Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089538.D
Acq On : 2 Aug 2016 4:55
Operator : UM/SJ
Sample : H4288-17
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-67-5.5-6.5

Quant Time: Aug 02 05:19:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 02:21:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	38933	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	136761	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	57300	20.00	ng	-0.01
63) Phenanthrene-d10	10.98	188	95271	20.00	ng	0.00
75) Chrysene-d12	13.60	240	95742	20.00	ng	-0.01
86) Perylene-d12	14.93	264	85100	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	318130	130.47	ng	0.01
7) Phenol-d6	6.15	99	436318	135.40	ng	0.00
23) Nitrobenzene-d5	7.05	82	242372	104.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	65246	137.49	ng	-0.01
44) 2-Fluorobiphenyl	8.84	172	417015	106.81	ng	-0.01
78) Terphenyl-d14	12.56	244	282733	69.12	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.24	163	67327	15.44	ng	98
70) Phenanthrene	11.00	178	9980	2.03	ng	97
74) Fluoranthene	12.18	202	14185	2.74	ng	99

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

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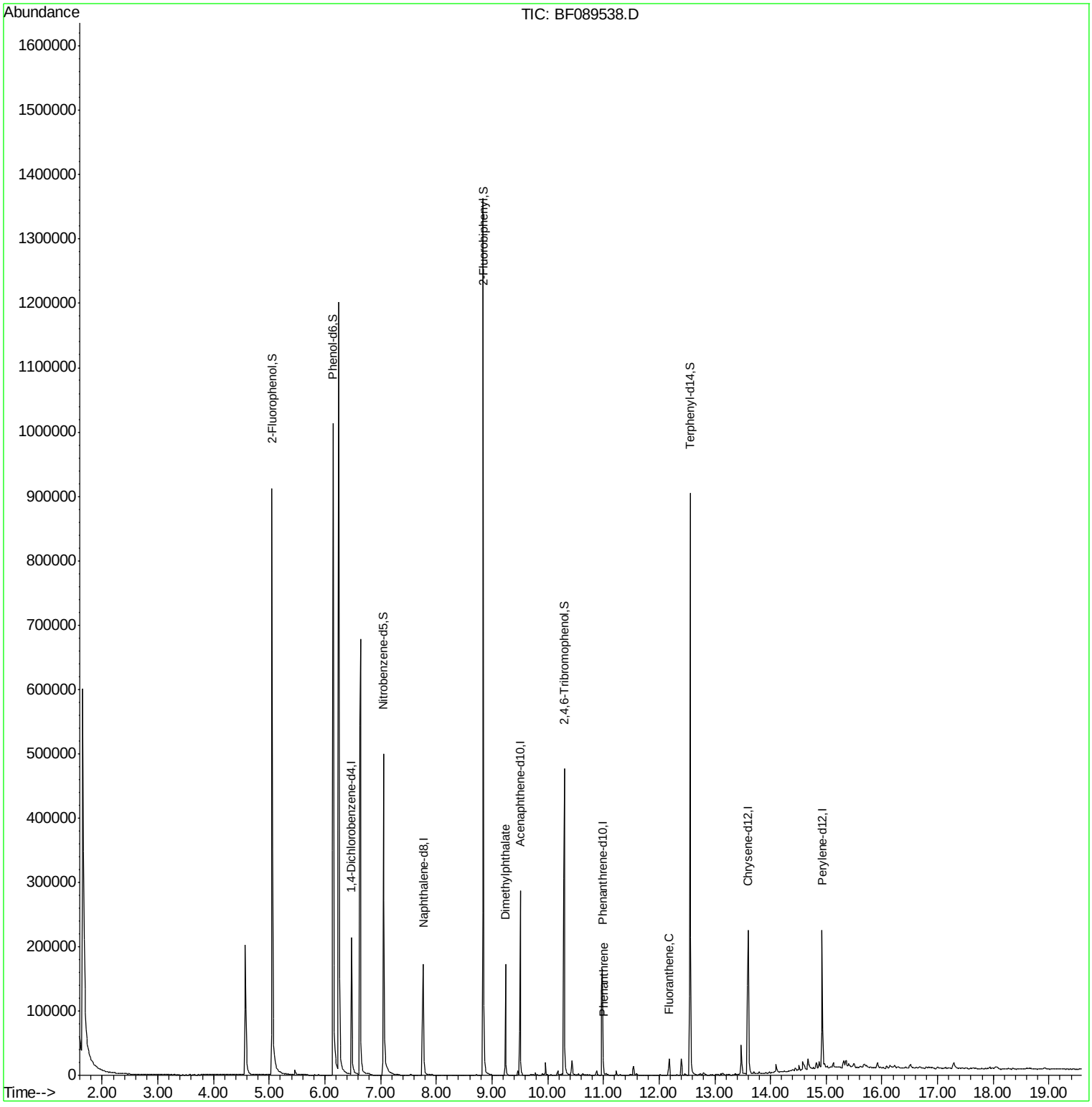
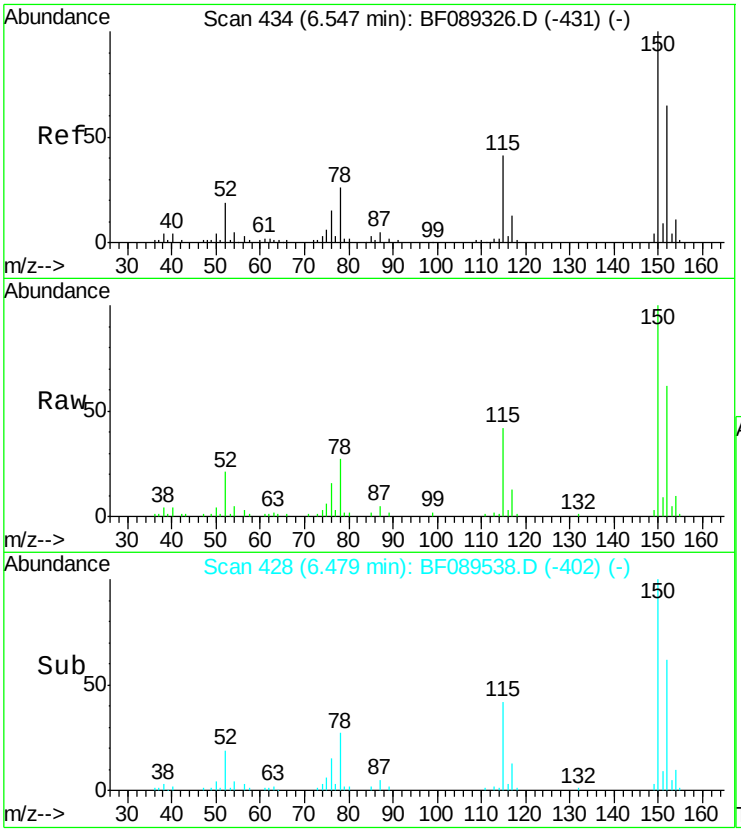


