Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071416\
Data File : BF088991.D
Acq On : 14 Jul 2016 17:46
Operator : UM/SJ
Sample : PB92031BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB92031BL

Quant Time: Jul 15 02:28:40 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	59360	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	212672	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	108623	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	209540	20.00	ng	-0.03
75) Chrysene-d12	13.82	240	158767	20.00	ng	-0.03
86) Perylene-d12	15.18	264	103314	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	491552	124.11	ng	0.00
7) Phenol-d6	6.34	99	659334	128.83	ng	-0.01
23) Nitrobenzene-d5	7.26	82	413408	101.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	79593	78.91	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	706058	102.67	ng	-0.02
78) Terphenyl-d14	12.78	244	567384	79.60	ng	-0.02
Target Compounds						Qvalue

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

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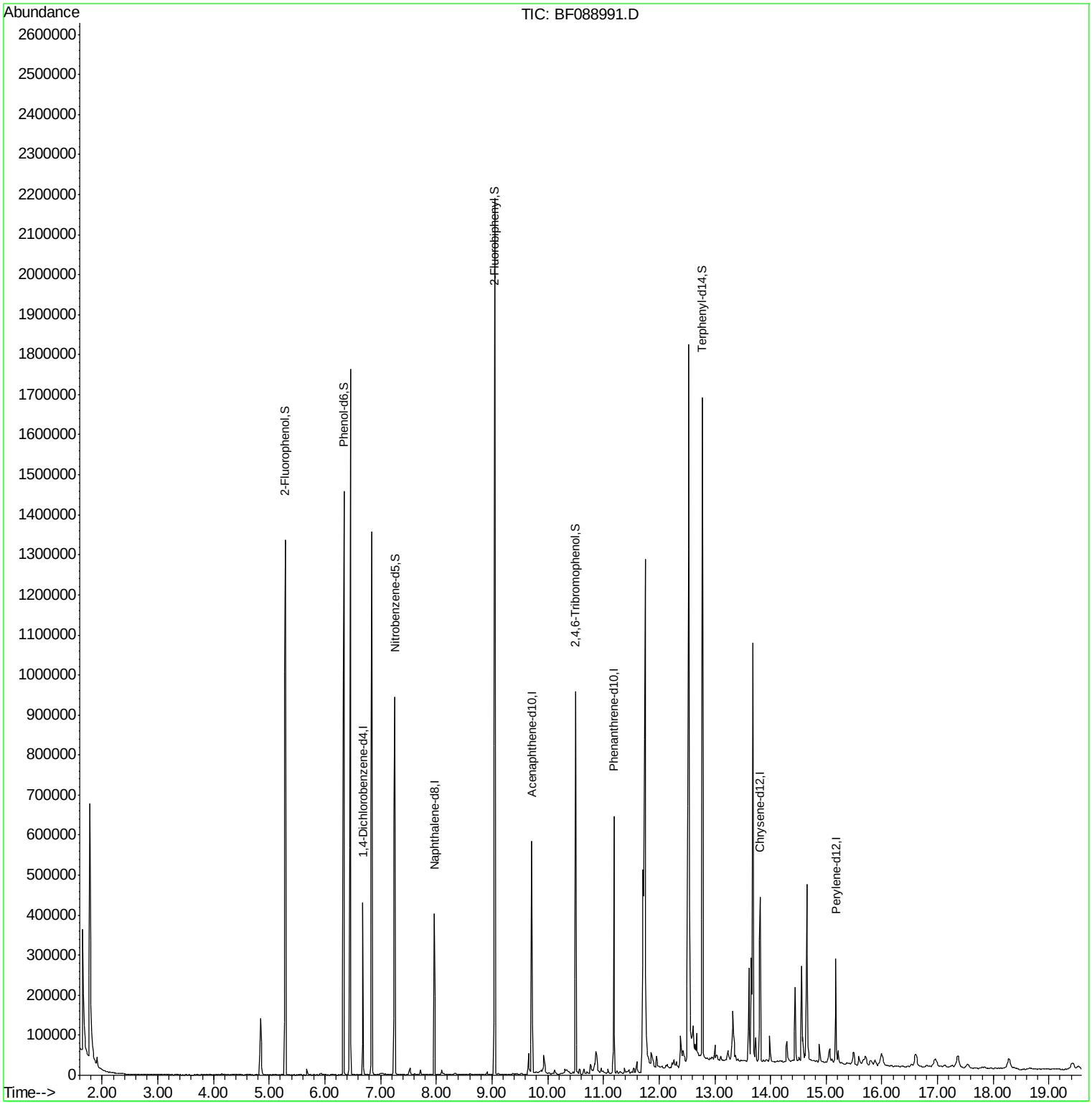
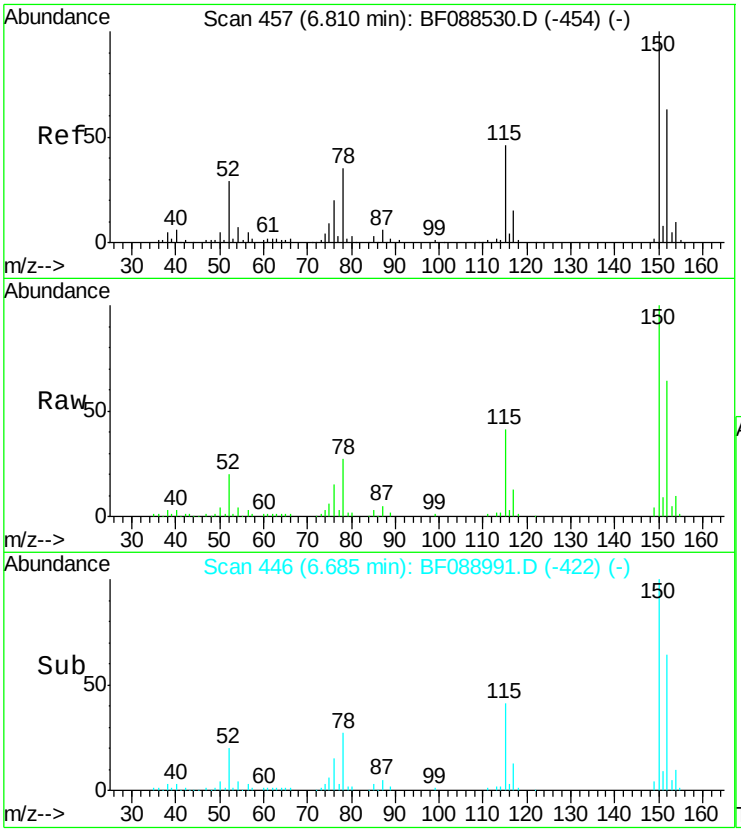


