Quantitation Report (LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088833.D
Acq On : 8 Jul 2016 19:26
Operator : UM/SJ
Sample : H3813-03 50X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-DL002-01

Quant Time: Jul 09 00:00:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	78156	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	301540	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	148596	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	269287	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	172751	20.00	ng	-0.01
86) Perylene-d12	15.23	264	154575	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1163	0.22	ng	0.00
7) Phenol-d6	6.38	99	1477	0.22	ng	0.00
23) Nitrobenzene-d5	7.29	82	968	0.17	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.08	172	2040	0.22	ng	-0.01
78) Terphenyl-d14	12.81	244	1794	0.23	ng	-0.01
Target Compounds						Qvalue

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

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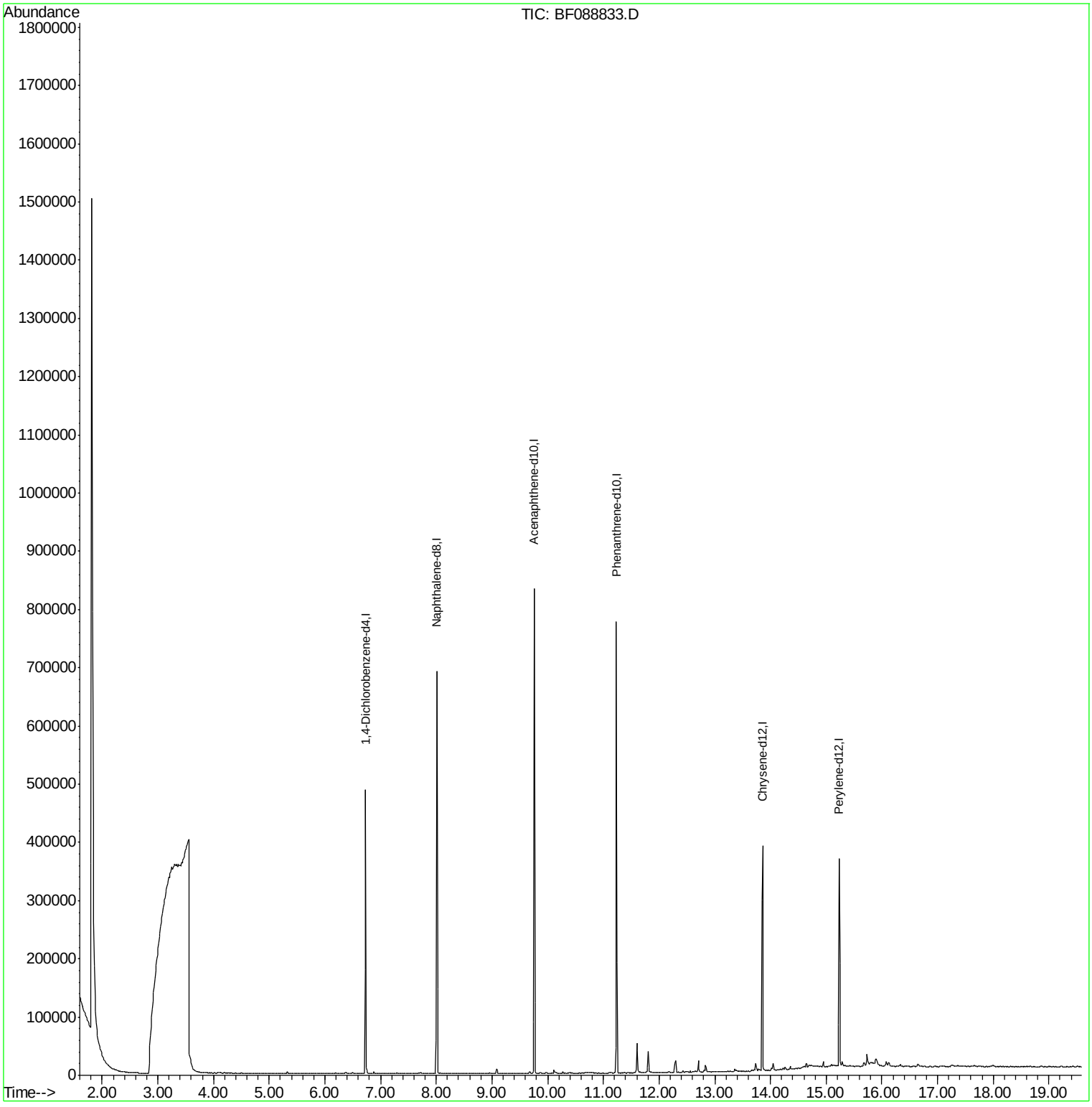
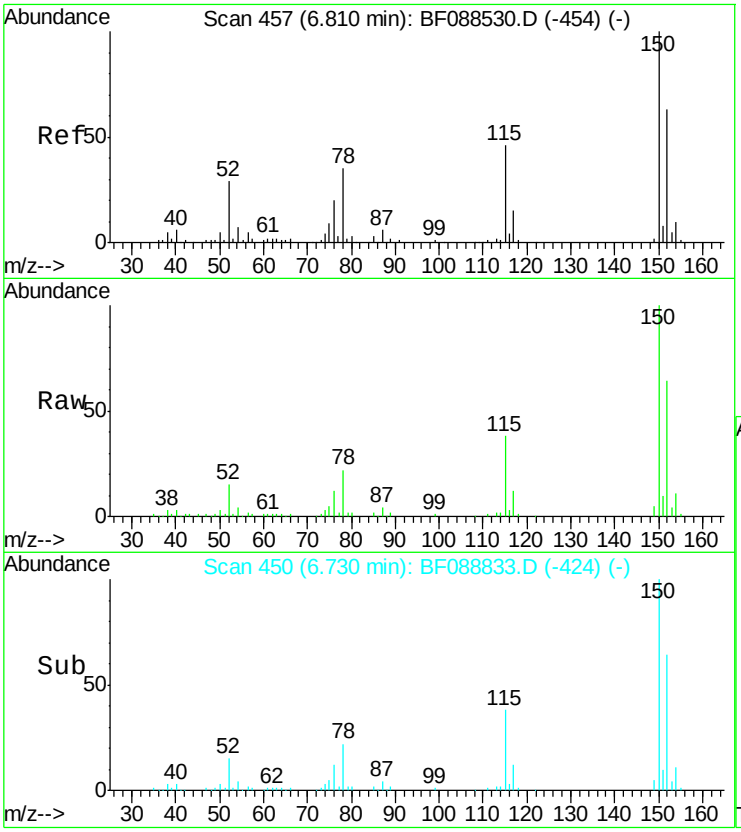


