Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079905.D
Acq On : 11 Jun 2015 20:04
Operator : TP/IZ
Sample : G2556-06DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FB060515DL

Quant Time: Jun 12 04:29:19 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 00:59:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	42232	20.00	ng	0.00
21) Naphthalene-d8	8.68	136	168664	20.00	ng	0.00
38) Acenaphthene-d10	10.46	164	84415	20.00	ng	0.00
63) Phenanthrene-d10	11.97	188	187549	20.00	ng	-0.01
75) Chrysene-d12	14.95	240	204484	20.00	ng	-0.05
86) Perylene-d12	16.87	264	188461	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.00	112	26613	10.56	ng	0.00
7) Phenol-d6	6.98	99	21019	6.37	ng	-0.01
23) Nitrobenzene-d5	7.94	82	34661	12.22	ng	-0.01
41) 2,4,6-Tribromophenol	11.26	330	13698	18.18	ng	0.00
44) 2-Fluorobiphenyl	9.76	172	131971	22.03	ng	0.00
78) Terphenyl-d14	13.67	244	139018	15.45	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	7.55	79	706	0.27	ng	# 17
22) Acetophenone	7.79	105	326	0.08	ng	# 53
56) 2,4-Dinitrotoluene	10.46	165	11149	7.57	ng	# 32
73) Di-n-butylphthalate	12.53	149	236	0.02	ng	# 79
74) Fluoranthene	13.26	202	322	0.03	ng	64
76) Benzidine	13.38	184	1599	0.27	ng	# 67
77) Pyrene	13.52	202	237	0.02	ng	# 57
80) Benzo(a)anthracene	14.94	228	1066	0.09	ng	# 51
82) Chrysene	14.98	228	842	0.07	ng	# 49
83) Bis(2-ethylhexyl)phthalate	14.90	149	189317	28.16	ng	# 99
85) Indeno(1,2,3-cd)pyrene	18.78	276	5255	0.43	ng	# 58
87) Benzo(b)fluoranthene	16.31	252	1727	0.15	ng	# 60
88) Benzo(k)fluoranthene	16.34	252	1445	0.12	ng	# 60
89) Benzo(a)pyrene	16.78	252	1648	0.16	ng	# 60
90) Dibenzo(a,h)anthracene	18.79	278	4061	0.41	ng	# 55
91) Benzo(g,h,i)perylene	19.35	276	4954	0.48	ng	# 71

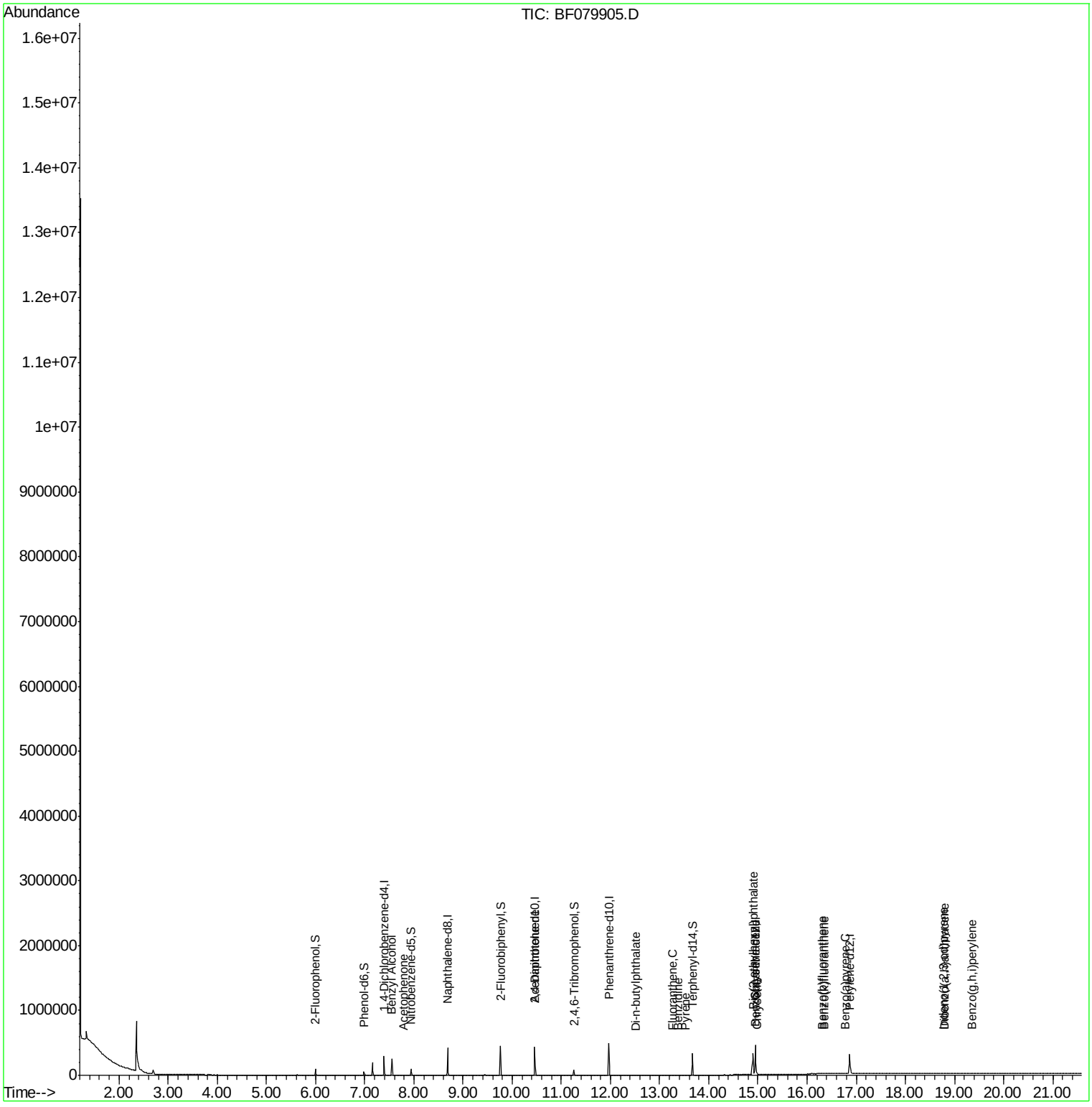
(#) = qualifier out of range (m) = manual integration (+) = signals summed

