Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079962.D
Acq On : 13 Jun 2015 6:48
Operator : TP/IZ
Sample : G2592-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-C2

Quant Time: Jun 15 00:53:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	40385	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	160628	20.00	ng		0.00
38) Acenaphthene-d10	10.44	164	86877	20.00	ng		0.00
63) Phenanthrene-d10	11.95	188	186047	20.00	ng		-0.02
75) Chrysene-d12	0.00	240	0	0.00	ng		-15.14
86) Perylene-d12	17.05	264	1051	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	173896	78.96	ng		0.00
7) Phenol-d6	6.97	99	230756	76.90	ng		0.00
23) Nitrobenzene-d5	7.93	82	119714	49.17	ng		0.00
41) 2,4,6-Tribromophenol	11.23	330	49031	57.73	ng		-0.01
44) 2-Fluorobiphenyl	9.75	172	247445	39.88	ng		0.00
78) Terphenyl-d14	13.65	244	312107	0.00	ng		-0.13
Target Compounds							Qvalue
49) Dimethylphthalate	10.12	163	42286	6.08	ng		99
50) 2,6-Dinitrotoluene	10.12	165	611	3.50	ng	#	1
55) 4-Nitrophenol	10.65	139	2255	4.53	ng	#	1
70) Phenanthrene	11.98	178	134780	12.16	ng		97
71) Anthracene	12.02	178	40657	3.79	ng		98
74) Fluoranthene	13.23	202	428073	34.92	ng		95
87) Benzo(b)fluoranthene	16.42	252	53526	831.17	ng	#	89
88) Benzo(k)fluoranthene	16.42	252	53526	814.98	ng	#	90
89) Benzo(a)pyrene	16.87	252	91370	1491.90	ng	#	93
90) Dibenzo(a,h)anthracene	19.04	278	35261	585.71	ng		98
91) Benzo(g,h,i)perylene	19.47	276	2038	32.72	ng	#	60

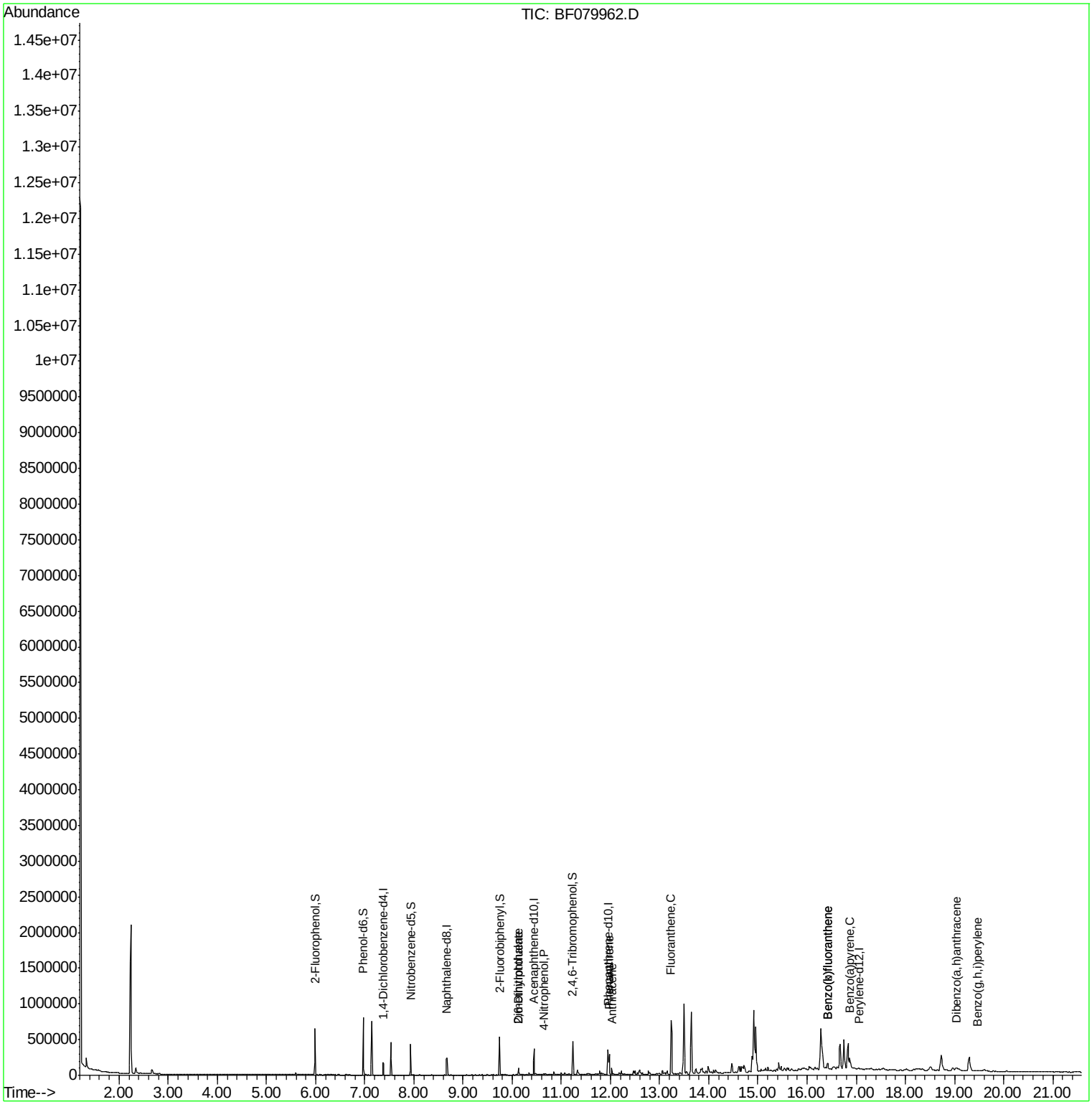
(#) = qualifier out of range (m) = manual integration (+) = signals summed

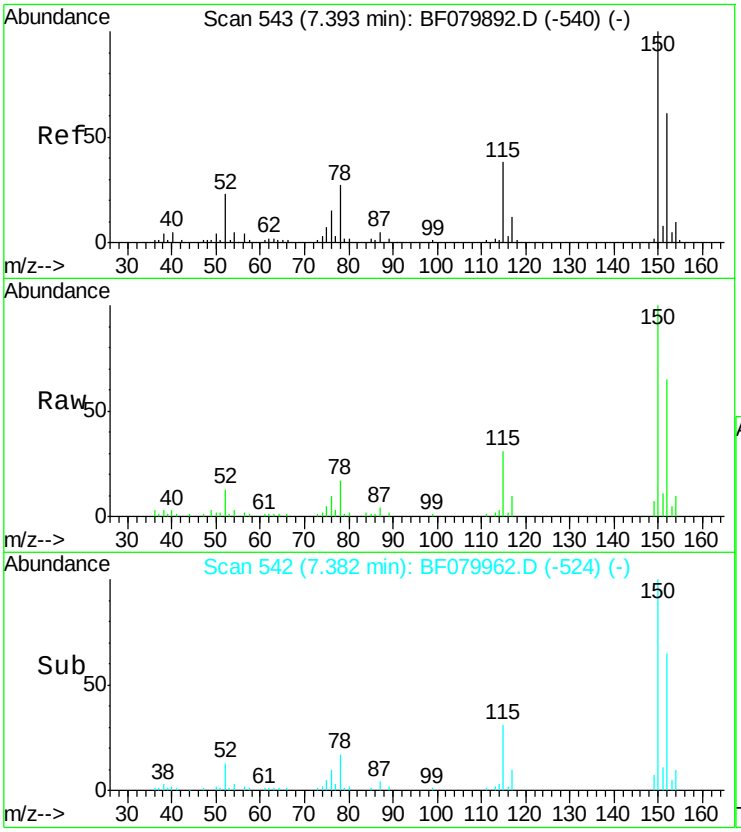
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079962.D
Acq On : 13 Jun 2015 6:48
Operator : TP/IZ
Sample : G2592-06 2X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Quant Time: Jun 15 00:53:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration



