Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088791.D
Acq On : 7 Jul 2016 21:10
Operator : UM/SJ
Sample : H3830-01RE
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TILCON-GF-015RE

Quant Time: Jul 08 03:17:45 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 01:56:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	119616	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	423102	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	180475	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	292591	20.00	ng	0.00
75) Chrysene-d12	13.89	240	223657	20.00	ng	0.00
86) Perylene-d12	15.27	264	192621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	606431	75.98	ng	0.01
7) Phenol-d6	6.39	99	934063	90.57	ng	0.00
23) Nitrobenzene-d5	7.31	82	618181	76.57	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	156845	93.59	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	850732	74.46	ng	0.00
78) Terphenyl-d14	12.85	244	611379	60.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	60825	4.73	ng	99

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

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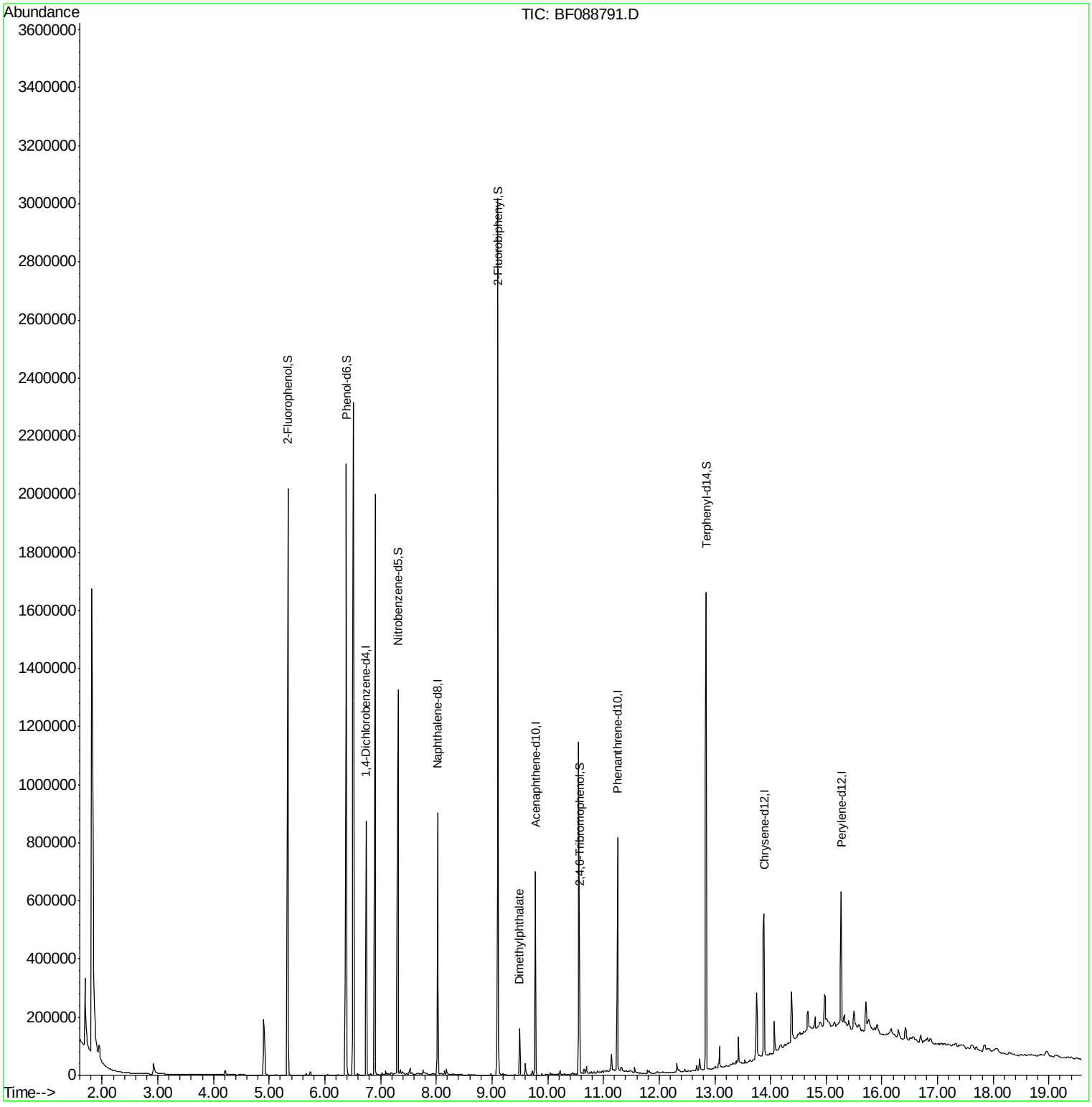
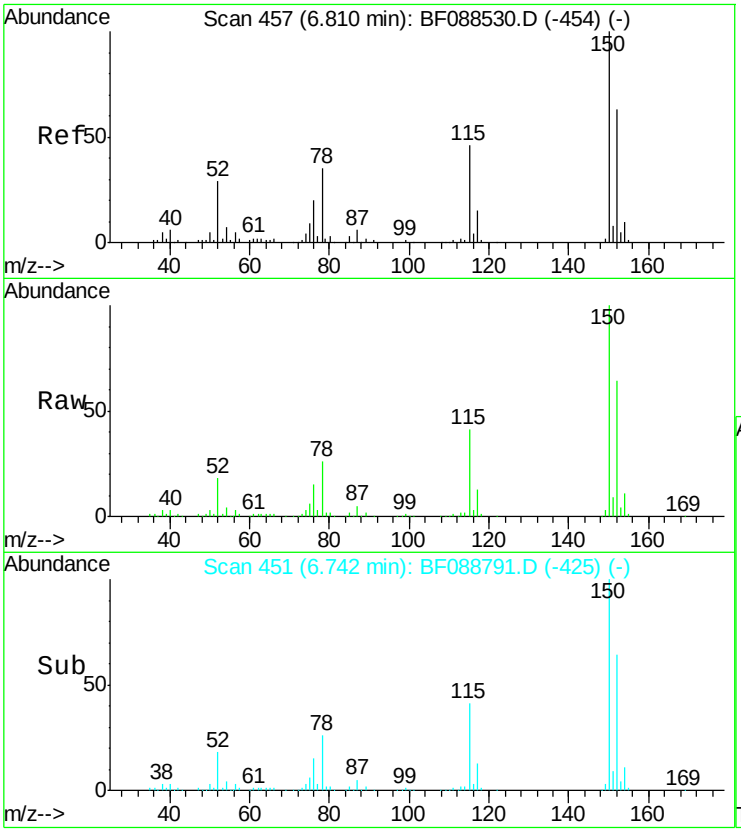


