Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084287.D
Acq On : 6 Jan 2016 14:00
Operator : SJ/UM
Sample : PB87652BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB87652BL

Quant Time: Jan 07 01:03:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	252502	20.00	ng	-0.03
21) Naphthalene-d8	8.16	136	1087123	20.00	ng	-0.03
38) Acenaphthene-d10	9.90	164	525555	20.00	ng	-0.05
63) Phenanthrene-d10	11.39	188	1012916	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	804693	20.00	ng	-0.05
86) Perylene-d12	15.45	264	658052	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1658614	106.25	ng	-0.01
7) Phenol-d6	6.51	99	2176565	111.01	ng	-0.02
23) Nitrobenzene-d5	7.44	82	1570393	80.40	ng	-0.03
41) 2,4,6-Tribromophenol	10.69	330	568099	107.07	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	2356265	78.38	ng	-0.03
78) Terphenyl-d14	12.98	244	2369430	65.73	ng	-0.03
Target Compounds						Qvalue

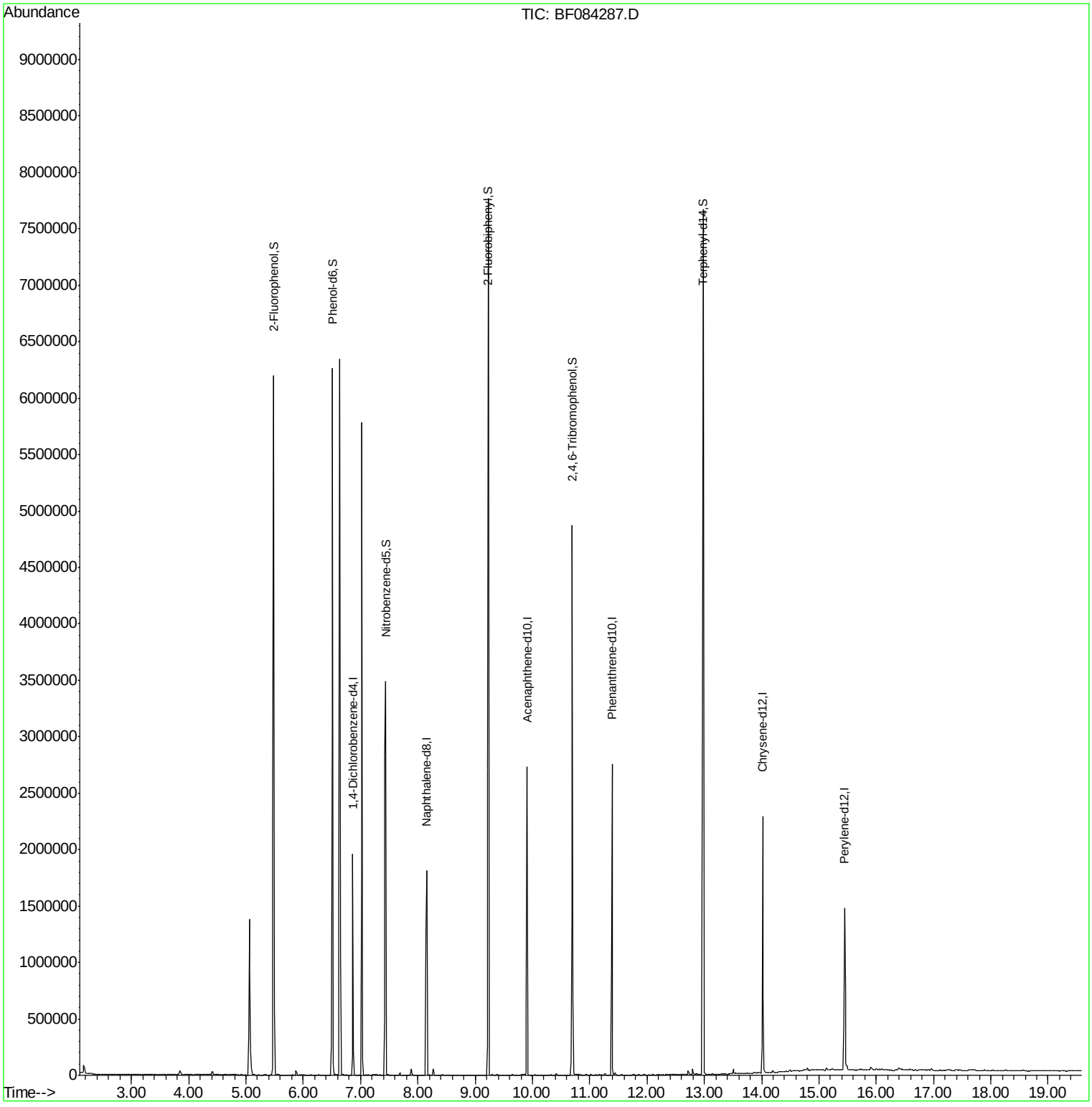
(#) = qualifier out of range (m) = manual integration (+) = signals summed

