Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087766.D
Acq On : 6 Jun 2016 22:21
Operator : UM/SJ
Sample : H3367-01DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SC-1491(0-4)DL

Quant Time: Jun 07 01:17:47 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	102689	20.00	ng		-0.02
21) Naphthalene-d8	8.14	136	413123	20.00	ng		-0.01
38) Acenaphthene-d10	9.88	164	156734	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	281807	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	212737	20.00	ng		-0.02
86) Perylene-d12	15.43	264	170891	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	169405	26.66	ng		-0.01
7) Phenol-d6	6.47	99	188510	23.66	ng		-0.02
23) Nitrobenzene-d5	7.40	82	98344	13.77	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	38068	24.20	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	212652	16.72	ng		-0.02
78) Terphenyl-d14	12.95	244	133300	15.29	ng		-0.02
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	12436	2.50	ng	#	80
48) Acenaphthylene	9.75	152	88486	5.60	ng		99
49) Dimethylphthalate	9.61	163	29998	2.63	ng	#	98
50) 2,6-Dinitrotoluene	9.88	165	20481	7.90	ng	#	40
70) Phenanthrene	11.39	178	69078	4.52	ng		98
71) Anthracene	11.44	178	89186	5.83	ng		98
74) Fluoranthene	12.58	202	450413	29.96	ng		97
77) Pyrene	12.81	202	458947	30.30	ng		99
80) Benzo(a)anthracene	13.99	228	287457	23.41	ng	#	92
82) Chrysene	13.99	228	287457	23.52	ng		97
85) Indeno(1,2,3-cd)pyrene	16.81	276	73931	7.32	ng	#	100
87) Benzo(b)fluoranthene	15.02	252	316755	28.49	ng	#	96
88) Benzo(k)fluoranthene	15.02	252	316755	34.25	ng		99
89) Benzo(a)pyrene	15.31	252	108220	11.58	ng		94
90) Dibenzo(a,h)anthracene	16.82	278	19801	2.49	ng	#	93
91) Benzo(g,h,i)perylene	17.22	276	67653	8.43	ng		98

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

Quantitation Report (Not Reviewed)

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SC-1491(0-4)DL

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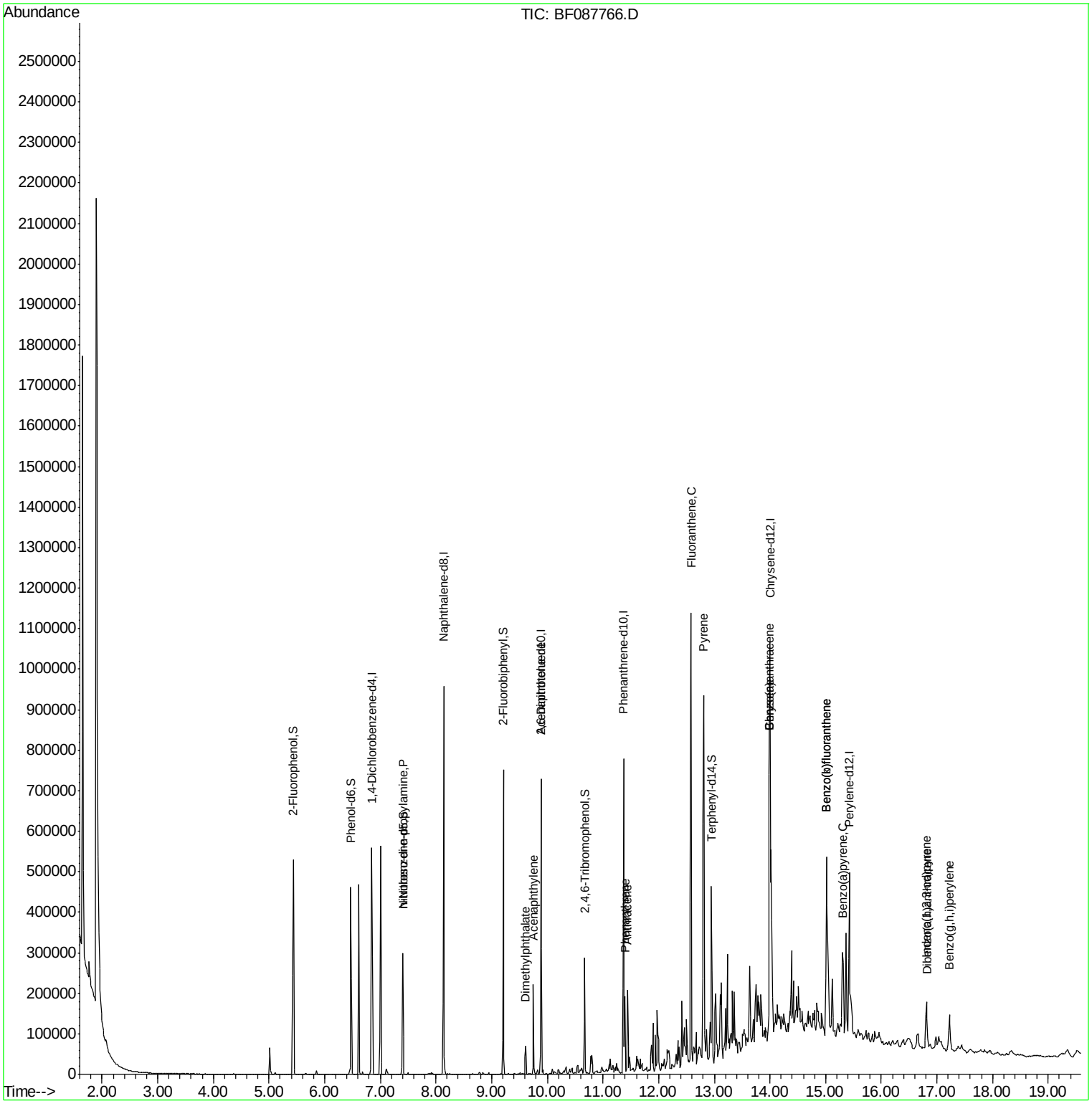
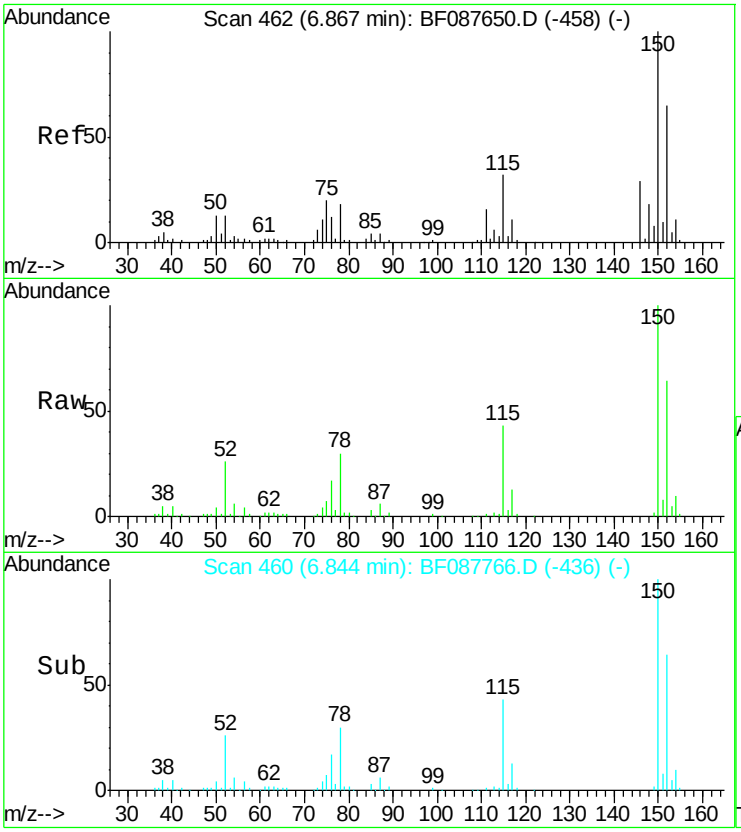


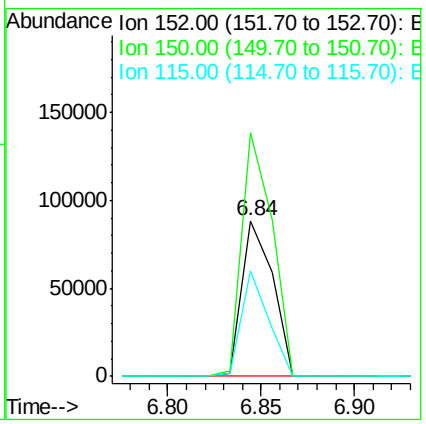


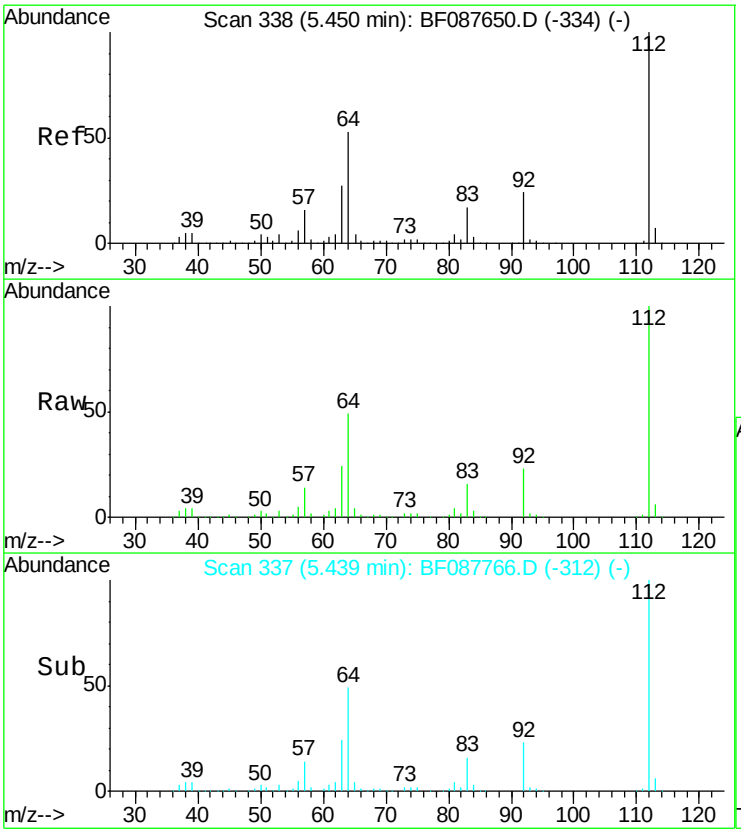
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:152 Resp: 102689

Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.8	185.6
115	67.4	39.6	59.4#

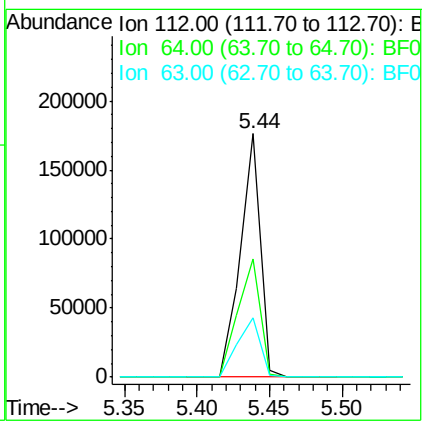


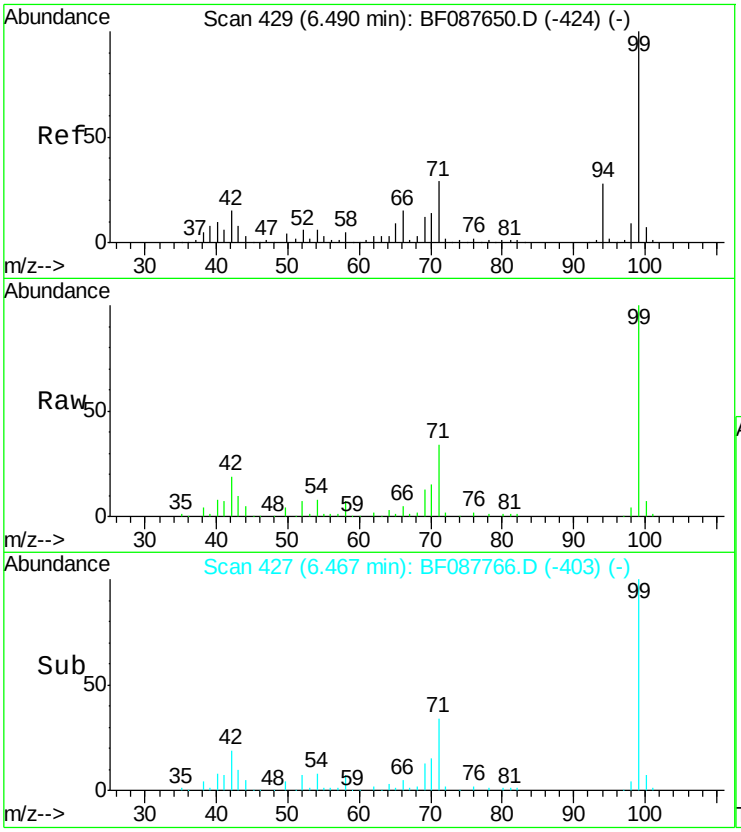


#5
2-Fluorophenol
Concen: 26.66 ng
RT: 5.44 min Scan# 337
Delta R.T. -0.01 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:112 Resp: 169405

Ion	Ratio	Lower	Upper
112	100		
64	48.6	42.2	63.2
63	24.3	21.8	32.8



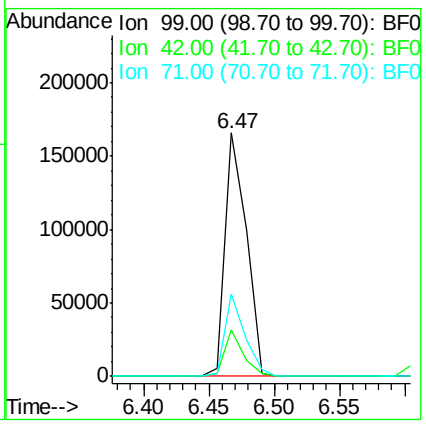


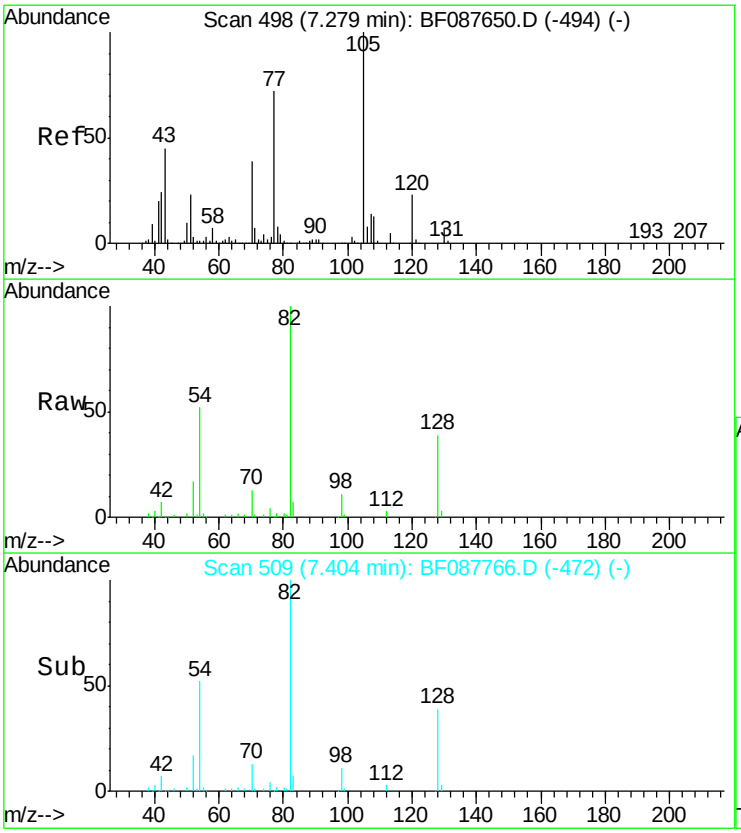
#7
Phenol-d6
Concen: 23.66 ng
RT: 6.47 min Scan# 427
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion: 99 Resp: 188510

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.2	18.2#
71	33.7	23.4	35.0

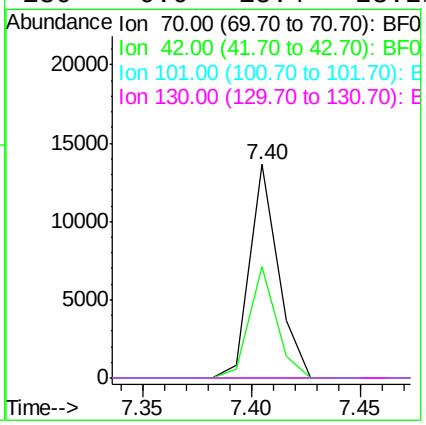


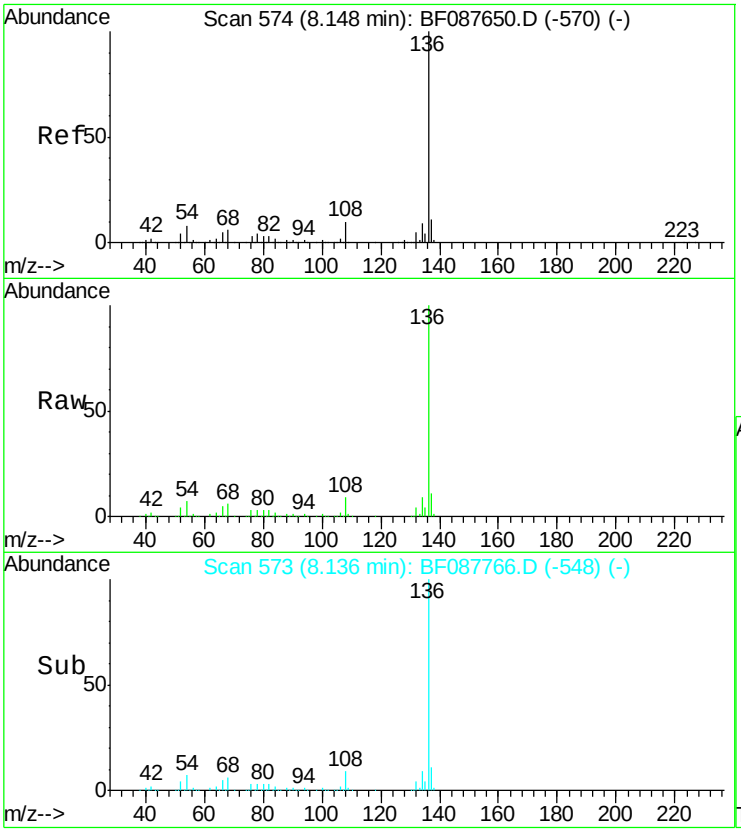


#19
n-Nitroso-di-n-propylamine
Concen: 2.50 ng
RT: 7.40 min Scan# 509
Delta R.T. 0.13 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion: 70 Resp: 12436

Ion	Ratio	Lower	Upper
70	100		
42	52.4	49.6	74.4
101	0.0	7.1	10.7#
130	0.0	15.4	23.2#



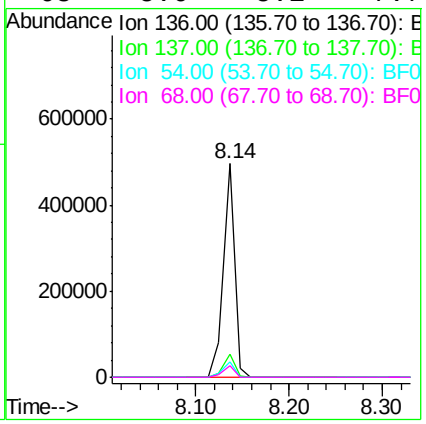


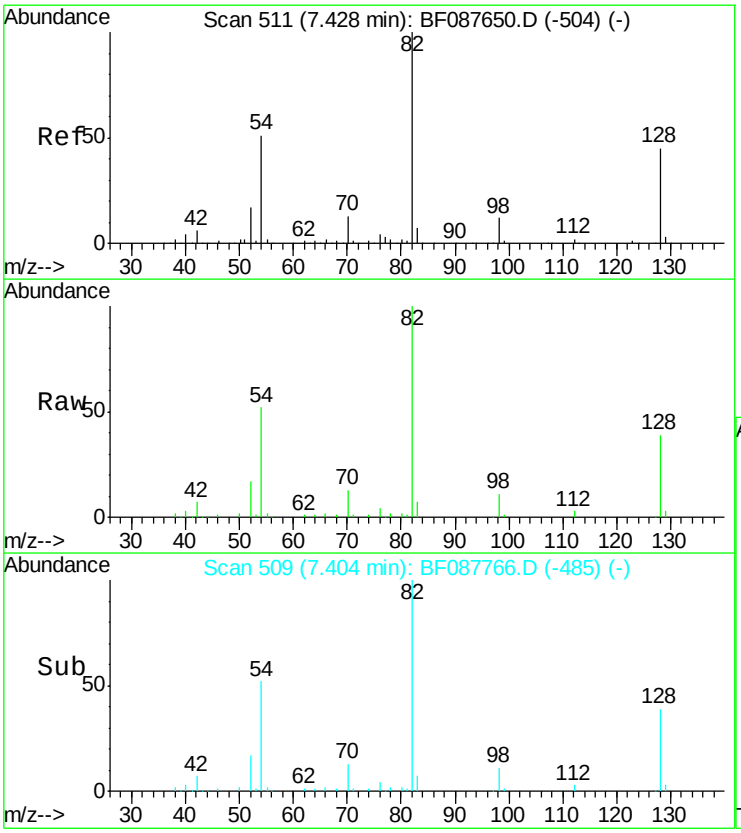
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:136 Resp: 413123

