Quantitation Report (LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070816\
Data File : BF088841.D
Acq On : 8 Jul 2016 23:20
Operator : UM/SJ
Sample : H3813-11 50X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS002-0006-01

Quant Time: Jul 09 00:18:35 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	84440	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	313444	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	159366	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	286461	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	192517	20.00	ng	-0.01
86) Perylene-d12	15.23	264	168216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	9726	1.73	ng	-0.01
7) Phenol-d6	6.35	99	13924	1.91	ng	-0.02
23) Nitrobenzene-d5	7.29	82	9048	1.51	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	2643	1.79	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	17882	1.77	ng	-0.01
78) Terphenyl-d14	12.81	244	13421	1.55	ng	-0.01
Target Compounds						Qvalue

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

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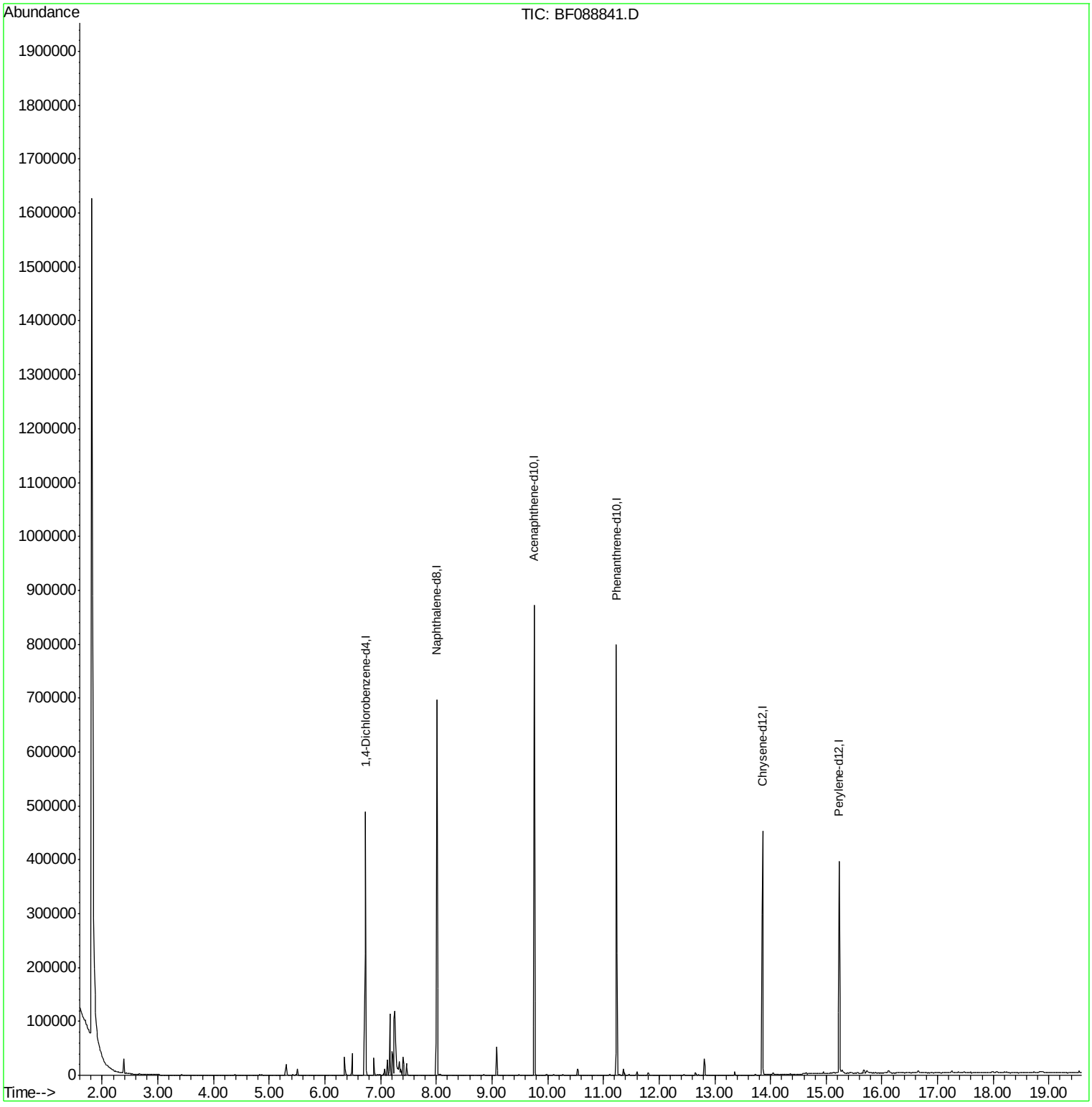
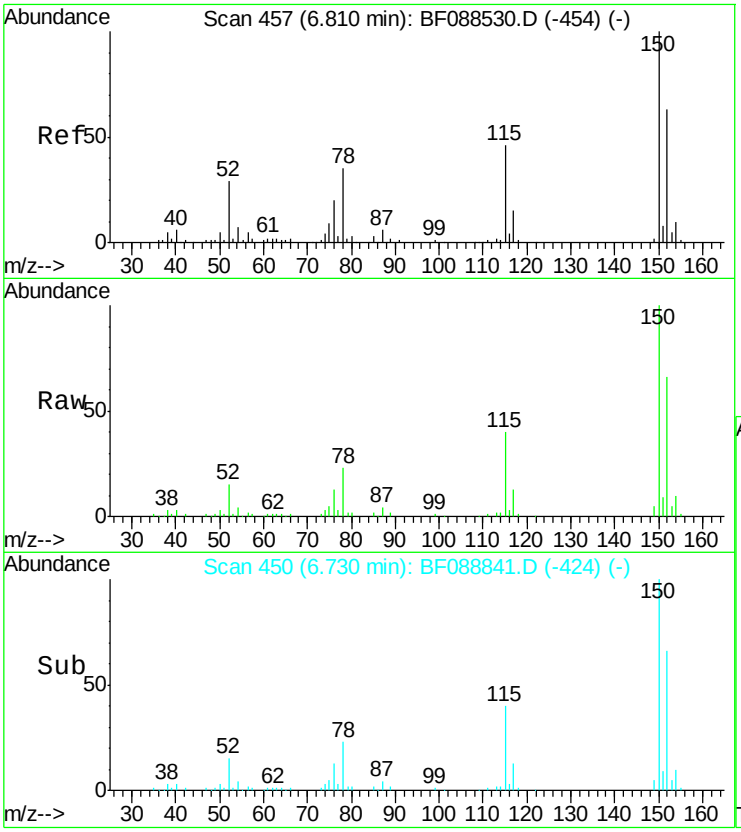


