Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089533.D
Acq On : 2 Aug 2016 2:26
Operator : UM/SJ
Sample : H4288-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-64-5.0-6.0

Quant Time: Aug 02 03:50:50 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	36910	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	124322	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	52301	20.00	ng		-0.01
63) Phenanthrene-d10	10.98	188	92194	20.00	ng		0.00
75) Chrysene-d12	13.60	240	93964	20.00	ng		-0.01
86) Perylene-d12	14.93	264	80559	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.05	112	291868	126.26	ng		0.01
7) Phenol-d6	6.15	99	396084	129.66	ng		0.00
23) Nitrobenzene-d5	7.05	82	218277	103.63	ng		-0.01
41) 2,4,6-Tribromophenol	10.30	330	54863	126.66	ng		-0.01
44) 2-Fluorobiphenyl	8.84	172	326724	91.68	ng		-0.01
78) Terphenyl-d14	12.56	244	208264	51.87	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.66	88	39965	37.98	ng	#	26
9) Benzaldehyde	6.25	77	7680	5.15	ng		81
19) n-Nitroso-di-n-propylamine	7.05	70	28302	15.36	ng	#	84
49) Dimethylphthalate	9.24	163	71882	18.06	ng		99
55) 4-Nitrophenol	9.71	139	1023	8.43	ng	#	4
56) 2,4-Dinitrotoluene	9.51	165	6766	6.28	ng	#	7
66) 4-Bromophenyl-phenylether	10.30	248	4125	4.69	ng	#	1
70) Phenanthrene	11.00	178	35068	7.38	ng		99
71) Anthracene	11.05	178	16695	3.16	ng		99
74) Fluoranthene	12.18	202	42283	8.45	ng		99
77) Pyrene	12.18	202	42283	5.94	ng		98
80) Benzo(a)anthracene	13.59	228	18925	3.57	ng		98
82) Chrysene	13.62	228	12990	2.30	ng		96
87) Benzo(b)fluoranthene	14.58	252	23511	4.70	ng	#	92
88) Benzo(k)fluoranthene	14.58	252	23511	5.11	ng	#	94
89) Benzo(a)pyrene	14.88	252	13021	2.90	ng		100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
Data File : BF089533.D
Acq On : 2 Aug 2016 2:26
Operator : UM/SJ
Sample : H4288-03
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Quant Time: Aug 02 03:50:50 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
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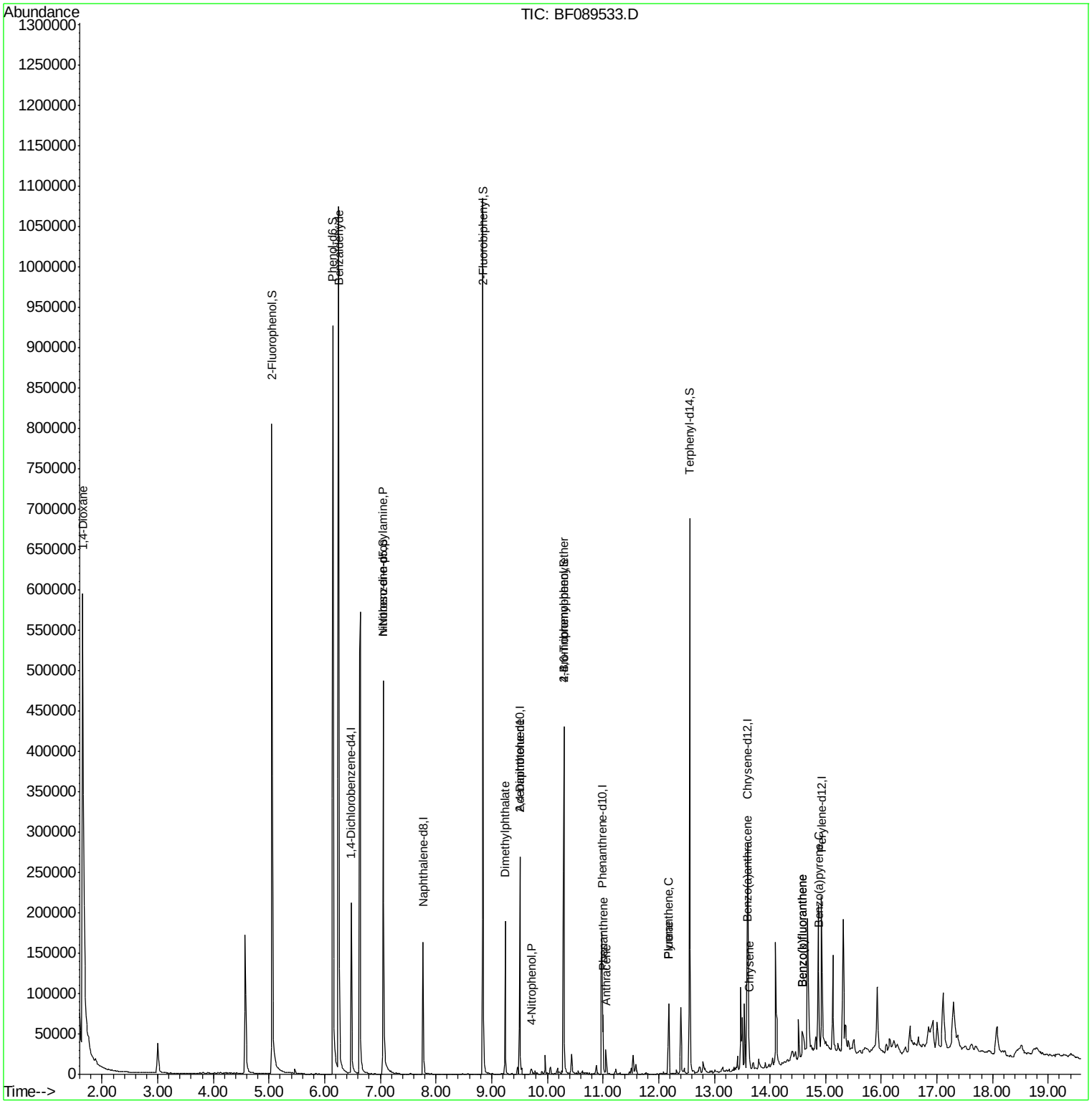
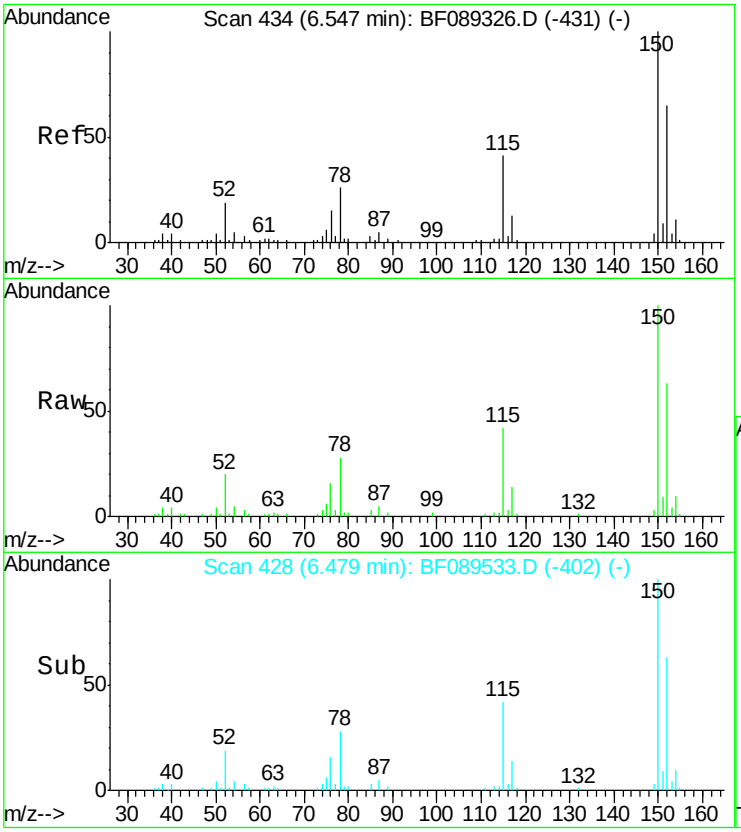


