Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
Data File : BF091701.D
Acq On : 17 Dec 2016 5:30
Operator : UM/SJ
Sample : H6090-02
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-20

Quant Time: Dec 17 23:21:07 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	238732	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	928927	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	418334	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	536959	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	494306	20.00	ng	-0.01
86) Perylene-d12	15.32	264	370737	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	346046	24.42	ng	-0.01
7) Phenol-d6	6.41	99	426000	24.11	ng	-0.02
23) Nitrobenzene-d5	7.33	82	887448	53.32	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	251092	72.26	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1430380	59.08	ng	-0.01
78) Terphenyl-d14	12.88	244	869930	39.94	ng	-0.02
Target Compounds						Qvalue

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

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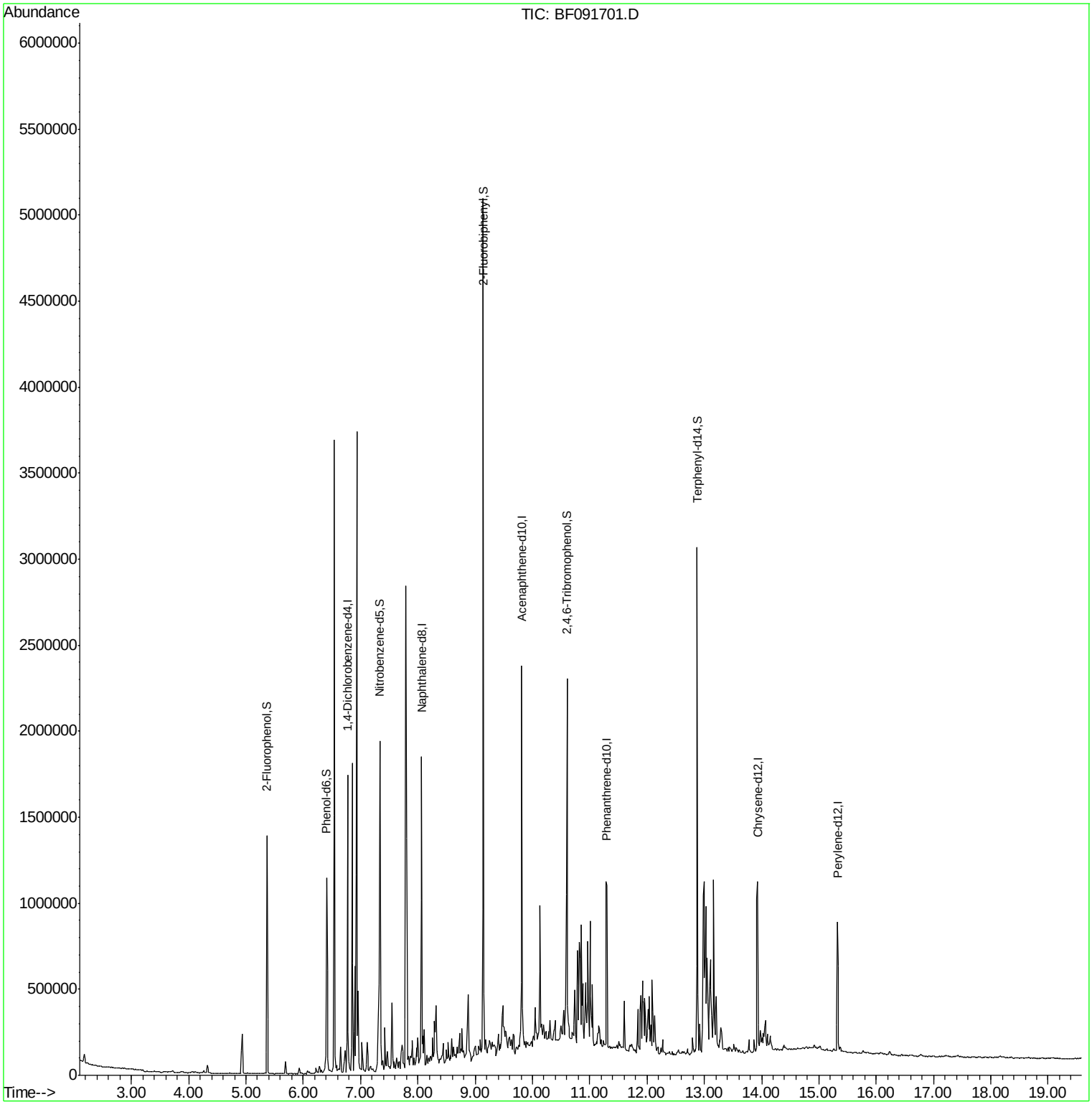
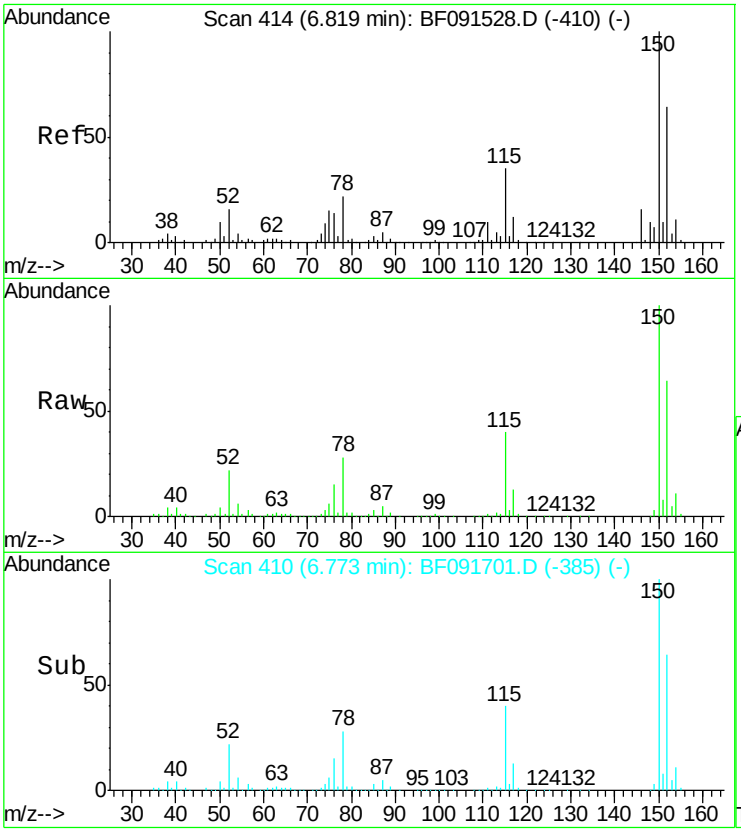


