Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LSS-SB-SB02(0-2ft)

Quant Time: Jul 19 03:15:24 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	6.64	152	56844	20.00	ng		-0.07
21) Naphthalene-d8	7.93	136	221411	20.00	ng		-0.07
38) Acenaphthene-d10	9.68	164	88987	20.00	ng		-0.07
63) Phenanthrene-d10	11.15	188	140060	20.00	ng		-0.07
75) Chrysene-d12	13.77	240	104720	20.00	ng		-0.08
86) Perylene-d12	15.14	264	96720	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	284641	75.05	ng		-0.06
7) Phenol-d6	6.30	99	371954	75.90	ng		-0.06
23) Nitrobenzene-d5	7.21	82	245001	57.99	ng		-0.07
41) 2,4,6-Tribromophenol	10.46	330	45915	55.56	ng		-0.08
44) 2-Fluorobiphenyl	9.00	172	310640	55.14	ng		-0.07
78) Terphenyl-d14	12.73	244	154641	32.89	ng		-0.07
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	33395	10.14	ng	#	71
49) Dimethylphthalate	9.40	163	117269	18.50	ng		99
56) 2,4-Dinitrotoluene	9.67	165	11939	6.50	ng	#	36
57) Fluorene	10.22	166	12637	2.22	ng		97
66) 4-Bromophenyl-phenylether	10.46	248	3651	2.59	ng	#	1
70) Phenanthrene	11.18	178	115129	15.04	ng		98
71) Anthracene	11.22	178	33629	4.42	ng		99
74) Fluoranthene	12.35	202	170015	21.90	ng		98
77) Pyrene	12.58	202	182656	20.57	ng		98
80) Benzo(a)anthracene	13.76	228	98480	14.60	ng		92
82) Chrysene	13.76	228	98480	14.76	ng		97
85) Indeno(1,2,3-cd)pyrene	16.39	276	36681	7.15	ng	#	100
87) Benzo(b)fluoranthene	14.77	252	125312	20.65	ng	#	92
88) Benzo(k)fluoranthene	14.77	252	125312	23.72	ng		97
89) Benzo(a)pyrene	15.09	252	79048	15.39	ng		96
91) Benzo(g,h,i)perylene	16.77	276	48978	11.03	ng		93

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071816\
Data File : BF089088.D
Acq On : 18 Jul 2016 18:10
Operator : UM/SJ
Sample : H3951-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Quant Time: Jul 19 03:15:24 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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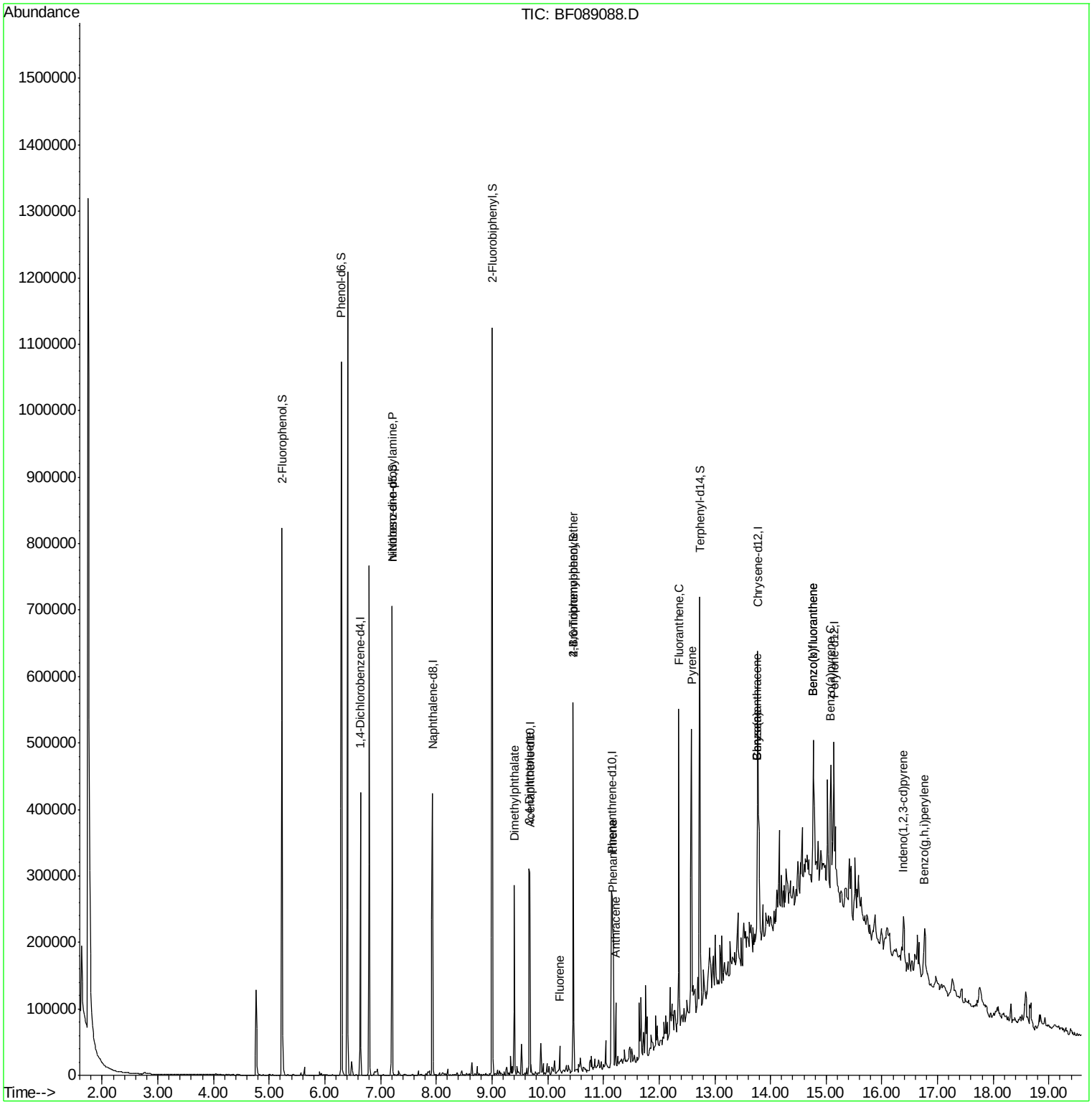
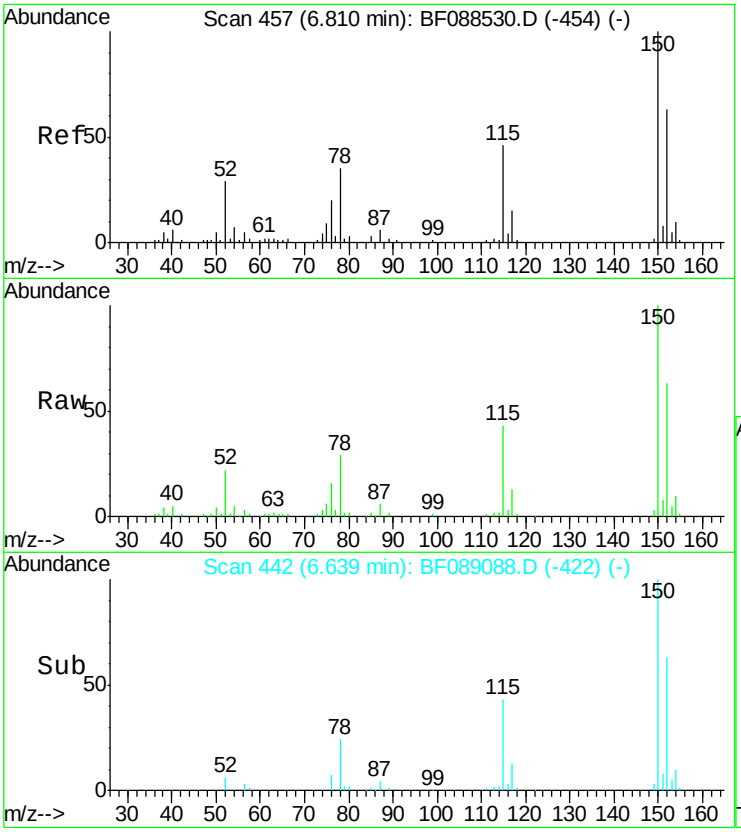


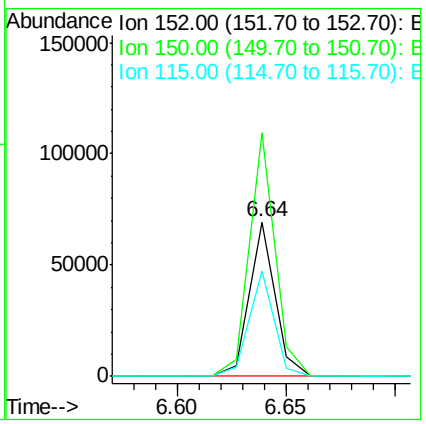


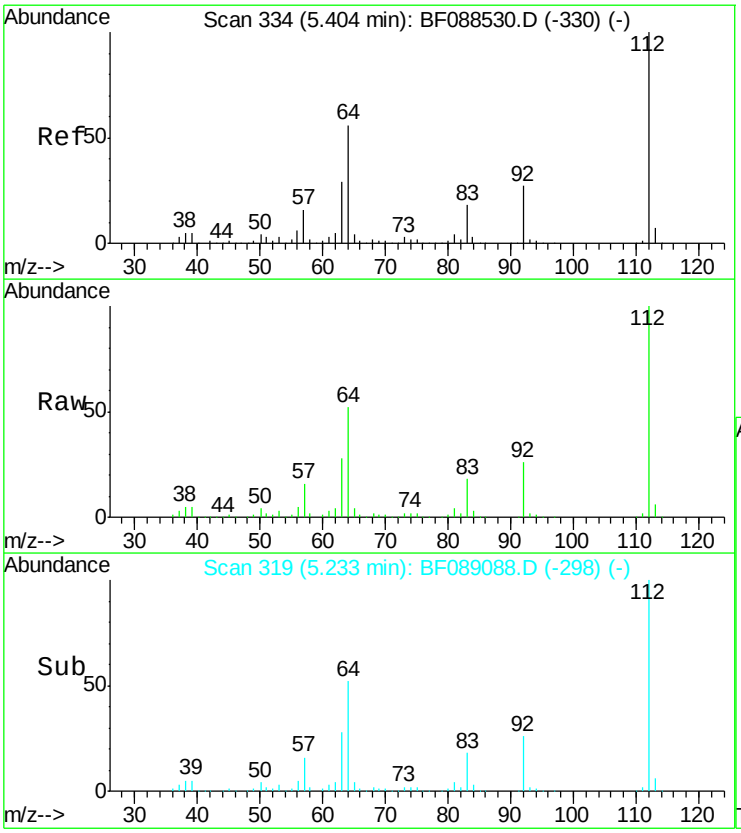
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.64 min Scan# 442
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:152 Resp: 56844

Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.8	185.6
115	68.2	39.6	59.4#

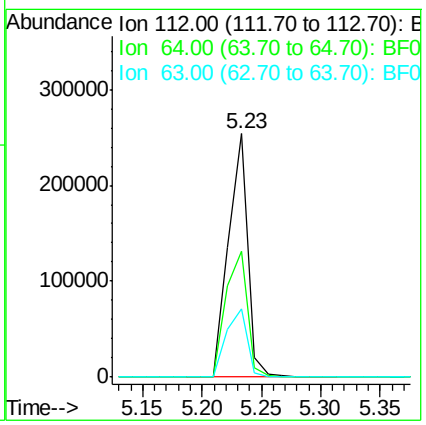


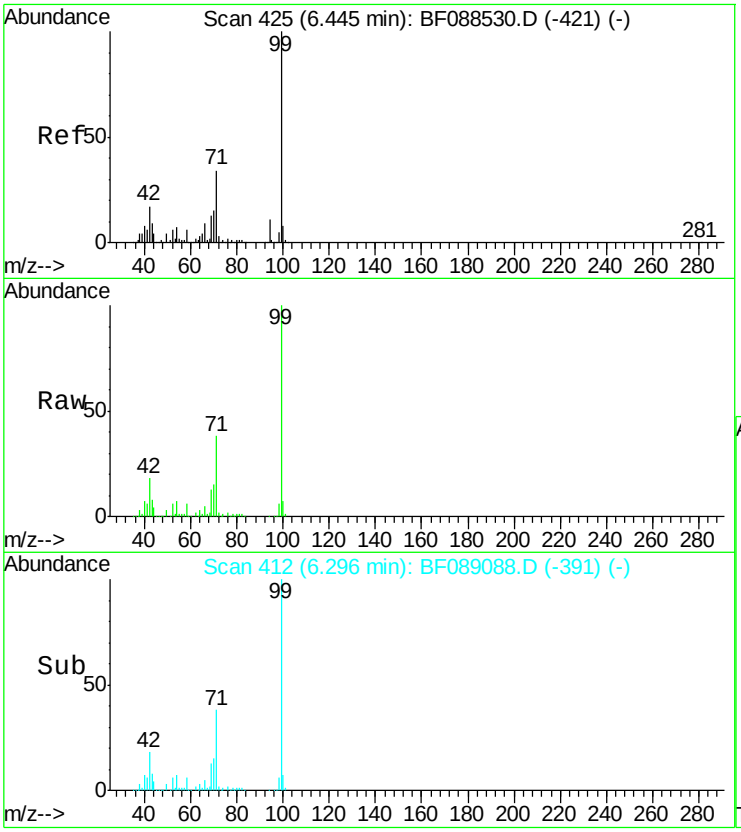


#5
2-Fluorophenol
Concen: 75.05 ng
RT: 5.23 min Scan# 319
Delta R.T. -0.06 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:112 Resp: 284641

Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.2	63.2
63	27.9	21.8	32.8



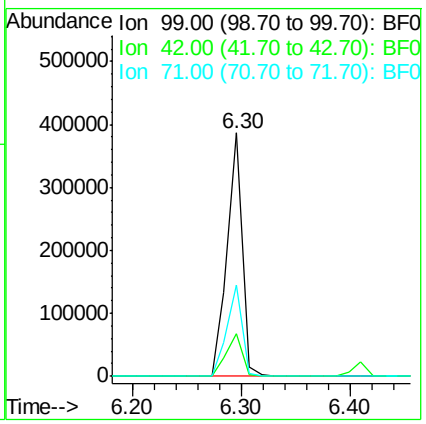


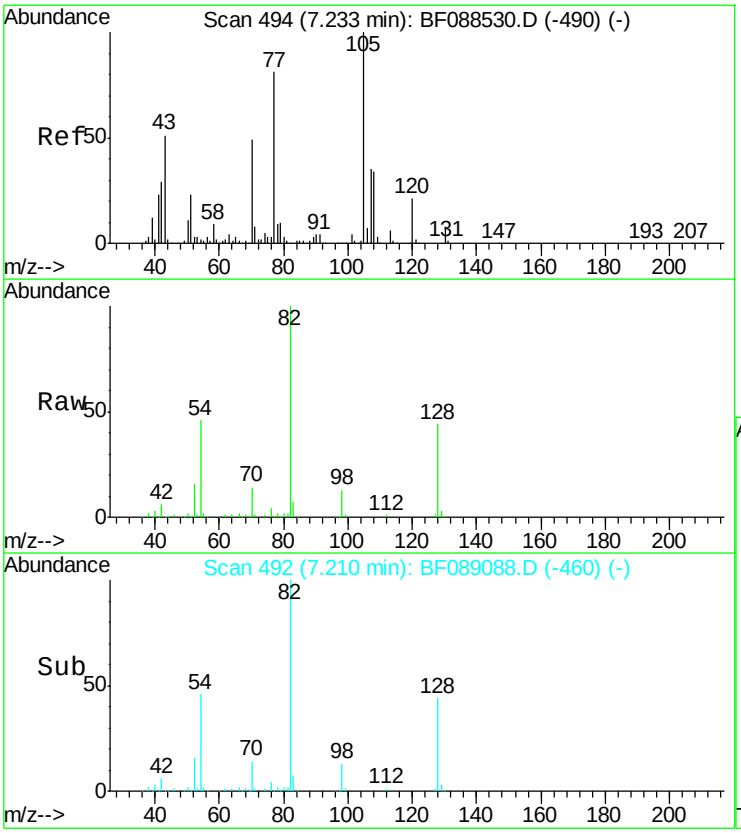
#7
Phenol-d6
Concen: 75.90 ng
RT: 6.30 min Scan# 412
Delta R.T. -0.06 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion: 99 Resp: 371954

Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	37.6	23.4	35.0#

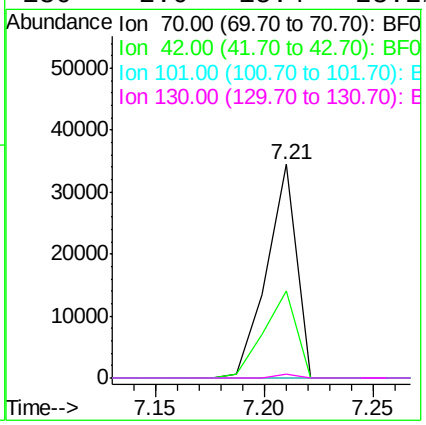


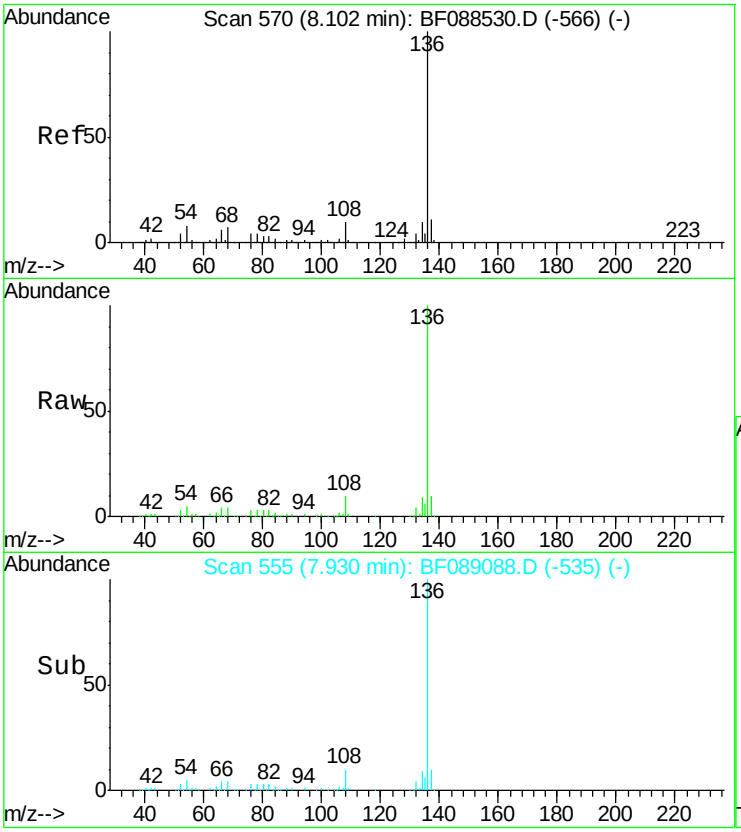


#19
n-Nitroso-di-n-propylamine
Concen: 10.14 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion: 70 Resp: 33395

Ion	Ratio	Lower	Upper
70	100		
42	41.0	49.6	74.4#
101	0.0	7.1	10.7#
130	2.0	15.4	23.2#



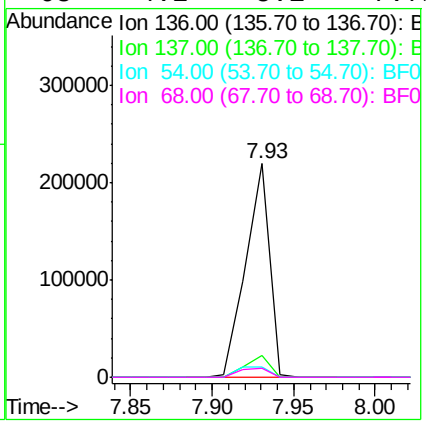


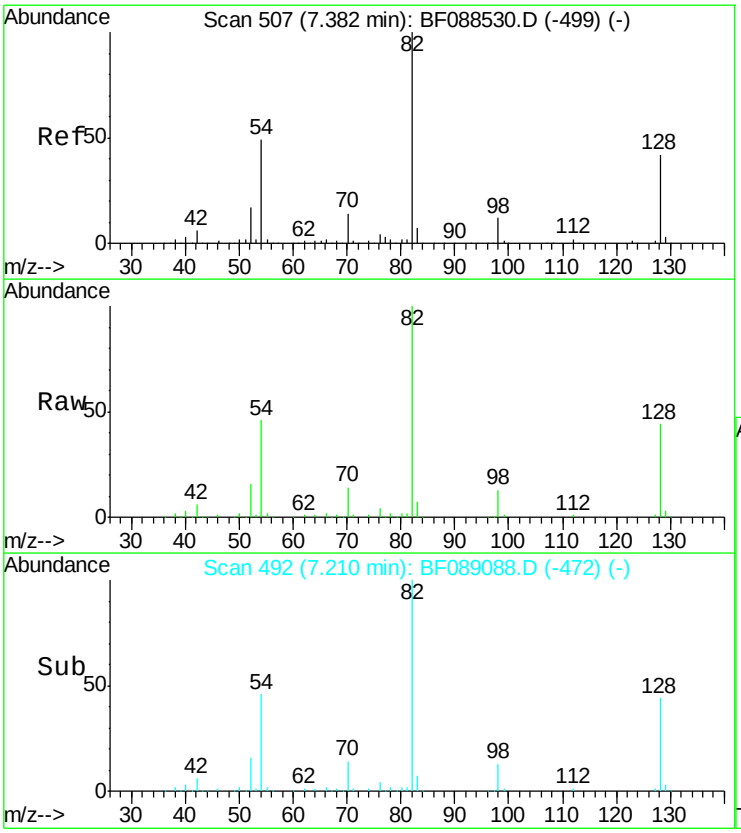
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:136 Resp: 221411

