Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
Data File : BF085648.D
Acq On : 22 Mar 2016 5:45
Operator : UM/SJ
Sample : H1840-07
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PJ-SB-12-8.0-9.0

Quant Time: Mar 22 06:26:58 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:31:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	118699	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	490290	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	194981	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	308689	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	230433	20.00	ng	-0.02
86) Perylene-d12	15.42	264	238753	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	707339	100.09	ng	-0.01
7) Phenol-d6	6.47	99	975262	107.60	ng	-0.02
23) Nitrobenzene-d5	7.41	82	620905	73.51	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	162875	85.28	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	913634	78.37	ng	-0.02
78) Terphenyl-d14	12.95	244	654433	68.34	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.60	163	121321	8.25	ng	97

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

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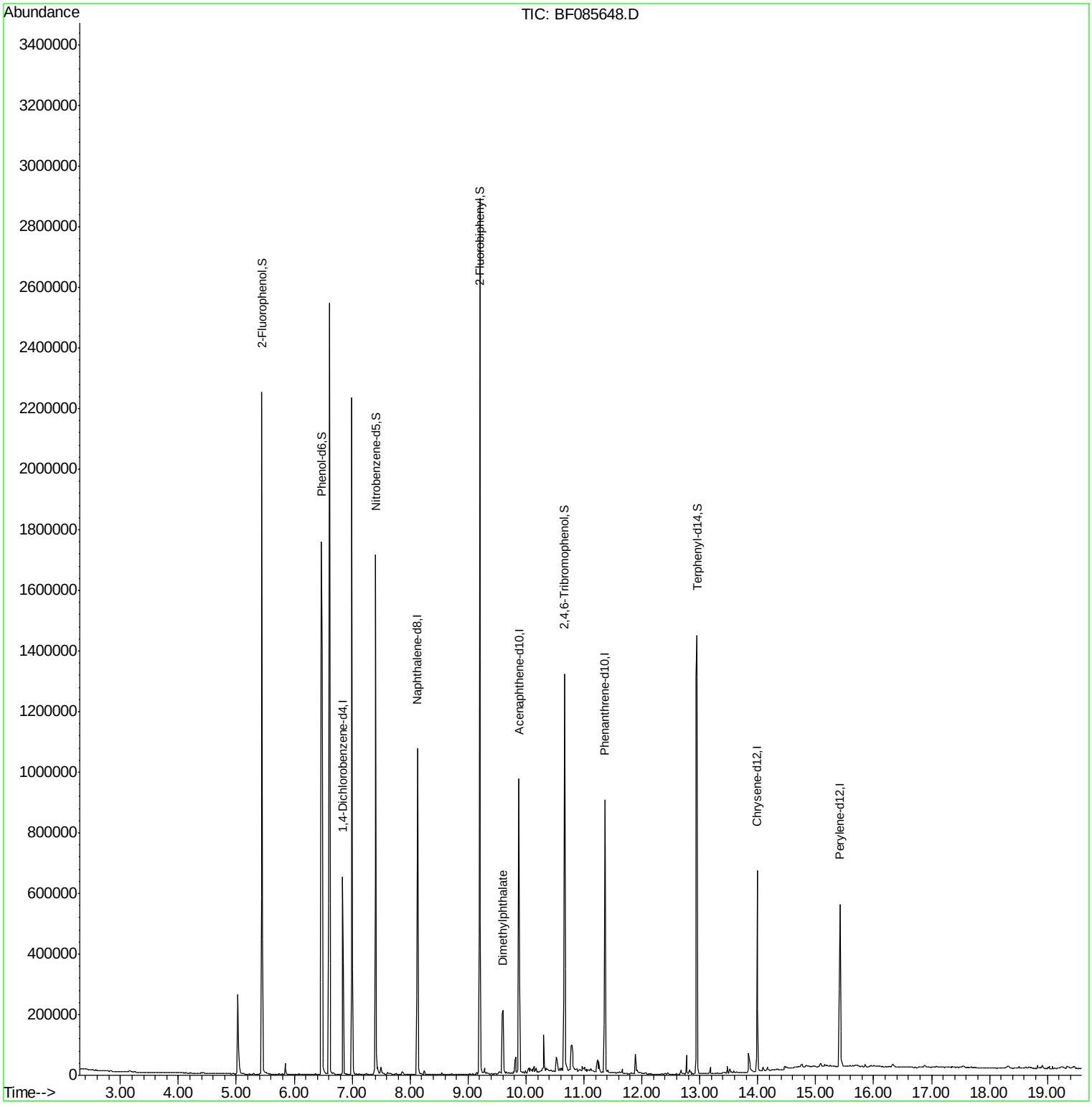
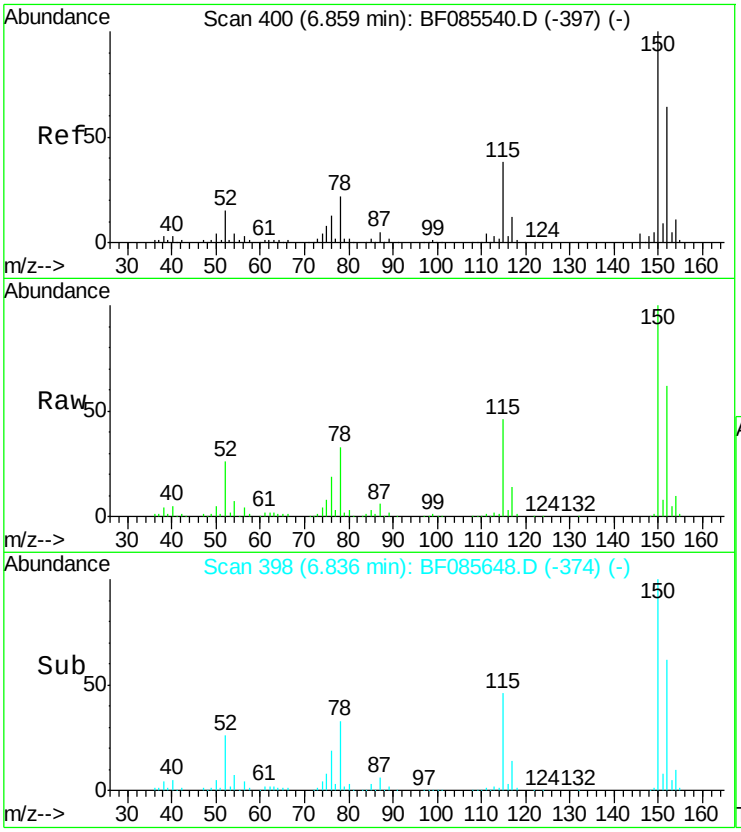


