Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088537.D
Acq On : 30 Jun 2016 19:02
Operator : UM/SJ
Sample : PB91573TB
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91573TB

Quant Time: Jul 01 01:51:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	136344	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	566854	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	277155	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	507479	20.00	ng	0.00
75) Chrysene-d12	13.95	240	449646	20.00	ng	0.00
86) Perylene-d12	15.35	264	341002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1158278	127.32	ng	0.02
7) Phenol-d6	6.44	99	1216805	103.51	ng	0.00
23) Nitrobenzene-d5	7.38	82	946403	87.49	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	325841	126.61	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1297737	73.96	ng	0.00
78) Terphenyl-d14	12.91	244	1190093	58.95	ng	0.00
Target Compounds						Qvalue

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

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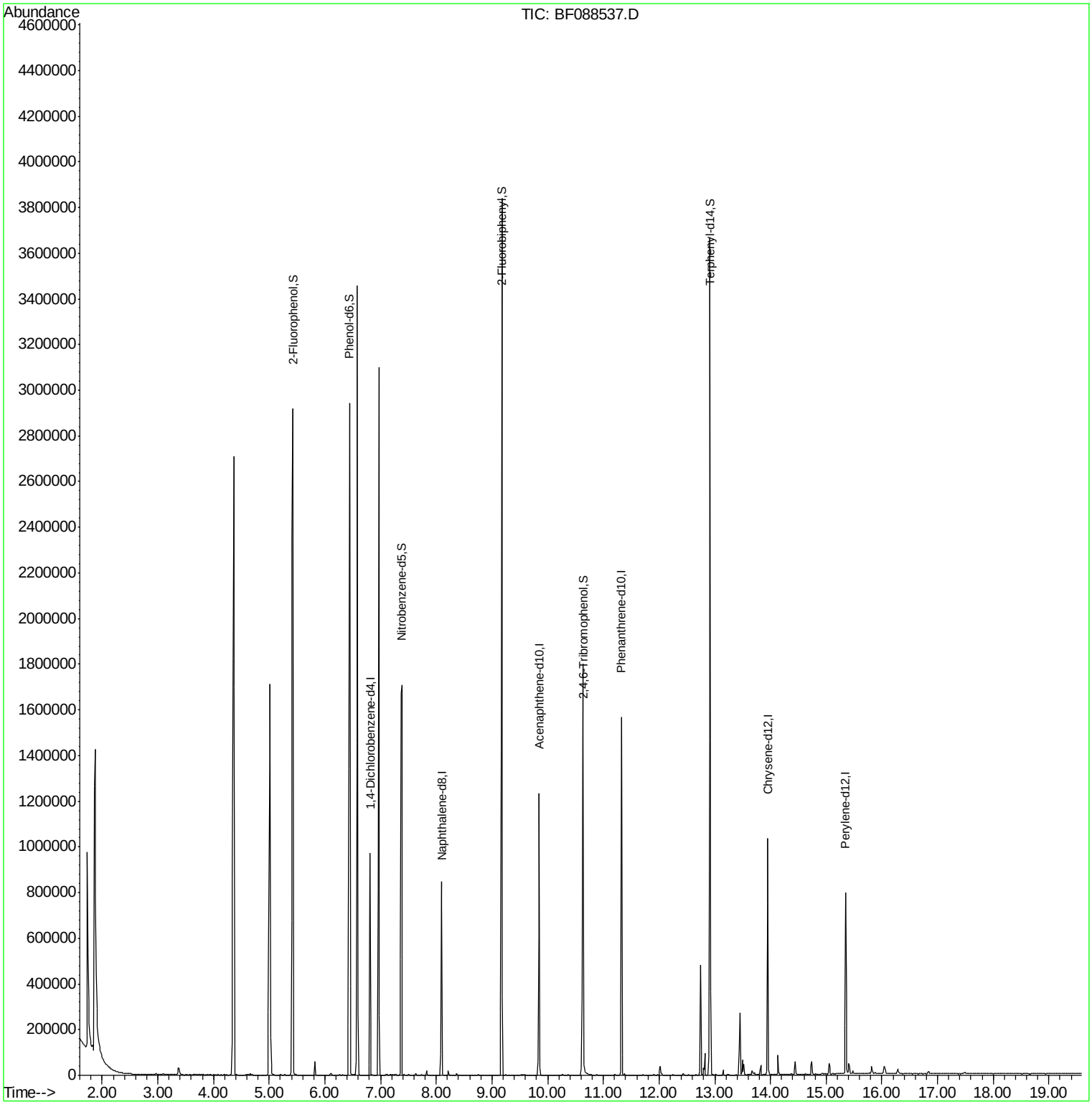
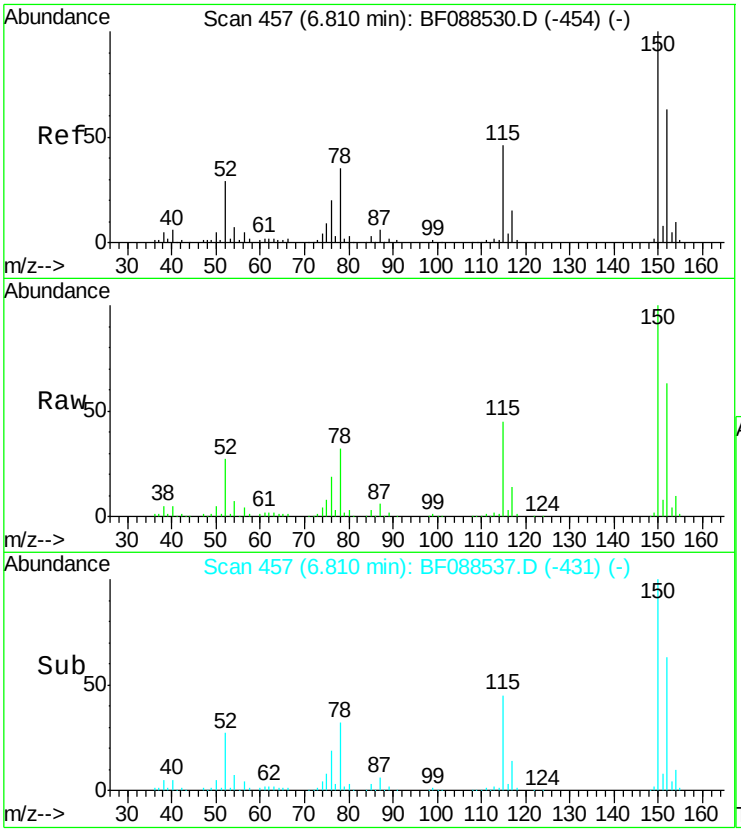


