Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
Data File : BF089102.D
Acq On : 19 Jul 2016 1:10
Operator : UM/SJ
Sample : H4045-13
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M9-B2(0-8)C

Quant Time: Jul 19 05:17:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 19 03:29:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	51911	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	207015	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	75655	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	129503	20.00	ng	0.00
75) Chrysene-d12	13.77	240	94206	20.00	ng	0.00
86) Perylene-d12	15.13	264	70685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	465602	134.42	ng	0.02
7) Phenol-d6	6.31	99	621068	138.77	ng	0.01
23) Nitrobenzene-d5	7.21	82	307742	77.90	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	86455	123.06	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	464616	97.01	ng	0.00
78) Terphenyl-d14	12.73	244	319053	75.43	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.40	163	129259	23.98	ng	99
74) Fluoranthene	12.35	202	23664	3.30	ng	99
77) Pyrene	12.58	202	17190	2.15	ng	100
87) Benzo(b)fluoranthene	14.77	252	10502m	2.37	ng	

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

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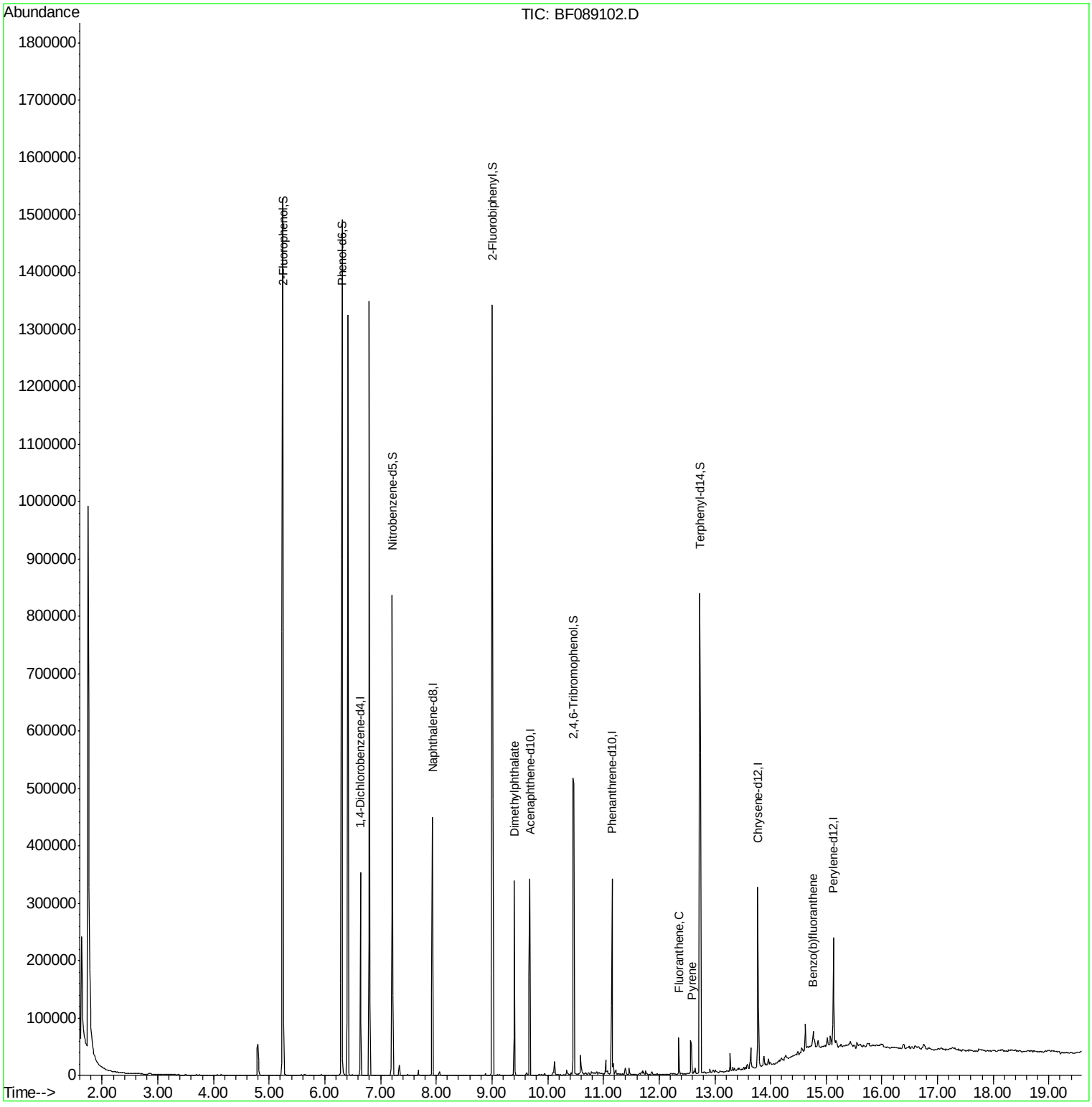
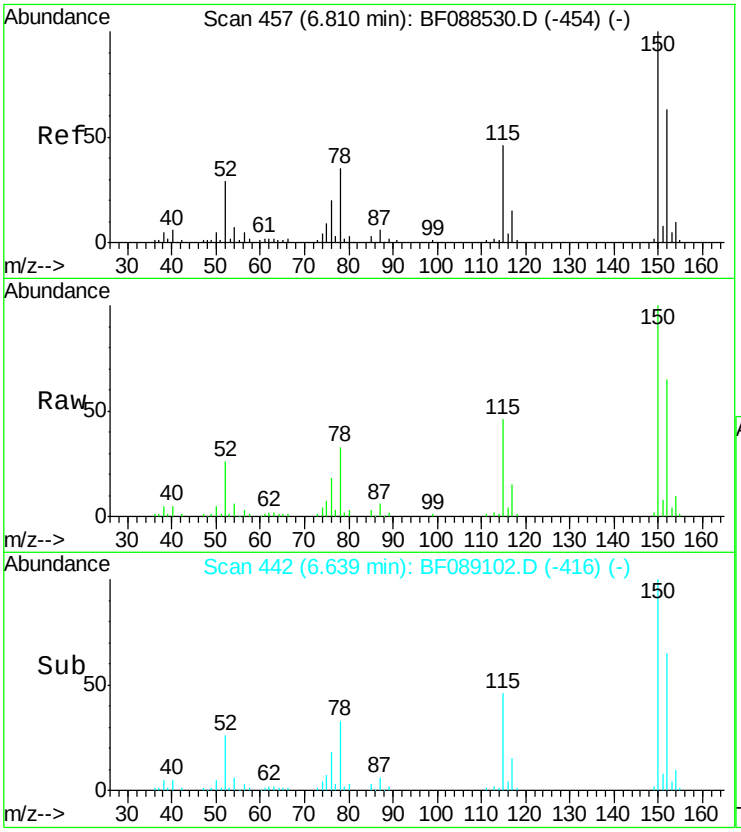


