Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062016\
Data File : BF088184.D
Acq On : 20 Jun 2016 21:22
Operator : UM/SJ
Sample : PB91264BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB91264BL

Quant Time: Jun 21 01:33:54 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 20 17:39:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	107459	20.00	ng	-0.01
21) Naphthalene-d8	7.95	136	449904	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	209659	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	404117	20.00	ng	0.00
75) Chrysene-d12	13.81	240	344644	20.00	ng	0.00
86) Perylene-d12	15.18	264	258892	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	649728	103.36	ng	0.01
7) Phenol-d6	6.32	99	833102	109.36	ng	-0.01
23) Nitrobenzene-d5	7.23	82	467206	60.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.49	330	183231	82.77	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	903521	66.49	ng	-0.01
78) Terphenyl-d14	12.77	244	965773	63.77	ng	0.00

Target Compounds	Qvalue

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

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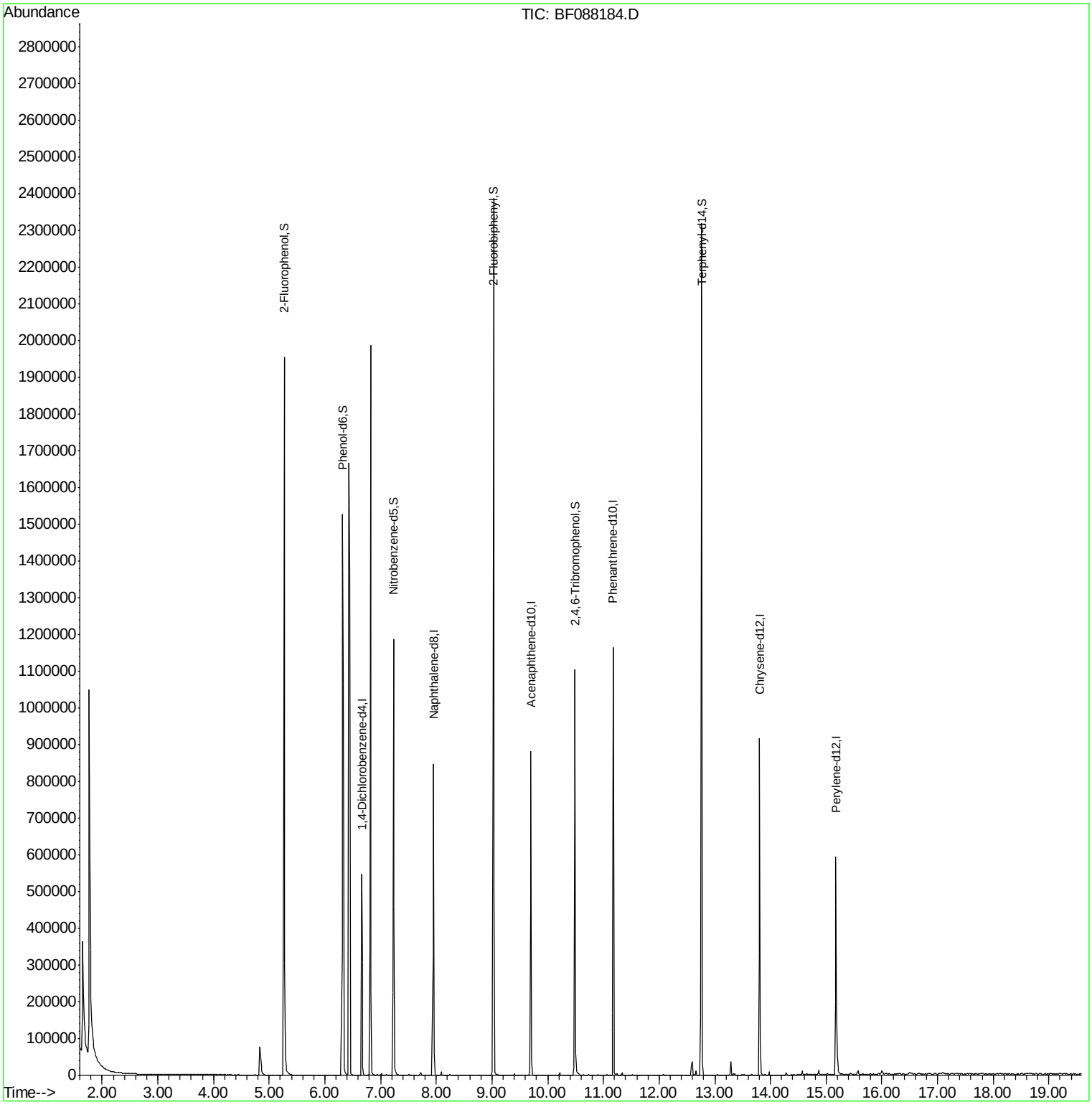
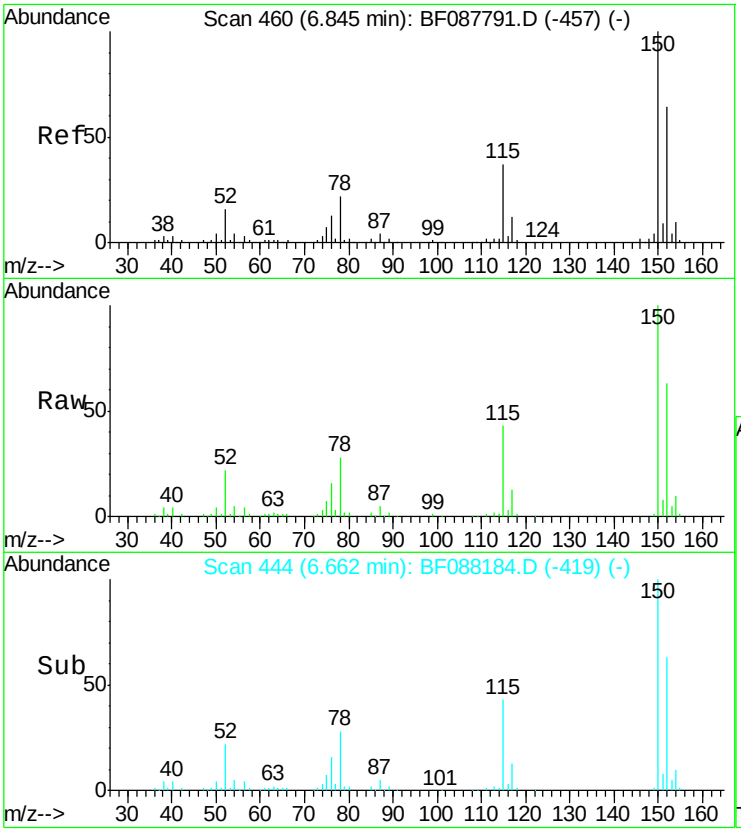