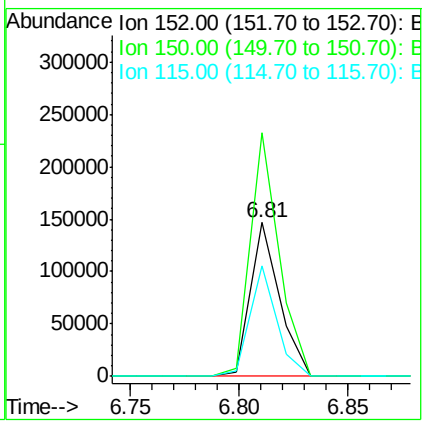


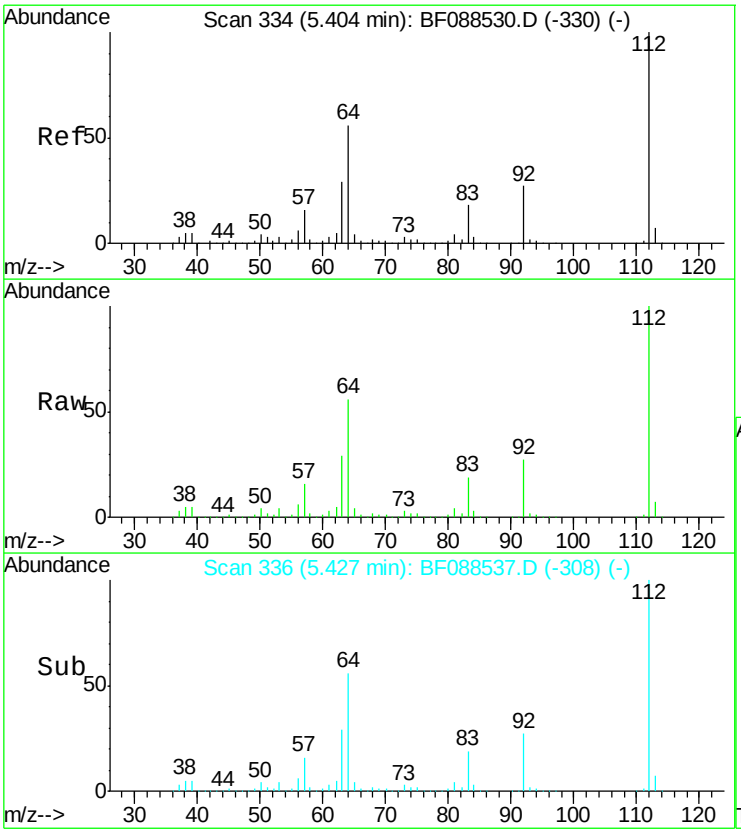
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Instrument :
BNA_F
ClientSampleId :
PB91573TB

