Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121916\
Data File : BF091789.D
Acq On : 19 Dec 2016 22:42
Operator : UM/SJ
Sample : H6011-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-06

Quant Time: Dec 20 00:25:06 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	246577	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	979347	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	465134	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	819052	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	550138	20.00	ng	-0.02
86) Perylene-d12	15.31	264	444619	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	873279	59.34	ng	-0.01
7) Phenol-d6	6.40	99	705206	39.29	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1381232	81.33	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	561486	142.36	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2436222	105.23	ng	-0.01
78) Terphenyl-d14	12.86	244	1835940	84.26	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.41	94	41171	2.04	ng	94

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

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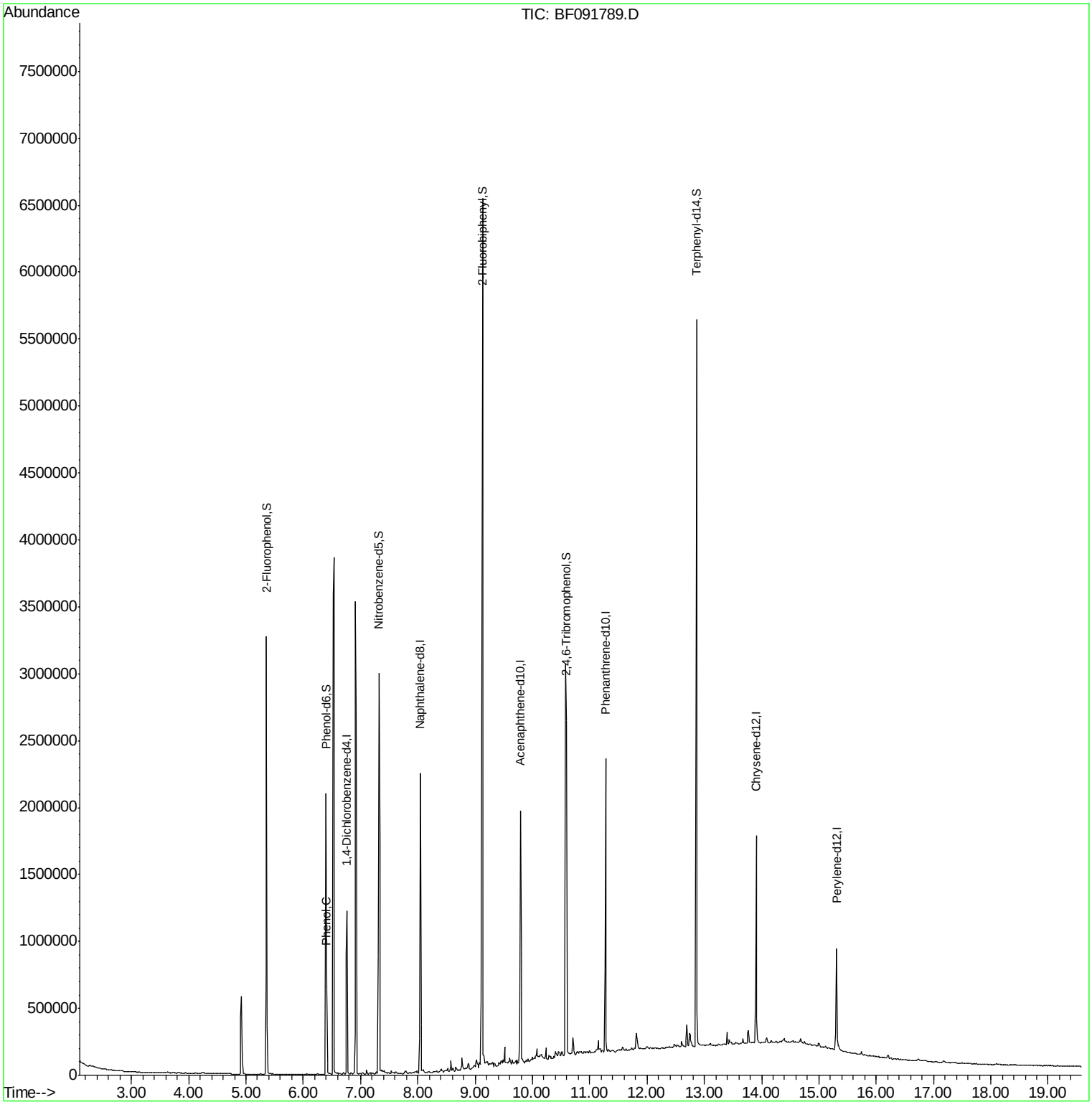
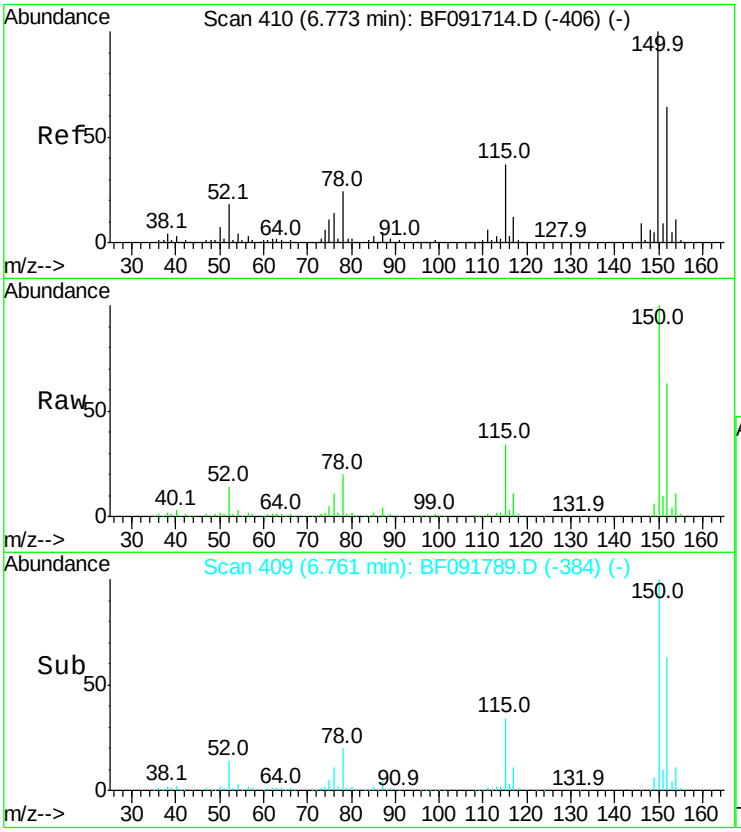