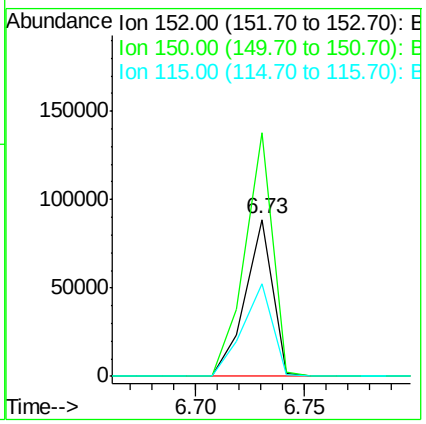


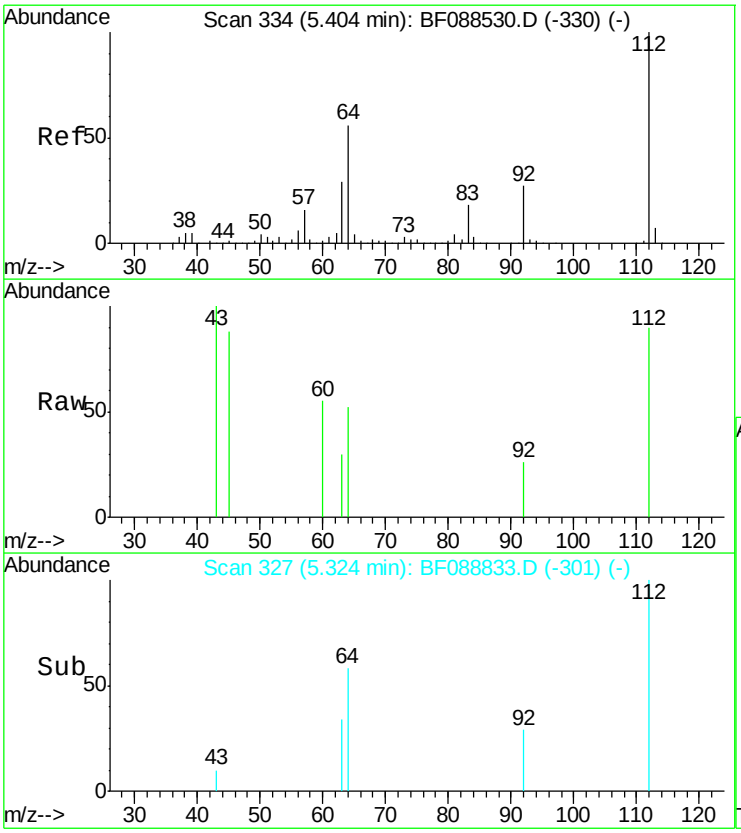
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion:152 Resp: 78156

Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.8	185.6
115	59.1	39.6	59.4

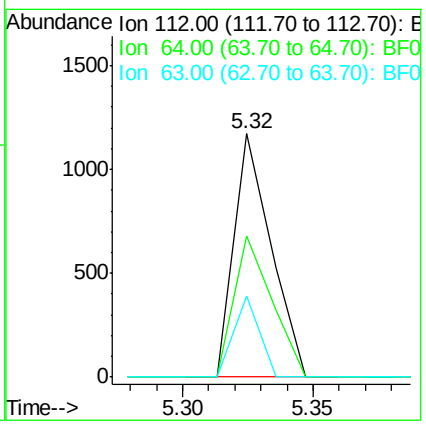


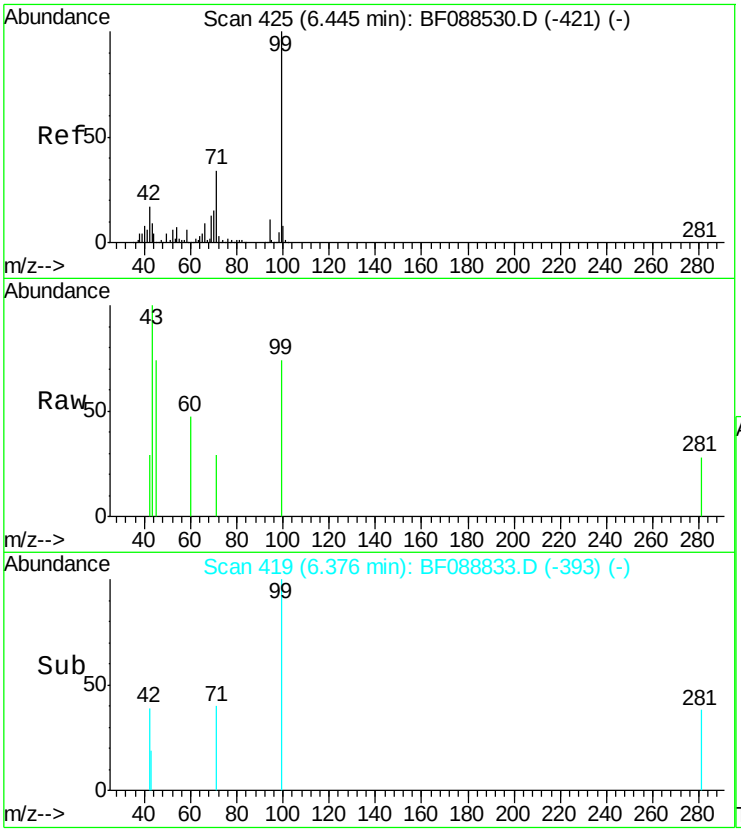


#5
2-Fluorophenol
Concen: 0.22 ng
RT: 5.32 min Scan# 327
Delta R.T. 0.00 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Tgt Ion:112 Resp: 1163

Ion	Ratio	Lower	Upper
112	100		
64	57.8	42.2	63.2
63	33.5	21.8	32.8#



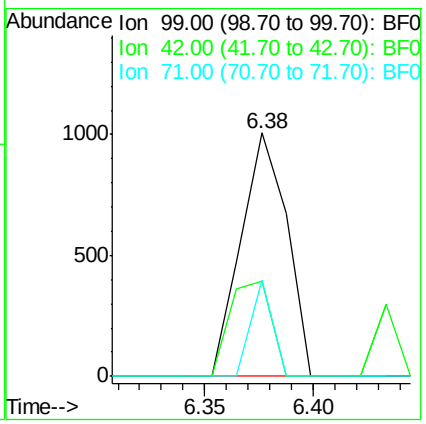


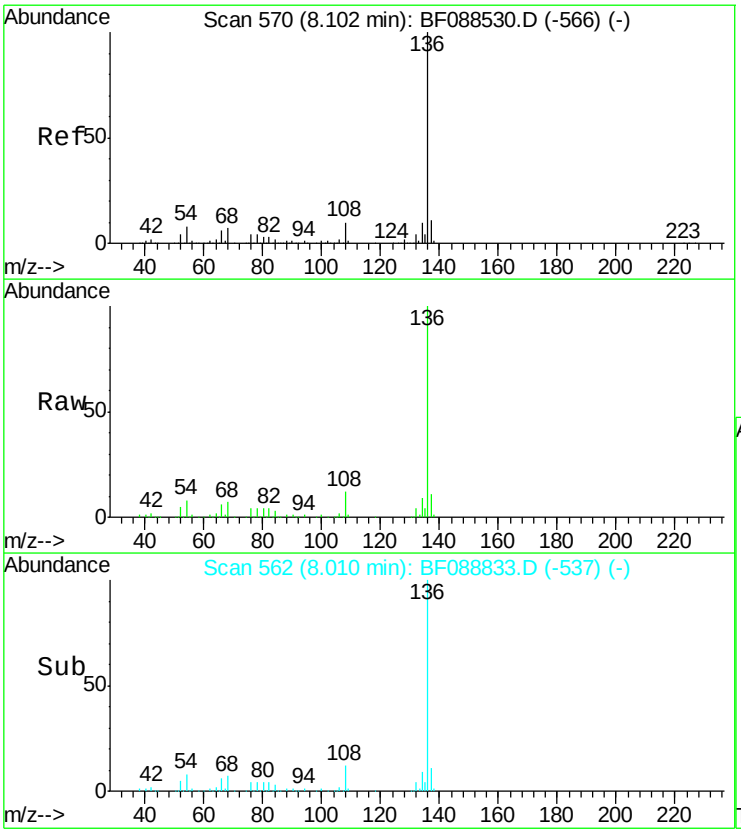
#7
Phenol-d6
Concen: 0.22 ng
RT: 6.38 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion: 99 Resp: 1477