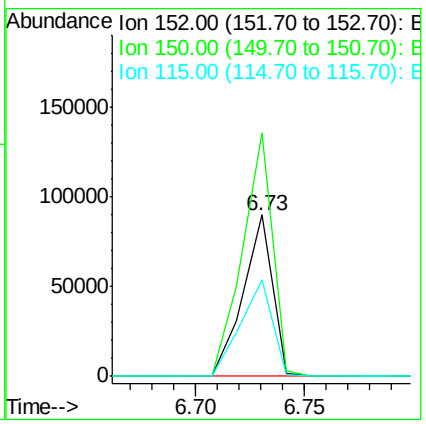


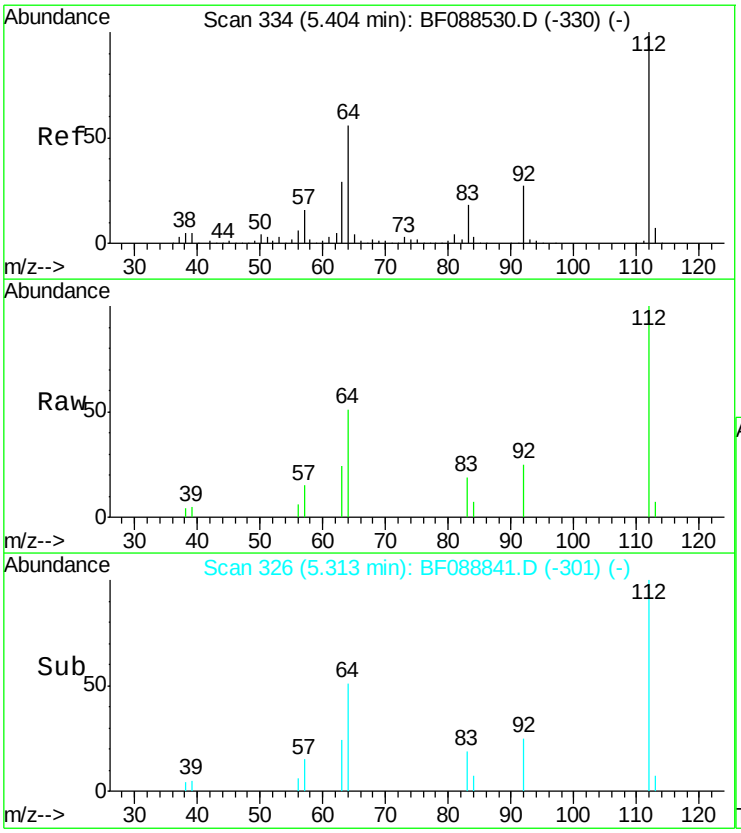
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:152 Resp: 84440