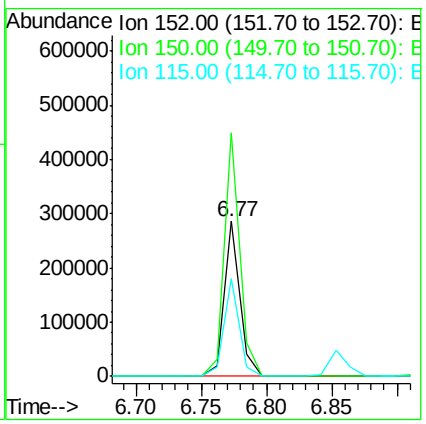


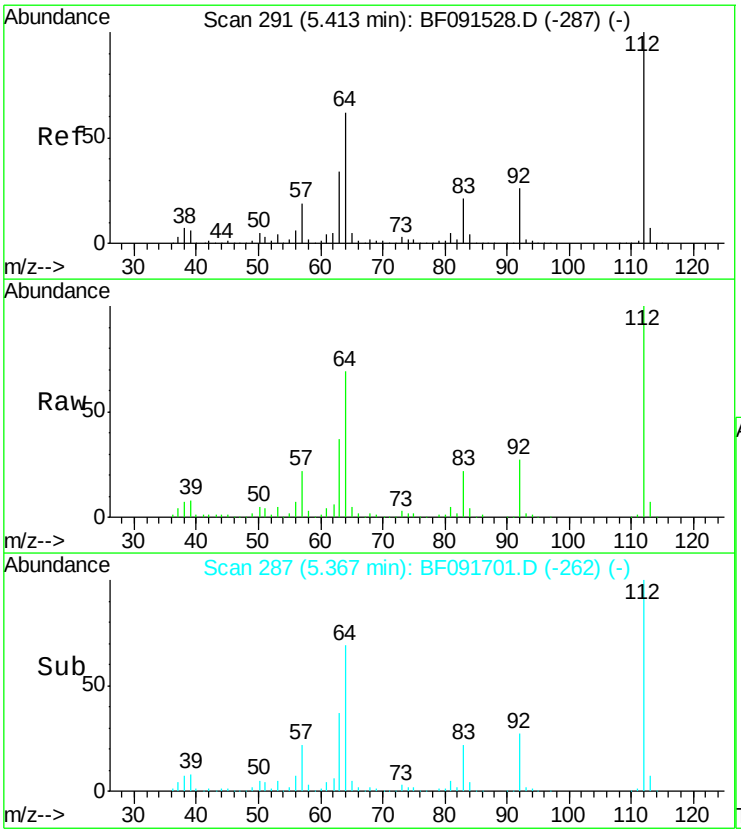
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:152 Resp: 238732