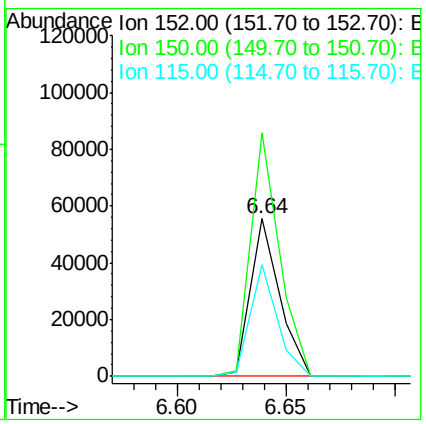


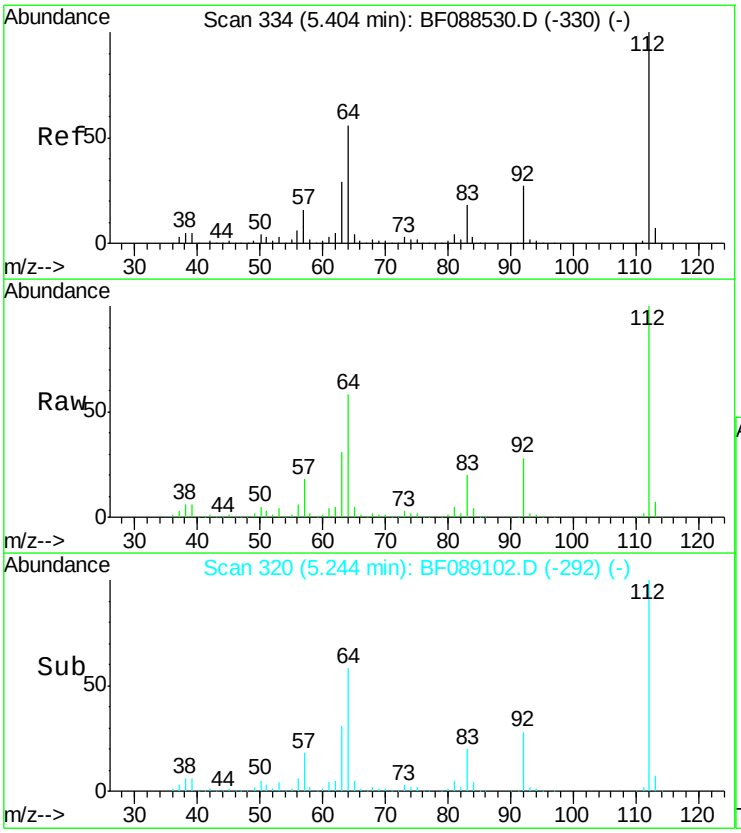
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Instrument :
BNA_F
ClientSampleId :
M9-B2(0-8)C

Tgt Ion:152 Resp: 51911

Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.8	185.6
115	70.7	39.6	59.4#

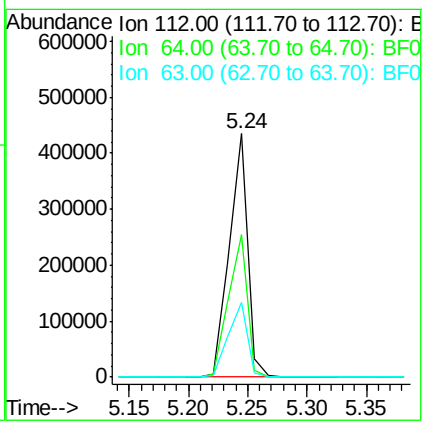


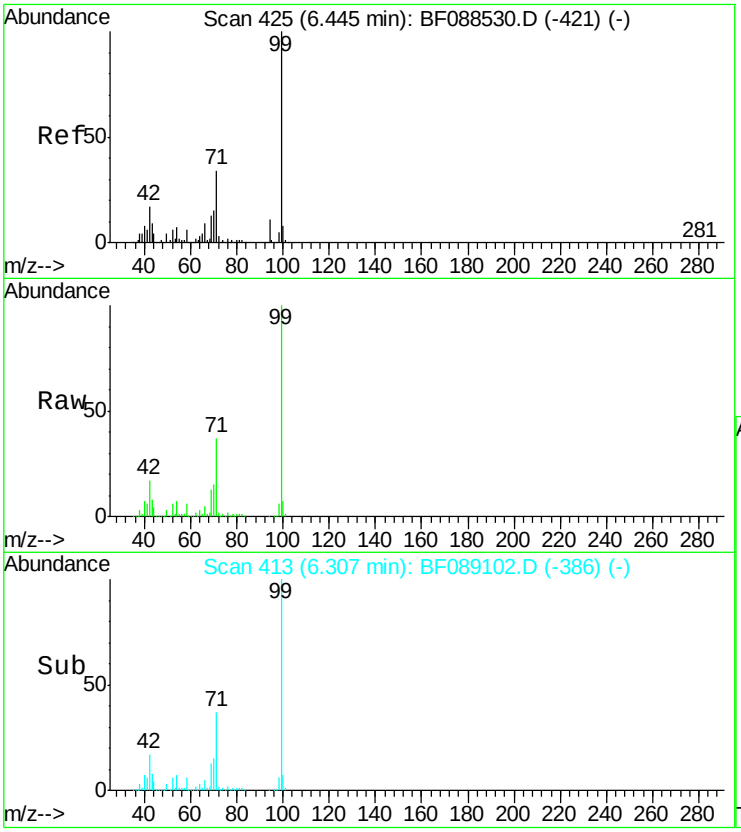


#5
2-Fluorophenol
Concen: 134.42 ng
RT: 5.24 min Scan# 320
Delta R.T. 0.02 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Tgt Ion:112 Resp: 465602