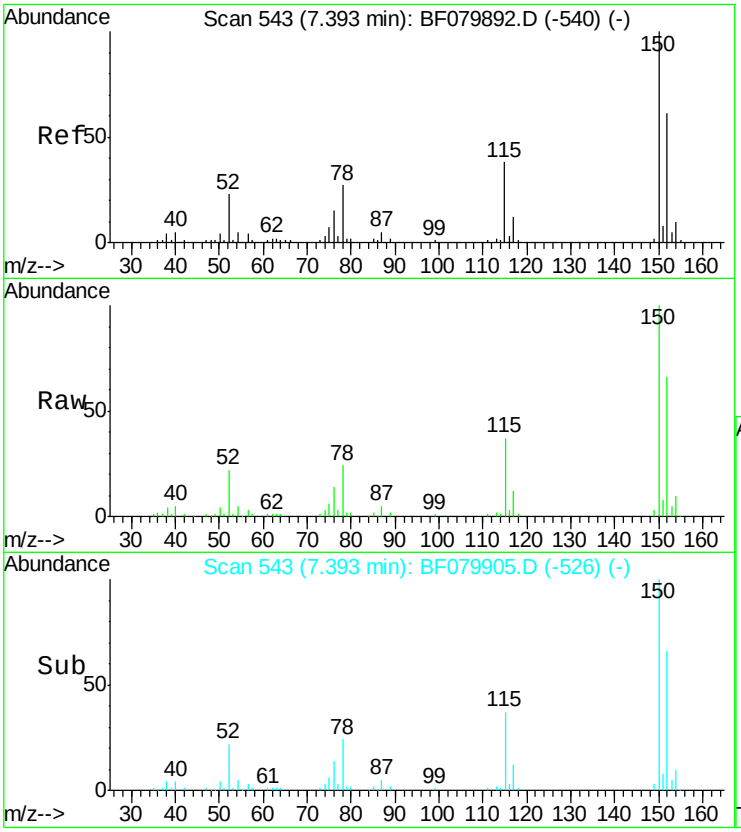
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061115\
Data File : BF079905.D
Acq On : 11 Jun 2015 20:04
Operator : TP/IZ
Sample : G2556-06DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Quant Time: Jun 12 04:29:19 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 00:59:58 2015
Response via : Initial Calibration