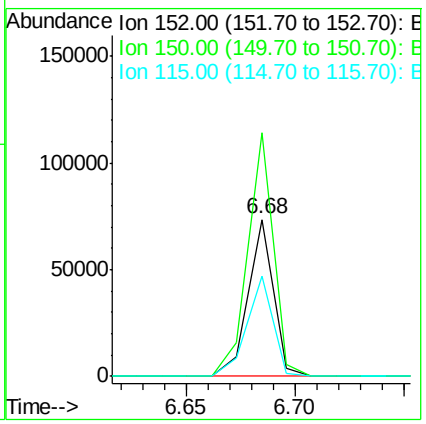


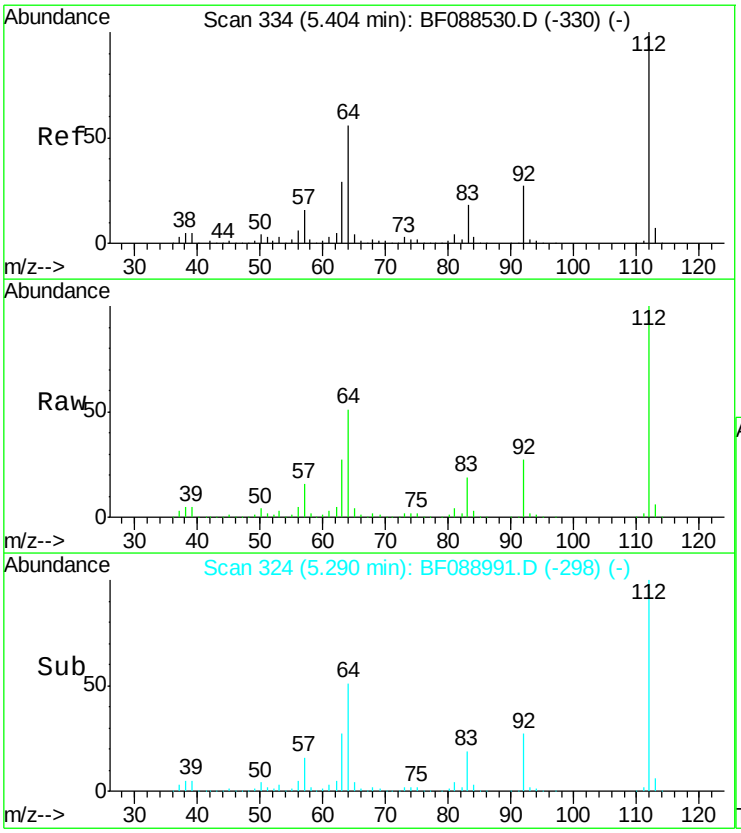
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 446
Delta R.T. -0.02 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
PB92031BL

Tgt Ion:152 Resp: 59360

Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.8	185.6
115	64.2	39.6	59.4#