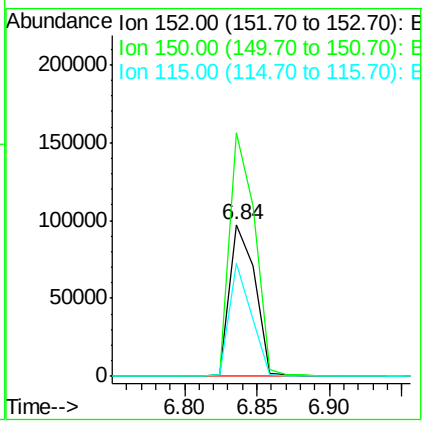


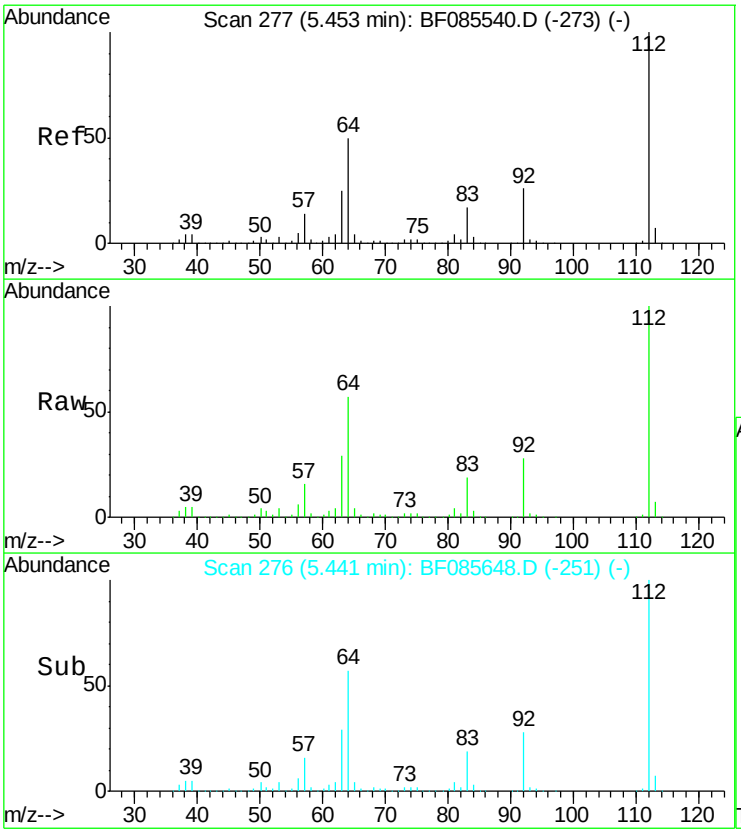
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 398
Delta R.T. -0.02 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-8.0-9.0

Tgt Ion:152 Resp: 118699

Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.2	186.2
115	74.1	47.0	70.6#