Ion	Ratio	Lower	Upper
112	100		
64	58.5	42.2	63.2
63	30.9	21.8	32.8



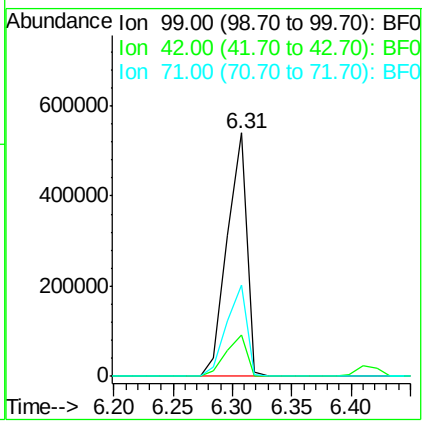


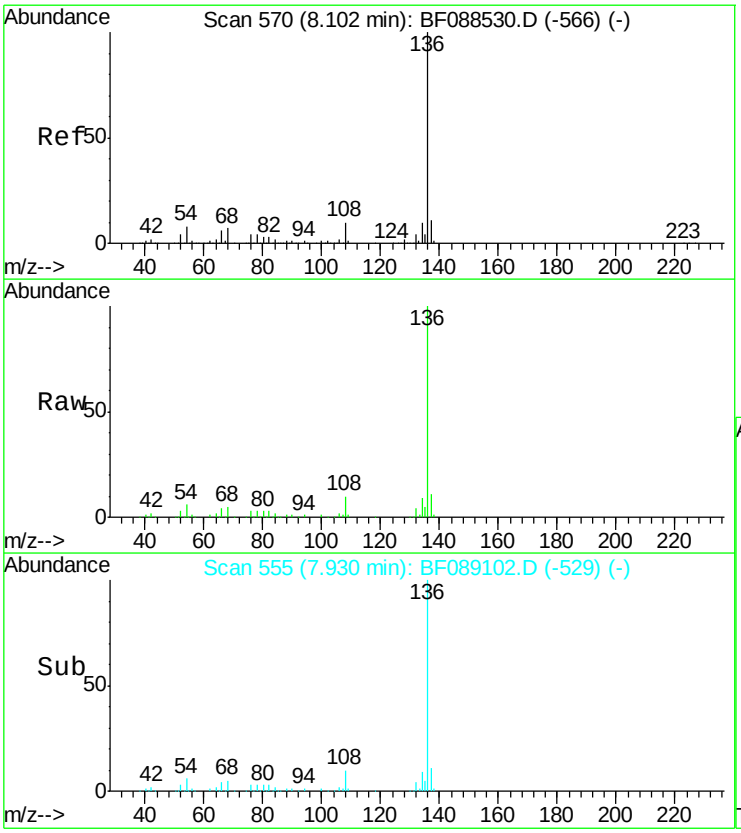
#7
Phenol-d6
Concen: 138.77 ng
RT: 6.31 min Scan# 413
Delta R.T. 0.01 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Instrument :
BNA_F
ClientSampleId :
M9-B2(0-8)C

Tgt Ion: 99 Resp: 621068

Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.2	18.2
71	37.4	23.4	35.0#

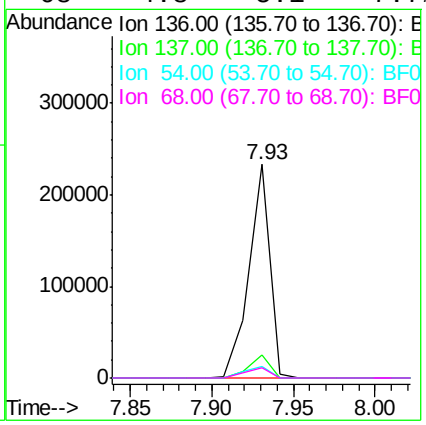


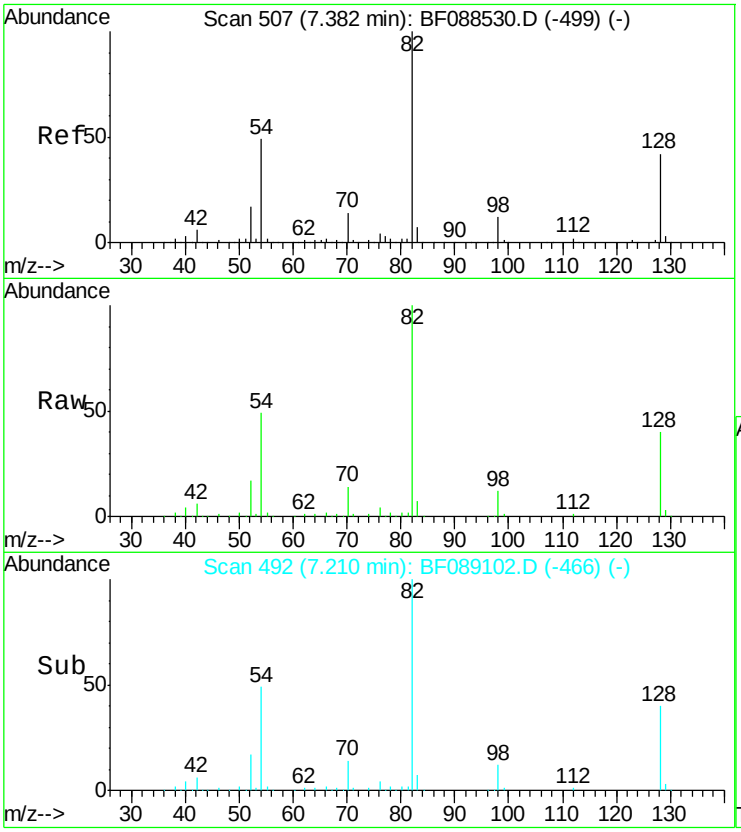


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Tgt Ion:136 Resp: 207015

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	5.7	6.6	10.0#
68	4.8	5.1	7.7#