Tgt Ion:152 Resp: 136344

Ion	Ratio	Lower	Upper
152	100		
150	158.5	123.8	185.6
115	71.6	39.6	59.4#

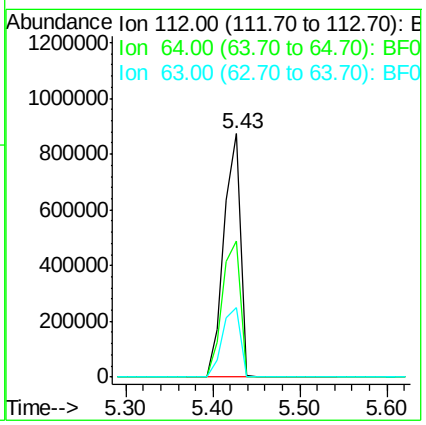


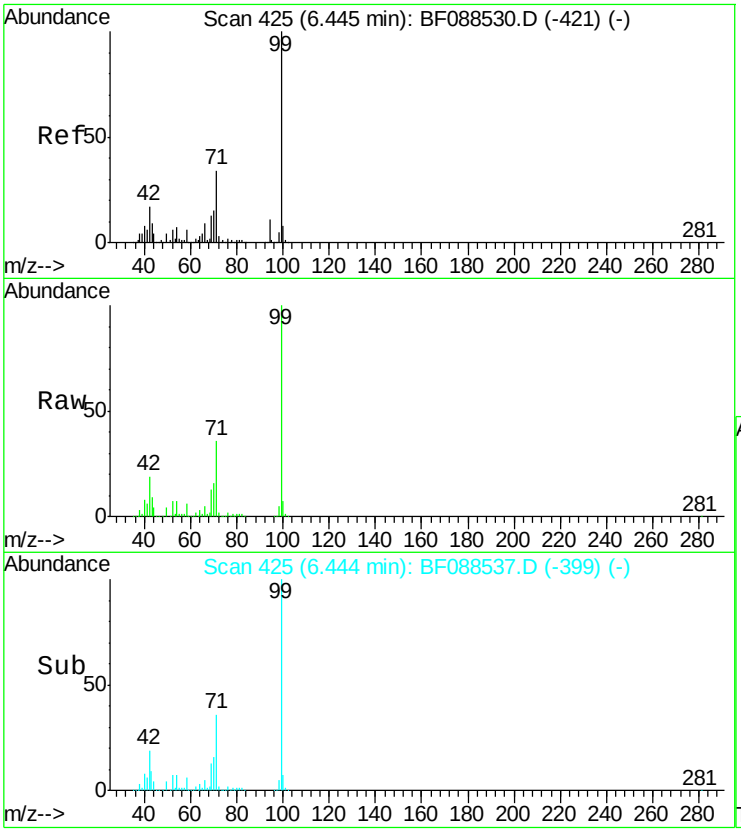


#5
2-Fluorophenol
Concen: 127.32 ng
RT: 5.43 min Scan# 336
Delta R.T. 0.02 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Tgt Ion:112 Resp: 1158278

Ion	Ratio	Lower	Upper
112	100		
64	55.8	42.2	63.2
63	28.7	21.8	32.8



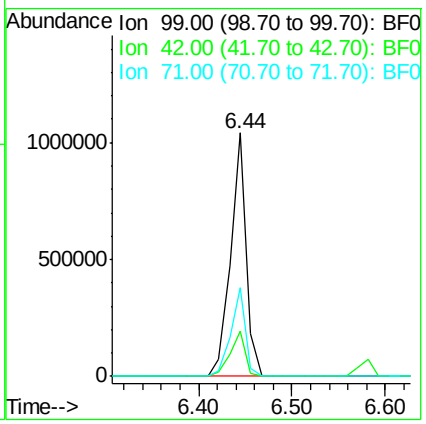


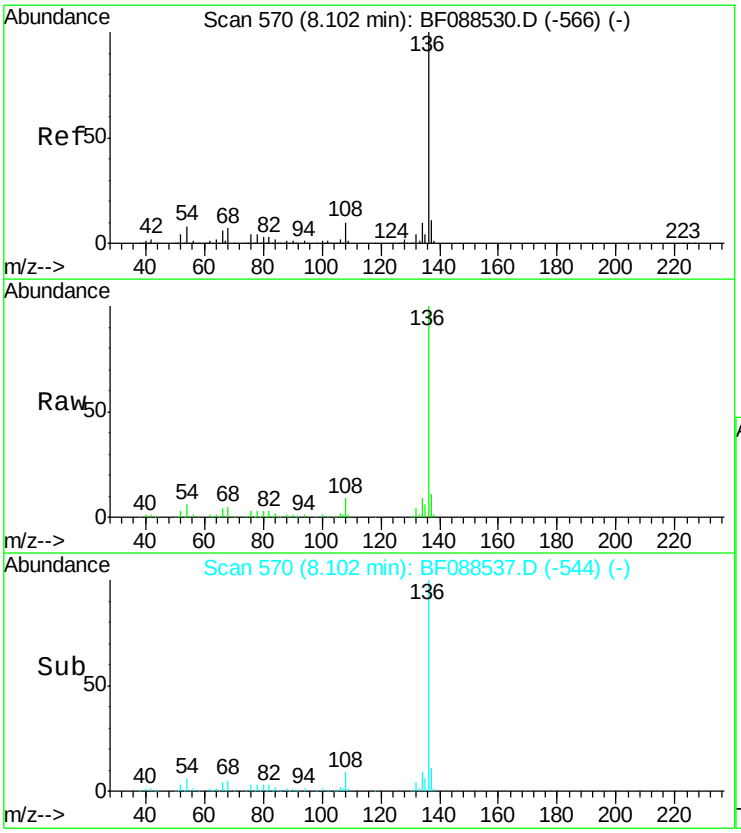
#7
Phenol-d6
Concen: 103.51 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Instrument :
BNA_F
ClientSampleId :
PB91573TB