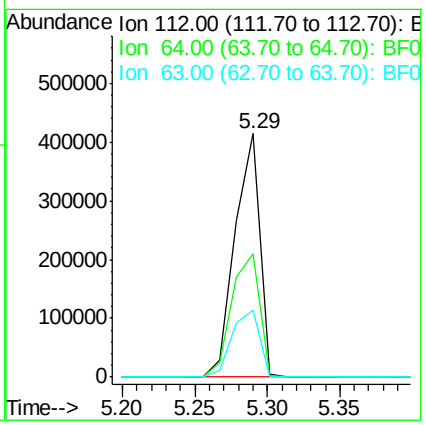


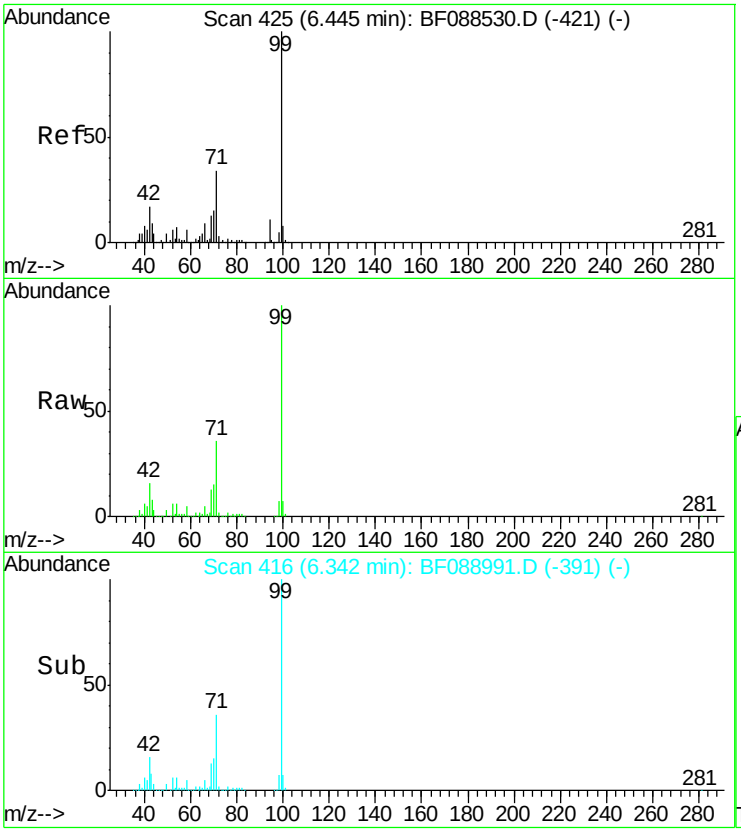


#5
2-Fluorophenol
Concen: 124.11 ng
RT: 5.29 min Scan# 324
Delta R.T. 0.00 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Tgt Ion:112 Resp: 491552

Ion	Ratio	Lower	Upper
112	100		
64	50.6	42.2	63.2
63	27.4	21.8	32.8



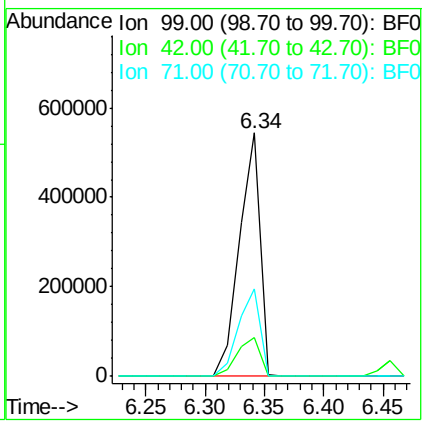


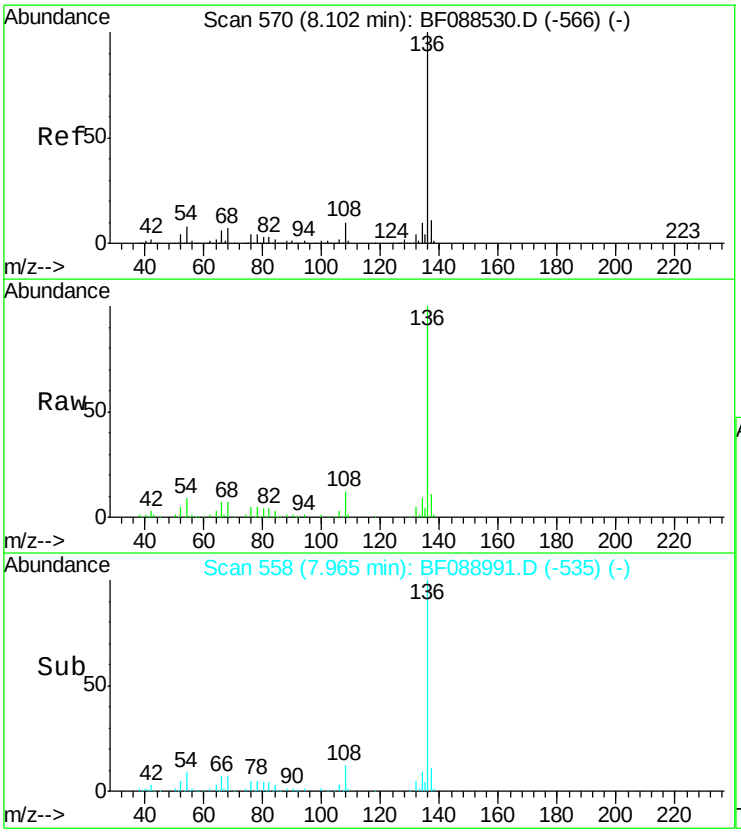
#7
Phenol-d6
Concen: 128.83 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
PB92031BL

