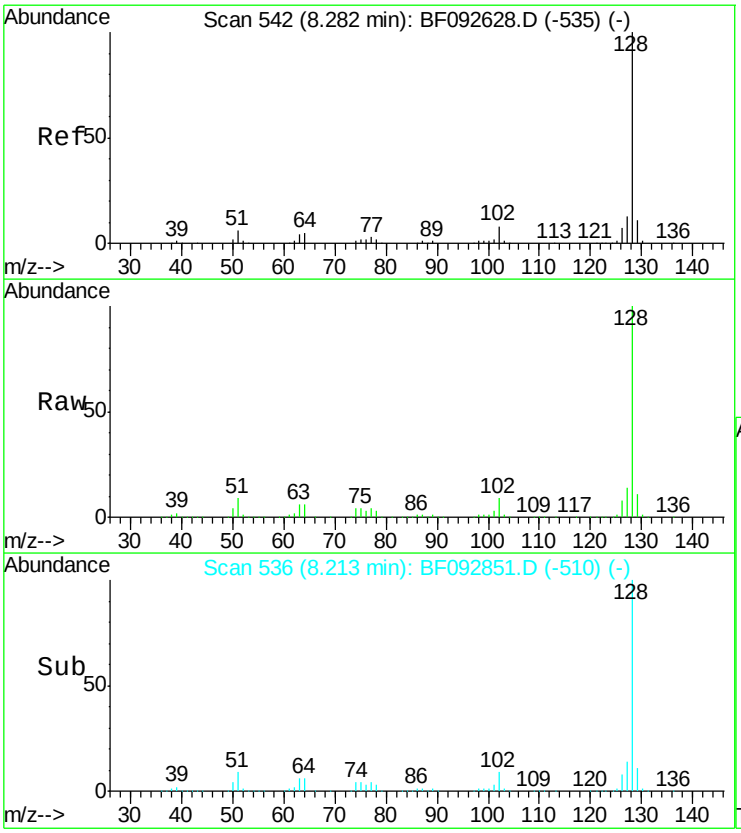
#23
Nitrobenzene-d5
Concen: 84.61 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion: 82 Resp: 899090

Ion	Ratio	Lower	Upper
82	100		
128	43.5	34.6	52.0
54	56.6	39.5	59.3

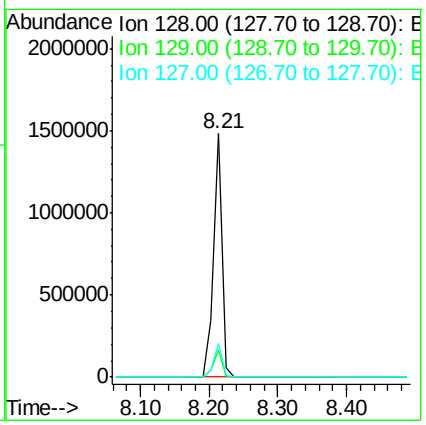


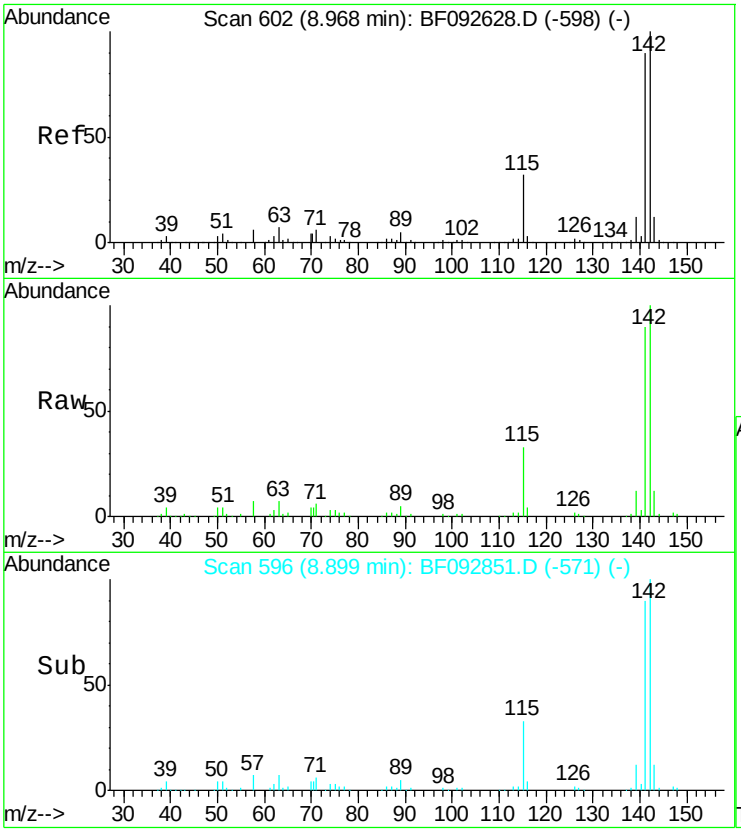


#31
Naphthalene
Concen: 43.55 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Tgt Ion:128 Resp: 1306465

