Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120116\
Data File : BF091372.D
Acq On : 1 Dec 2016 14:58
Operator : UM/SJ
Sample : PB94983BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB94983BL

Quant Time: Dec 02 00:00:58 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	196170	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	721426	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	456696	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	753177	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	625073	20.00	ng	-0.03
86) Perylene-d12	15.44	264	454138	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1261990	105.09	ng	0.00
7) Phenol-d6	6.49	99	1791171	121.17	ng	0.00
23) Nitrobenzene-d5	7.42	82	975973	75.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	462708	107.02	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2028518	80.42	ng	-0.02
78) Terphenyl-d14	12.97	244	2069412	71.96	ng	-0.02
Target Compounds						Qvalue

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

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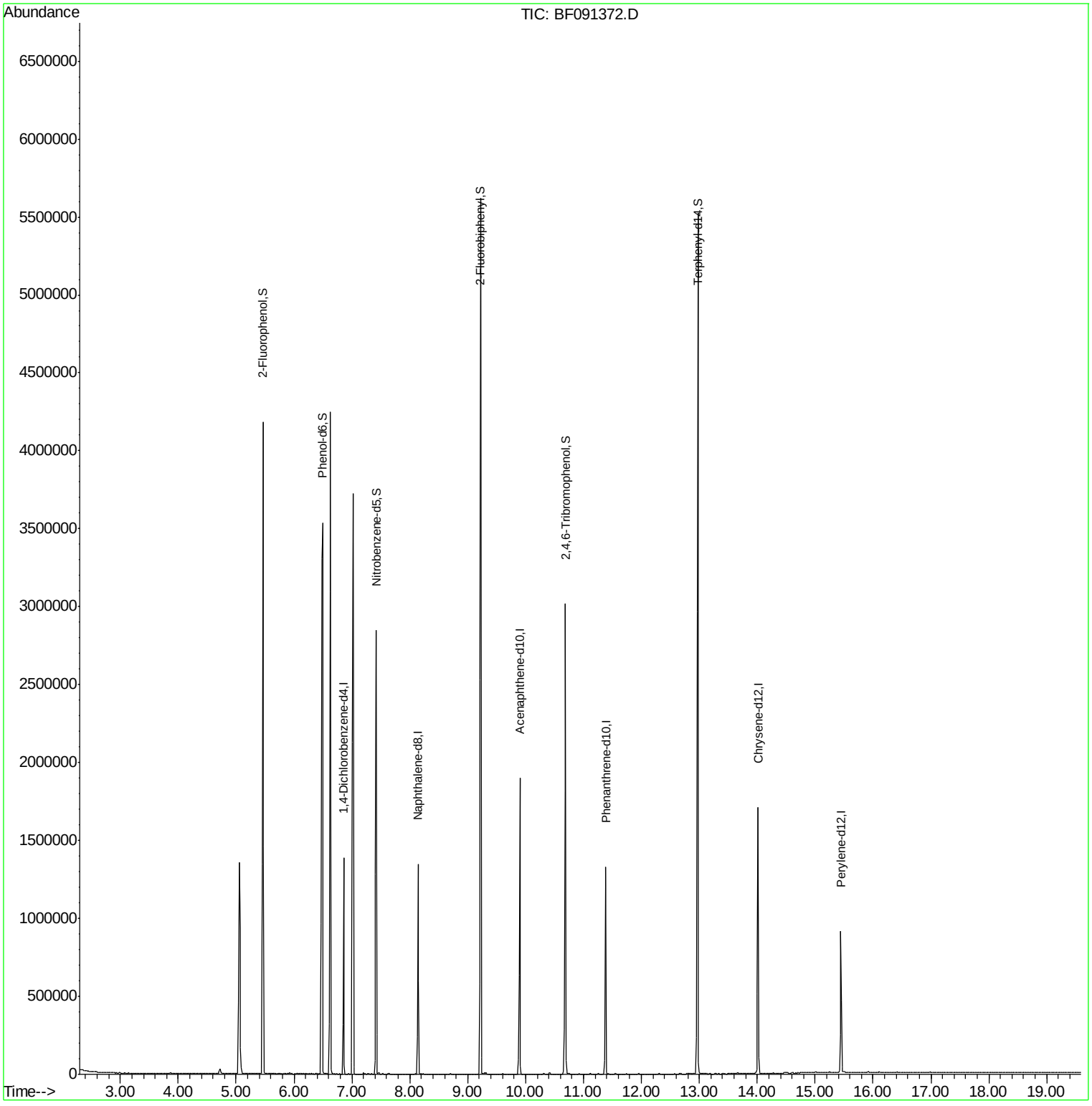
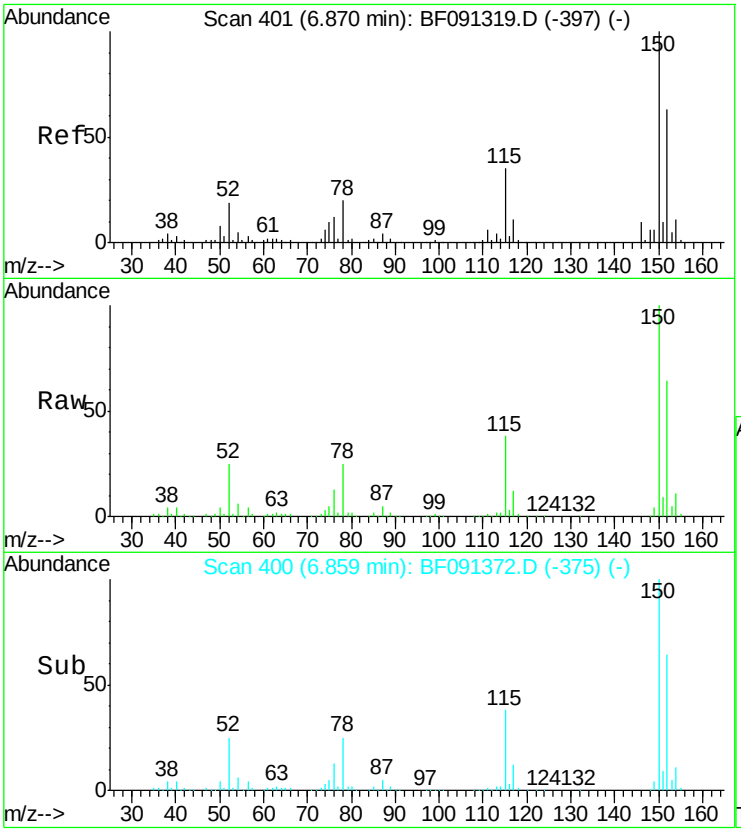