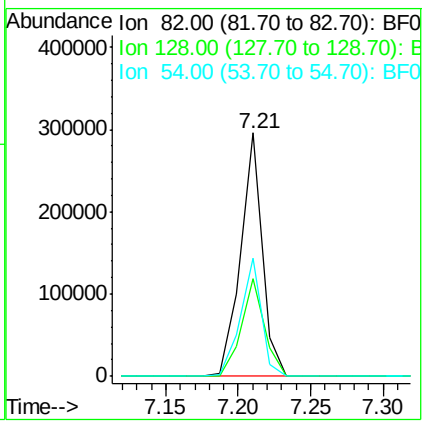


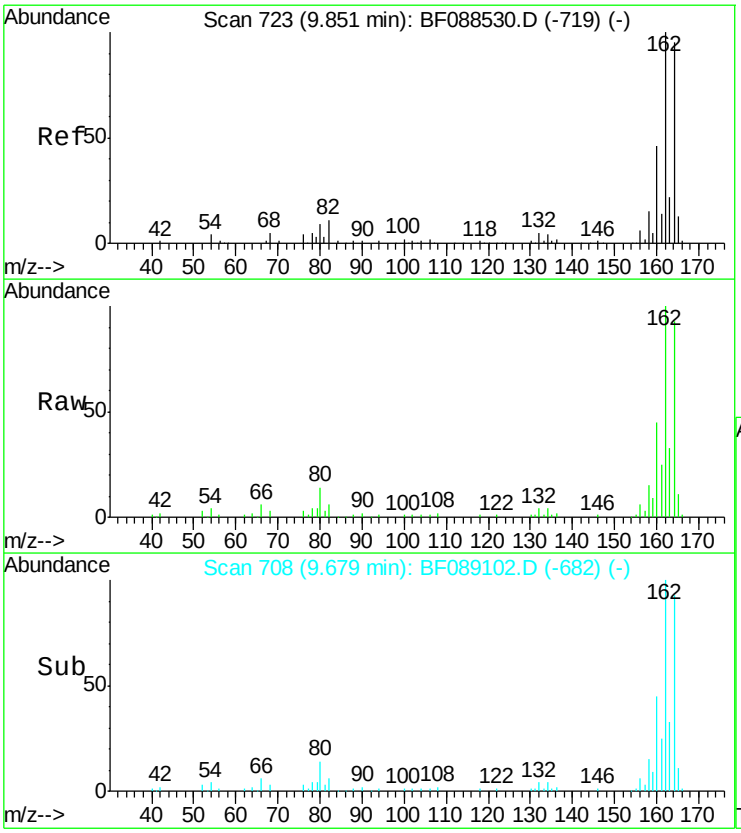
#23
Nitrobenzene-d5
Concen: 77.90 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Instrument :
BNA_F
ClientSampleId :
M9-B2(0-8)C