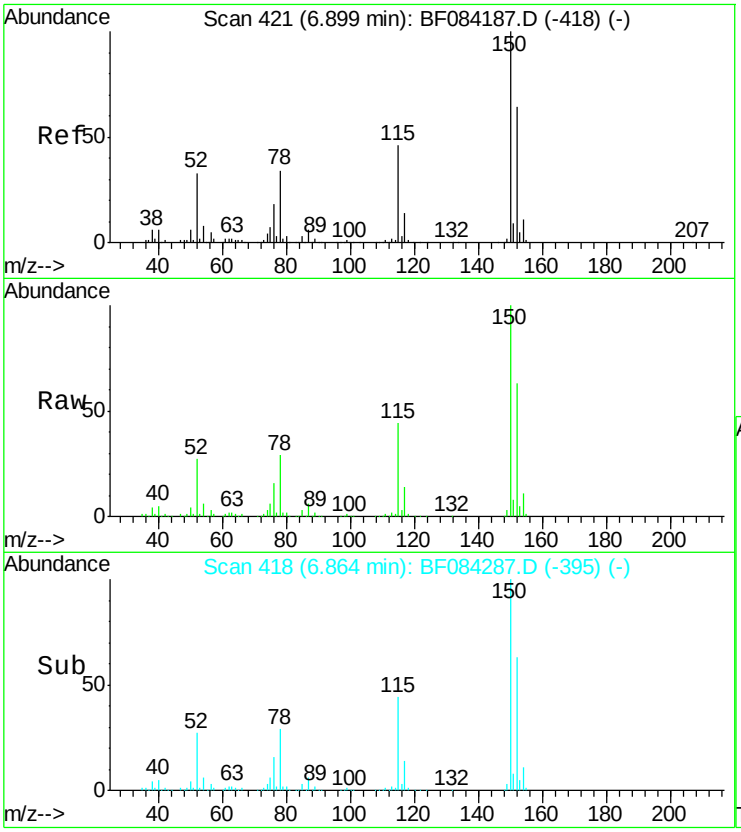
Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010616\
Data File : BF084287.D
Acq On : 6 Jan 2016 14:00
Operator : SJ/UM
Sample : PB87652BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB87652BL

Quant Time: Jan 07 01:03:21 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration



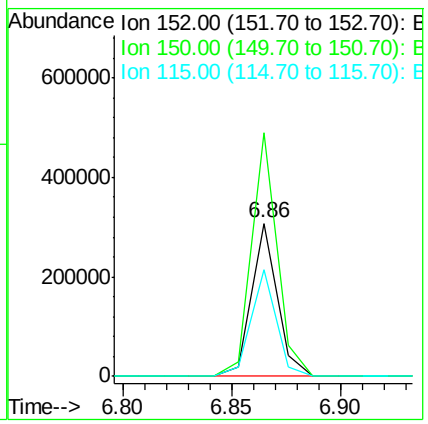


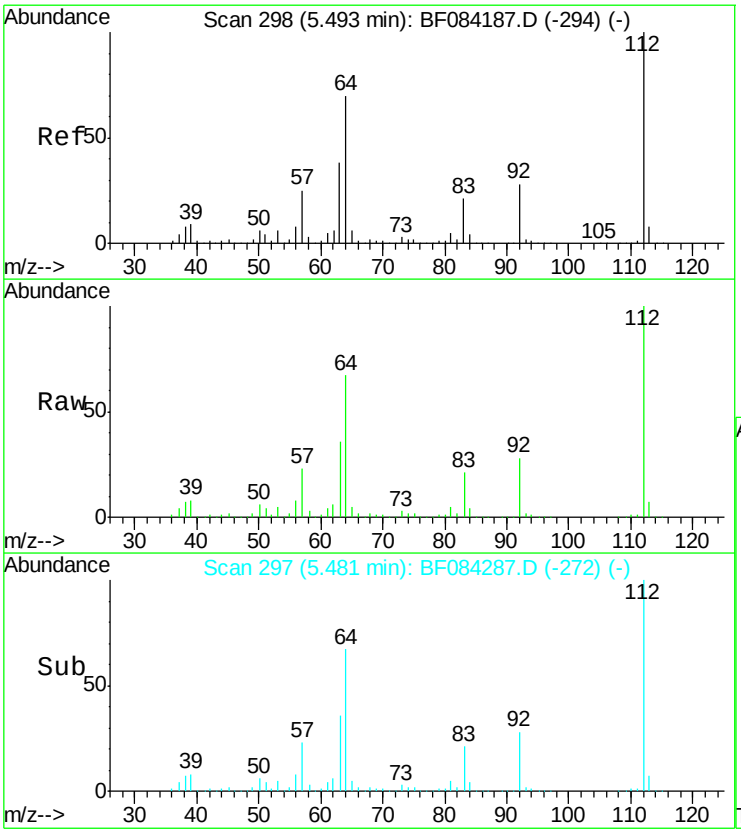
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.03 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Instrument :
BNA_F
ClientSampleId :
PB87652BL