Tgt Ion: 99 Resp: 659334

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.2	18.2
71	36.0	23.4	35.0#

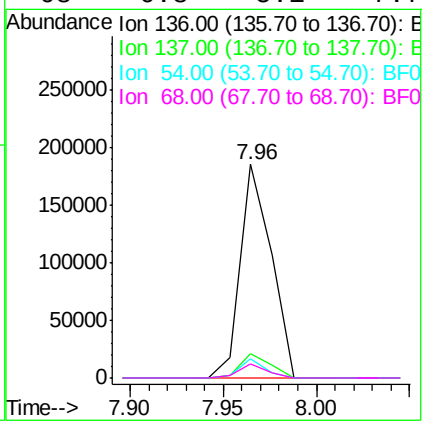


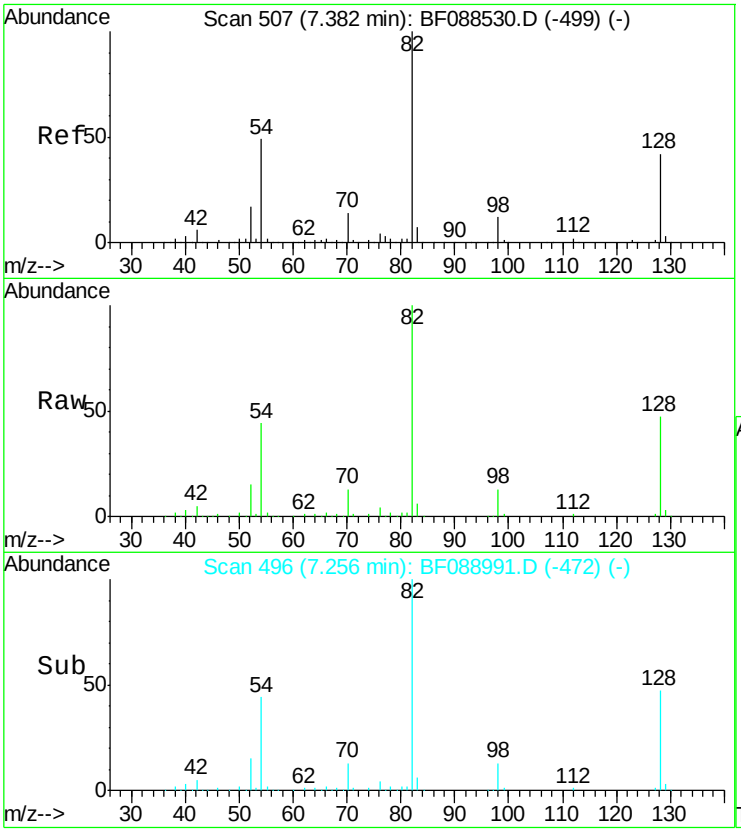


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 558
Delta R.T. -0.03 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Tgt Ion:136 Resp: 212672