Ion	Ratio	Lower	Upper
99	100		
42	39.0	12.2	18.2#
71	39.8	23.4	35.0#

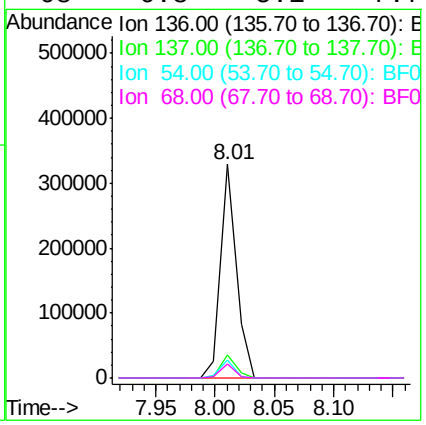


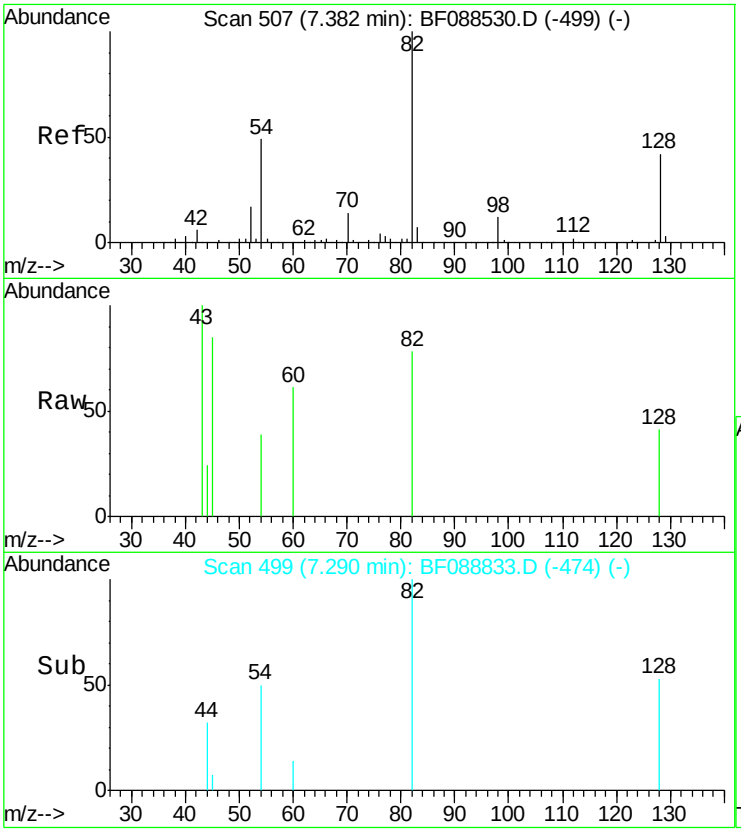


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Tgt Ion:136 Resp: 301540

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.4	6.6	10.0
68	6.8	5.1	7.7



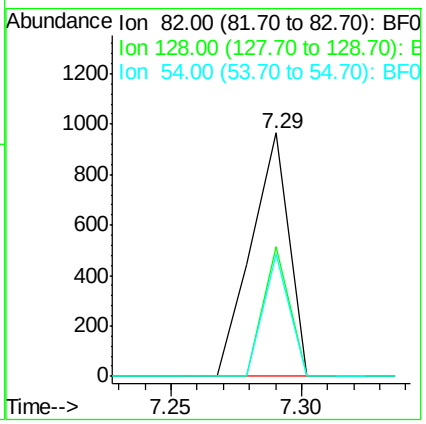


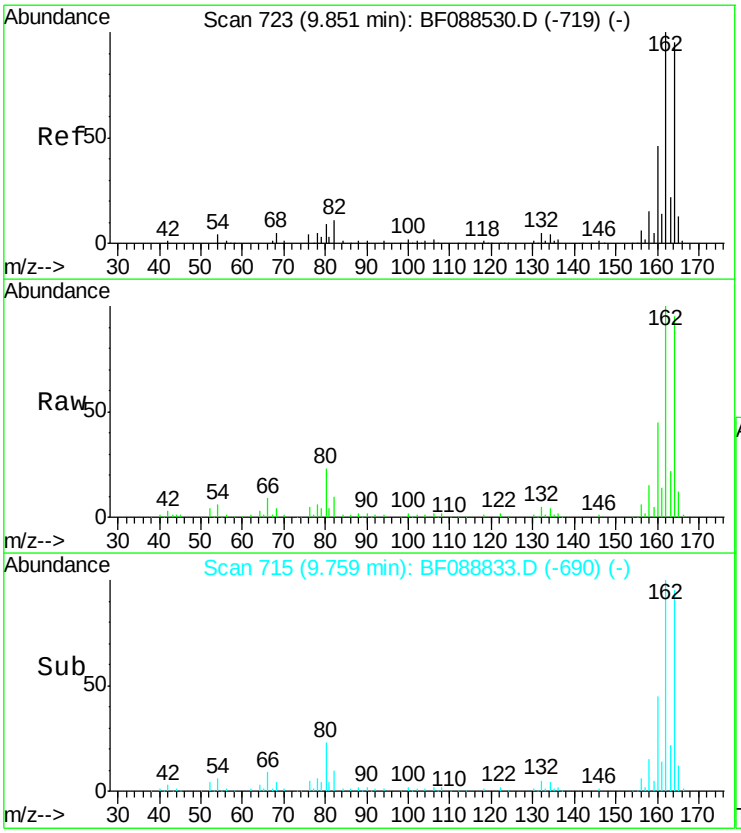
#23
Nitrobenzene-d5
Concen: 0.17 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion: 82 Resp: 968