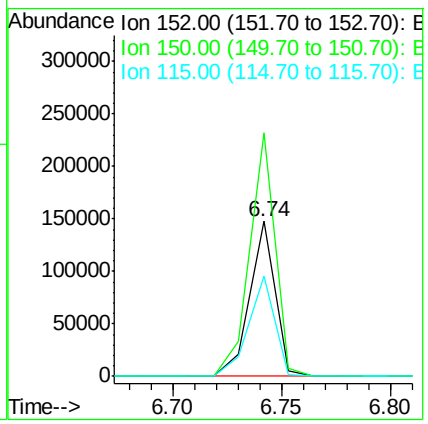


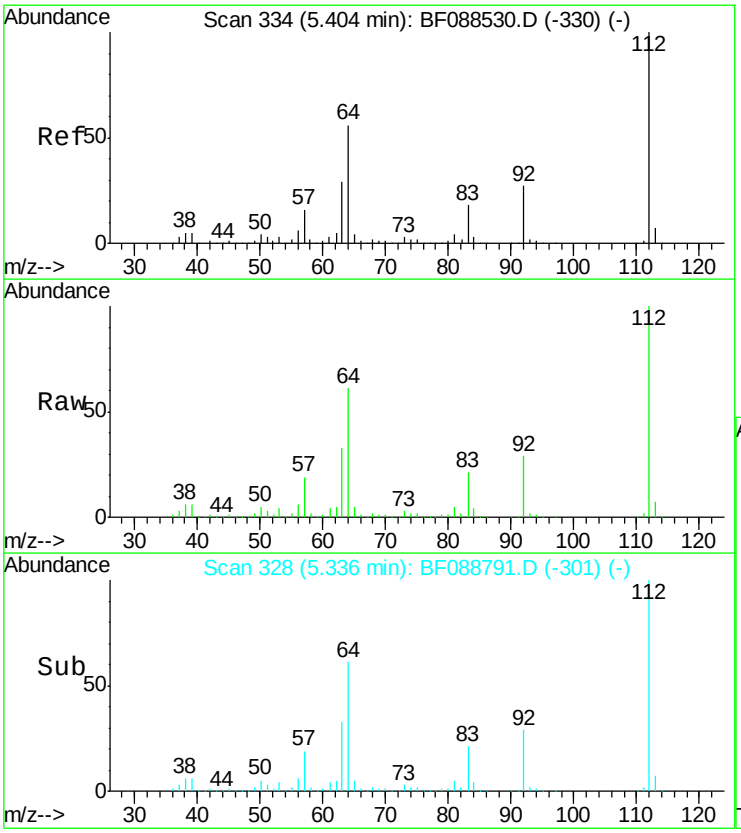
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015RE