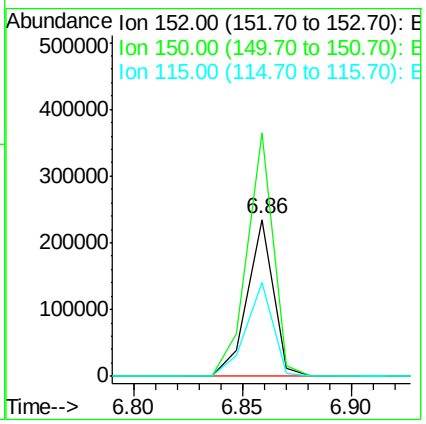


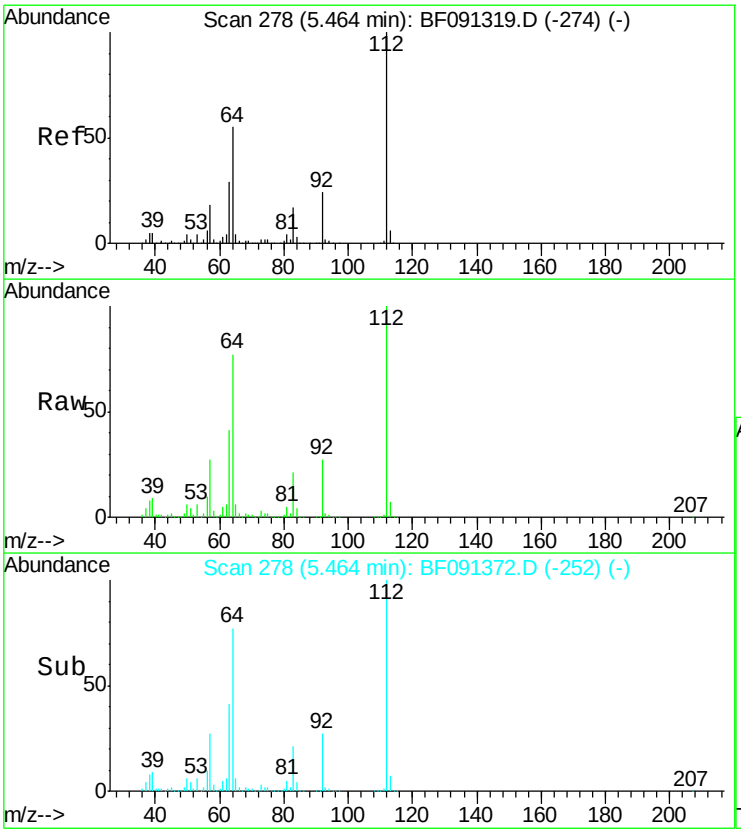
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Instrument :
BNA_F
ClientSampleId :
PB94983BL