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	6.9	6.6	10.0
68	5.6	5.1	7.7

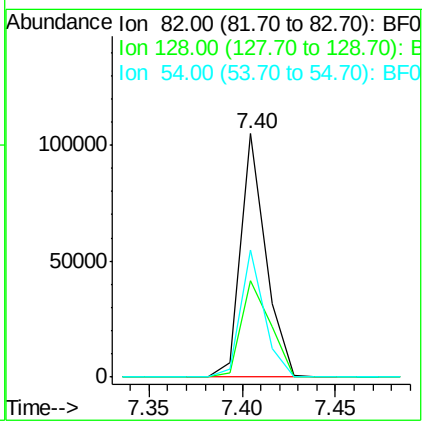


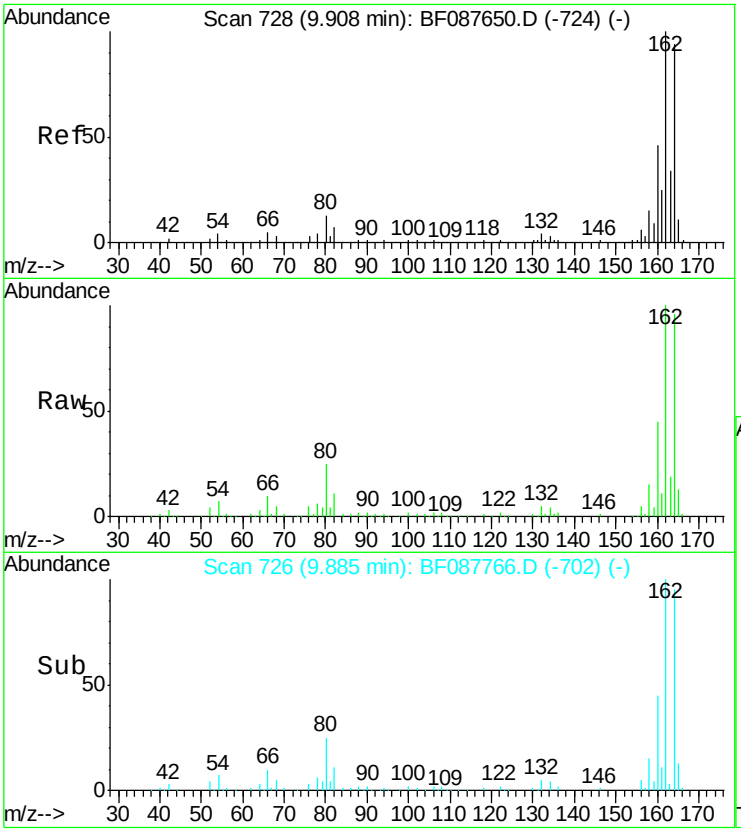


#23
Nitrobenzene-d5
Concen: 13.77 ng
RT: 7.40 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion: 82 Resp: 98344

Ion	Ratio	Lower	Upper
82	100		
128	39.4	35.9	53.9
54	52.4	40.9	61.3



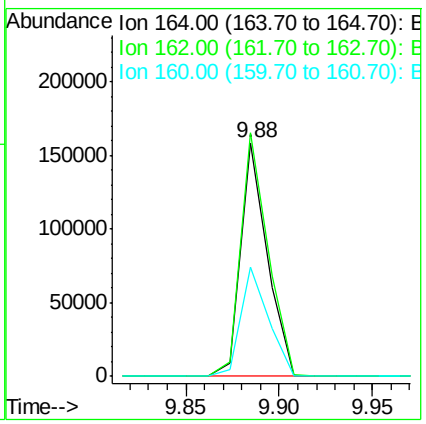


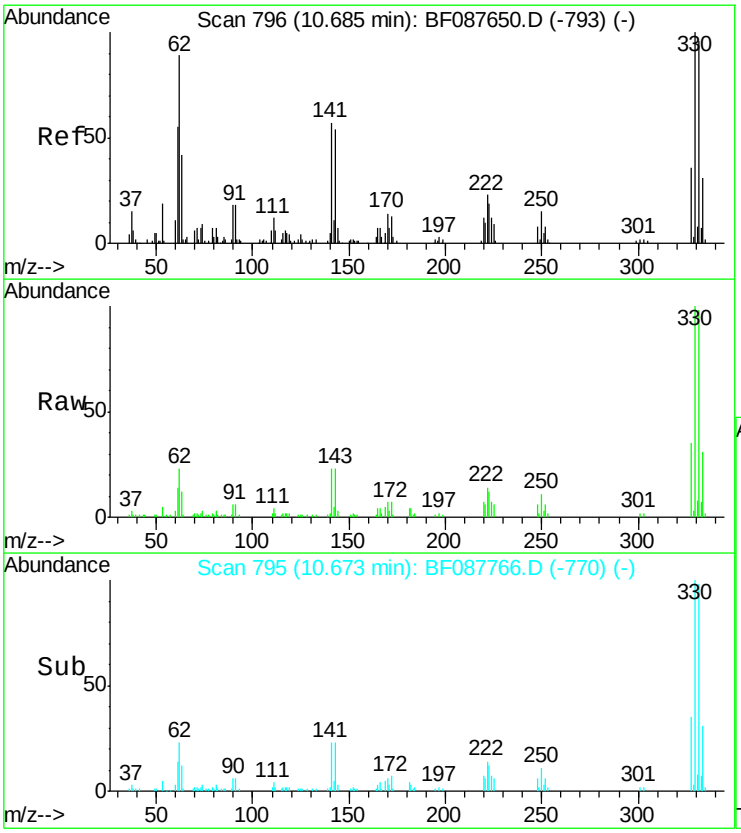
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 726
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:164 Resp: 156734

Ion	Ratio	Lower	Upper
164	100		
162	104.1	85.4	128.2
160	46.6	39.5	59.3

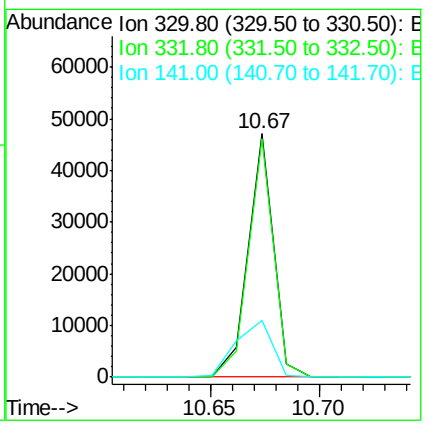


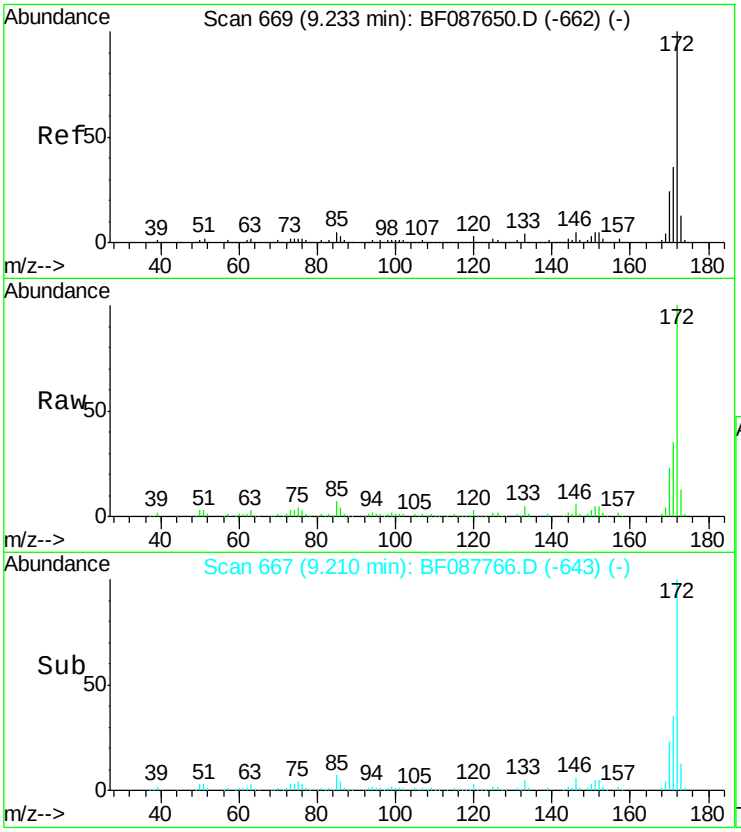


#41
2,4,6-Tribromophenol
Concen: 24.20 ng
RT: 10.67 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:330 Resp: 38068