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.5	14.3
127	13.8	10.8	16.2



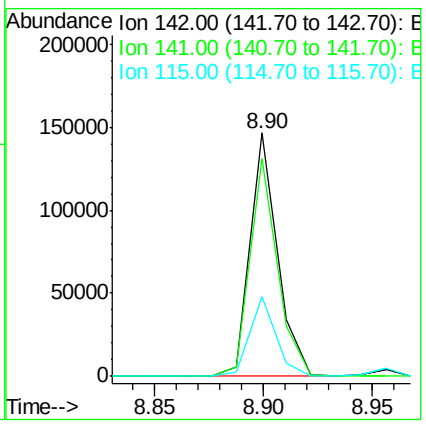


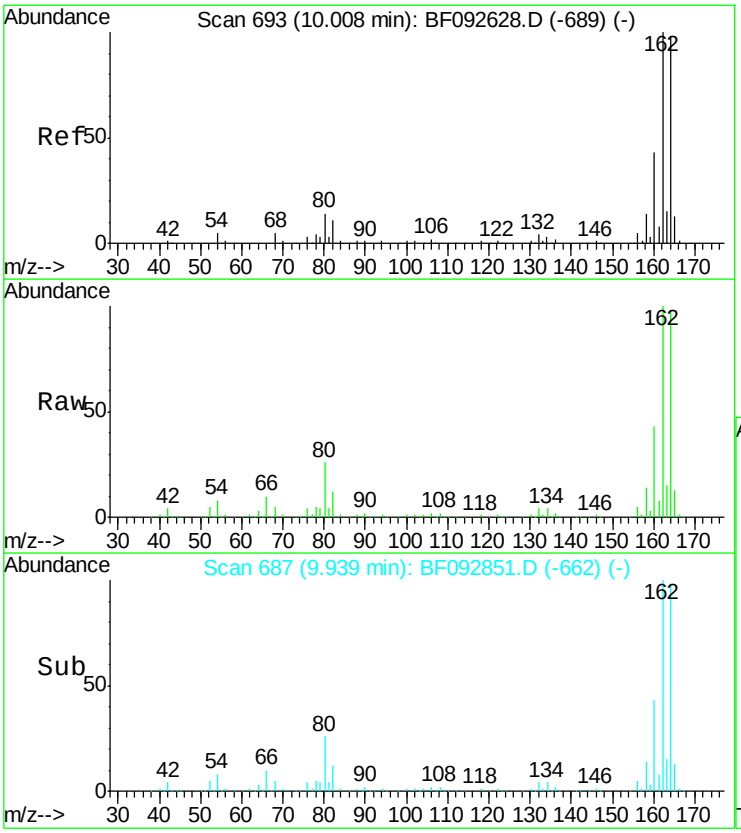
#37
2-Methylnaphthalene
Concen: 6.70 ng
RT: 8.90 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:142 Resp: 129055