Ion	Ratio	Lower	Upper
152	100		
150	150.9	123.8	185.6
115	59.8	39.6	59.4#

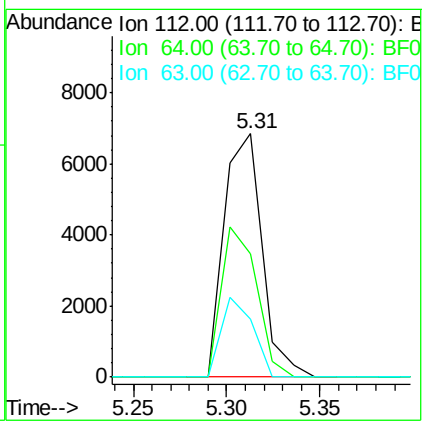


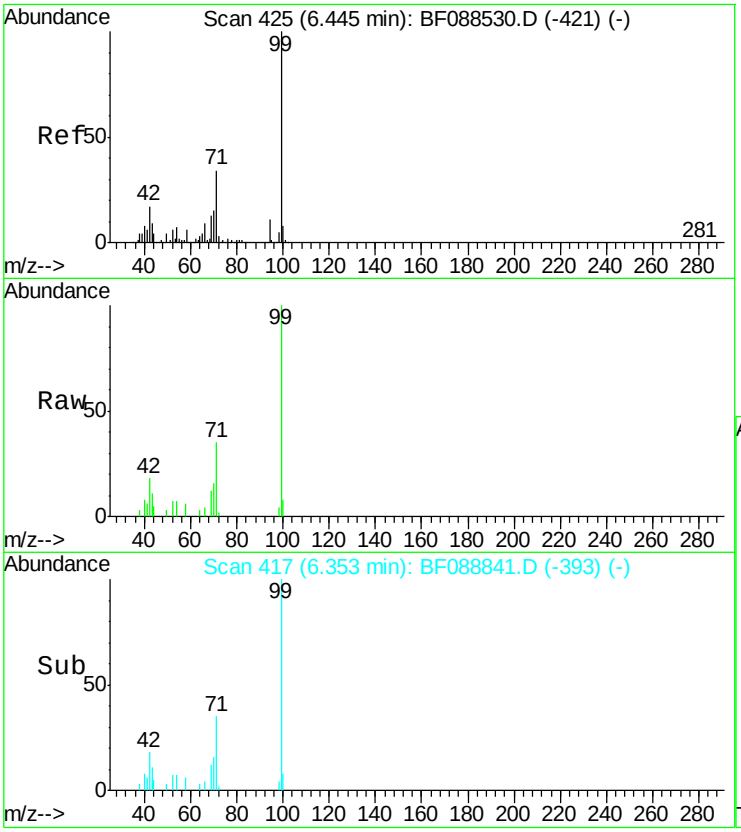


#5
2-Fluorophenol
Concen: 1.73 ng
RT: 5.31 min Scan# 326
Delta R.T. -0.01 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Tgt Ion:112 Resp: 9726

Ion	Ratio	Lower	Upper
112	100		
64	50.7	42.2	63.2
63	23.6	21.8	32.8



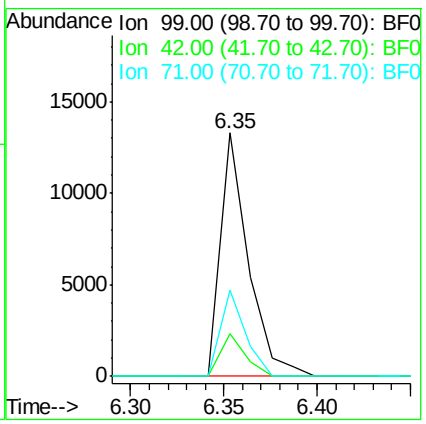


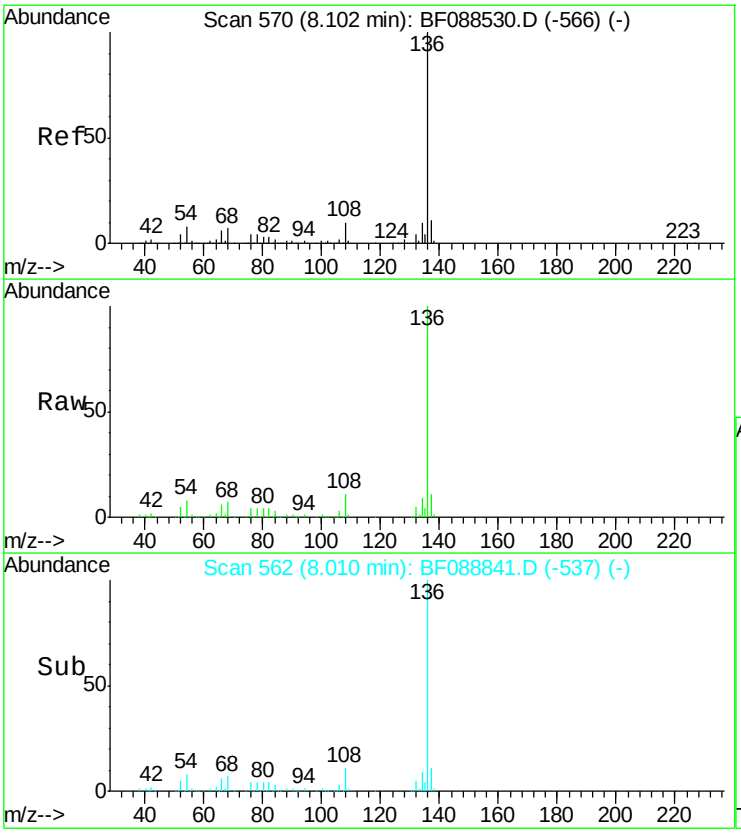
#7
Phenol-d6
Concen: 1.91 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.02 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0006-01

