Quantitation Report (LSC Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088883.D
Acq On : 9 Jul 2016 21:01
Operator : UM/SJ
Sample : H3813-16 25X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-SS004-0006-02

Quant Time: Jul 11 05:57:58 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	6.72	152	73792	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	283244	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	132782	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	248501	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	131120	20.00	ng	-0.02
86) Perylene-d12	15.23	264	135882	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	20053	4.07	ng	-0.03
7) Phenol-d6	6.34	99	26110	4.10	ng	-0.03
23) Nitrobenzene-d5	7.28	82	17859	3.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	6234	5.06	ng	-0.02
44) 2-Fluorobiphenyl	9.08	172	34356	4.09	ng	-0.01
78) Terphenyl-d14	12.81	244	25454	4.32	ng	-0.01
Target Compounds						Qvalue

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

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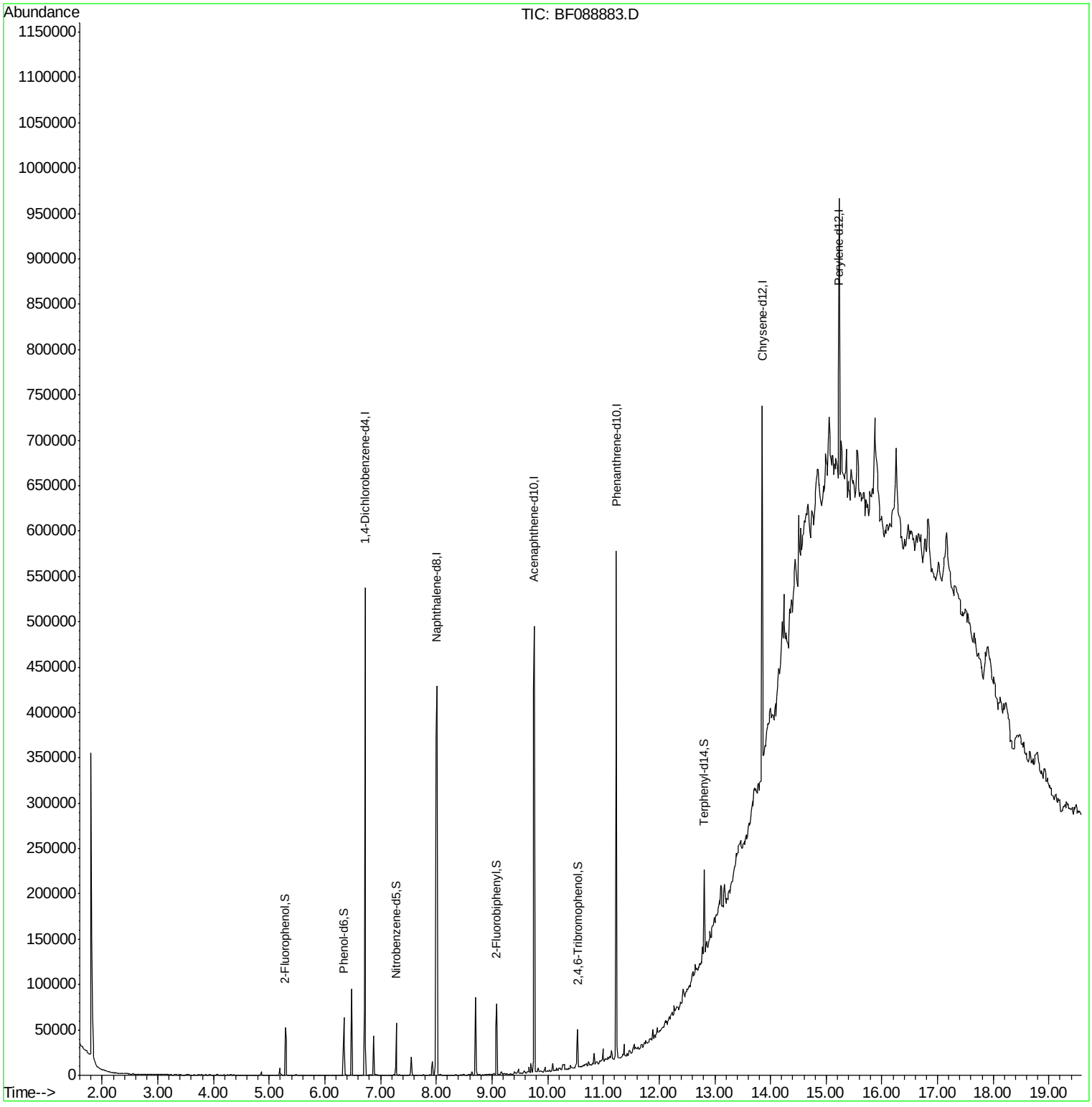
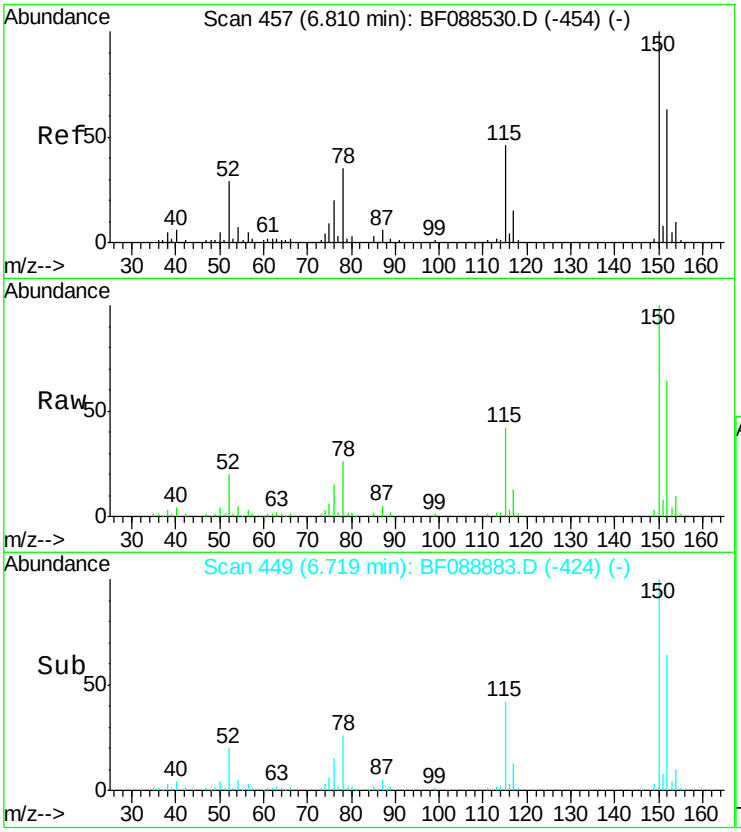