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	33.0	28.3	42.5

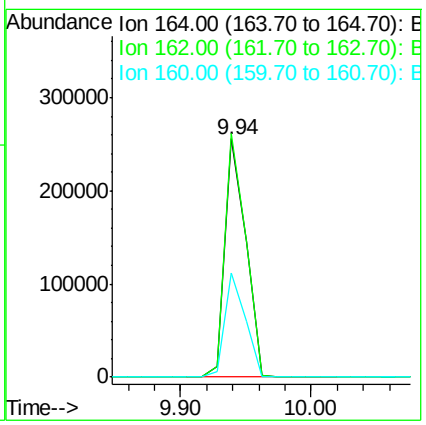


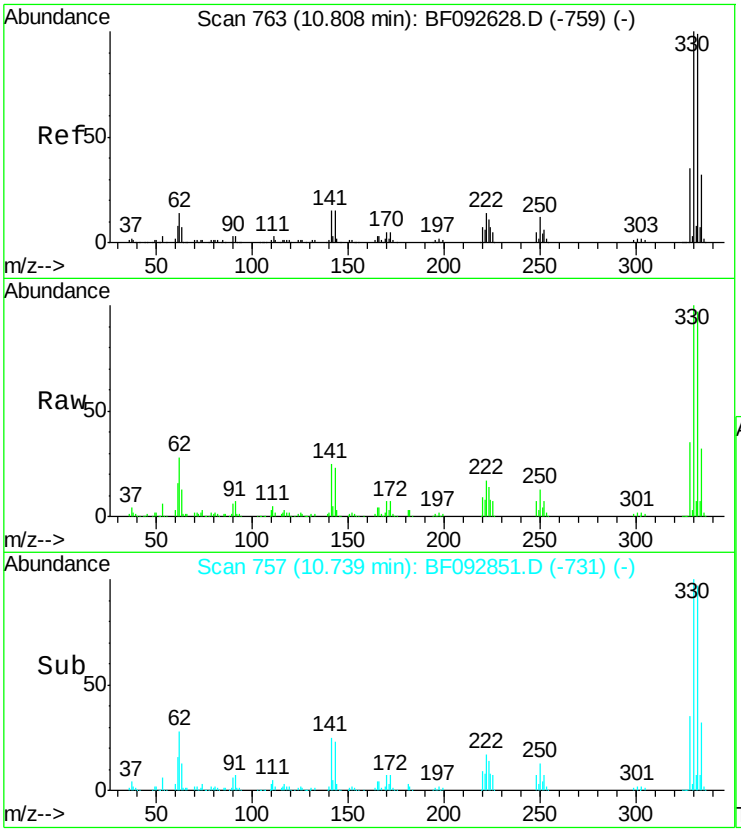


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Tgt Ion:164 Resp: 284798

Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.2	120.2
160	43.6	36.9	55.3



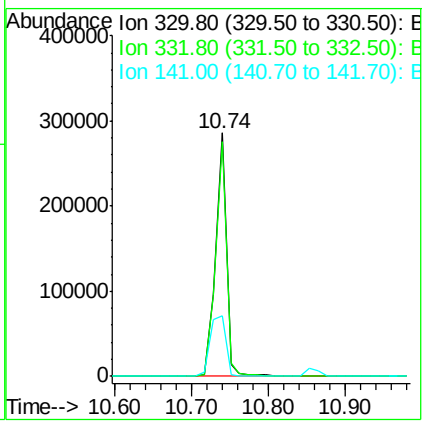


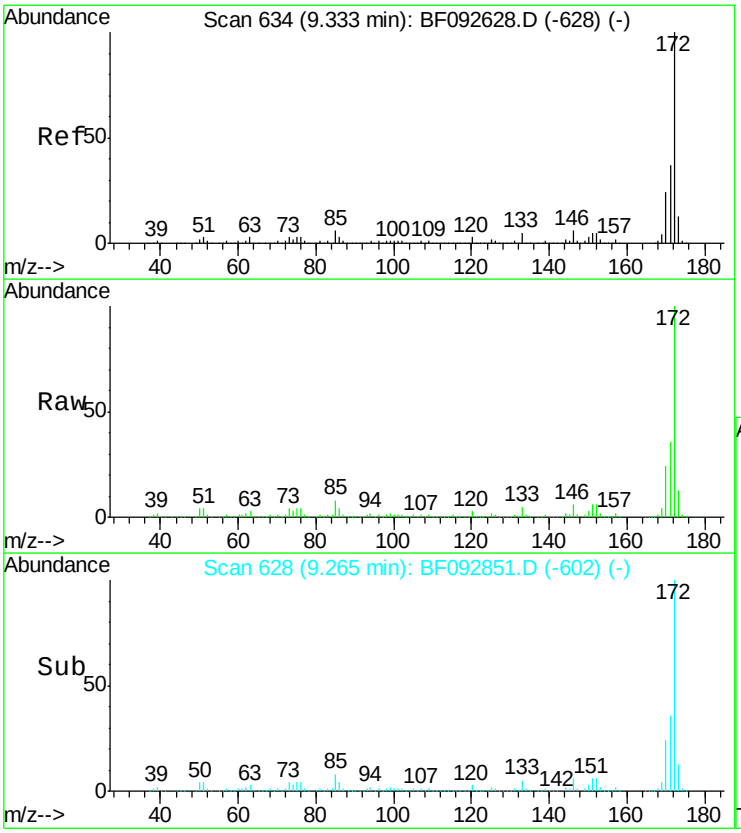
#41
2,4,6-Tribromophenol
Concen: 137.24 ng
RT: 10.74 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:330 Resp: 282684

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	35.9	34.1	51.1

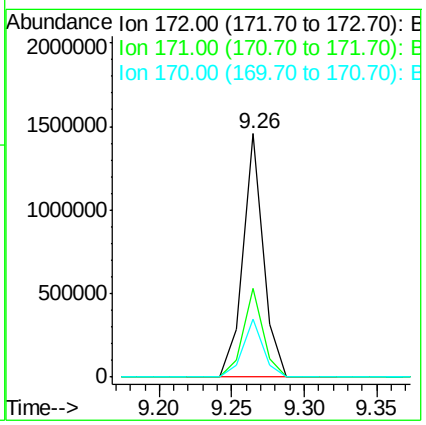


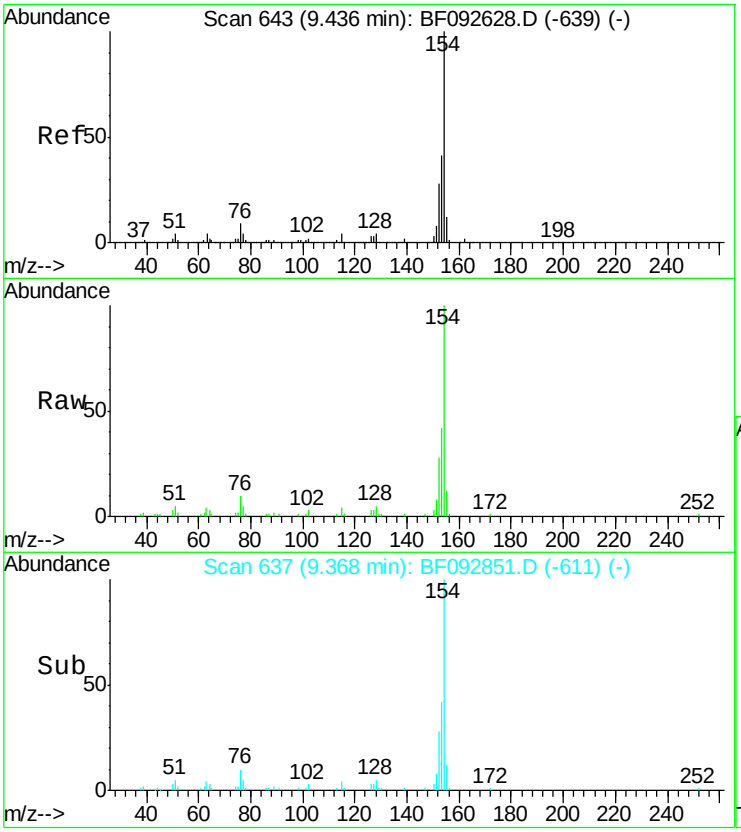


#44
2-Fluorobiphenyl
Concen: 90.69 ng
RT: 9.26 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Tgt Ion:172 Resp: 1425695