Tgt Ion:152 Resp: 196170

Ion	Ratio	Lower	Upper
152	100		
150	155.3	122.5	183.7
115	59.5	51.8	77.8

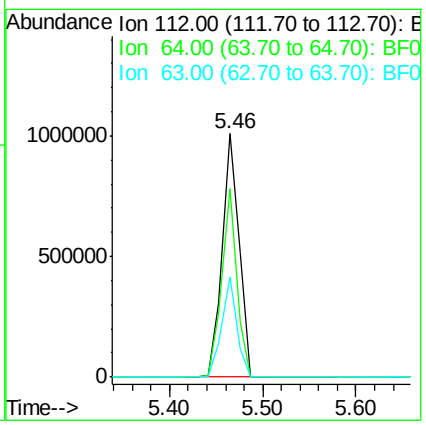


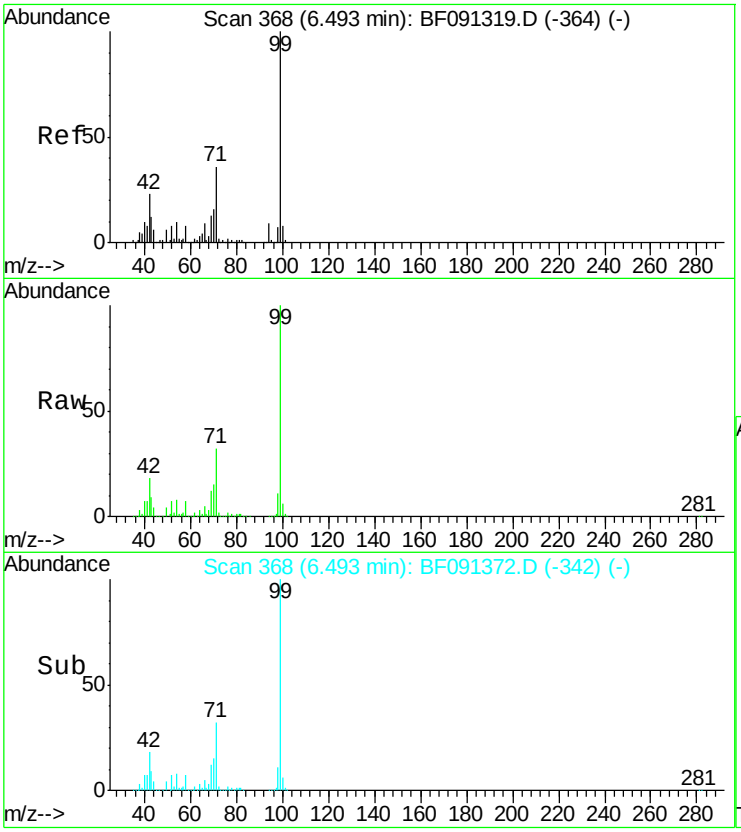


#5
2-Fluorophenol
Concen: 105.09 ng
RT: 5.46 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Tgt Ion:112 Resp: 1261990

Ion	Ratio	Lower	Upper
112	100		
64	77.3	61.5	92.3
63	41.3	33.3	49.9



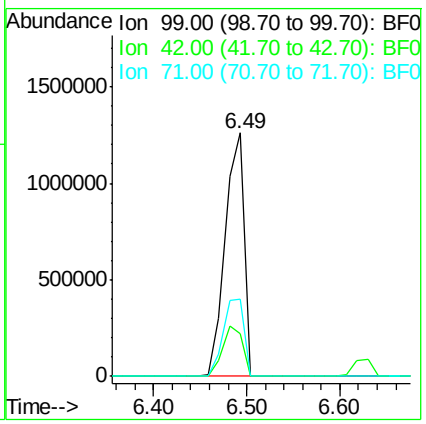


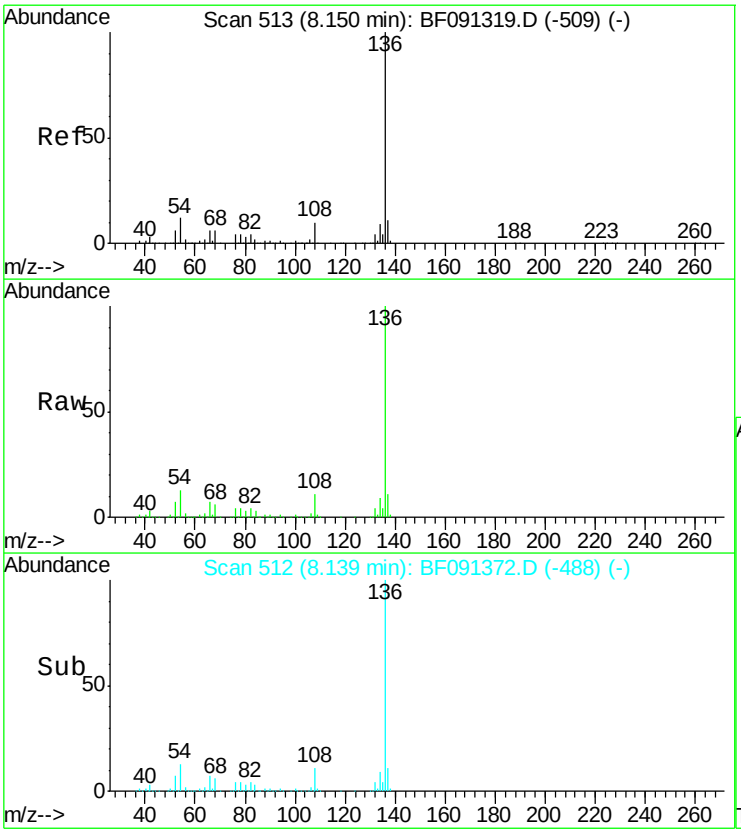
#7
Phenol-d6
Concen: 121.17 ng
RT: 6.49 min Scan# 368
Delta R.T. -0.01 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Instrument :
BNA_F
ClientSampleId :
PB94983BL