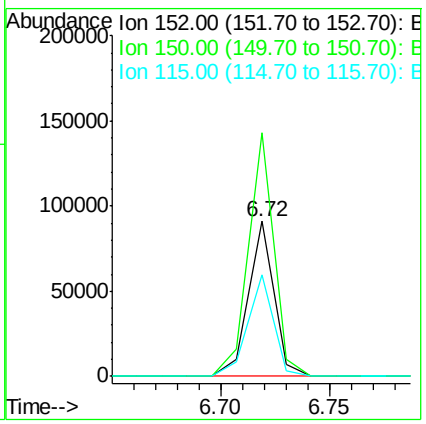


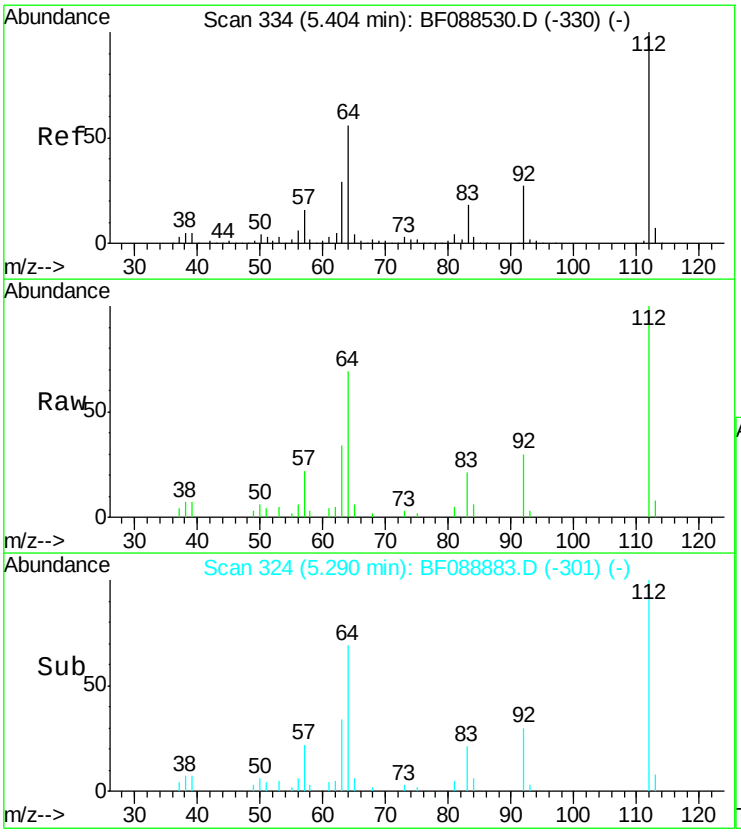
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.72 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-02