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.1	13.7
54	5.0	6.6	10.0#
68	4.2	5.1	7.7#

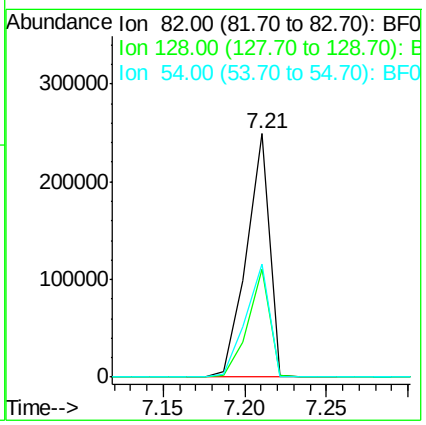


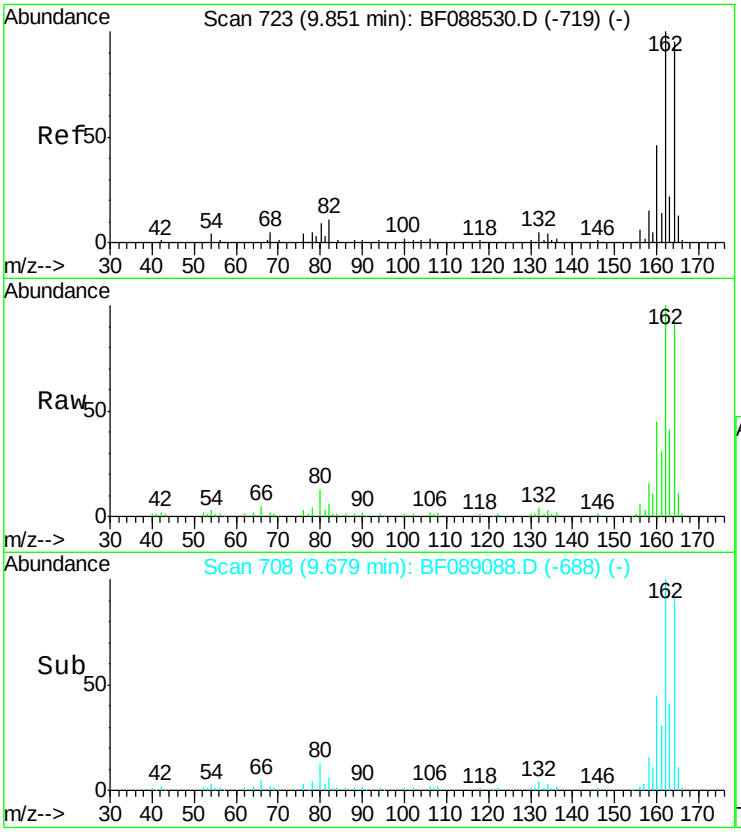


#23
Nitrobenzene-d5
Concen: 57.99 ng
RT: 7.21 min Scan# 492
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion: 82 Resp: 245001

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.9	53.9
54	46.2	40.9	61.3



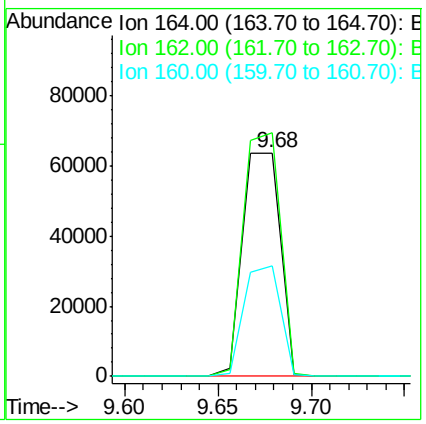


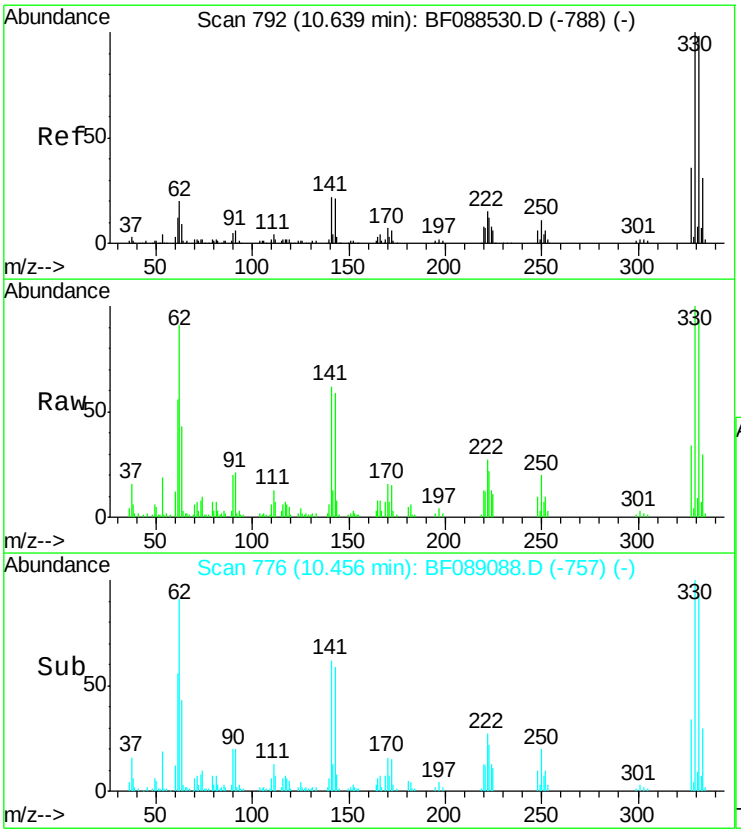
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 708
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:164 Resp: 88987

Ion	Ratio	Lower	Upper
164	100		
162	109.1	85.4	128.2
160	49.5	39.5	59.3

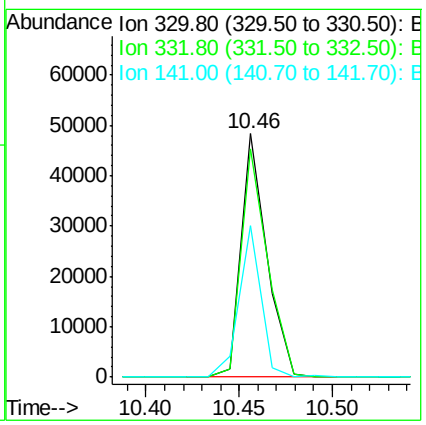


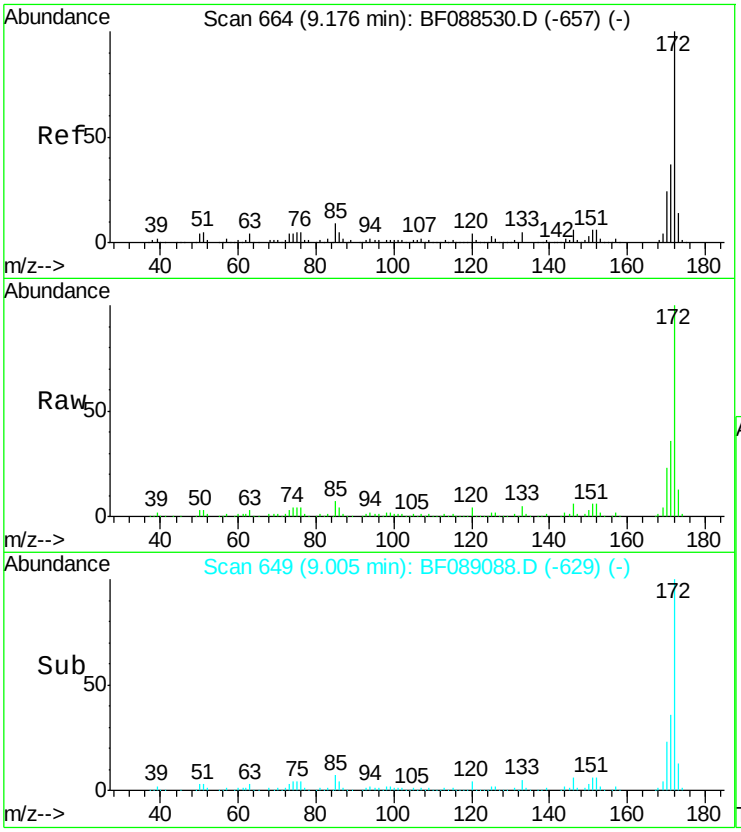


#41
2,4,6-Tribromophenol
Concen: 55.56 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.08 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:330 Resp: 45915

Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	54.6	0.0	0.0#



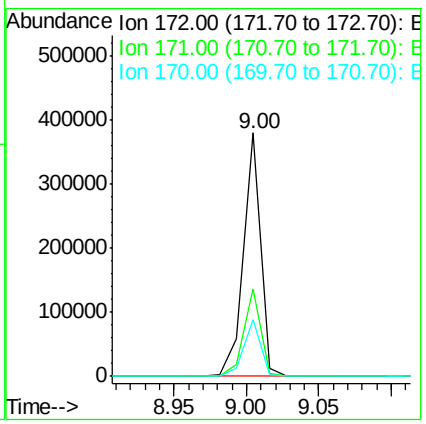


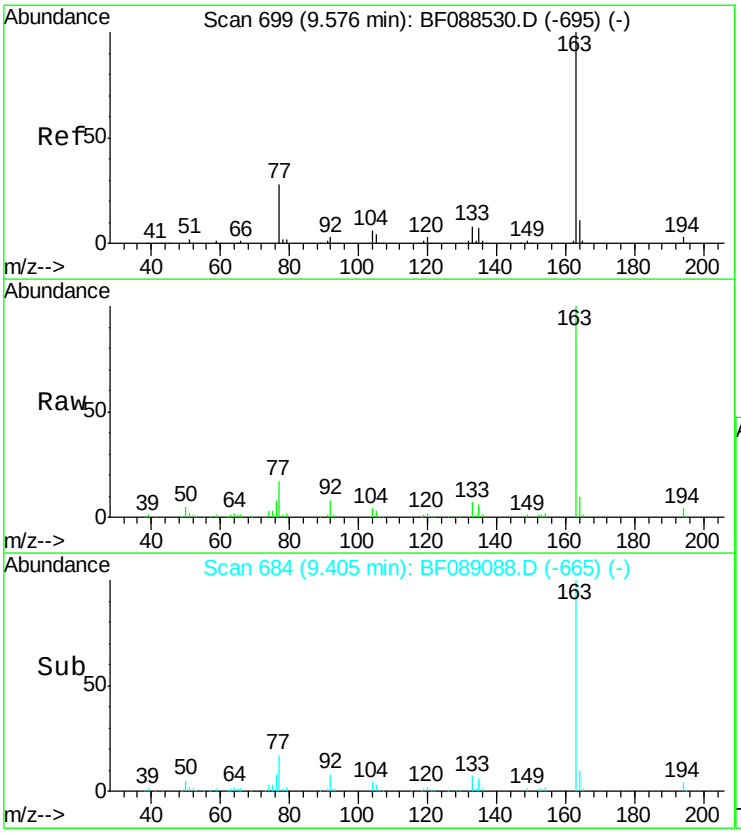
#44
2-Fluorobiphenyl
Concen: 55.14 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:172 Resp: 310640

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.3	19.2	28.8

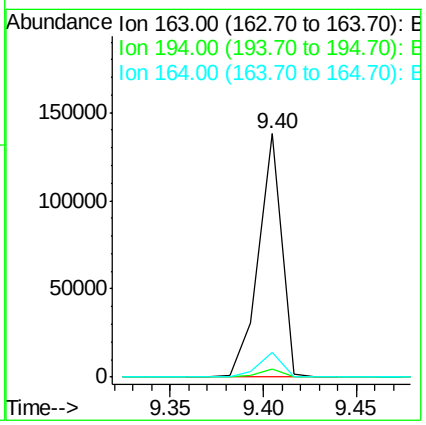


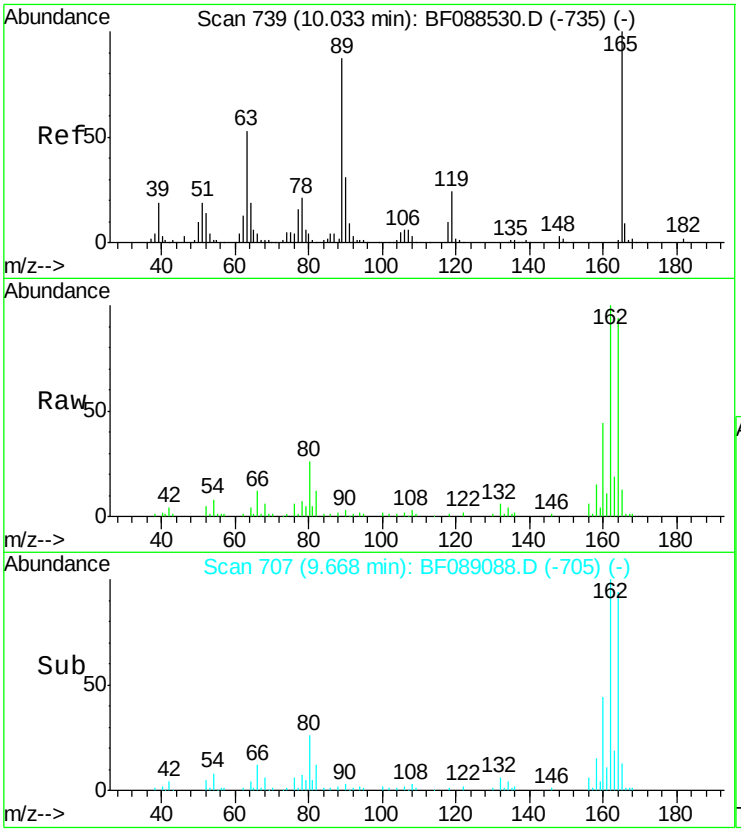


#49
Dimethylphthalate
Concen: 18.50 ng
RT: 9.40 min Scan# 684
Delta R.T. -0.08 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:163 Resp: 117269

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.8	4.2
164	10.0	8.3	12.5



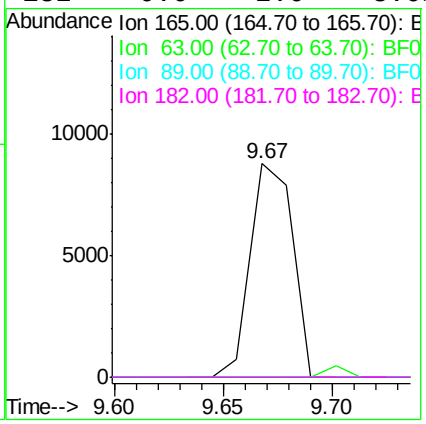


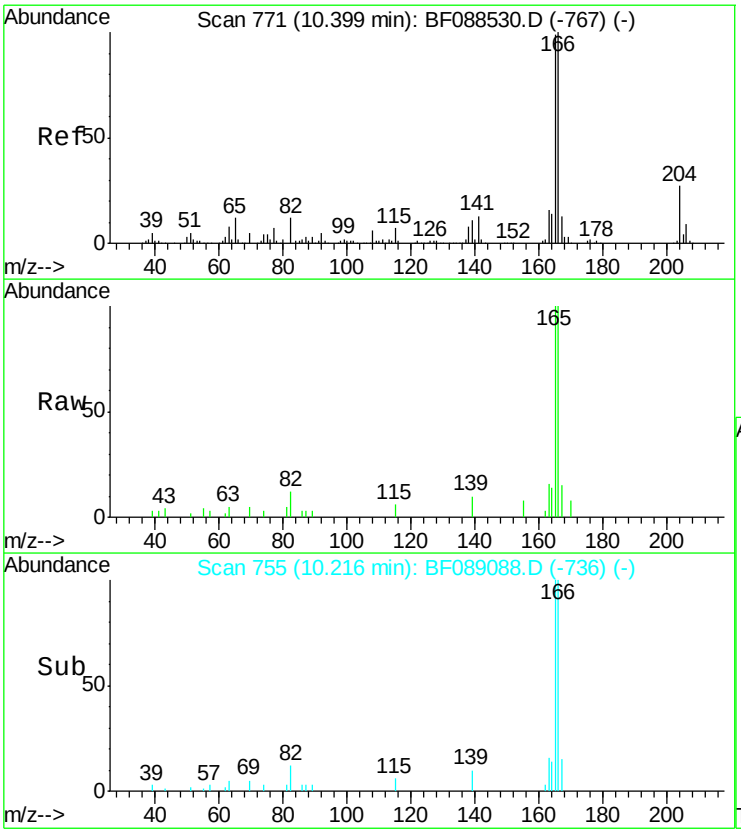
#56
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.27 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:165 Resp: 11939

Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#

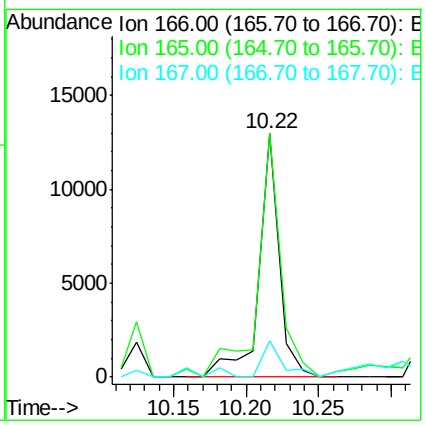


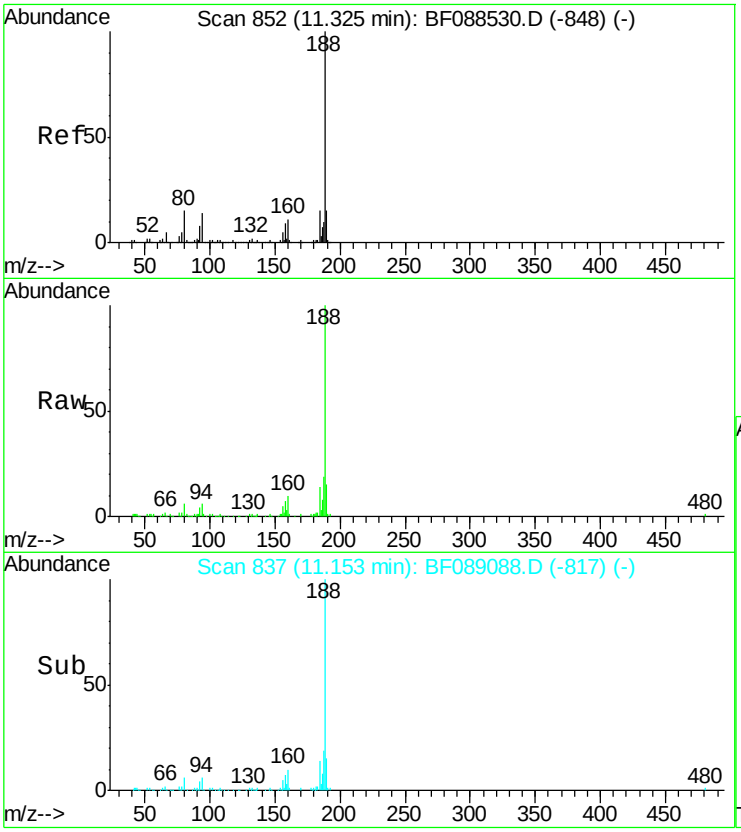


#57
Fluorene
Concen: 2.22 ng
RT: 10.22 min Scan# 755
Delta R.T. -0.08 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:166 Resp: 12637