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.4	44.0
170	23.9	20.2	30.4



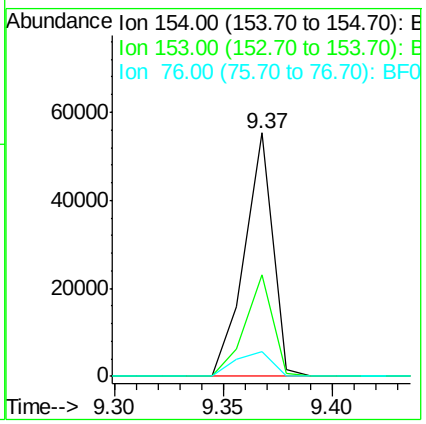


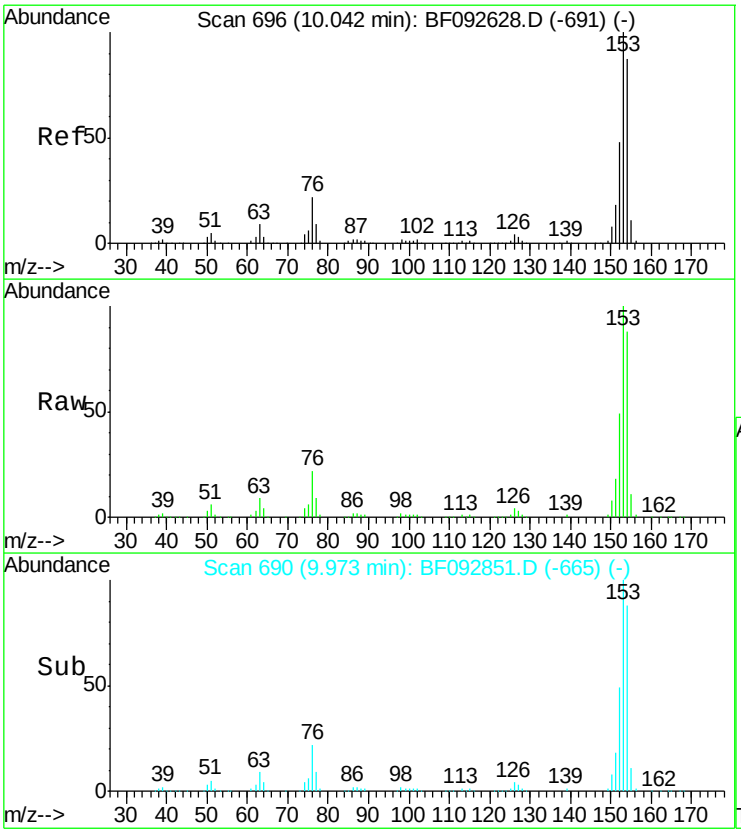
#45
1,1'-Biphenyl
Concen: 2.41 ng
RT: 9.37 min Scan# 637
Delta R.T. -0.00 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:154 Resp: 49794

Ion	Ratio	Lower	Upper
154	100		
153	41.7	20.9	60.9
76	10.1	0.0	30.5

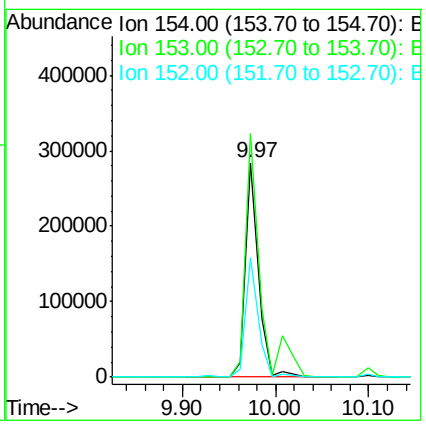


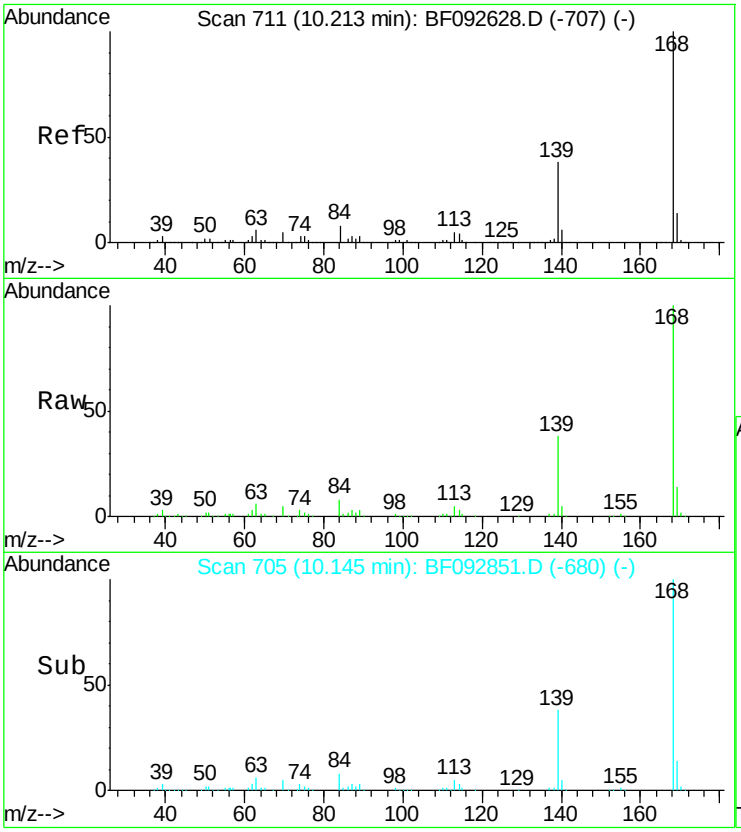


#51
Acenaphthene
Concen: 16.29 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Tgt Ion:154 Resp: 271444