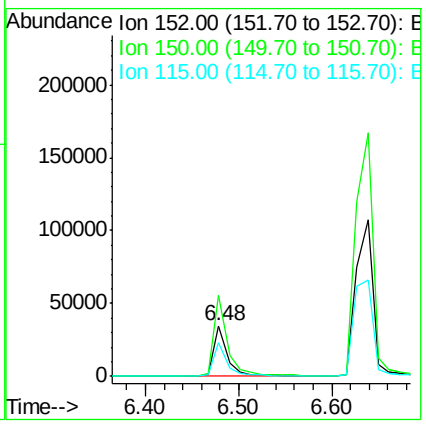


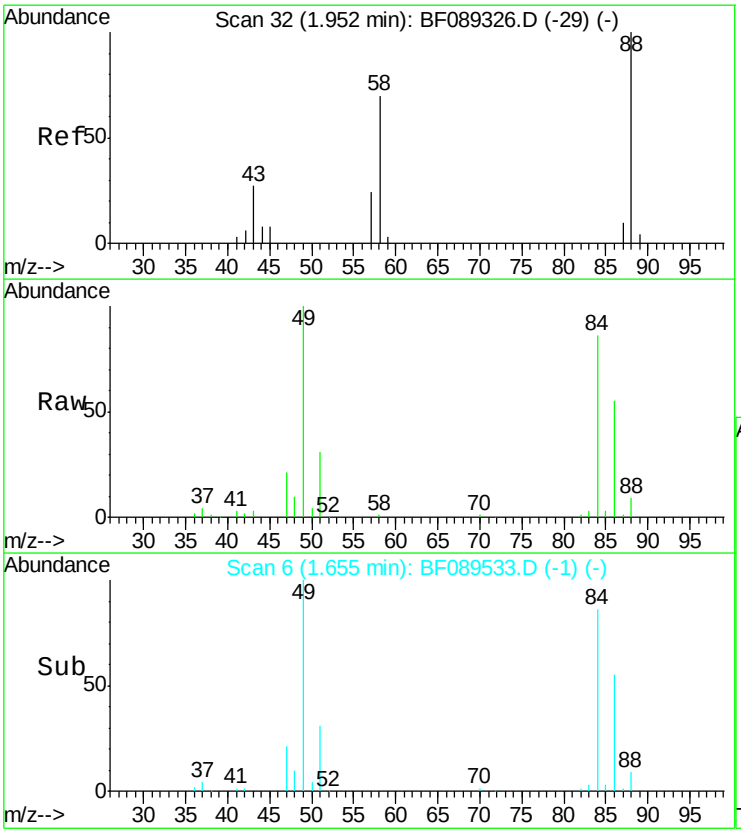
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. -0.00 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Tgt Ion:152 Resp: 36910

Ion	Ratio	Lower	Upper
152	100		
150	158.7	129.5	194.3
115	66.9	51.4	77.2

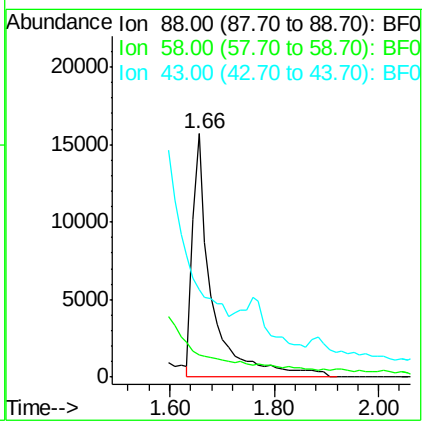


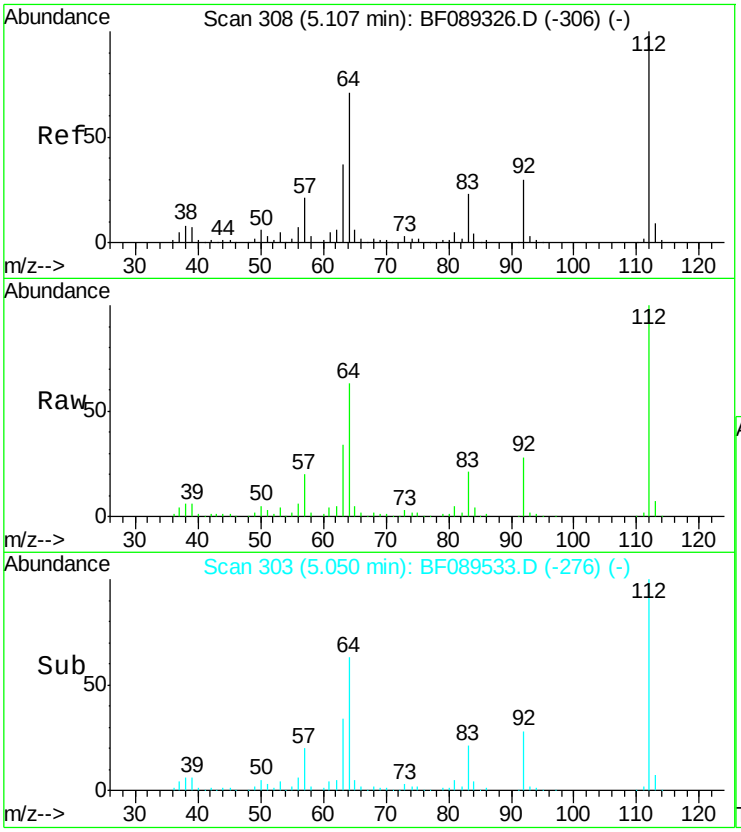


#2
1,4-Dioxane
Concen: 37.98 ng
RT: 1.66 min Scan# 6
Delta R.T. -0.19 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Tgt Ion: 88 Resp: 39965

Ion	Ratio	Lower	Upper
88	100		
58	0.0	53.2	79.8#
43	0.0	20.6	31.0#



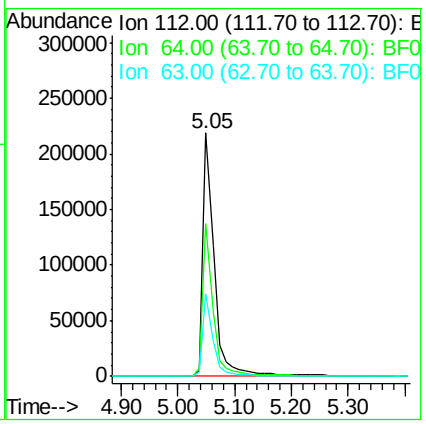


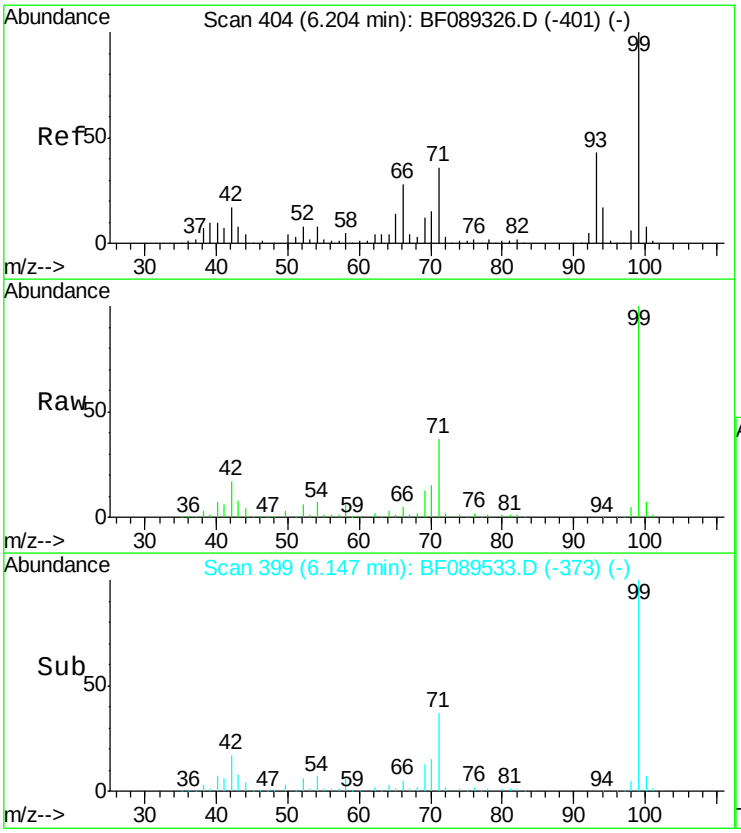
#5
2-Fluorophenol
Concen: 126.26 ng
RT: 5.05 min Scan# 303
Delta R.T. 0.01 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Tgt Ion:112 Resp: 291868