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.1	6.6	10.0
68	6.8	5.1	7.7



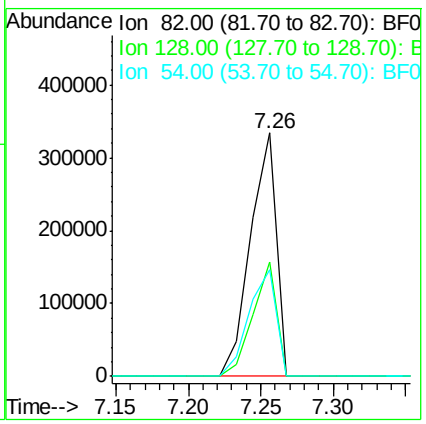


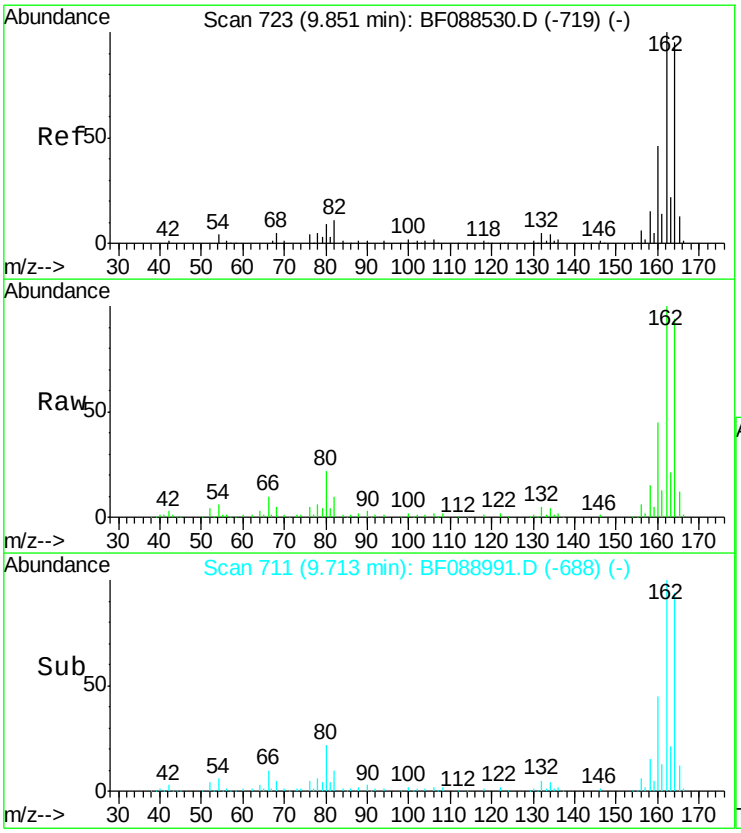
#23
Nitrobenzene-d5
Concen: 101.87 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.02 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
PB92031BL