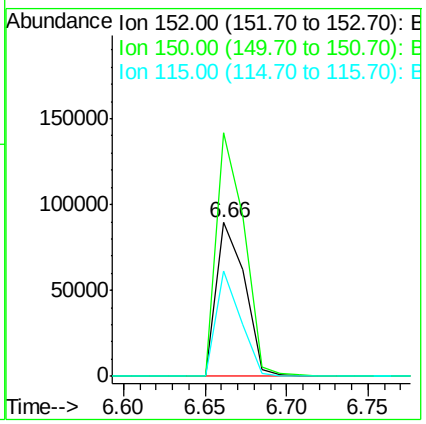


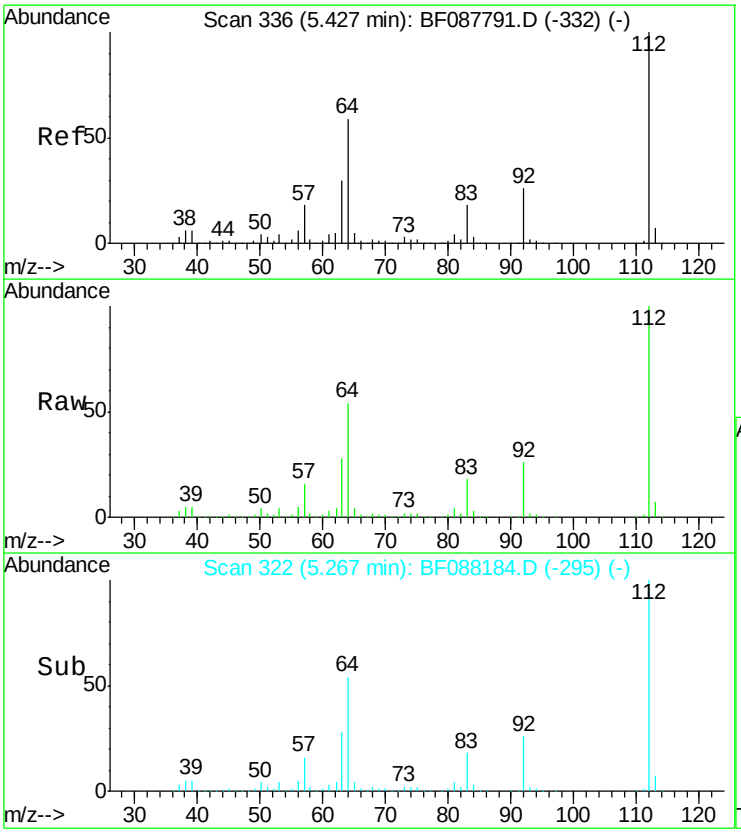
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
PB91264BL