Tgt Ion: 82 Resp: 307742

Ion	Ratio	Lower	Upper
82	100		
128	40.3	35.9	53.9
54	48.7	40.9	61.3

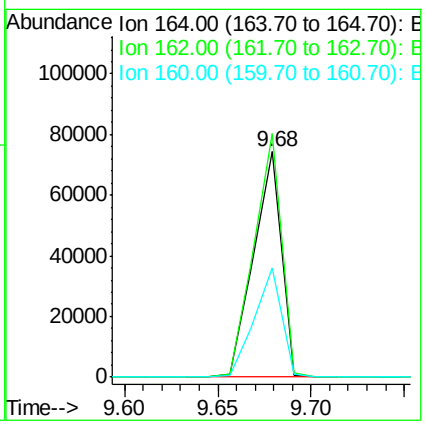


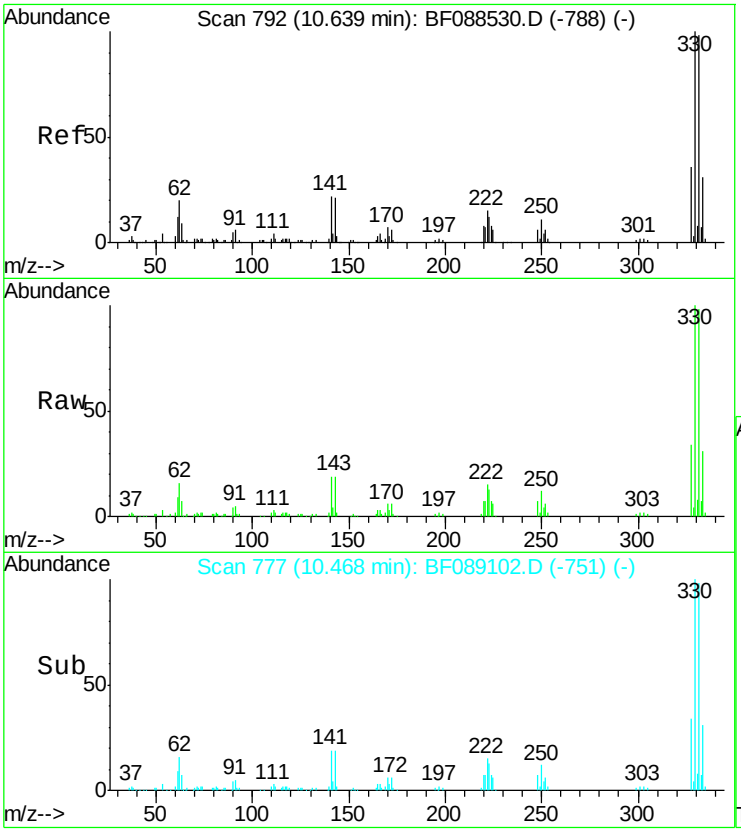


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Tgt Ion:164 Resp: 75655

Ion	Ratio	Lower	Upper
164	100		
162	108.1	85.4	128.2
160	48.5	39.5	59.3



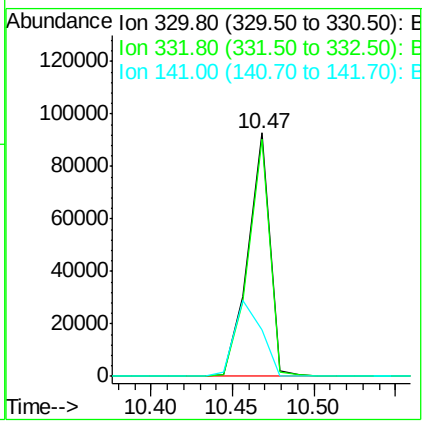


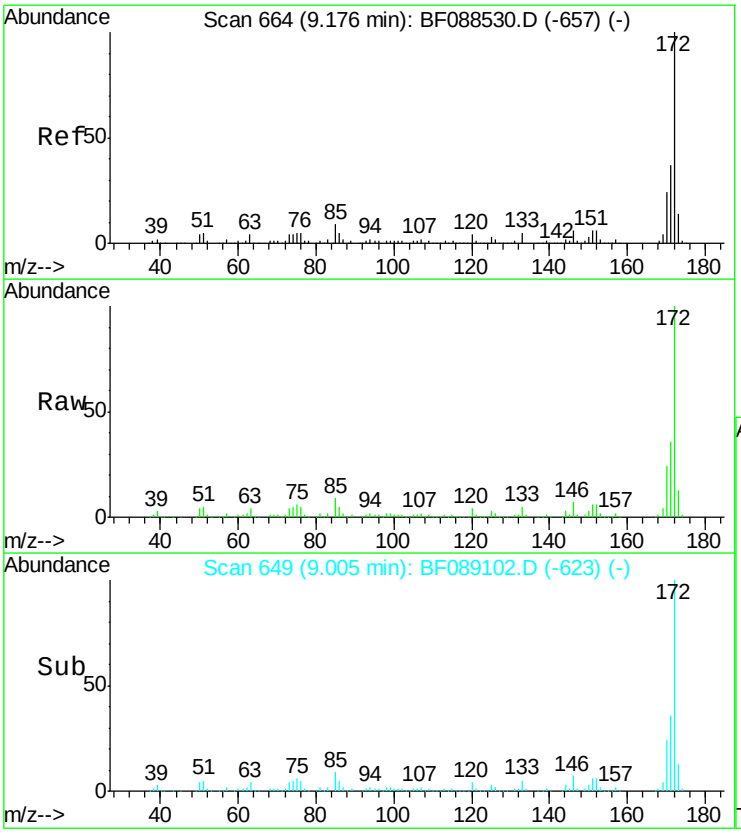
#41
2,4,6-Tribromophenol
Concen: 123.06 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Instrument :
BNA_F
ClientSampleId :
M9-B2(0-8)C

Tgt Ion:330 Resp: 86455

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	38.8	0.0	0.0#

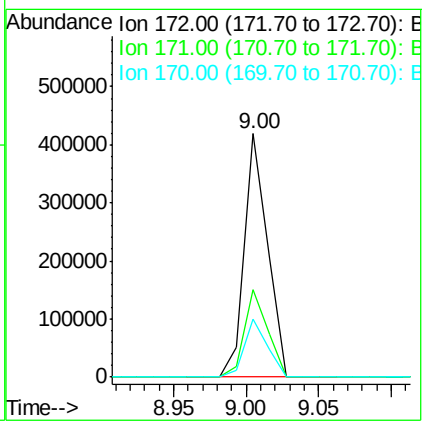


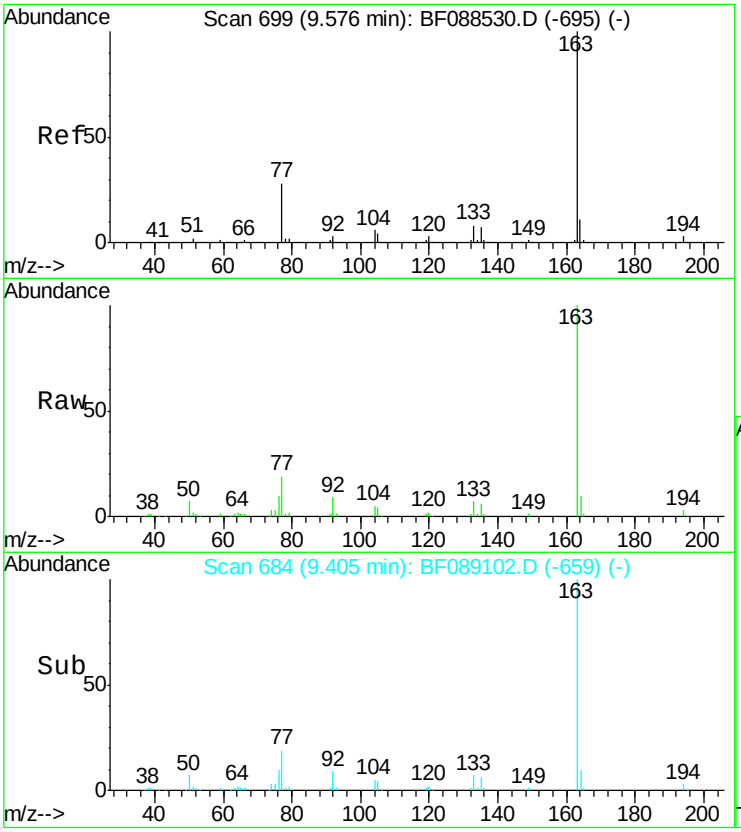


#44
2-Fluorobiphenyl
Concen: 97.01 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Tgt Ion:172 Resp: 464616