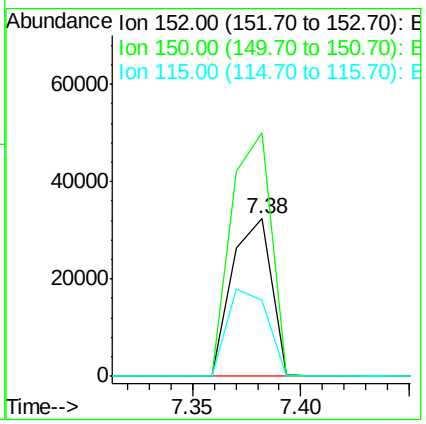


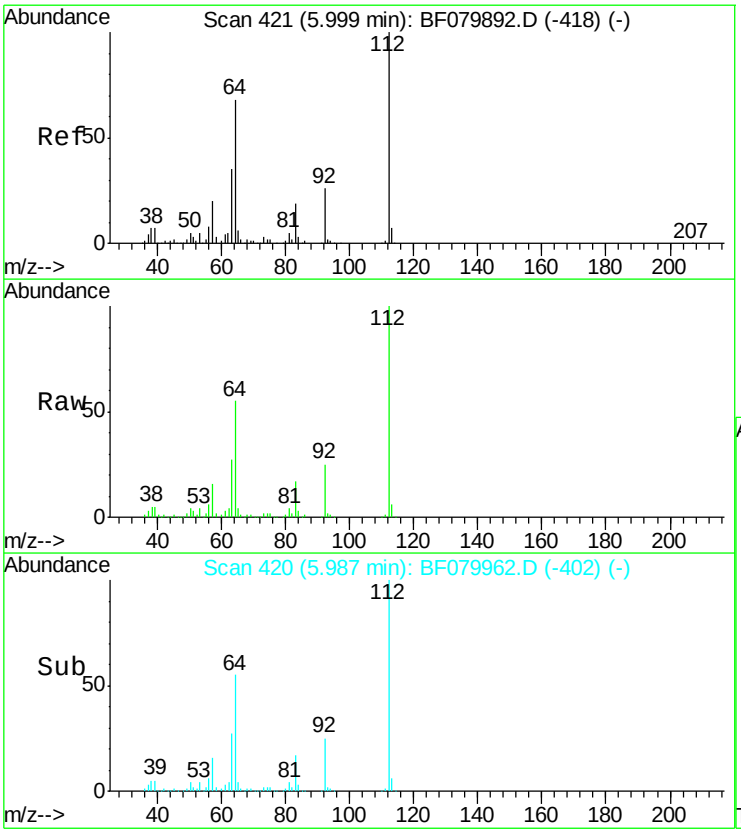
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:152 Resp: 40385

Ion	Ratio	Lower	Upper
152	100		
150	154.7	131.0	196.4
115	48.0	49.8	74.6#

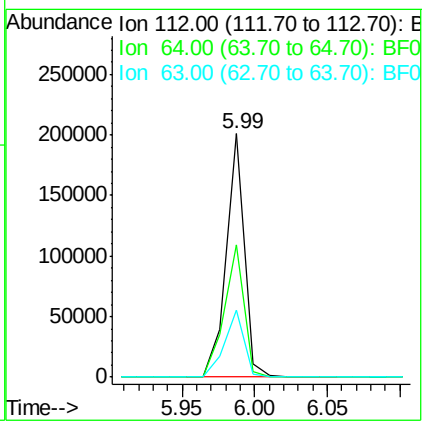


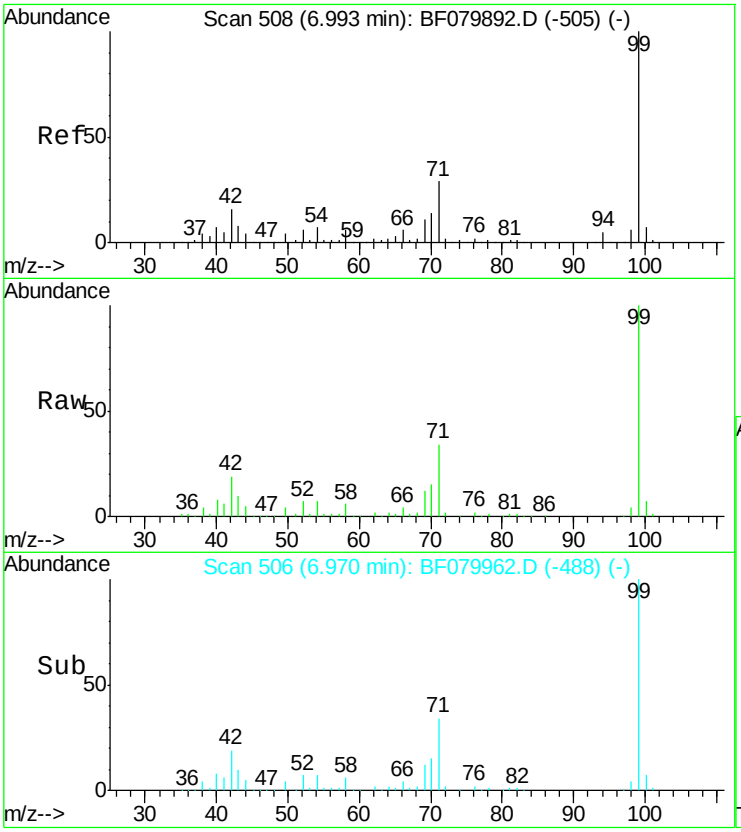


#5
2-Fluorophenol
Concen: 78.96 ng
RT: 5.99 min Scan# 420
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:112 Resp: 173896

Ion	Ratio	Lower	Upper
112	100		
64	54.6	54.5	81.7
63	27.3	27.9	41.9#



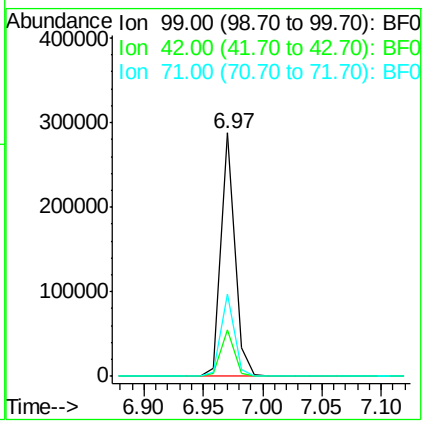


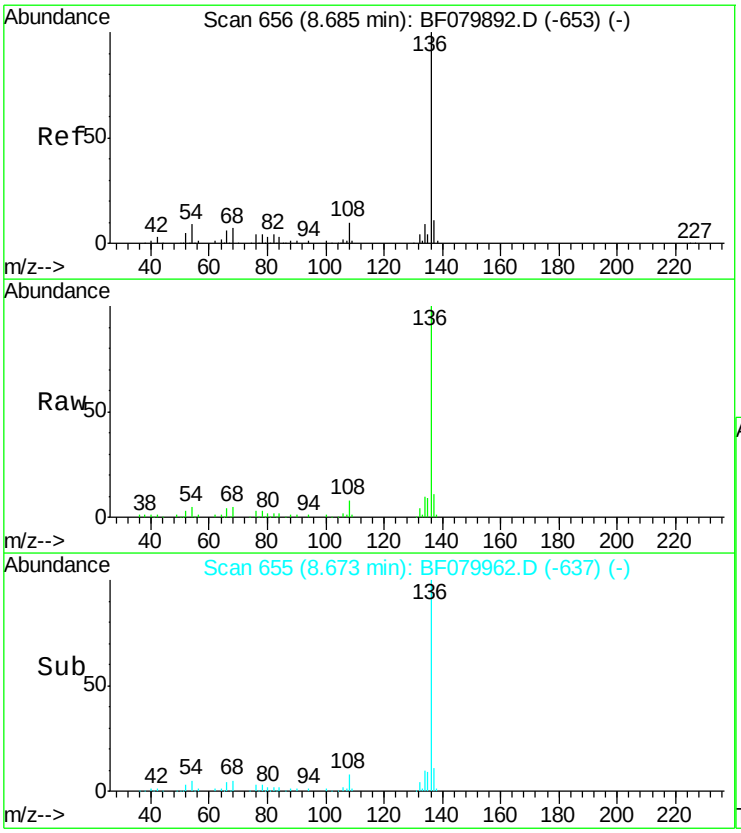
#7
Phenol-d6
Concen: 76.90 ng
RT: 6.97 min Scan# 506
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion: 99 Resp: 230756