Ion	Ratio	Lower	Upper
82	100		
128	53.0	35.9	53.9
54	49.9	40.9	61.3

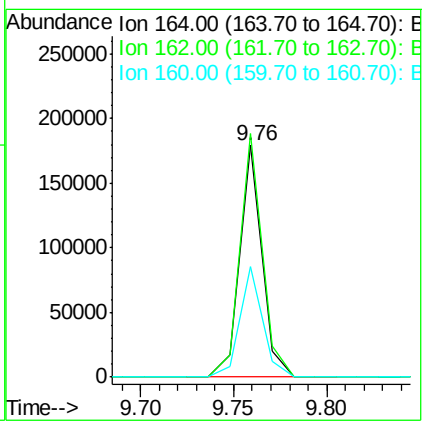


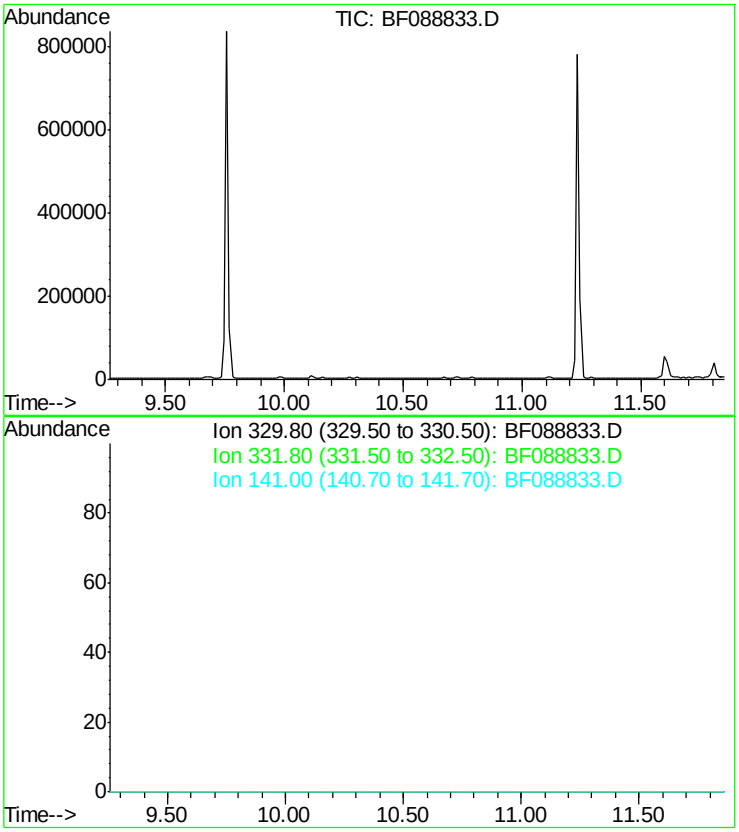


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Tgt Ion:164 Resp: 148596

Ion	Ratio	Lower	Upper
164	100		
162	104.9	85.4	128.2
160	47.4	39.5	59.3





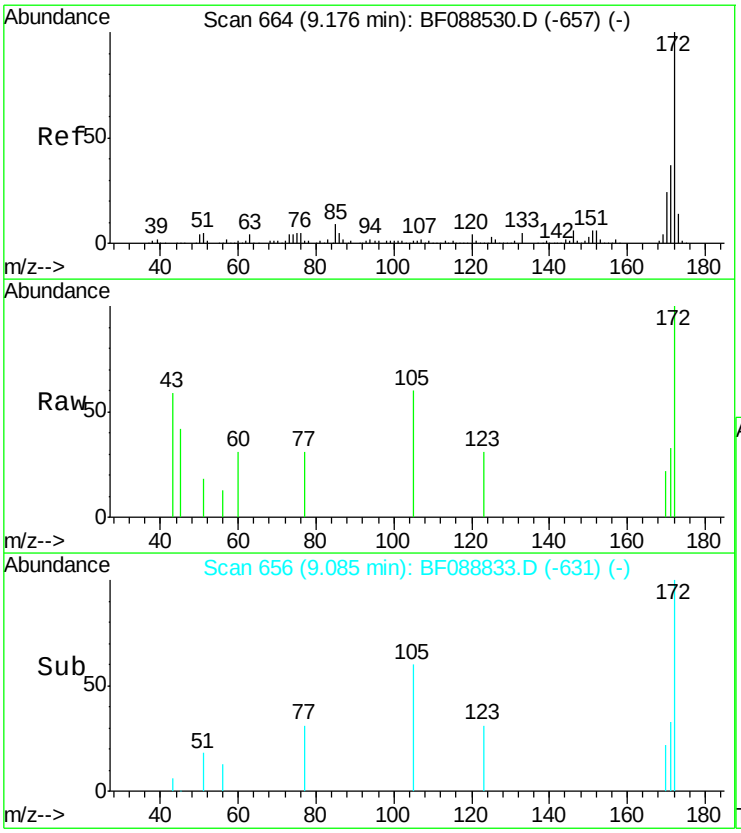
#41
2,4,6-Tribromophenol
Concen: 0.00 ng