Ion	Ratio	Lower	Upper
112	100		
64	62.7	55.0	82.6
63	33.6	29.4	44.2

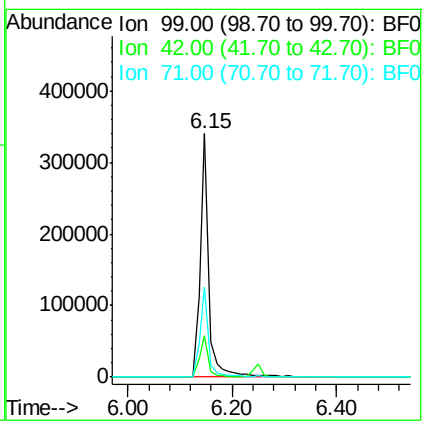


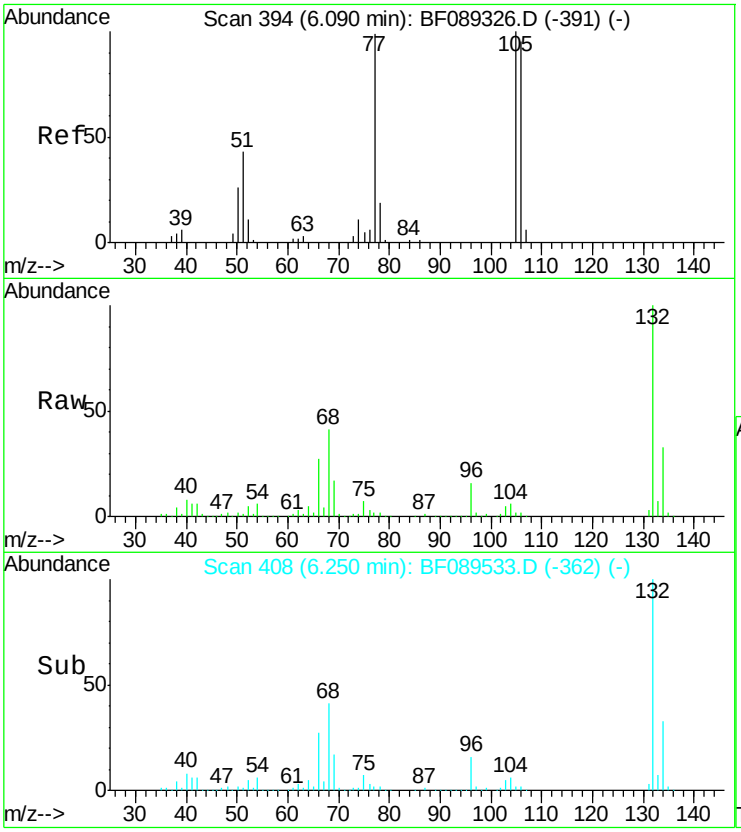


#7
Phenol-d6
Concen: 129.66 ng
RT: 6.15 min Scan# 399
Delta R.T. -0.00 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Tgt Ion: 99 Resp: 396084

Ion	Ratio	Lower	Upper
99	100		
42	17.1	13.6	20.4
71	36.9	29.4	44.2



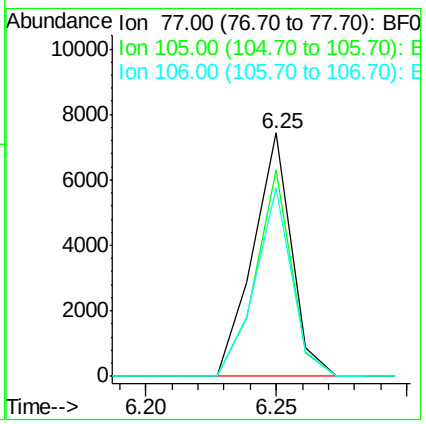


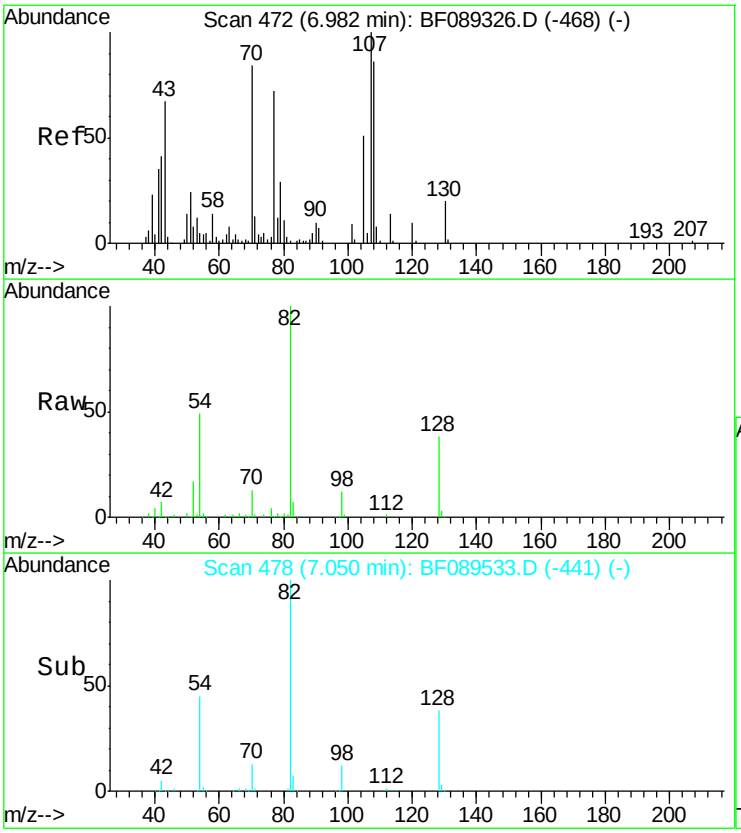
#9
Benzaldehyde
Concen: 5.15 ng
RT: 6.25 min Scan# 408
Delta R.T. 0.23 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Tgt Ion: 77 Resp: 7680

Ion	Ratio	Lower	Upper
77	100		
105	84.6	82.9	122.9
106	77.3	75.9	115.9

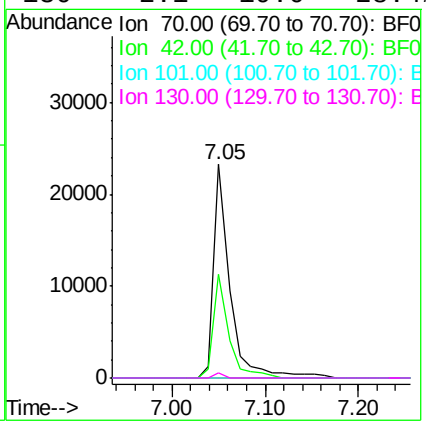


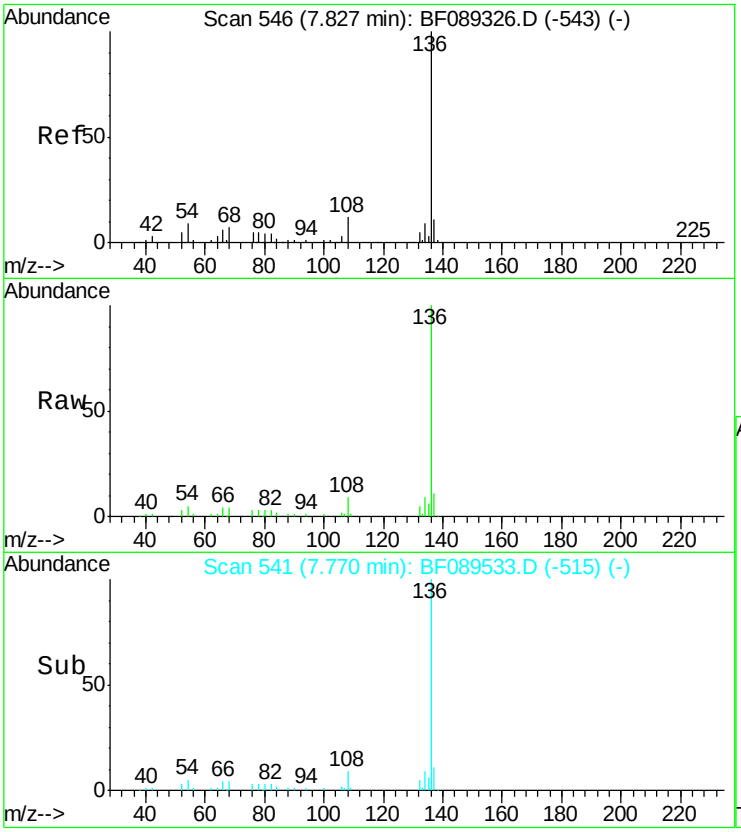


#19
n-Nitroso-di-n-propylamine
Concen: 15.36 ng
RT: 7.05 min Scan# 478
Delta R.T. 0.13 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Tgt Ion: 70 Resp: 28302