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.9	19.3
71	34.1	23.4	35.2

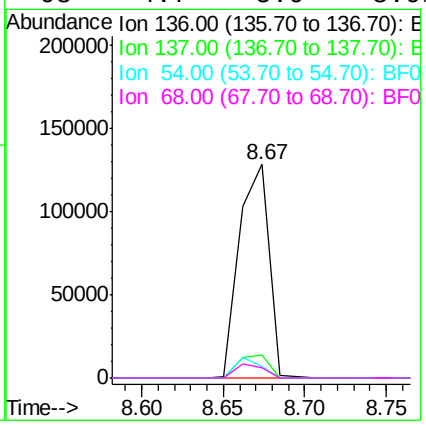


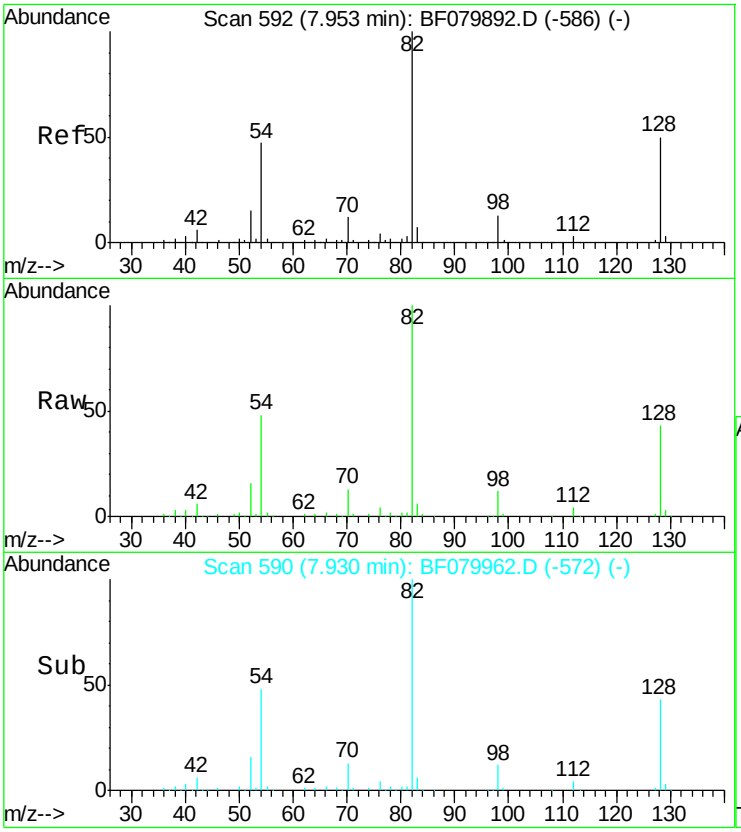


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.67 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:136 Resp: 160628

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	5.5	7.3	10.9#
68	4.7	5.9	8.9#



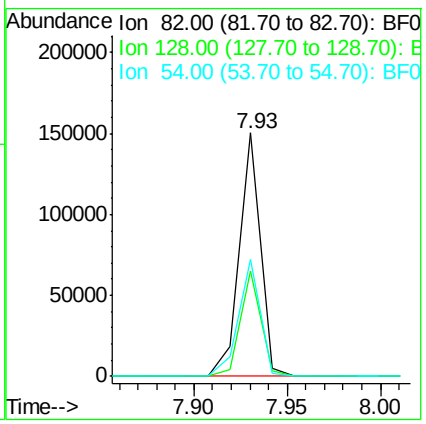


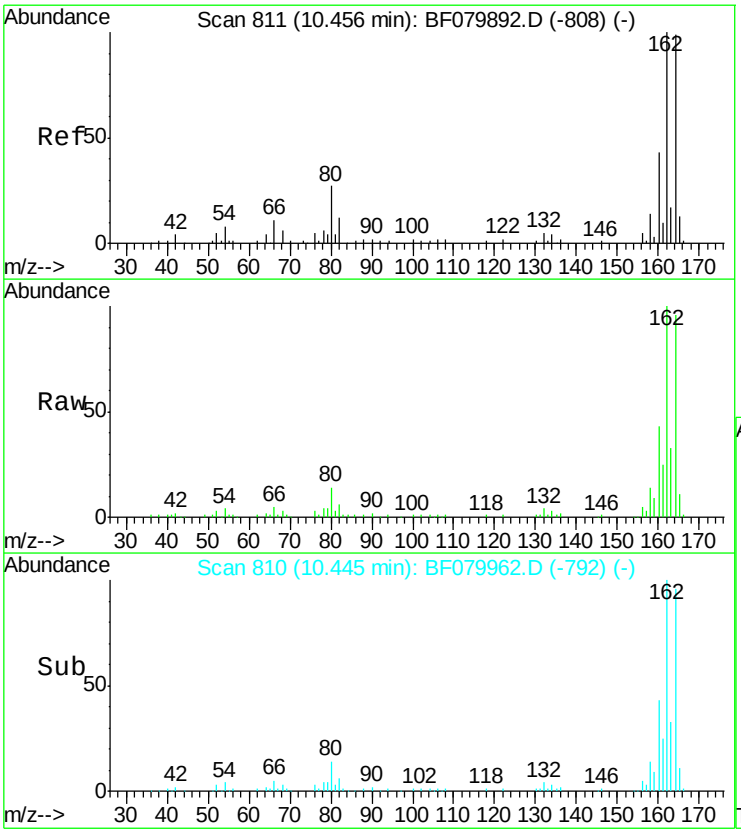
#23
Nitrobenzene-d5
Concen: 49.17 ng
RT: 7.93 min Scan# 590
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion: 82 Resp: 119714

Ion	Ratio	Lower	Upper
82	100		
128	43.4	40.3	60.5
54	47.8	38.0	57.0

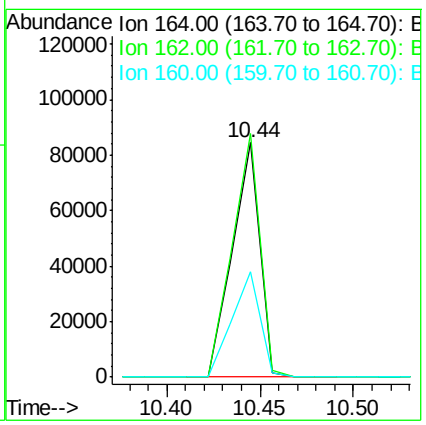


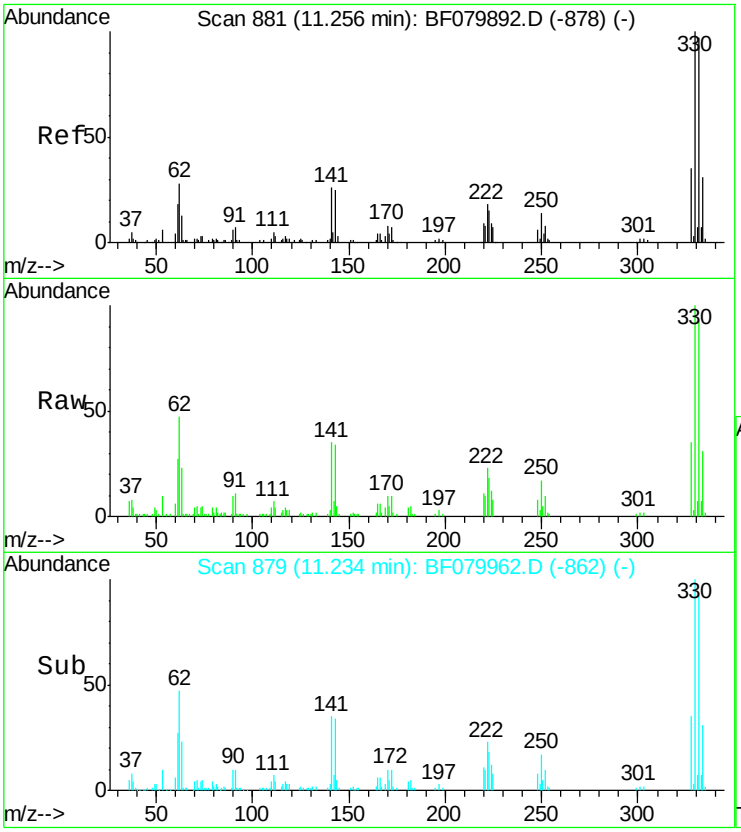


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.44 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:164 Resp: 86877

Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.7	121.1
160	44.8	34.6	51.8



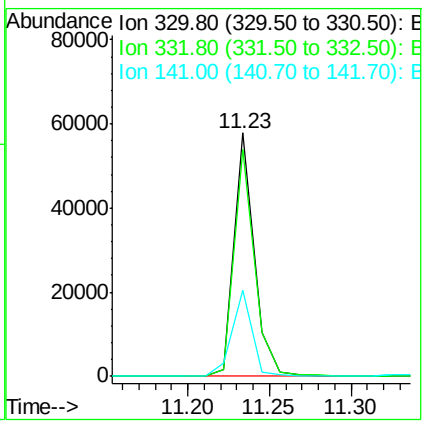


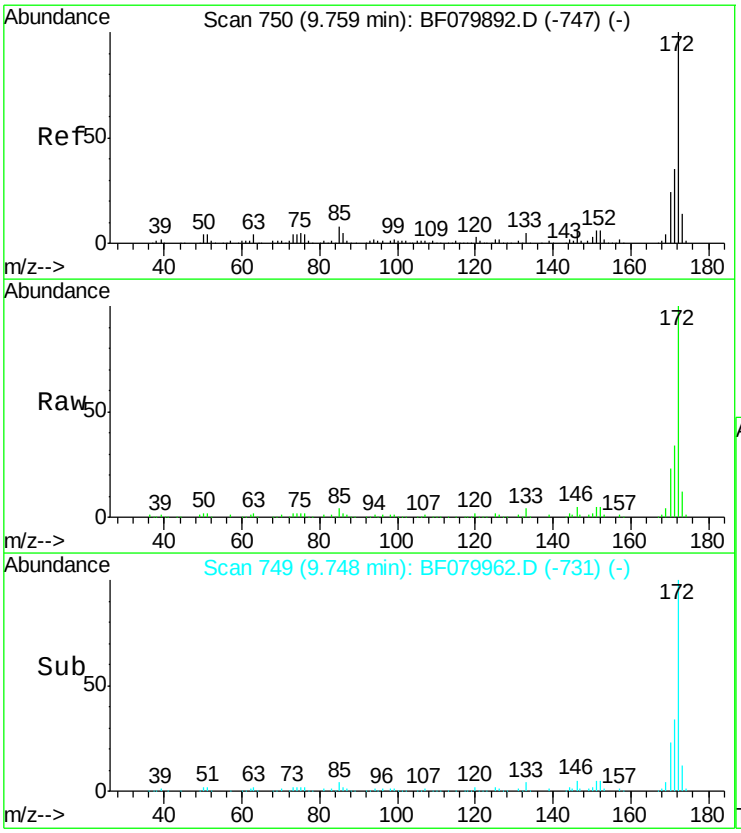
#41
2,4,6-Tribromophenol
Concen: 57.73 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:330 Resp: 49031

Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.3	115.9
141	34.9	26.8	40.2

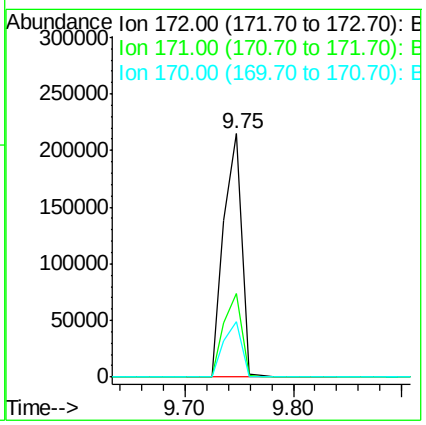


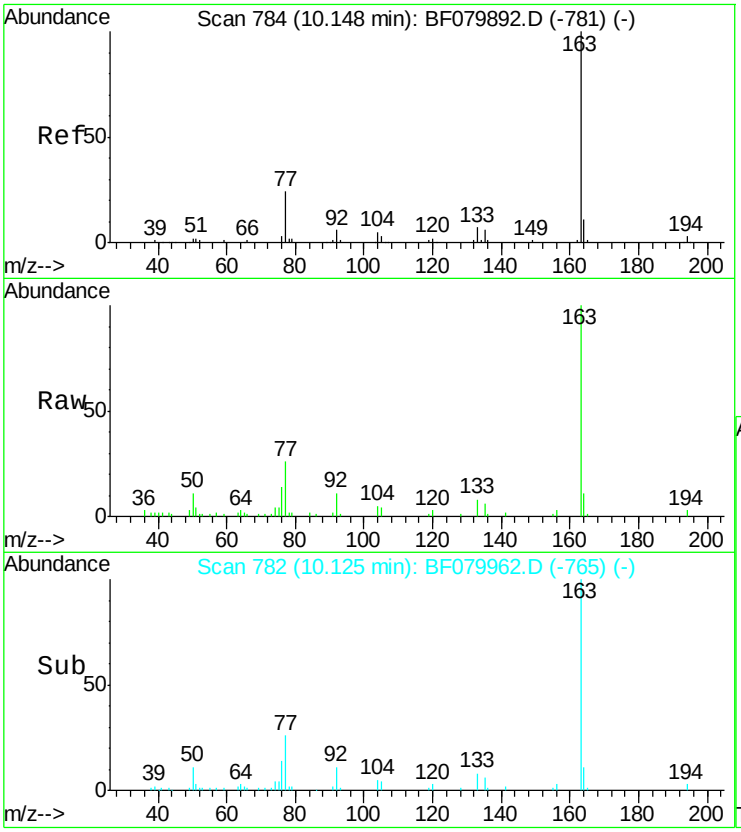


#44
2-Fluorobiphenyl
Concen: 39.88 ng
RT: 9.75 min Scan# 749
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:172 Resp: 247445

Ion	Ratio	Lower	Upper
172	100		
171	34.1	28.3	42.5
170	22.7	19.0	28.4



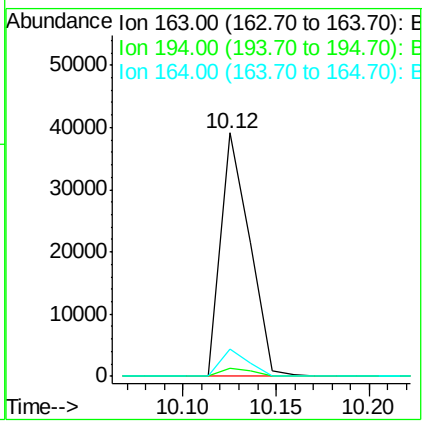


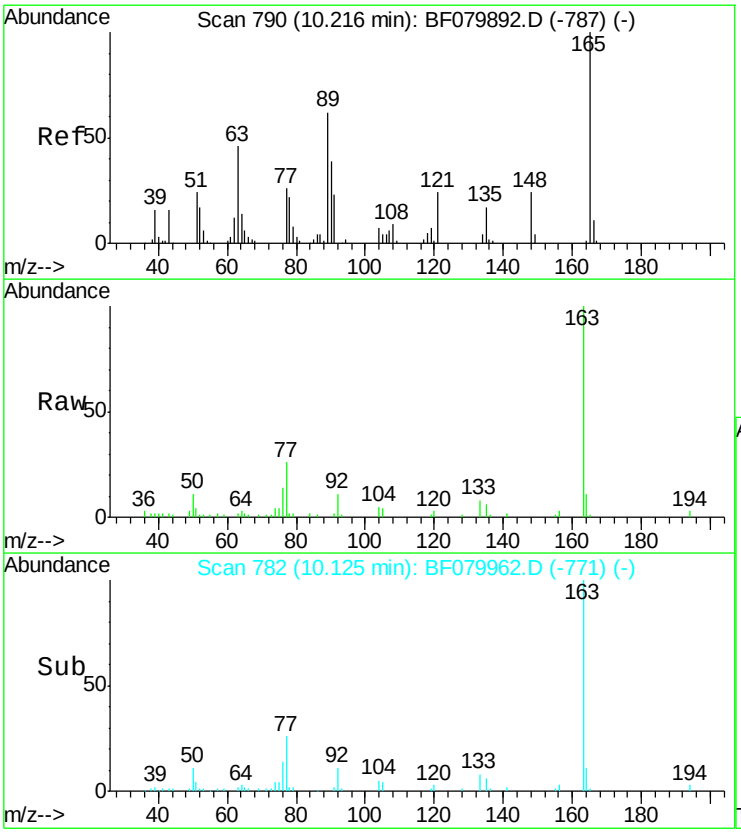
#49
Dimethylphthalate
Concen: 6.08 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:163 Resp: 42286

Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	11.0	8.6	12.8

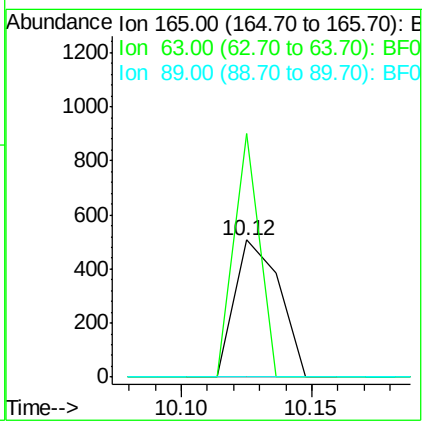


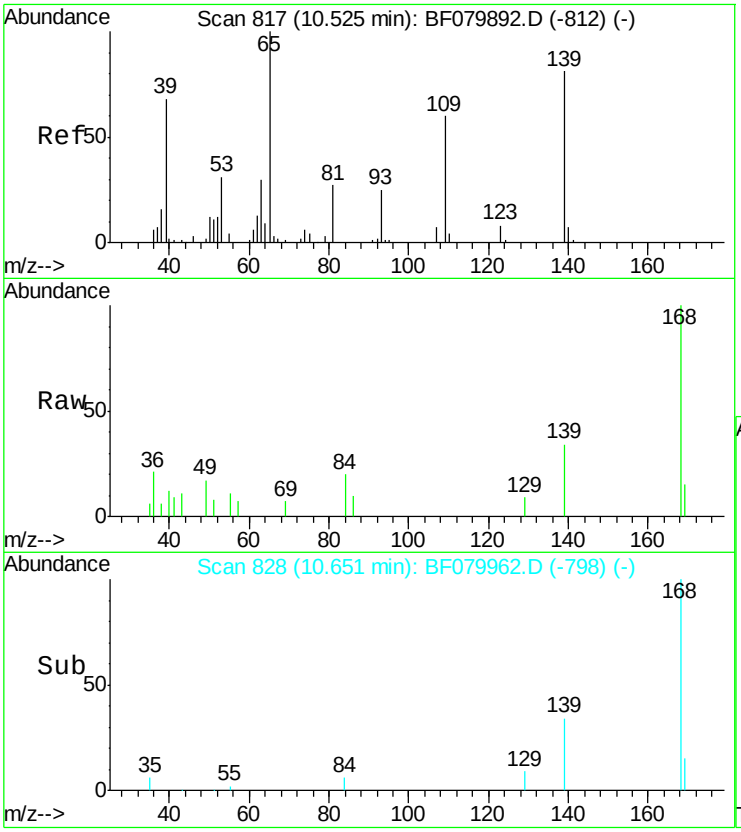


#50
2,6-Dinitrotoluene
Concen: 3.50 ng
RT: 10.12 min Scan# 782
Delta R.T. -0.08 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:165 Resp: 611