Tgt Ion:152 Resp: 107459

Ion	Ratio	Lower	Upper
152	100		
150	158.6	123.8	185.6
115	68.5	39.6	59.4#

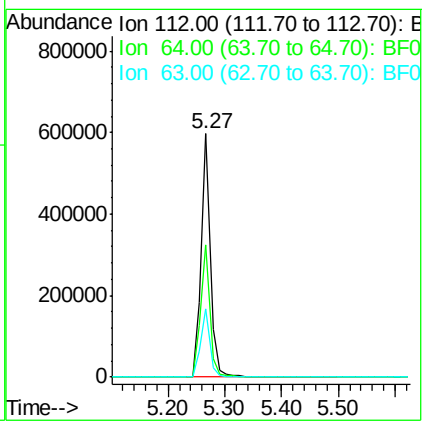


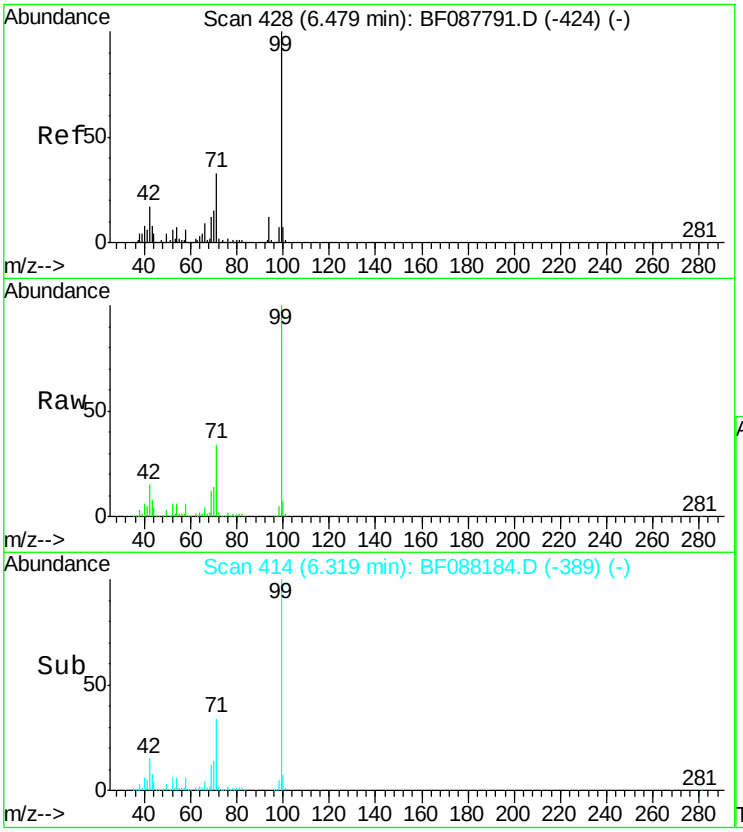


#5
2-Fluorophenol
Concen: 103.36 ng
RT: 5.27 min Scan# 322
Delta R.T. 0.01 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Tgt Ion:112 Resp: 649728

Ion	Ratio	Lower	Upper
112	100		
64	54.4	42.2	63.2
63	28.1	21.8	32.8



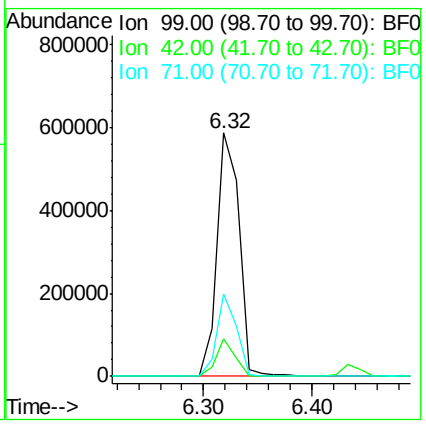


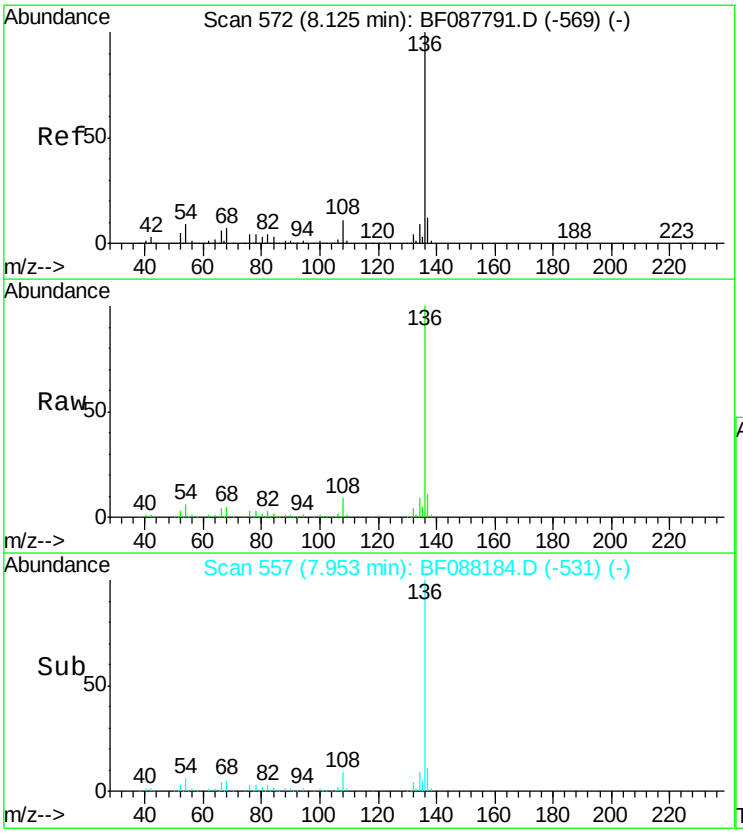
#7
Phenol-d6
Concen: 109.36 ng
RT: 6.32 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
PB91264BL