Ion	Ratio	Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	33.7	0.0	0.0#



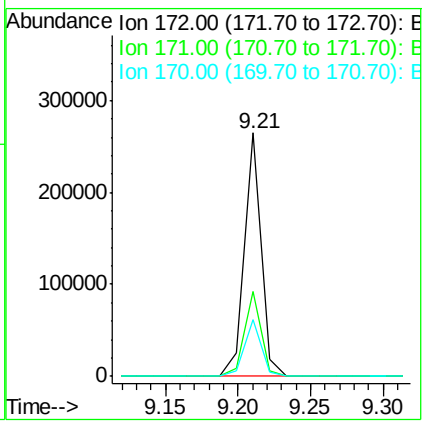


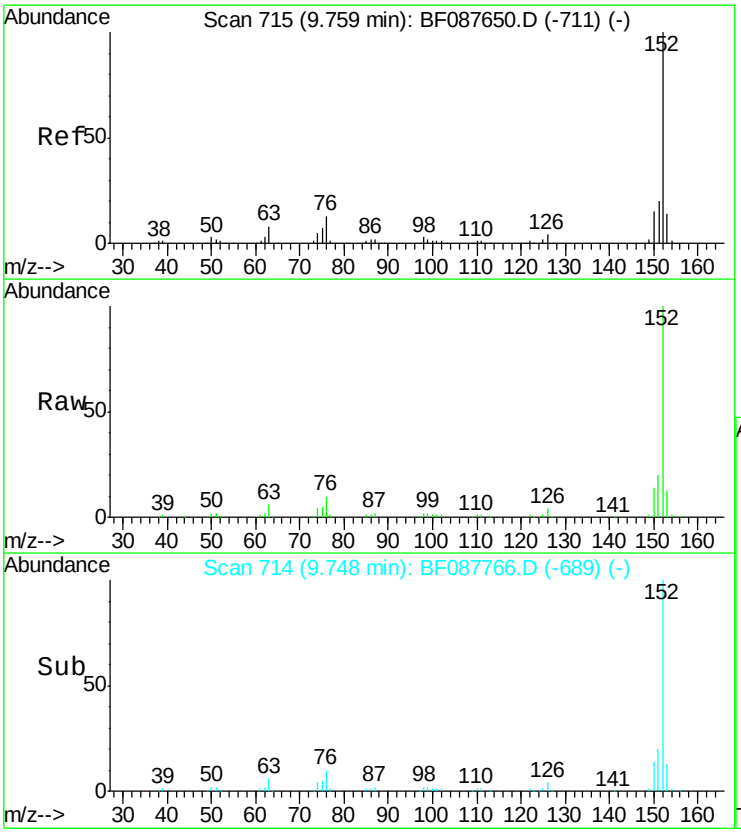
#44
2-Fluorobiphenyl
Concen: 16.72 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:172 Resp: 212652

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.6	43.0
170	23.3	19.2	28.8

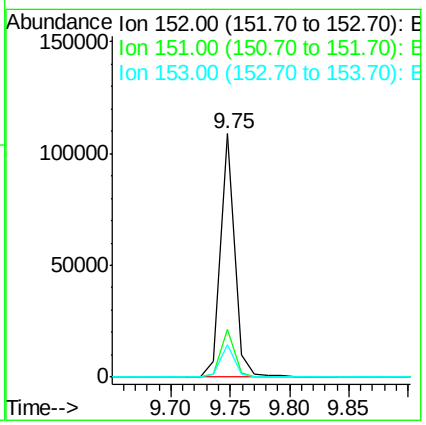


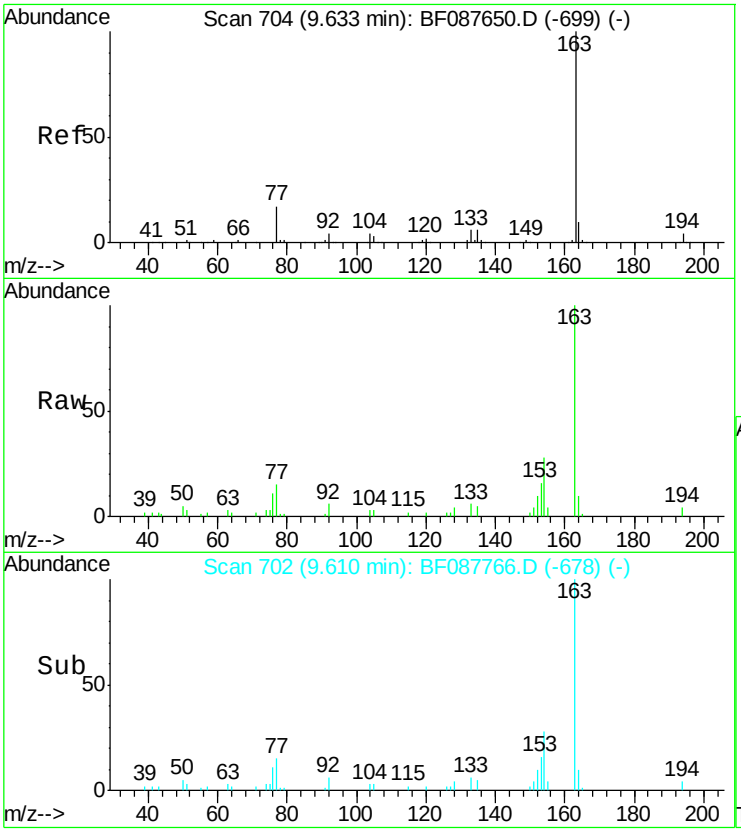


#48
Acenaphthylene
Concen: 5.60 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:152 Resp: 88486

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.4
153	13.1	11.0	16.6



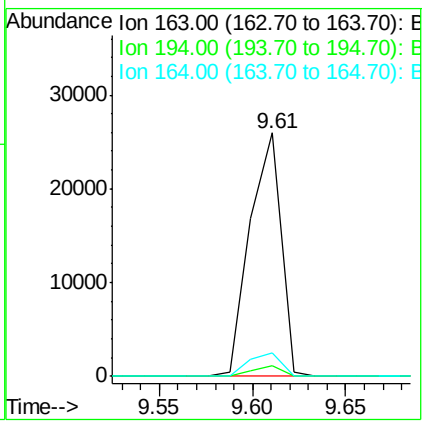


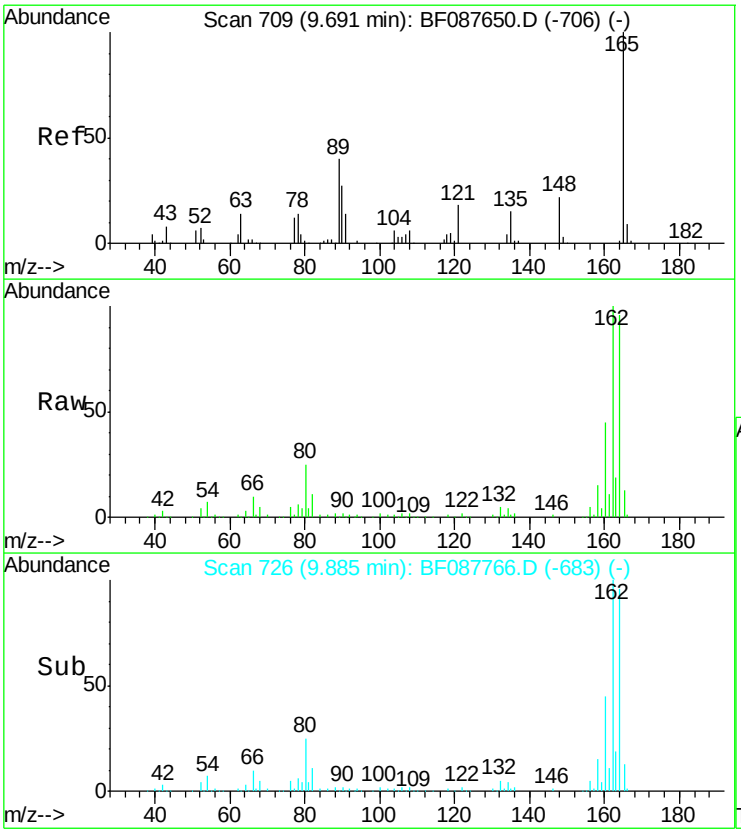
#49
Dimethylphthalate
Concen: 2.63 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:163 Resp: 29998

Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.8	4.2#
164	9.7	8.3	12.5

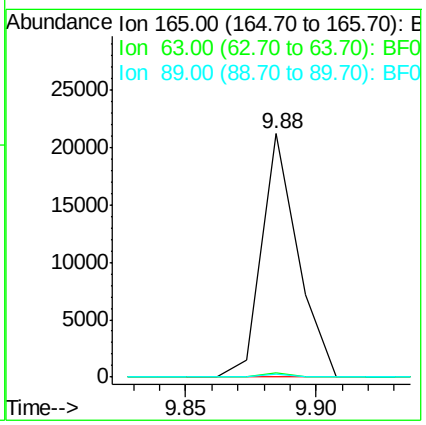


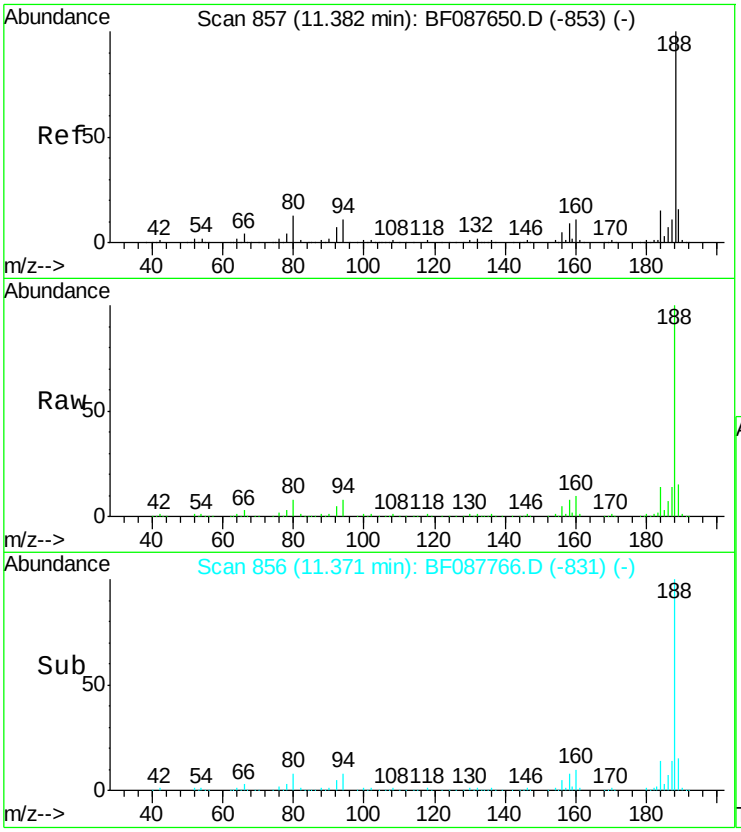


#50
2,6-Dinitrotoluene
Concen: 7.90 ng
RT: 9.88 min Scan# 726
Delta R.T. 0.19 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:165 Resp: 20481