Ion	Ratio	Lower	Upper
152	100		
150	156.9	122.5	183.7
115	62.8	51.8	77.8

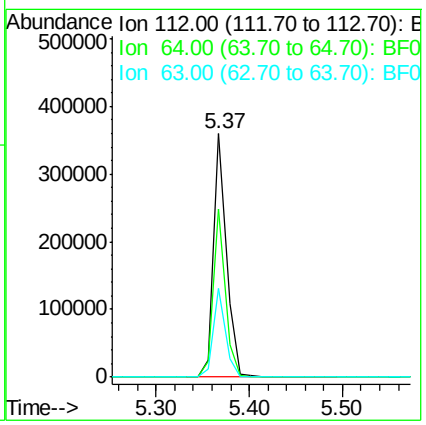




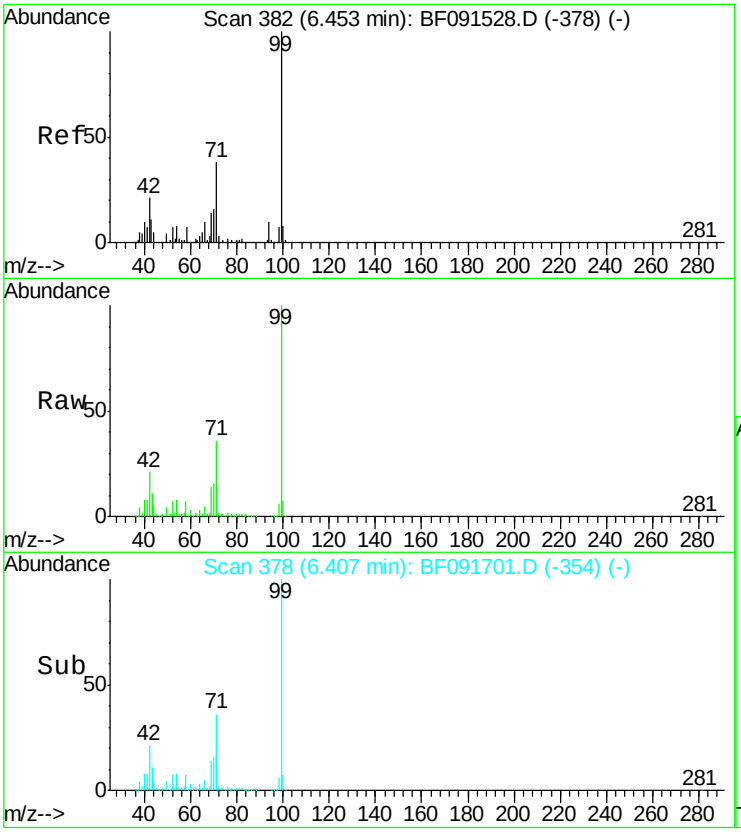
#5
2-Fluorophenol
Concen: 24.42 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion:112 Resp: 346046

Ion	Ratio	Lower	Upper
112	100		
64	69.1	61.5	92.3
63	36.7	33.3	49.9



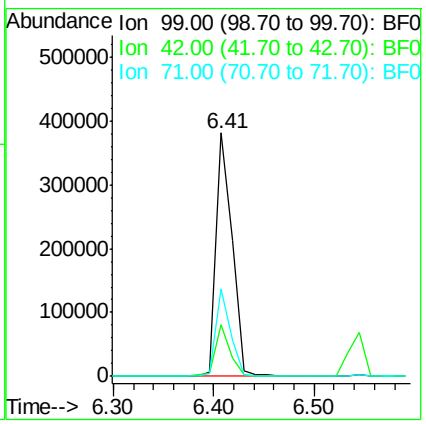
Instrument :
BNA_F
ClientSampleId :
MW-20