Tgt Ion: 99 Resp: 833102

Ion	Ratio	Lower	Upper
99	100		
42	15.4	12.2	18.2
71	33.6	23.4	35.0

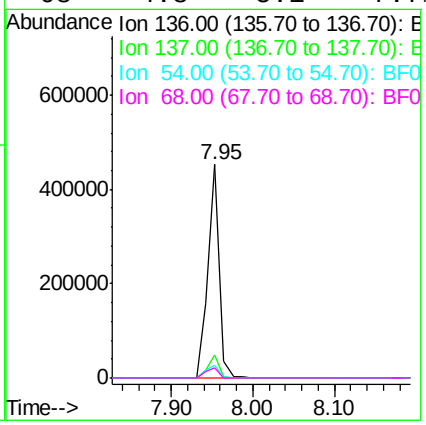


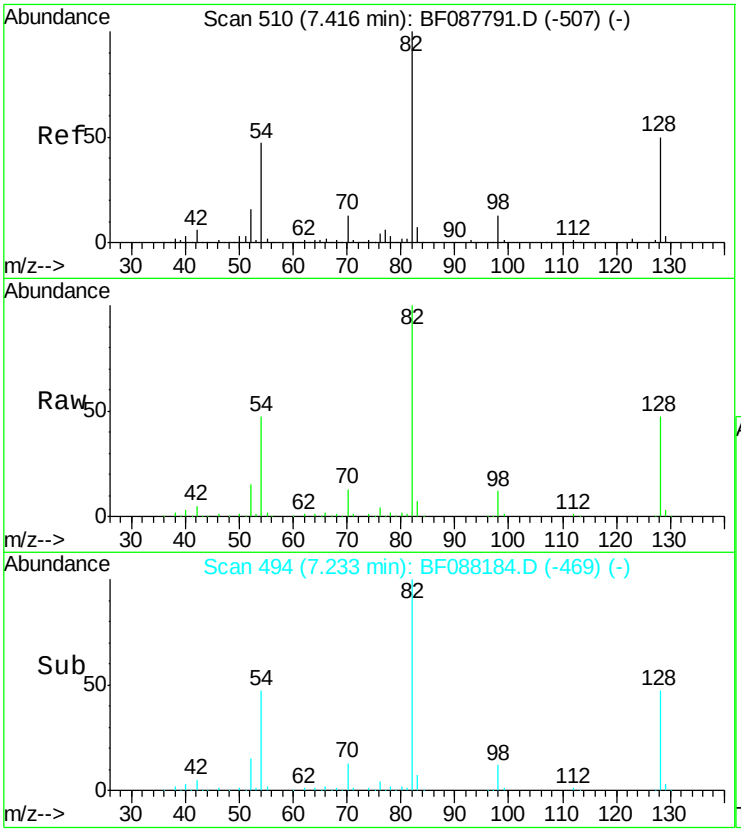


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 557
Delta R.T. -0.00 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Tgt Ion:136 Resp: 449904

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	5.8	6.6	10.0#
68	4.8	5.1	7.7#