Ion	Ratio	Lower	Upper
154	100		
153	113.4	88.6	133.0
152	55.6	41.6	62.4



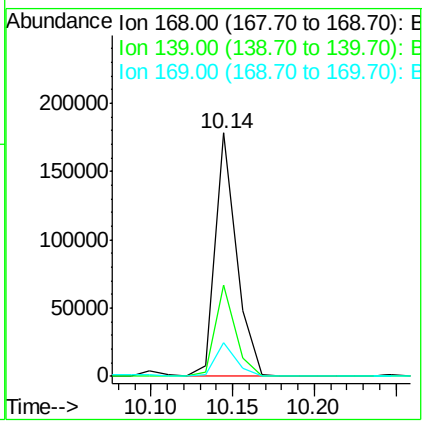


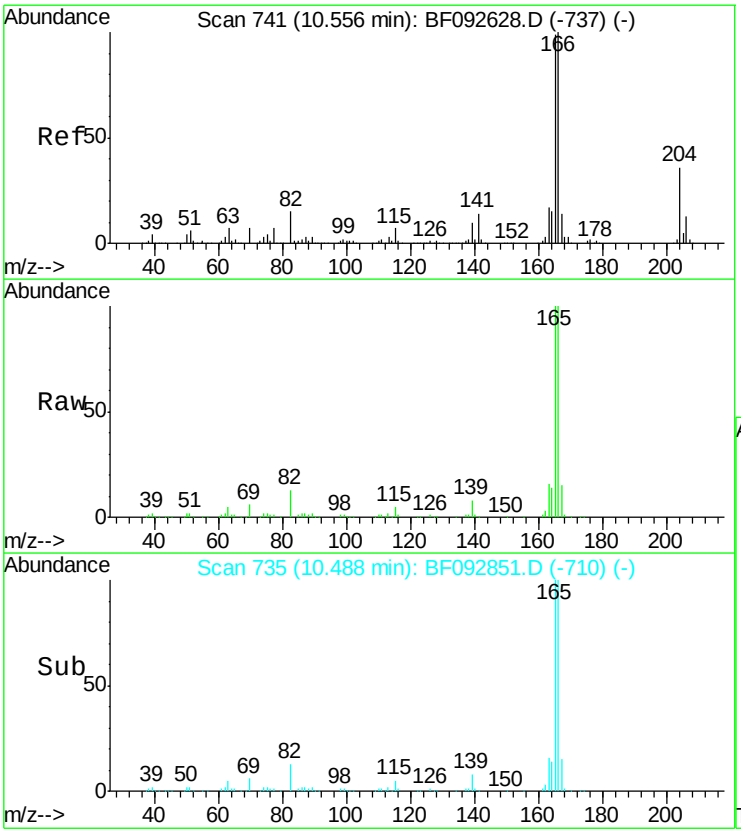
#54
Dibenzofuran
Concen: 7.30 ng
RT: 10.14 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:168 Resp: 162787

Ion	Ratio	Lower	Upper
168	100		
139	37.6	32.6	49.0
169	13.6	11.3	16.9

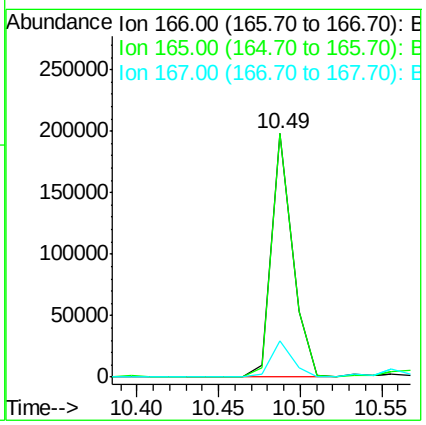


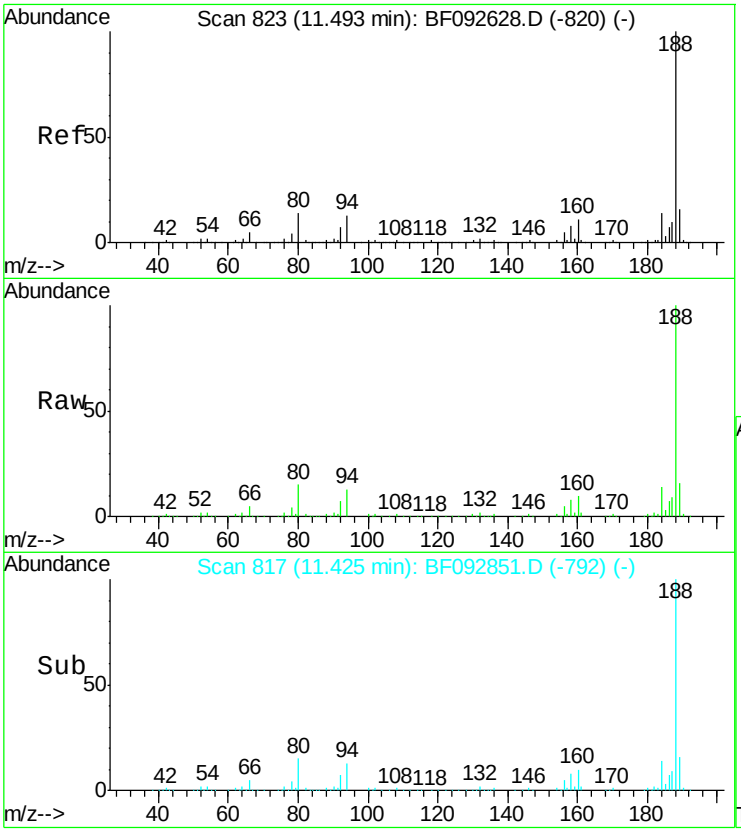


#57
Fluorene
Concen: 10.56 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Tgt Ion:166 Resp: 181047