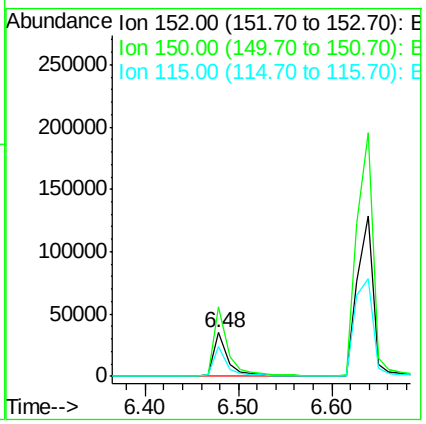


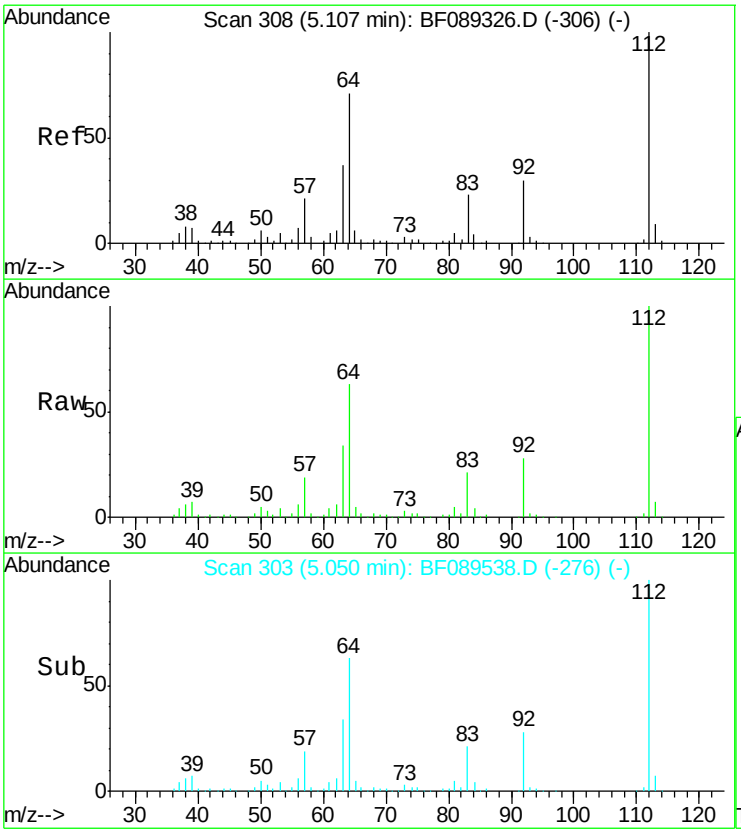
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Instrument :
BNA_F
ClientSampleId :
SB-67-5.5-6.5

Tgt Ion:152 Resp: 38933

Ion	Ratio	Lower	Upper
152	100		
150	160.1	129.5	194.3
115	67.0	51.4	77.2

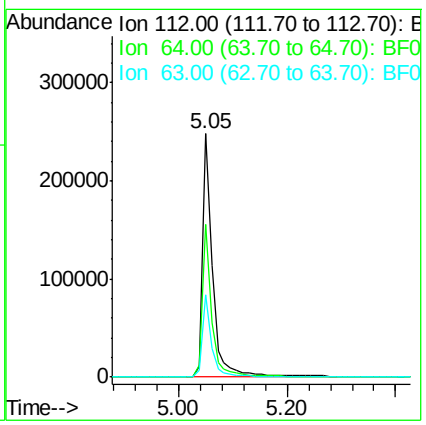


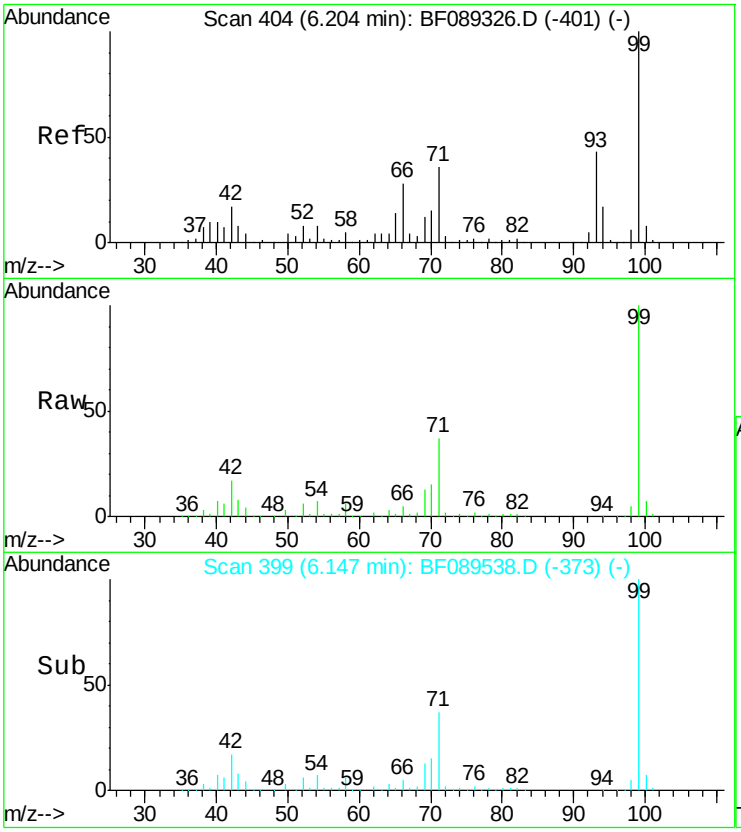


#5
2-Fluorophenol
Concen: 130.47 ng
RT: 5.05 min Scan# 303
Delta R.T. 0.01 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Tgt Ion:112 Resp: 318130