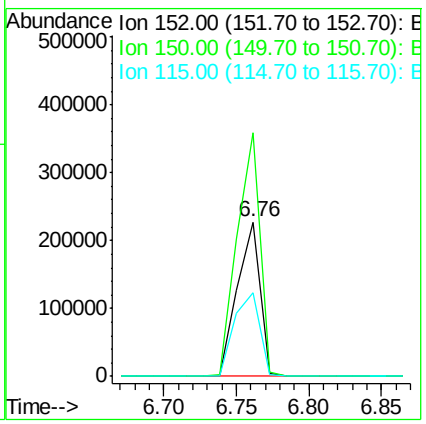


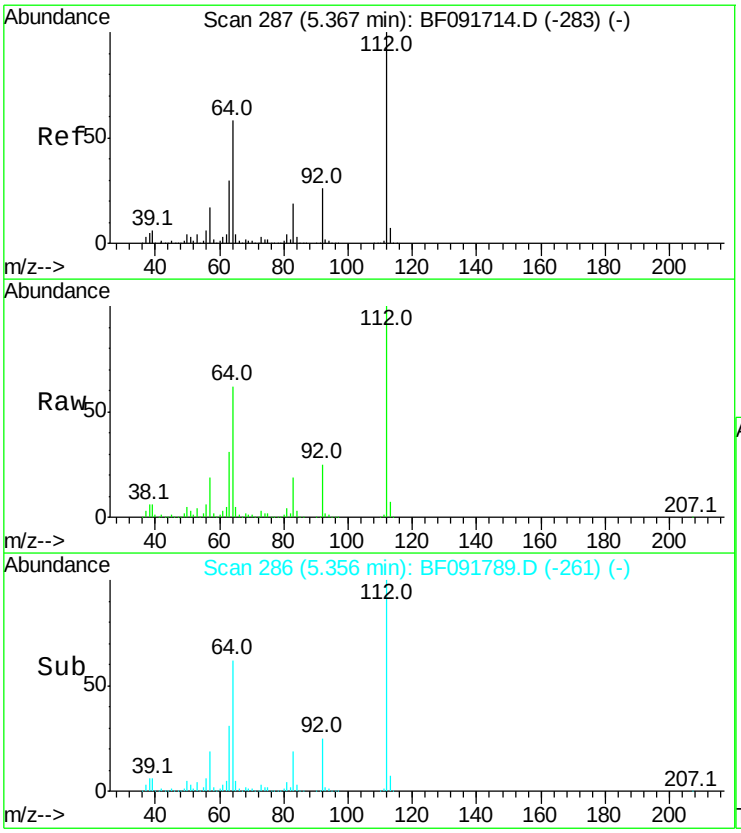
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:152 Resp: 246577

Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.9	187.3
115	53.9	46.0	69.0

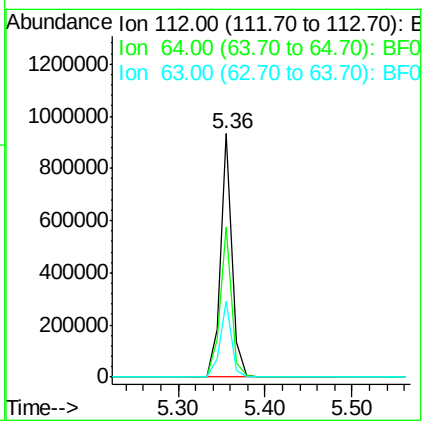


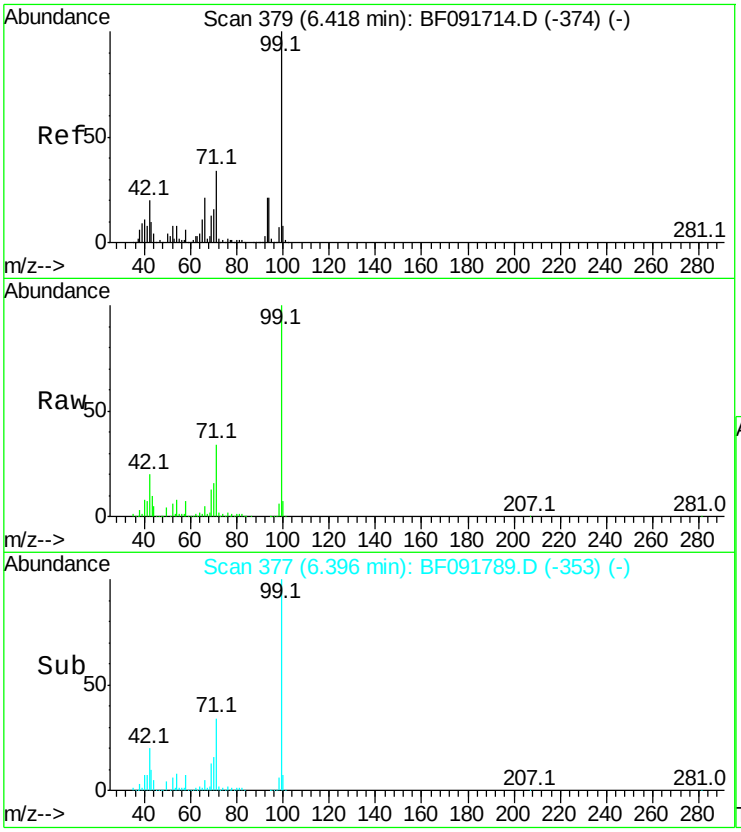


#5
2-Fluorophenol
Concen: 59.34 ng
RT: 5.36 min Scan# 286
Delta R.T. -0.01 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Tgt Ion:112 Resp: 873279

Ion	Ratio	Lower	Upper
112	100		
64	61.7	46.1	69.1
63	31.4	23.8	35.6



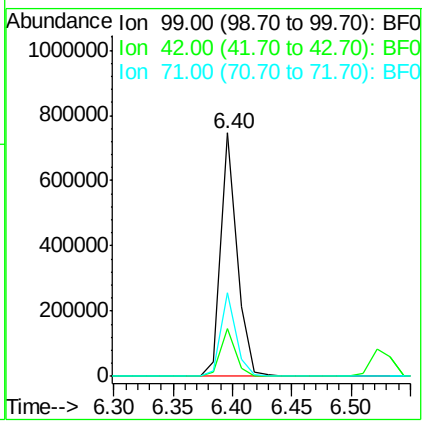


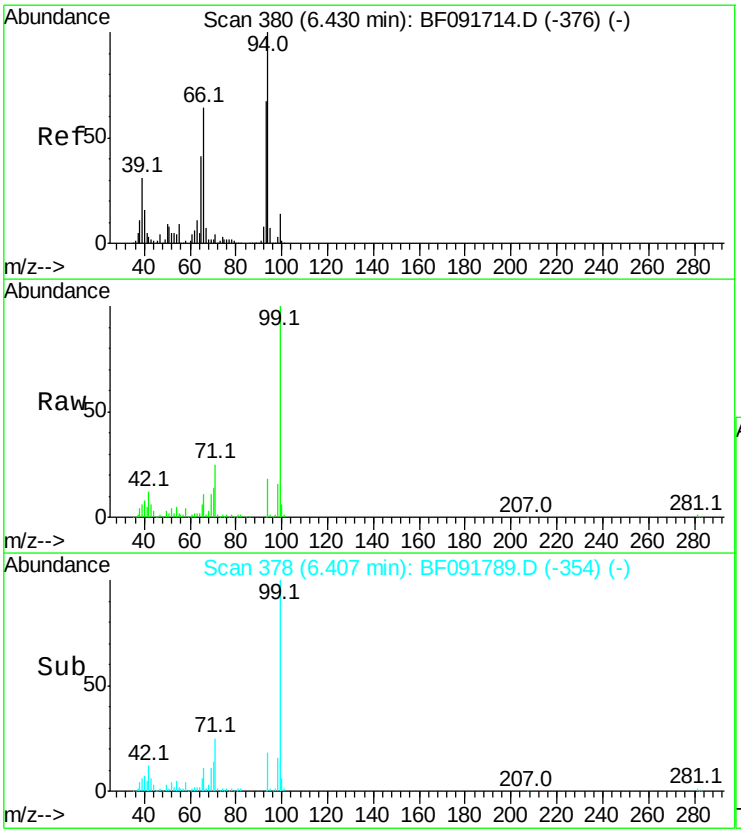
#7
Phenol-d6
Concen: 39.29 ng
RT: 6.40 min Scan# 377
Delta R.T. -0.02 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion: 99 Resp: 705206

Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.6	23.4
71	34.1	27.5	41.3

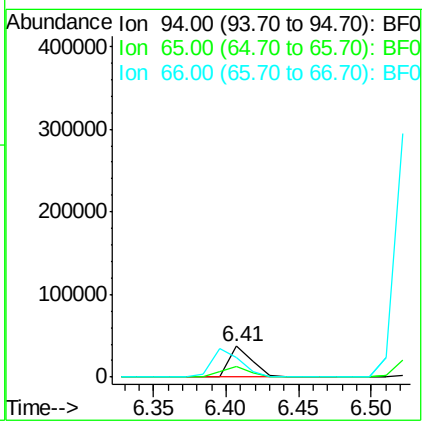


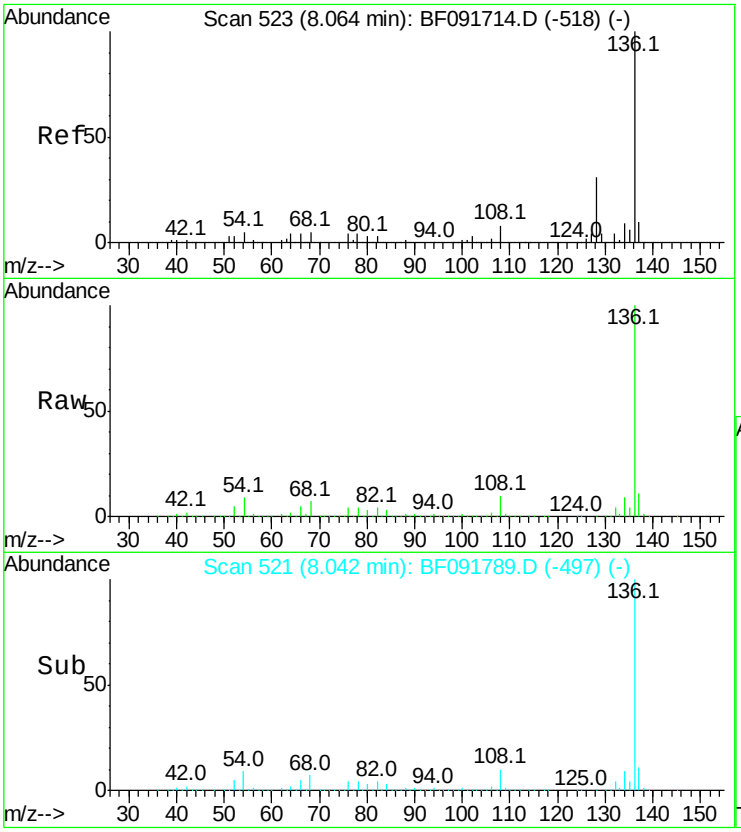


#10
Phenol
Concen: 2.04 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Tgt Ion: 94 Resp: 41171

Ion	Ratio	Lower	Upper
94	100		
65	34.9	21.4	61.4
66	61.5	44.0	84.0



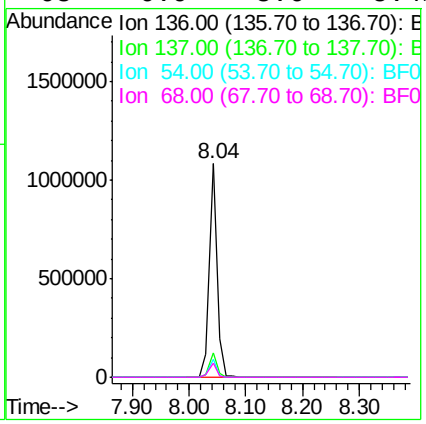


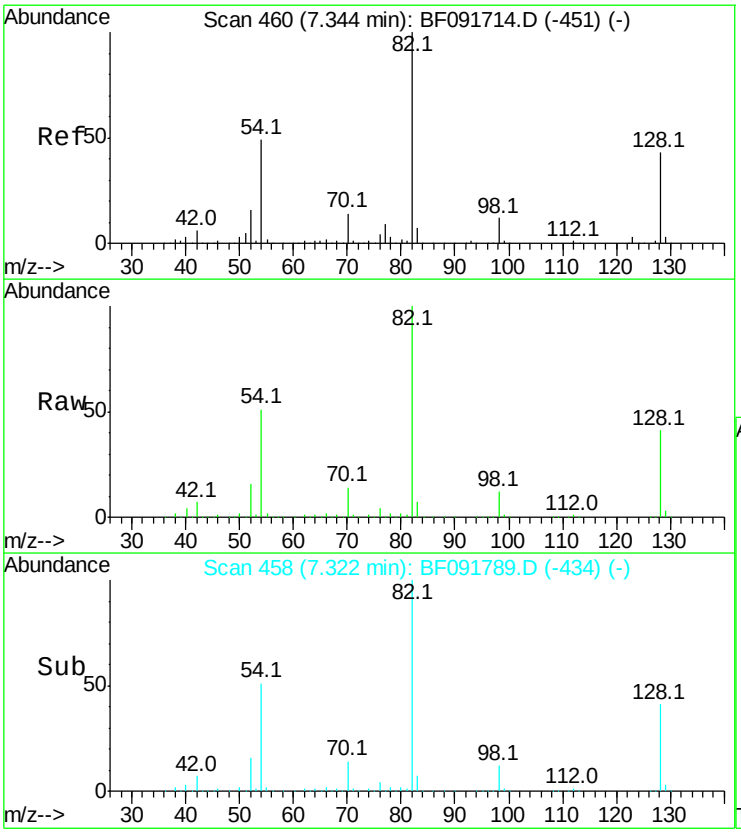
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:136 Resp: 979347