Ion	Ratio	Lower	Upper
165	100		
63	178.1	46.4	69.6#
89	0.0	49.6	74.4#



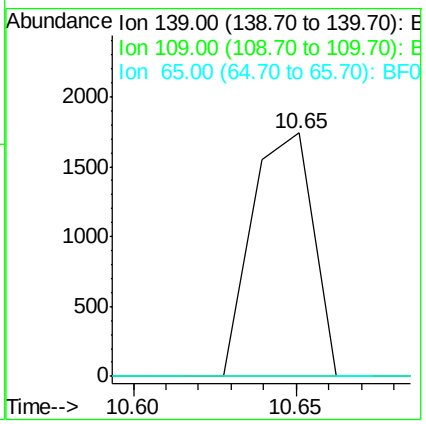


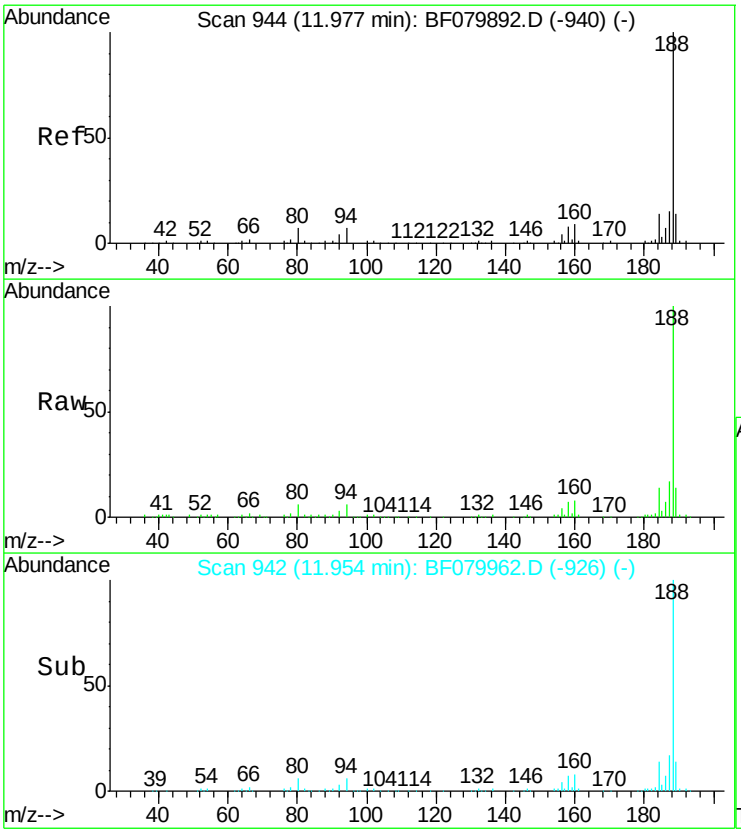
#55
4-Nitrophenol
Concen: 4.53 ng
RT: 10.65 min Scan# 828
Delta R.T. 0.14 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:139 Resp: 2255

Ion	Ratio	Lower	Upper
139	100		
109	0.0	54.8	94.8#
65	0.0	104.8	144.8#

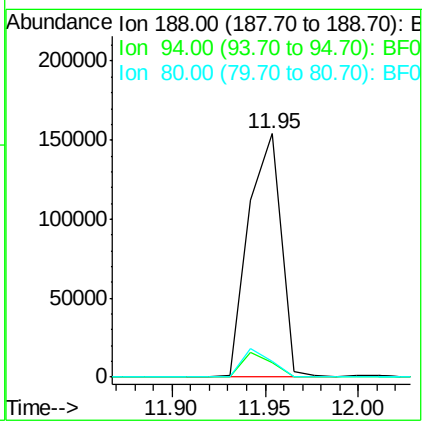


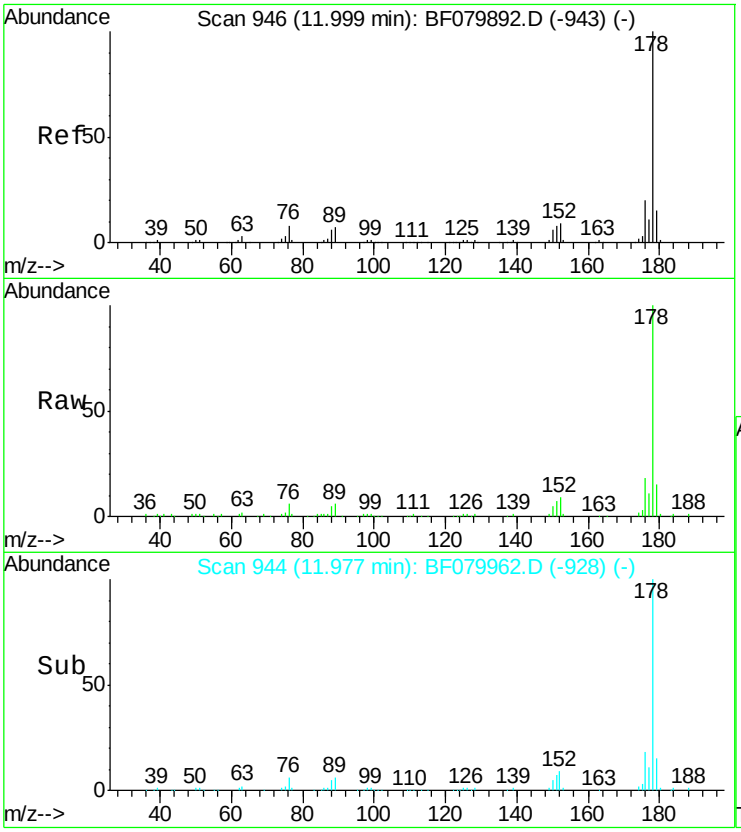


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.95 min Scan# 942
Delta R.T. -0.02 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:188 Resp: 186047

Ion	Ratio	Lower	Upper
188	100		
94	6.0	5.8	8.8
80	6.4	5.9	8.9



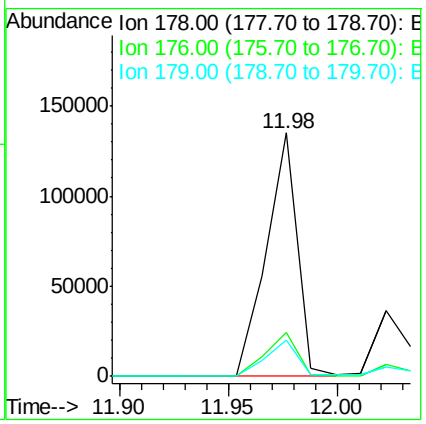


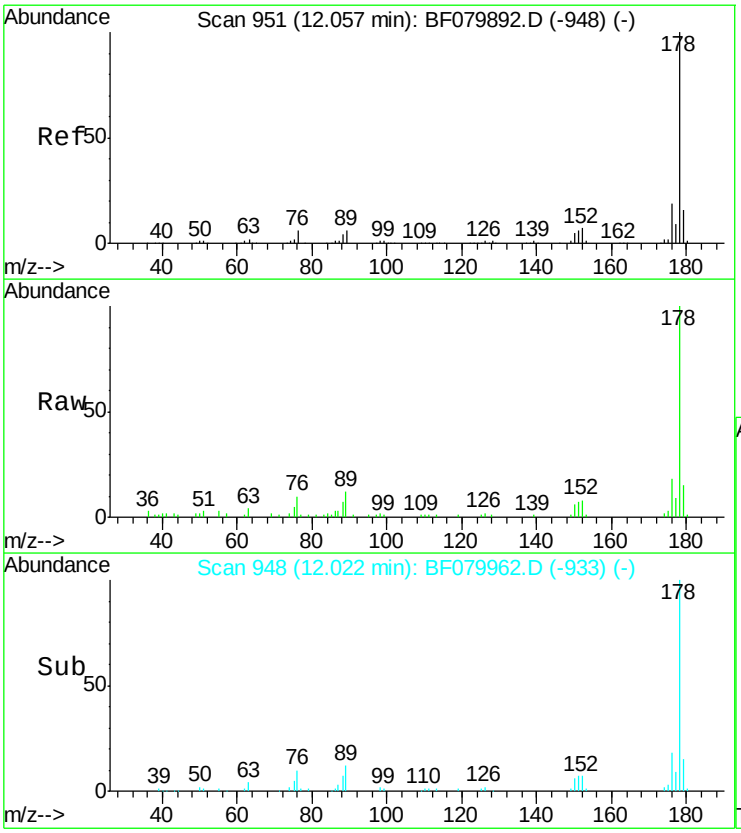
#70
Phenanthrene
Concen: 12.16 ng
RT: 11.98 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:178 Resp: 134780