Ion	Ratio	Lower	Upper
112	100		
64	62.6	55.0	82.6
63	33.9	29.4	44.2



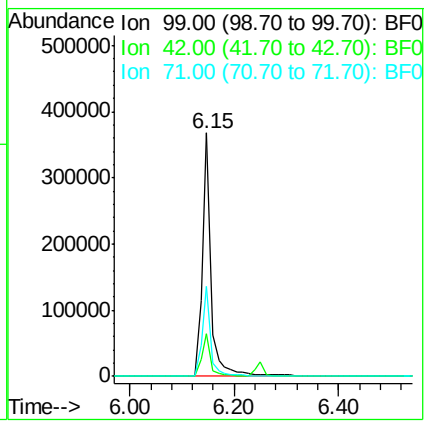


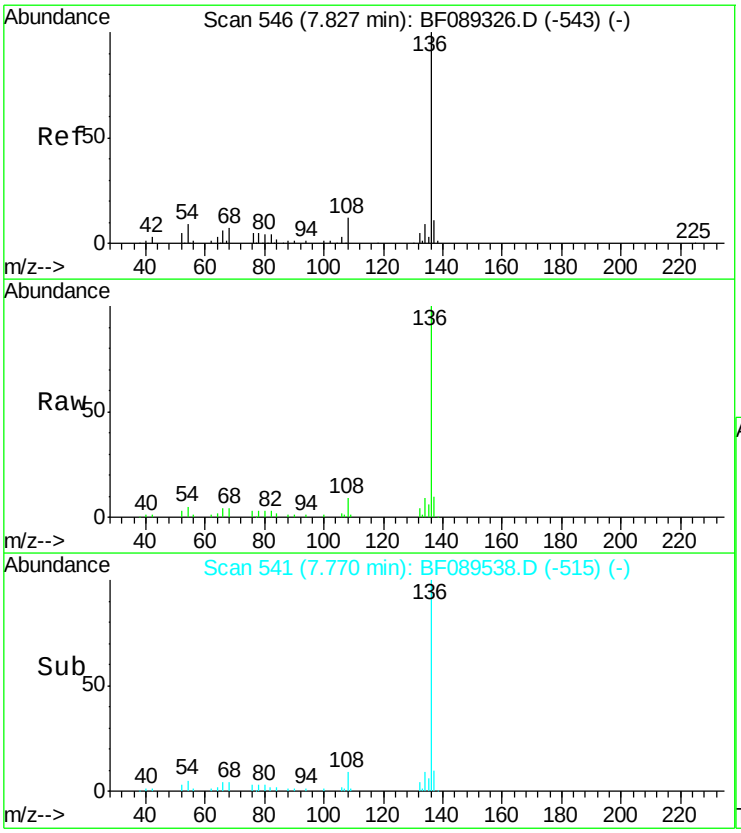
#7
Phenol-d6
Concen: 135.40 ng
RT: 6.15 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Instrument :
BNA_F
ClientSampleId :
SB-67-5.5-6.5

Tgt Ion: 99 Resp: 436318

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.6	20.4
71	37.1	29.4	44.2

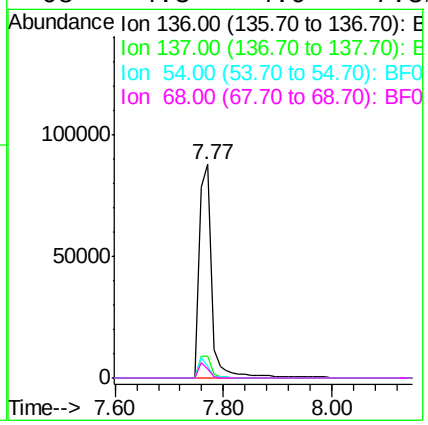


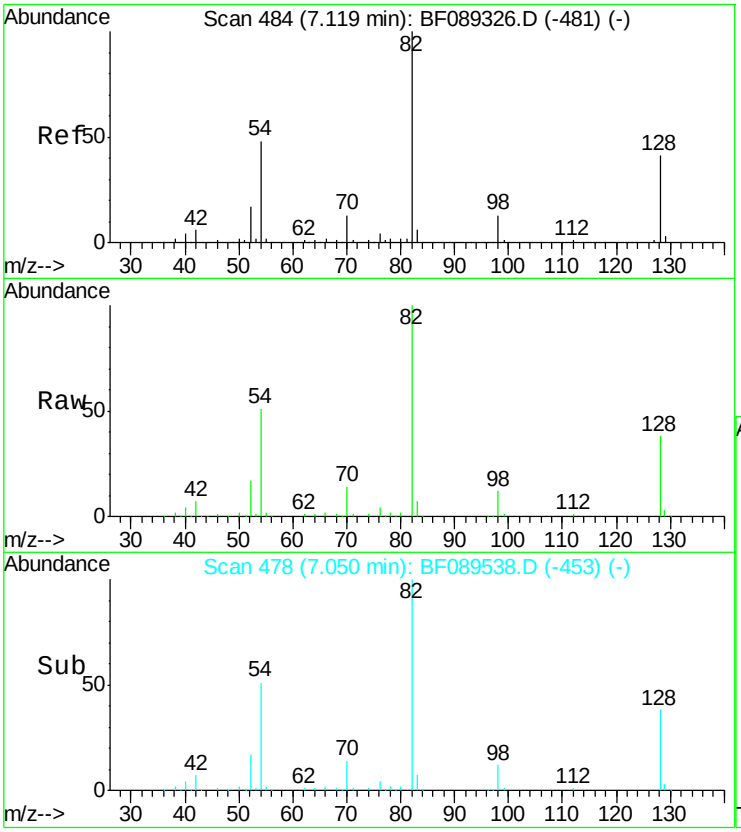


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Tgt Ion:136 Resp: 136761

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	13.0
54	5.3	7.0	10.4#
68	4.3	4.9	7.3#