Tgt Ion: 99 Resp: 1791171

Ion	Ratio	Lower	Upper
99	100		
42	17.6	20.6	31.0#
71	31.7	29.9	44.9

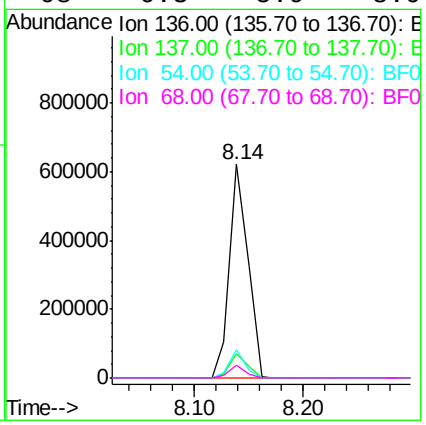


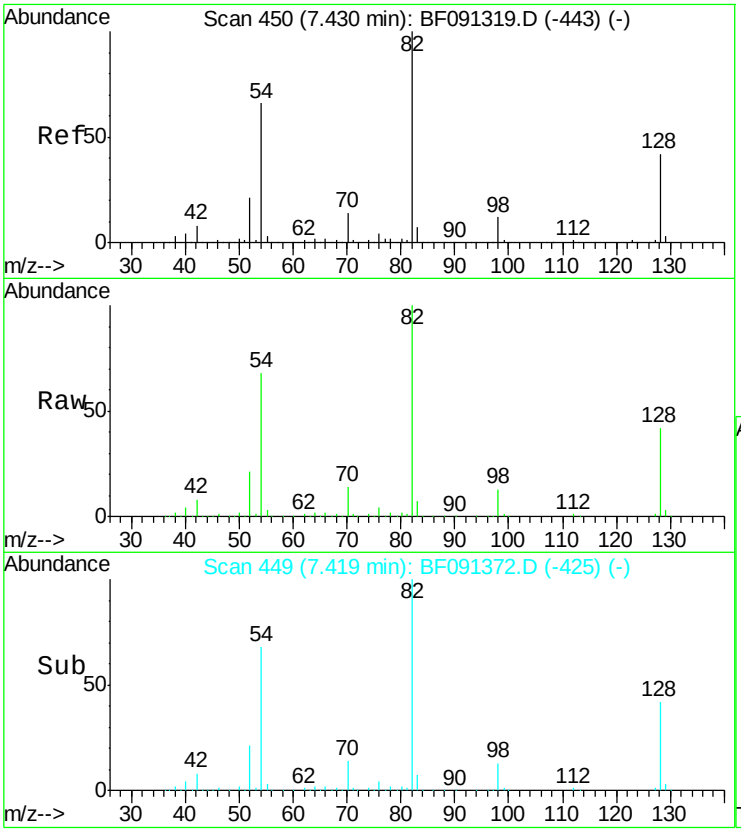


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 512
Delta R.T. -0.03 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Tgt Ion:136 Resp: 721426

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	13.2	9.1	13.7
68	6.3	5.9	8.9