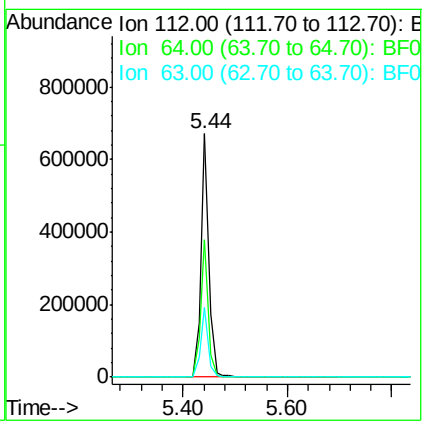


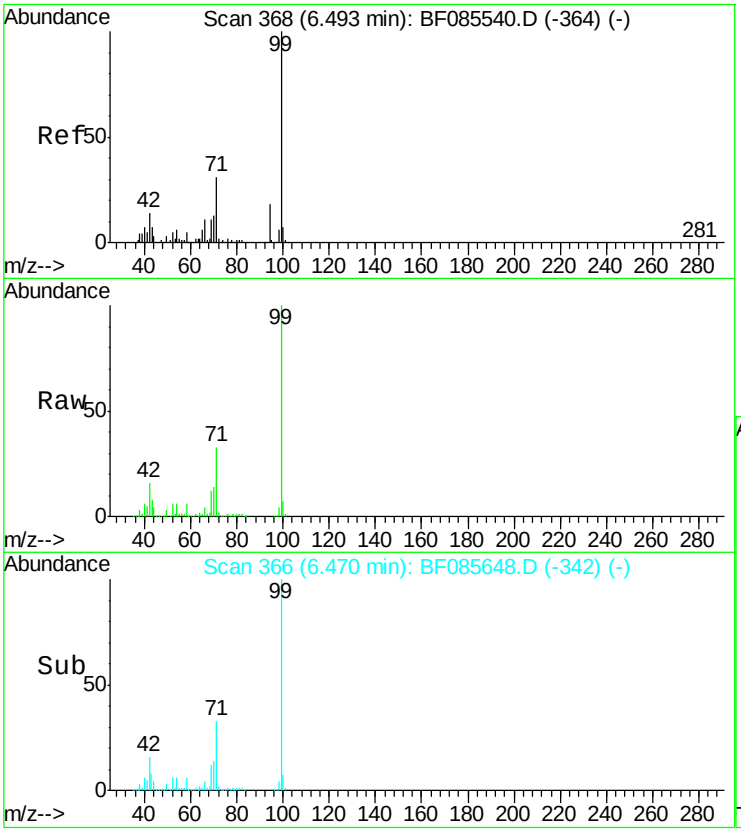


#5
2-Fluorophenol
Concen: 100.09 ng
RT: 5.44 min Scan# 276
Delta R.T. -0.01 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Tgt Ion:112 Resp: 707339

Ion	Ratio	Lower	Upper
112	100		
64	56.7	39.9	59.9
63	28.8	20.2	30.2



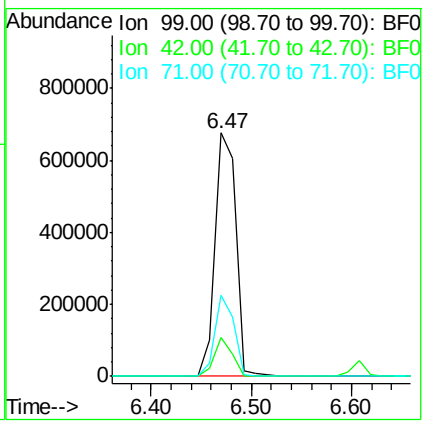


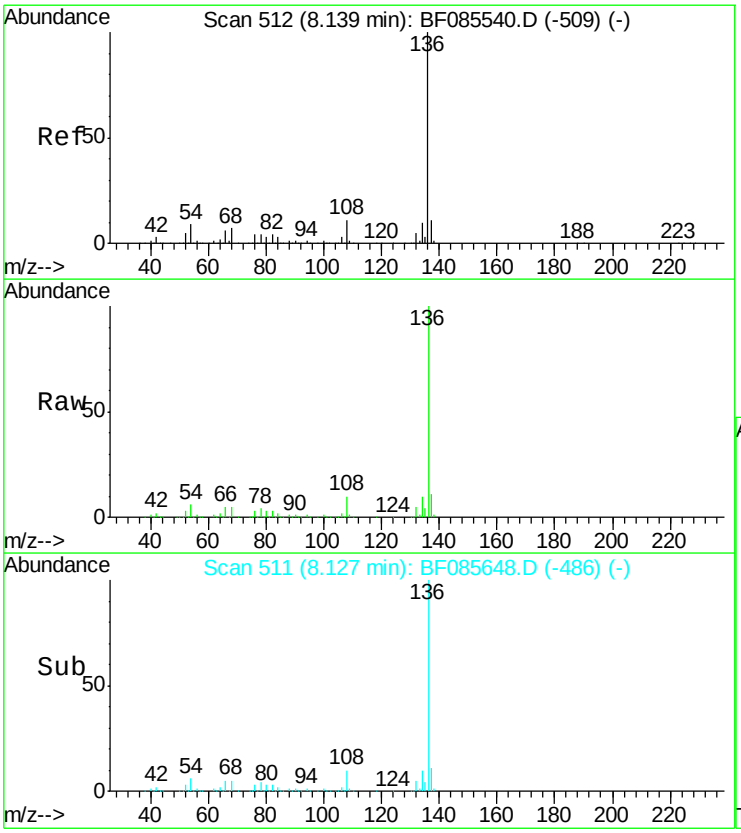
#7
Phenol-d6
Concen: 107.60 ng
RT: 6.47 min Scan# 366
Delta R.T. -0.02 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-8.0-9.0