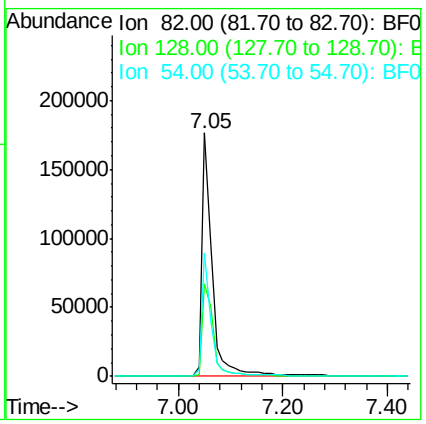


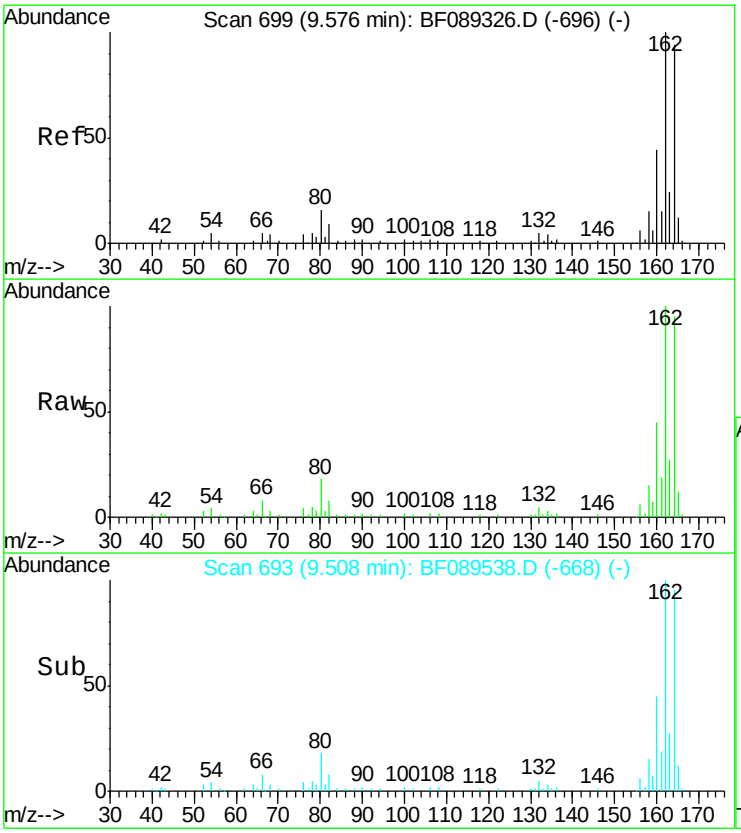
#23
Nitrobenzene-d5
Concen: 104.61 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Instrument :
BNA_F
ClientSampleId :
SB-67-5.5-6.5