Tgt Ion: 82 Resp: 413408

Ion	Ratio	Lower	Upper
82	100		
128	47.2	35.9	53.9
54	43.8	40.9	61.3

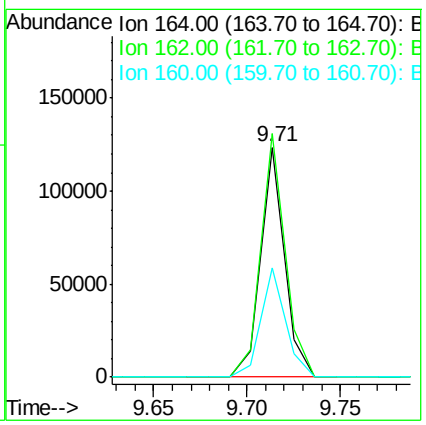


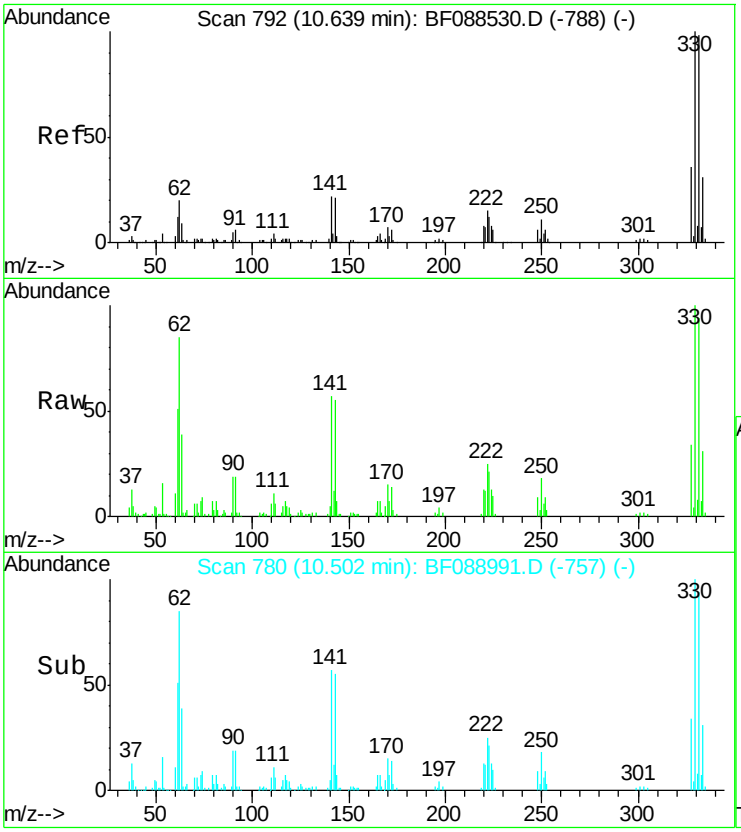


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Tgt Ion:164 Resp: 108623

Ion	Ratio	Lower	Upper
164	100		
162	106.0	85.4	128.2
160	47.3	39.5	59.3



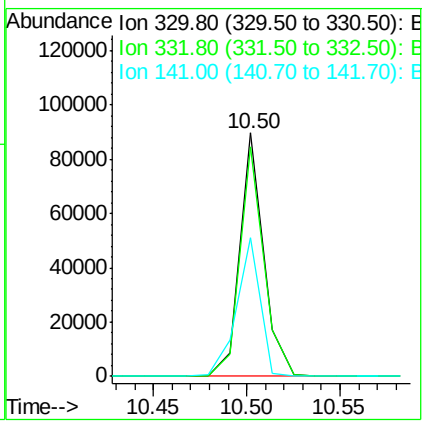


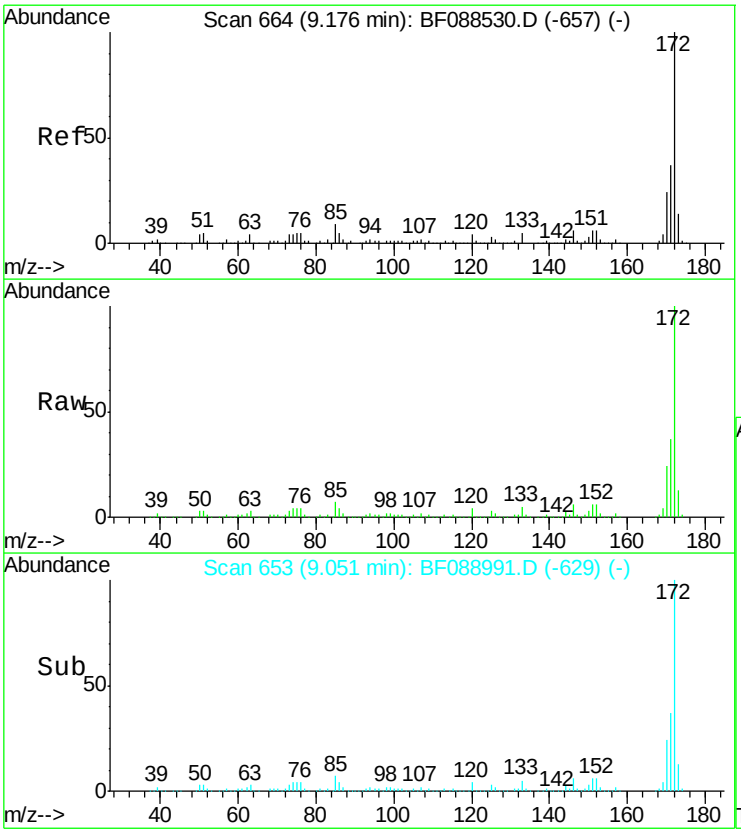
#41
2,4,6-Tribromophenol
Concen: 78.91 ng
RT: 10.50 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
PB92031BL