Tgt Ion: 99 Resp: 1216805

Ion	Ratio	Lower	Upper
99	100		
42	18.7	12.2	18.2#
71	36.3	23.4	35.0#

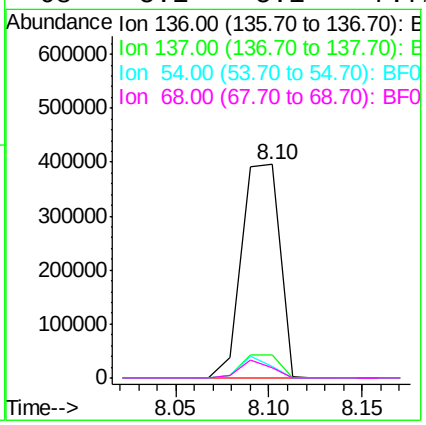


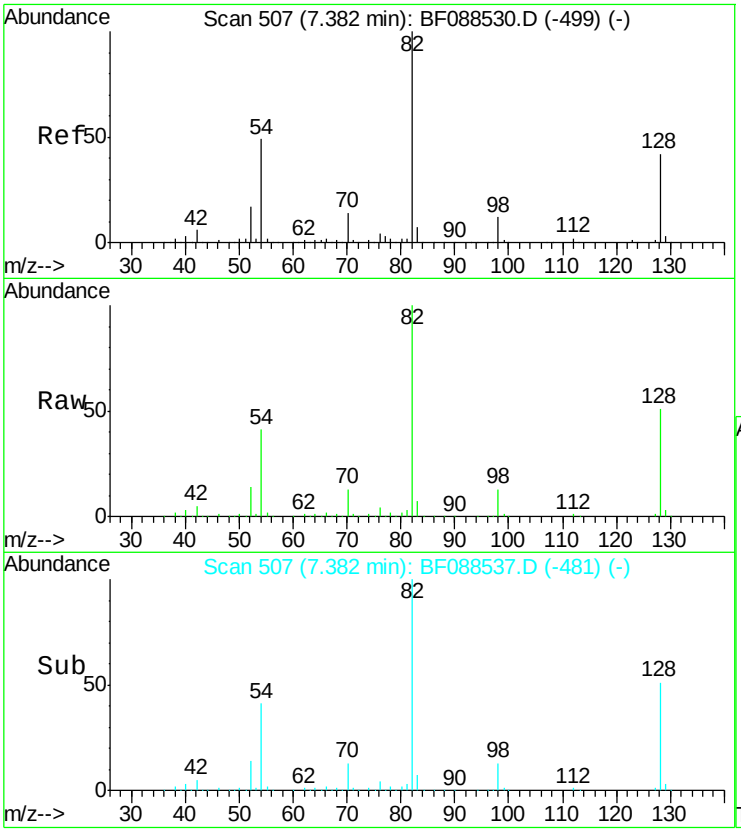


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Tgt Ion:136 Resp: 566854

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.6	6.6	10.0#
68	5.1	5.1	7.7#