Tgt Ion:152 Resp: 252502

Ion	Ratio	Lower	Upper
152	100		
150	158.8	123.0	184.4
115	69.5	51.4	77.2

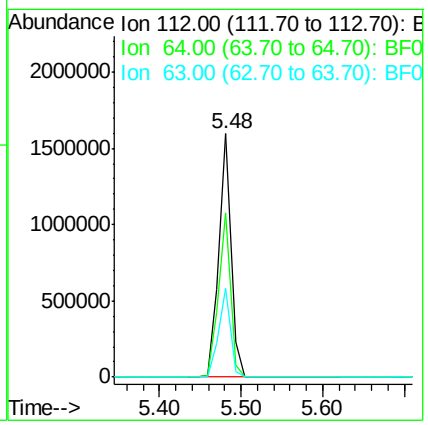


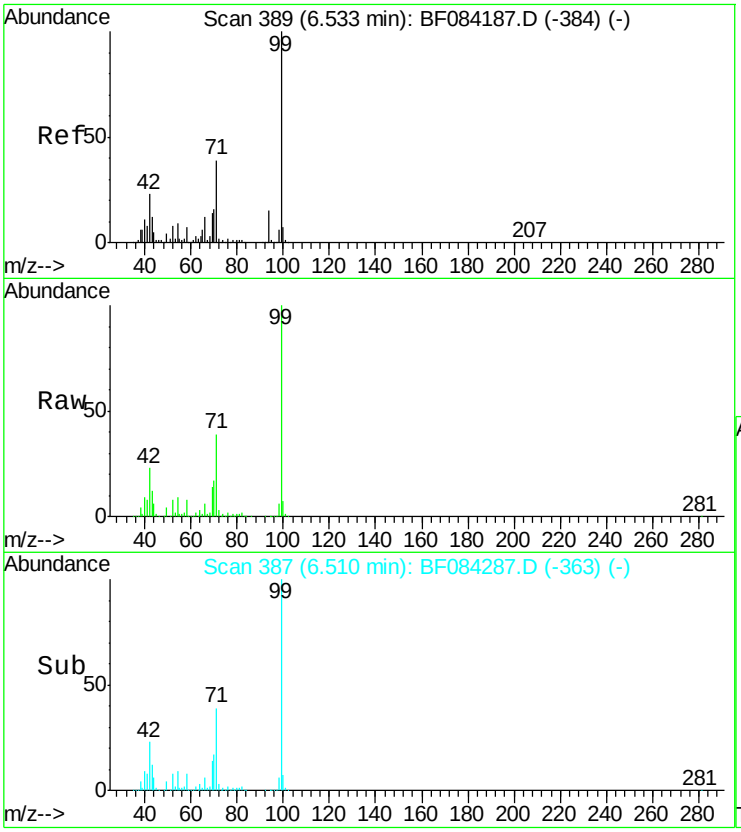


#5
2-Fluorophenol
Concen: 106.25 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.01 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Tgt Ion:112 Resp: 1658614