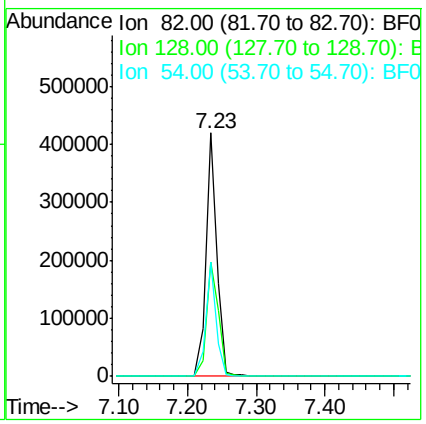


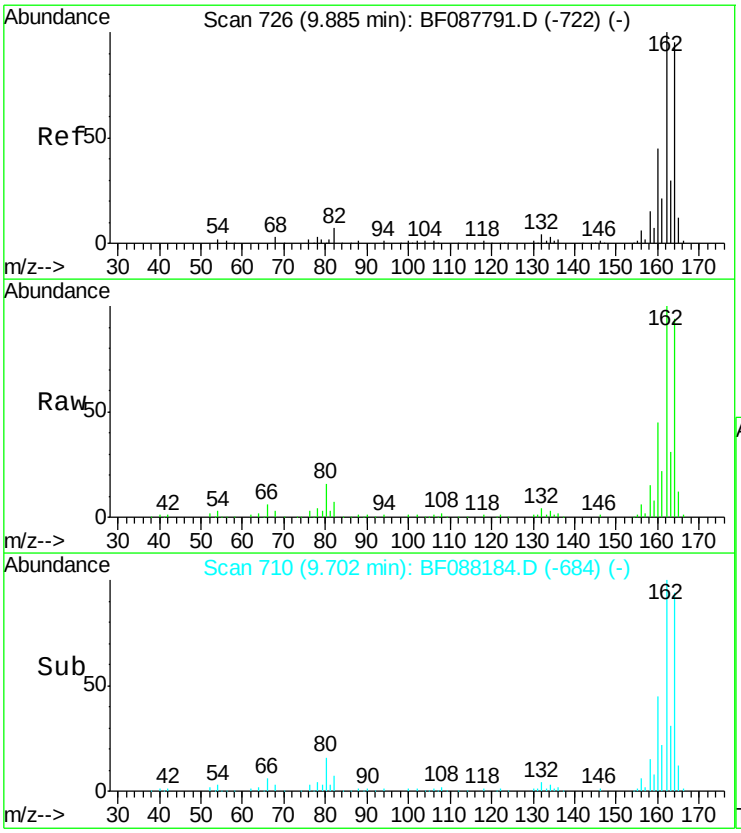
#23
Nitrobenzene-d5
Concen: 60.64 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
PB91264BL

Tgt Ion: 82 Resp: 467206

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.9	53.9
54	47.1	40.9	61.3

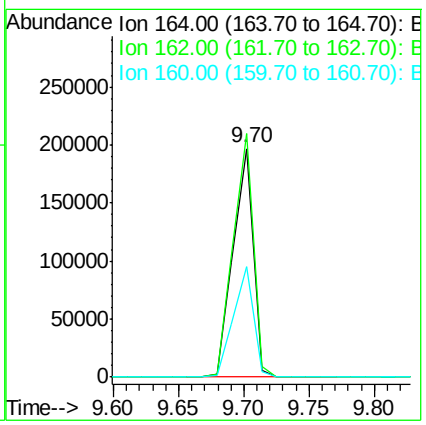


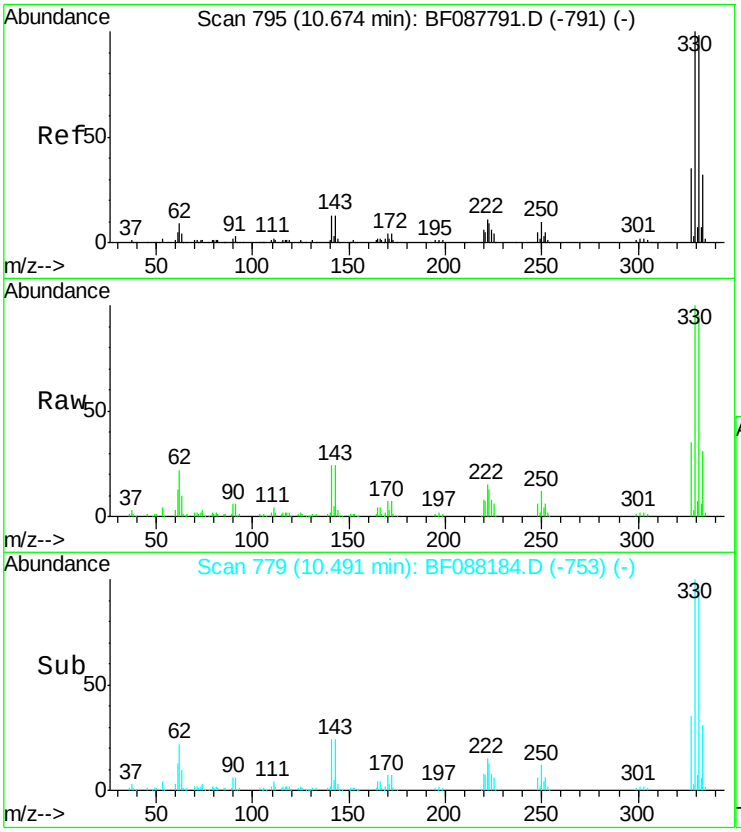


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. -0.00 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Tgt Ion:164 Resp: 209659

Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.4	128.2
160	48.5	39.5	59.3



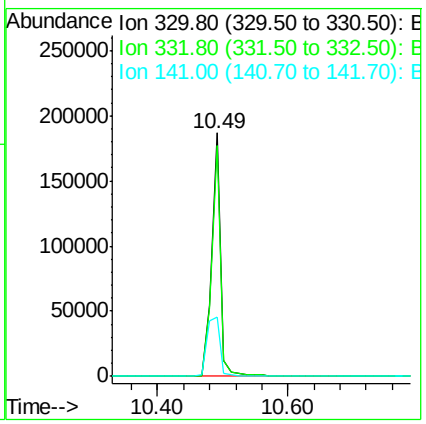


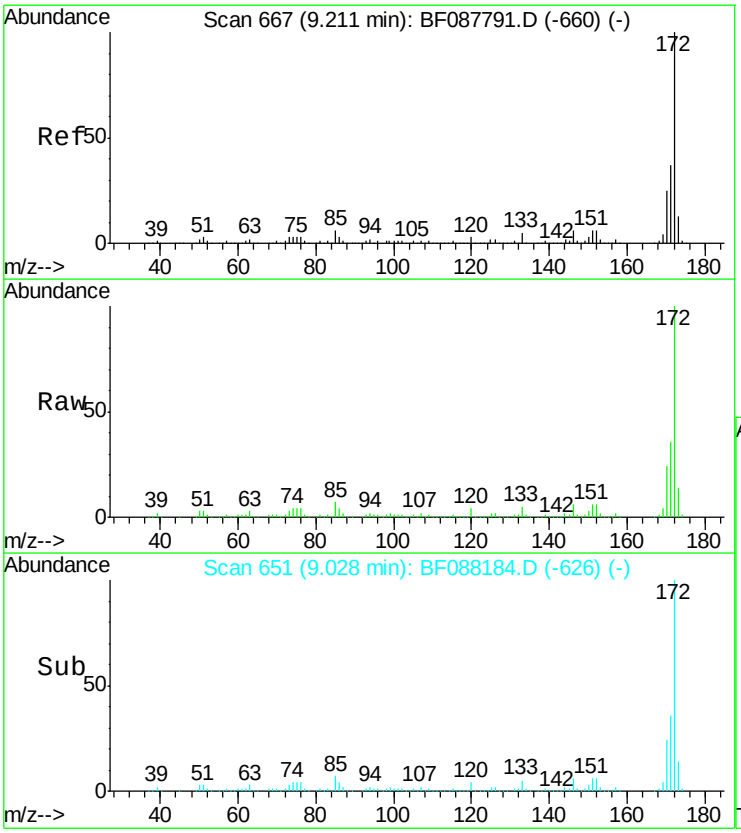
#41
2,4,6-Tribromophenol
Concen: 82.77 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
PB91264BL