Tgt Ion:152 Resp: 73792

Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.6
115	65.9	39.6	59.4#

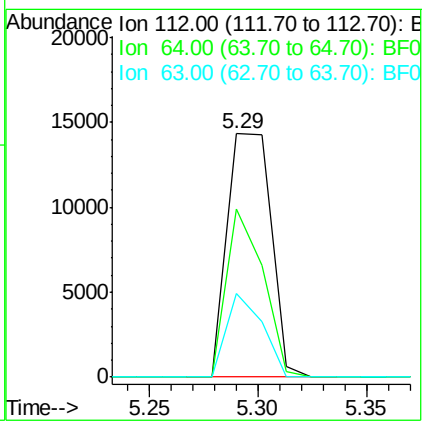


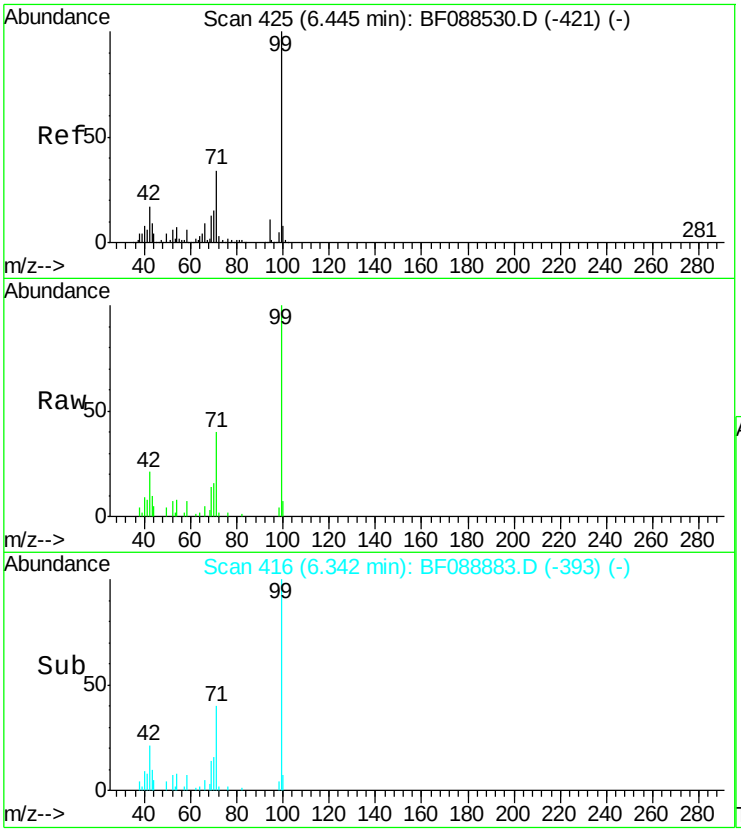


#5
2-Fluorophenol
Concen: 4.07 ng
RT: 5.29 min Scan# 324
Delta R.T. -0.03 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Tgt Ion:112 Resp: 20053

Ion	Ratio	Lower	Upper
112	100		
64	69.1	42.2	63.2#
63	34.4	21.8	32.8#



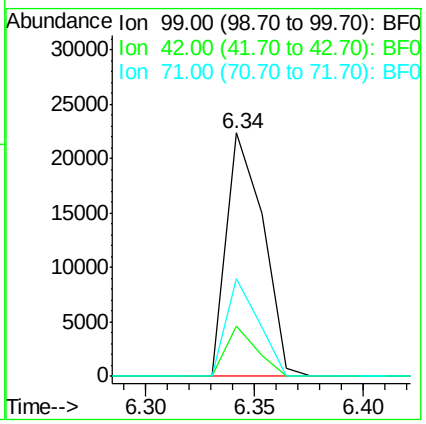


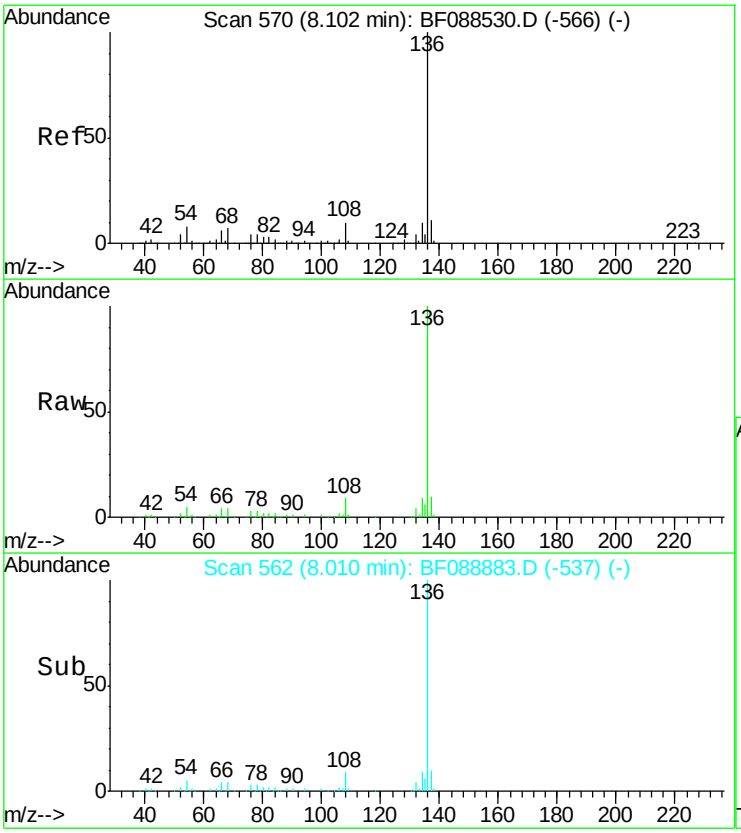
#7
Phenol-d6
Concen: 4.10 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-02