Ion	Ratio	Lower	Upper
112	100		
64	67.3	36.6	55.0#
63	36.4	19.4	29.0#



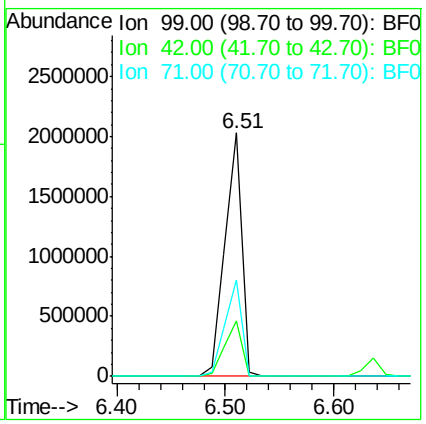


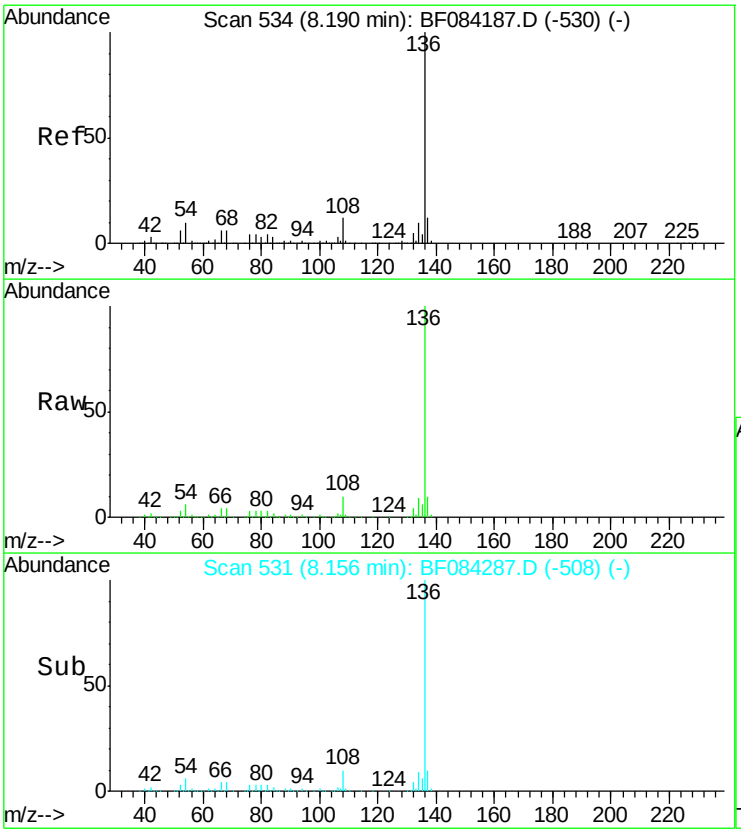
#7
Phenol-d6
Concen: 111.01 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.02 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Instrument :
BNA_F
ClientSampleId :
PB87652BL

Tgt Ion: 99 Resp: 2176565

Ion	Ratio	Lower	Upper
99	100		
42	23.0	12.8	19.2#
71	39.5	30.9	46.3

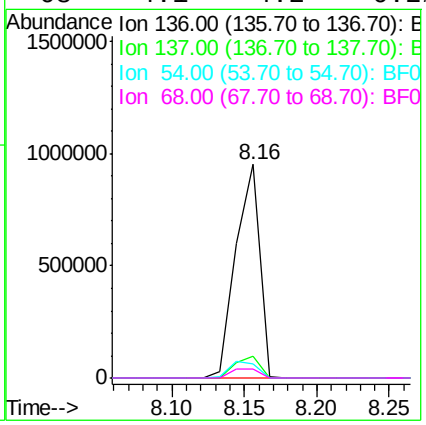


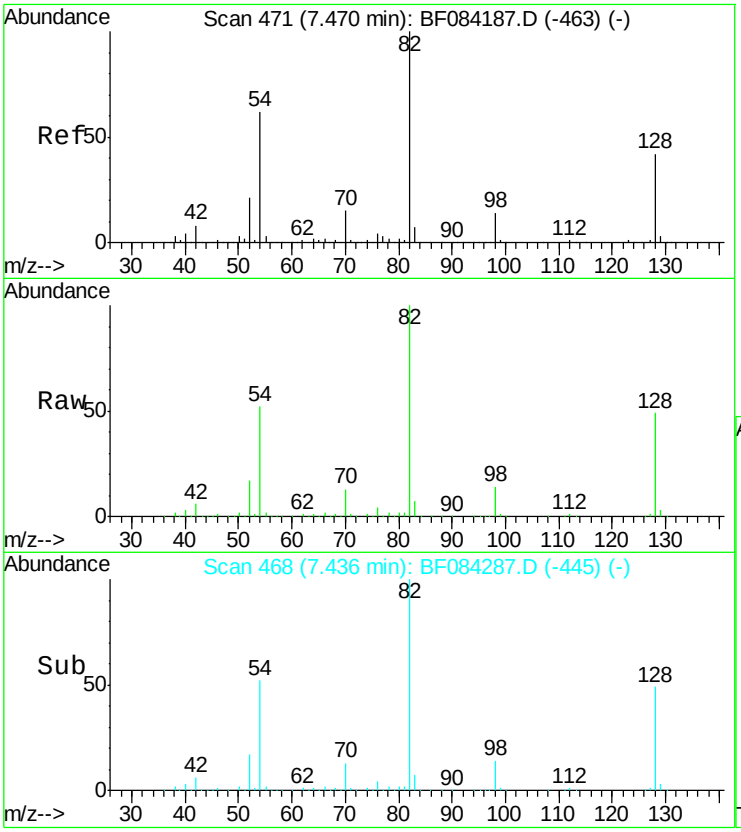


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.03 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Tgt Ion:136 Resp: 1087123

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	6.4	5.8	8.8
68	4.1	4.2	6.2#