Tgt Ion: 99 Resp: 13924

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.2	18.2
71	35.3	23.4	35.0#

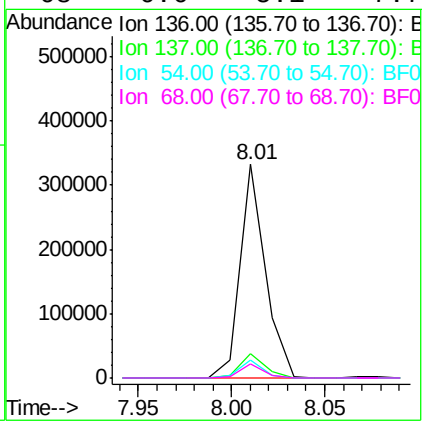


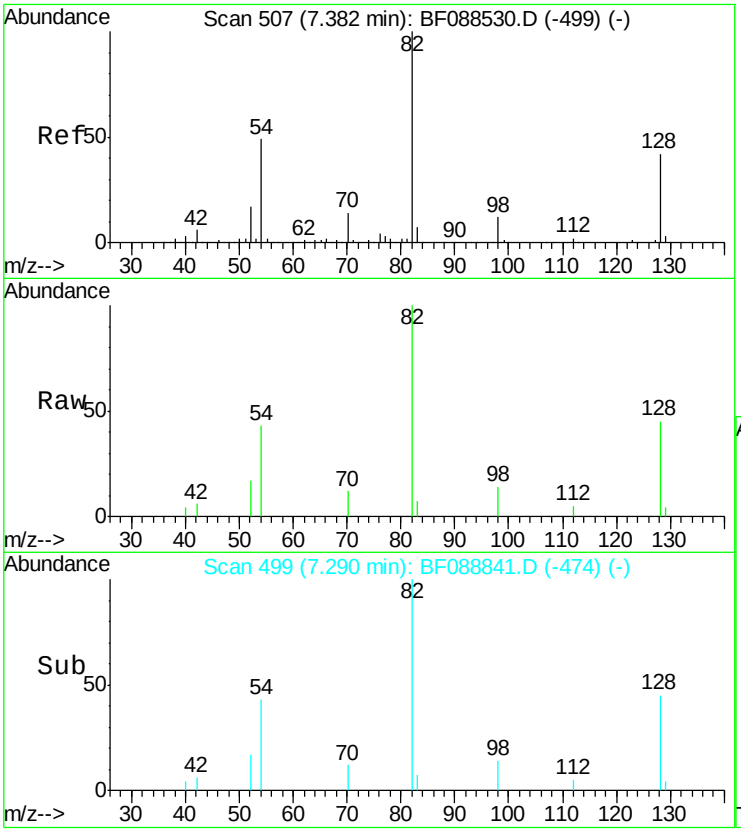


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Tgt Ion:136 Resp: 313444

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.4	6.6	10.0
68	6.6	5.1	7.7



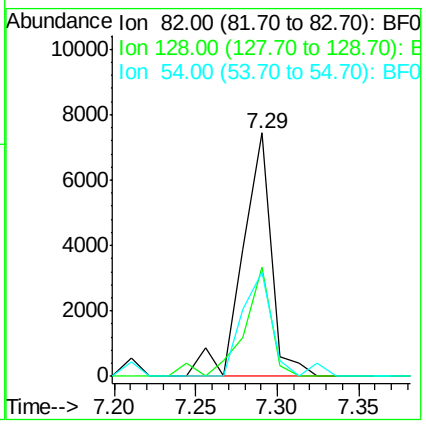


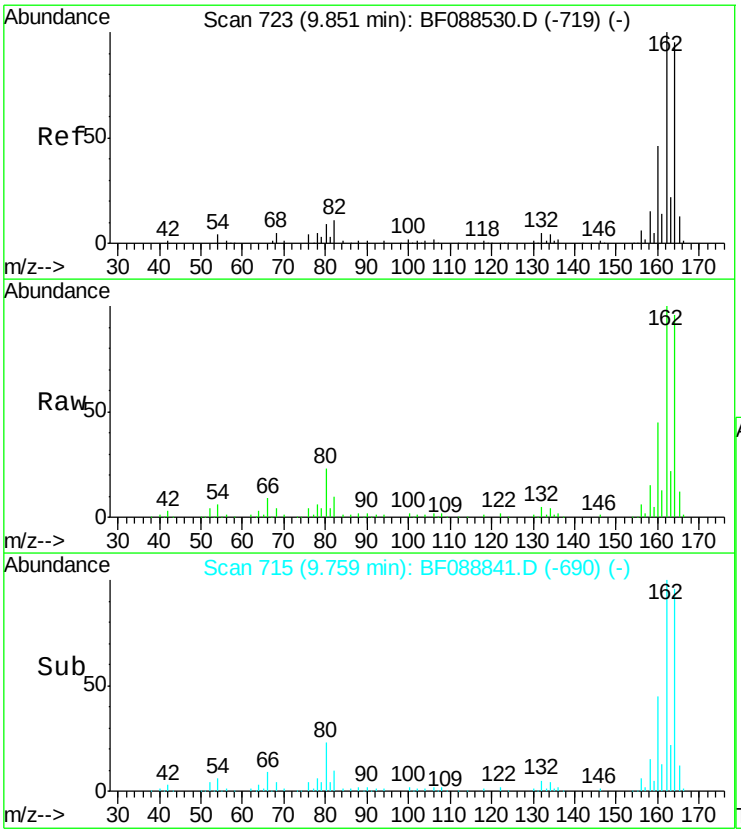
#23
Nitrobenzene-d5
Concen: 1.51 ng
RT: 7.29 min Scan# 499
Delta R.T. -0.01 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0006-01