Ion	Ratio	Lower	Upper
178	100		
176	17.9	15.9	23.9
179	15.0	12.3	18.5

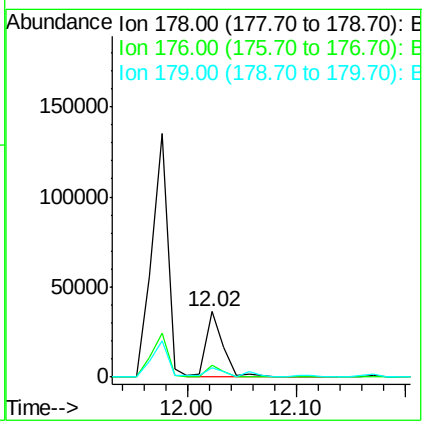


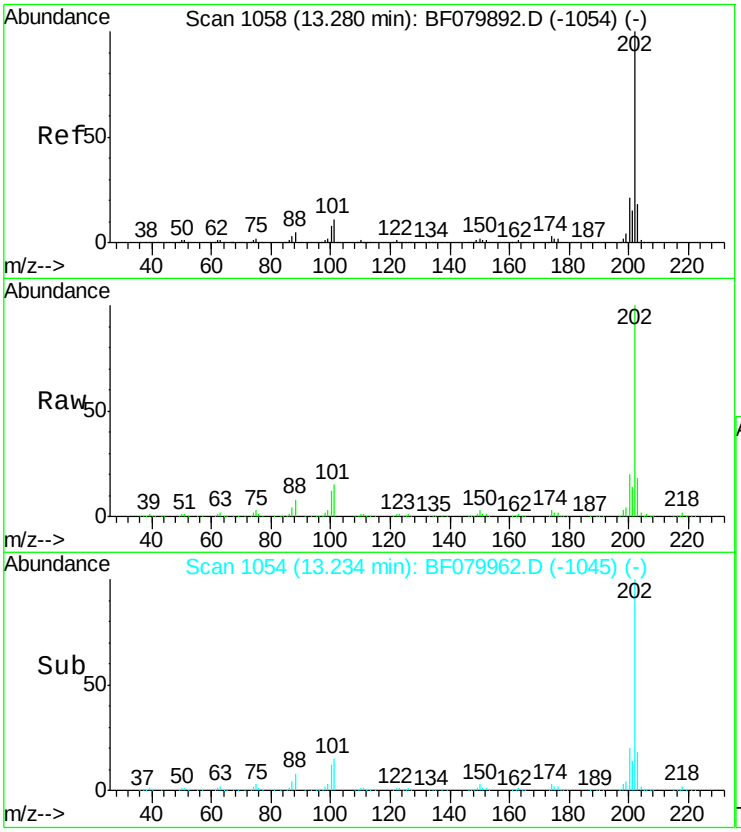


#71
Anthracene
Concen: 3.79 ng
RT: 12.02 min Scan# 948
Delta R.T. -0.03 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:178 Resp: 40657

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.2	22.8
179	14.9	12.5	18.7



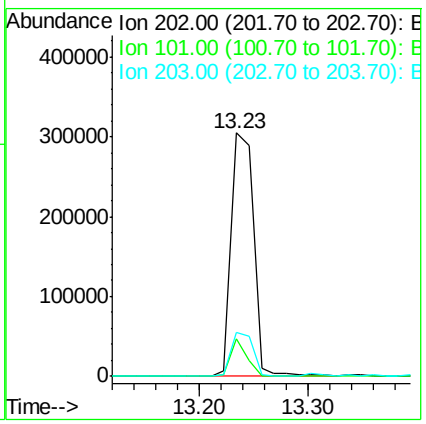


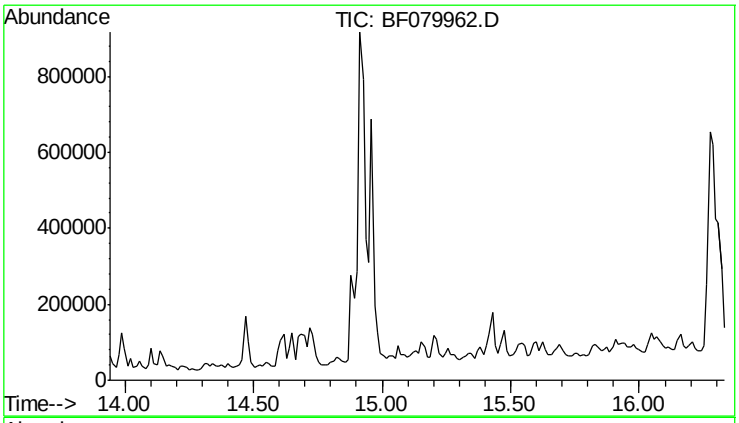
#74
Fluoranthene
Concen: 34.92 ng
RT: 13.23 min Scan# 1054
Delta R.T. -0.10 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:202 Resp: 428073

Ion	Ratio	Lower	Upper
202	100		
101	15.5	0.0	30.7
203	18.1	0.0	38.0



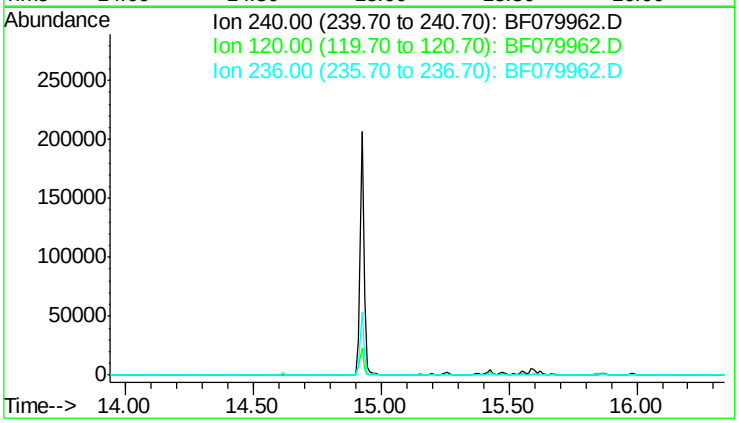


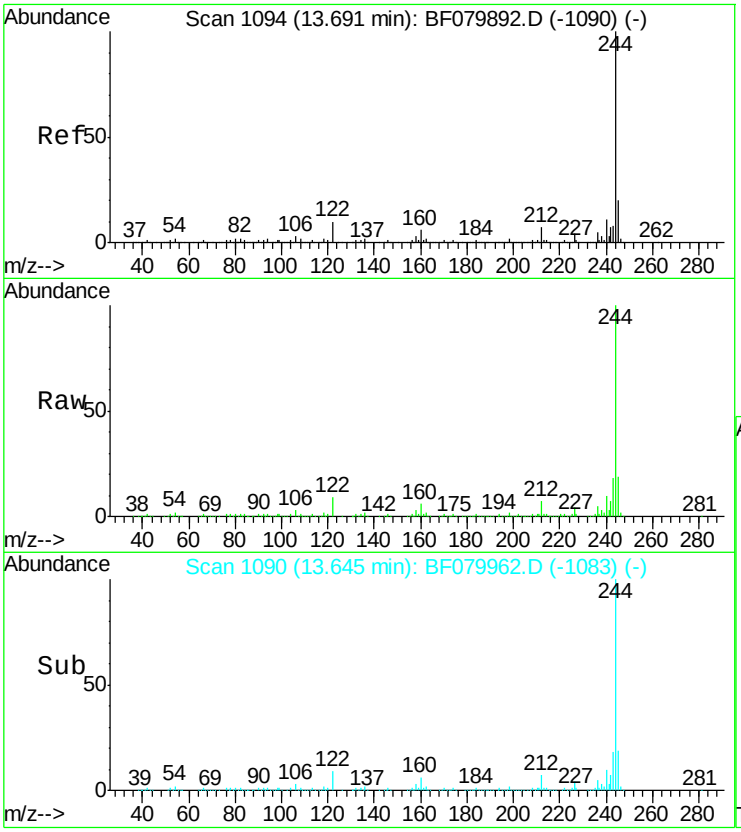
#75
Chrysene-d12
Concen: 0.00 ng
Expected RT: 15.14 min

Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion: 240

Sig	Exp Ratio
240	100
120	11.8
236	24.5



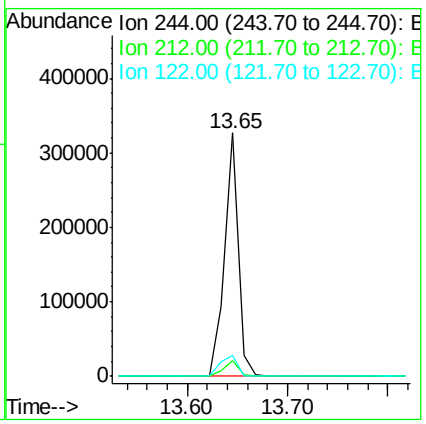


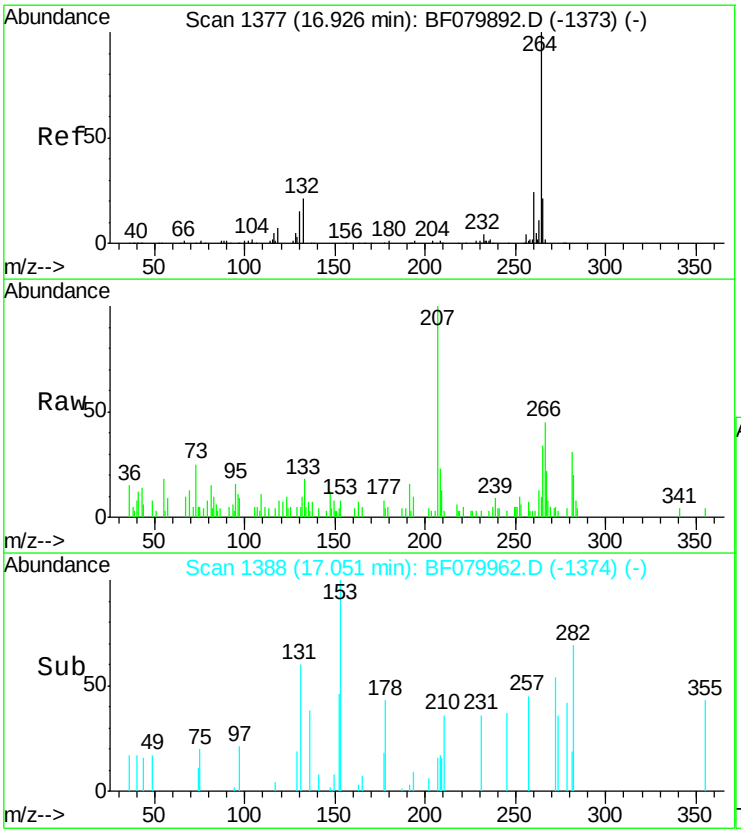
#78
Terphenyl-d14
Concen: 0.00 ng
RT: 13.65 min Scan# 1090
Delta R.T. -0.13 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:244 Resp: 312107

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	8.6	7.8	11.8

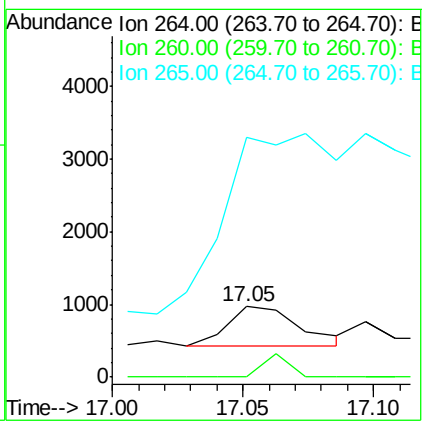


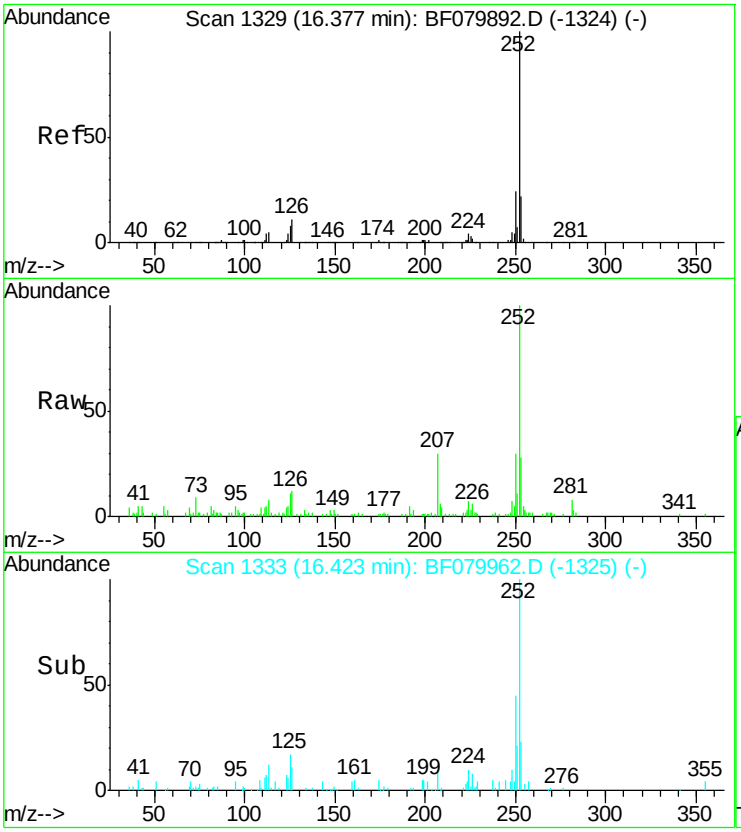


#86
Perylene-d12
Concen: 20.00 ng
RT: 17.05 min Scan# 1388
Delta R.T. -0.05 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:264 Resp: 1051

Ion	Ratio	Lower	Upper
264	100		
260	0.0	19.3	28.9#
265	339.8	17.0	25.6#



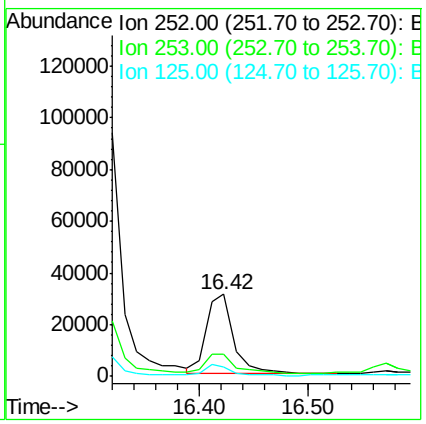


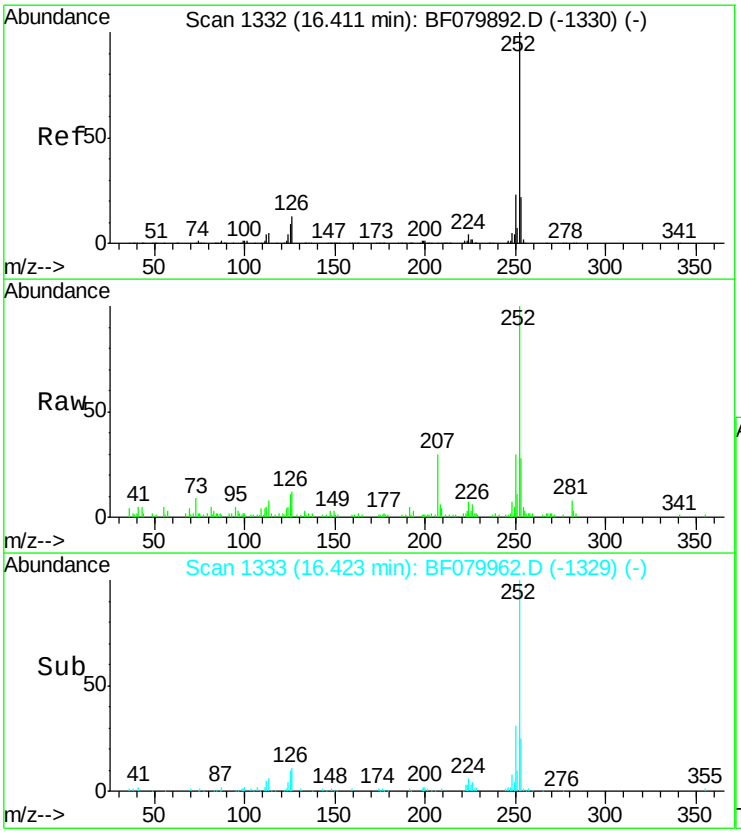
#87
Benzo(b)fluoranthene
Concen: 831.17 ng
RT: 16.42 min Scan# 1333
Delta R.T. -0.11 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:252 Resp: 53526