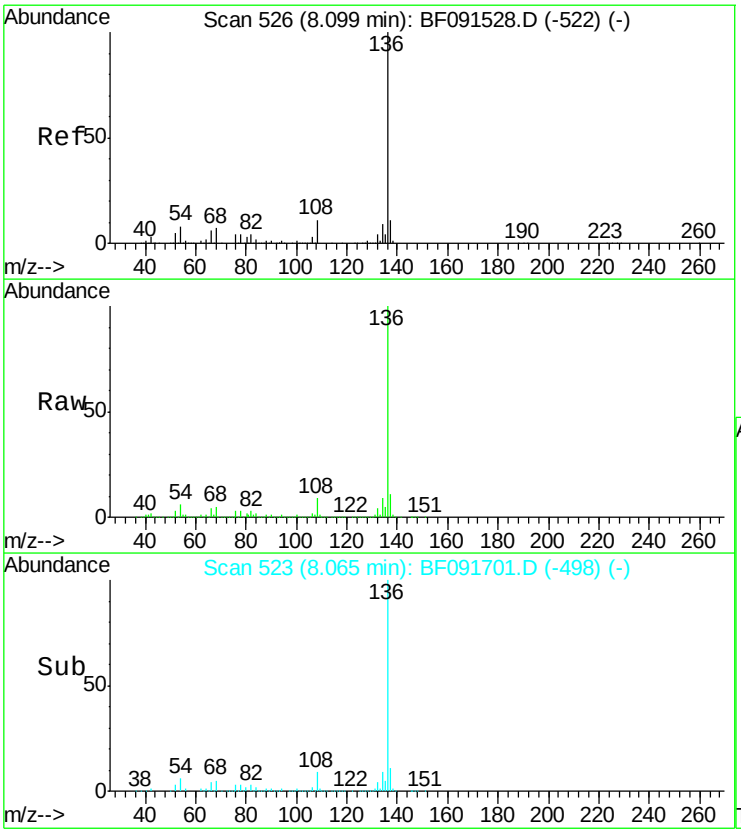


#7
Phenol-d6
Concen: 24.11 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.02 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion: 99 Resp: 426000

Ion	Ratio	Lower	Upper
99	100		
42	21.1	20.6	31.0
71	35.9	29.9	44.9

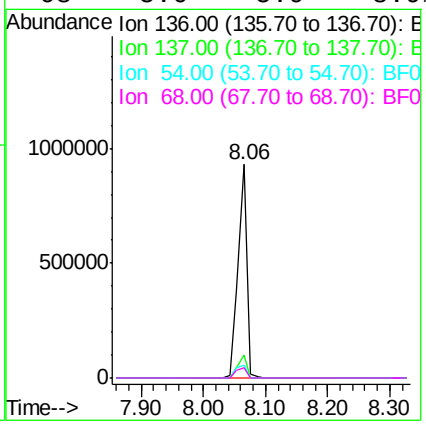


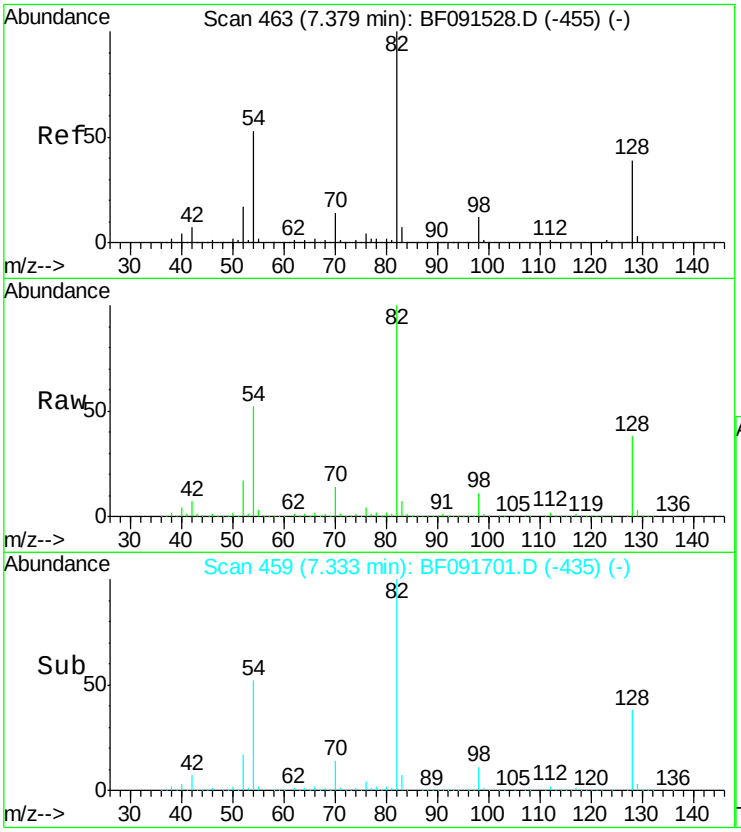


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion:136 Resp: 928927

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	5.9	9.1	13.7#
68	5.0	5.9	8.9#