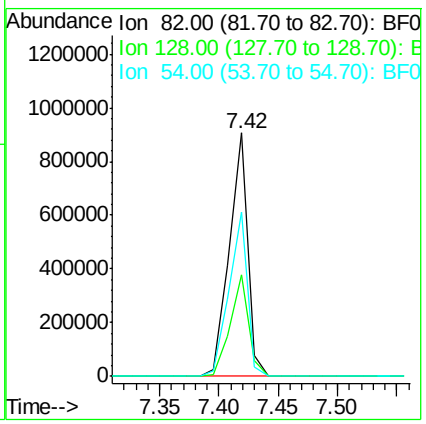


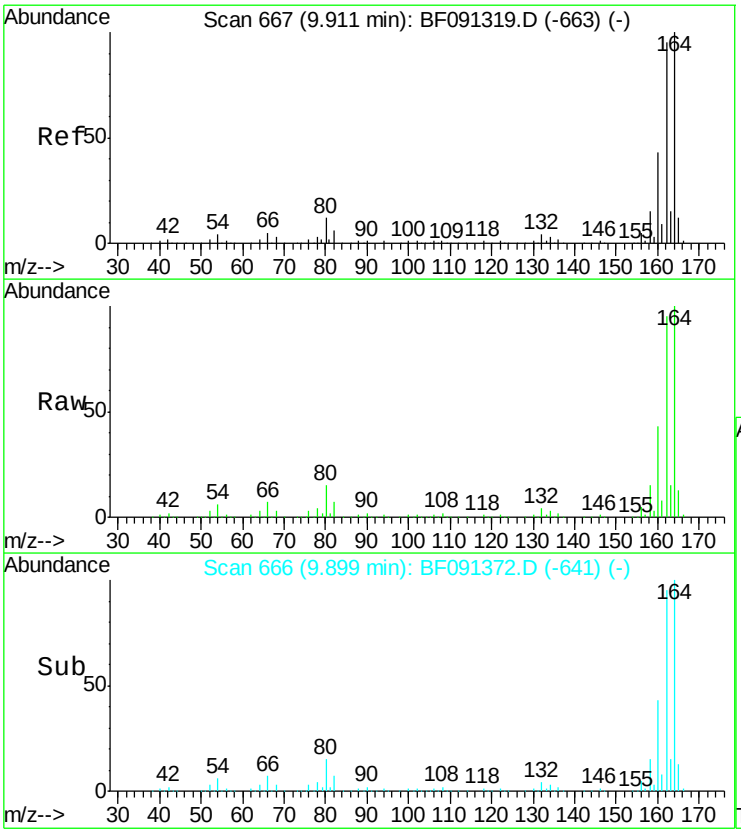
#23
Nitrobenzene-d5
Concen: 75.81 ng
RT: 7.42 min Scan# 449
Delta R.T. -0.03 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Instrument :
BNA_F
ClientSampleId :
PB94983BL