Expected RT: 10.56 min

Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Tgt Ion: 330

Sig	Exp Ratio
330	100
332	0.0
141	0.0

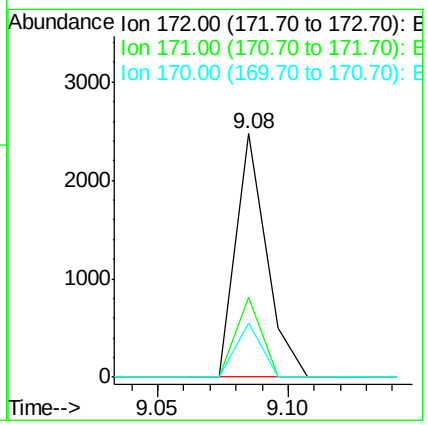
Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

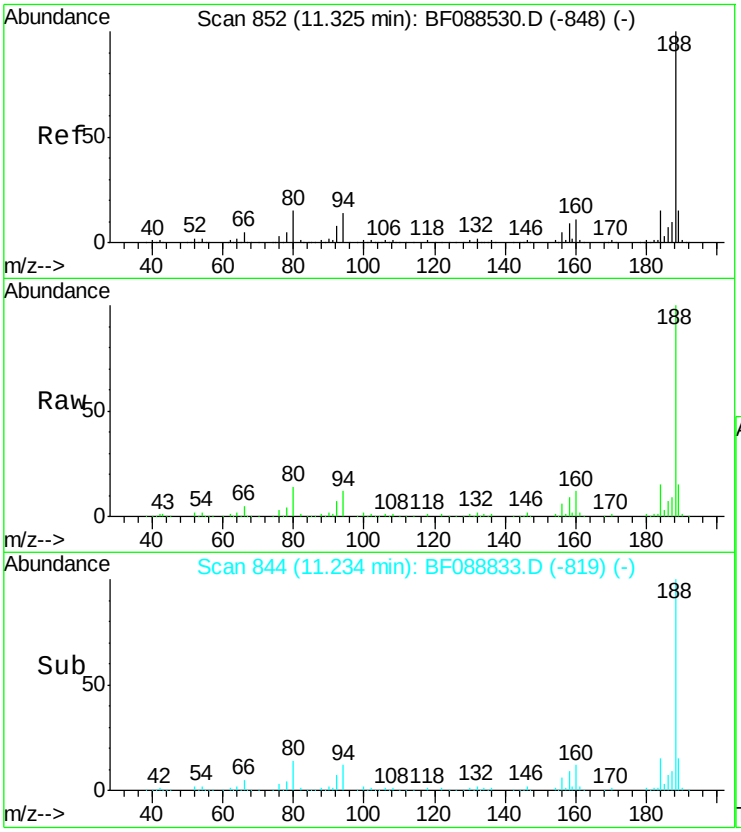


#44
2-Fluorobiphenyl
Concen: 0.22 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Tgt Ion:172 Resp: 2040