Tgt Ion: 82 Resp: 242372

Ion	Ratio	Lower	Upper
82	100		
128	38.1	32.5	48.7
54	50.8	38.8	58.2

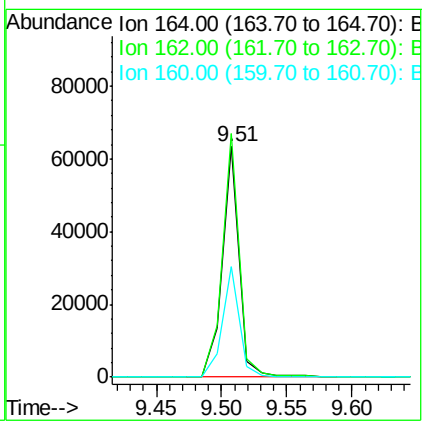


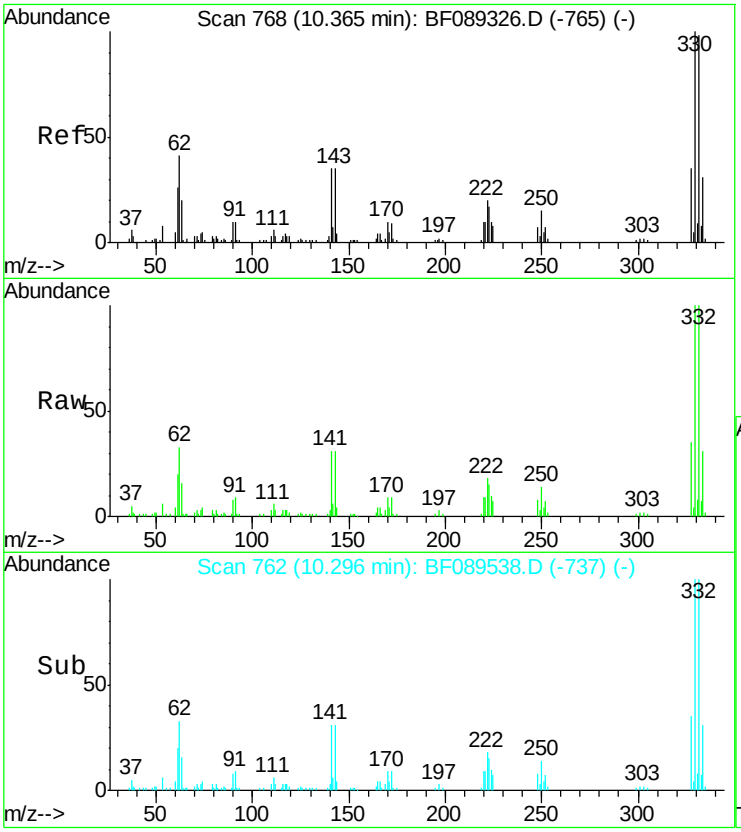


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Tgt Ion:164 Resp: 57300

Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.7	125.5
160	47.7	37.8	56.6



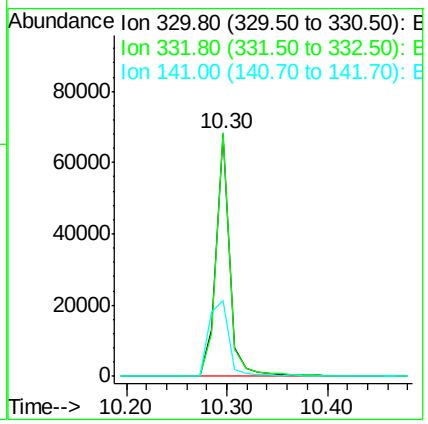


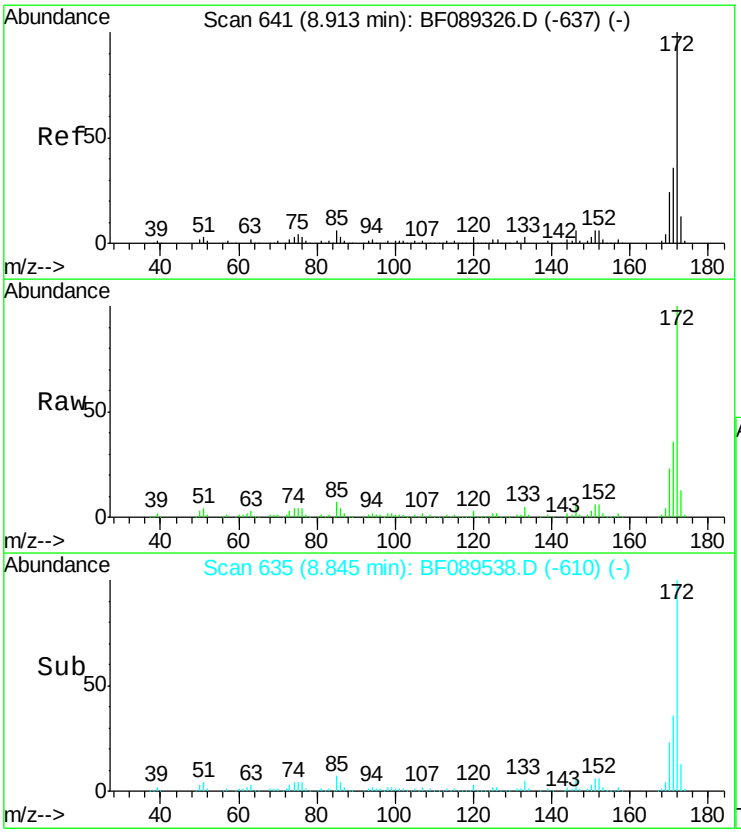
#41
2,4,6-Tribromophenol
Concen: 137.49 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Instrument :
BNA_F
ClientSampleId :
SB-67-5.5-6.5

Tgt Ion:330 Resp: 65246

Ion	Ratio	Lower	Upper
330	100		
332	98.6	76.8	115.2
141	45.5	37.3	55.9

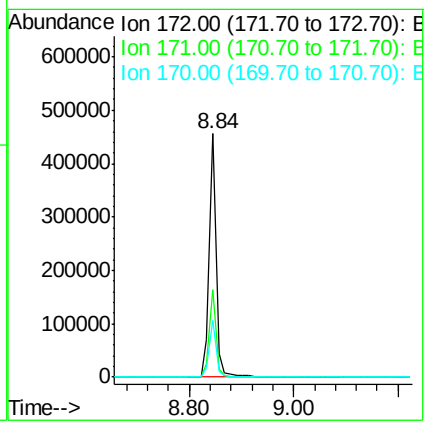


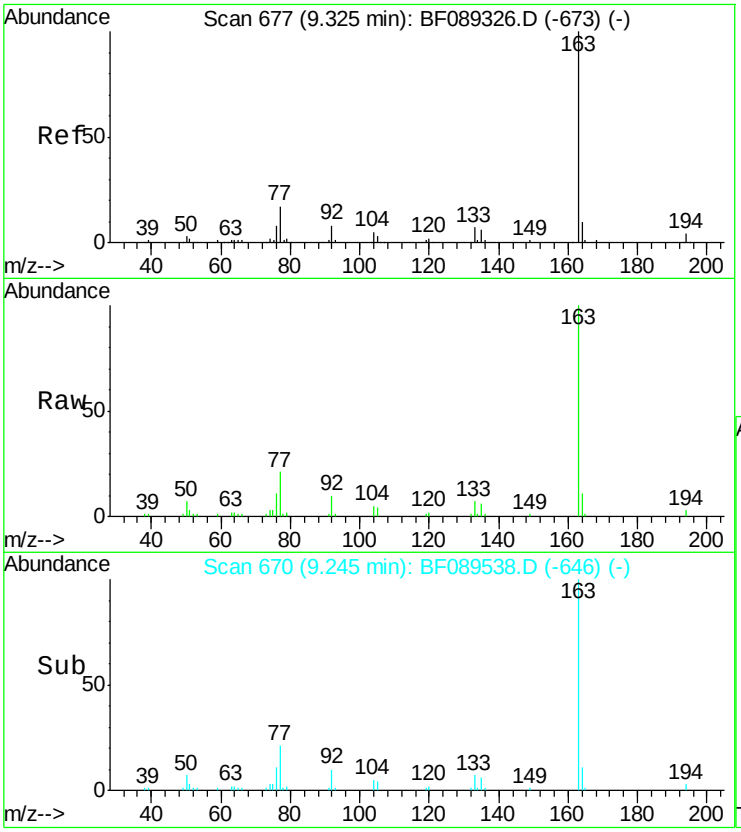


#44
2-Fluorobiphenyl
Concen: 106.81 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Tgt Ion:172 Resp: 417015