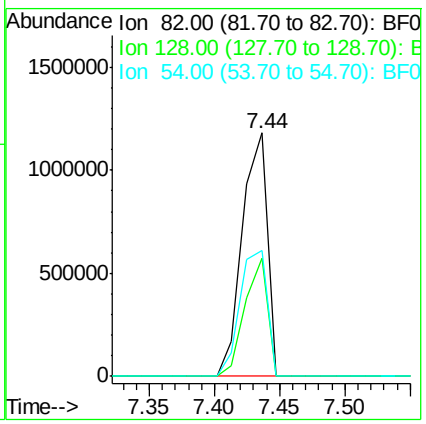


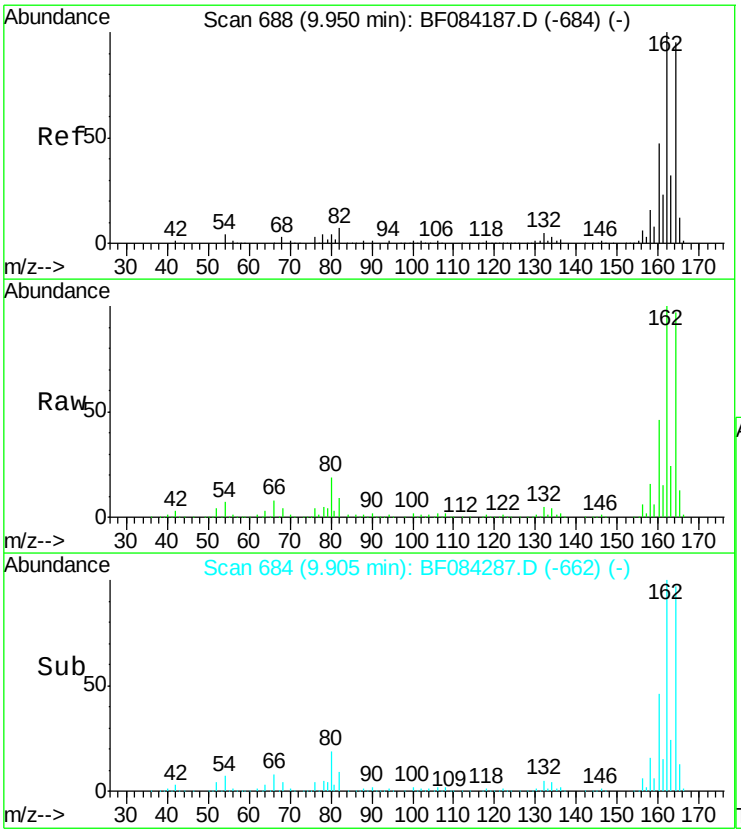
#23
Nitrobenzene-d5
Concen: 80.40 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.03 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Instrument :
BNA_F
ClientSampleId :
PB87652BL

Tgt Ion: 82 Resp: 1570393

Ion	Ratio	Lower	Upper
82	100		
128	48.6	34.6	51.8
54	51.9	38.4	57.6

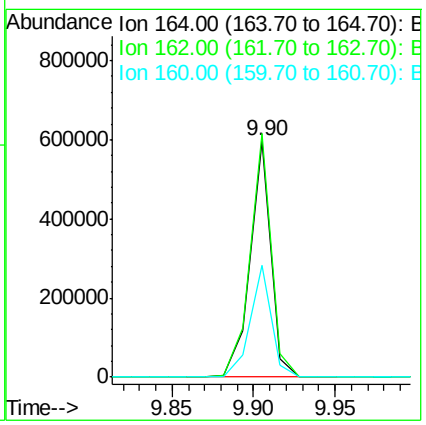


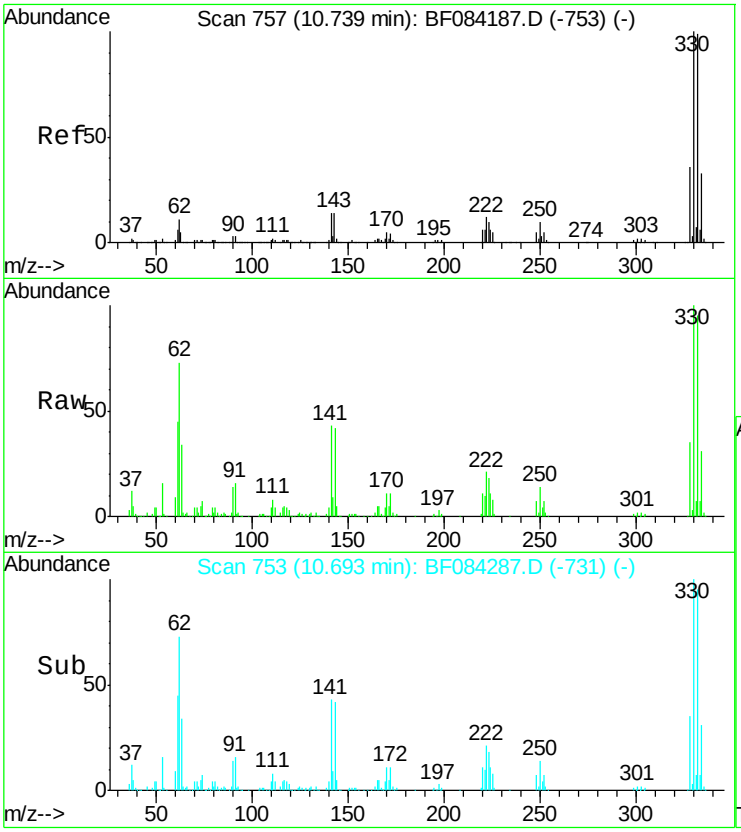


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.05 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Tgt Ion:164 Resp: 525555