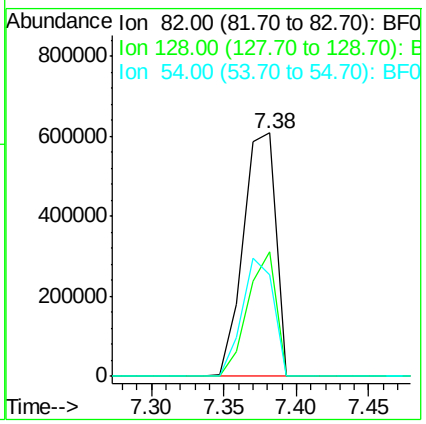


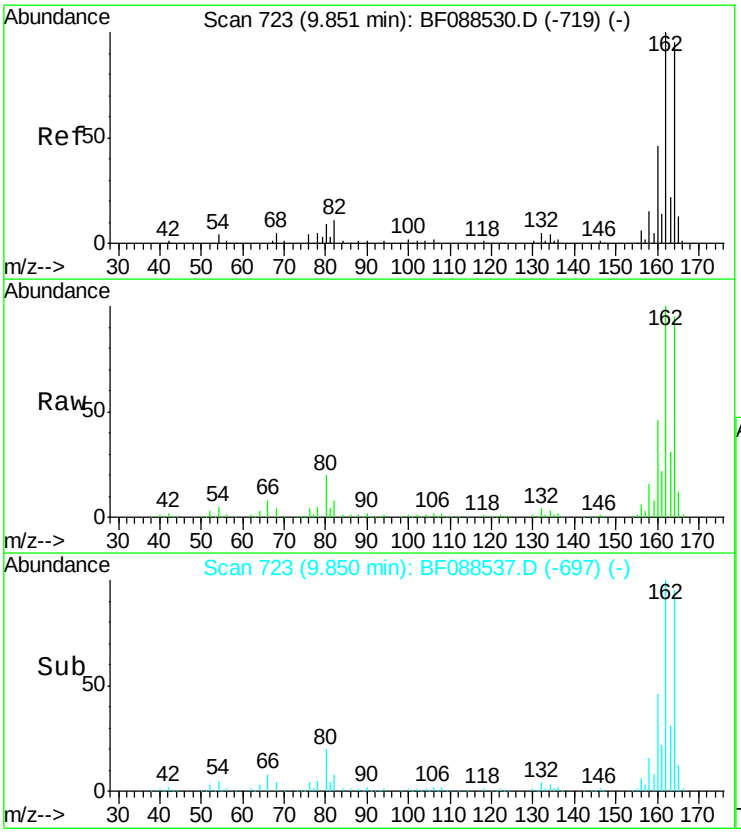
#23
Nitrobenzene-d5
Concen: 87.49 ng
RT: 7.38 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Instrument :
BNA_F
ClientSampleId :
PB91573TB