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.4	19.2	28.8



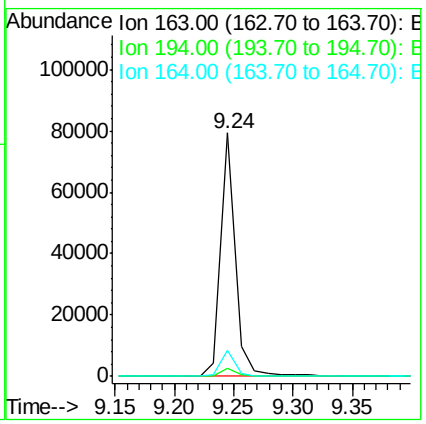


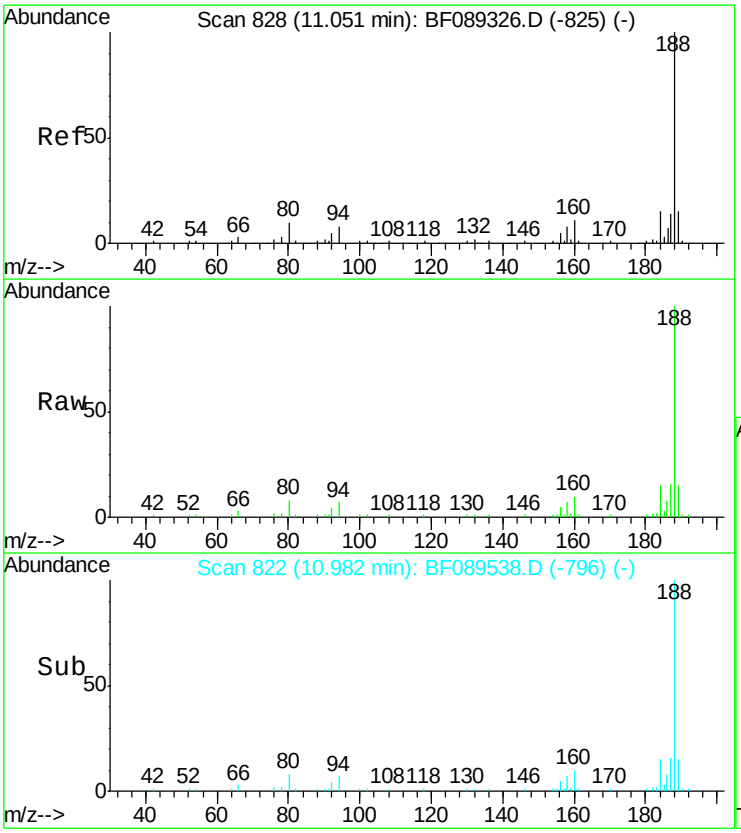
#49
Dimethylphthalate
Concen: 15.44 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Instrument :
BNA_F
ClientSampleId :
SB-67-5.5-6.5