Ion	Ratio	Lower	Upper
172	100		
171	32.9	28.6	43.0
170	22.3	19.2	28.8



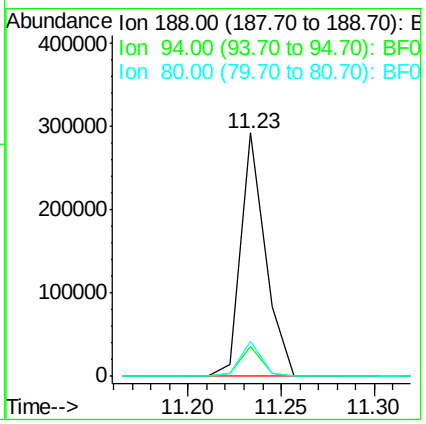


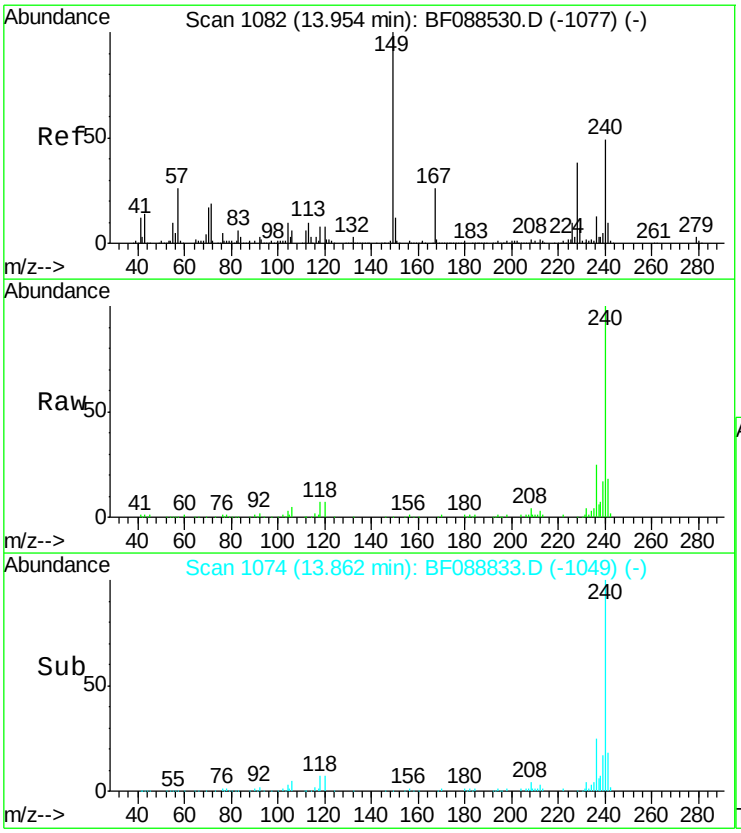
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion:188 Resp: 269287