Tgt Ion: 82 Resp: 946403

Ion	Ratio	Lower	Upper
82	100		
128	51.1	35.9	53.9
54	41.4	40.9	61.3

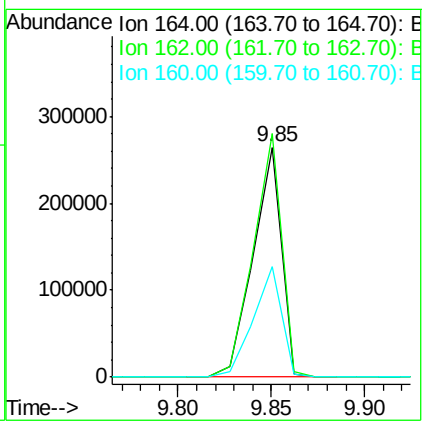


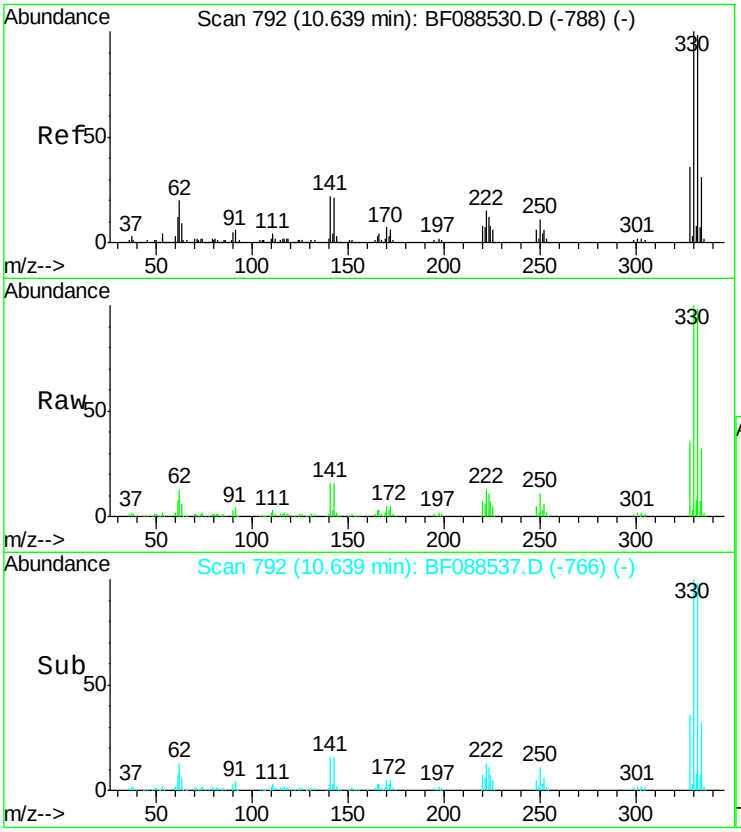


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Tgt Ion:164 Resp: 277155

Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.4	128.2
160	48.3	39.5	59.3



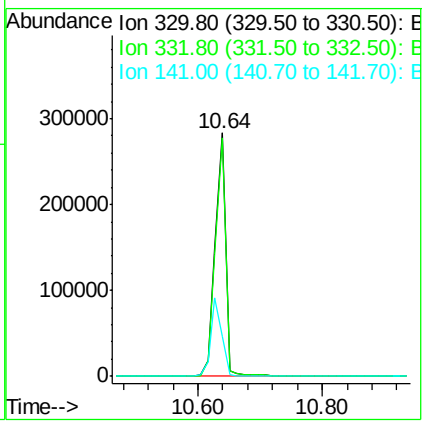


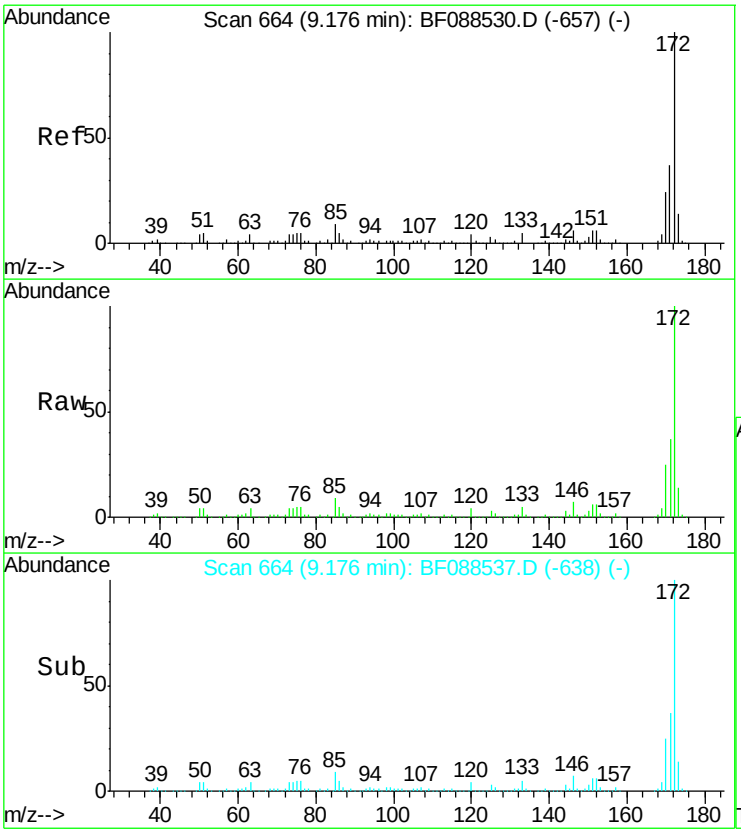
#41
2,4,6-Tribromophenol
Concen: 126.61 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Instrument :
BNA_F
ClientSampleId :
PB91573TB