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.6	4.5	6.7#
68	6.9	3.6	5.4#

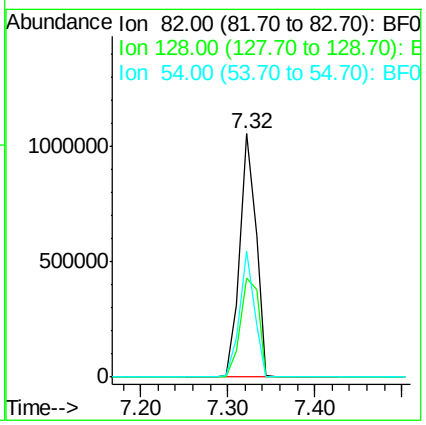


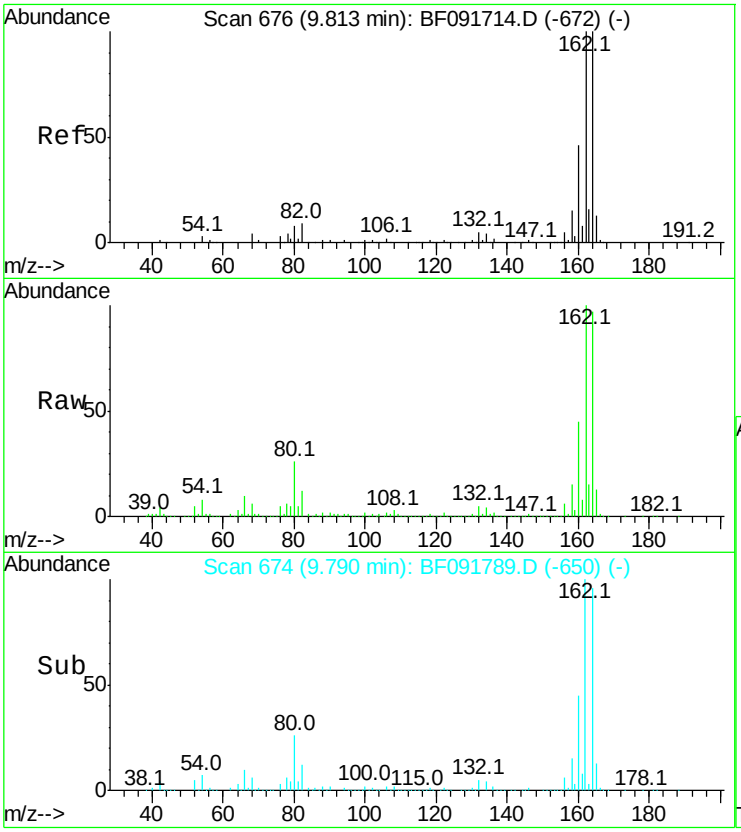


#23
Nitrobenzene-d5
Concen: 81.33 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.02 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Tgt Ion: 82 Resp: 1381232

Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.6	52.0
54	51.5	39.5	59.3



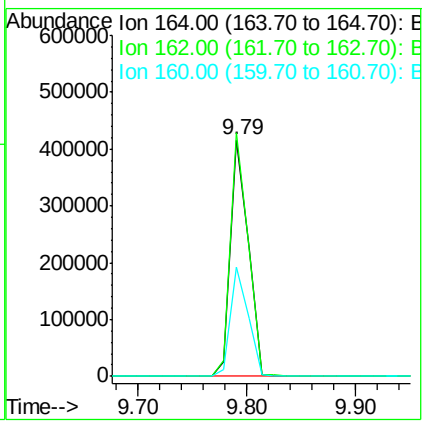


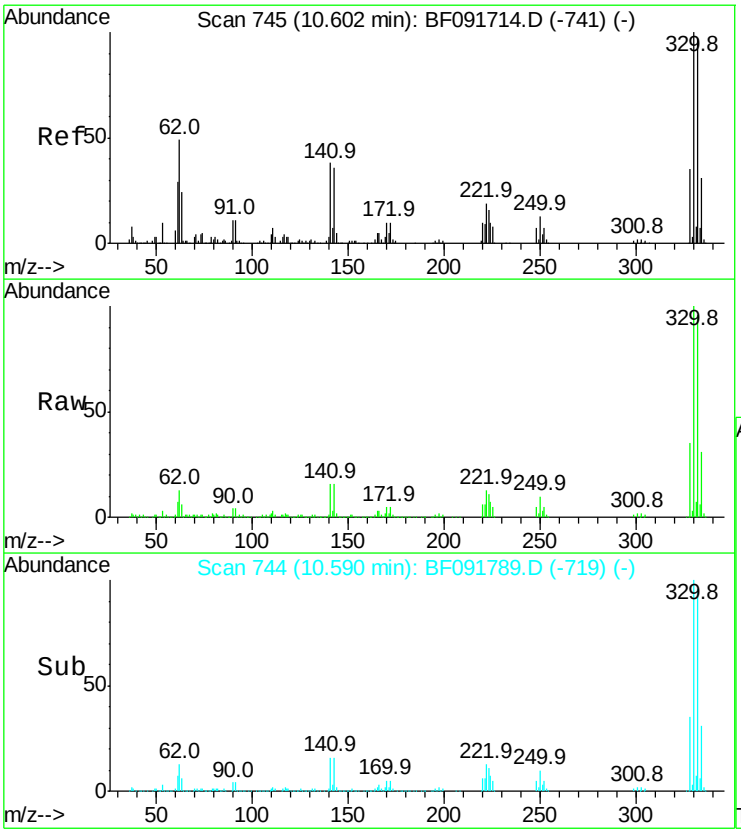
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.02 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:164 Resp: 465134