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.8	19.2	28.8



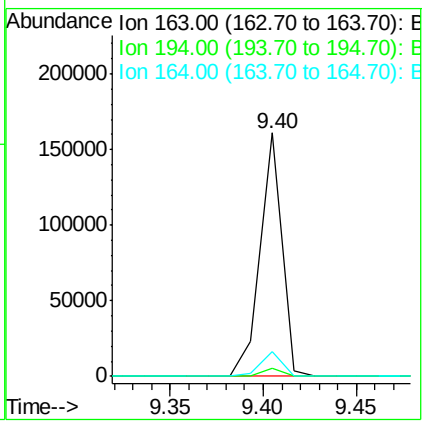


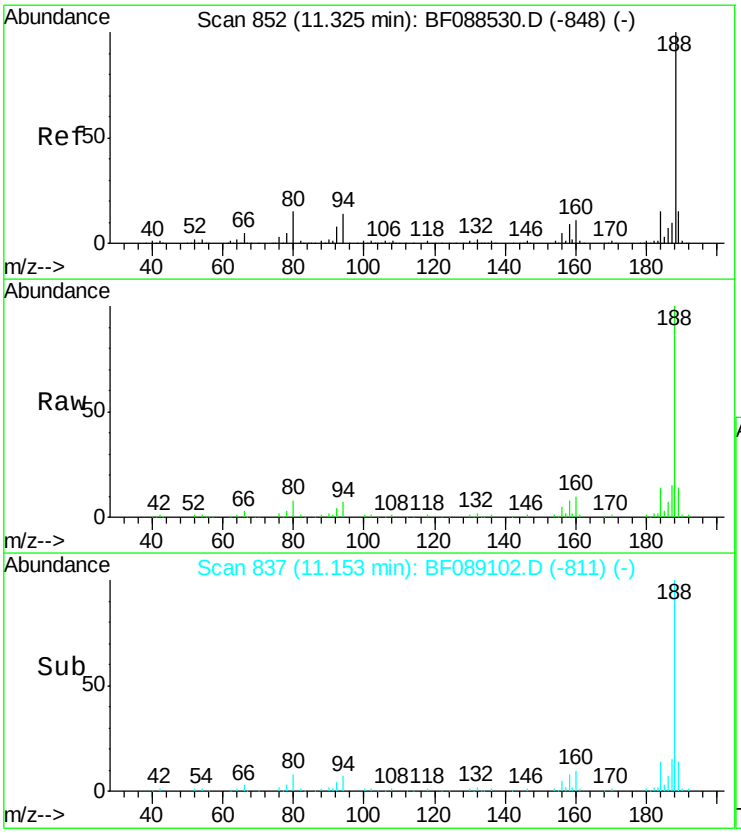
#49
Dimethylphthalate
Concen: 23.98 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Instrument :
BNA_F
ClientSampleId :
M9-B2(0-8)C

Tgt Ion:163 Resp: 129259

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.0	8.3	12.5

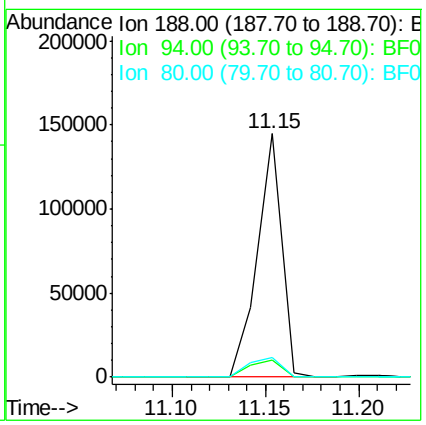


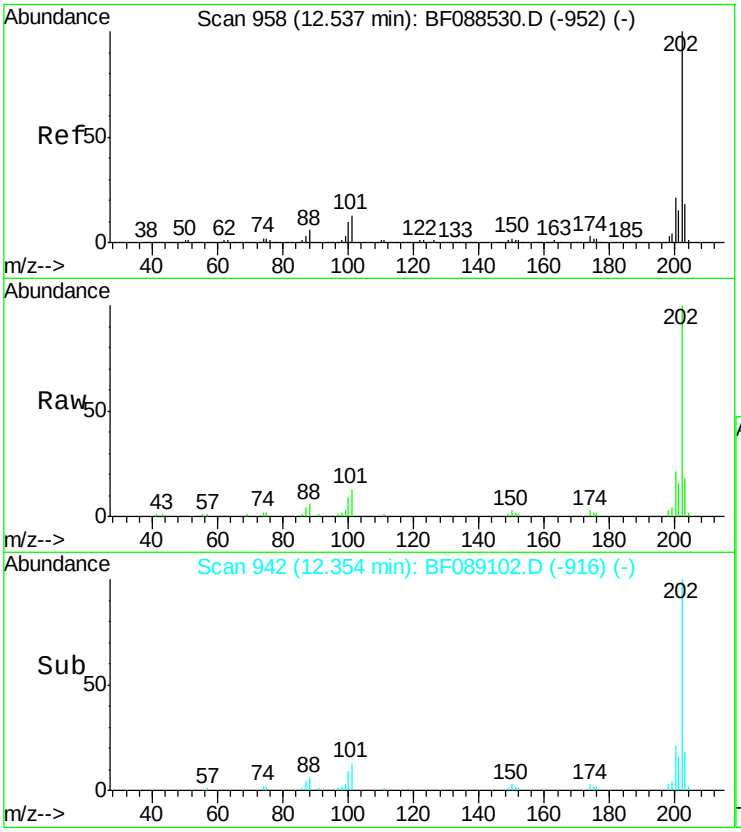


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Tgt Ion:188 Resp: 129503

Ion	Ratio	Lower	Upper
188	100		
94	7.2	9.0	13.6#
80	7.8	10.0	15.0#



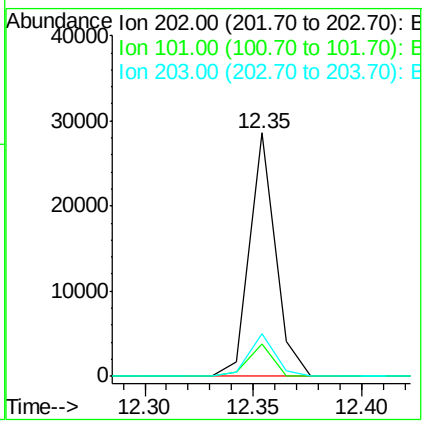


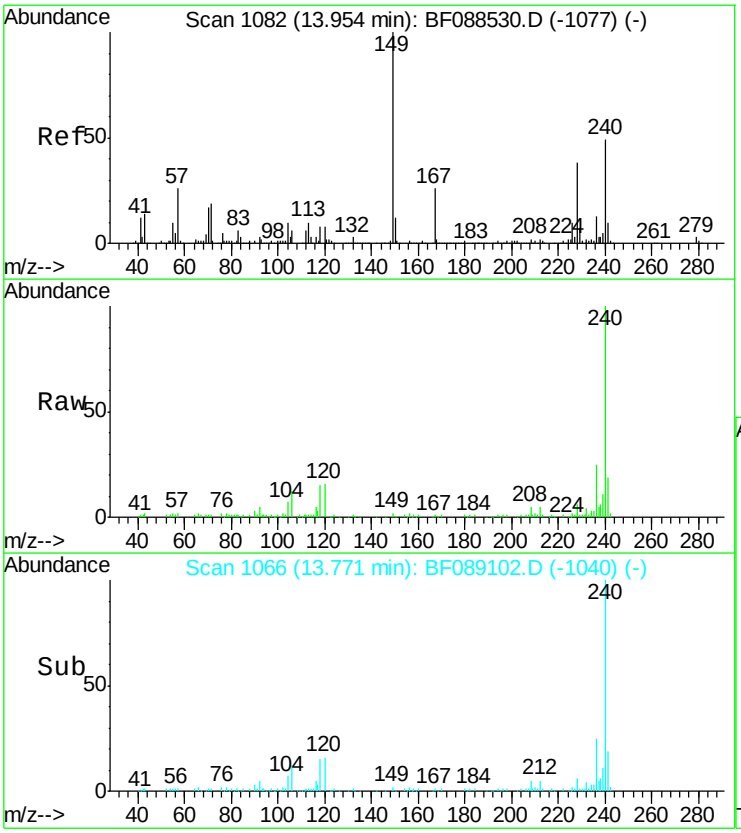
#74
Fluoranthene
Concen: 3.30 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Instrument :
BNA_F
ClientSampleId :
M9-B2(0-8)C