Tgt Ion:330 Resp: 79593

Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	56.8	0.0	0.0#

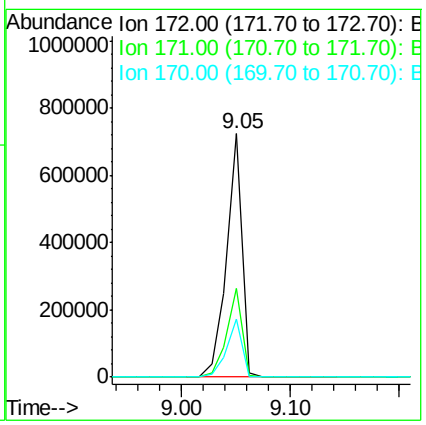


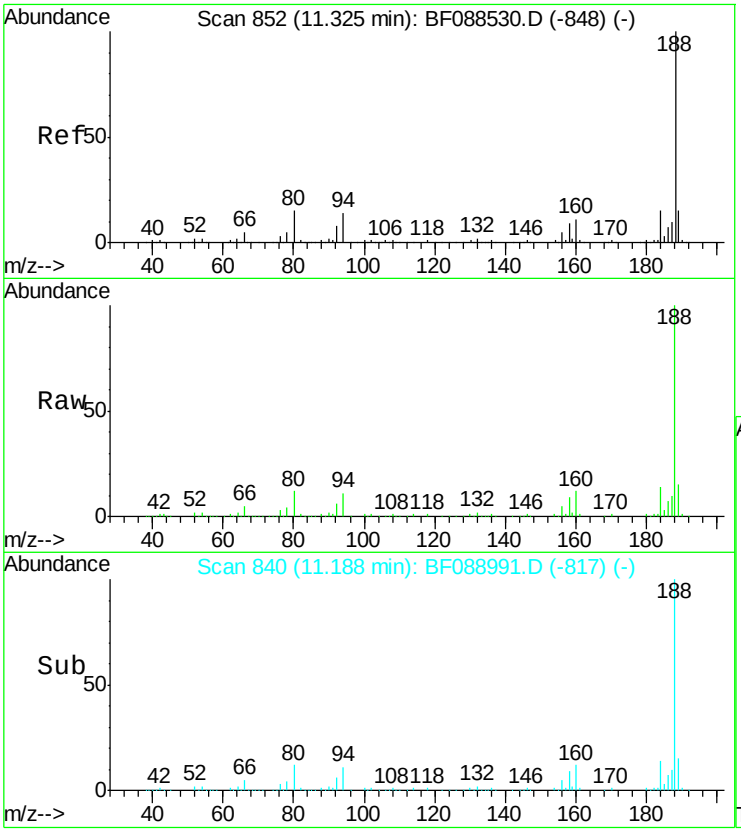


#44
2-Fluorobiphenyl
Concen: 102.67 ng
RT: 9.05 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Tgt Ion:172 Resp: 706058

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.0	19.2	28.8



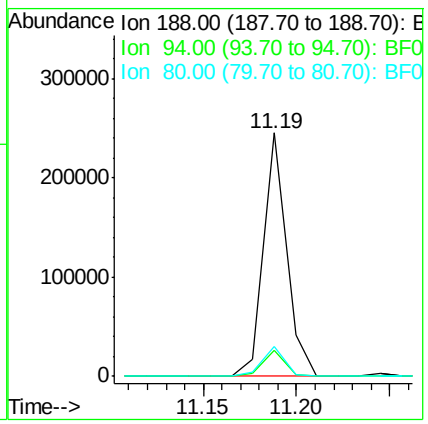


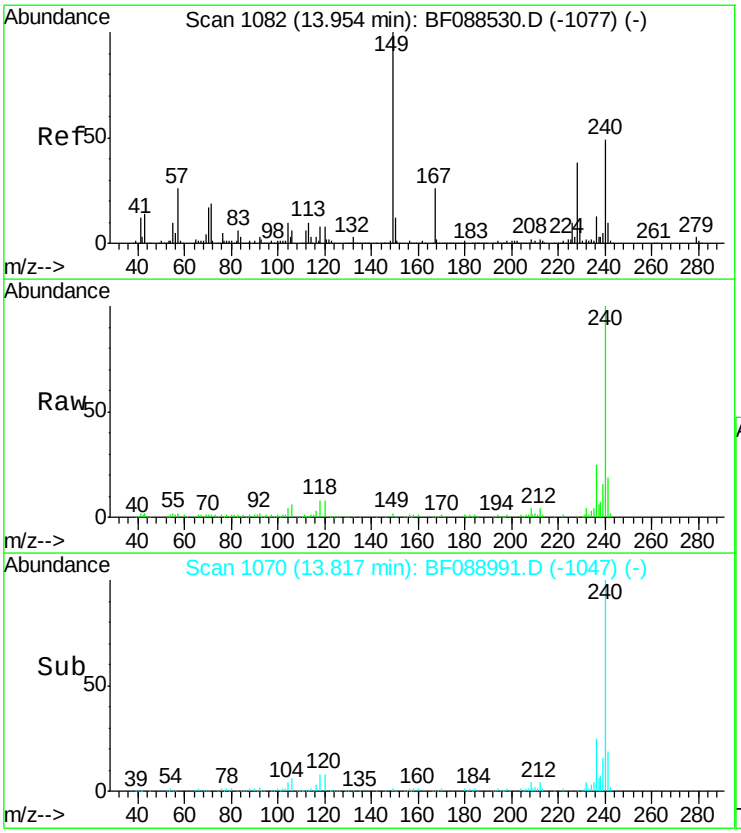
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.19 min Scan# 840
Delta R.T. -0.03 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
PB92031BL