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	46.0	36.9	55.3

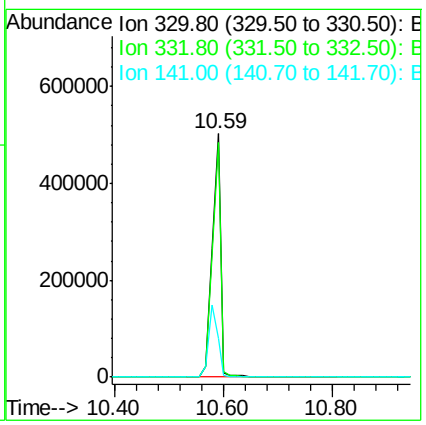


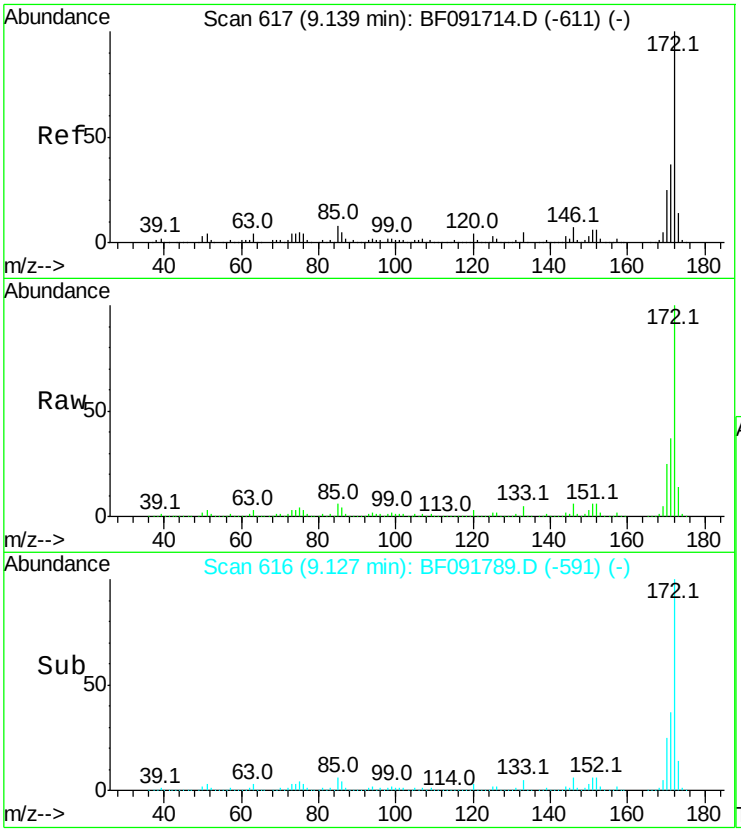


#41
2,4,6-Tribromophenol
Concen: 142.36 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Tgt Ion:330 Resp: 561486

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.4	116.2
141	31.5	34.1	51.1#