Ion	Ratio	Lower	Upper
166	100		
165	99.9	77.8	116.8
167	14.9	11.2	16.8



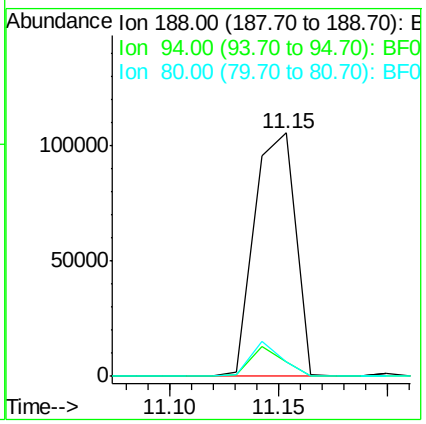


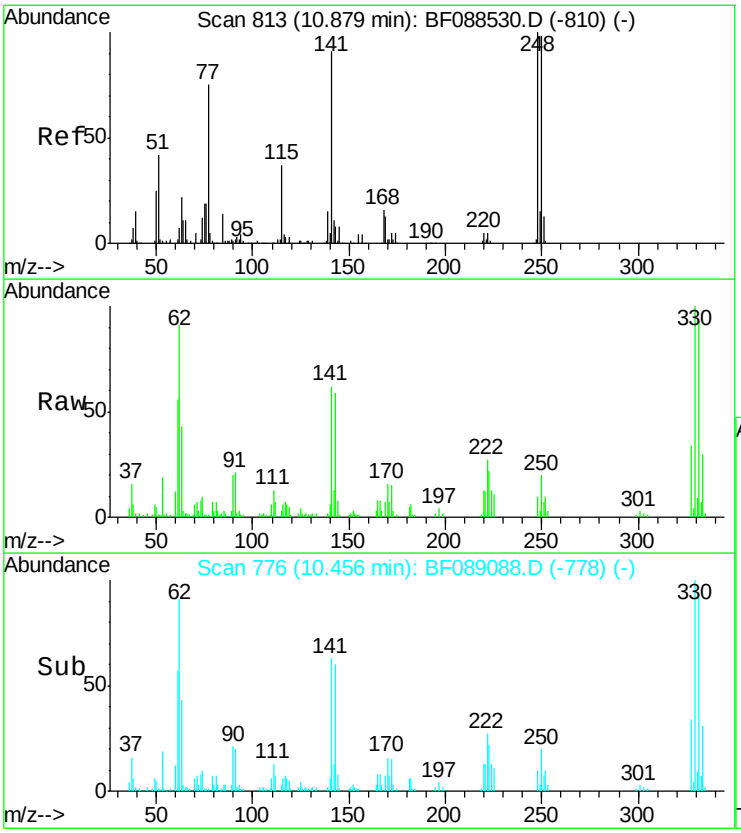
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:188 Resp: 140060

Ion	Ratio	Lower	Upper
188	100		
94	5.9	9.0	13.6#
80	6.1	10.0	15.0#

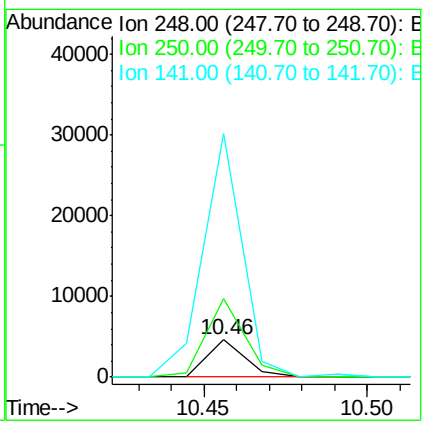


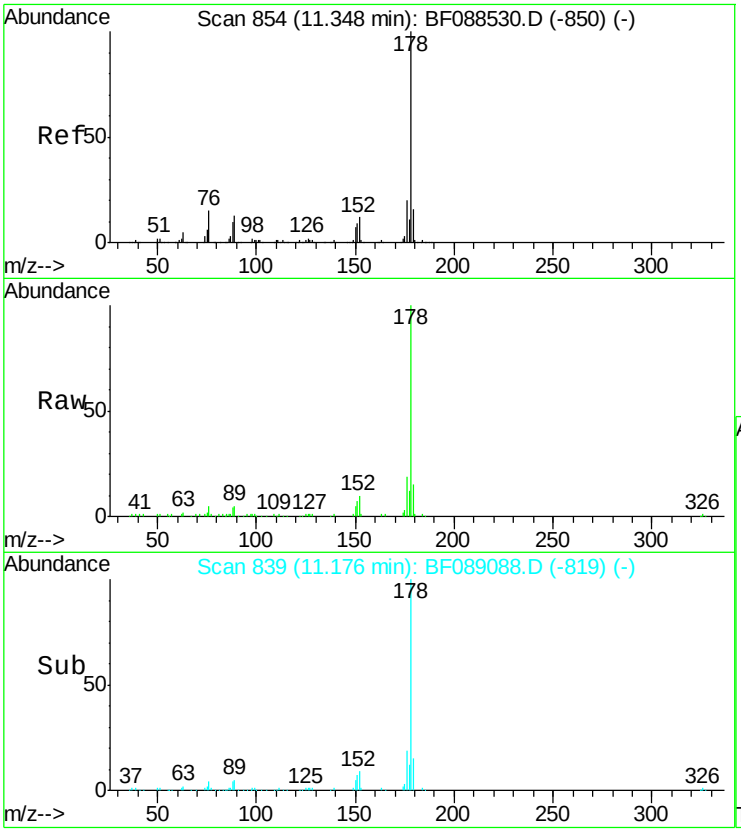


#66
4-Bromophenyl-phenylether
Concen: 2.59 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.32 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:248 Resp: 3651

Ion	Ratio	Lower	Upper
248	100		
250	210.4	77.1	115.7#
141	651.6	50.6	76.0#



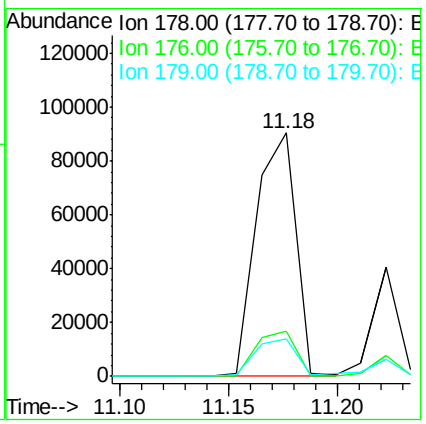


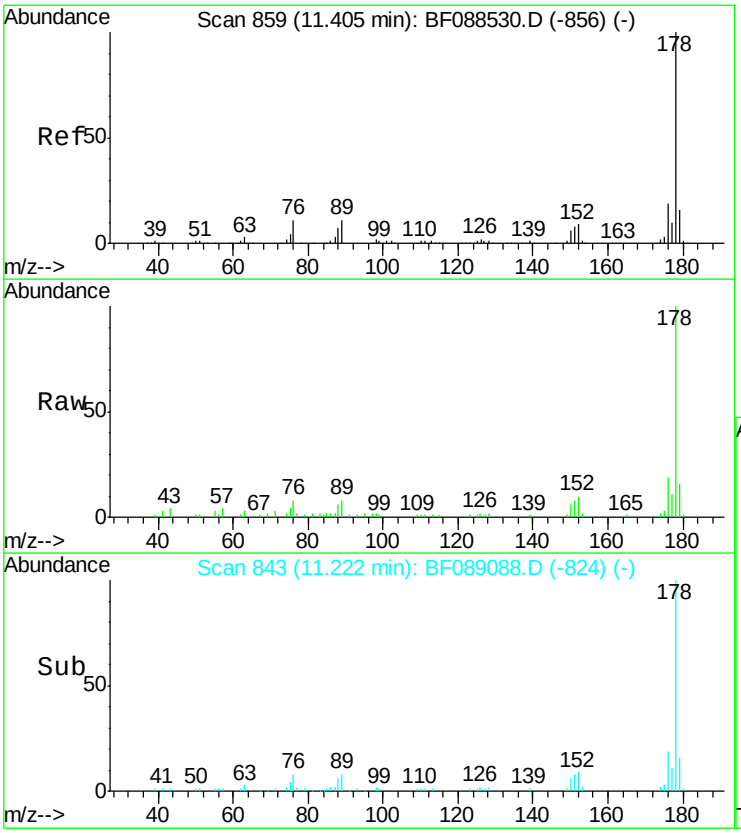
#70
Phenanthrene
Concen: 15.04 ng
RT: 11.18 min Scan# 839
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:178 Resp: 115129

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.6
179	15.2	13.0	19.4

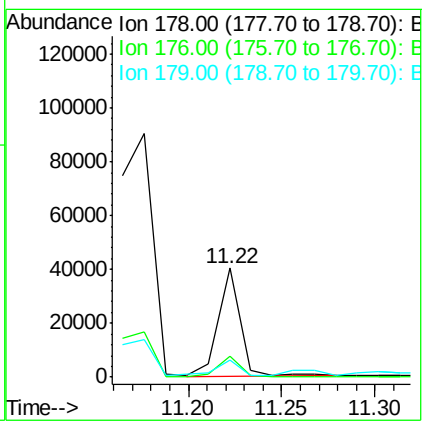


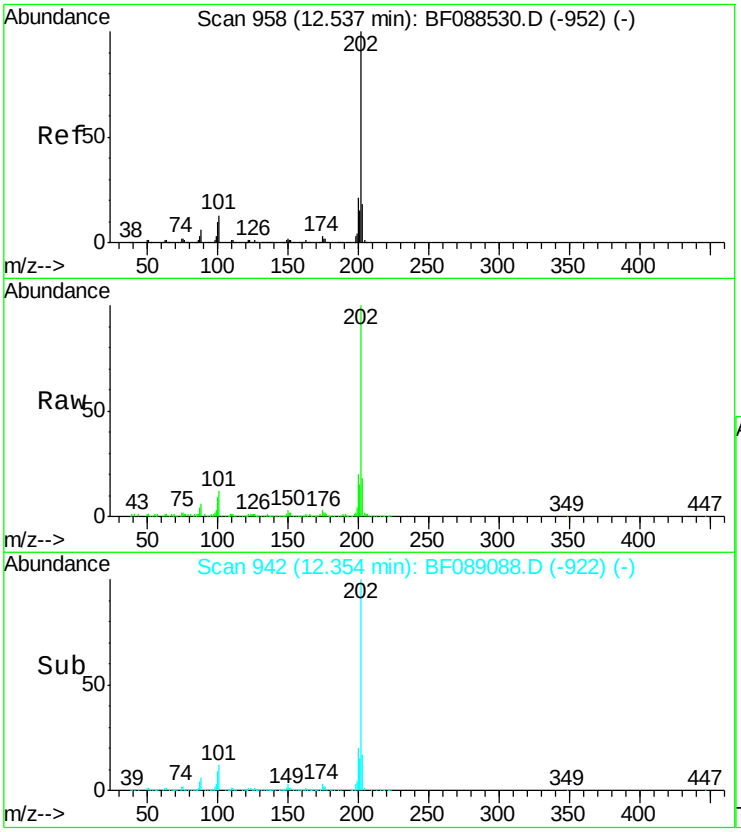


#71
Anthracene
Concen: 4.42 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.08 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:178 Resp: 33629