Ion	Ratio	Lower	Upper
165	100		
63	1.5	28.1	42.1#
89	1.4	32.2	48.2#



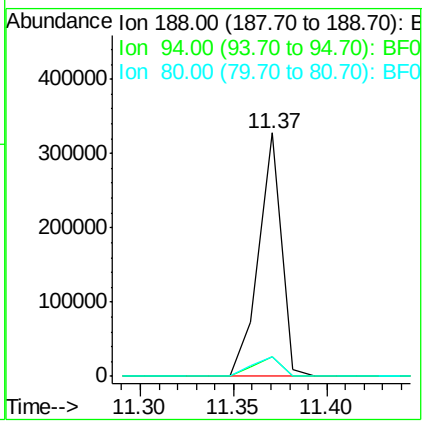


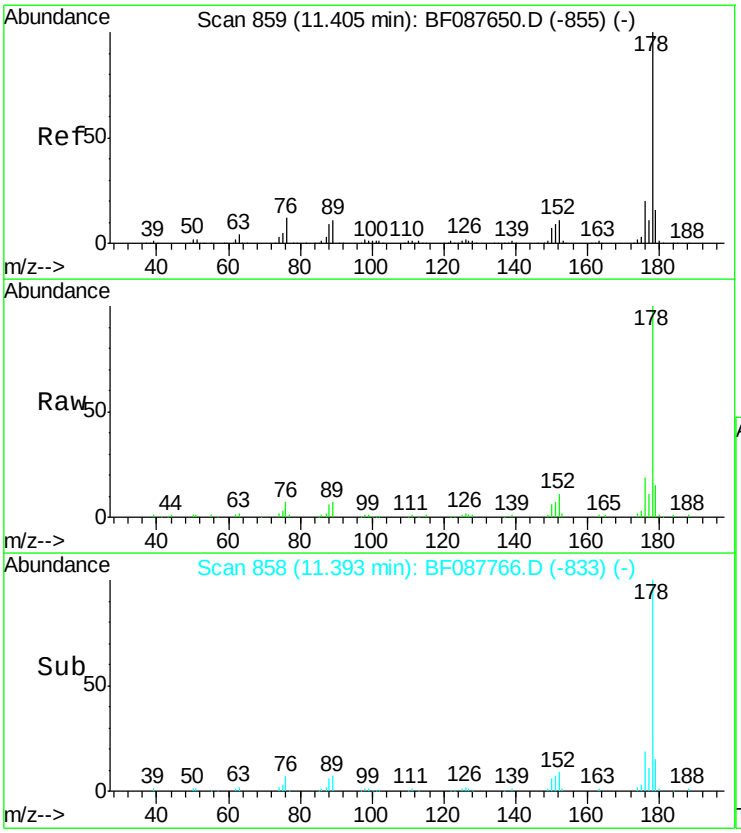
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:188 Resp: 281807

Ion	Ratio	Lower	Upper
188	100		
94	8.1	9.0	13.6#
80	8.1	10.0	15.0#

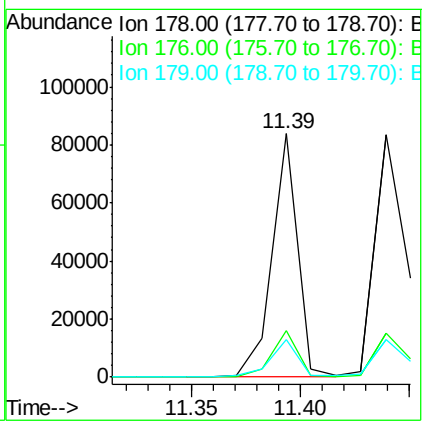


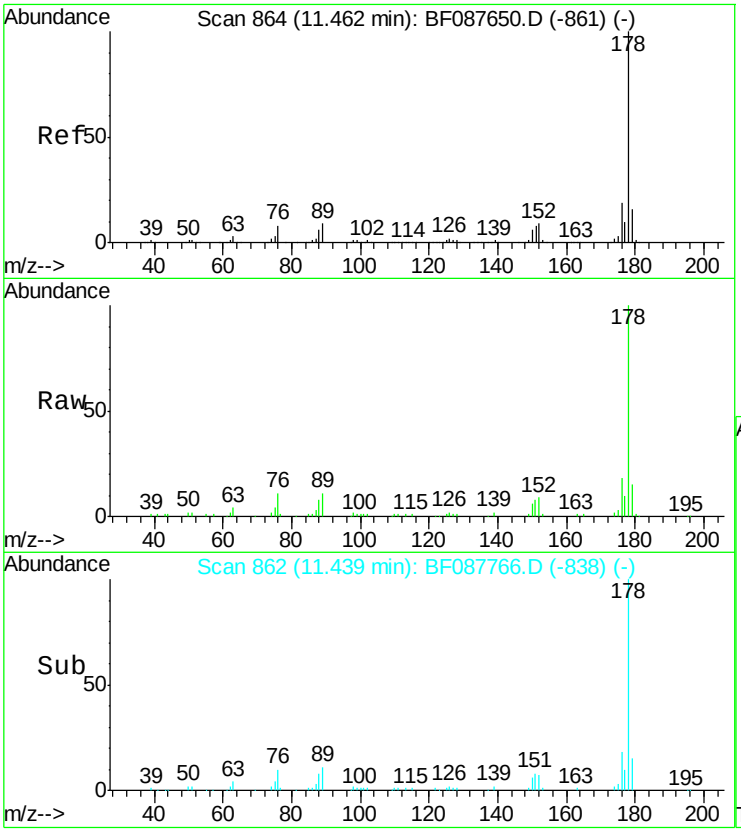


#70
Phenanthrene
Concen: 4.52 ng
RT: 11.39 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:178 Resp: 69078

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.6
179	15.3	13.0	19.4



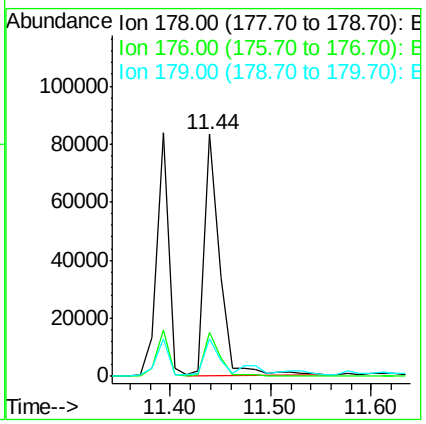


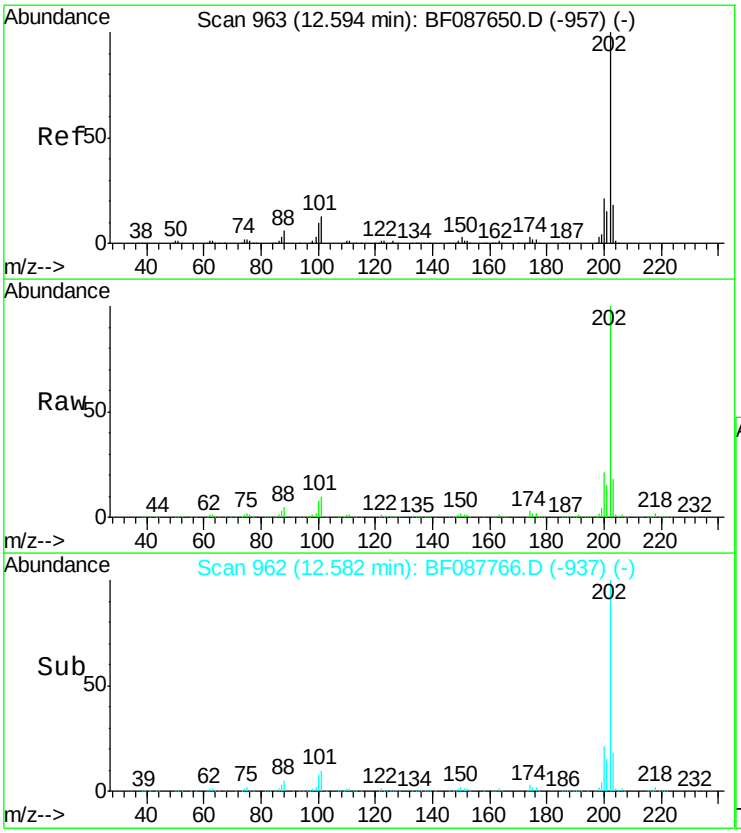
#71
Anthracene
Concen: 5.83 ng
RT: 11.44 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:178 Resp: 89186

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.6	23.4
179	15.3	12.8	19.2

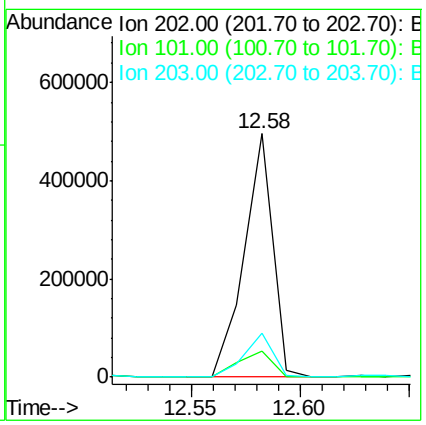


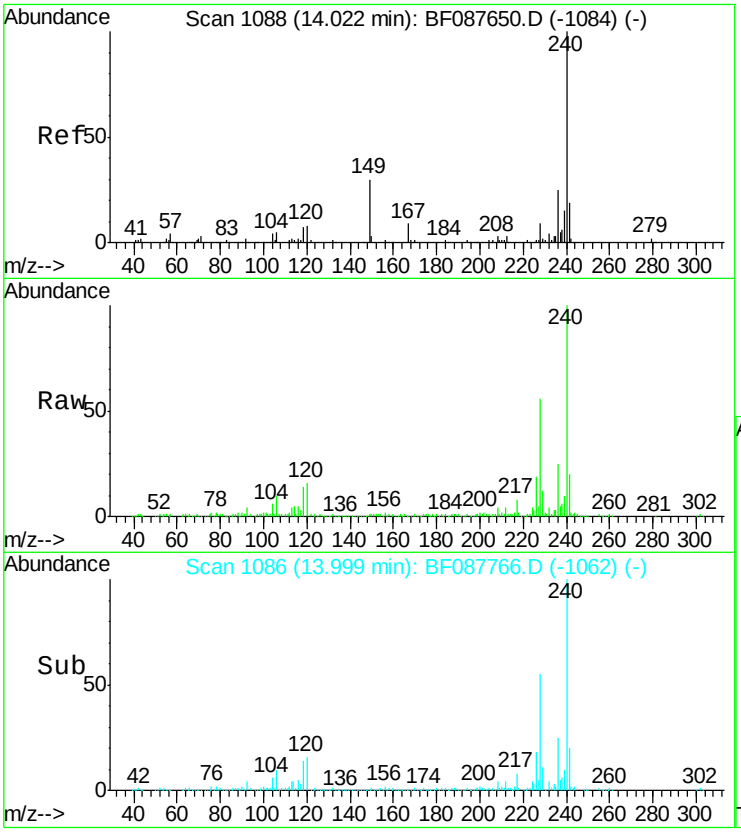


#74
Fluoranthene
Concen: 29.96 ng
RT: 12.58 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:202 Resp: 450413