Tgt Ion: 99 Resp: 975262

Ion	Ratio	Lower	Upper
99	100		
42	15.8	11.1	16.7
71	33.1	24.9	37.3

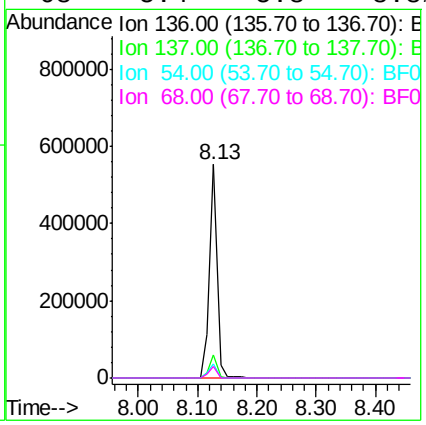


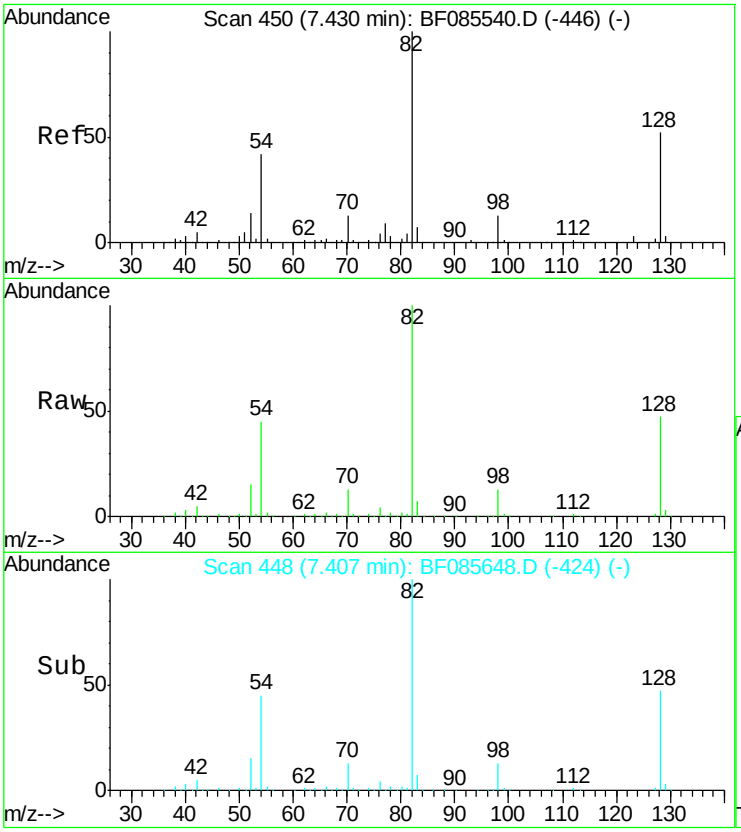


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Tgt Ion:136 Resp: 490290

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.4	7.4	11.0#
68	5.4	5.8	8.8#



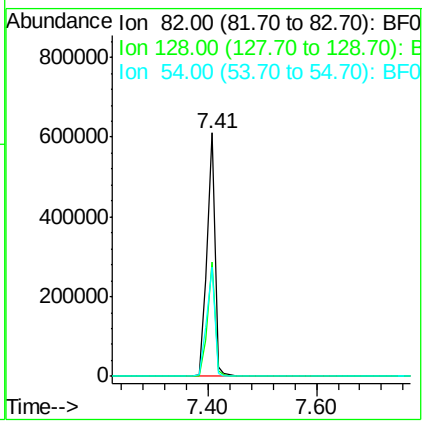


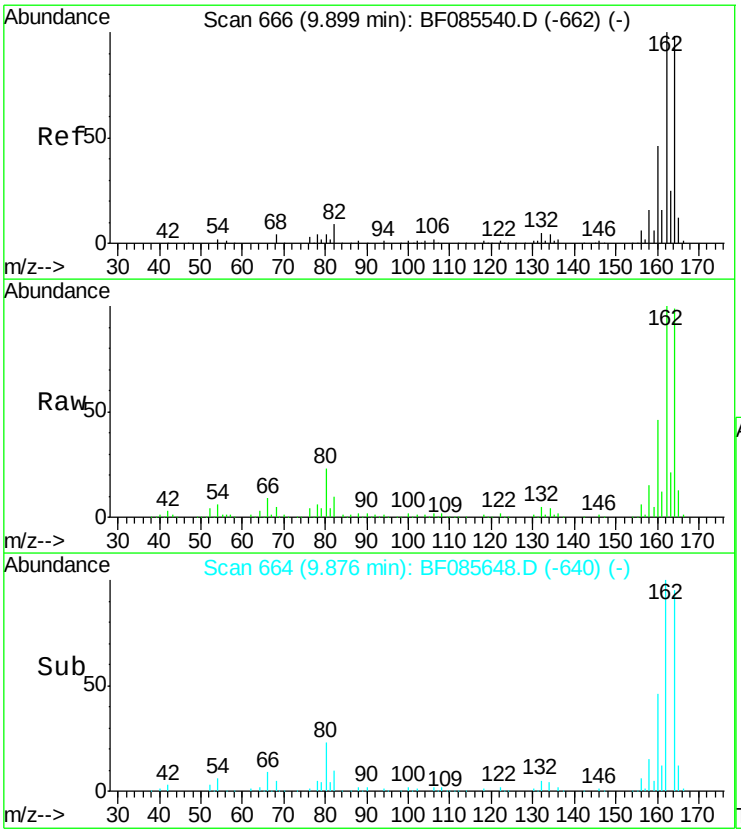
#23
Nitrobenzene-d5
Concen: 73.51 ng
RT: 7.41 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-8.0-9.0