Tgt Ion: 99 Resp: 26110

Ion	Ratio	Lower	Upper
99	100		
42	20.5	12.2	18.2#
71	40.0	23.4	35.0#

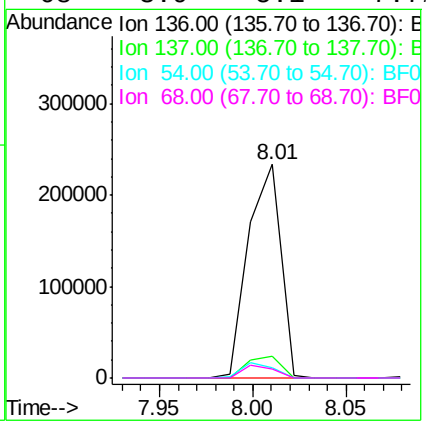


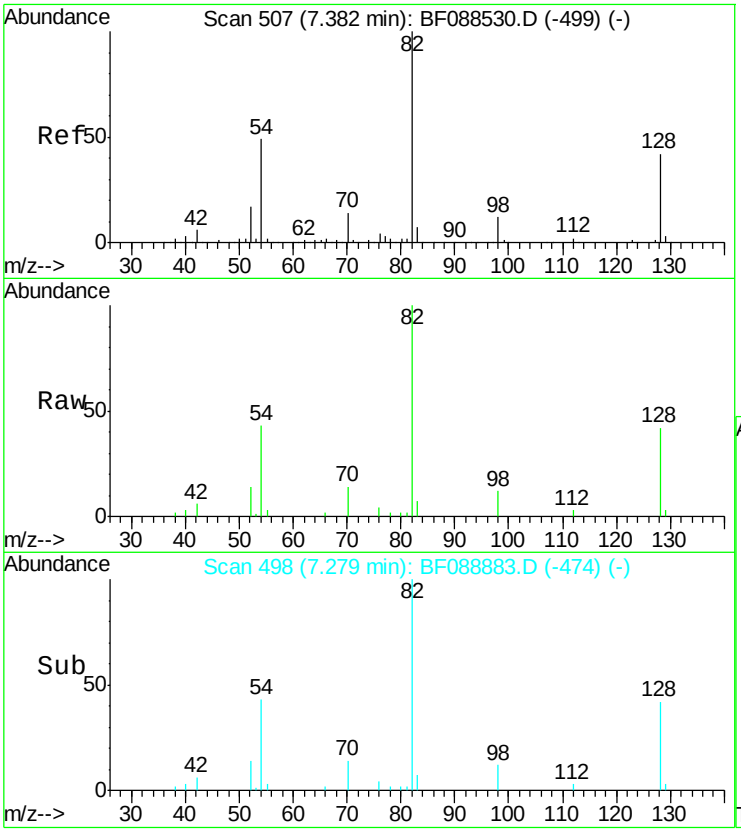


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Tgt Ion:136 Resp: 283244

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.1	13.7
54	4.6	6.6	10.0#
68	3.9	5.1	7.7#