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	33.1
203	17.8	0.0	38.1



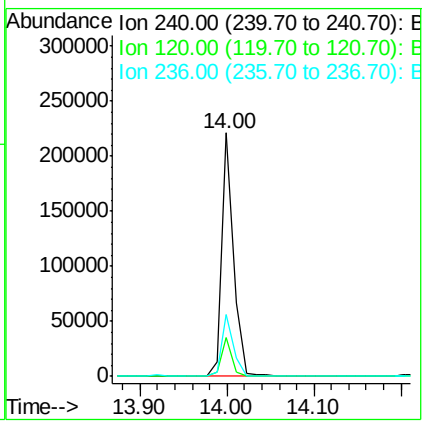


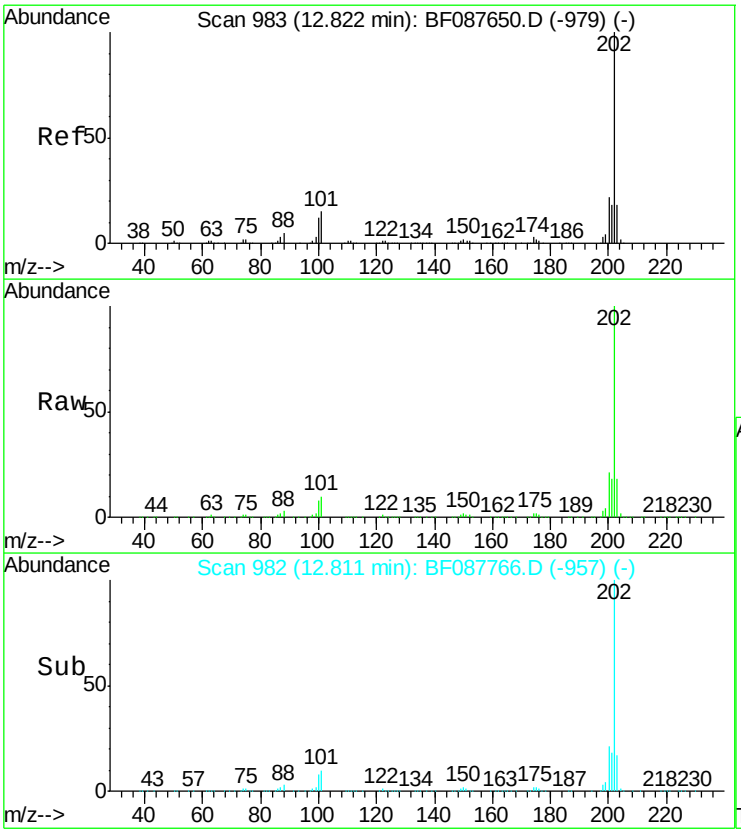
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1086
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:240 Resp: 212737

Ion	Ratio	Lower	Upper
240	100		
120	15.9	6.8	10.2#
236	25.4	20.2	30.2

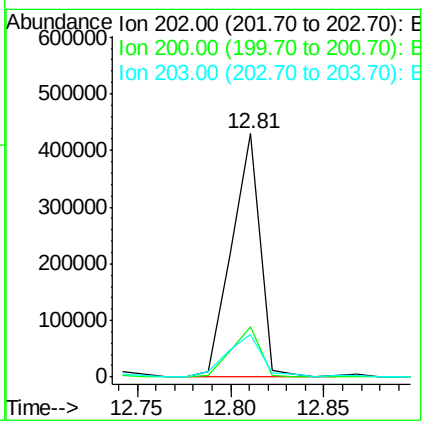


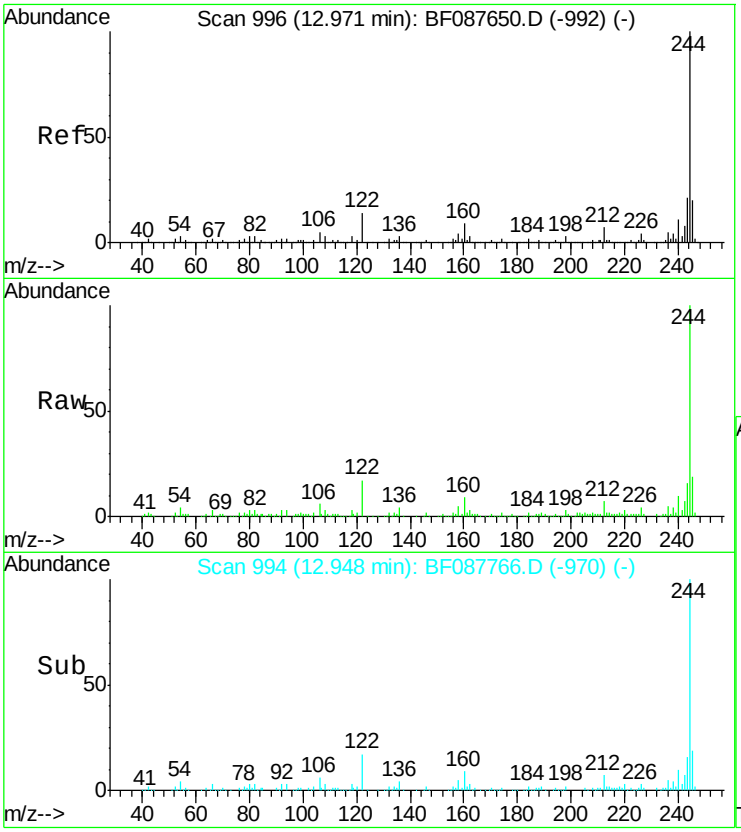


#77
Pyrene
Concen: 30.30 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:202 Resp: 458947

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.4	26.2
203	17.6	14.5	21.7



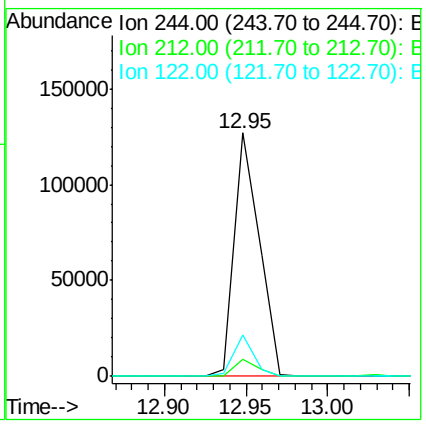


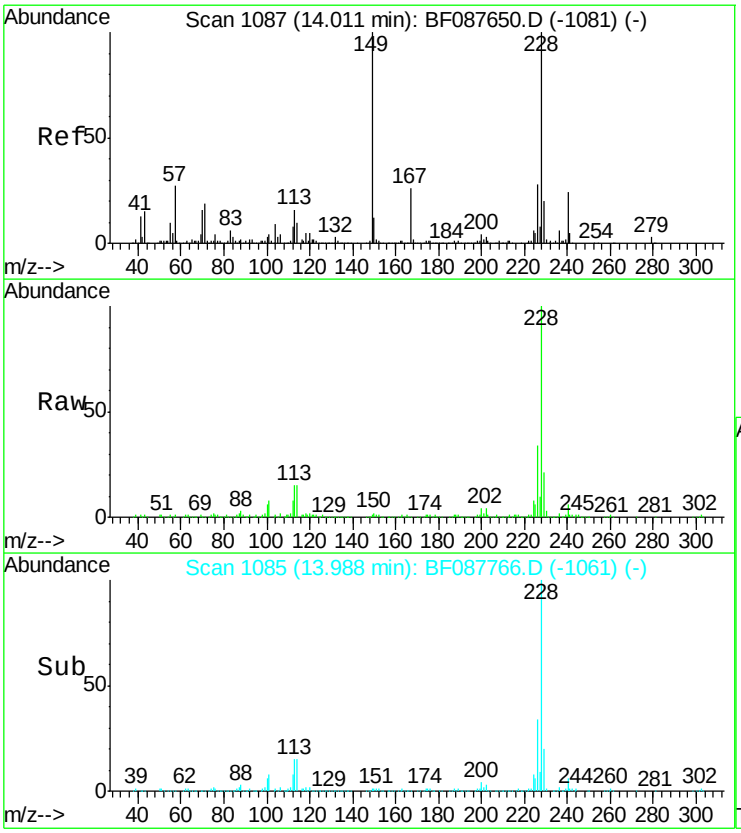
#78
Terphenyl-d14
Concen: 15.29 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:244 Resp: 133300

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	16.8	11.2	16.8#

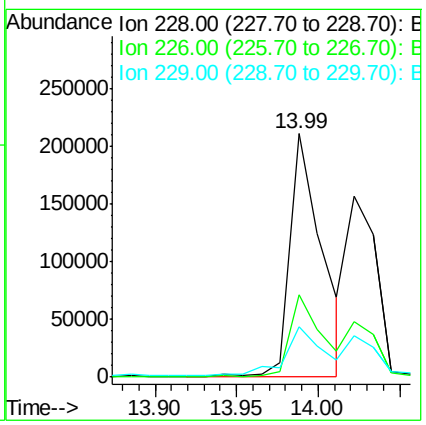


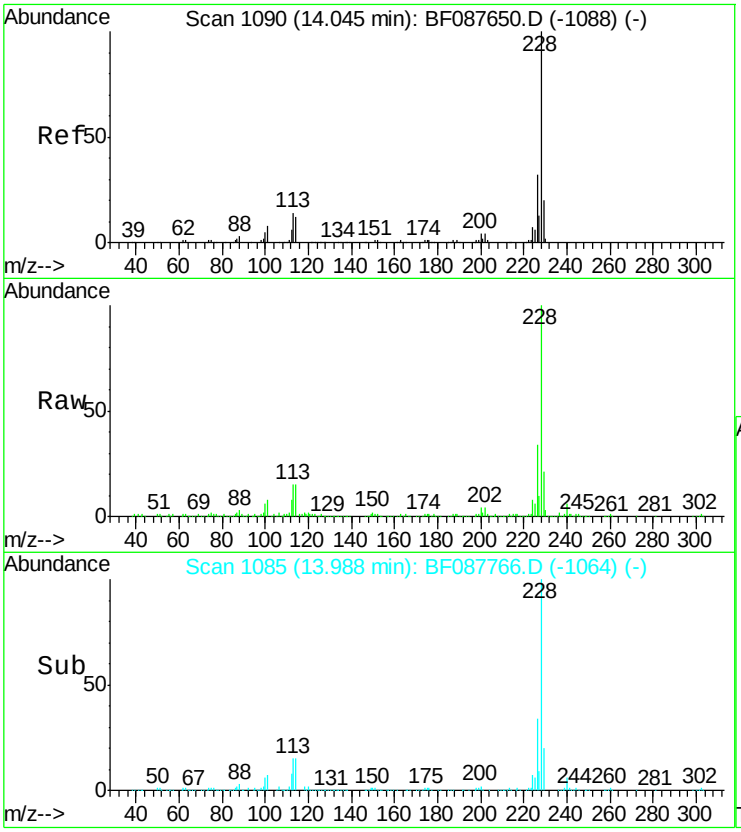


#80
Benzo(a)anthracene
Concen: 23.41 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:228 Resp: 287457