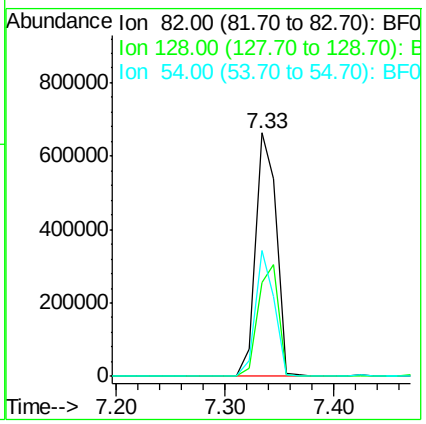


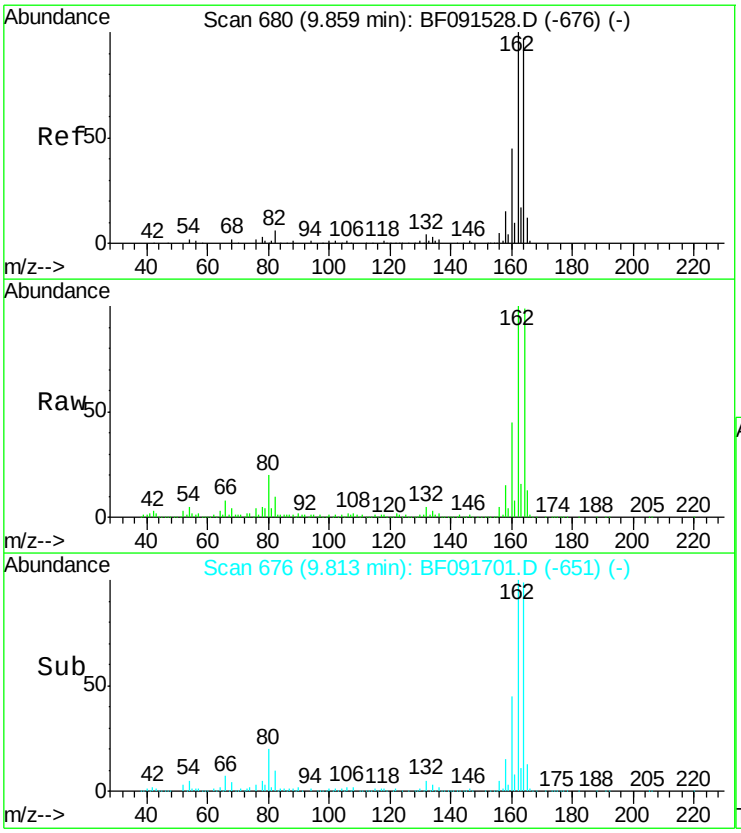
#23
Nitrobenzene-d5
Concen: 53.32 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.02 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion: 82 Resp: 887448