Ion	Ratio	Lower	Upper
70	100		
42	48.3	38.6	57.8
101	0.0	8.3	12.5#
130	2.1	19.0	28.4#



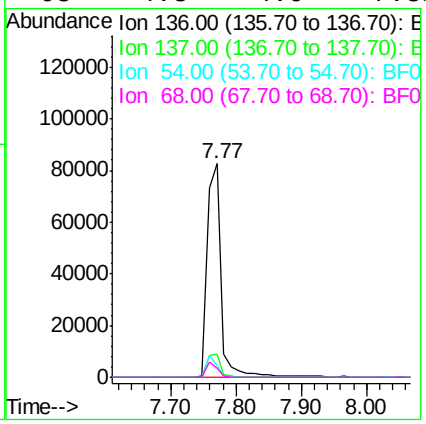


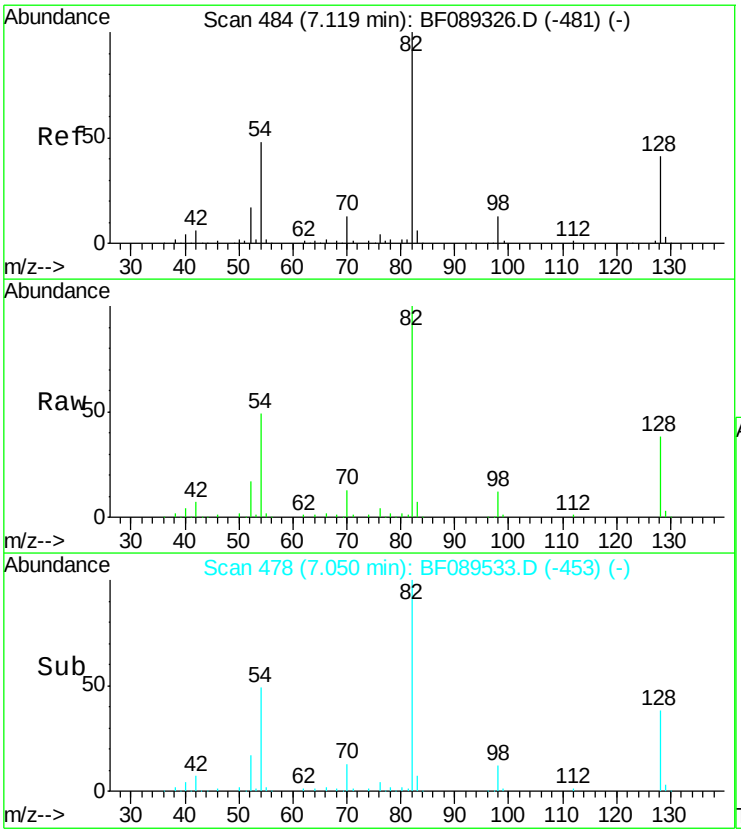
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Tgt Ion:136 Resp: 124322

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	5.3	7.0	10.4#
68	4.3	4.9	7.3#

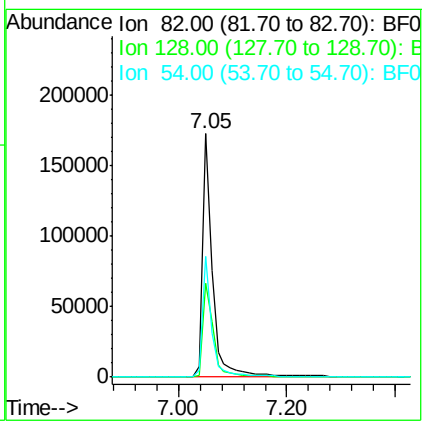


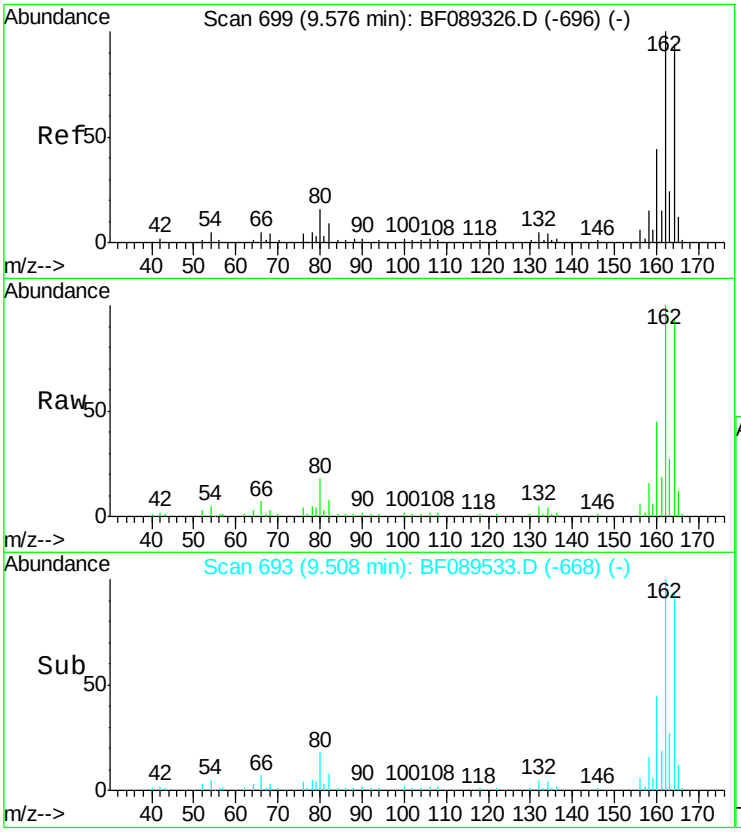


#23
Nitrobenzene-d5
Concen: 103.63 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Tgt Ion: 82 Resp: 218277

Ion	Ratio	Lower	Upper
82	100		
128	38.4	32.5	48.7
54	49.4	38.8	58.2



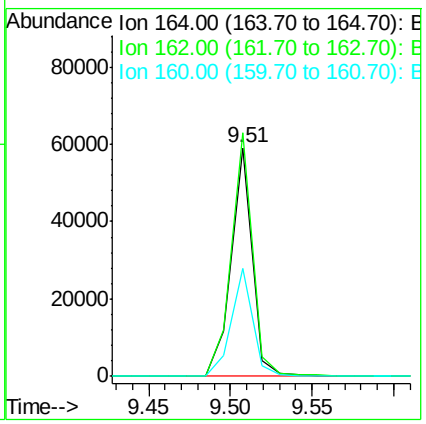


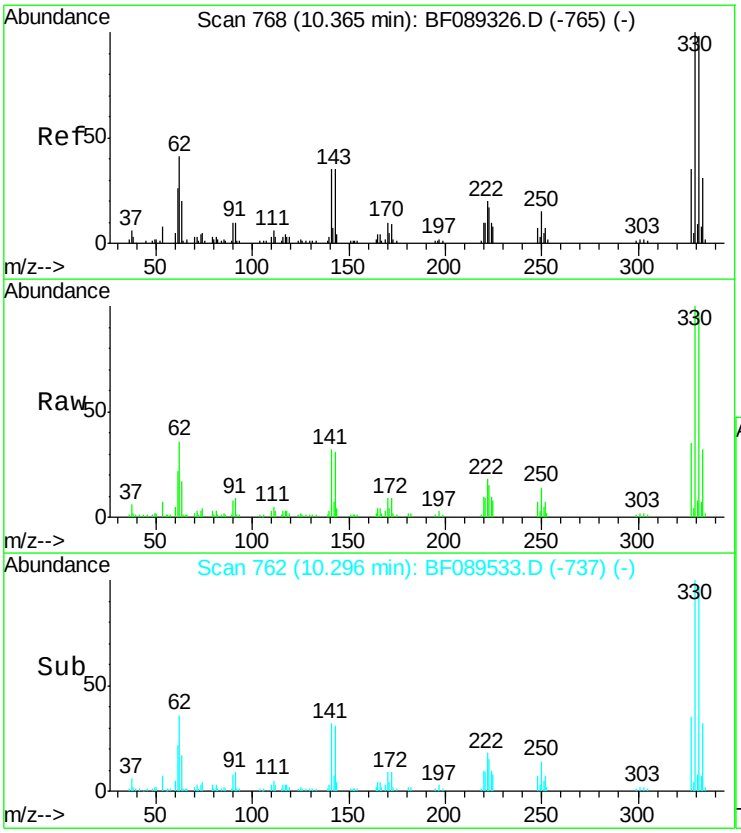
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Tgt Ion:164 Resp: 52301