Ion	Ratio	Lower	Upper
164	100		
162	103.1	85.1	127.7
160	47.1	37.5	56.3



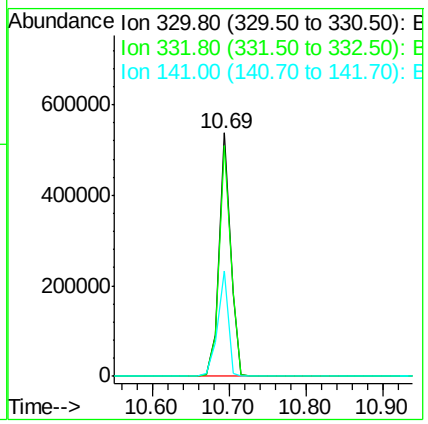


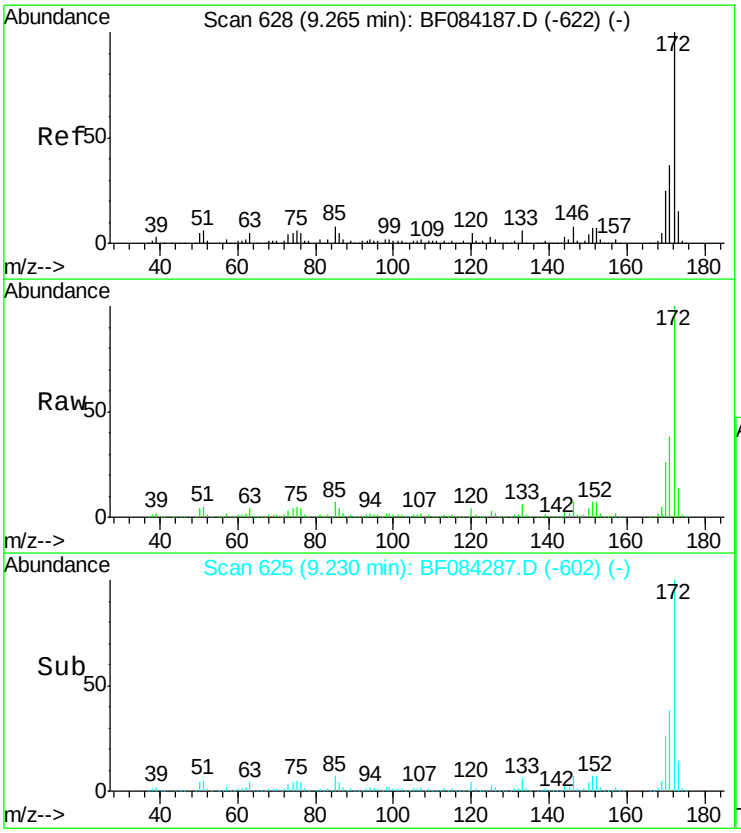
#41
2,4,6-Tribromophenol
Concen: 107.07 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.05 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Instrument :
BNA_F
ClientSampleId :
PB87652BL