Ion	Ratio	Lower	Upper
82	100		
128	38.4	31.8	47.6
54	51.8	49.1	73.7

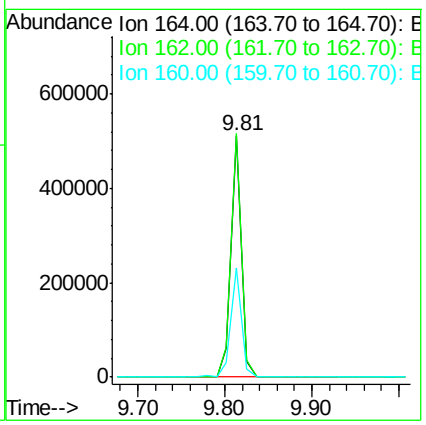


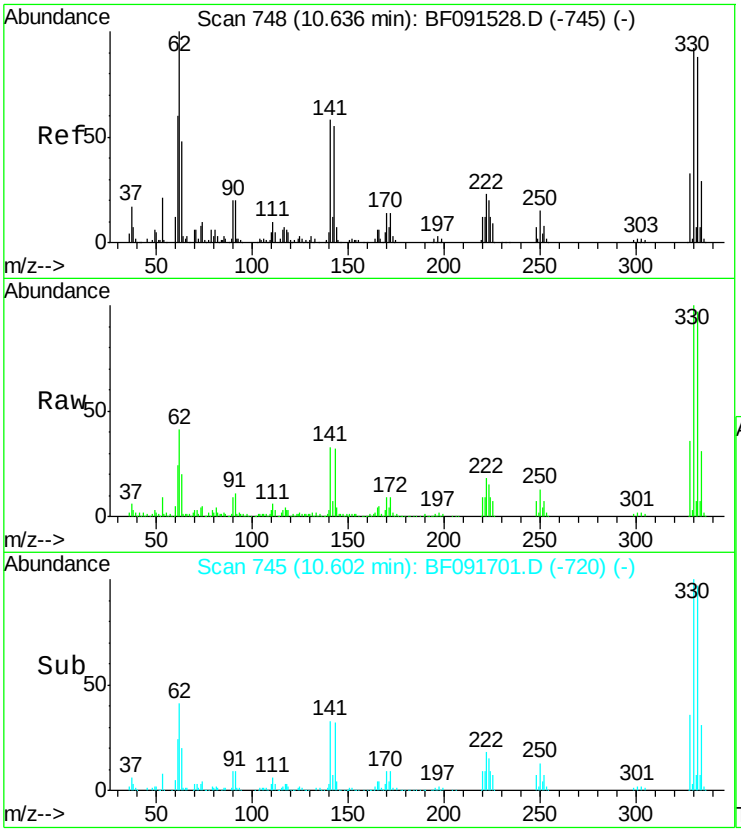


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion:164 Resp: 418334

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.6	124.0
160	45.6	36.7	55.1



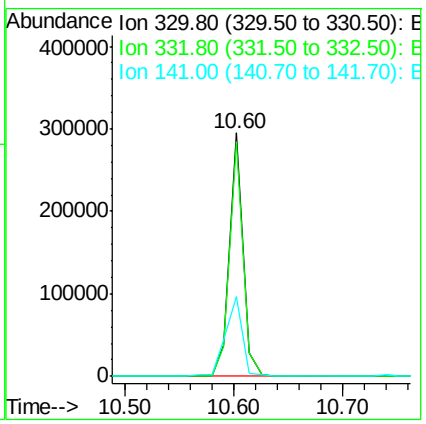


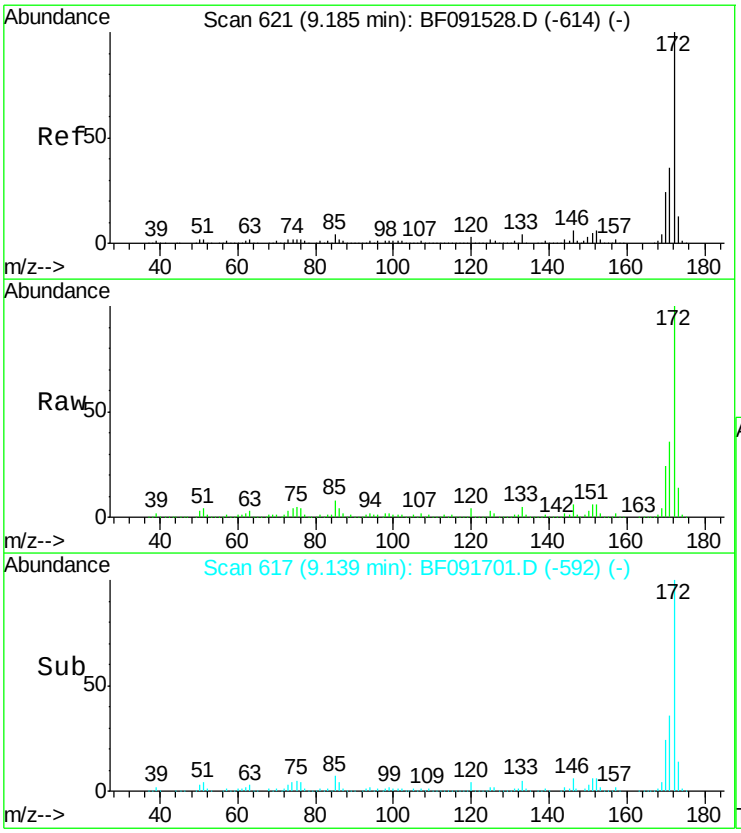
#41
2,4,6-Tribromophenol
Concen: 72.26 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:330 Resp: 251092