Tgt Ion:152 Resp: 119616

Ion	Ratio	Lower	Upper
152	100		
150	157.0	123.8	185.6
115	65.0	39.6	59.4#

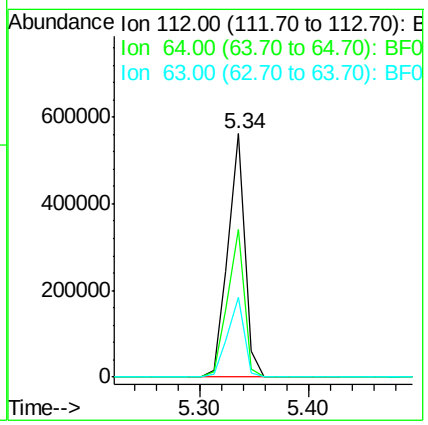


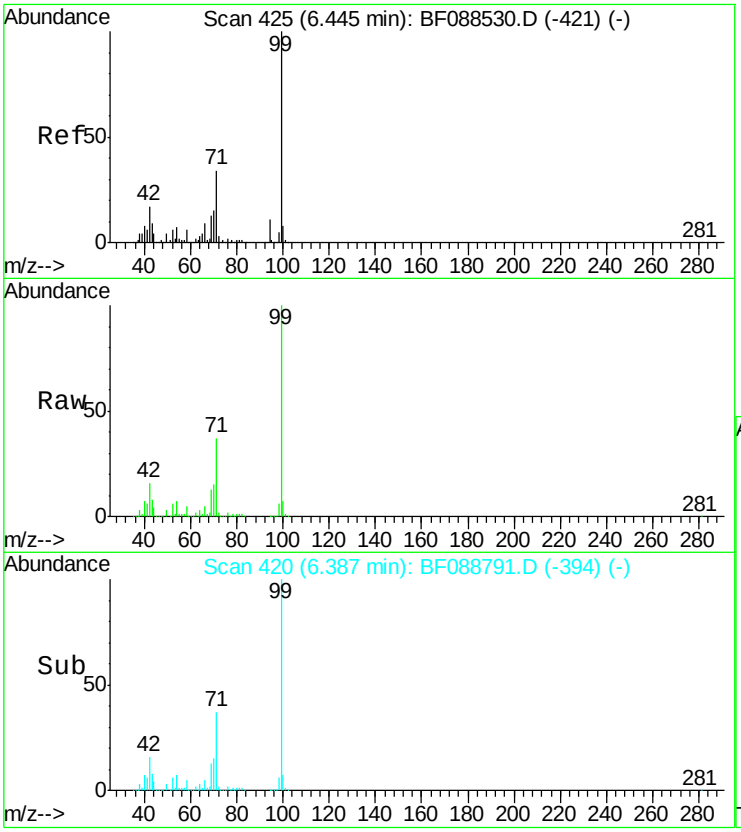


#5
2-Fluorophenol
Concen: 75.98 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.01 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Tgt Ion:112 Resp: 606431

Ion	Ratio	Lower	Upper
112	100		
64	60.5	42.2	63.2
63	32.6	21.8	32.8



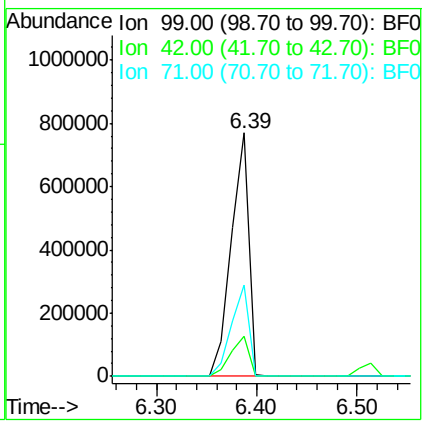


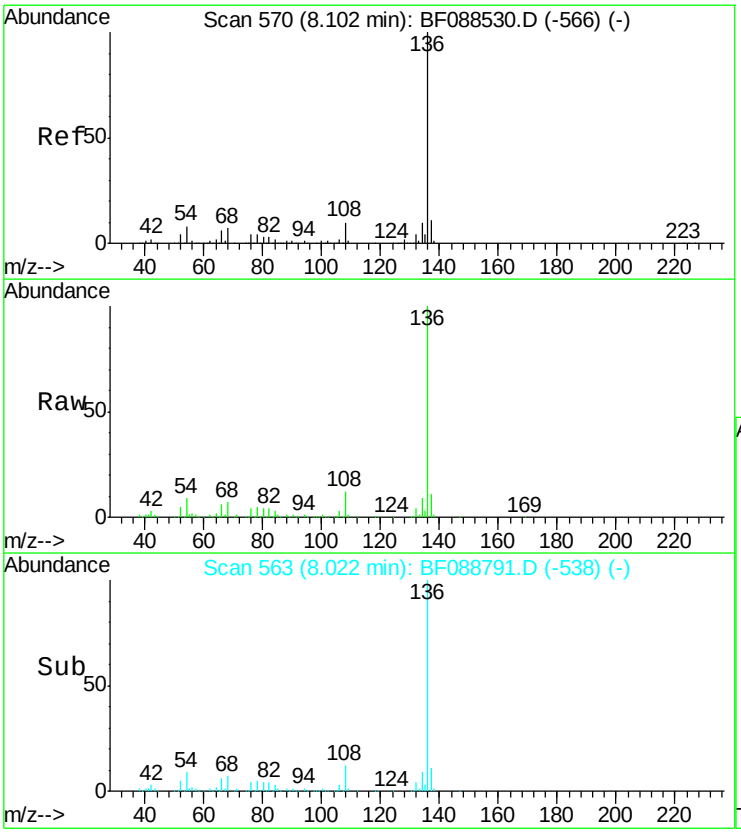
#7
Phenol-d6
Concen: 90.57 ng
RT: 6.39 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015RE