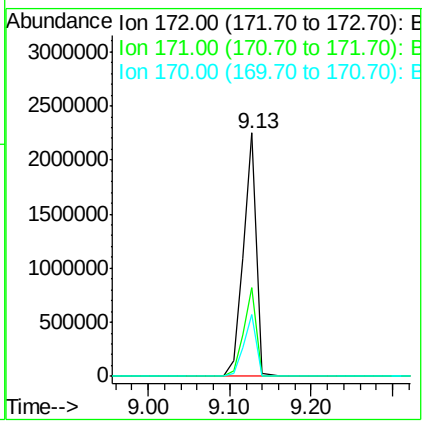


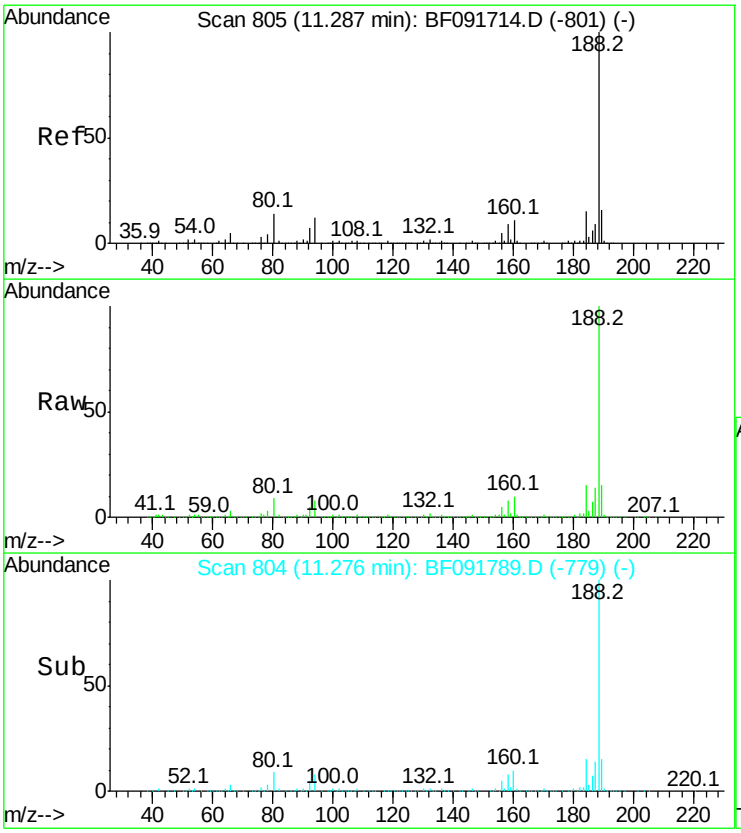
#44
2-Fluorobiphenyl
Concen: 105.23 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:172 Resp: 2436222

Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.4	20.2	30.4

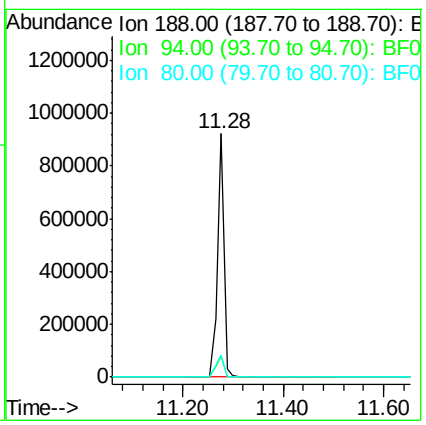


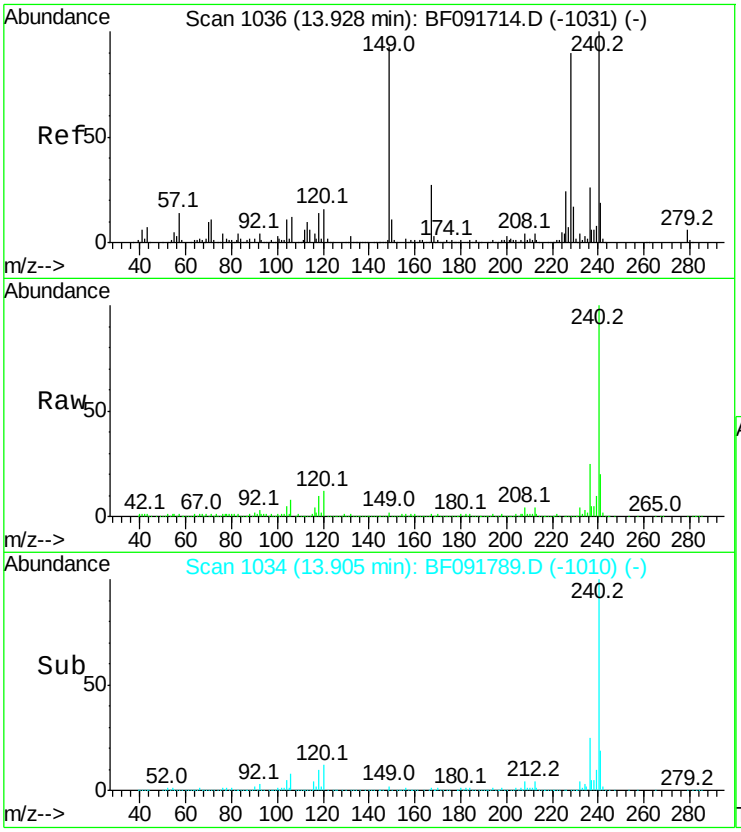


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Tgt Ion:188 Resp: 819052

Ion	Ratio	Lower	Upper
188	100		
94	8.5	10.0	15.0#
80	9.0	11.2	16.8#



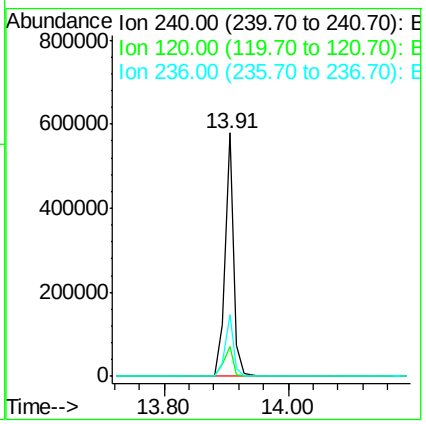


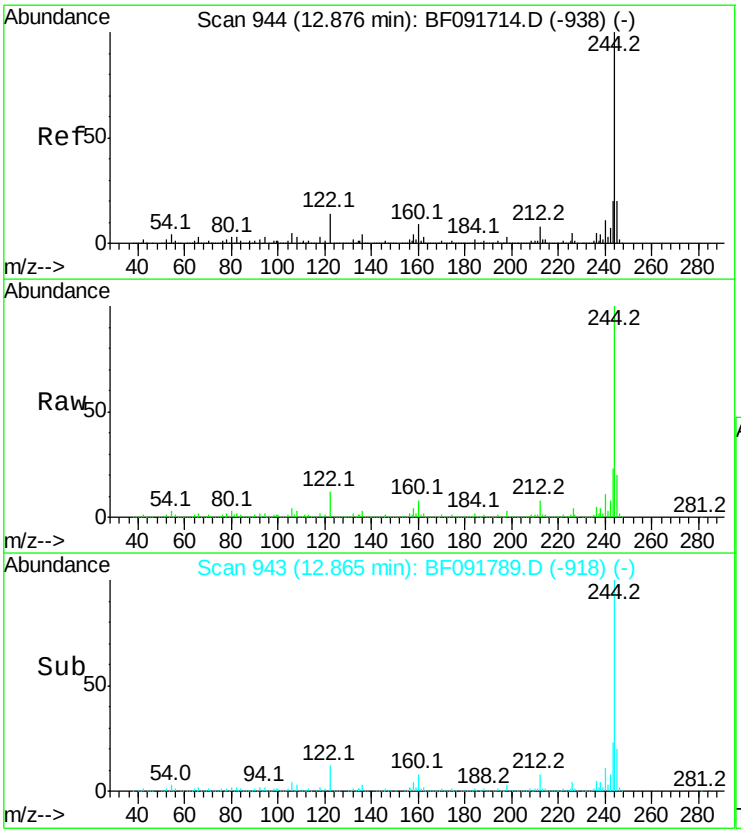
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.02 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:240 Resp: 550138

Ion	Ratio	Lower	Upper
240	100		
120	12.0	12.9	19.3#
236	25.4	20.9	31.3

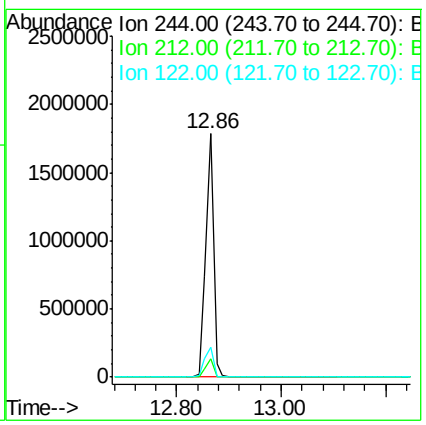


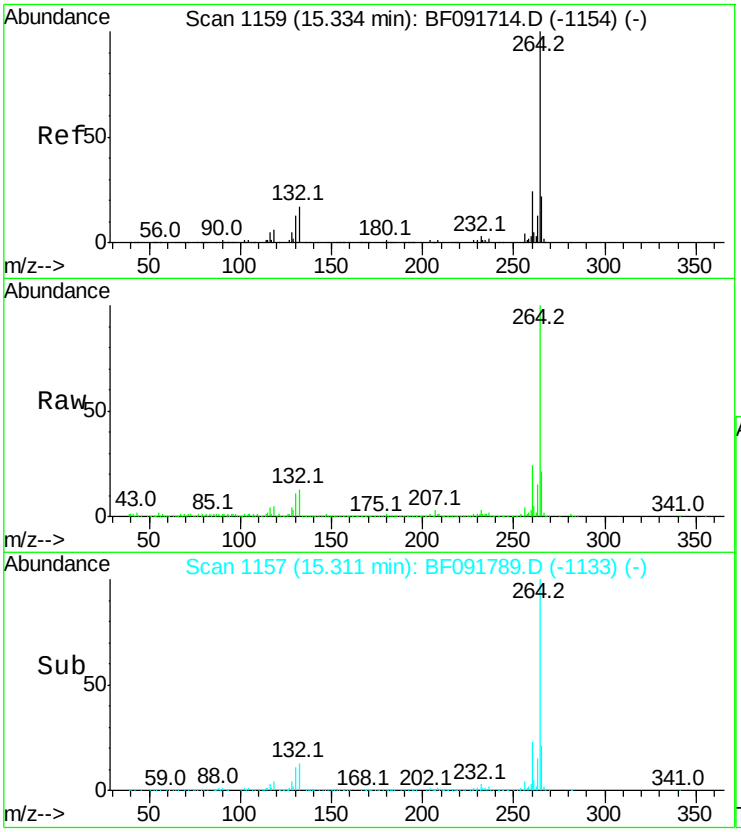


#78
Terphenyl-d14
Concen: 84.26 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF091789.D
Acq: 19 Dec 2016 22:42

Tgt Ion:244 Resp: 1835940

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	12.4	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: BF091789.D
Acq: 19 Dec 2016 22:42

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:264 Resp: 444619

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.1	17.4	26.0