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.8
167	14.7	10.8	16.2



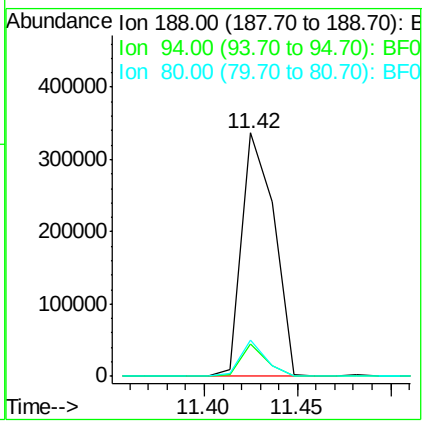


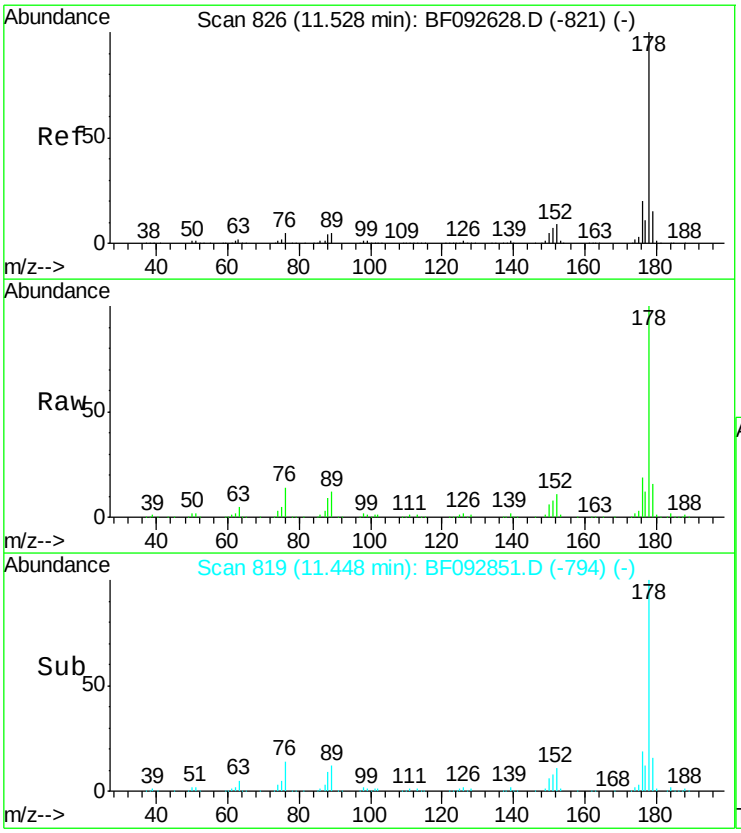
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:188 Resp: 407097

Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.0	15.0
80	14.7	11.2	16.8

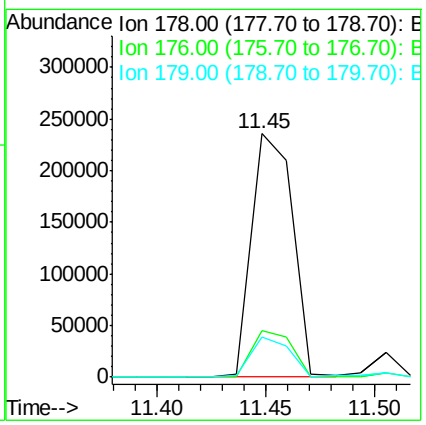


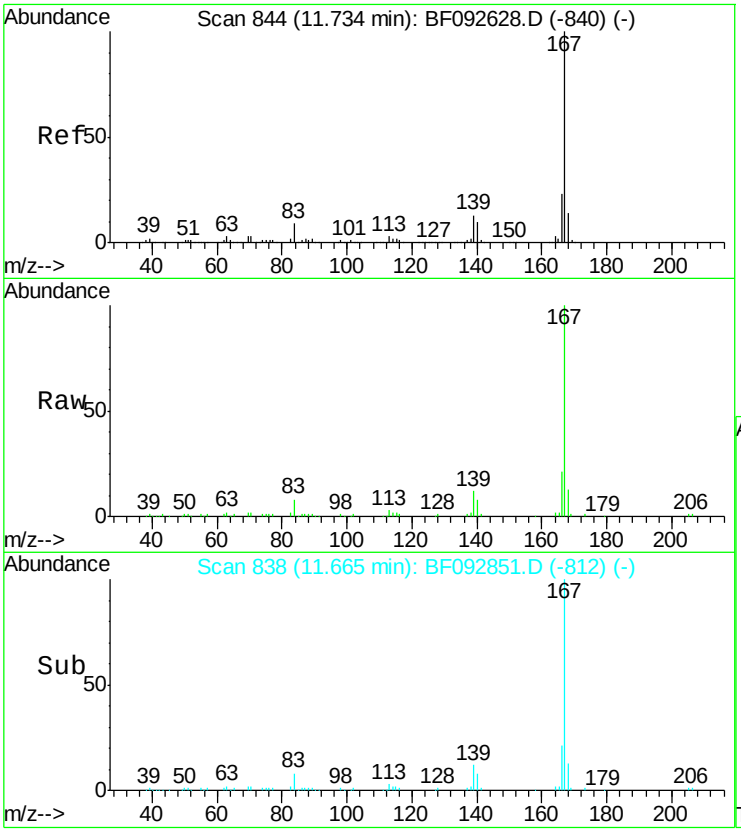


#70
Phenanthrene
Concen: 13.33 ng
RT: 11.45 min Scan# 819
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Tgt Ion:178 Resp: 310922

Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.6	25.0
179	16.2	12.8	19.2



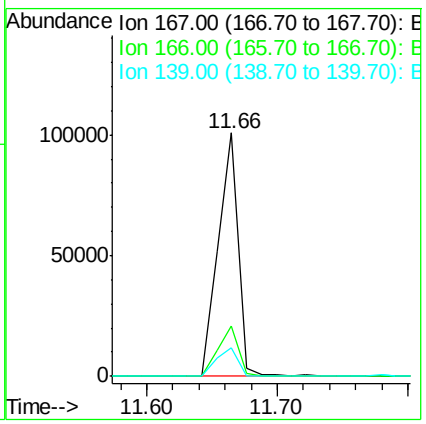


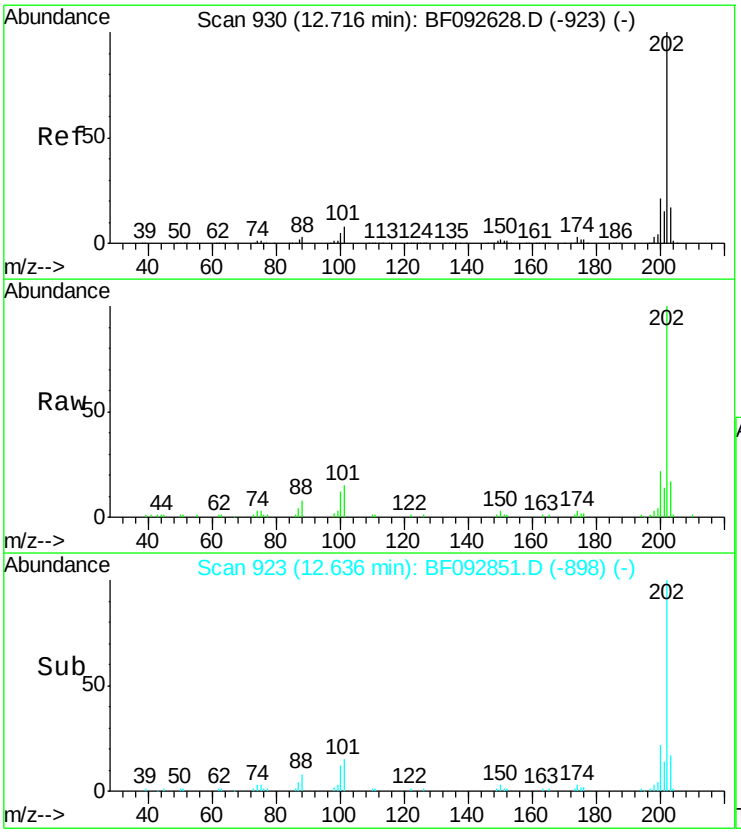
#72
Carbazole
Concen: 4.85 ng
RT: 11.66 min Scan# 838
Delta R.T. -0.00 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:167 Resp: 108649

Ion	Ratio	Lower	Upper
167	100		
166	20.9	18.2	27.2
139	11.8	11.4	17.2

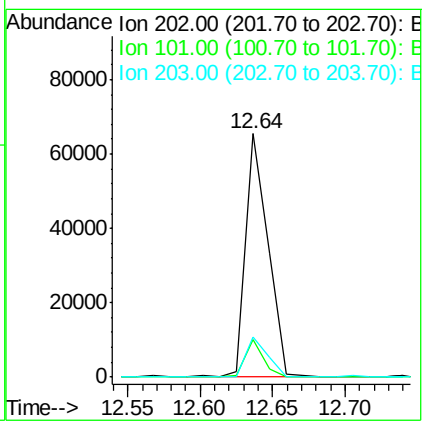


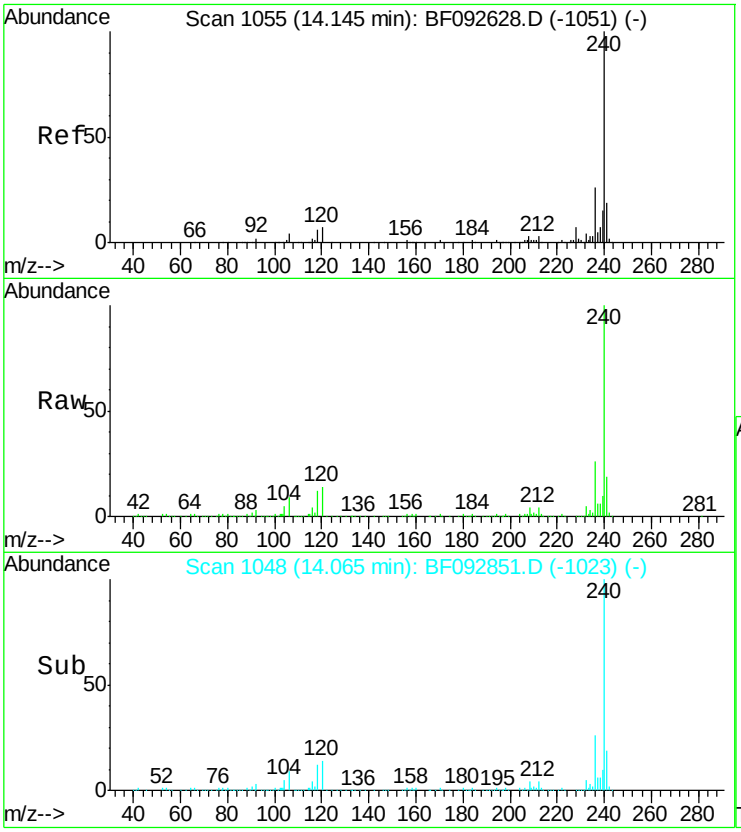


#74
Fluoranthene
Concen: 2.90 ng
RT: 12.64 min Scan# 923
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Tgt Ion:202 Resp: 69822