Tgt Ion: 99 Resp: 934063

Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.2	18.2
71	37.3	23.4	35.0#

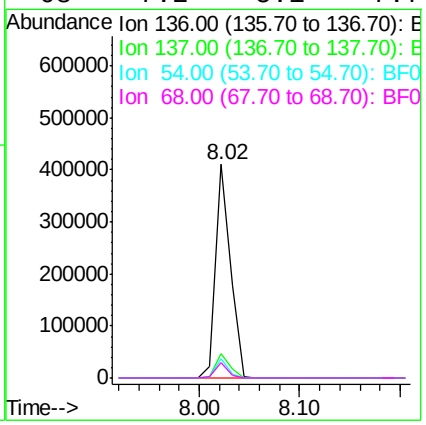


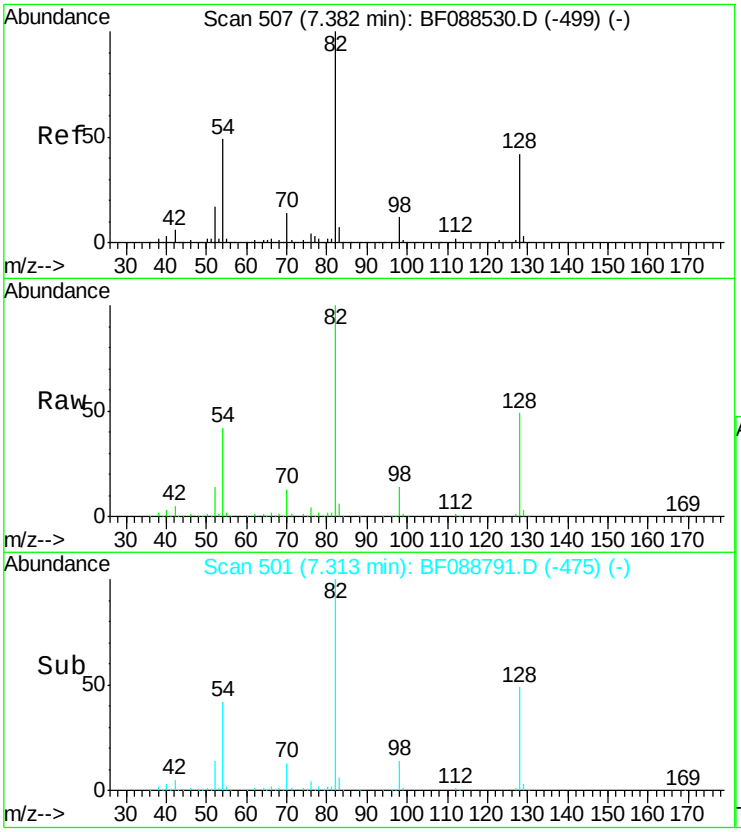


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Tgt Ion:136 Resp: 423102

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.1	6.6	10.0
68	7.2	5.1	7.7



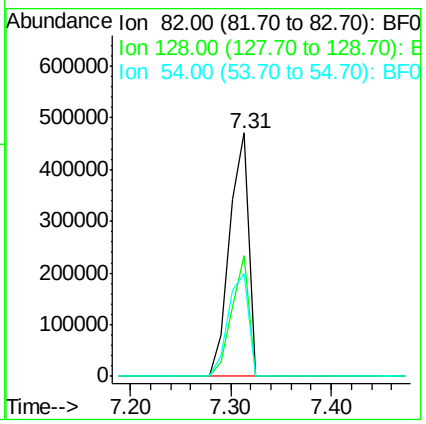


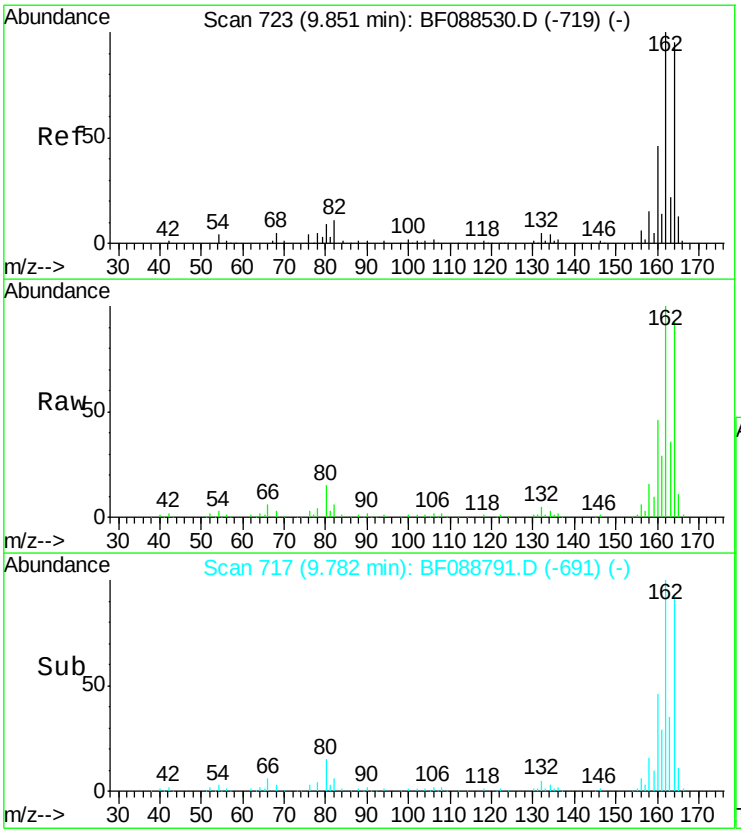
#23
Nitrobenzene-d5
Concen: 76.57 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015RE