Tgt Ion: 82 Resp: 9048

Ion	Ratio	Lower	Upper
82	100		
128	44.8	35.9	53.9
54	42.8	40.9	61.3

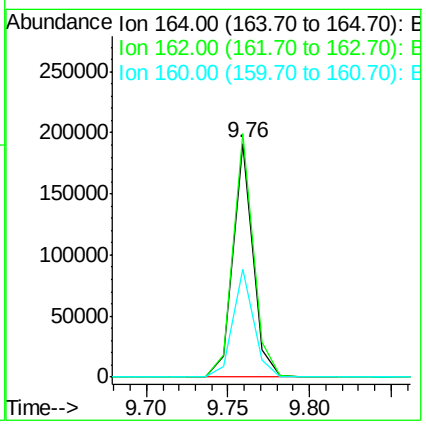


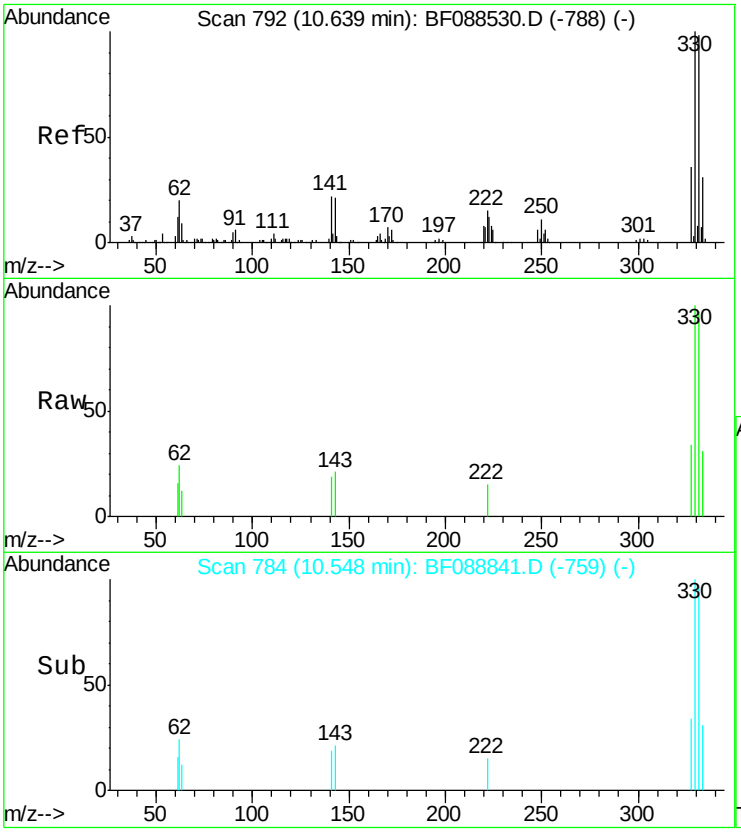


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Tgt Ion:164 Resp: 159366

Ion	Ratio	Lower	Upper
164	100		
162	104.3	85.4	128.2
160	46.5	39.5	59.3



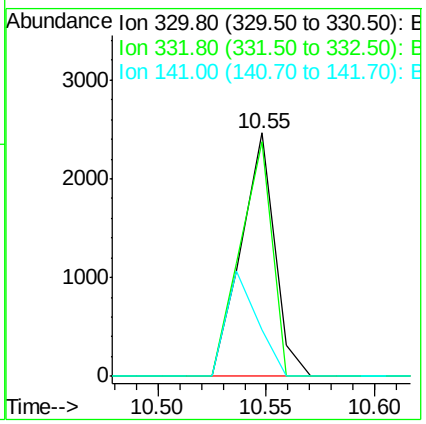


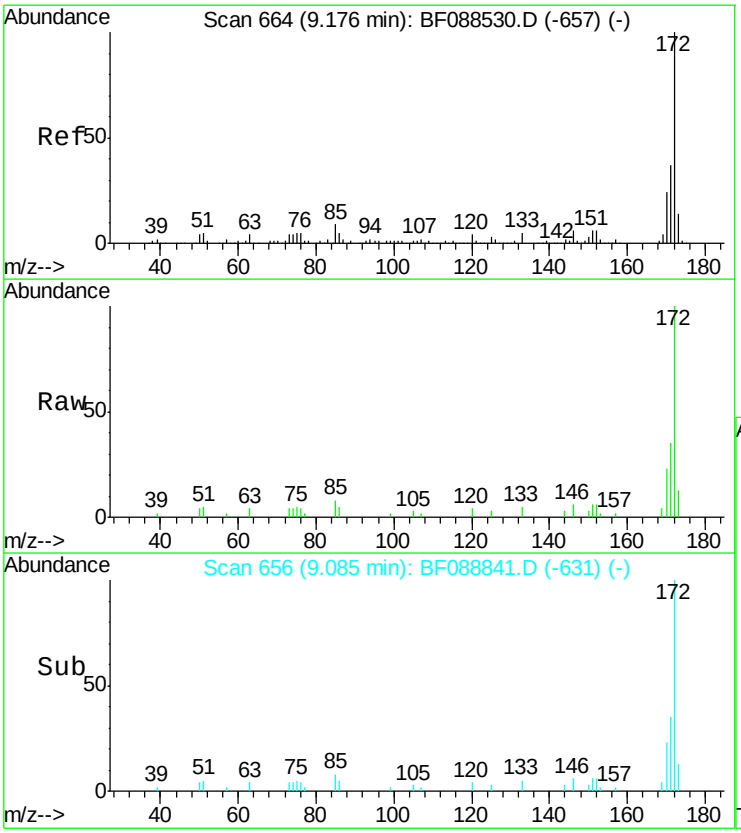
#41
2,4,6-Tribromophenol
Concen: 1.79 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:330 Resp: 2643