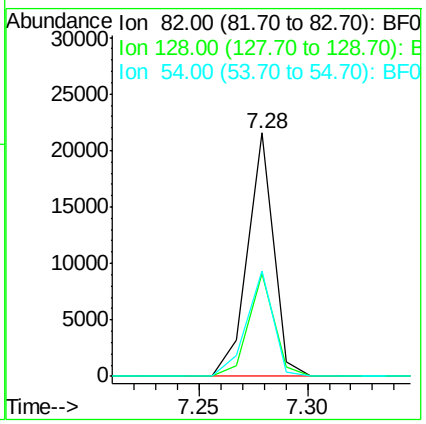


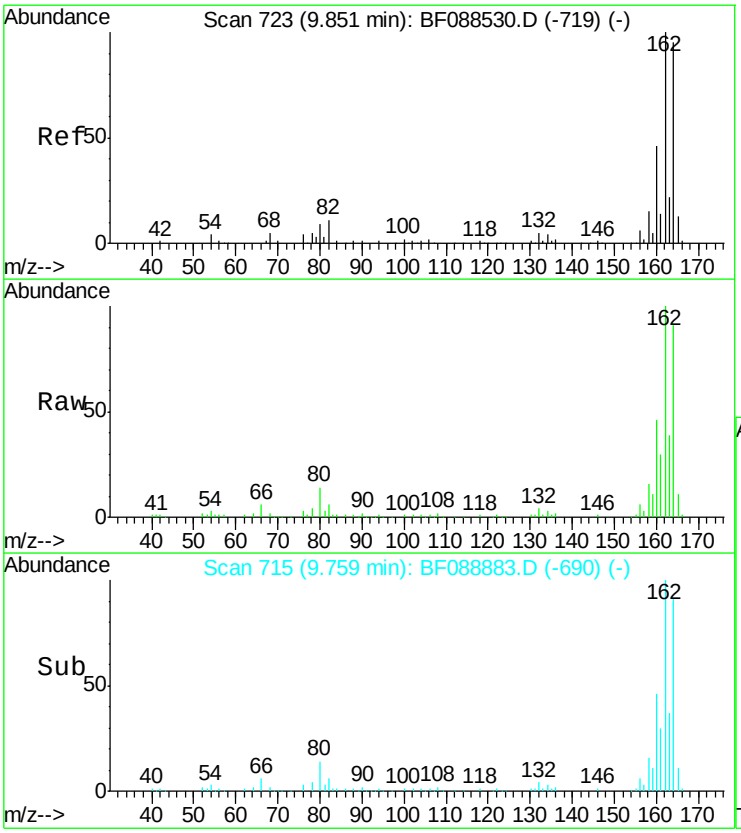
#23
Nitrobenzene-d5
Concen: 3.30 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-02