Tgt Ion: 82 Resp: 975973

Ion	Ratio	Lower	Upper
82	100		
128	41.6	31.8	47.6
54	67.7	49.1	73.7

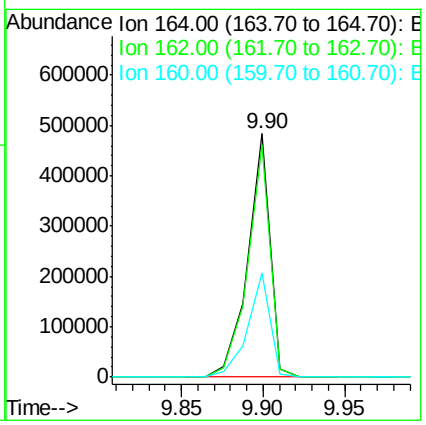


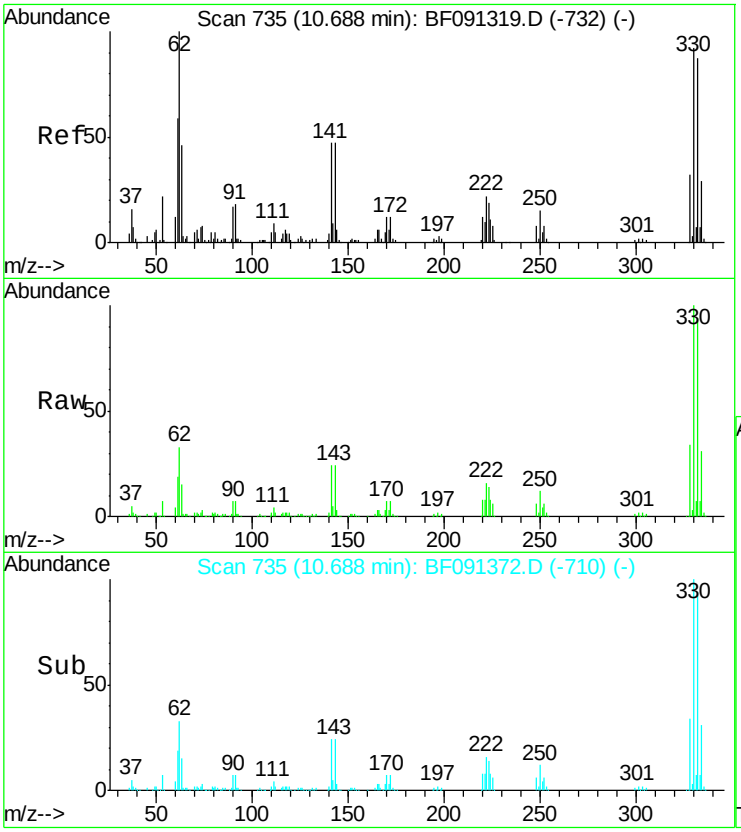


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Tgt Ion:164 Resp: 456696

Ion	Ratio	Lower	Upper
164	100		
162	95.1	82.6	124.0
160	43.0	36.7	55.1



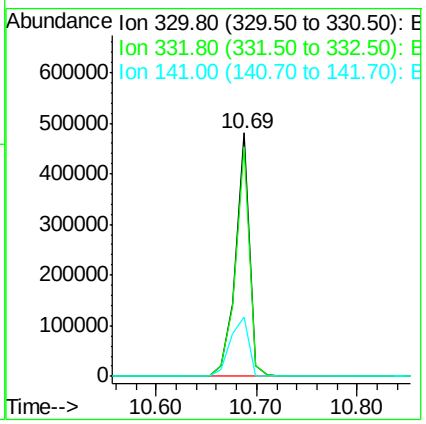


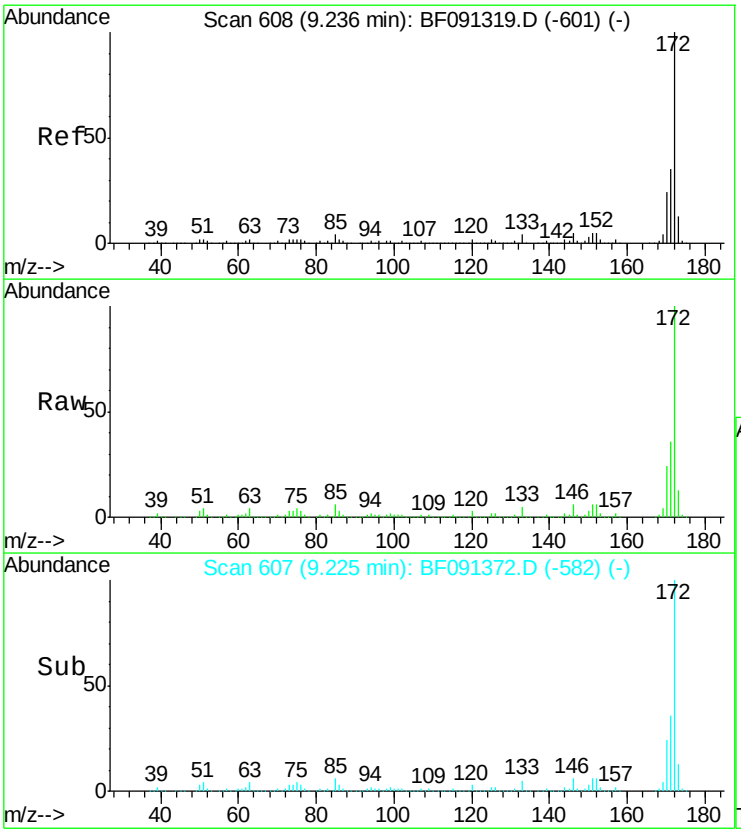
#41
2,4,6-Tribromophenol
Concen: 107.02 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Instrument :
BNA_F
ClientSampleId :
PB94983BL