Tgt Ion: 82 Resp: 620905

Ion	Ratio	Lower	Upper
82	100		
128	47.1	41.8	62.8
54	45.0	33.4	50.0

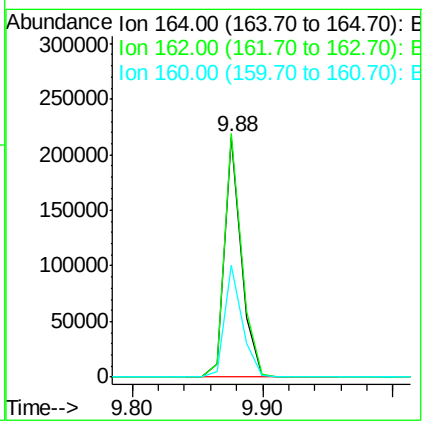


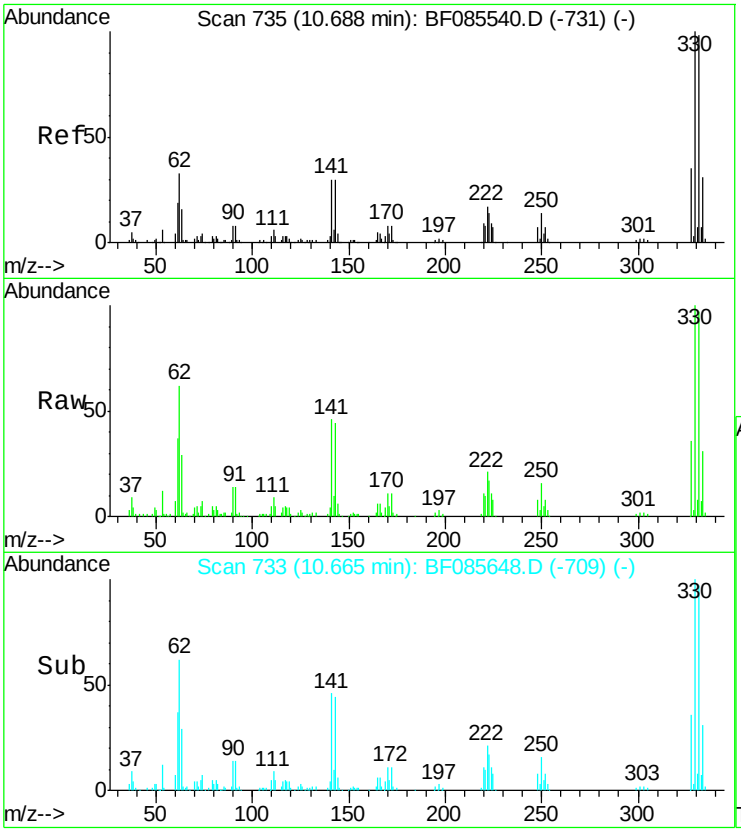


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 664
Delta R.T. -0.02 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Tgt Ion:164 Resp: 194981

Ion	Ratio	Lower	Upper
164	100		
162	101.3	82.1	123.1
160	46.7	37.4	56.2



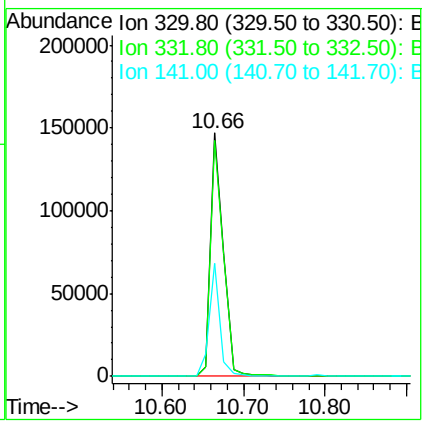


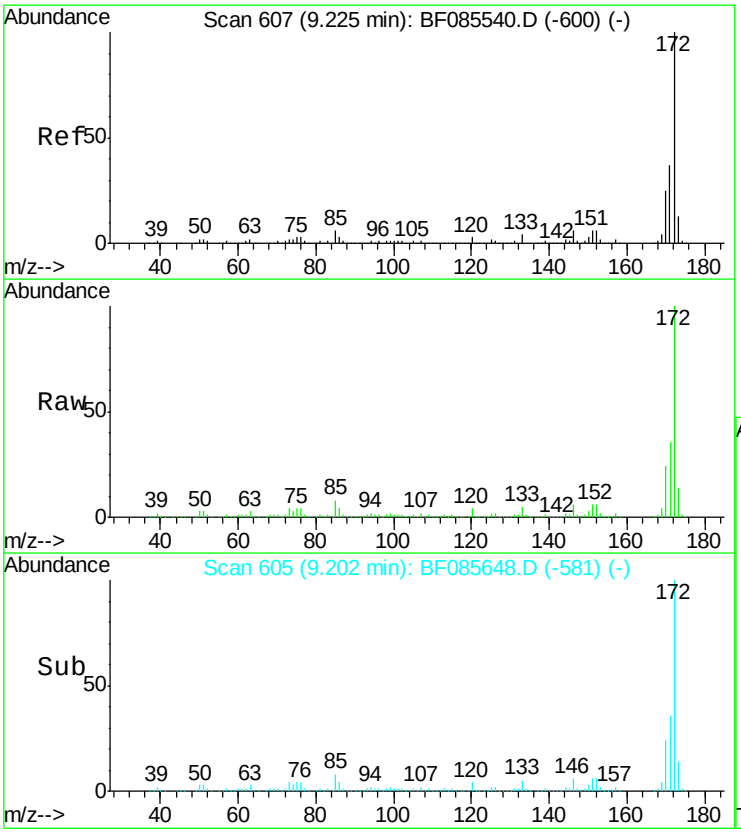
#41
2,4,6-Tribromophenol
Concen: 85.28 ng
RT: 10.66 min Scan# 733
Delta R.T. -0.02 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-8.0-9.0