Tgt Ion: 82 Resp: 17859

Ion	Ratio	Lower	Upper
82	100		
128	42.3	35.9	53.9
54	43.3	40.9	61.3

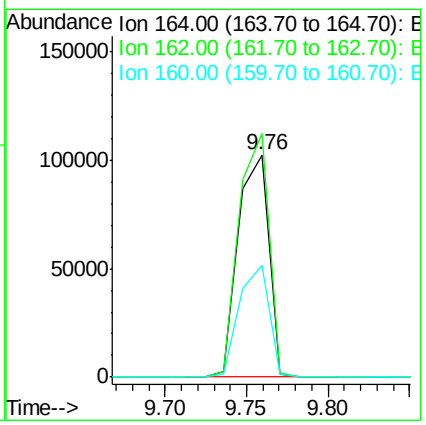


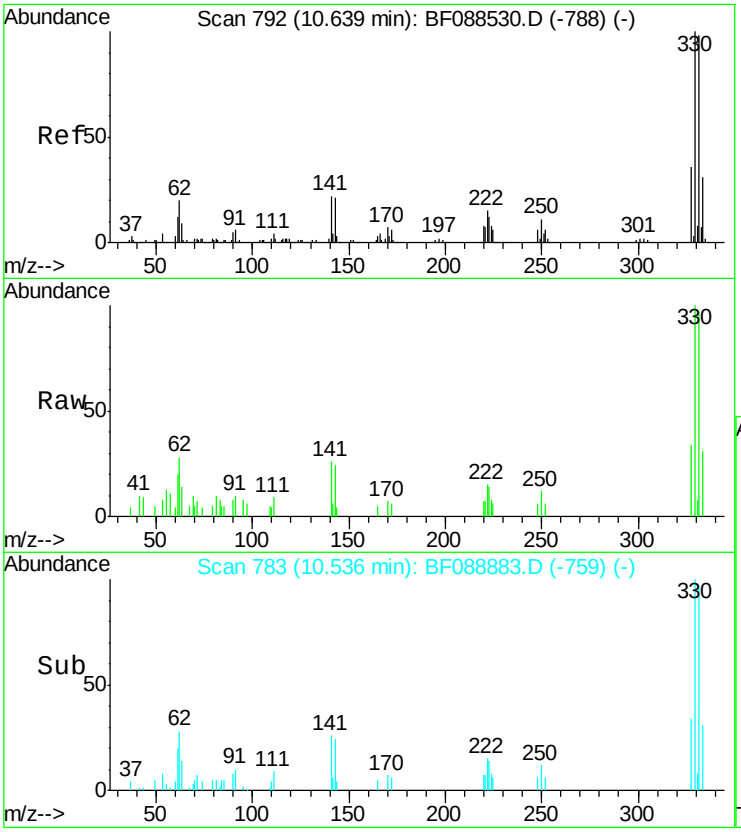


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Tgt Ion:164 Resp: 132782

Ion	Ratio	Lower	Upper
164	100		
162	109.5	85.4	128.2
160	50.2	39.5	59.3



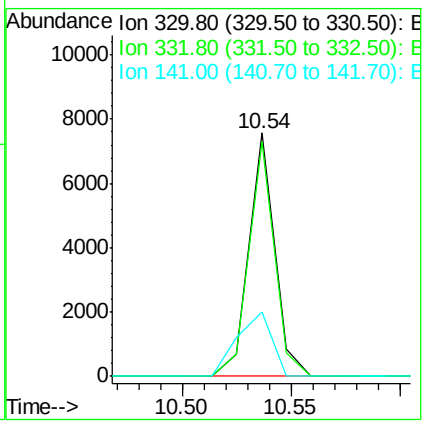


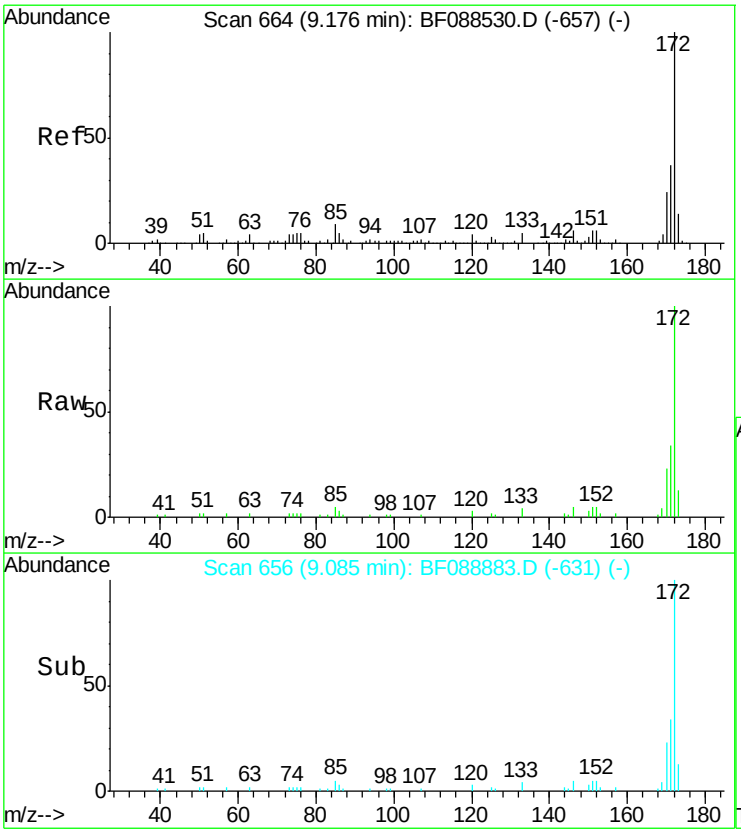
#41
2,4,6-Tribromophenol
Concen: 5.06 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-02