Tgt Ion:330 Resp: 183231

Ion	Ratio	Lower	Upper
330	100		
332	95.4	0.0	0.0#
141	35.8	0.0	0.0#

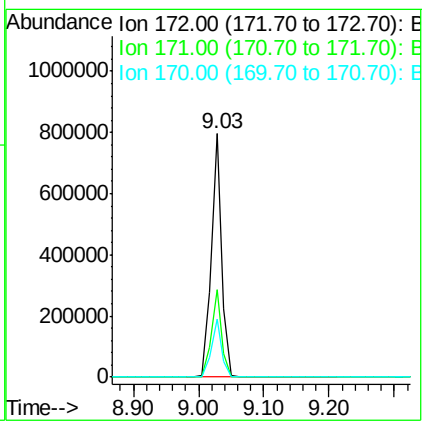


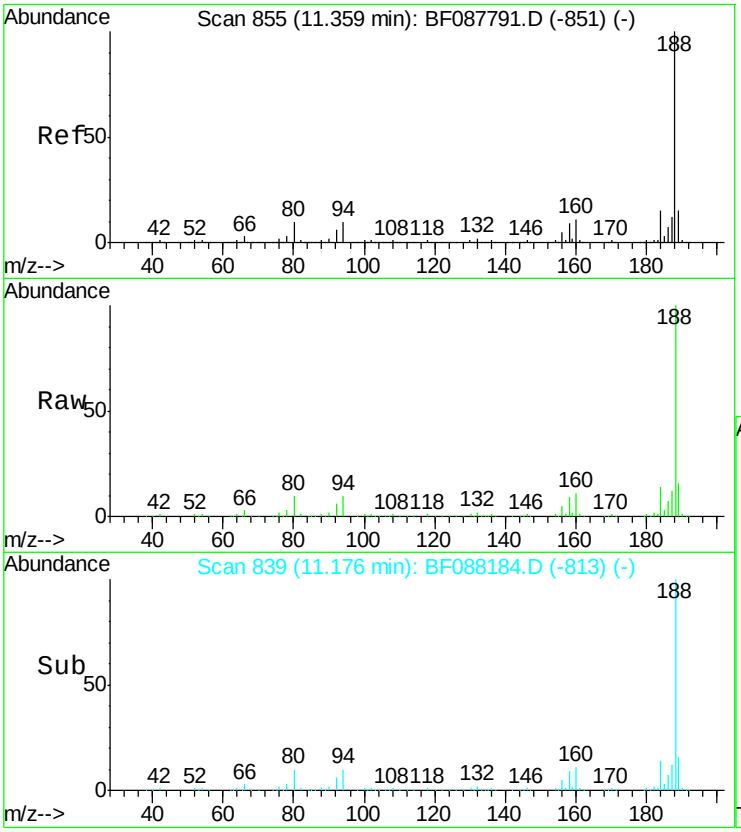


#44
2-Fluorobiphenyl
Concen: 66.49 ng
RT: 9.03 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Tgt Ion:172 Resp: 903521

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.0	19.2	28.8



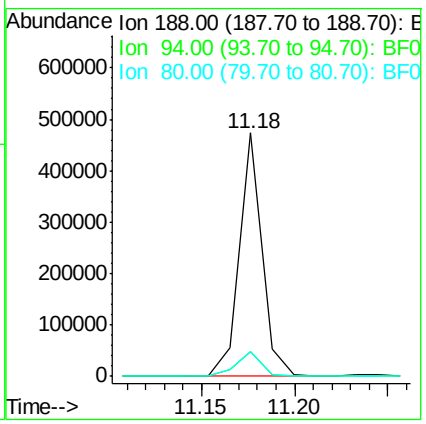


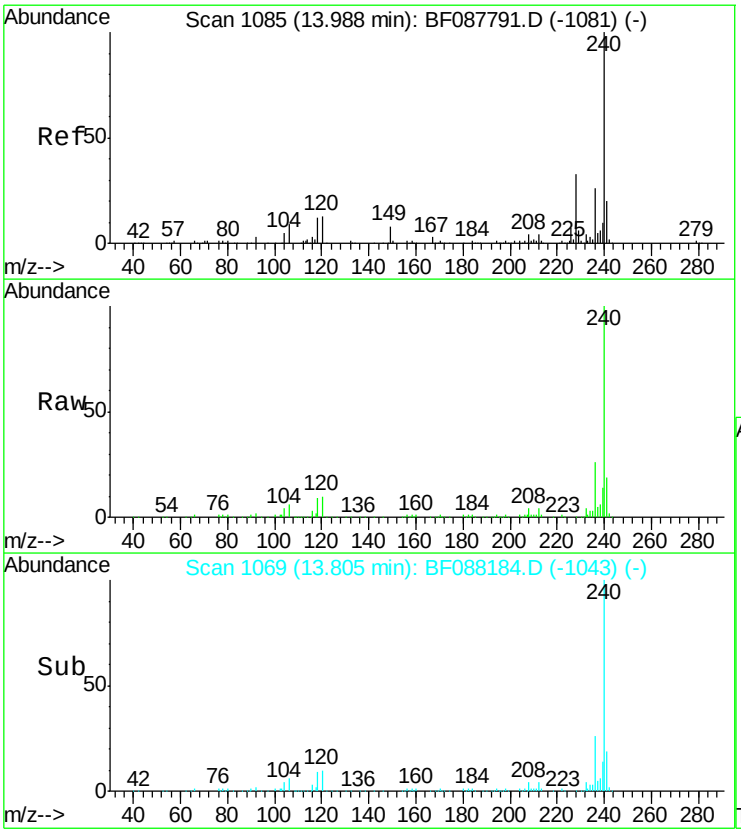
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.00 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
PB91264BL