Tgt Ion:330 Resp: 568099

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	39.2	27.8	41.6

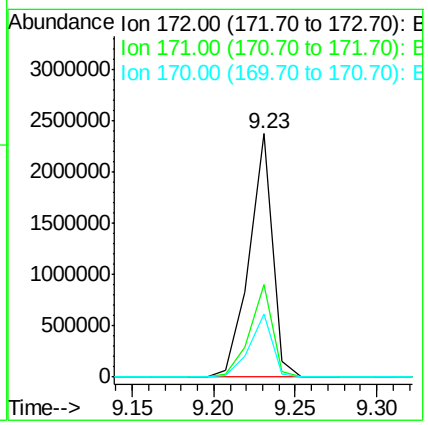


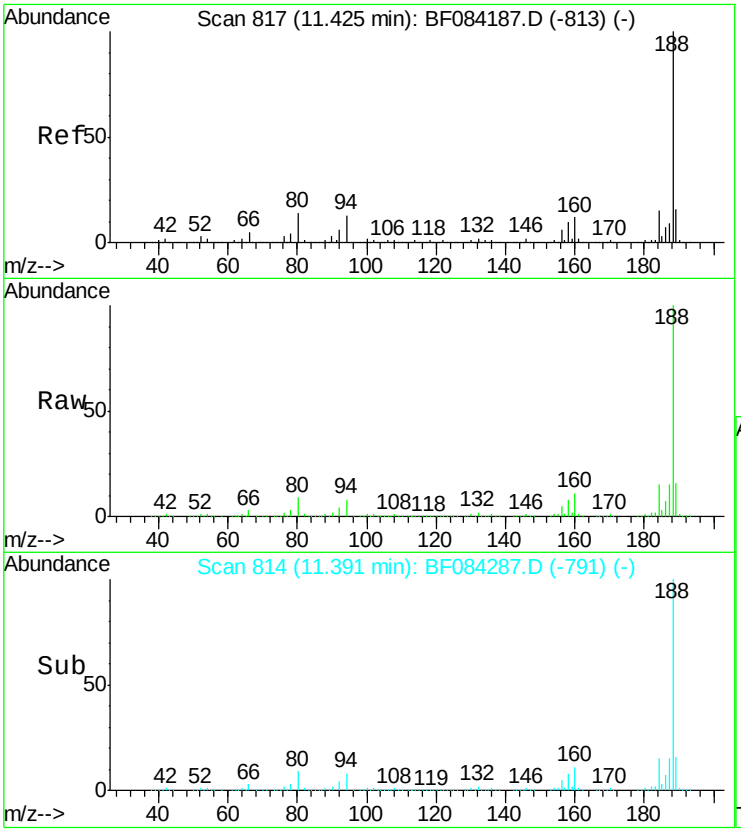


#44
2-Fluorobiphenyl
Concen: 78.38 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Tgt Ion:172 Resp: 2356265

Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.9	43.3
170	26.1	18.6	27.8



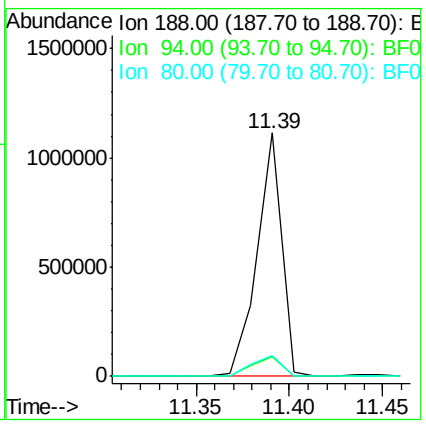


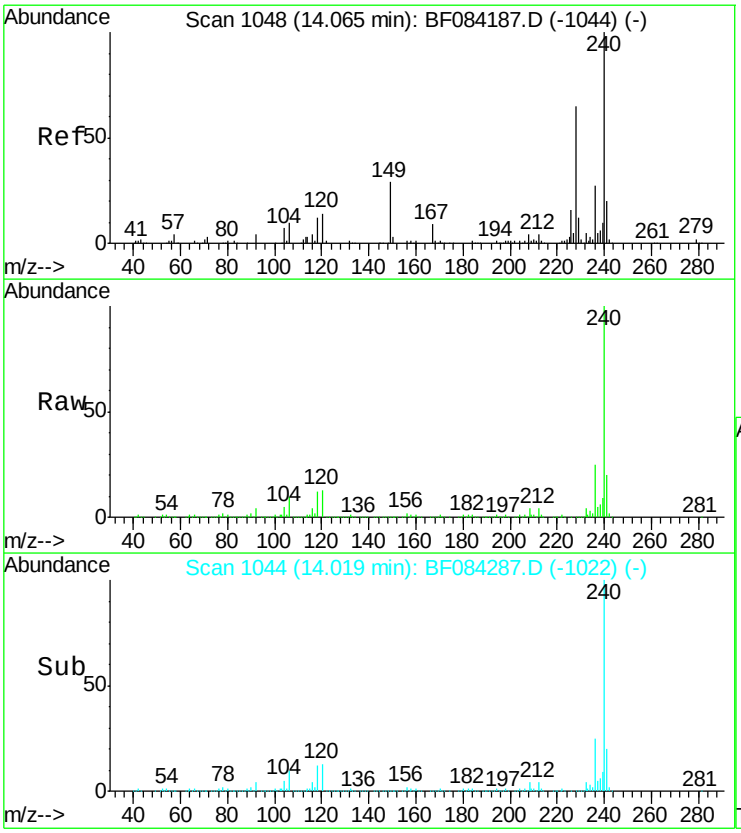
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.03 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Instrument :
BNA_F
ClientSampleId :
PB87652BL