Tgt Ion:202 Resp: 23664

Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	33.1
203	17.6	0.0	38.1

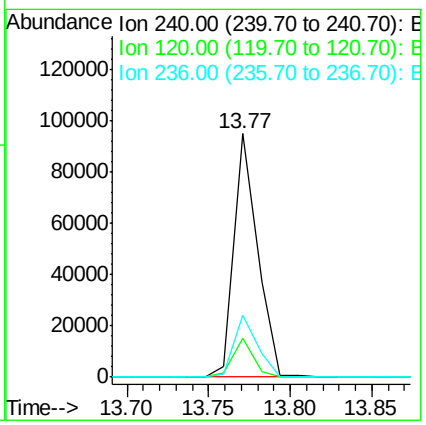


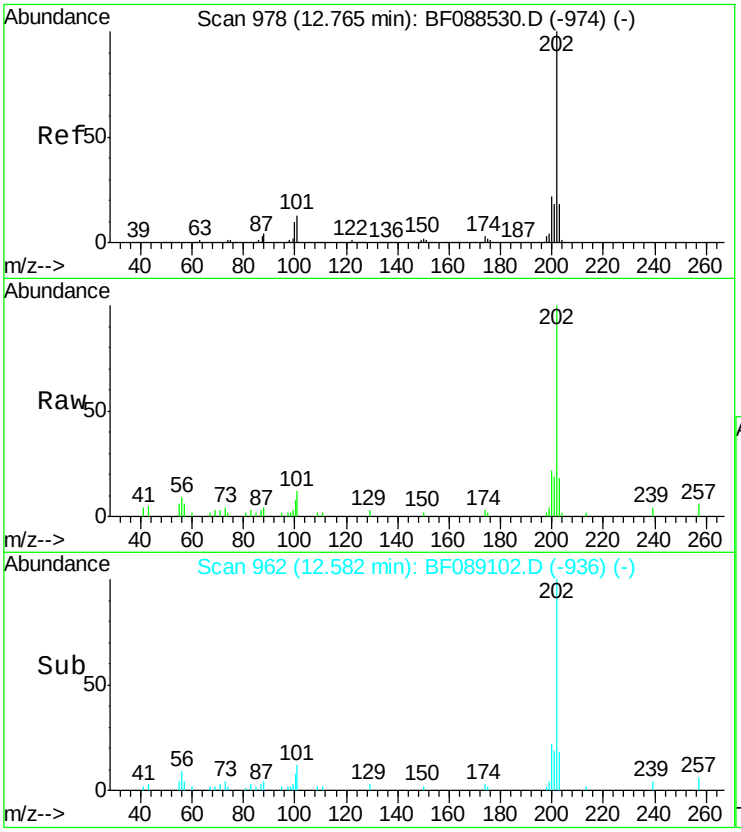


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Tgt Ion:240 Resp: 94206

Ion	Ratio	Lower	Upper
240	100		
120	16.0	6.8	10.2#
236	25.2	20.2	30.2



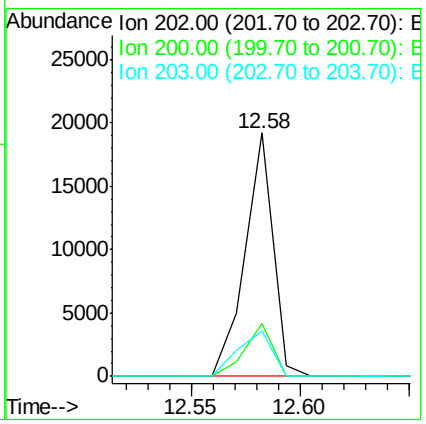


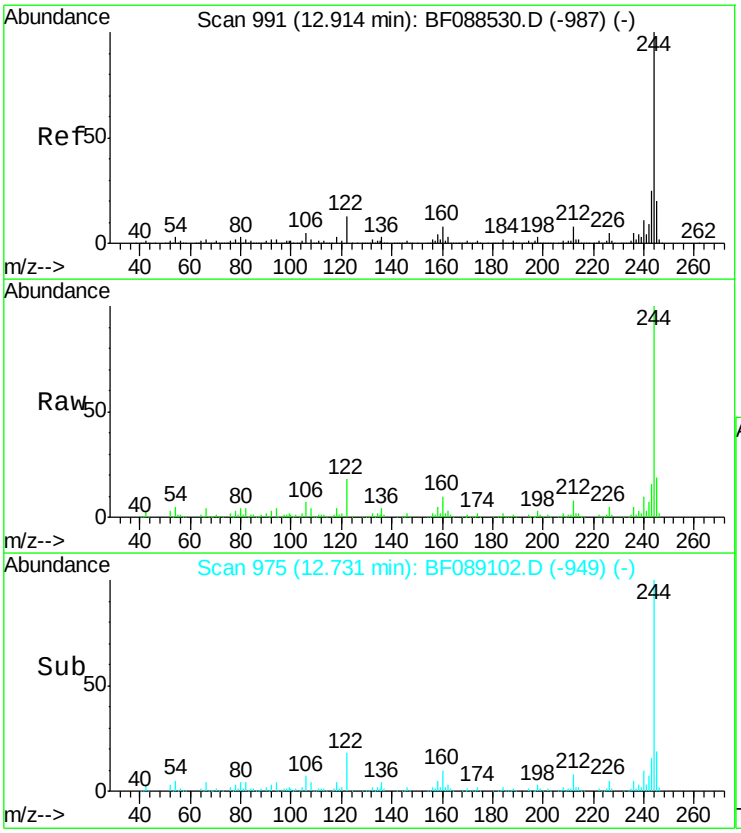
#77
Pyrene
Concen: 2.15 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Instrument :
BNA_F
ClientSampleId :
M9-B2(0-8)C