Tgt Ion:330 Resp: 162875

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.2
141	39.9	31.5	47.3

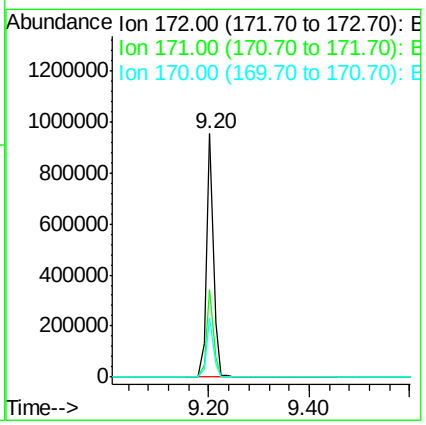


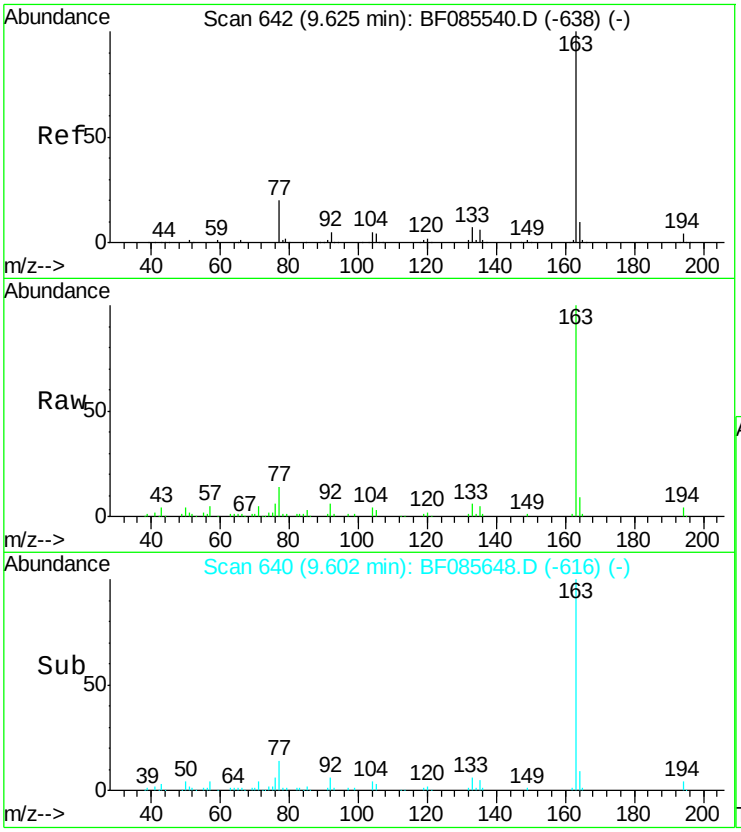


#44
2-Fluorobiphenyl
Concen: 78.37 ng
RT: 9.20 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Tgt Ion:172 Resp: 913634