Ion	Ratio	Lower	Upper
330	100		
332	91.3	0.0	0.0#
141	39.8	0.0	0.0#

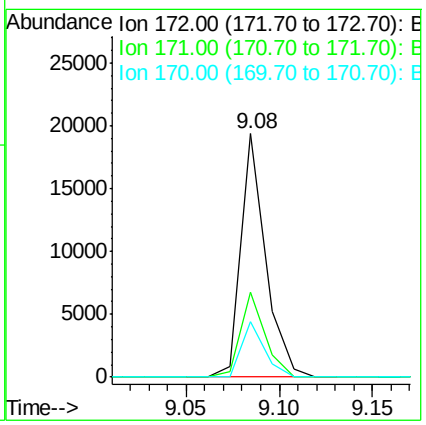


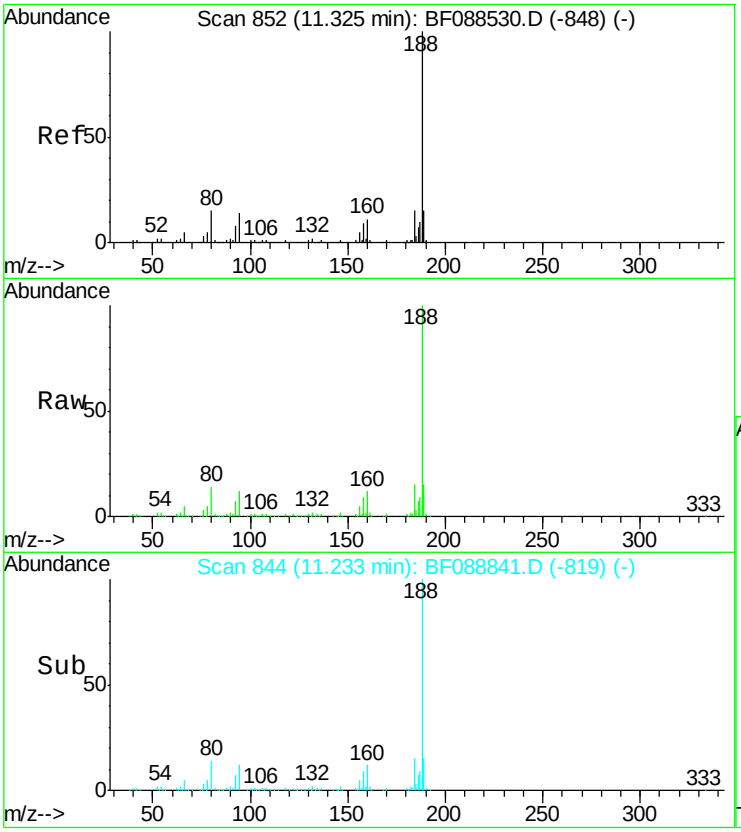


#44
2-Fluorobiphenyl
Concen: 1.77 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Tgt Ion:172 Resp: 17882

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	22.8	19.2	28.8



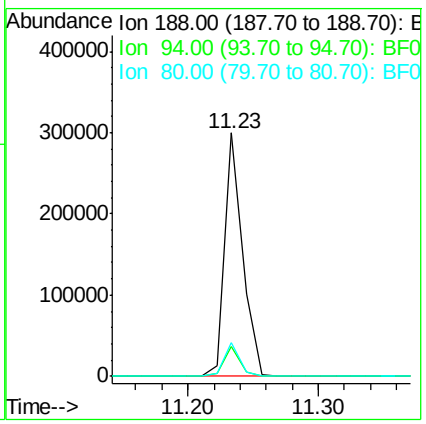


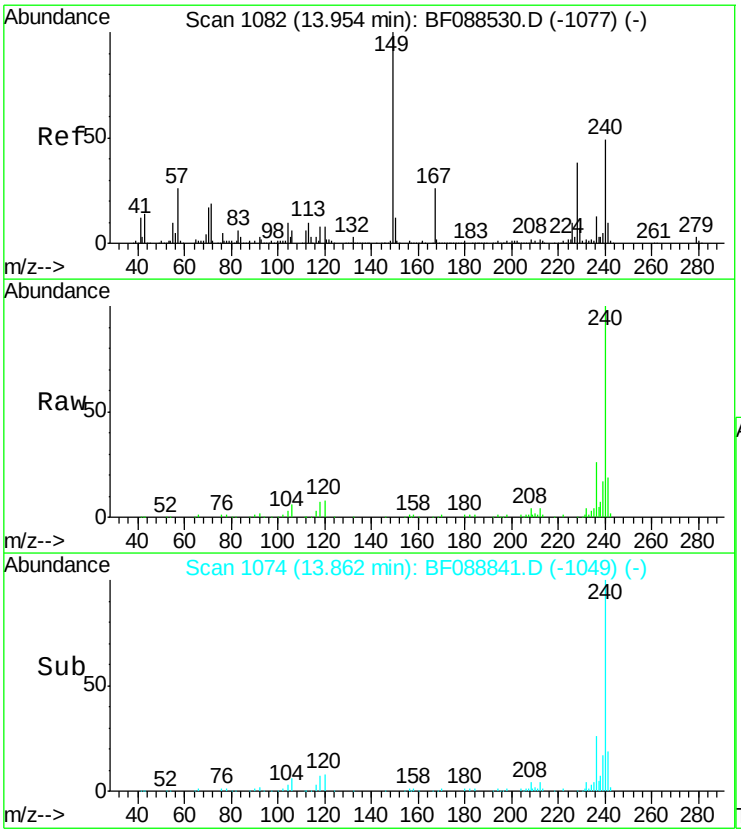
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:188 Resp: 286461