Tgt Ion:188 Resp: 404117

Ion	Ratio	Lower	Upper
188	100		
94	10.1	9.0	13.6
80	10.3	10.0	15.0

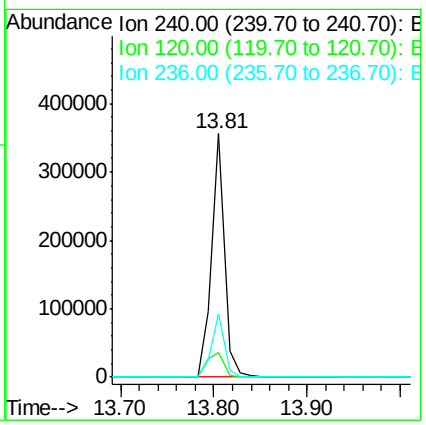


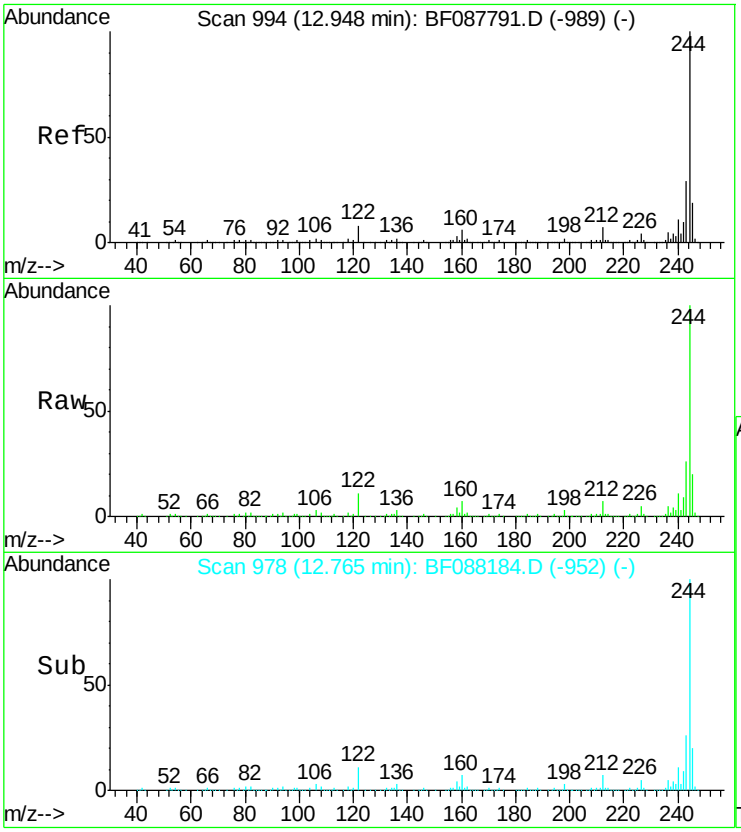


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.81 min Scan# 1069
Delta R.T. -0.00 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Tgt Ion:240 Resp: 344644

Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.8	10.2#
236	25.8	20.2	30.2



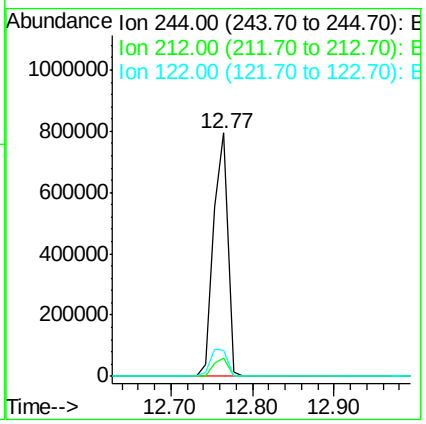


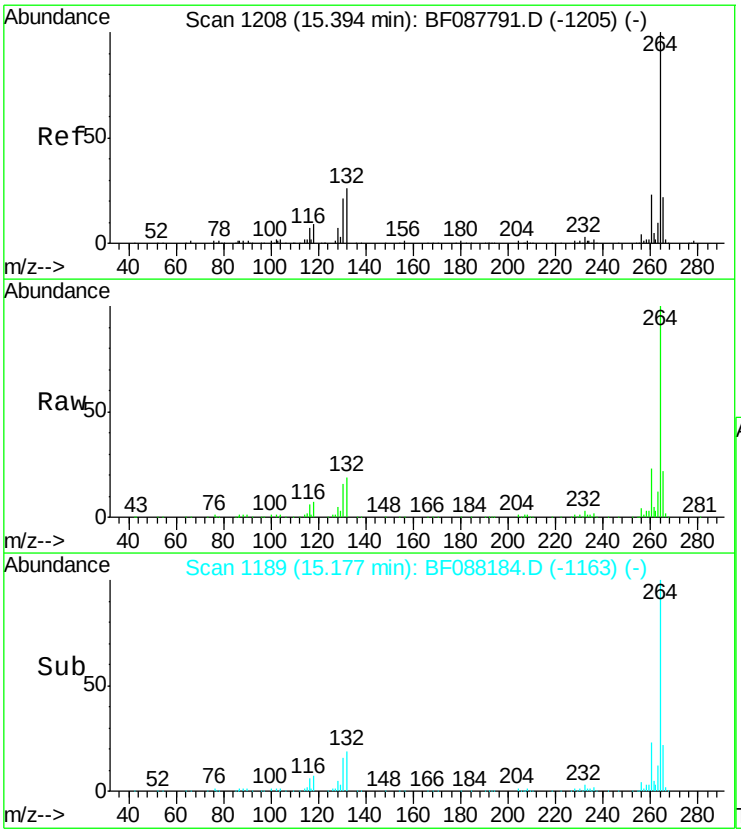
#78
Terphenyl-d14
Concen: 63.77 ng
RT: 12.77 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Instrument :
BNA_F
ClientSampleId :
PB91264BL

Tgt Ion:244 Resp: 965773

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	10.6	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088184.D
Acq: 20 Jun 2016 21:22

Tgt Ion:264 Resp: 258892

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	16.9	25.3