Tgt Ion:330 Resp: 6234

Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	35.3	0.0	0.0#

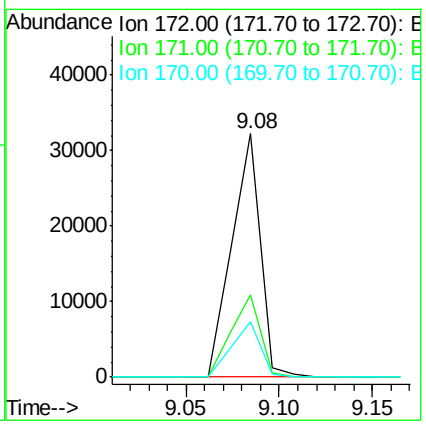


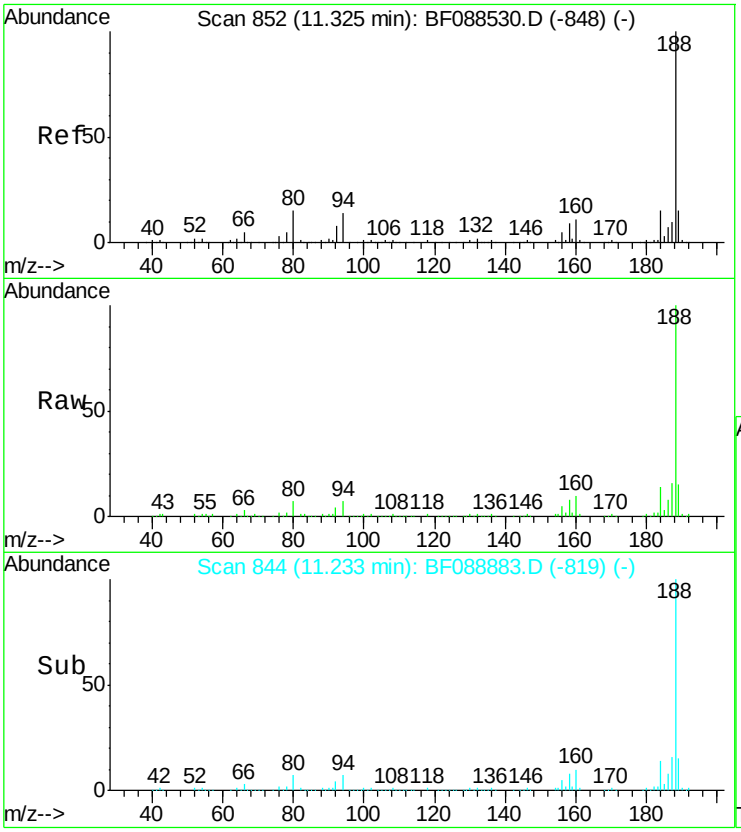


#44
2-Fluorobiphenyl
Concen: 4.09 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Tgt Ion:172 Resp: 34356

Ion	Ratio	Lower	Upper
172	100		
171	34.0	28.6	43.0
170	22.8	19.2	28.8



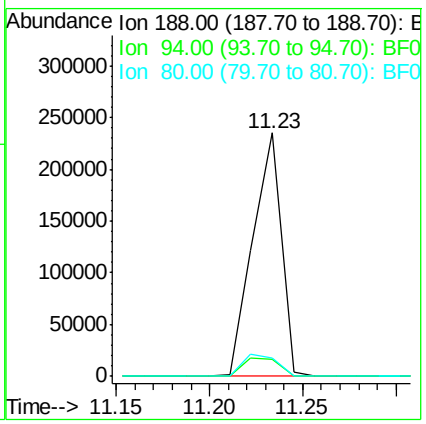


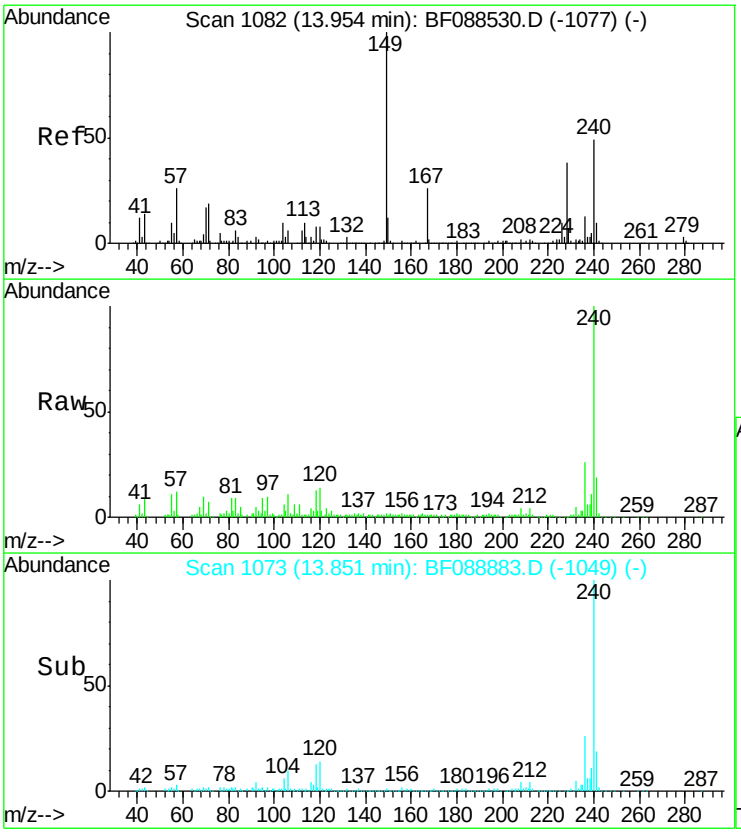
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-02