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.6	23.4
179	16.0	12.8	19.2



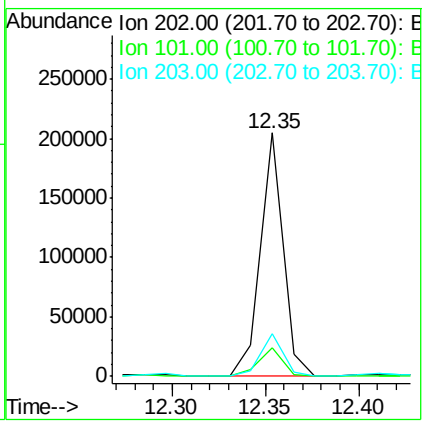


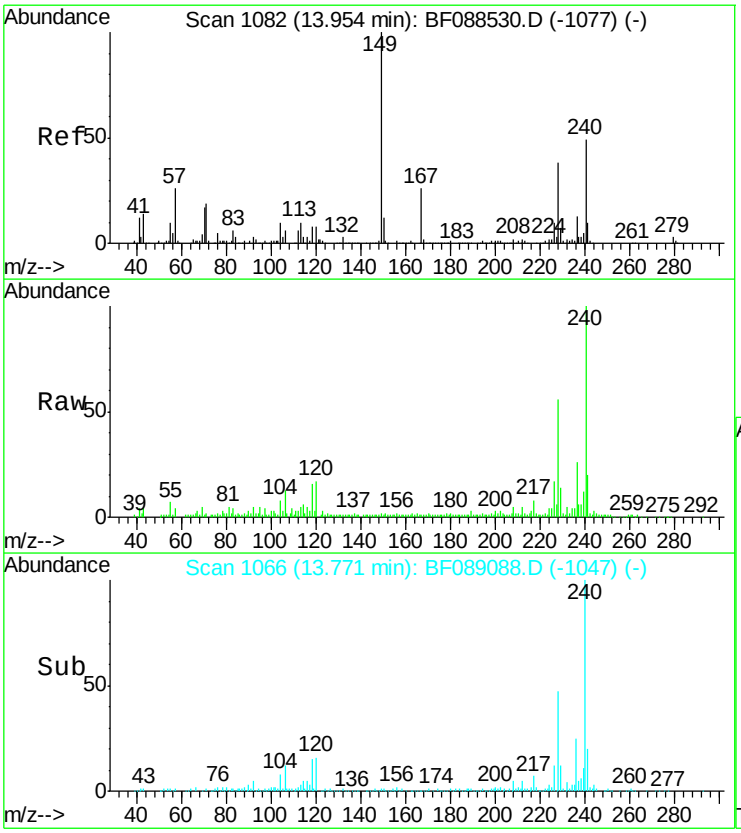
#74
Fluoranthene
Concen: 21.90 ng
RT: 12.35 min Scan# 942
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:202 Resp: 170015

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	33.1
203	17.7	0.0	38.1

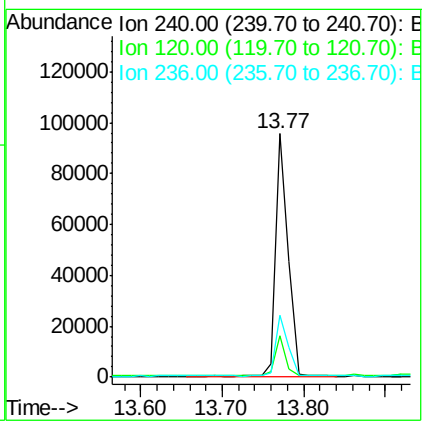


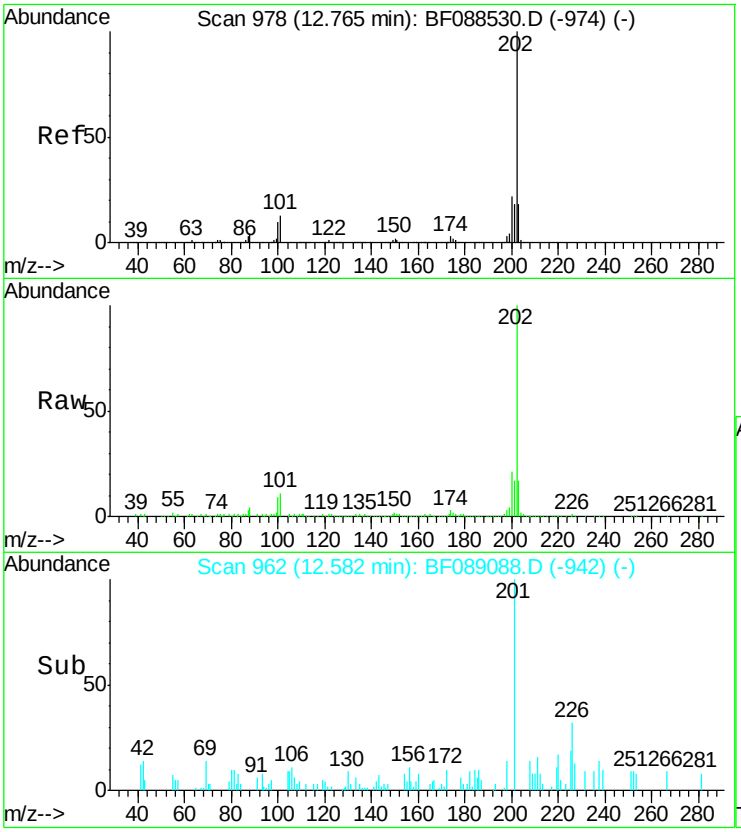


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.77 min Scan# 1066
Delta R.T. -0.08 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:240 Resp: 104720

Ion	Ratio	Lower	Upper
240	100		
120	17.0	6.8	10.2#
236	25.6	20.2	30.2



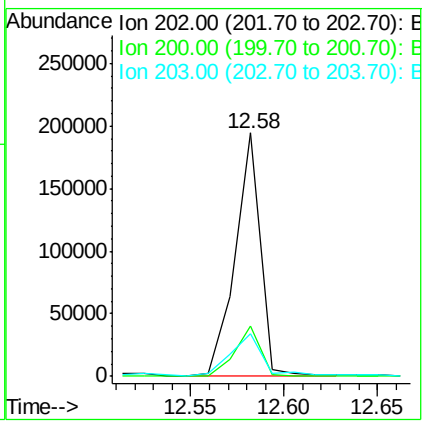


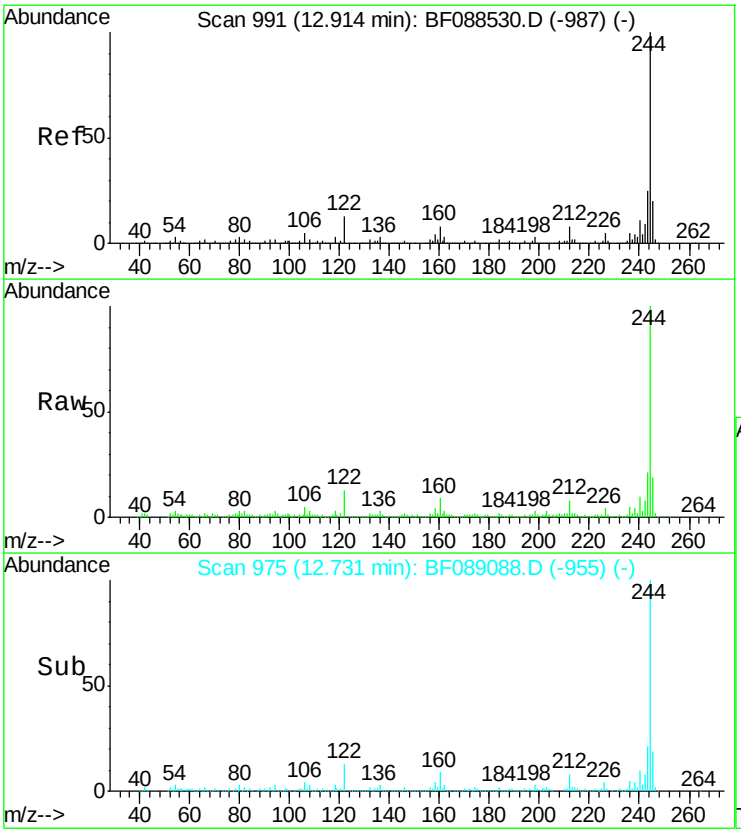
#77
Pyrene
Concen: 20.57 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:202 Resp: 182656

Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.4	26.2
203	17.3	14.5	21.7

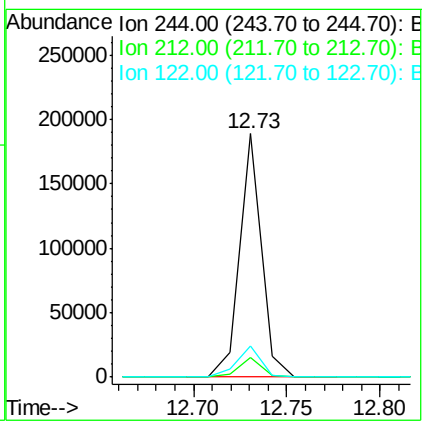


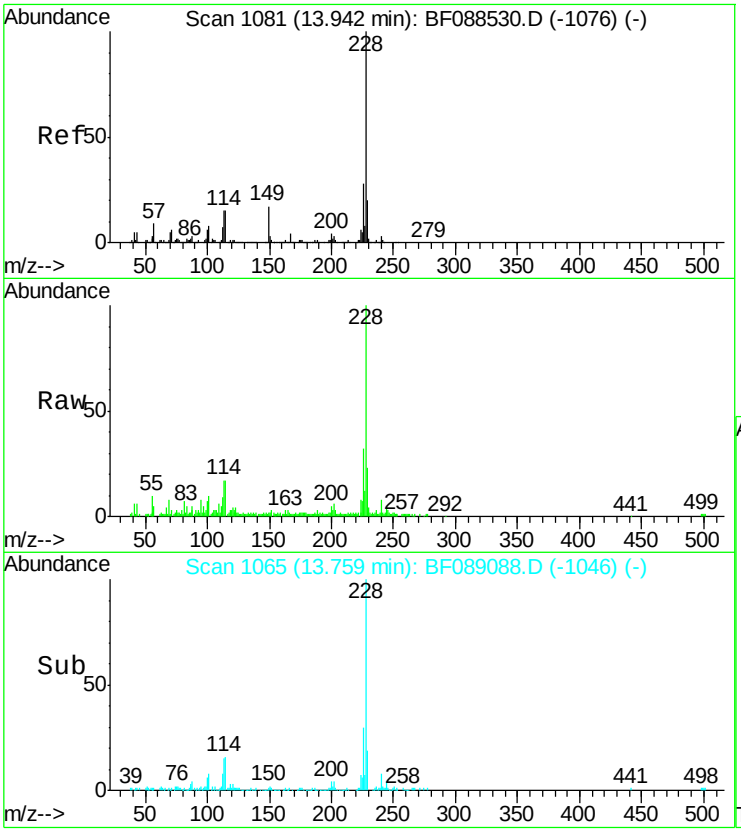


#78
Terphenyl-d14
Concen: 32.89 ng
RT: 12.73 min Scan# 975
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:244 Resp: 154641