Tgt Ion:330 Resp: 462708

Ion	Ratio	Lower	Upper
330	100		
332	94.4	76.2	114.4
141	32.4	33.6	50.4#

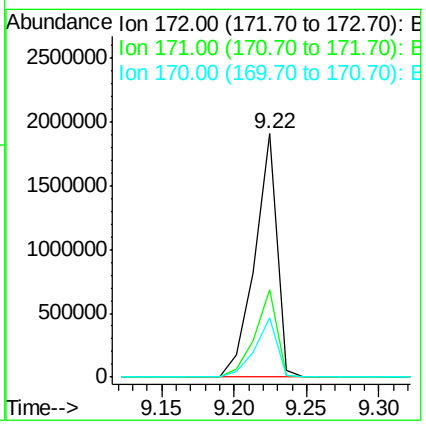


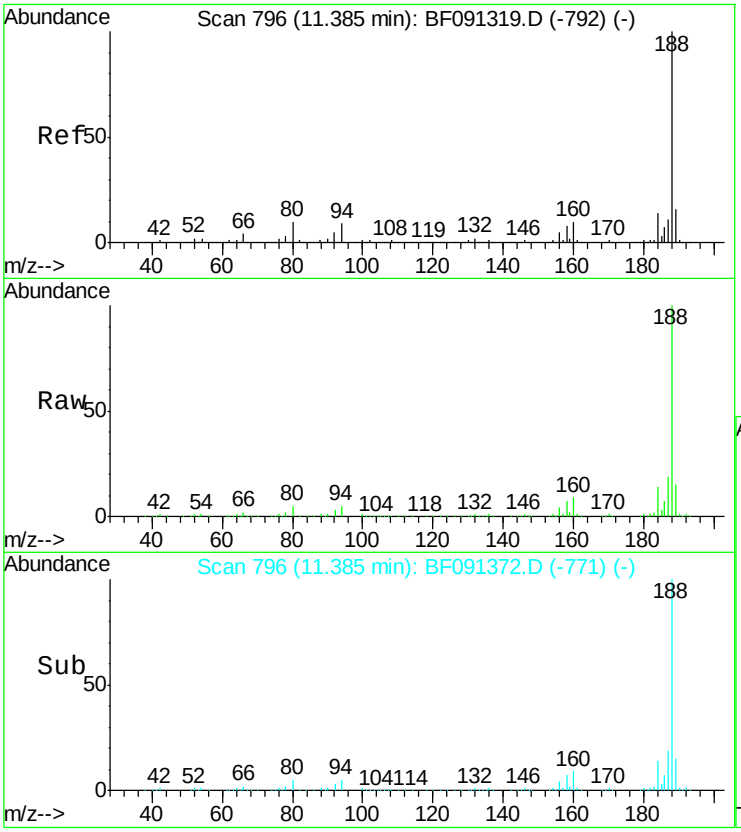


#44
2-Fluorobiphenyl
Concen: 80.42 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Tgt Ion:172 Resp: 2028518

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.4	44.0
170	24.3	19.7	29.5



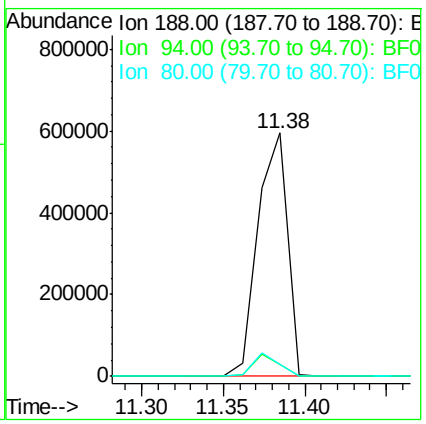


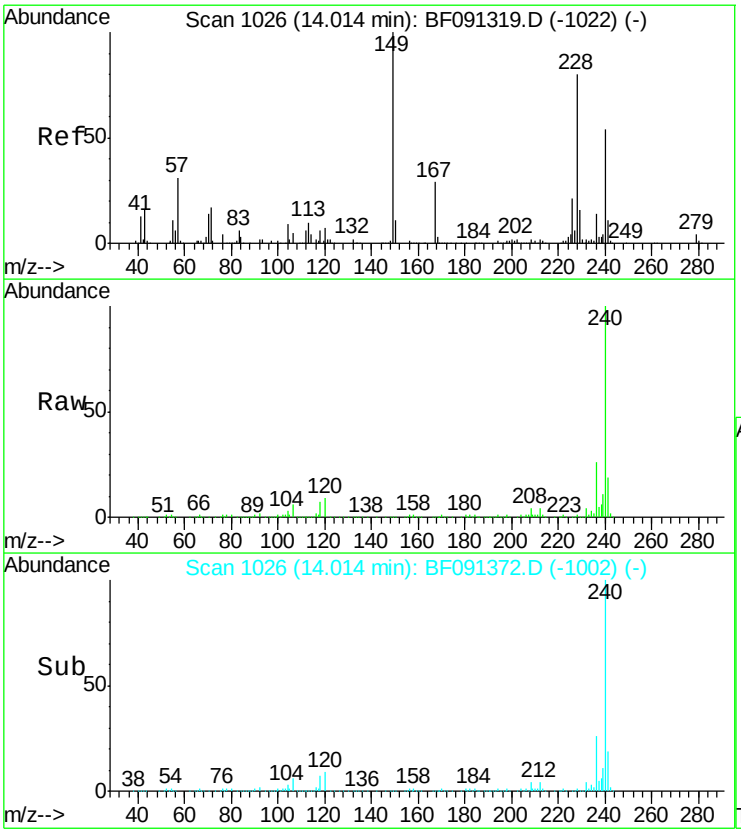
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Instrument :
BNA_F
ClientSampleId :
PB94983BL