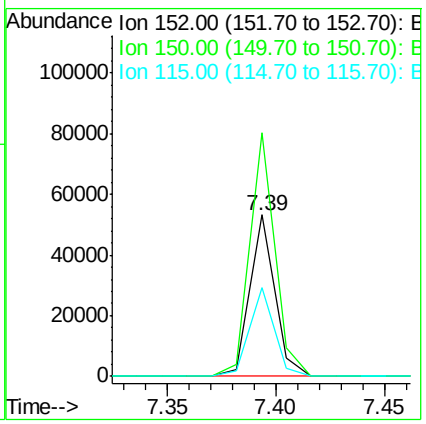


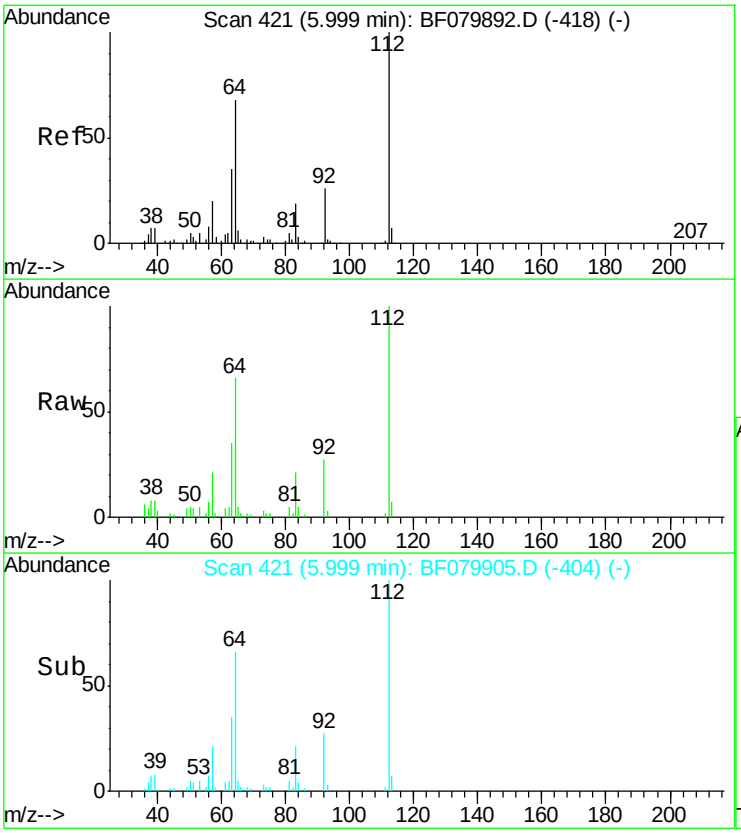
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.39 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion:152 Resp: 42232