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	12.8	11.2	16.8



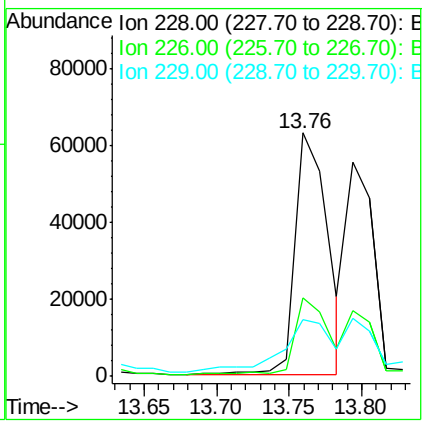


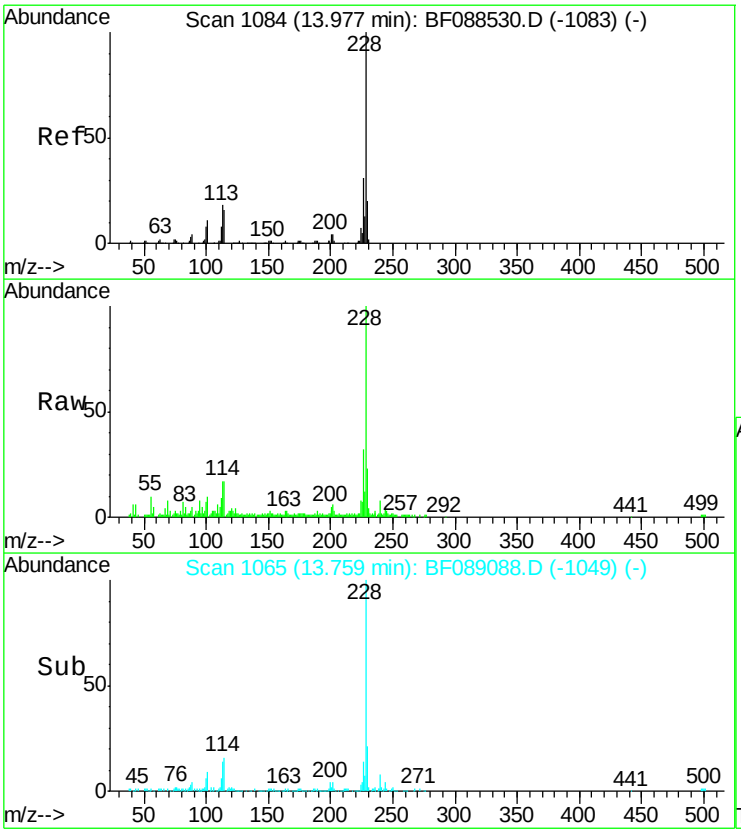
#80
Benzo(a)anthracene
Concen: 14.60 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.08 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:228 Resp: 98480

Ion	Ratio	Lower	Upper
228	100		
226	32.4	22.3	33.5
229	23.4	16.0	24.0

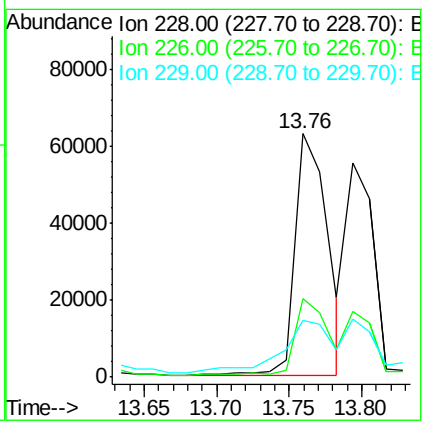


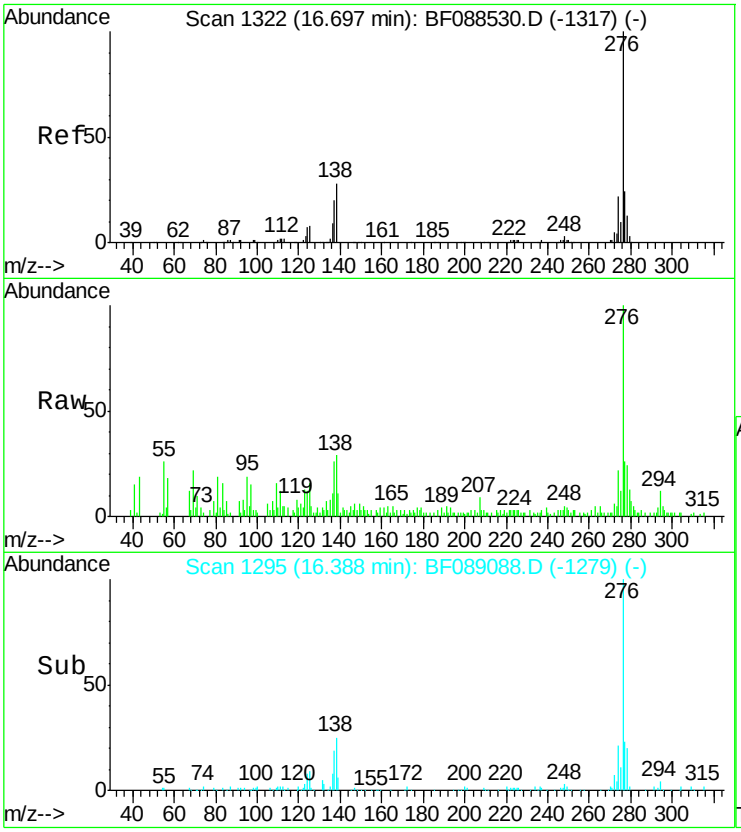


#82
Chrysene
Concen: 14.76 ng
RT: 13.76 min Scan# 1065
Delta R.T. -0.11 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:228 Resp: 98480

Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.4	38.2
229	23.4	16.3	24.5



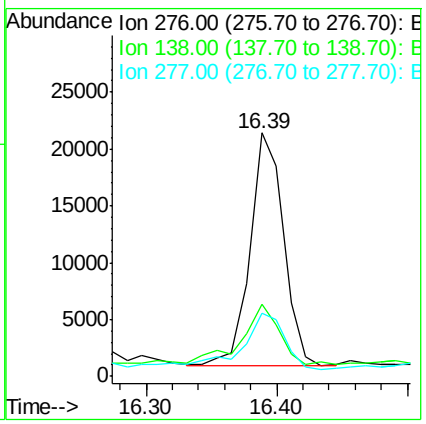


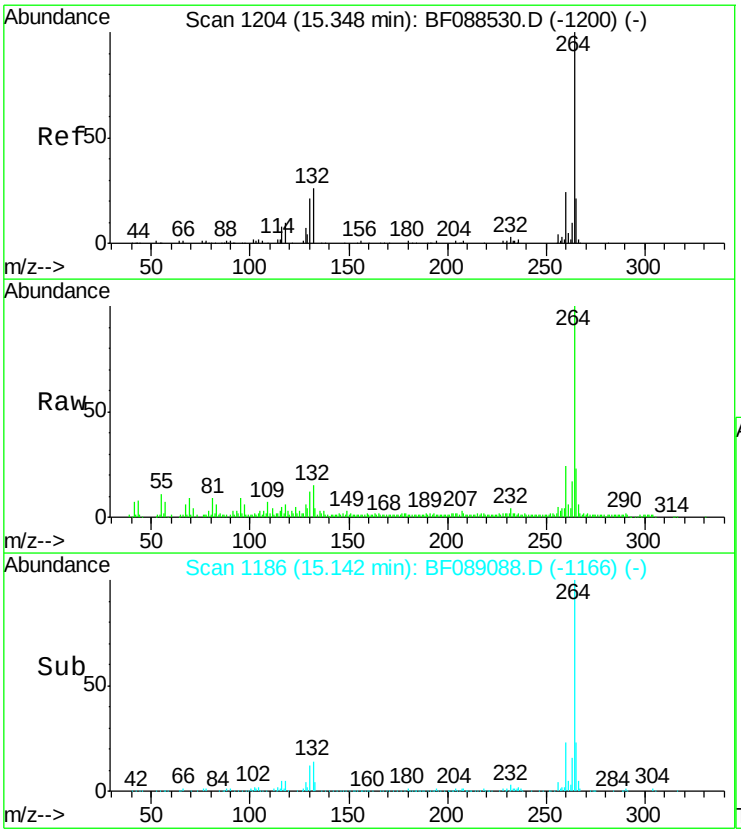
#85
Indeno(1,2,3-cd)pyrene
Concen: 7.15 ng
RT: 16.39 min Scan# 1295
Delta R.T. -0.11 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:276 Resp: 36681