Tgt Ion:188 Resp: 1012916

Ion	Ratio	Lower	Upper
188	100		
94	8.0	9.0	13.4#
80	8.7	9.6	14.4#

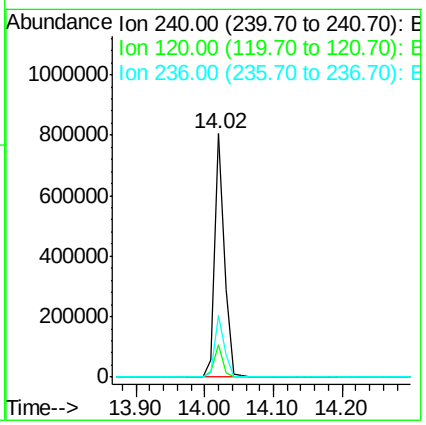


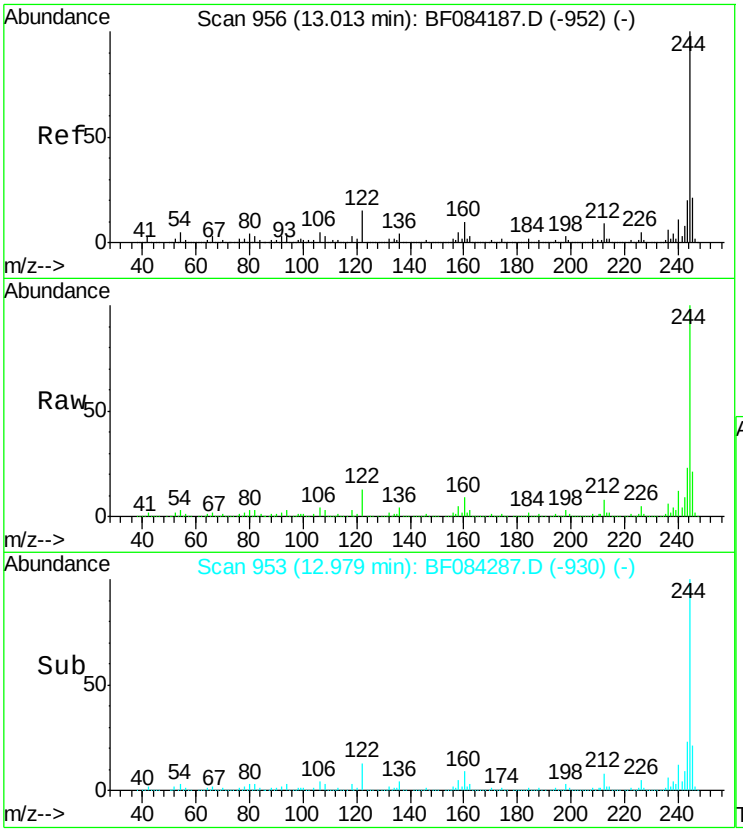


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Tgt Ion:240 Resp: 804693

Ion	Ratio	Lower	Upper
240	100		
120	13.4	9.5	14.3
236	25.5	20.6	31.0



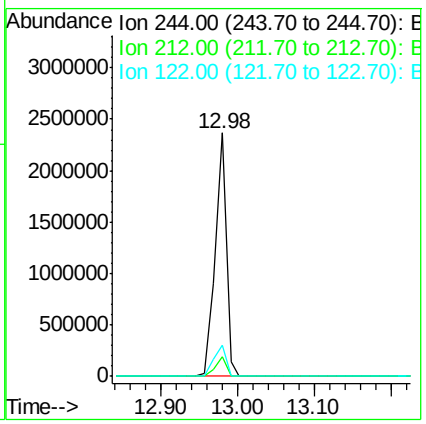


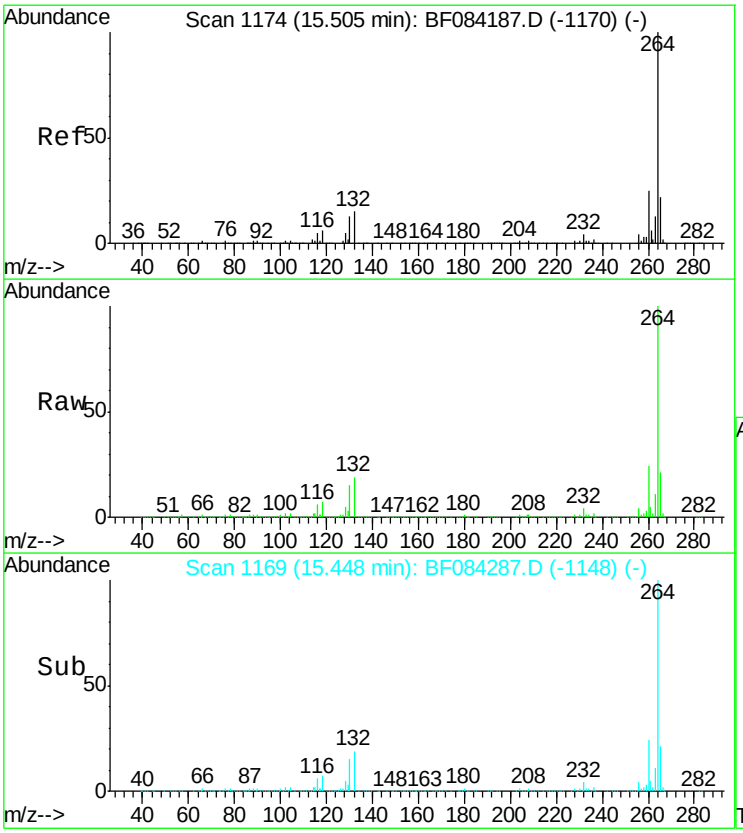
#78
Terphenyl-d14
Concen: 65.73 ng
RT: 12.98 min Scan# 953
Delta R.T. -0.03 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Instrument :
BNA_F
ClientSampleId :
PB87652BL

Tgt Ion:244 Resp: 2369430

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	13.0	7.4	11.0#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF084287.D
Acq: 6 Jan 2016 14:00

Tgt Ion:264 Resp: 658052

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.2
265	20.8	17.8	26.6