Ion	Ratio	Lower	Upper
228	100		
226	34.0	22.3	33.5#
229	20.9	16.0	24.0



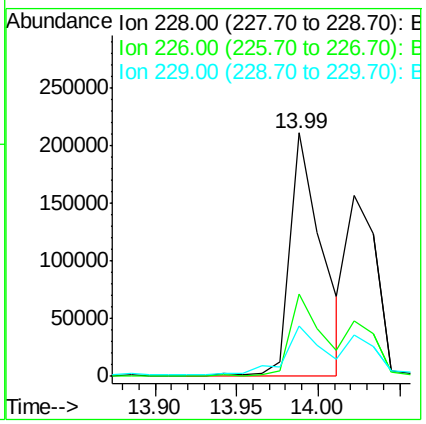


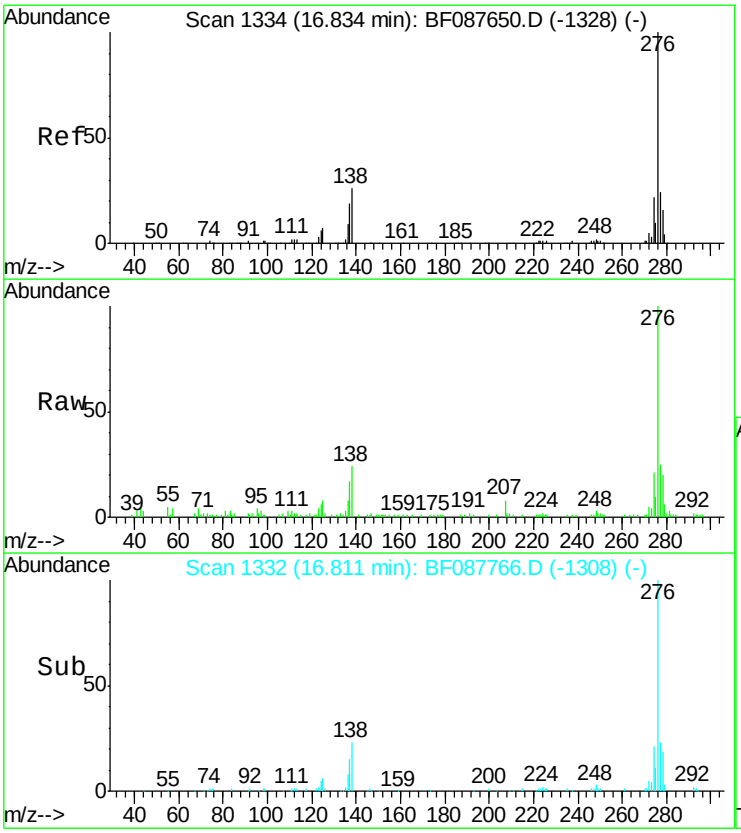
#82
Chrysene
Concen: 23.52 ng
RT: 13.99 min Scan# 1085
Delta R.T. -0.06 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:228 Resp: 287457

Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.4	38.2
229	20.9	16.3	24.5

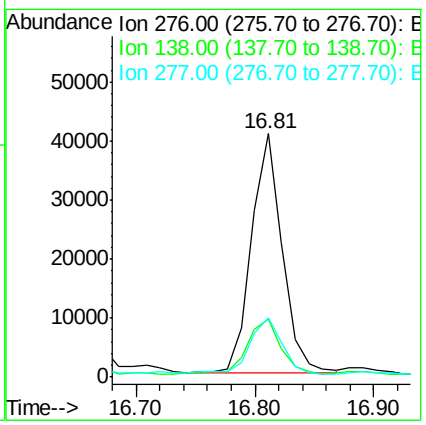


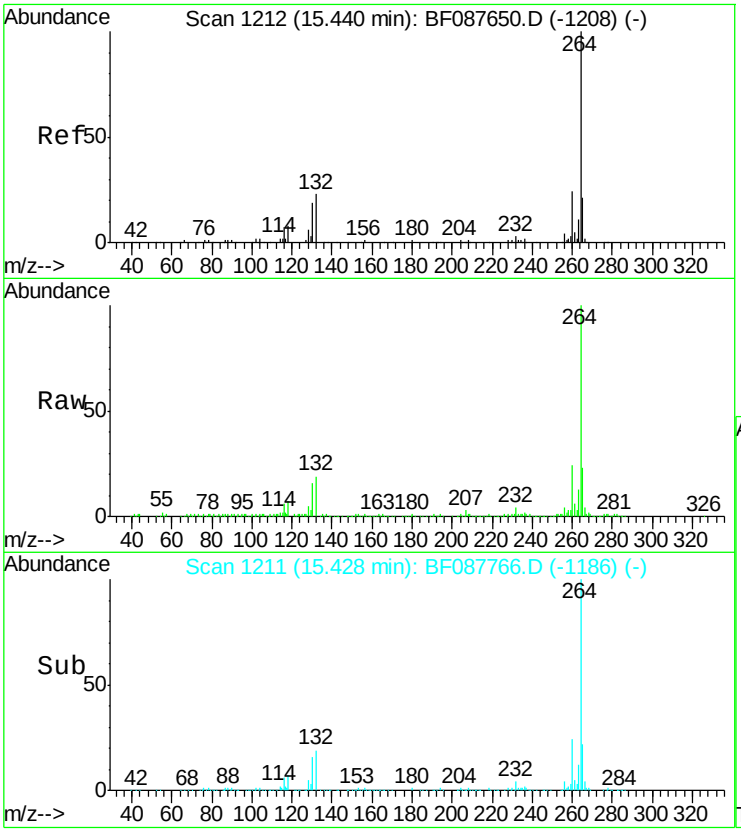


#85
Indeno(1,2,3-cd)pyrene
Concen: 7.32 ng
RT: 16.81 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:276 Resp: 73931

Ion	Ratio	Lower	Upper
276	100		
138	24.8	0.0	0.0#
277	24.4	0.0	0.0#



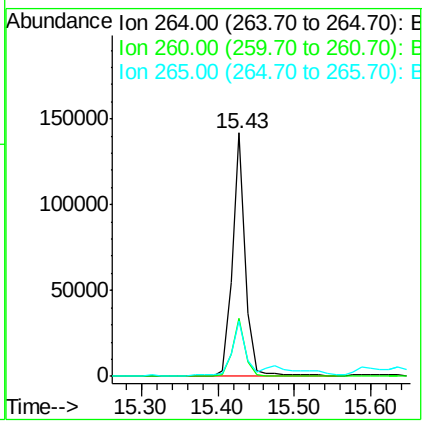


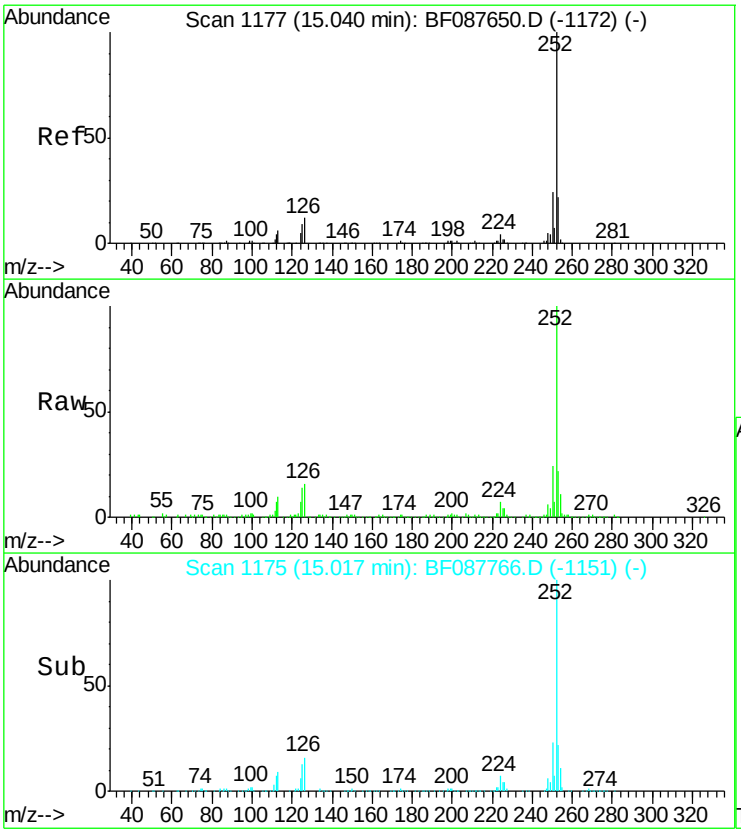
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:264 Resp: 170891