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	39.3	33.6	50.4

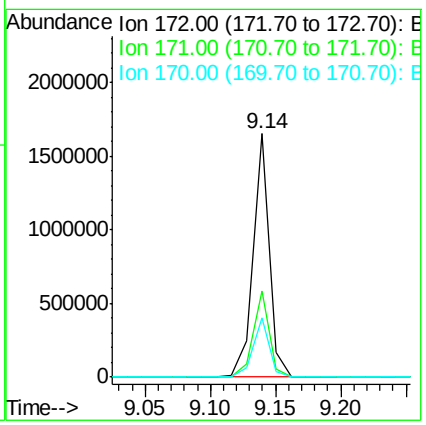


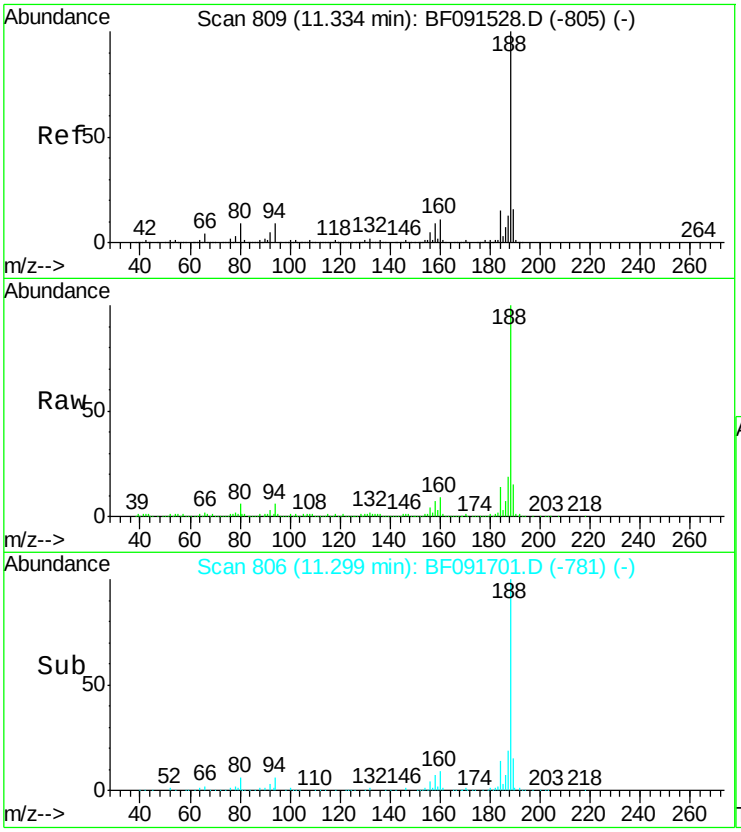


#44
2-Fluorobiphenyl
Concen: 59.08 ng
RT: 9.14 min Scan# 617
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion:172 Resp: 1430380

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.3	19.7	29.5



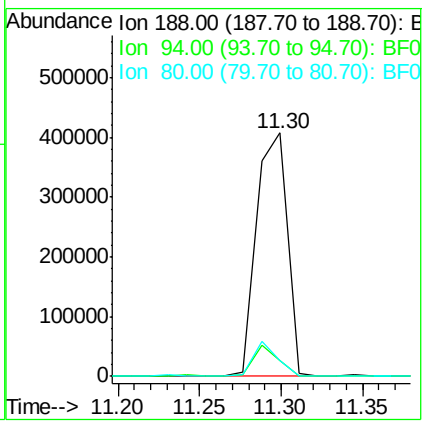


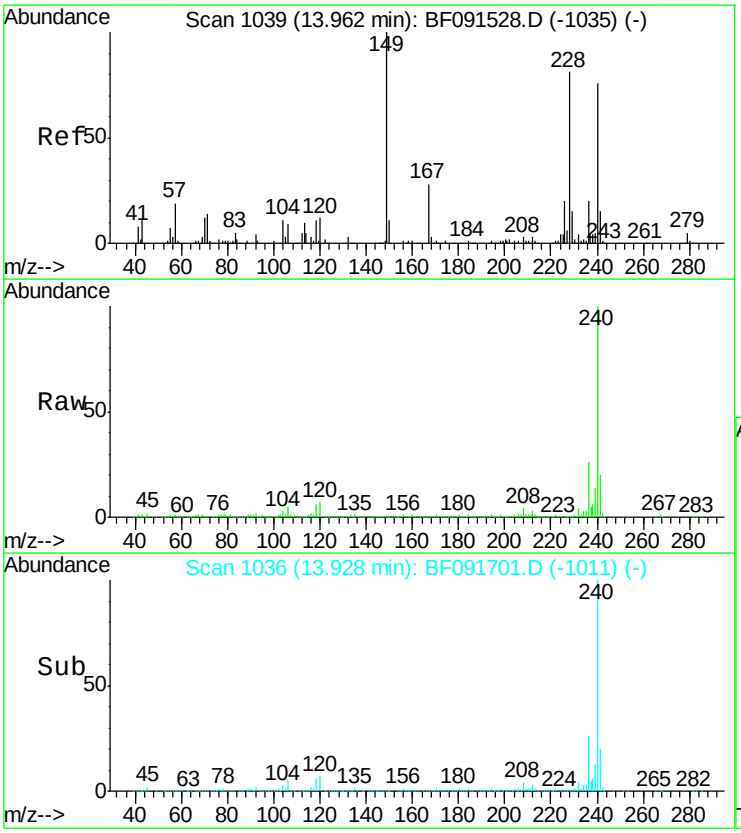
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:188 Resp: 536959