Tgt Ion: 82 Resp: 618181

Ion	Ratio	Lower	Upper
82	100		
128	49.5	35.9	53.9
54	42.1	40.9	61.3

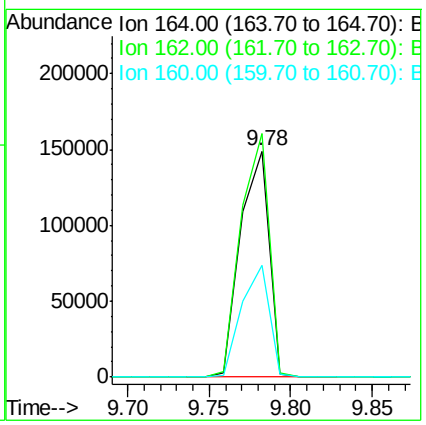


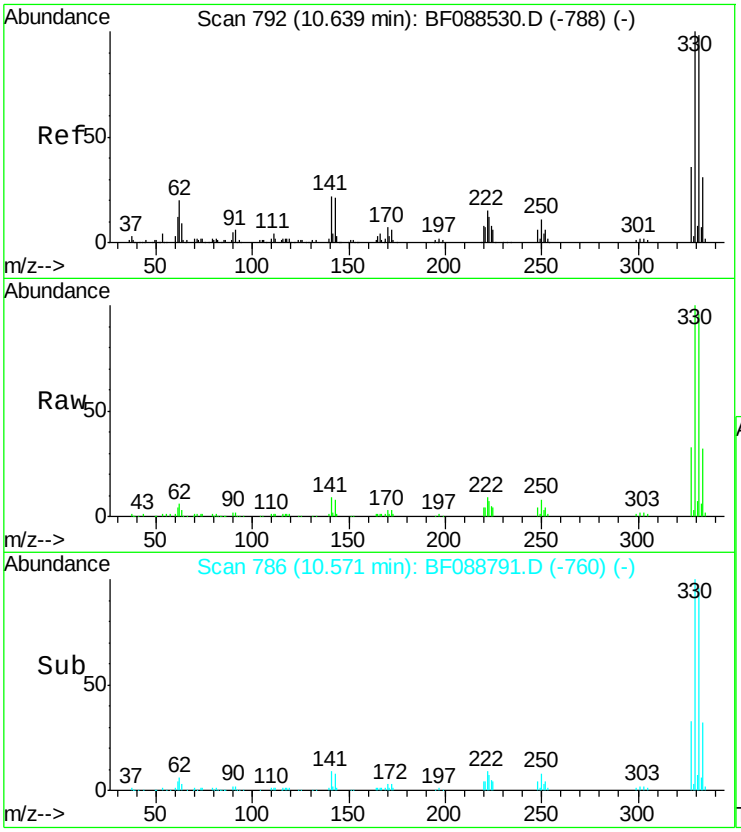


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Tgt Ion:164 Resp: 180475

Ion	Ratio	Lower	Upper
164	100		
162	107.8	85.4	128.2
160	49.6	39.5	59.3



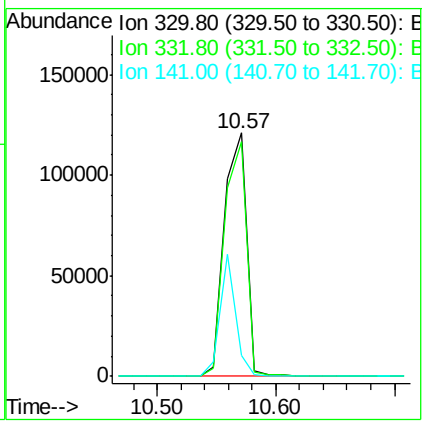


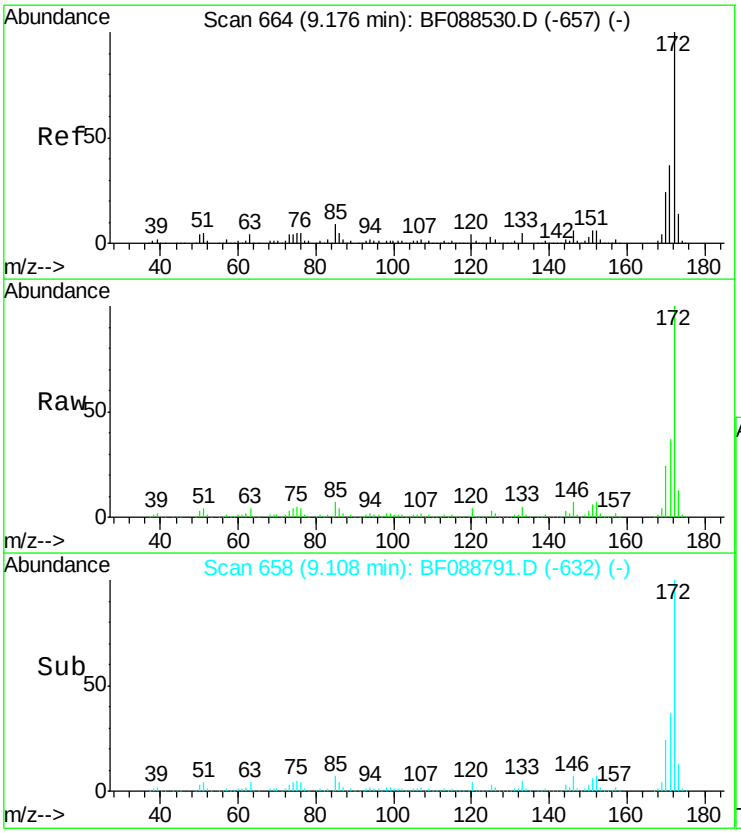
#41
2,4,6-Tribromophenol
Concen: 93.59 ng
RT: 10.57 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015RE