Ion	Ratio	Lower	Upper
276	100		
138	30.1	0.0	0.0#
277	33.6	0.0	0.0#

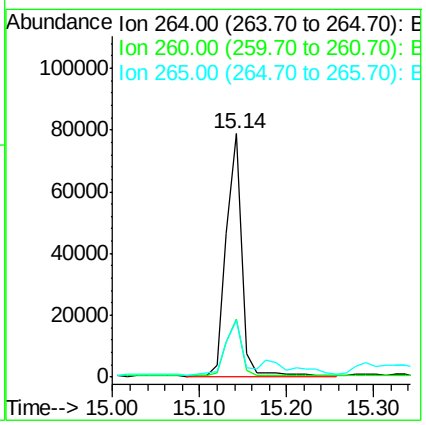


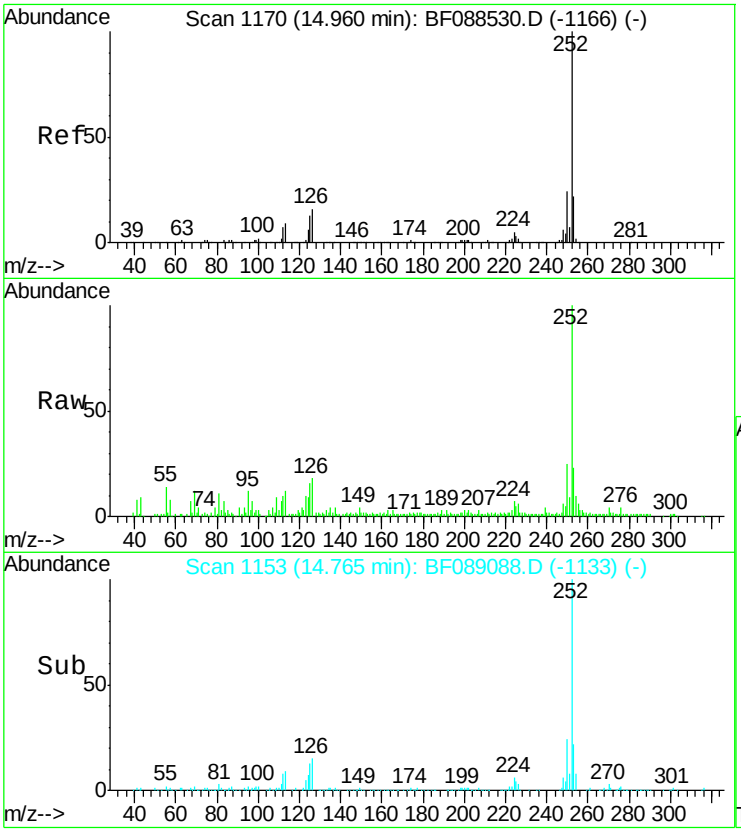


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.14 min Scan# 1186
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:264 Resp: 96720

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	23.3	16.9	25.3



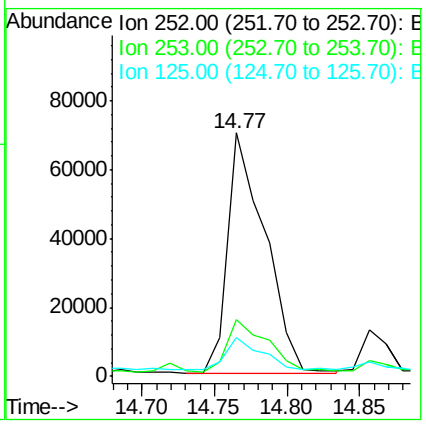


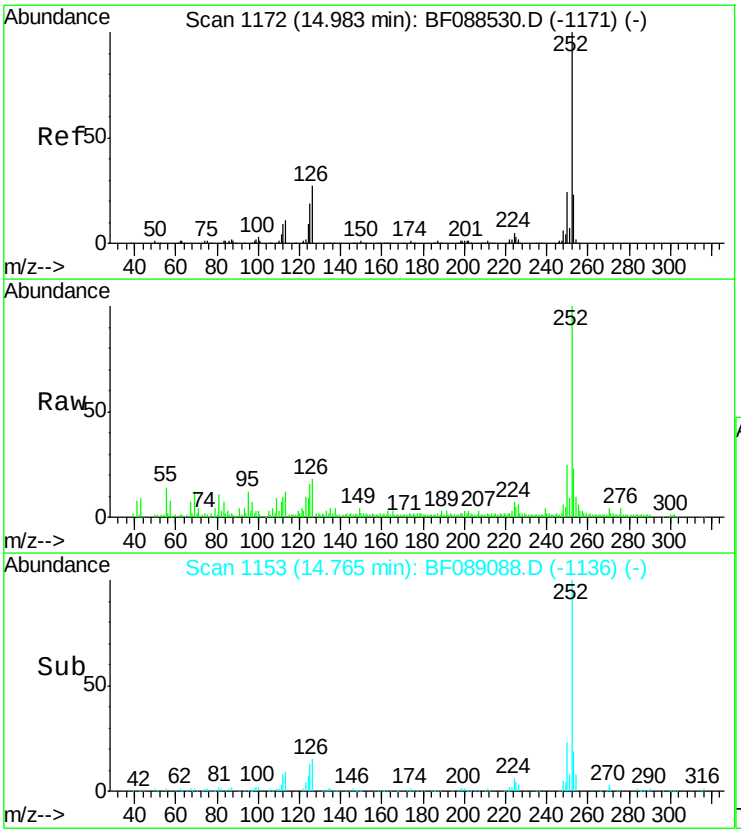
#87
Benzo(b)fluoranthene
Concen: 20.65 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:252 Resp: 125312

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.4	26.2
125	16.0	7.1	10.7#

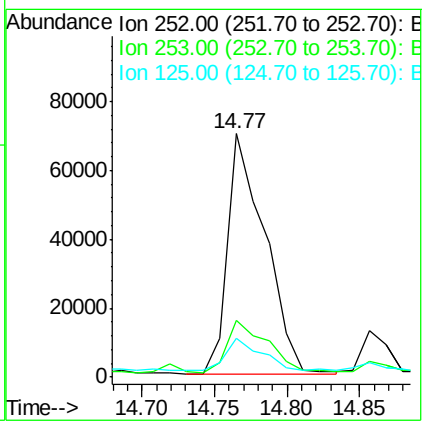


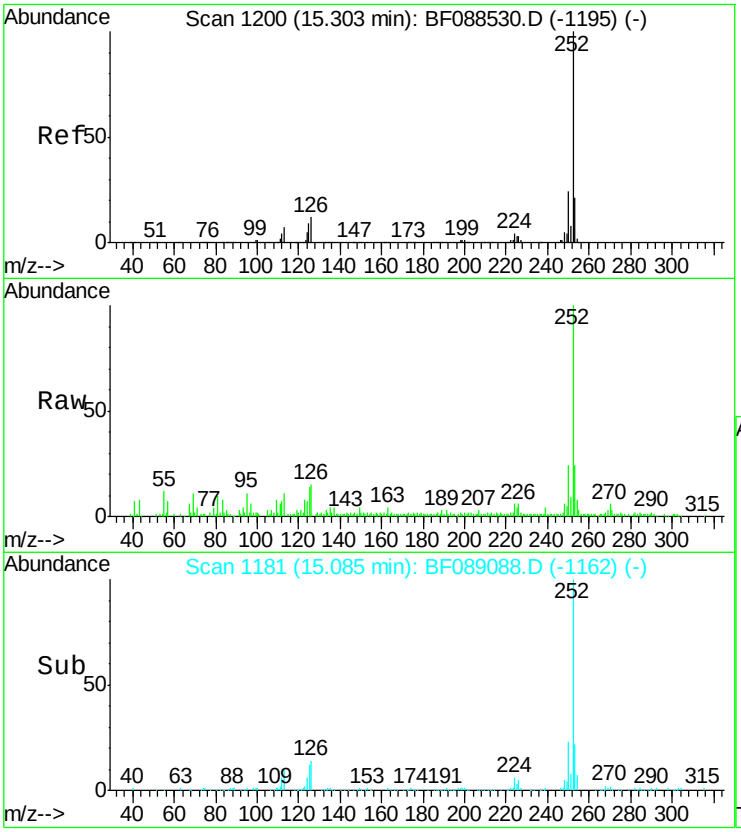


#88
Benzo(k)fluoranthene
Concen: 23.72 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.10 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:252 Resp: 125312

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	16.0	11.2	16.8



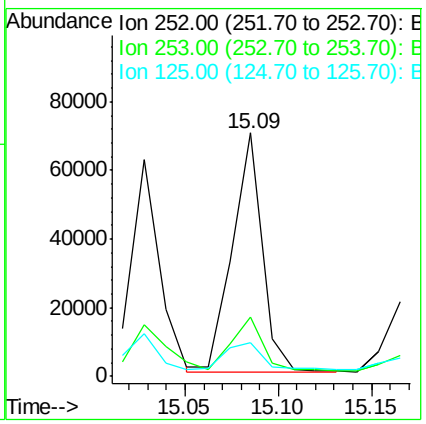


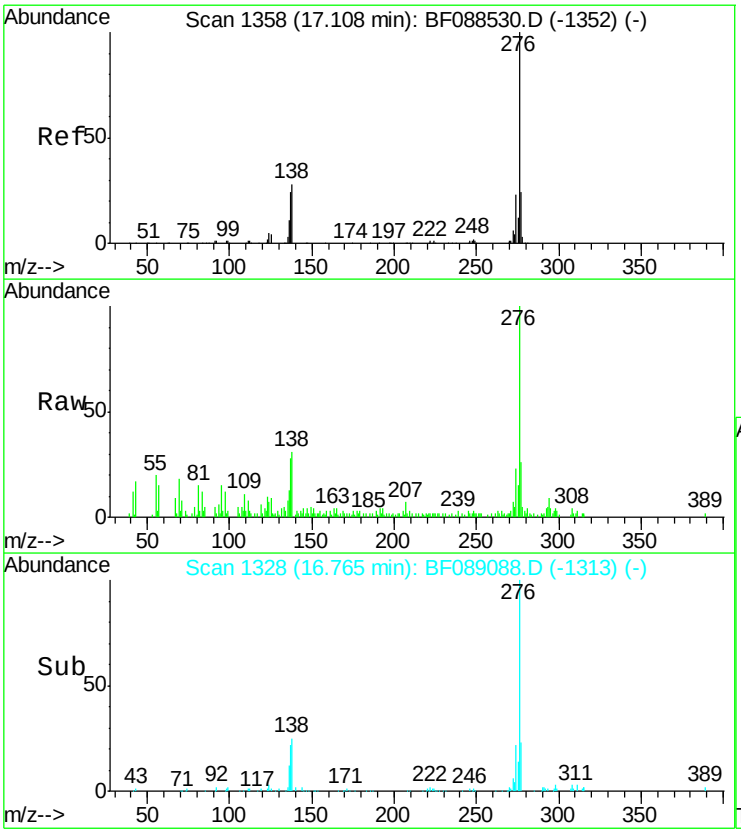
#89
Benzo(a)pyrene
Concen: 15.39 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.08 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Instrument :
BNA_F
ClientSampleId :
LSS-SB-SB02(0-2ft)

Tgt Ion:252 Resp: 79048

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	13.9	12.5	18.7





#91
Benzo(g,h,i)perylene
Concen: 11.03 ng
RT: 16.77 min Scan# 1328
Delta R.T. -0.13 min
Lab File: BF089088.D
Acq: 18 Jul 2016 18:10

Tgt Ion:276 Resp: 48978

Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.9	28.3
138	30.7	21.4	32.2