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.2
170	24.4	19.8	29.6



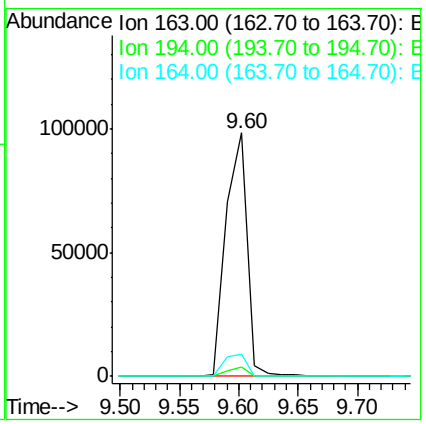


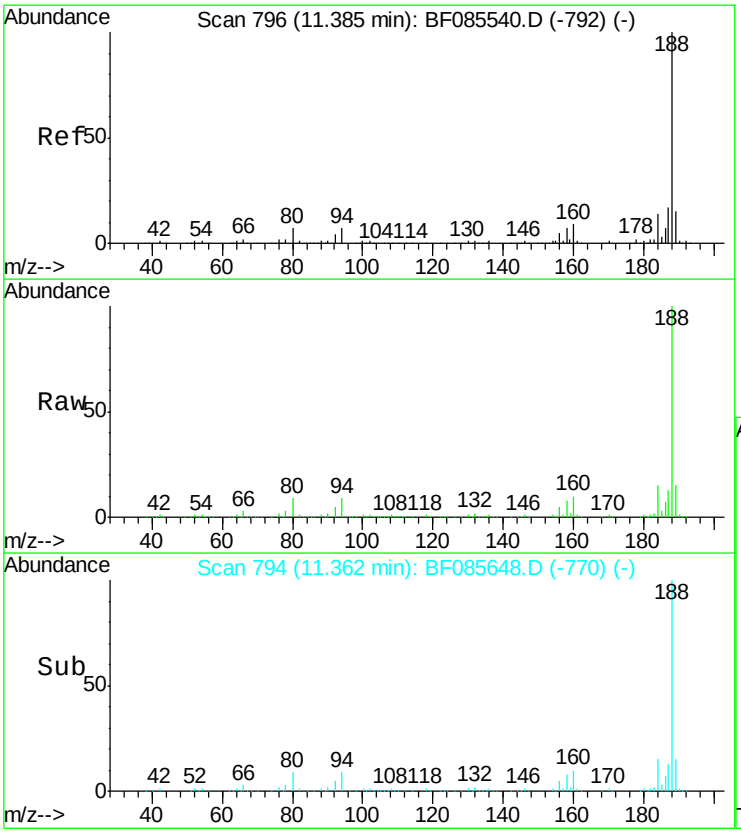
#49
Dimethylphthalate
Concen: 8.25 ng
RT: 9.60 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-8.0-9.0