Tgt Ion:163 Resp: 67327

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	10.6	7.8	11.8

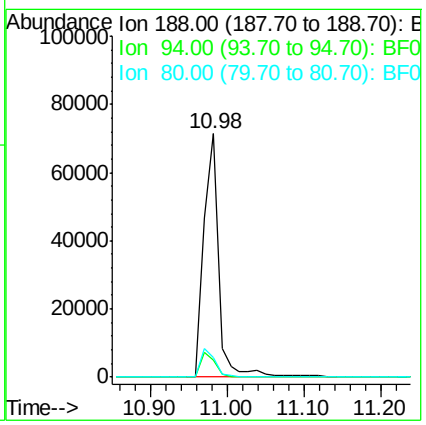


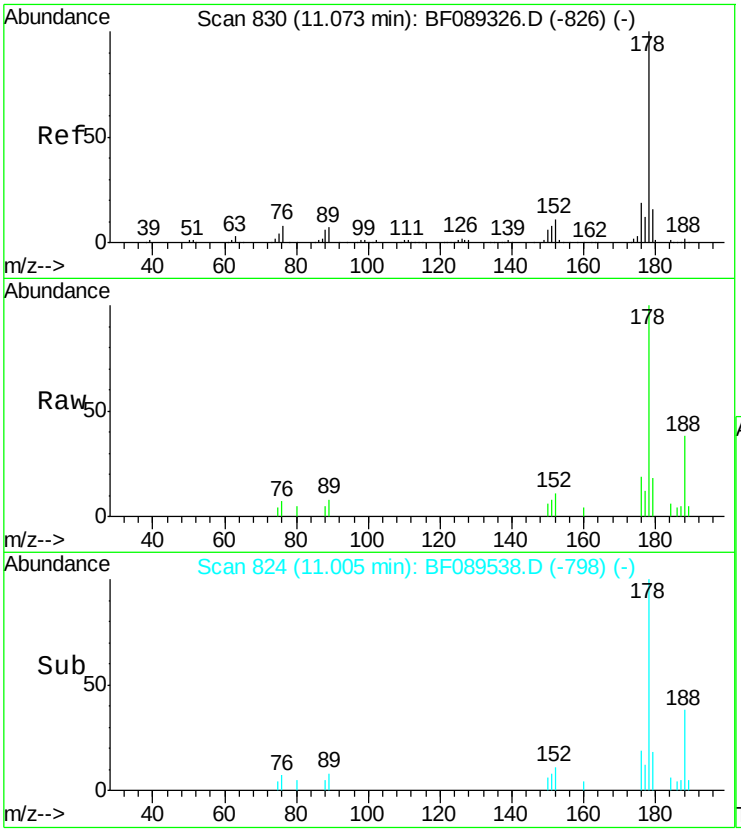


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Tgt Ion:188 Resp: 95271

Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.5	9.7
80	7.9	7.2	10.8



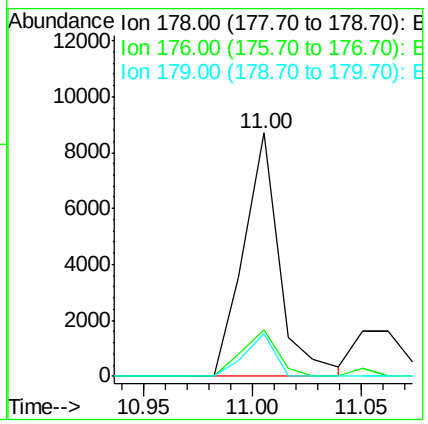


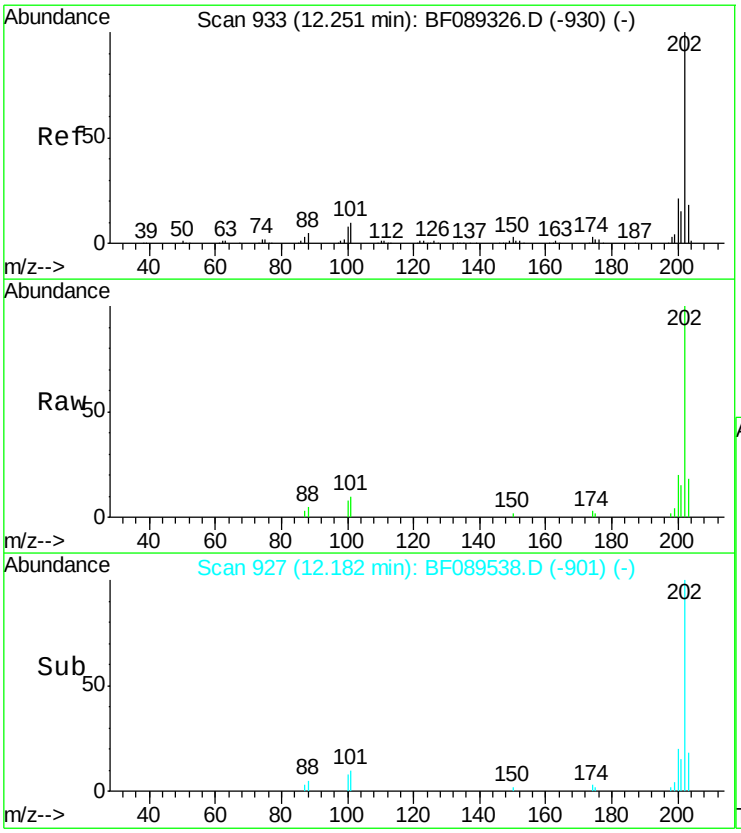
#70
Phenanthrene
Concen: 2.03 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Instrument :
BNA_F
ClientSampleId :
SB-67-5.5-6.5

Tgt Ion:178 Resp: 9980

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	17.7	12.3	18.5

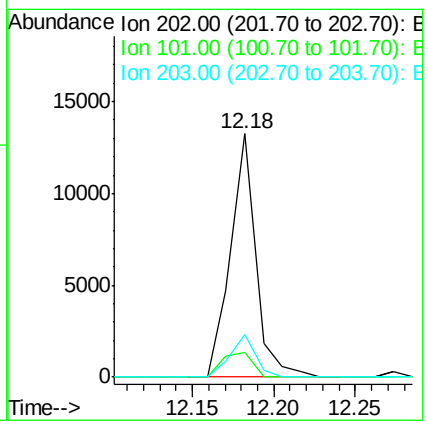


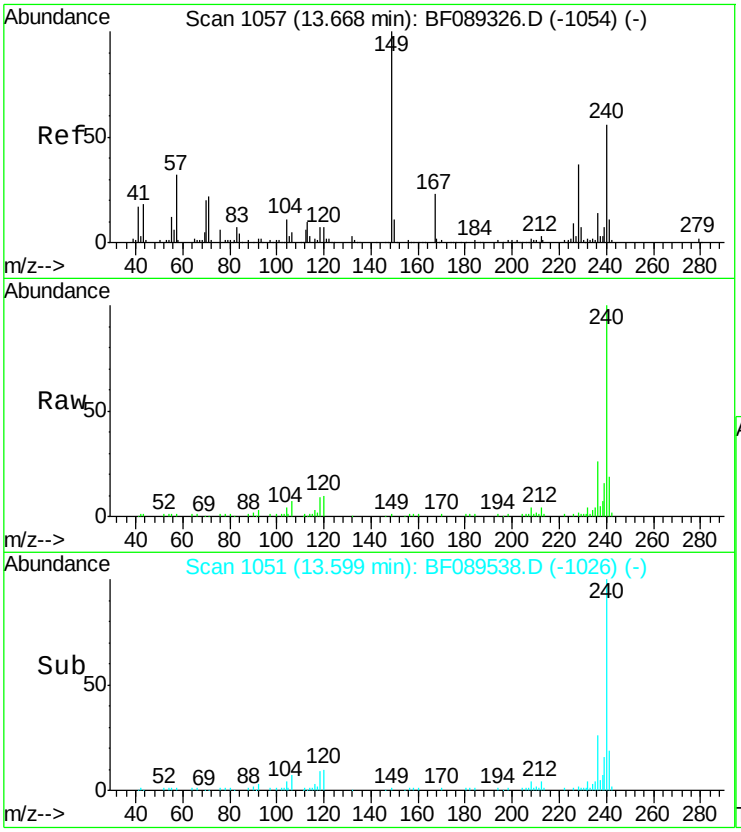


#74
Fluoranthene
Concen: 2.74 ng
RT: 12.18 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Tgt Ion:202 Resp: 14185