Tgt Ion:330 Resp: 156845

Ion	Ratio	Lower	Upper
330	100		
332	95.6	0.0	0.0#
141	34.8	0.0	0.0#

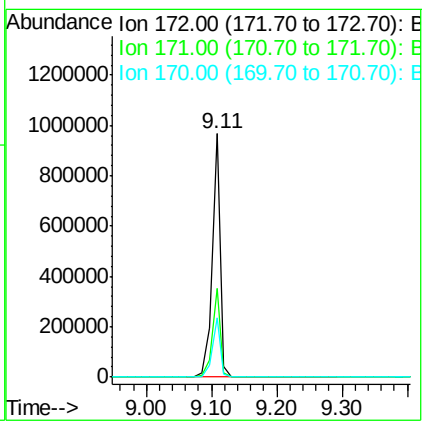


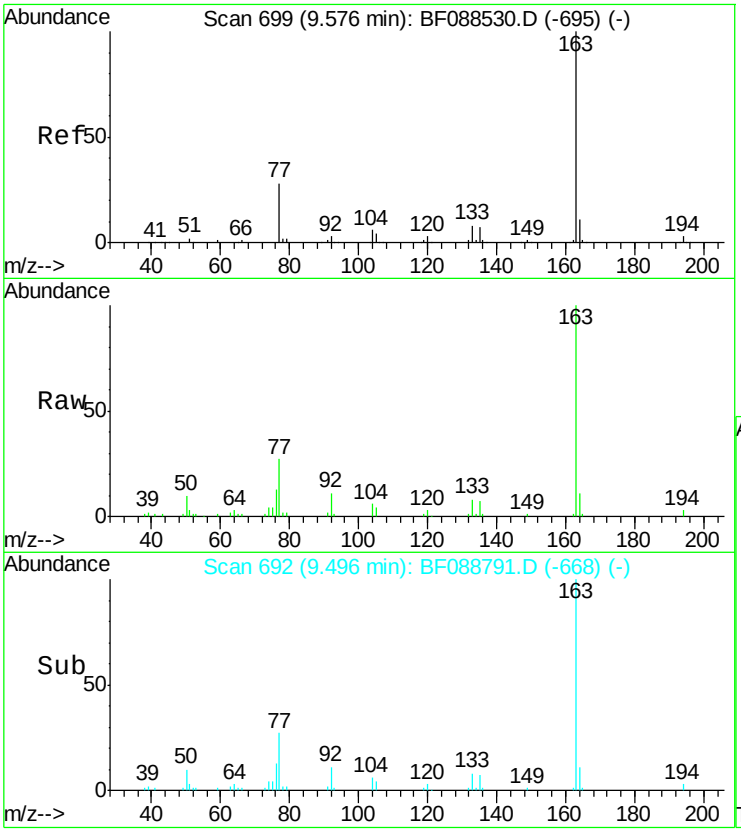


#44
2-Fluorobiphenyl
Concen: 74.46 ng
RT: 9.11 min Scan# 658
Delta R.T. 0.00 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Tgt Ion:172 Resp: 850732