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.6	16.9	25.3

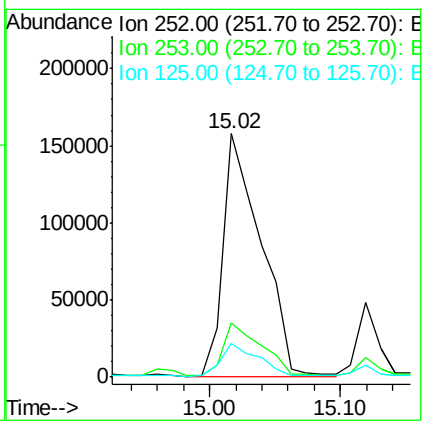


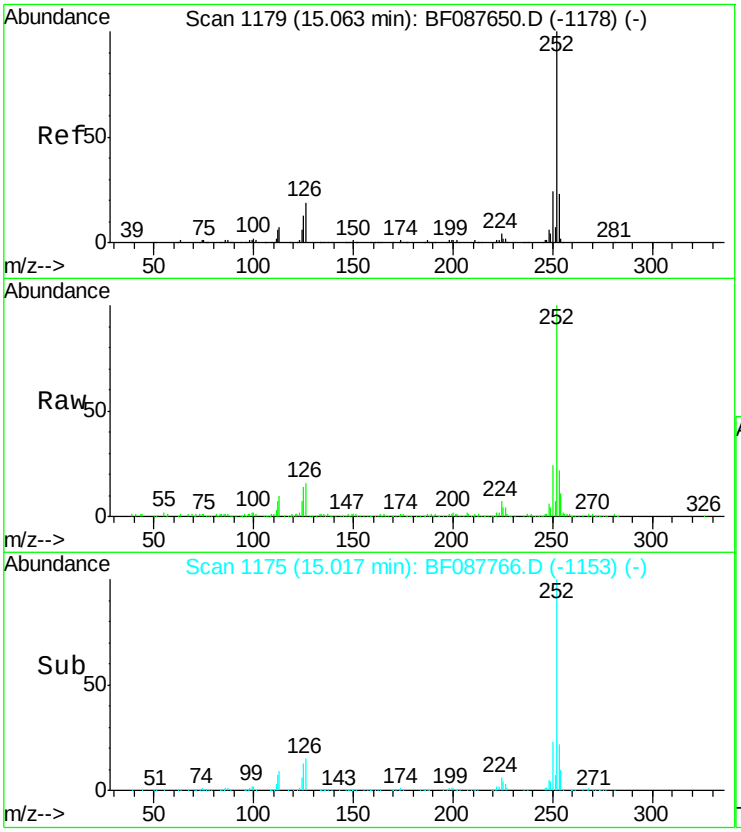


#87
Benzo(b)fluoranthene
Concen: 28.49 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:252 Resp: 316755

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.2
125	13.6	7.1	10.7#



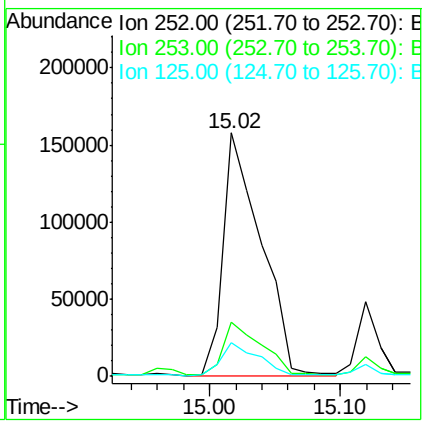


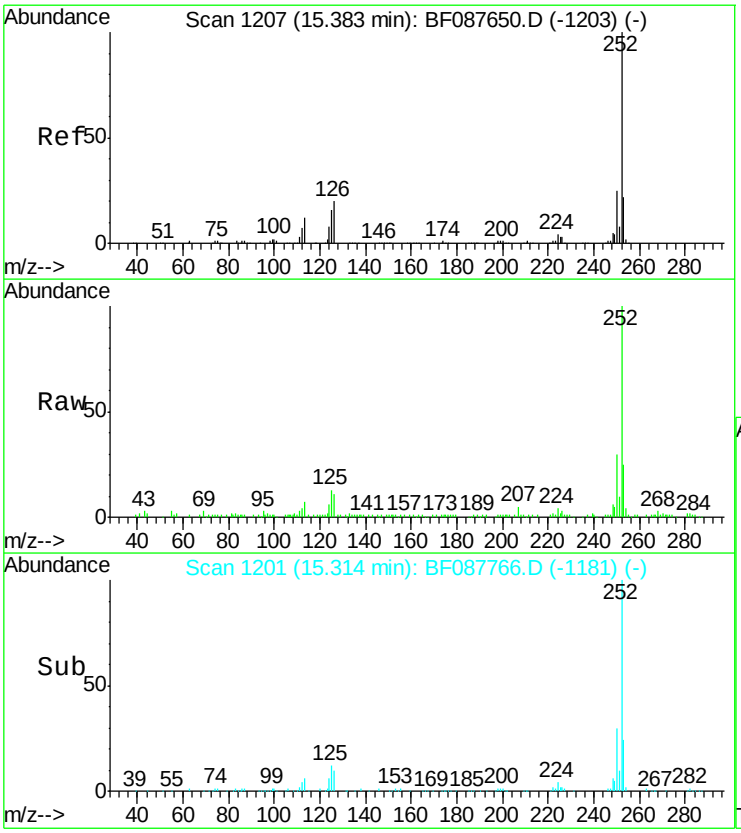
#88
Benzo(k)fluoranthene
Concen: 34.25 ng
RT: 15.02 min Scan# 1175
Delta R.T. -0.05 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:252 Resp: 316755

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	13.6	11.2	16.8

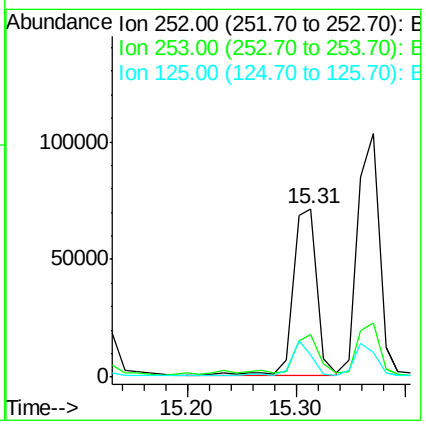


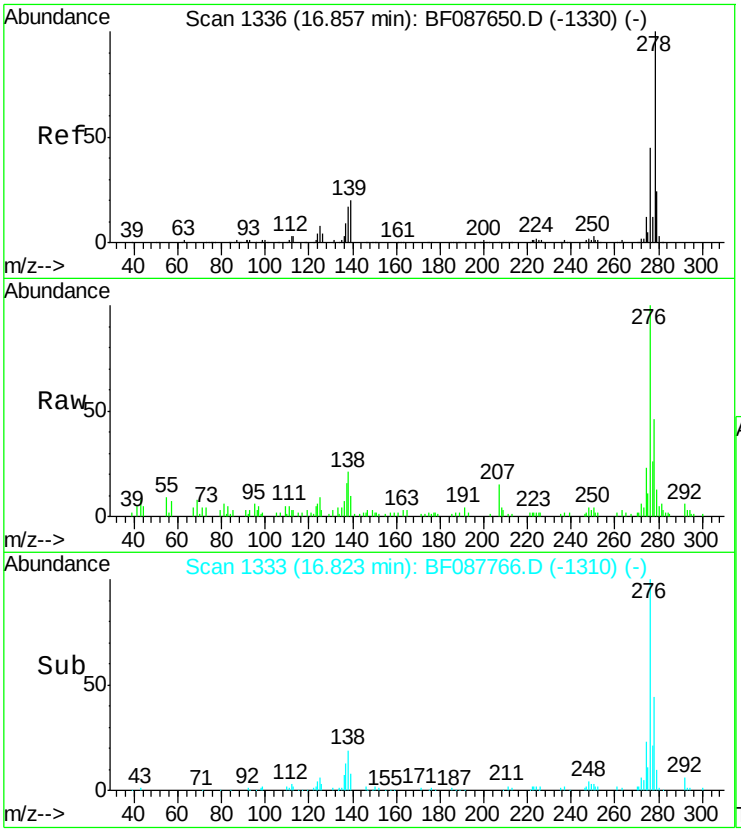


#89
Benzo(a)pyrene
Concen: 11.58 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.07 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:252 Resp: 108220

Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	13.1	12.5	18.7



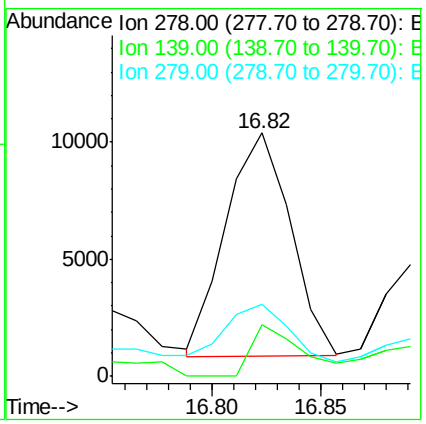


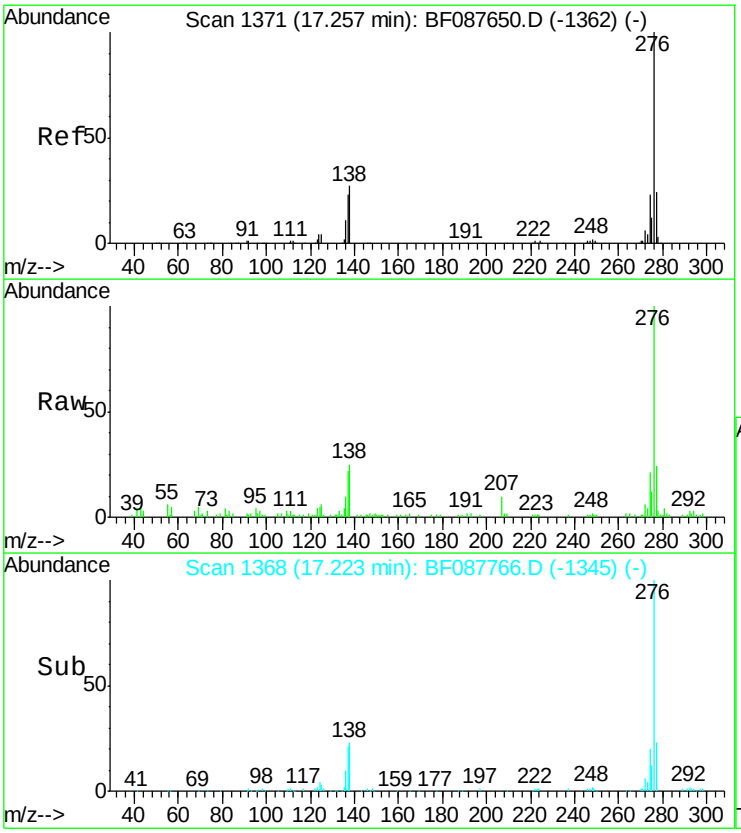
#90
Dibenzo(a,h)anthracene
Concen: 2.49 ng
RT: 16.82 min Scan# 1333
Delta R.T. -0.03 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Instrument :
BNA_F
ClientSampleId :
SC-1491(0-4)DL

Tgt Ion:278 Resp: 19801

Ion	Ratio	Lower	Upper
278	100		
139	21.4	15.7	23.5
279	29.4	19.4	29.2#





#91
Benzo(g,h,i)perylene
Concen: 8.43 ng
RT: 17.22 min Scan# 1368
Delta R.T. -0.03 min
Lab File: BF087766.D
Acq: 6 Jun 2016 22:21

Tgt Ion:276 Resp: 67653

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	25.2	21.4	32.2