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.8	26.6#
125	11.3	6.5	9.7#

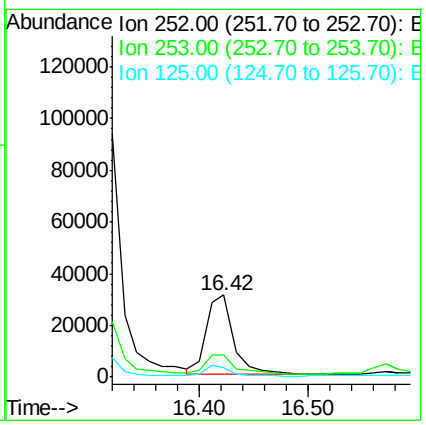


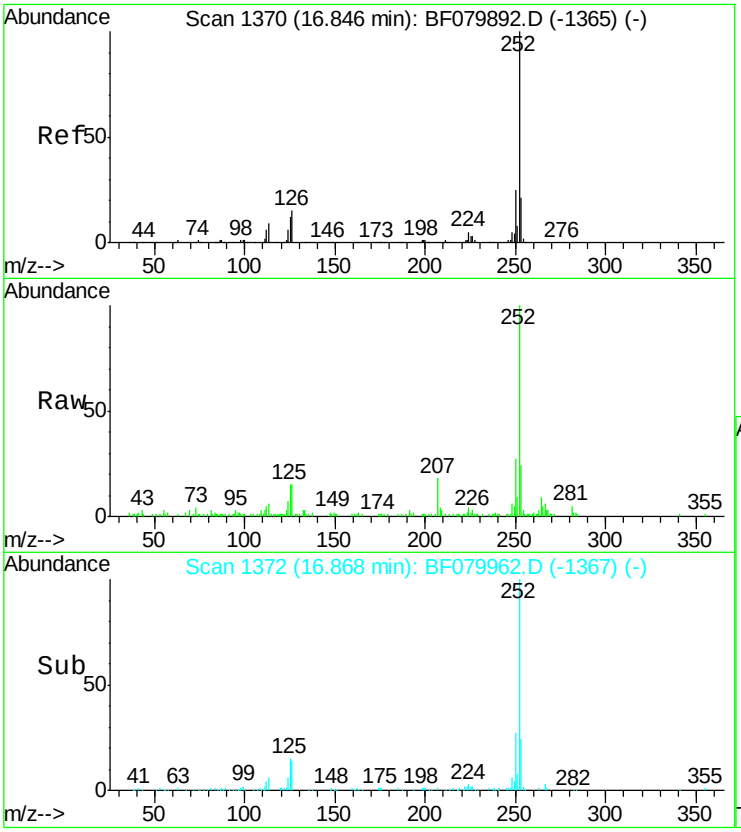


#88
Benzo(k)fluoranthene
Concen: 814.98 ng
RT: 16.42 min Scan# 1333
Delta R.T. -0.16 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:252 Resp: 53526

Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.4	26.2#
125	11.3	7.4	11.0#



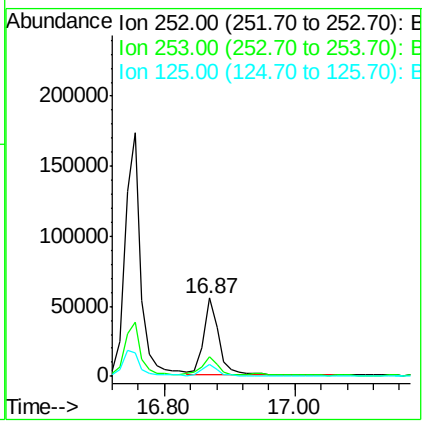


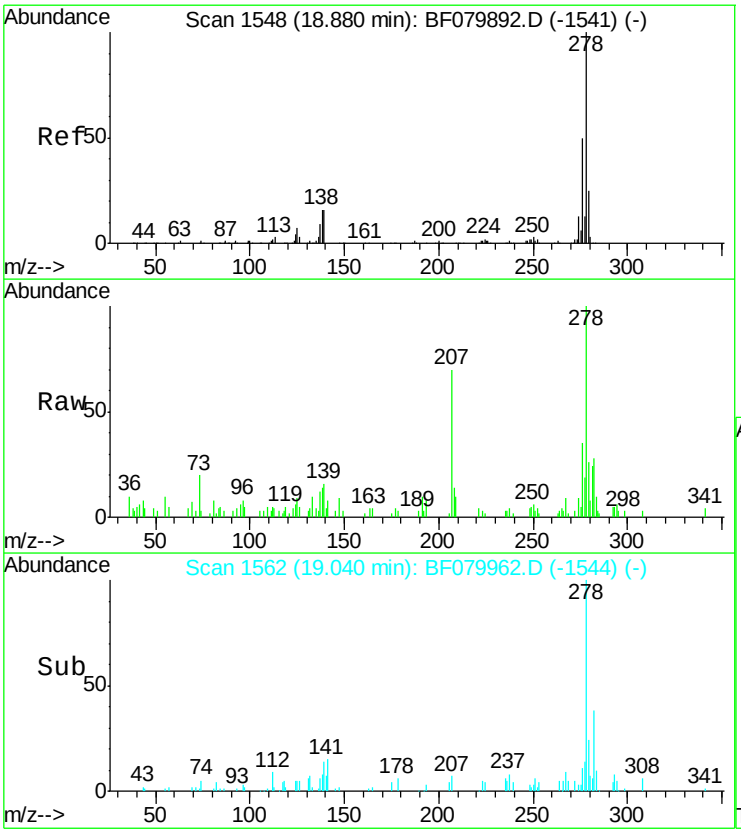
#89
Benzo(a)pyrene
Concen: 1491.90 ng
RT: 16.87 min Scan# 1372
Delta R.T. -0.15 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:252 Resp: 91370

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.0	25.6
125	15.4	9.7	14.5#

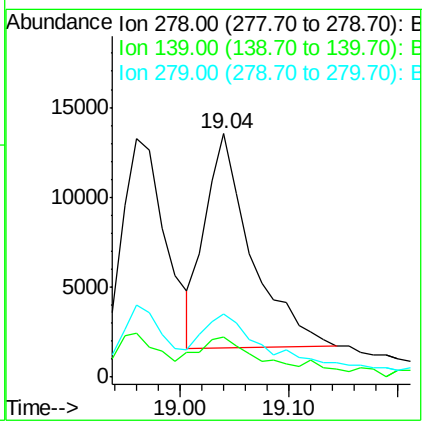


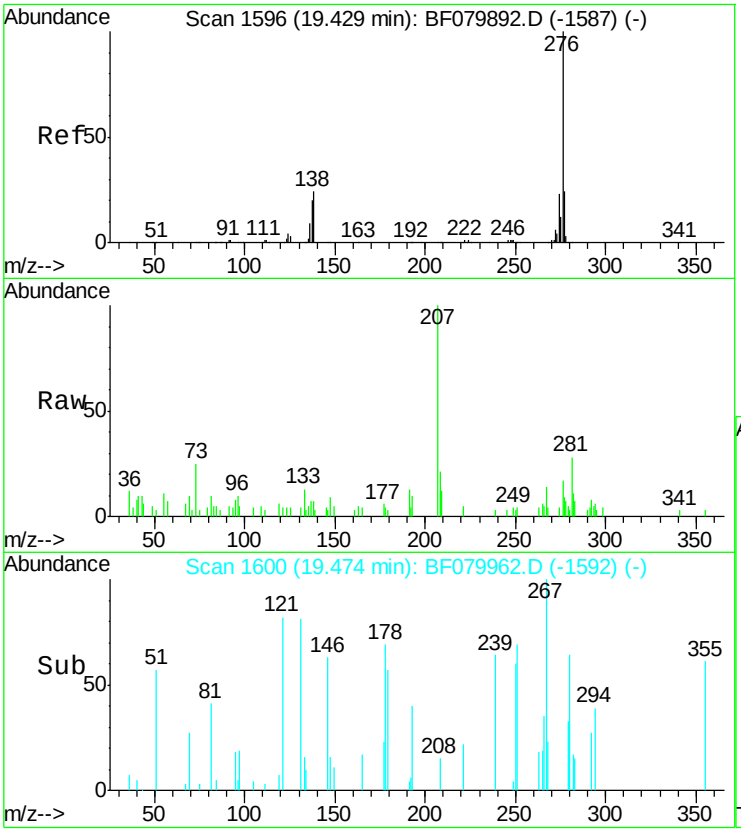


#90
Dibenzo(a,h)anthracene
Concen: 585.71 ng
RT: 19.04 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Tgt Ion:278 Resp: 35261

Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.8	19.2
279	25.7	19.7	29.5





#91
Benzo(g,h,i)perylene
Concen: 32.72 ng
RT: 19.47 min Scan# 1600
Delta R.T. -0.11 min
Lab File: BF079962.D
Acq: 13 Jun 2015 6:48

Instrument :
BNA_F
ClientSampleId :
TEC-C2

Tgt Ion:276 Resp: 2038

Ion	Ratio	Lower	Upper
276	100		
277	49.5	19.4	29.2#
138	38.4	19.1	28.7#