Tgt Ion:188 Resp: 248501

Ion	Ratio	Lower	Upper
188	100		
94	6.8	9.0	13.6#
80	7.3	10.0	15.0#

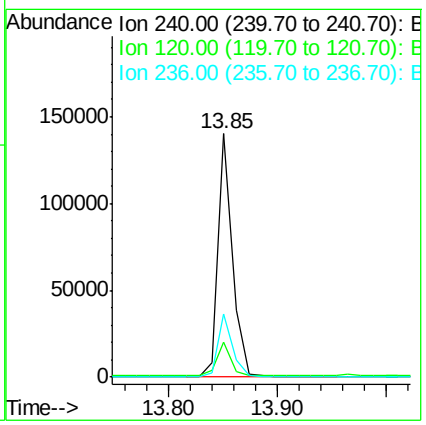


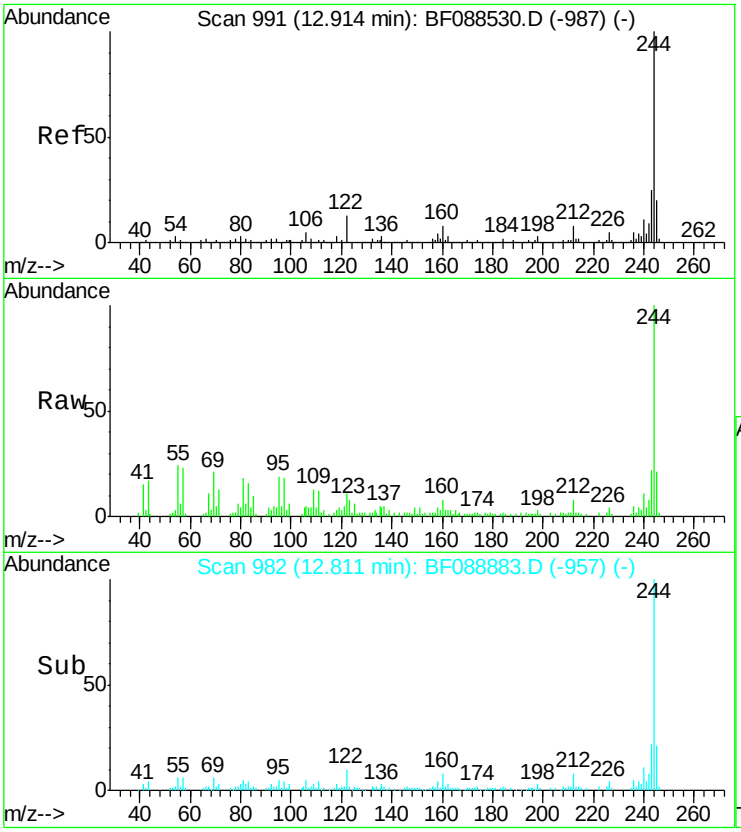


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Tgt Ion:240 Resp: 131120

Ion	Ratio	Lower	Upper
240	100		
120	14.1	6.8	10.2#
236	26.1	20.2	30.2



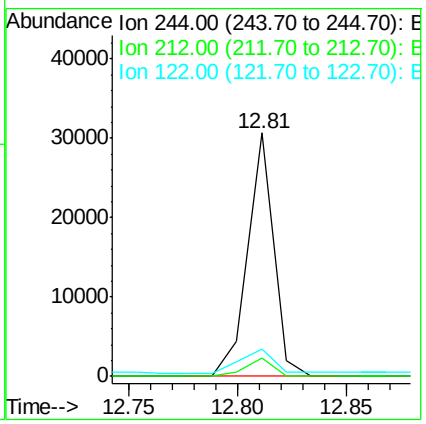


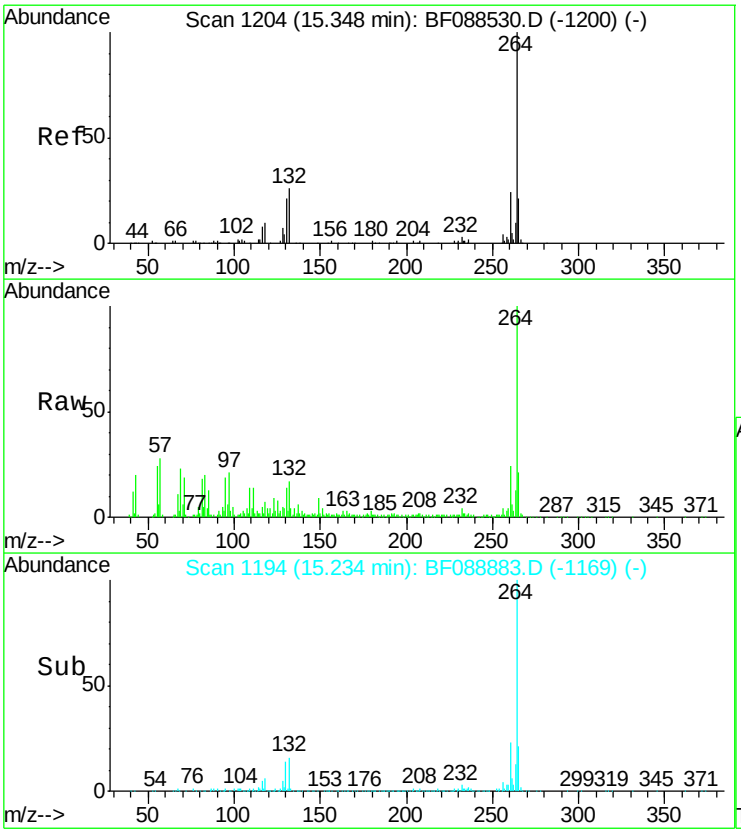
#78
Terphenyl-d14
Concen: 4.32 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088883.D
Acq: 9 Jul 2016 21:01

Instrument :
BNA_F
ClientSampleId :
P001-SS004-0006-02

Tgt Ion:244 Resp: 25454

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.0	9.0
122	11.4	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: BF088883.D
Acq: 9 Jul 2016 21:01

Tgt Ion:264 Resp: 135882

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