Ion	Ratio	Lower	Upper
164	100		
162	106.4	83.7	125.5
160	47.4	37.8	56.6

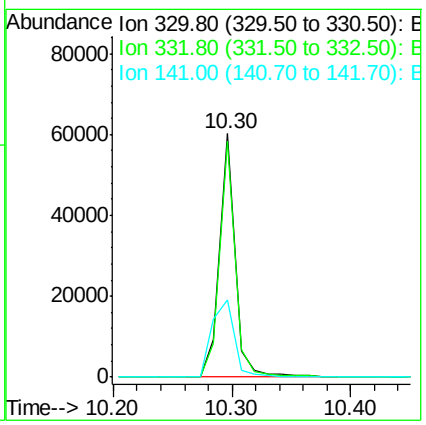


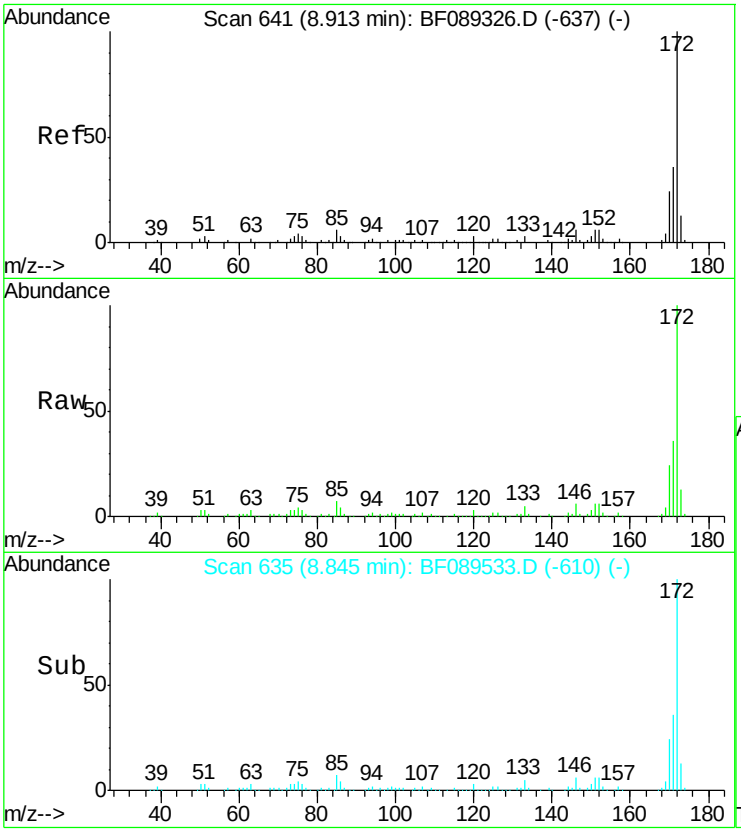


#41
2,4,6-Tribromophenol
Concen: 126.66 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Tgt Ion:330 Resp: 54863

Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.8	115.2
141	45.6	37.3	55.9



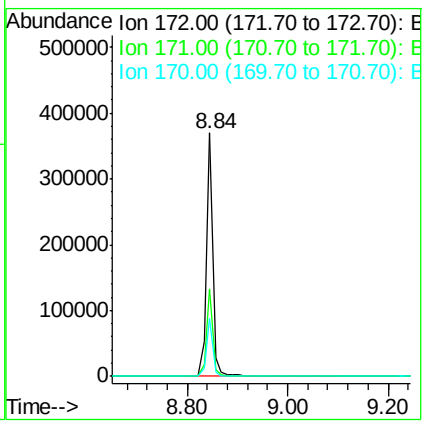


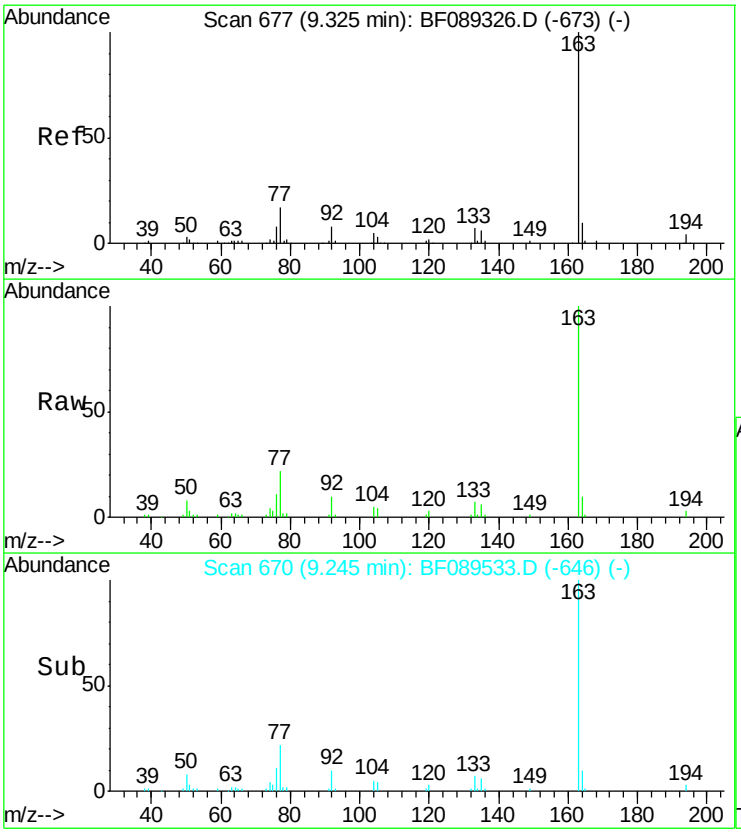
#44
2-Fluorobiphenyl
Concen: 91.68 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Tgt Ion:172 Resp: 326724

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.8	19.2	28.8

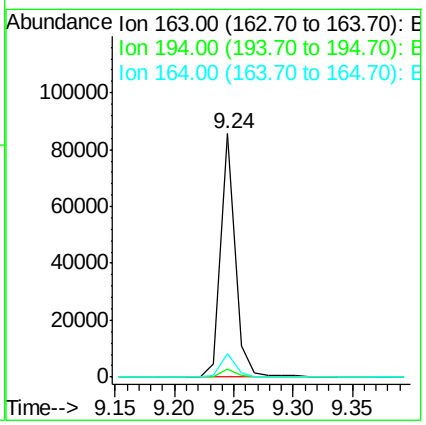


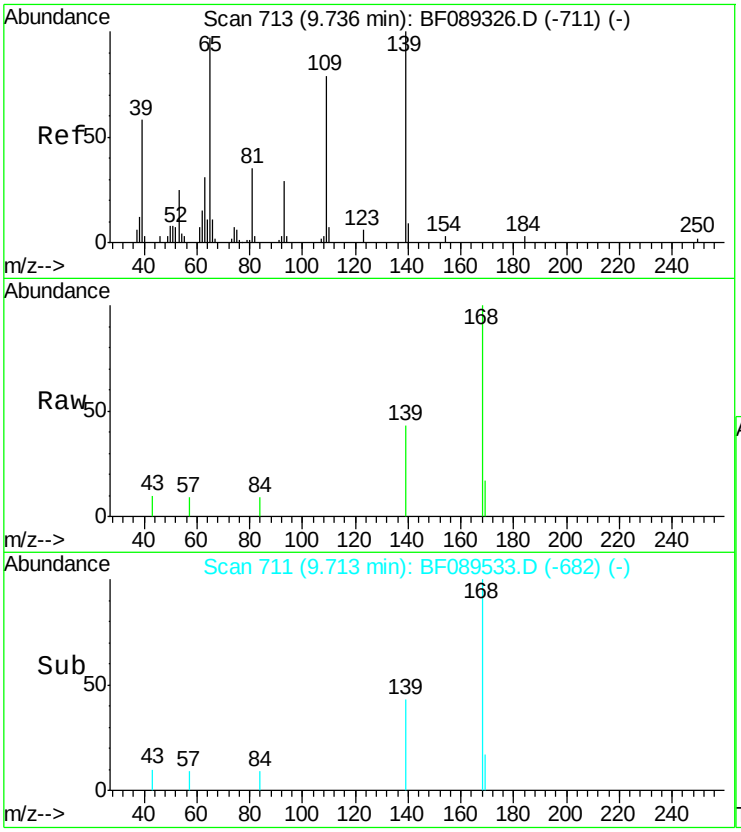


#49
Dimethylphthalate
Concen: 18.06 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Tgt Ion:163 Resp: 71882