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.5	19.2	28.8



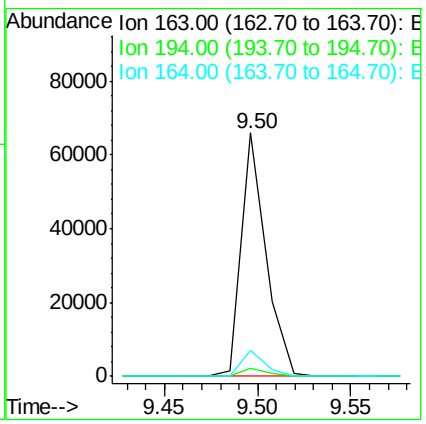


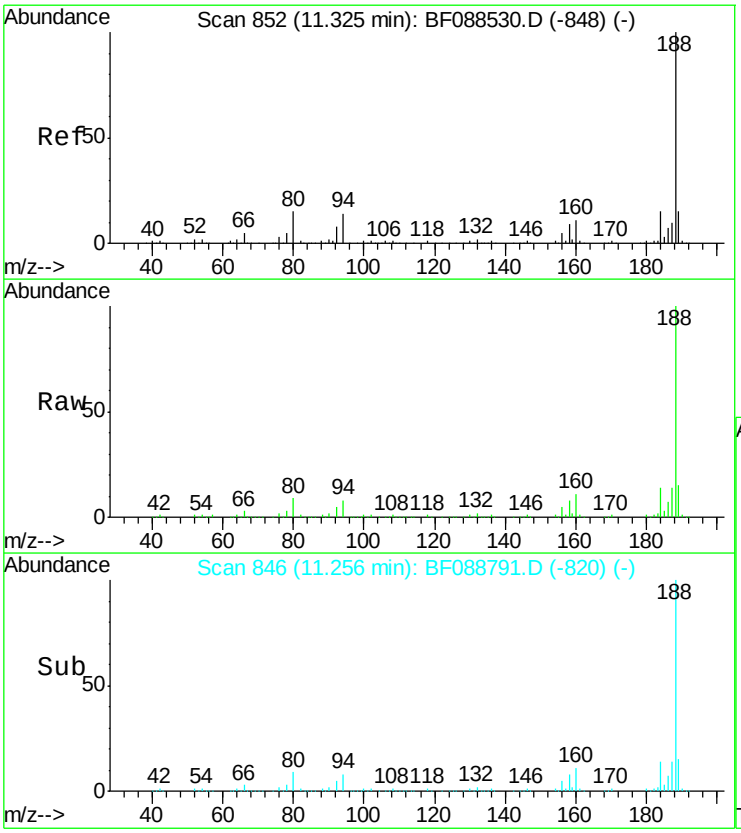
#49
Dimethylphthalate
Concen: 4.73 ng
RT: 9.50 min Scan# 692
Delta R.T. -0.02 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015RE