Ion	Ratio	Lower	Upper
188	100		
94	6.3	9.2	13.8#
80	6.3	10.5	15.7#

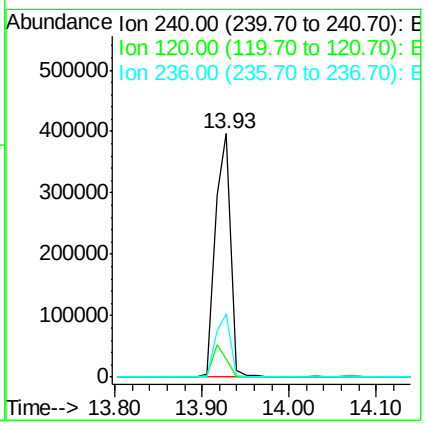


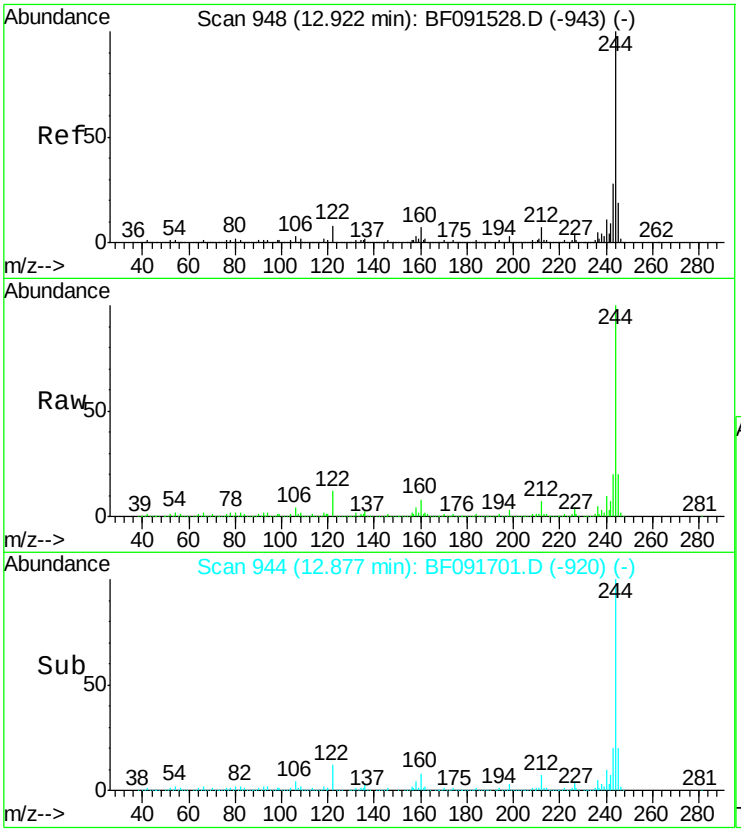


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion:240 Resp: 494306

Ion	Ratio	Lower	Upper
240	100		
120	7.3	12.1	18.1#
236	26.1	21.0	31.6



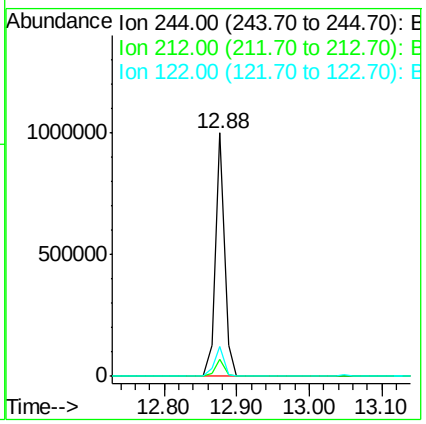


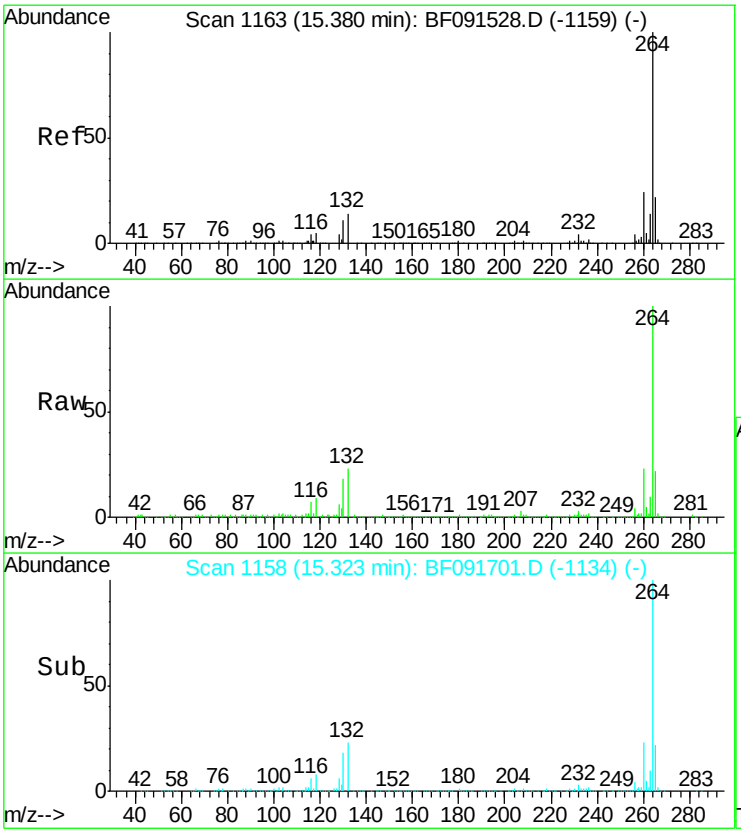
#78
Terphenyl-d14
Concen: 39.94 ng
RT: 12.88 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Instrument :
BNA_F
ClientSampleId :
MW-20

Tgt Ion:244 Resp: 869930

Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.5	9.7
122	12.1	9.5	14.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.02 min
Lab File: BF091701.D
Acq: 17 Dec 2016 5:30

Tgt Ion:264 Resp: 370737

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.8	28.2
265	22.0	17.0	25.6