Ion	Ratio	Lower	Upper
202	100		
101	15.2	0.0	34.6
203	16.6	0.0	38.7



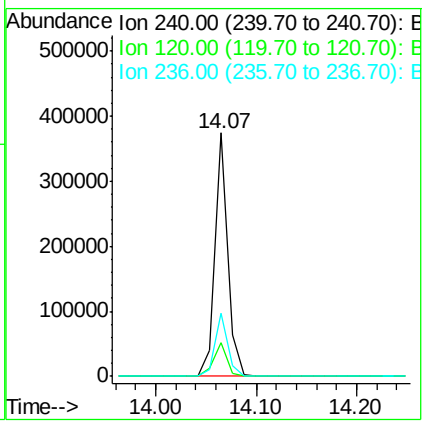


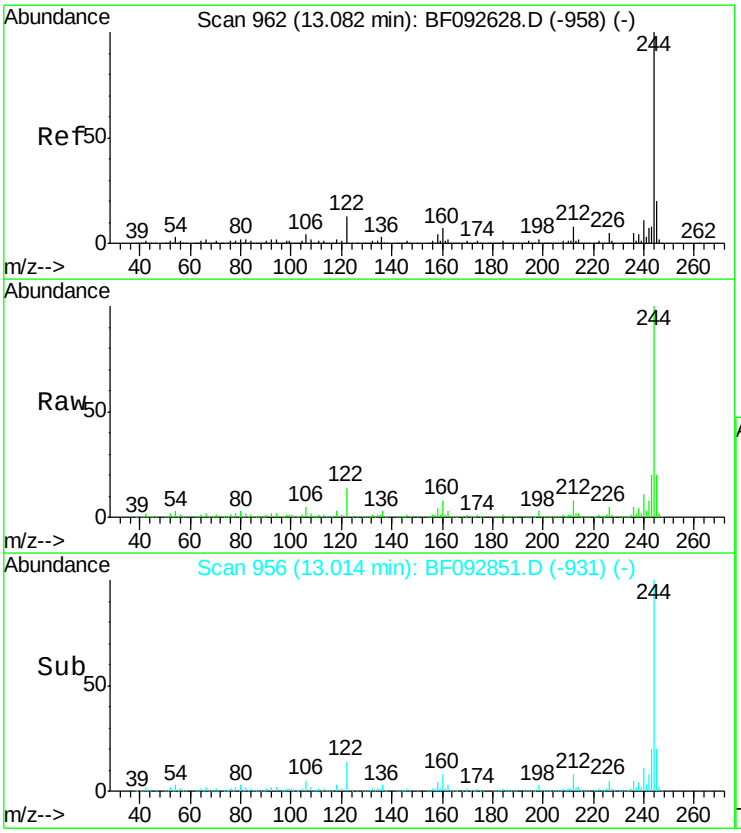
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:240 Resp: 333214

Ion	Ratio	Lower	Upper
240	100		
120	13.9	12.9	19.3
236	25.8	20.9	31.3

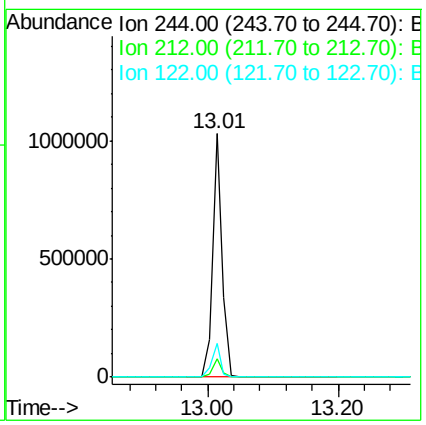


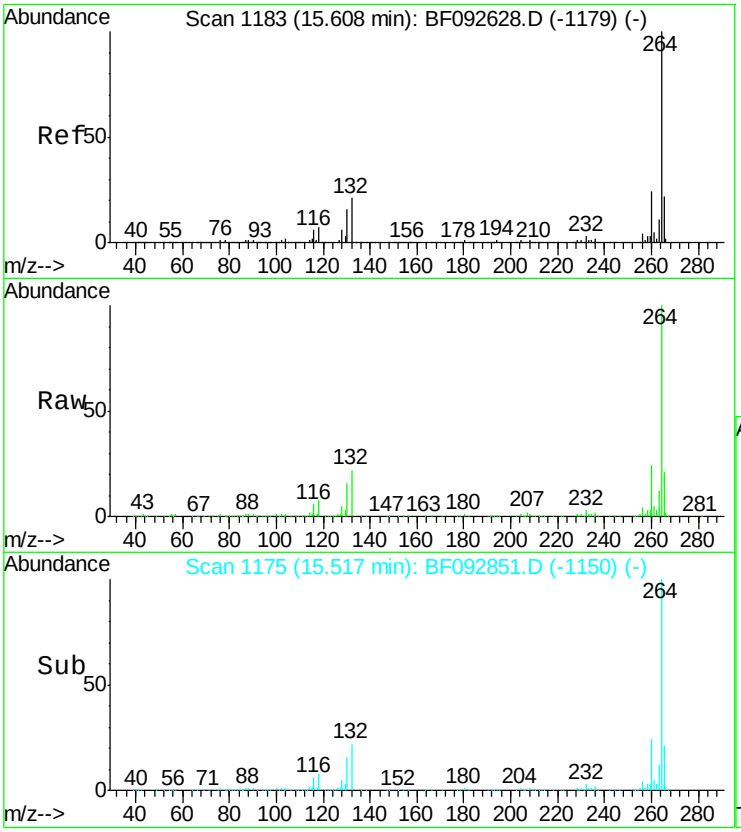


#78
Terphenyl-d14
Concen: 74.52 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Tgt Ion:244 Resp: 1056741

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.1	11.4	17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.52 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF092851.D
Acq: 8 Feb 2017 4:06

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-R2-COMP

Tgt Ion:264 Resp: 277924

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.2	17.4	26.0