Tgt Ion:330 Resp: 325841

Ion	Ratio	Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	34.2	0.0	0.0#

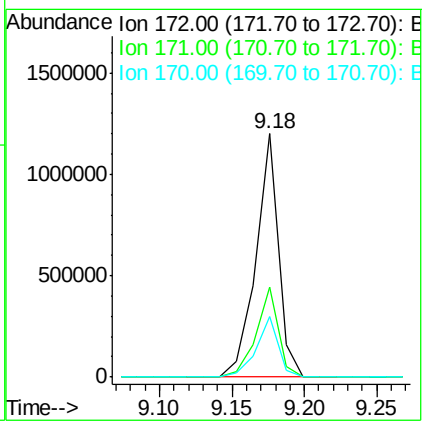


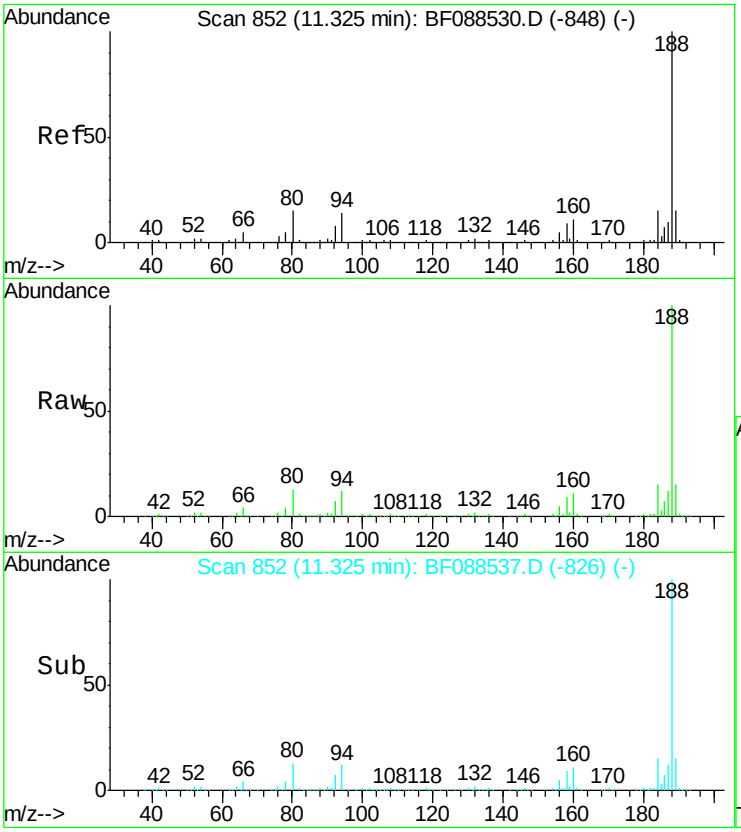


#44
2-Fluorobiphenyl
Concen: 73.96 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Tgt Ion:172 Resp: 1297737

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	43.0
170	25.0	19.2	28.8



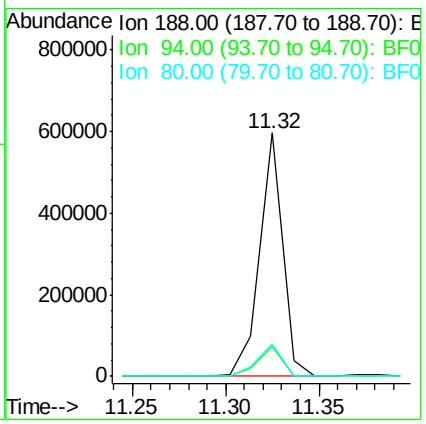


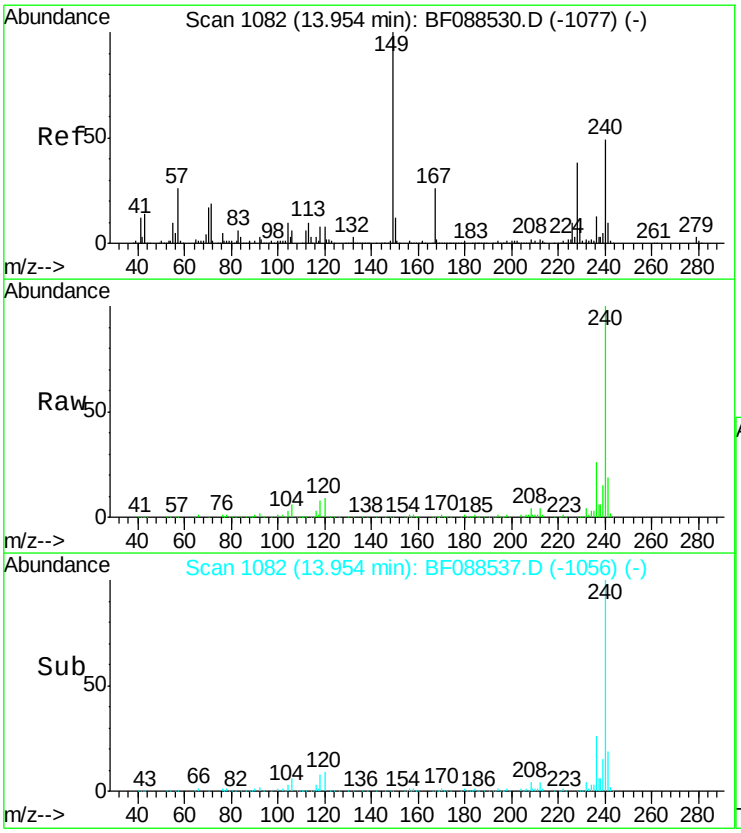
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Instrument :
BNA_F
ClientSampleId :
PB91573TB