Tgt Ion:188 Resp: 209540

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.0	13.6
80	12.4	10.0	15.0

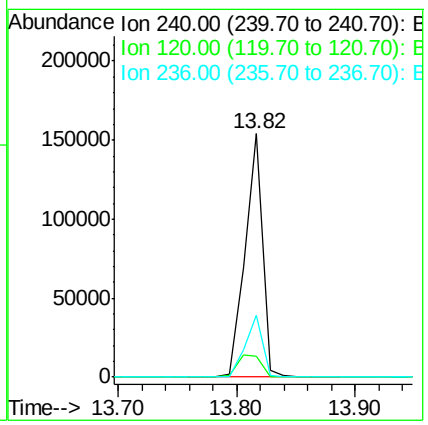


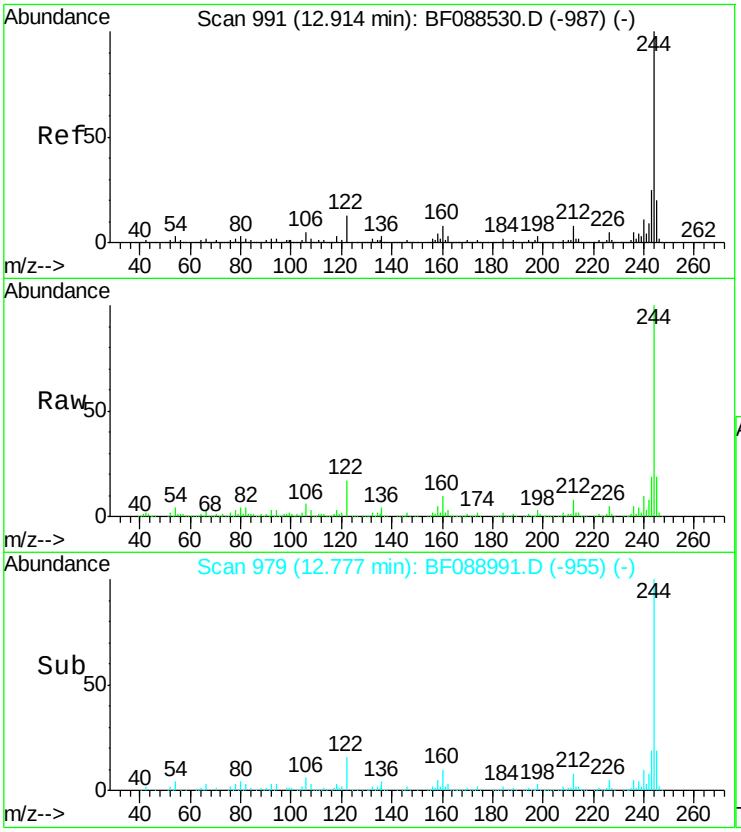


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.82 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Tgt Ion:240 Resp: 158767

Ion	Ratio	Lower	Upper
240	100		
120	8.5	6.8	10.2
236	25.5	20.2	30.2



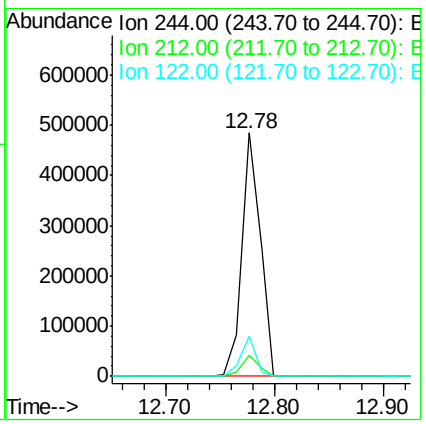


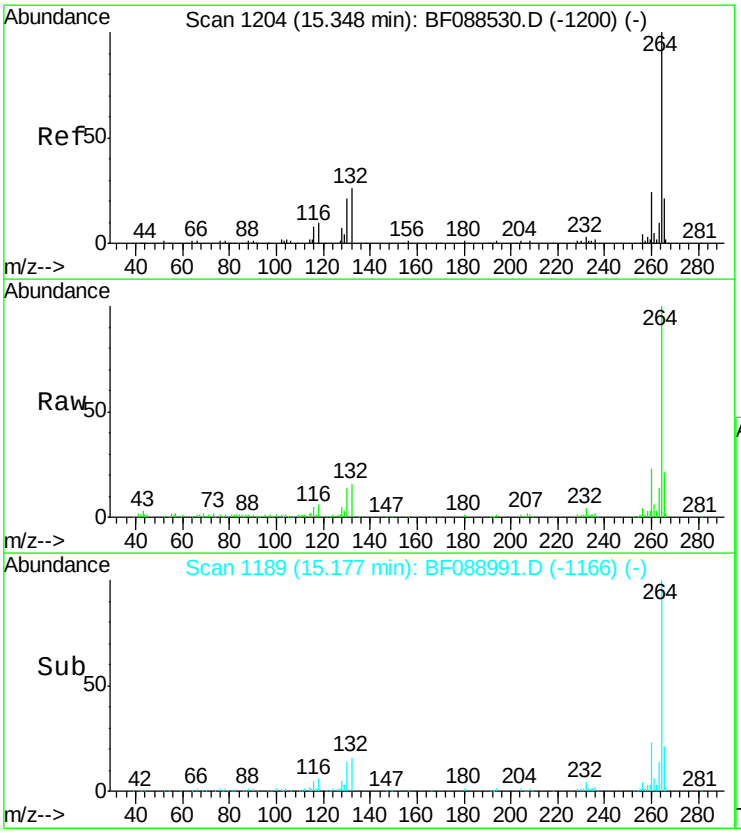
#78
Terphenyl-d14
Concen: 79.60 ng
RT: 12.78 min Scan# 979
Delta R.T. -0.02 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Instrument :
BNA_F
ClientSampleId :
PB92031BL

Tgt Ion:244 Resp: 567384

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	16.6	11.2	16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.03 min
Lab File: BF088991.D
Acq: 14 Jul 2016 17:46

Tgt Ion:264 Resp: 103314

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.2	16.9	25.3