Tgt Ion:202 Resp: 17190

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.3	14.5	21.7

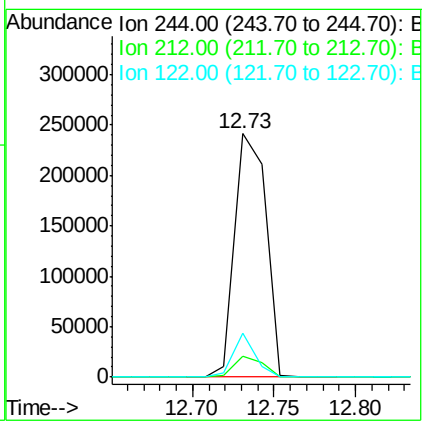


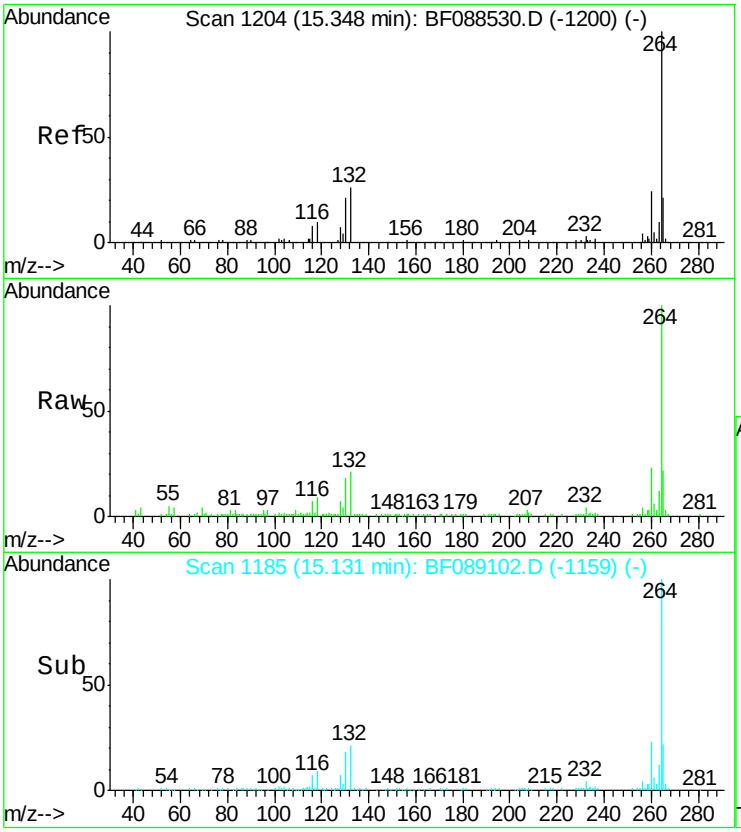


#78
Terphenyl-d14
Concen: 75.43 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Tgt Ion:244 Resp: 319053

Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.0	9.0
122	18.1	11.2	16.8#



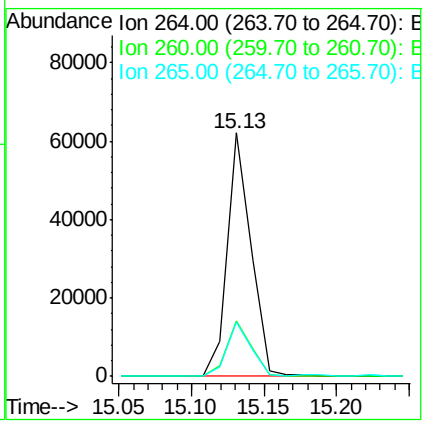


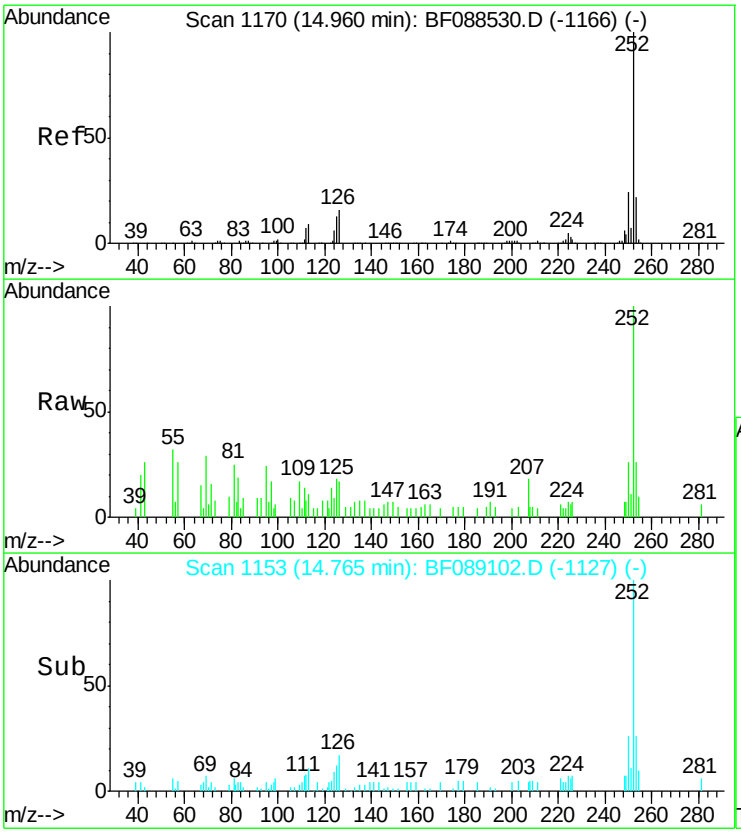
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Instrument :
BNA_F
ClientSampleId :
M9-B2(0-8)C

Tgt Ion:264 Resp: 70685

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.0	16.9	25.3





#87
Benzo(b)fluoranthene
Concen: 2.37 ng m
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF089102.D
Acq: 19 Jul 2016 1:10

Tgt Ion:252 Resp: 10502

Ion	Ratio	Lower	Upper
252	100		
253	25.7	17.4	26.2
125	17.9	7.1	10.7#