Tgt Ion:163 Resp: 60825

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.7	8.3	12.5

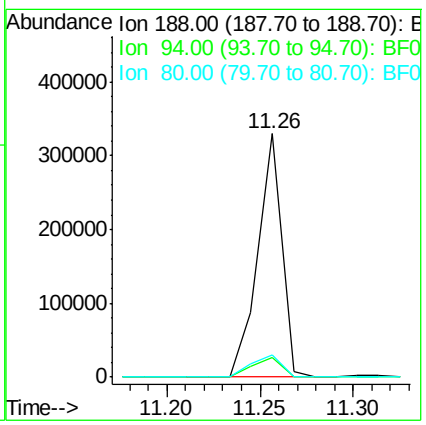


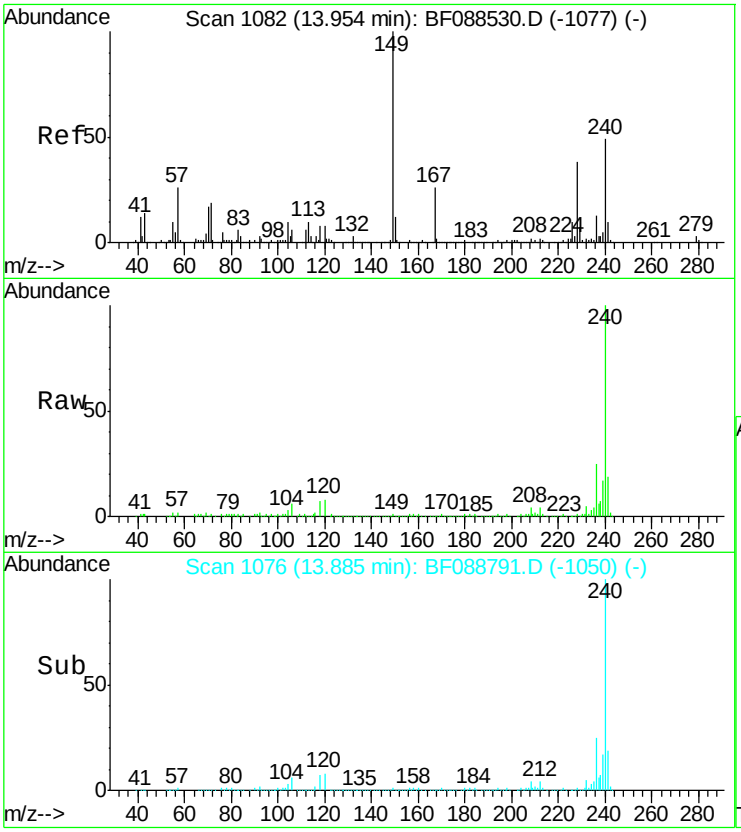


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Tgt Ion:188 Resp: 292591

Ion	Ratio	Lower	Upper
188	100		
94	8.3	9.0	13.6#
80	9.3	10.0	15.0#



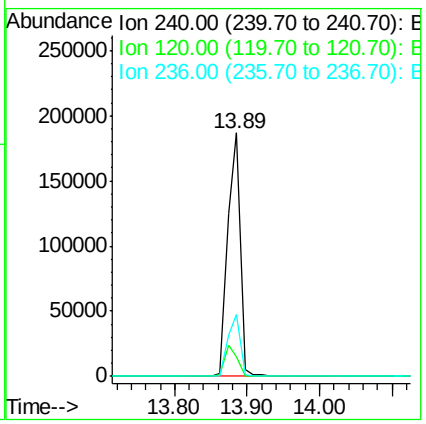


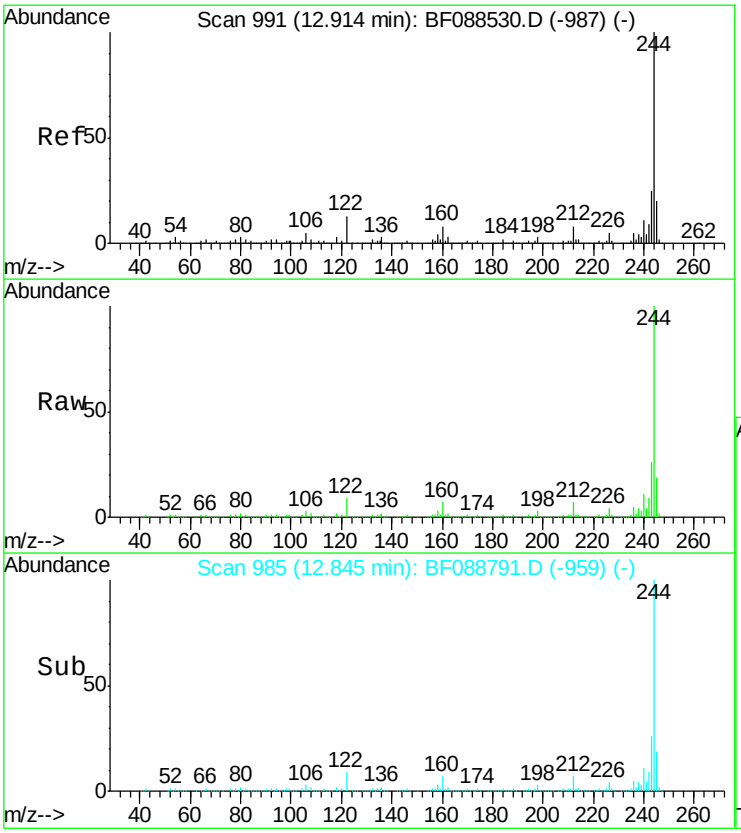
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. 0.00 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015RE

Tgt Ion:240 Resp: 223657

Ion	Ratio	Lower	Upper
240	100		
120	8.0	6.8	10.2
236	25.3	20.2	30.2

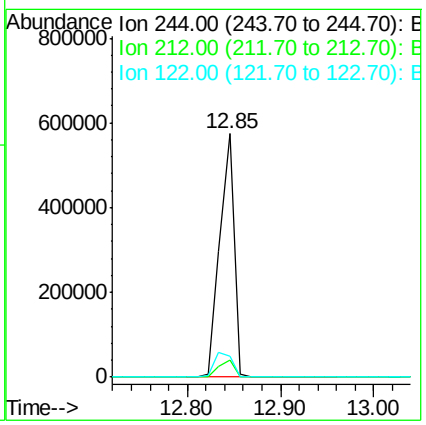


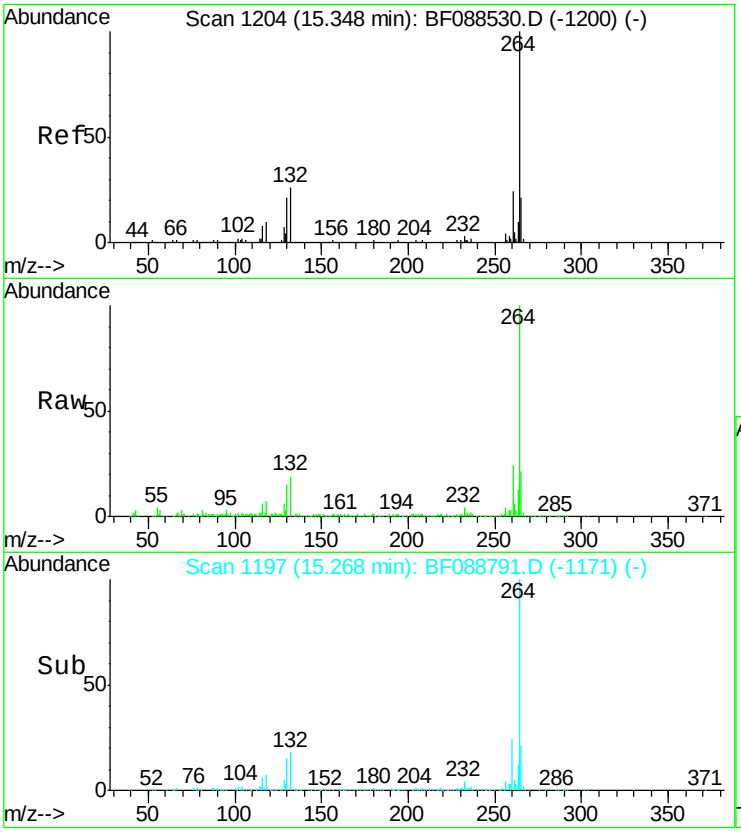


#78
Terphenyl-d14
Concen: 60.89 ng
RT: 12.85 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Tgt Ion:244 Resp: 611379

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	8.8	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF088791.D
Acq: 7 Jul 2016 21:10

Instrument :
BNA_F
ClientSampleId :
TILCON-GF-015RE

Tgt Ion:264 Resp: 192621

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.1	16.9	25.3