Tgt Ion:188 Resp: 753177

Ion	Ratio	Lower	Upper
188	100		
94	5.1	9.2	13.8#
80	5.0	10.5	15.7#

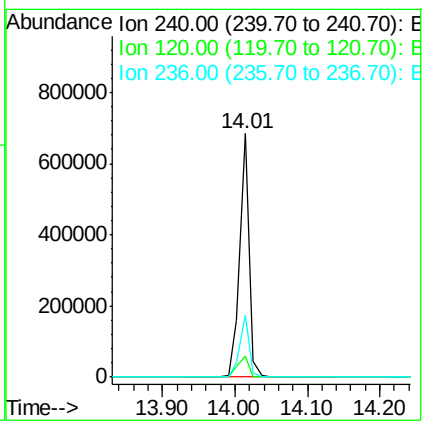


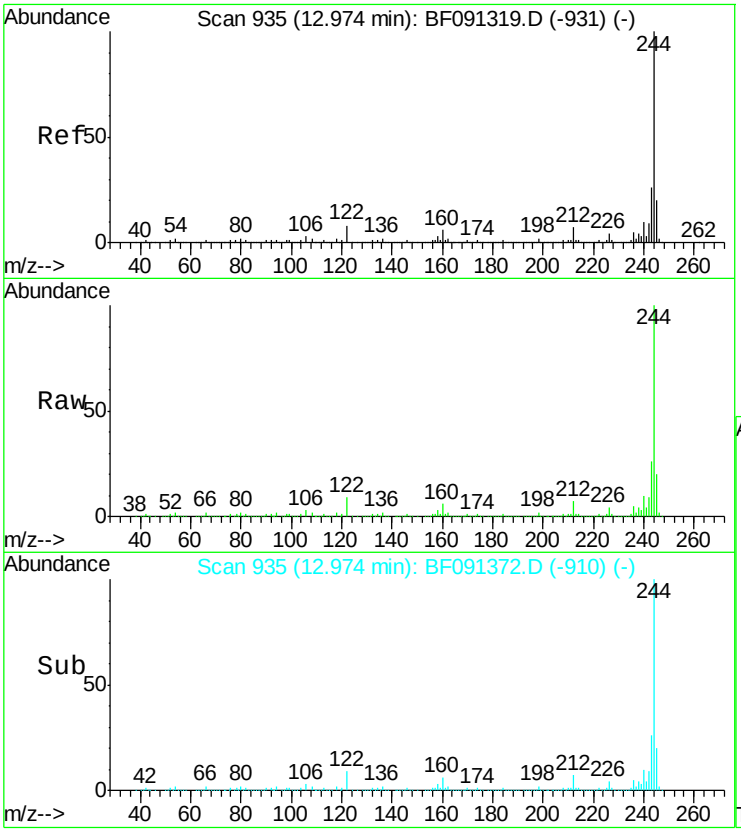


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Tgt Ion:240 Resp: 625073

Ion	Ratio	Lower	Upper
240	100		
120	8.6	12.1	18.1#
236	25.5	21.0	31.6



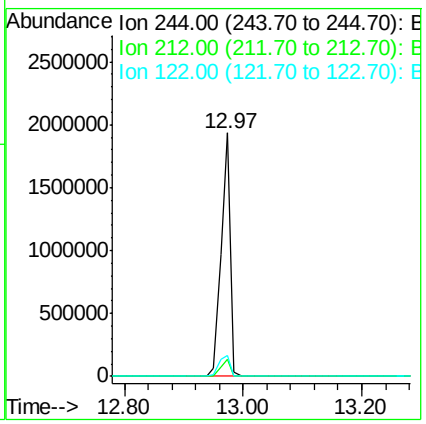


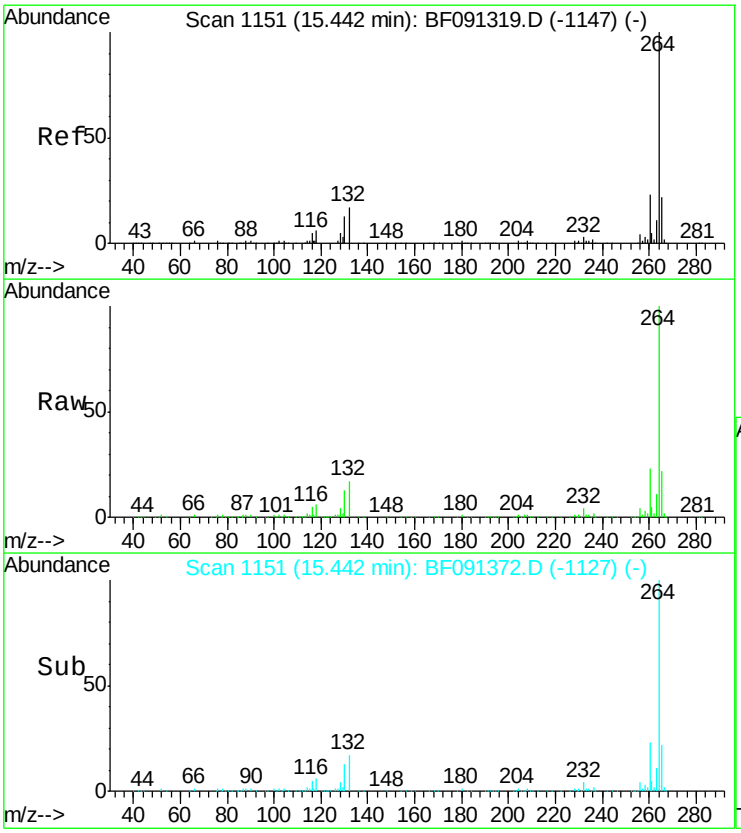
#78
Terphenyl-d14
Concen: 71.96 ng
RT: 12.97 min Scan# 935
Delta R.T. -0.02 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Instrument :
BNA_F
ClientSampleId :
PB94983BL

Tgt Ion:244 Resp: 2069412

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.5	9.7
122	8.8	9.5	14.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF091372.D
Acq: 1 Dec 2016 14:58

Tgt Ion:264 Resp: 454138

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.8	28.2
265	22.4	17.0	25.6