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.9
203	17.6	0.0	37.3



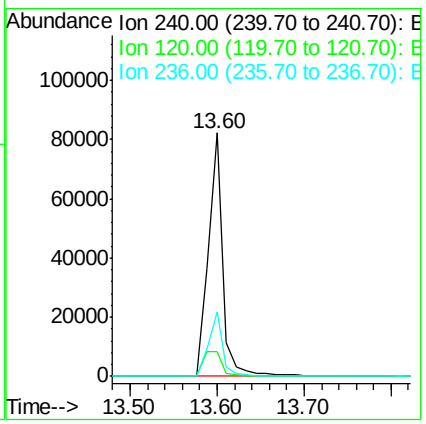


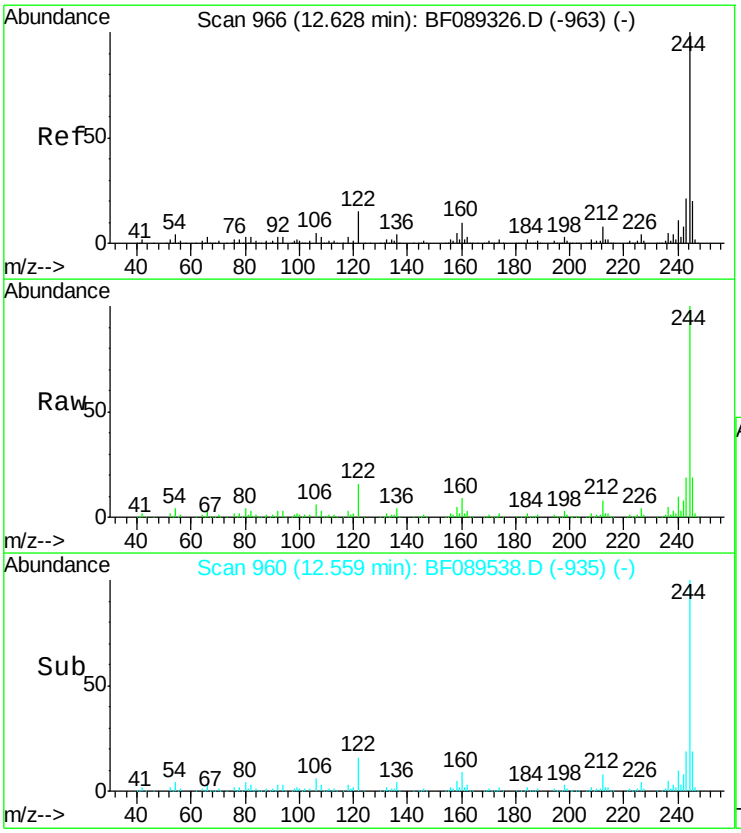
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Instrument :
BNA_F
ClientSampleId :
SB-67-5.5-6.5

Tgt Ion:240 Resp: 95742

Ion	Ratio	Lower	Upper
240	100		
120	10.2	9.1	13.7
236	26.2	20.6	30.8

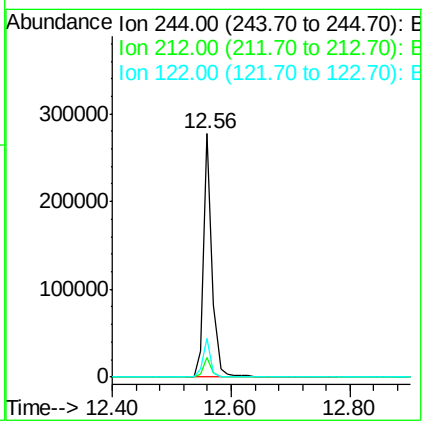


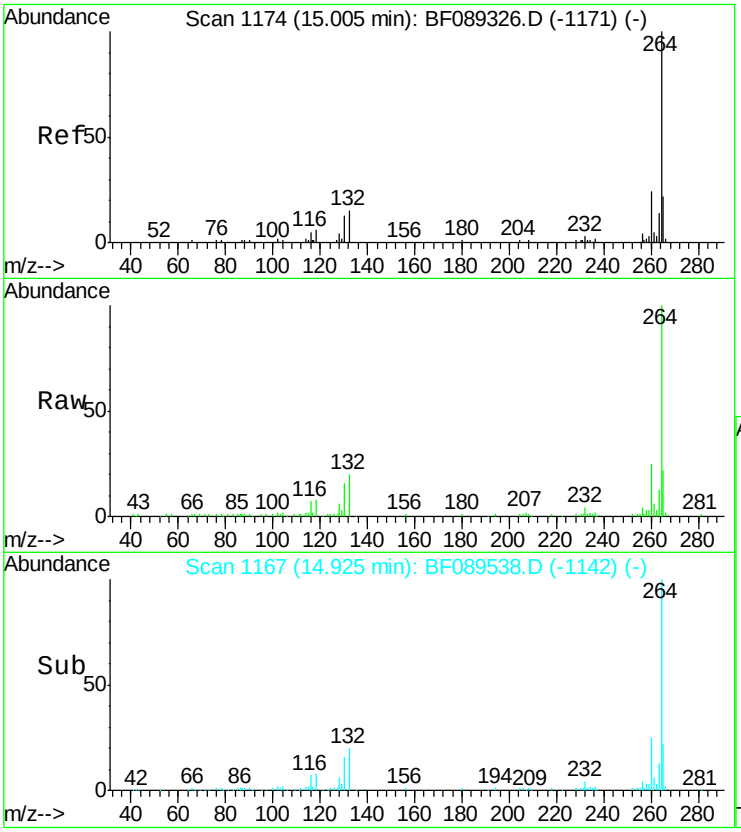


#78
Terphenyl-d14
Concen: 69.12 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Tgt Ion:244 Resp: 282733

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	15.7	11.4	17.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF089538.D
Acq: 2 Aug 2016 4:55

Instrument :
BNA_F
ClientSampleId :
SB-67-5.5-6.5

Tgt Ion:264 Resp: 85100

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	21.9	17.5	26.3