Ion	Ratio	Lower	Upper
163	100		
194	3.2	2.8	4.2
164	9.6	7.8	11.8



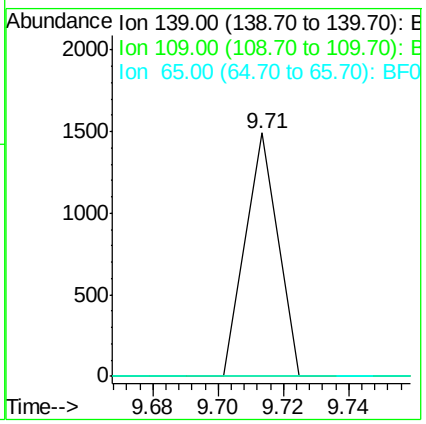


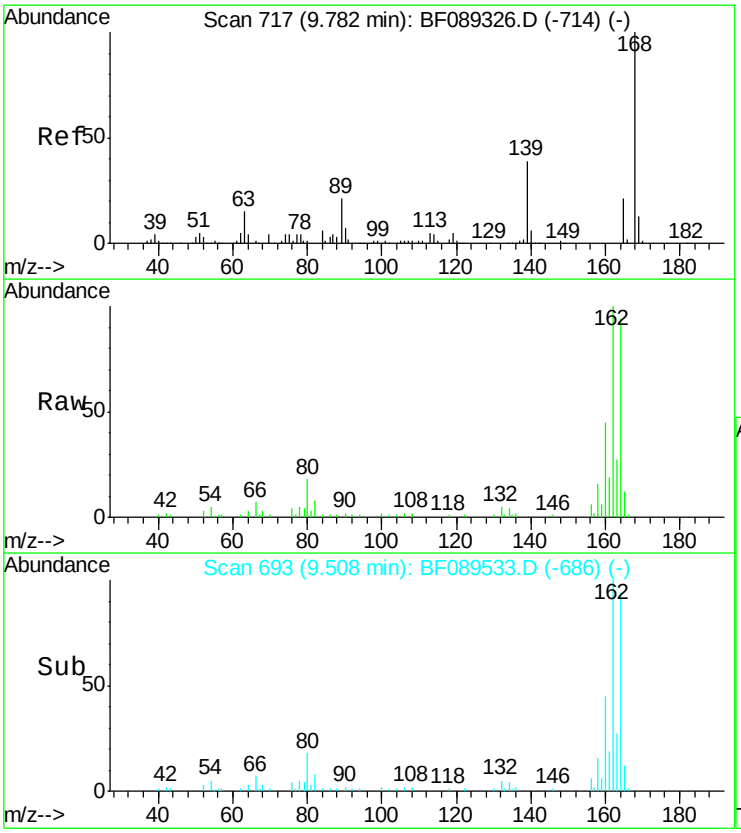
#55
4-Nitrophenol
Concen: 8.43 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.03 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Tgt Ion:139 Resp: 1023

Ion	Ratio	Lower	Upper
139	100		
109	0.0	57.8	97.8#
65	0.0	81.7	121.7#

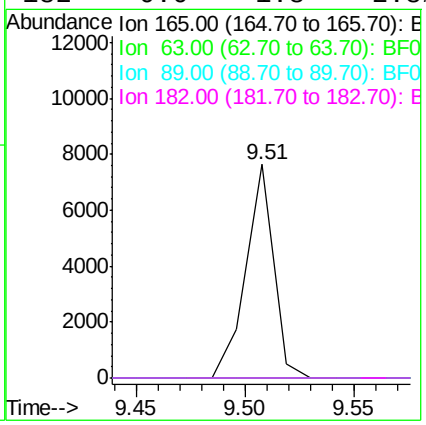


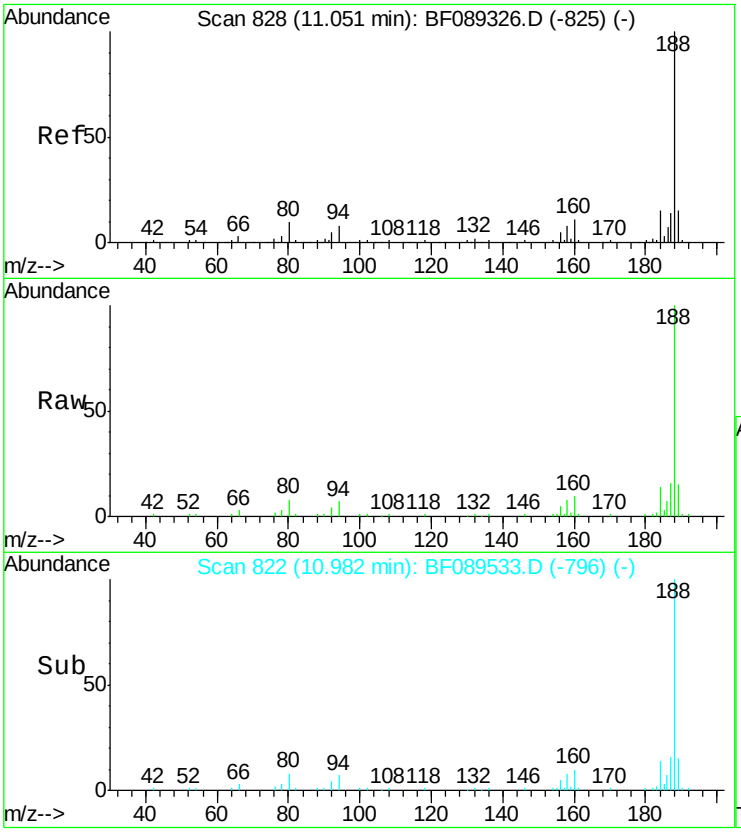


#56
2,4-Dinitrotoluene
Concen: 6.28 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.22 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Tgt Ion:165 Resp: 6766

Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#



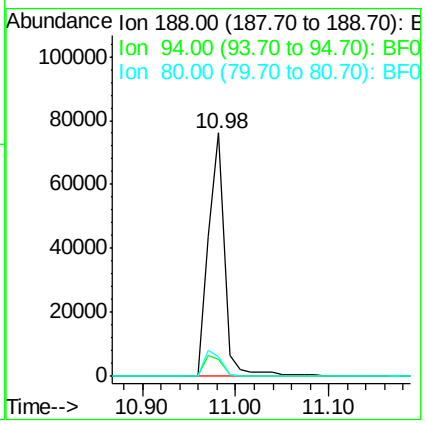


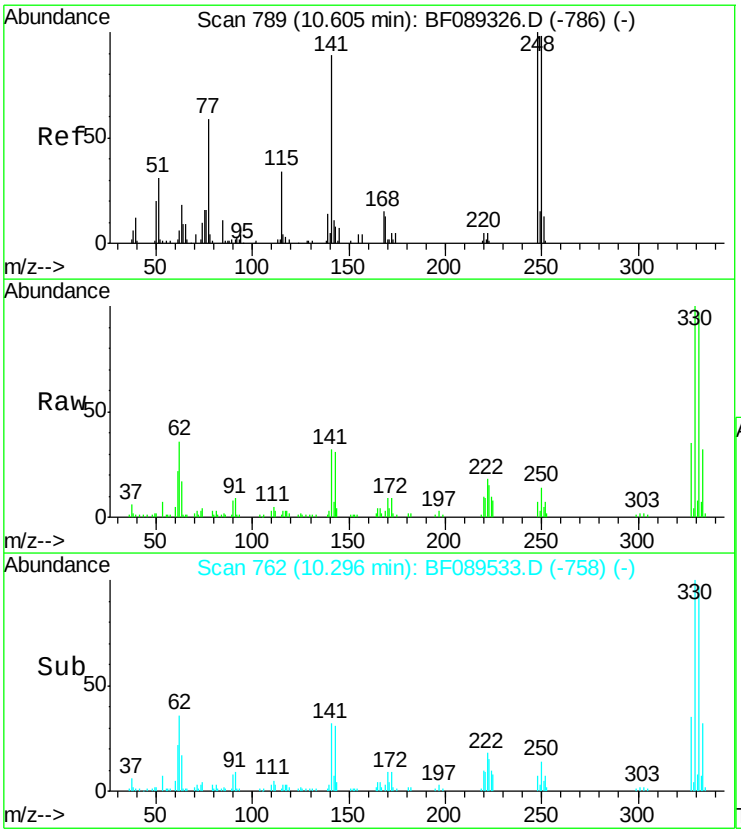
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.00 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Tgt Ion:188 Resp: 92194