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.0	13.6
80	14.1	10.0	15.0

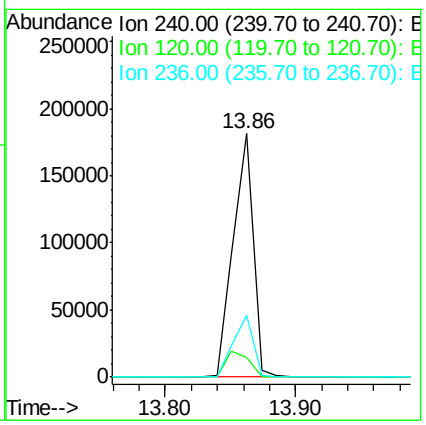


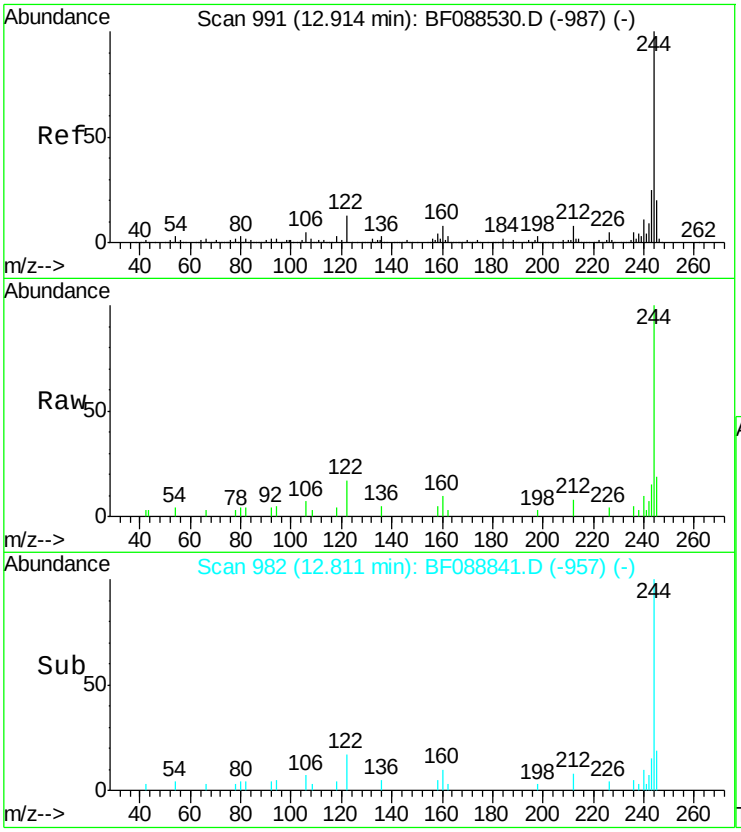


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.86 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Tgt Ion:240 Resp: 192517

Ion	Ratio	Lower	Upper
240	100		
120	8.1	6.8	10.2
236	25.6	20.2	30.2



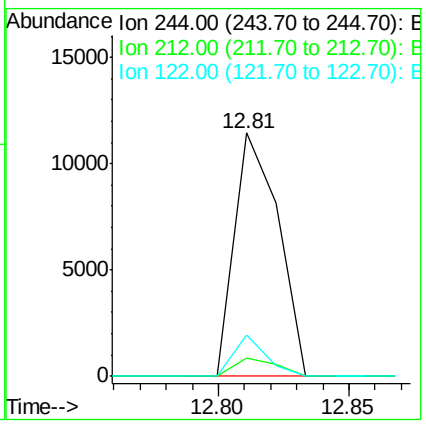


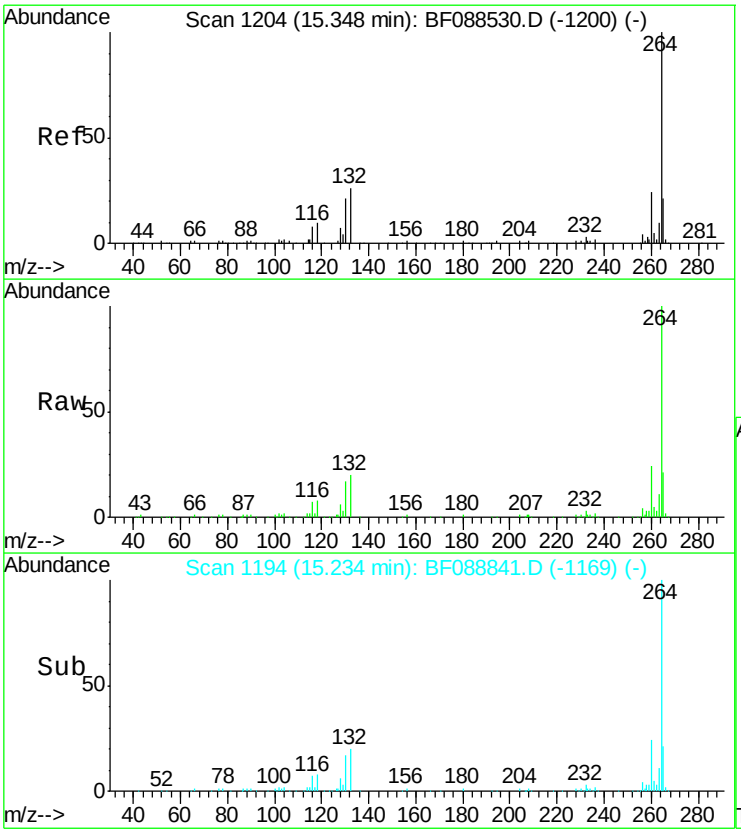
#78
Terphenyl-d14
Concen: 1.55 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088841.D
Acq: 8 Jul 2016 23:20

Instrument :
BNA_F
ClientSampleId :
P001-SS002-0006-01

Tgt Ion:244 Resp: 13421

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.0	9.0
122	17.1	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: BF088841.D
Acq: 8 Jul 2016 23:20

Tgt Ion:264 Resp: 168216

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	16.9	25.3