Tgt Ion:188 Resp: 507479

Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.0	13.6
80	13.3	10.0	15.0

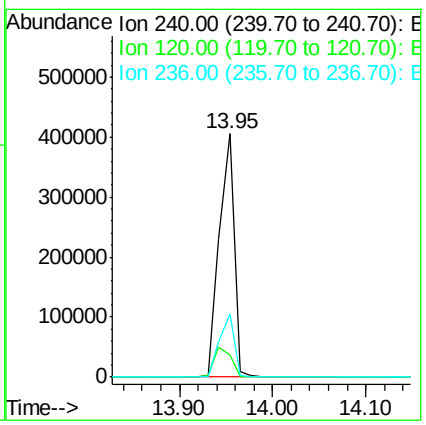


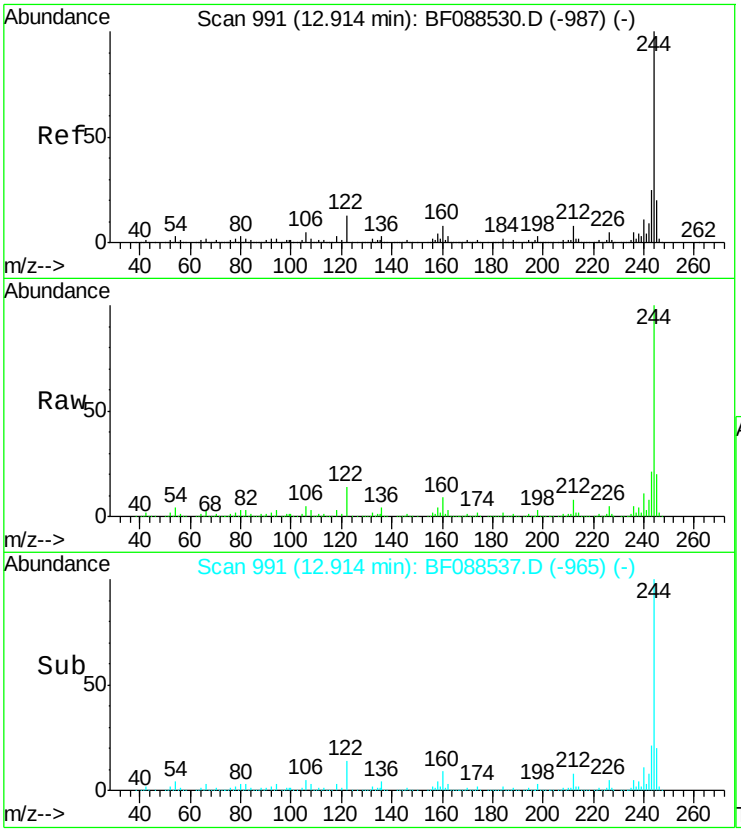


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Tgt Ion:240 Resp: 449646

Ion	Ratio	Lower	Upper
240	100		
120	9.1	6.8	10.2
236	25.8	20.2	30.2



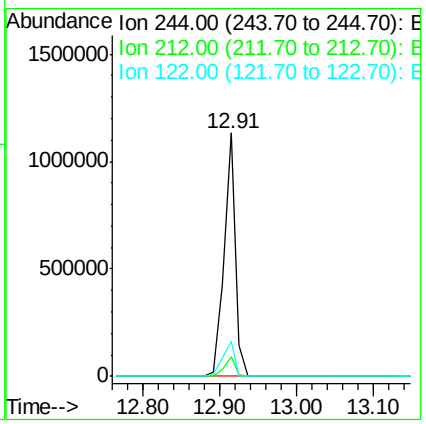


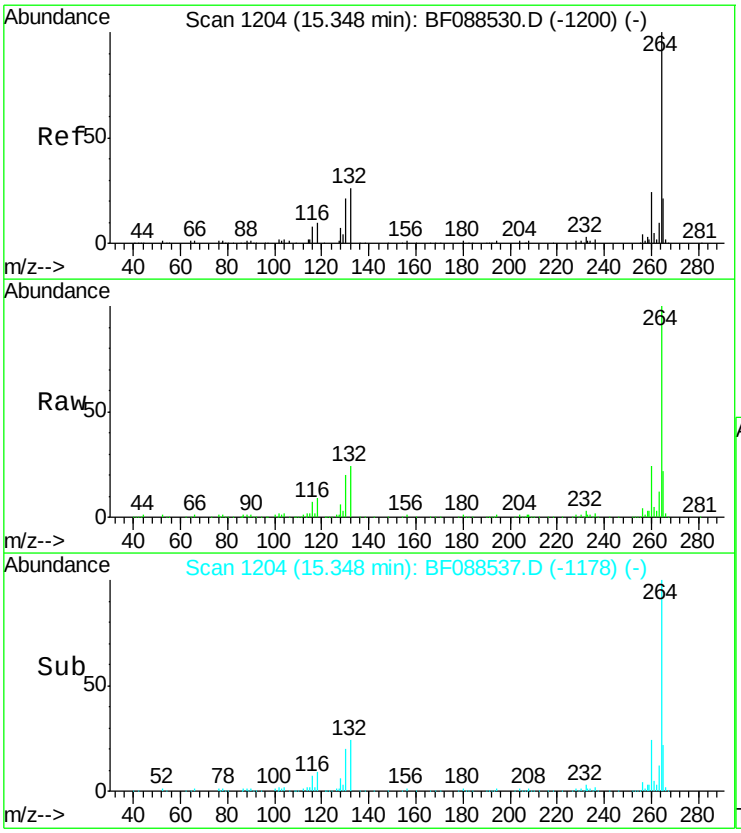
#78
Terphenyl-d14
Concen: 58.95 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Instrument :
BNA_F
ClientSampleId :
PB91573TB

Tgt Ion:244 Resp: 1190093

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.0	9.0
122	14.2	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088537.D
Acq: 30 Jun 2016 19:02

Tgt Ion:264 Resp: 341002

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	16.9	25.3