Tgt Ion:163 Resp: 121321

Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.9	4.3
164	9.1	8.3	12.5

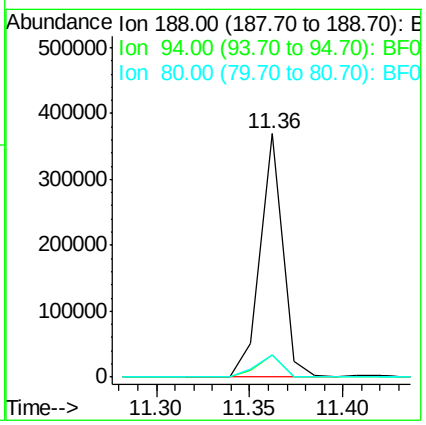


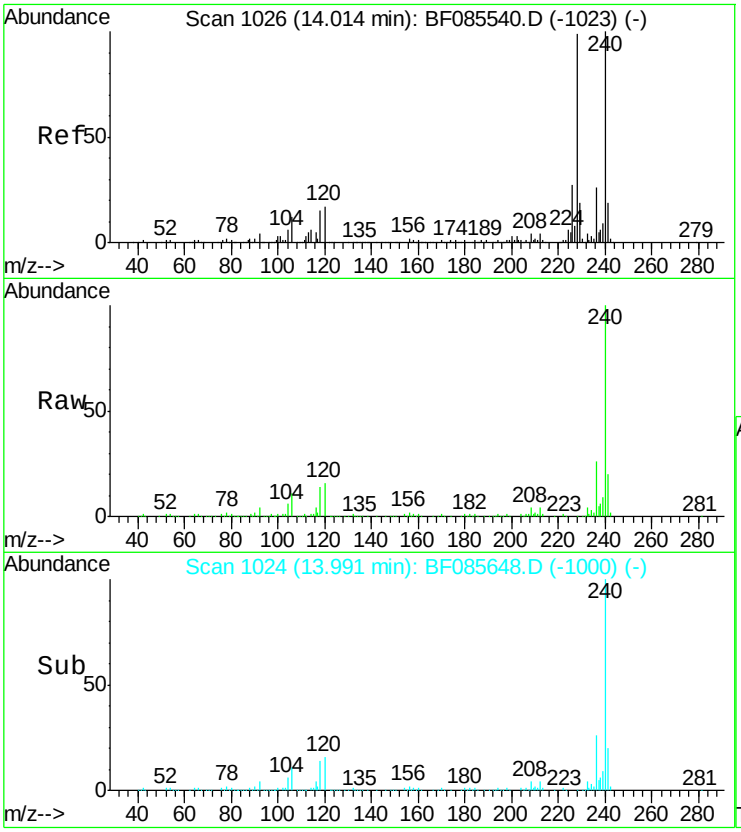


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Tgt Ion:188 Resp: 308689

Ion	Ratio	Lower	Upper
188	100		
94	9.1	5.4	8.0#
80	9.2	5.5	8.3#



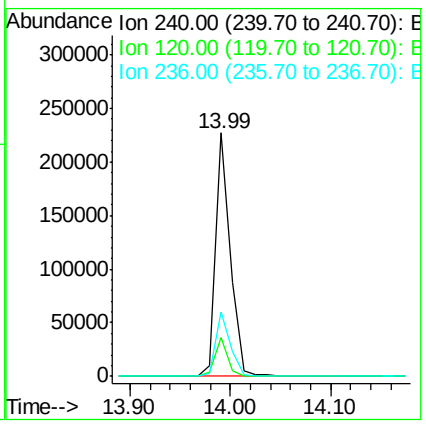


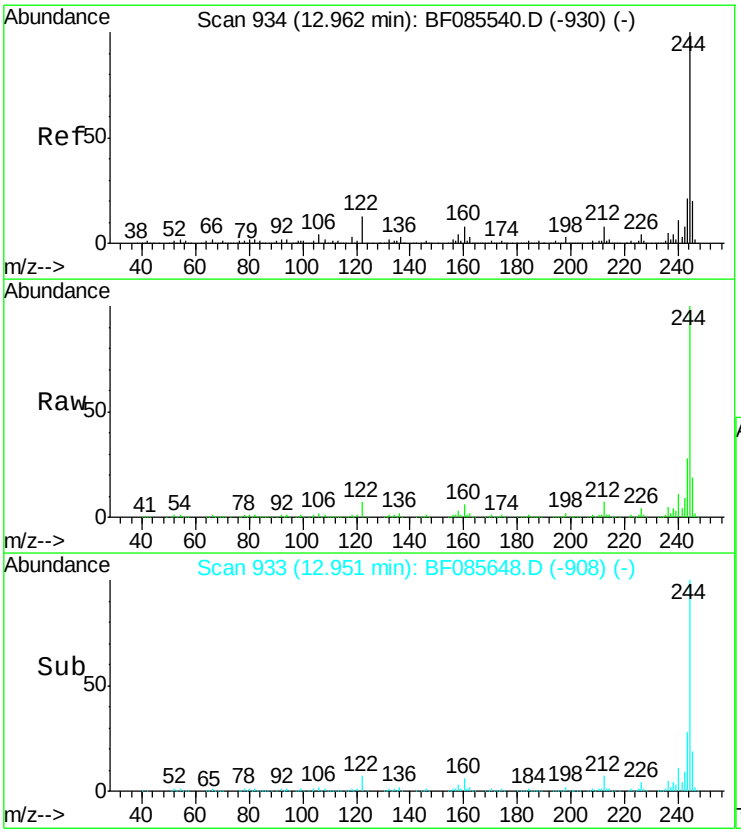
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-8.0-9.0

Tgt Ion:240 Resp: 230433

Ion	Ratio	Lower	Upper
240	100		
120	15.7	13.8	20.8
236	26.3	20.6	30.8

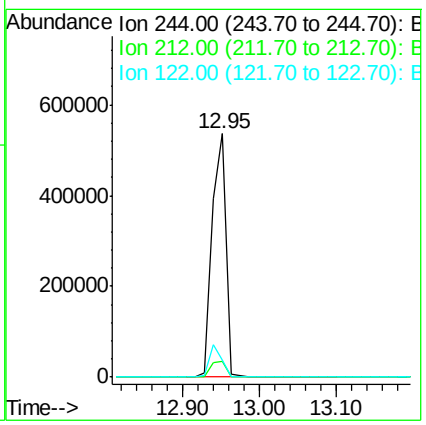


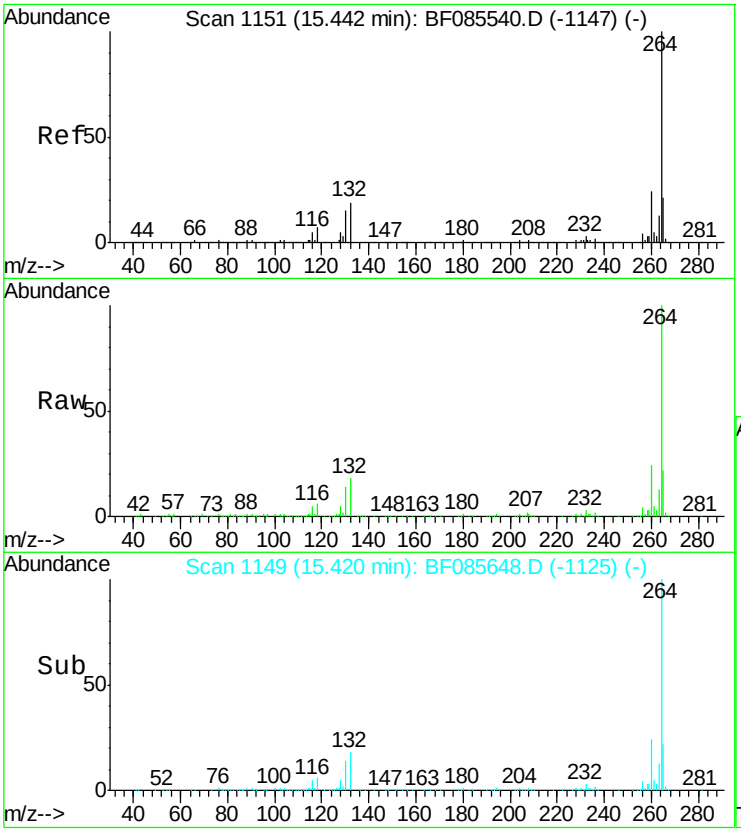


#78
Terphenyl-d14
Concen: 68.34 ng
RT: 12.95 min Scan# 933
Delta R.T. -0.01 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Tgt Ion:244 Resp: 654433

Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.1	9.1
122	7.0	10.2	15.4#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.42 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF085648.D
Acq: 22 Mar 2016 5:45

Instrument :
BNA_F
ClientSampleId :
PJ-SB-12-8.0-9.0

Tgt Ion:264 Resp: 238753

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.6	17.2	25.8