Ion	Ratio	Lower	Upper
188	100		
94	12.4	9.0	13.6
80	14.4	10.0	15.0

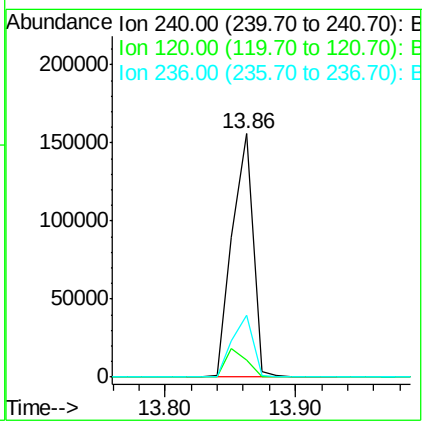


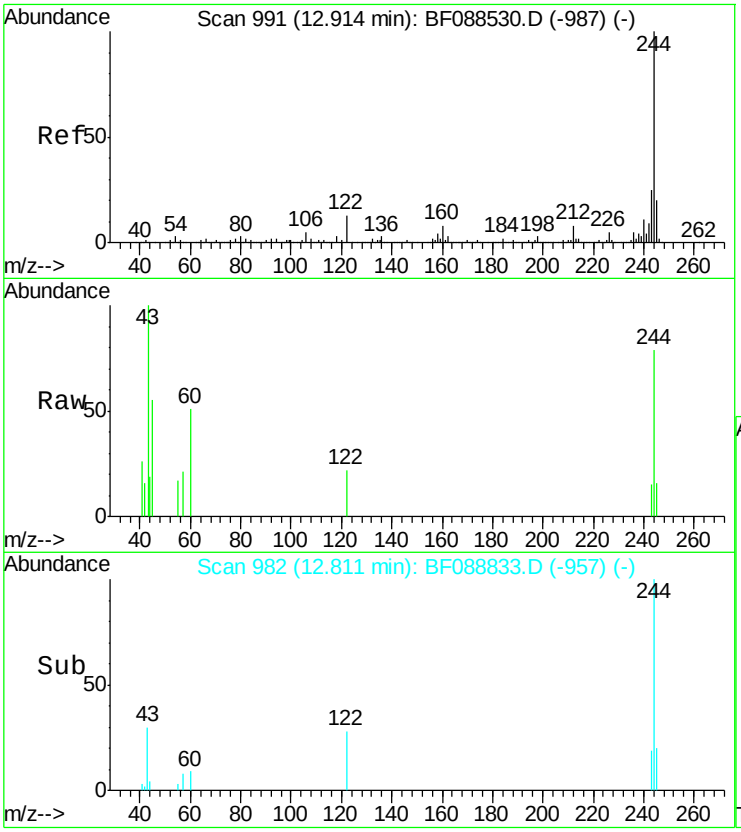


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Tgt Ion:240 Resp: 172751

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.8	10.2
236	25.3	20.2	30.2



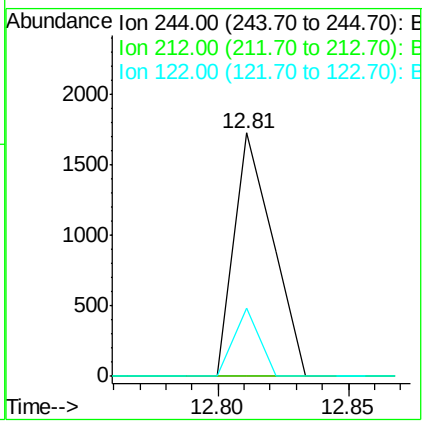


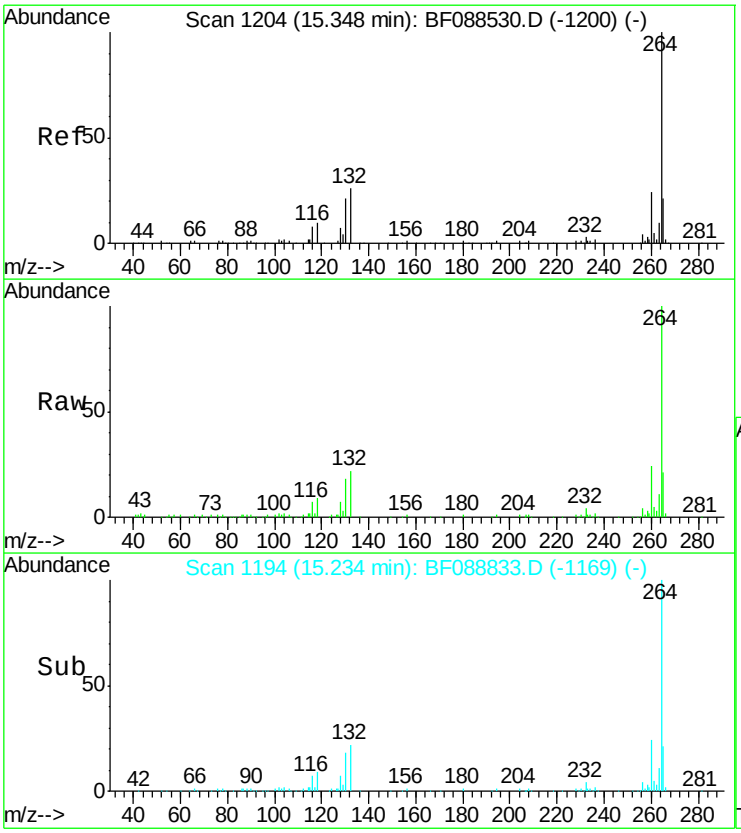
#78
Terphenyl-d14
Concen: 0.23 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tgt Ion:244 Resp: 1794

Ion	Ratio	Lower	Upper
244	100		
212	0.0	6.0	9.0#
122	28.1	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088833.D
Acq: 8 Jul 2016 19:26

Tgt Ion:264 Resp: 154575

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	16.9	25.3