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

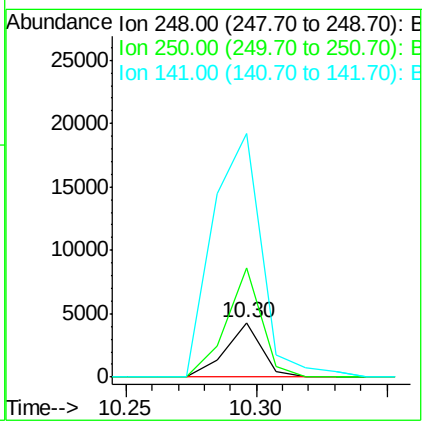


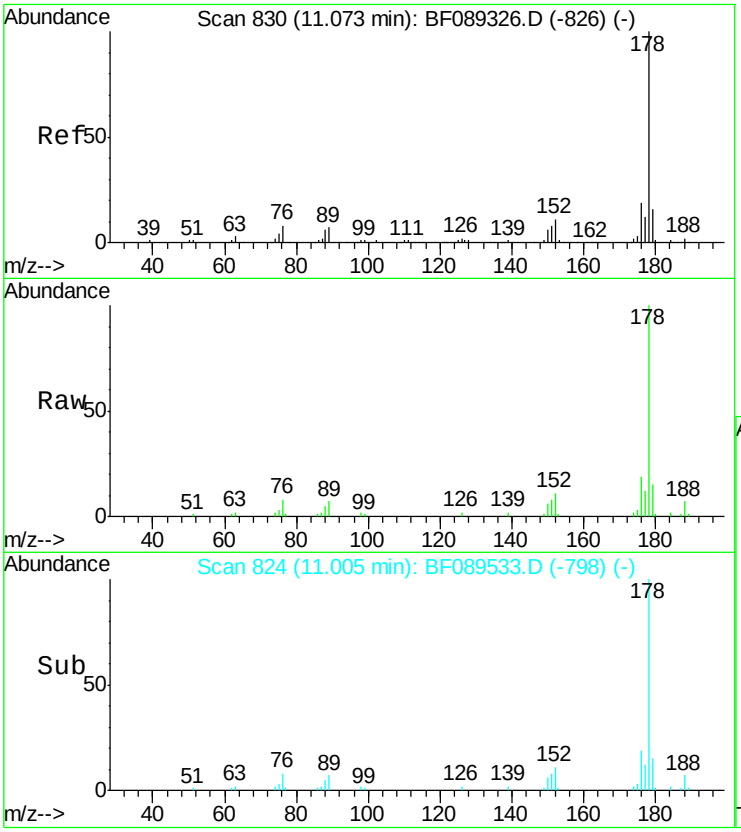


#66
4-Bromophenyl-phenylether
Concen: 4.69 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.25 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Tgt Ion:248 Resp: 4125

Ion	Ratio	Lower	Upper
248	100		
250	201.2	78.2	117.2#
141	447.7	62.0	93.0#



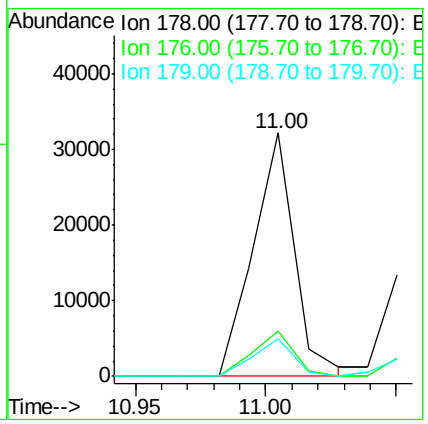


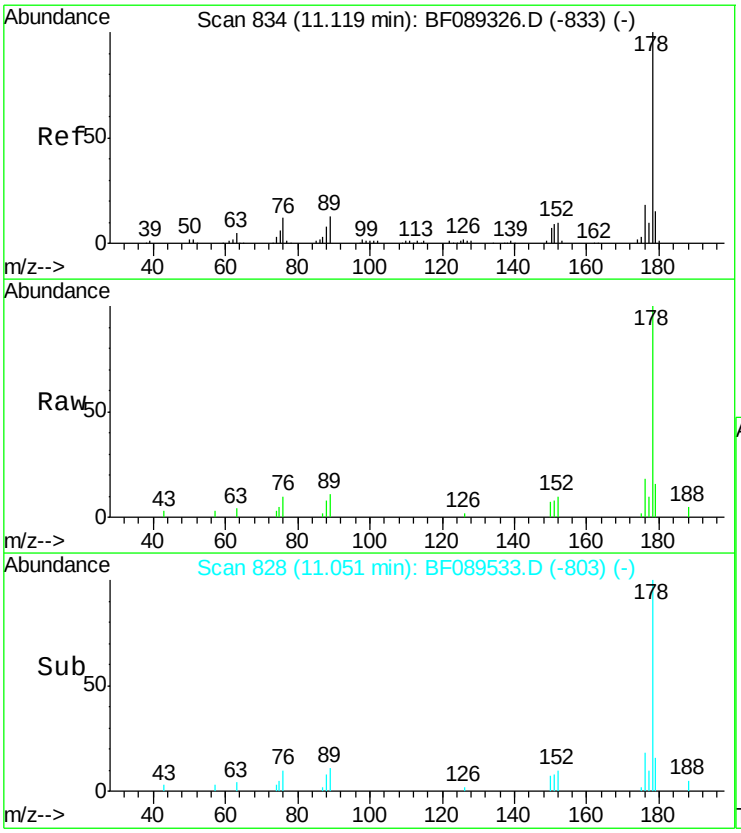
#70
Phenanthrene
Concen: 7.38 ng
RT: 11.00 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Tgt Ion:178 Resp: 35068

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.5	23.3
179	15.4	12.3	18.5

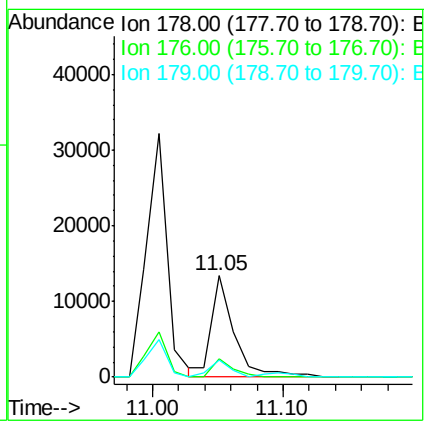


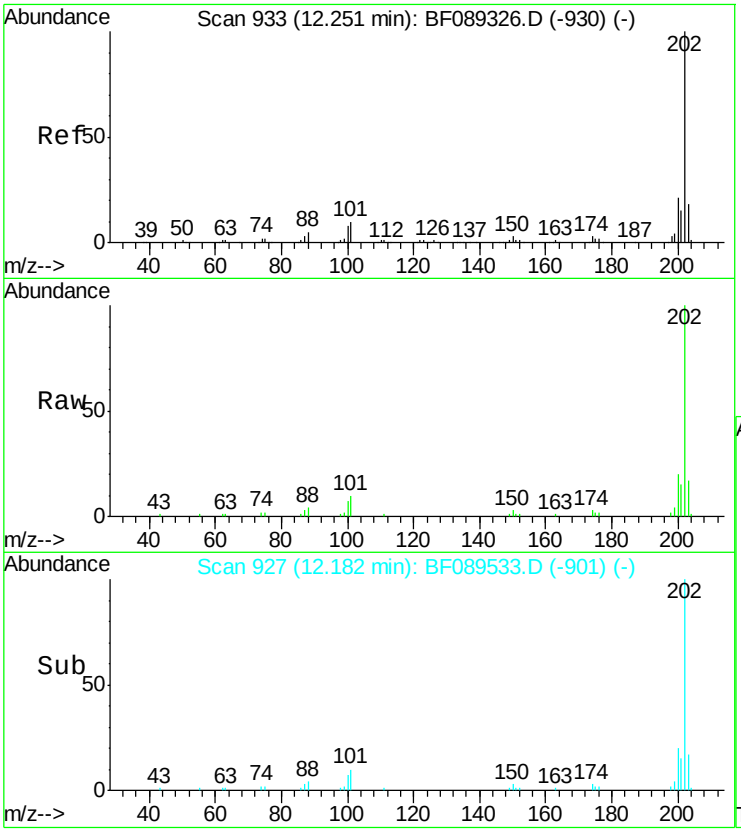


#71
Anthracene
Concen: 3.16 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Tgt Ion:178 Resp: 16695

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.8	22.2
179	16.3	12.6	18.8



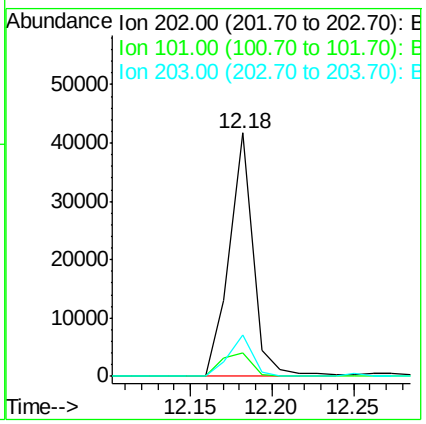


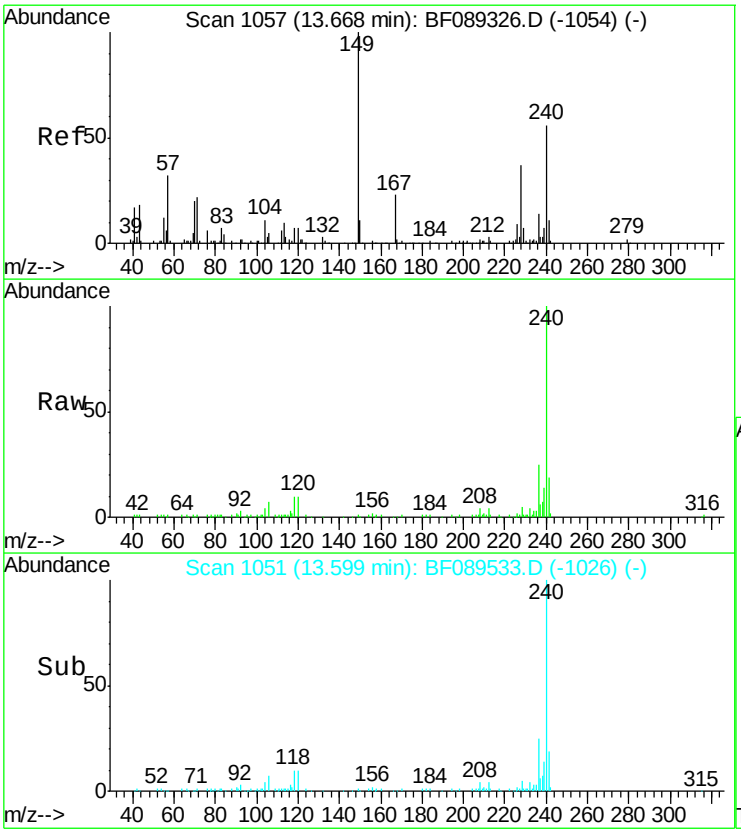
#74
Fluoranthene
Concen: 8.45 ng
RT: 12.18 min Scan# 927
Delta R.T. -0.00 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Tgt Ion:202 Resp: 42283

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.9
203	17.0	0.0	37.3

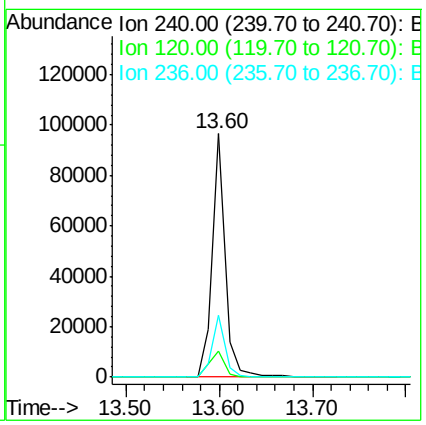


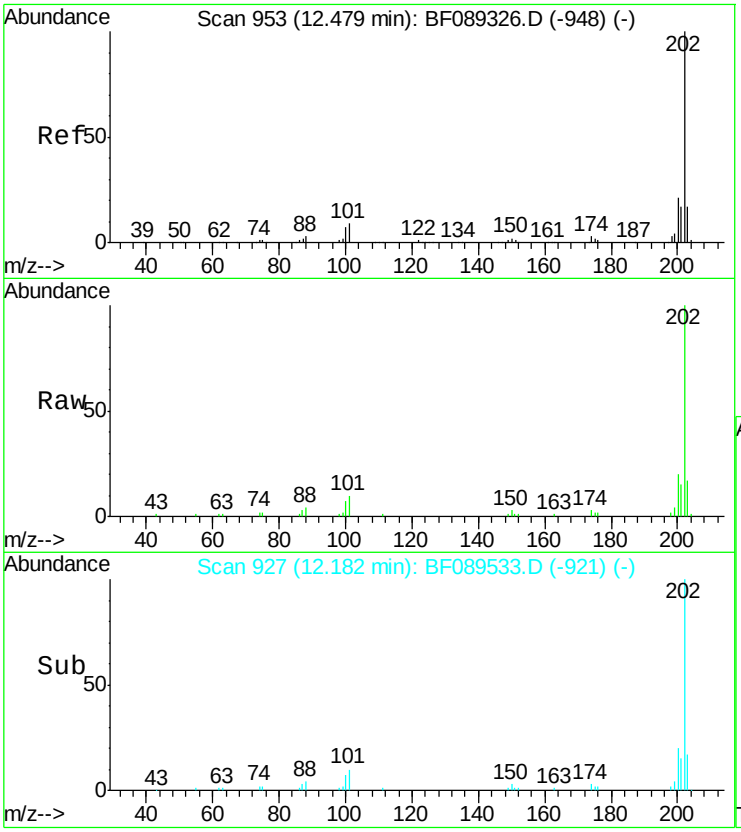


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.60 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Tgt Ion:240 Resp: 93964

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.1	13.7
236	25.3	20.6	30.8



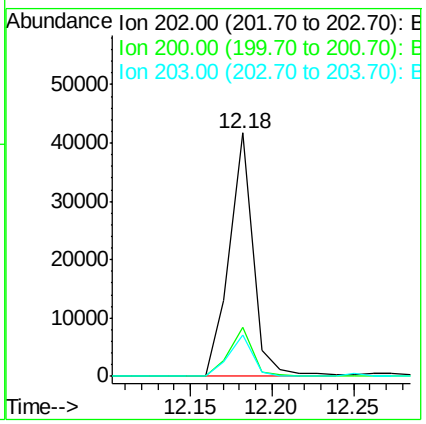


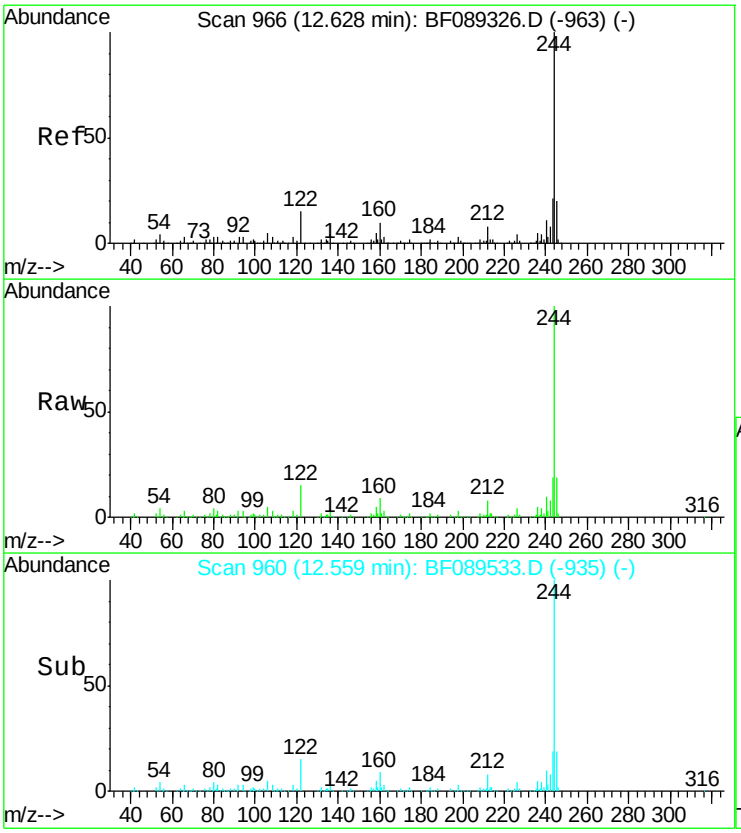
#77
Pyrene
Concen: 5.94 ng
RT: 12.18 min Scan# 927
Delta R.T. -0.23 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Instrument :
BNA_F
ClientSampleId :
SB-64-5.0-6.0

Tgt Ion:202 Resp: 42283

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.9	25.3
203	17.0	14.0	21.0





#78
Terphenyl-d14
Concen: 51.87 ng
RT: 12.56 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF089533.D
Acq: 2 Aug 2016 2:26

Tgt Ion:244 Resp: 208264

Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.5	9.7
122	14.7	11.4	17.0