Ion	Ratio	Lower	Upper
152	100		
150	151.0	131.0	196.4
115	55.4	49.8	74.6

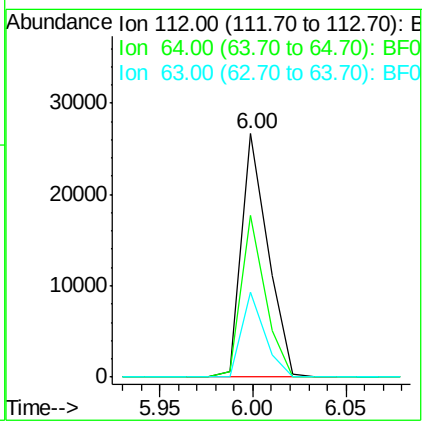


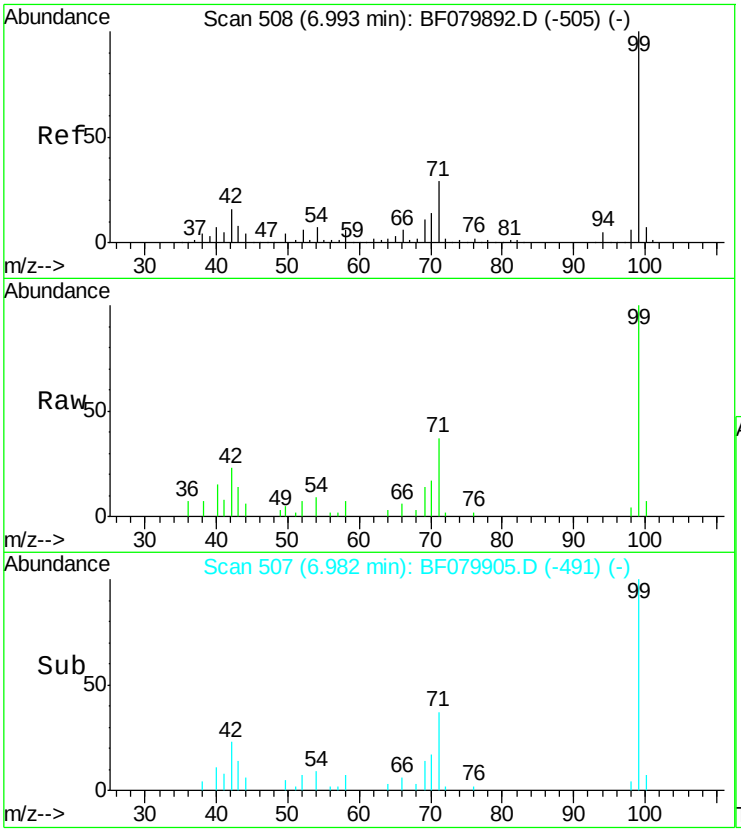


#5
2-Fluorophenol
Concen: 10.56 ng
RT: 6.00 min Scan# 421
Delta R.T. 0.00 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:112 Resp: 26613

Ion	Ratio	Lower	Upper
112	100		
64	66.2	54.5	81.7
63	34.7	27.9	41.9



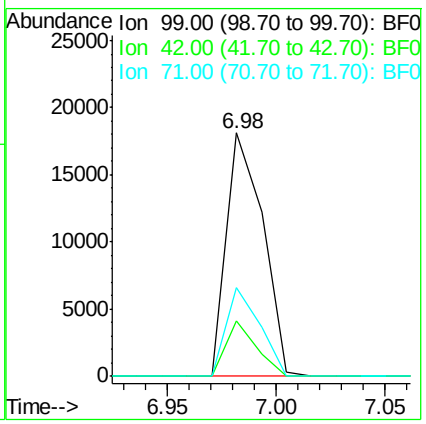


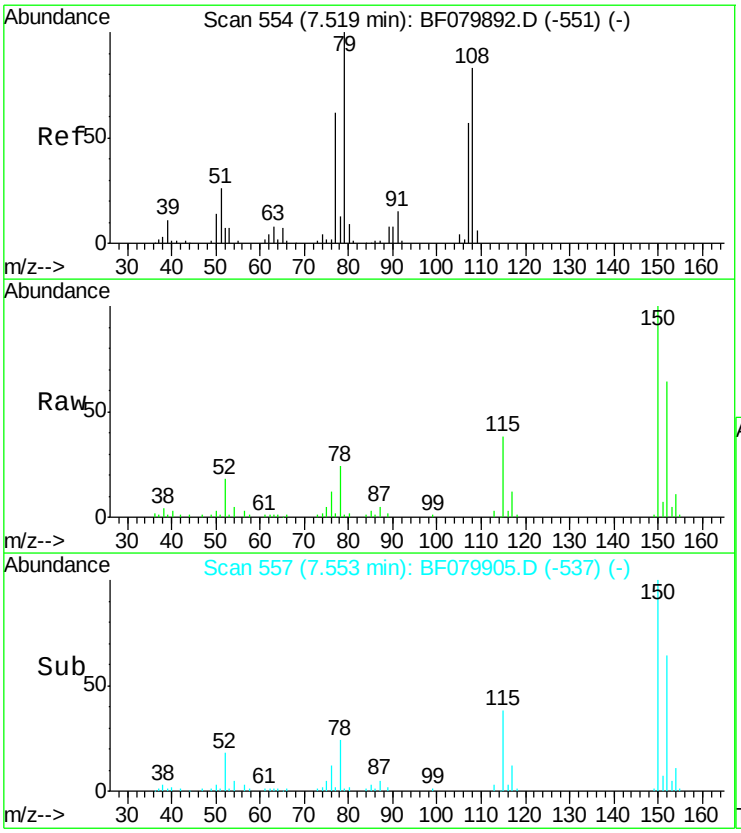
#7
Phenol-d6
Concen: 6.37 ng
RT: 6.98 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion: 99 Resp: 21019

Ion	Ratio	Lower	Upper
99	100		
42	22.9	12.9	19.3#
71	36.6	23.4	35.2#

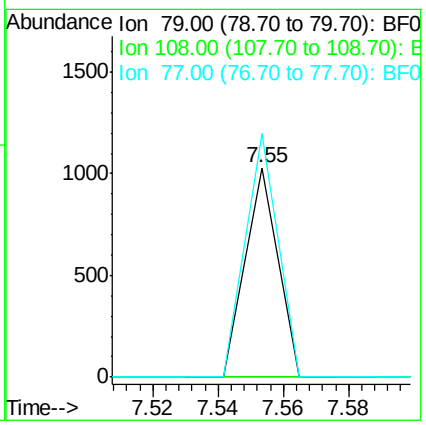


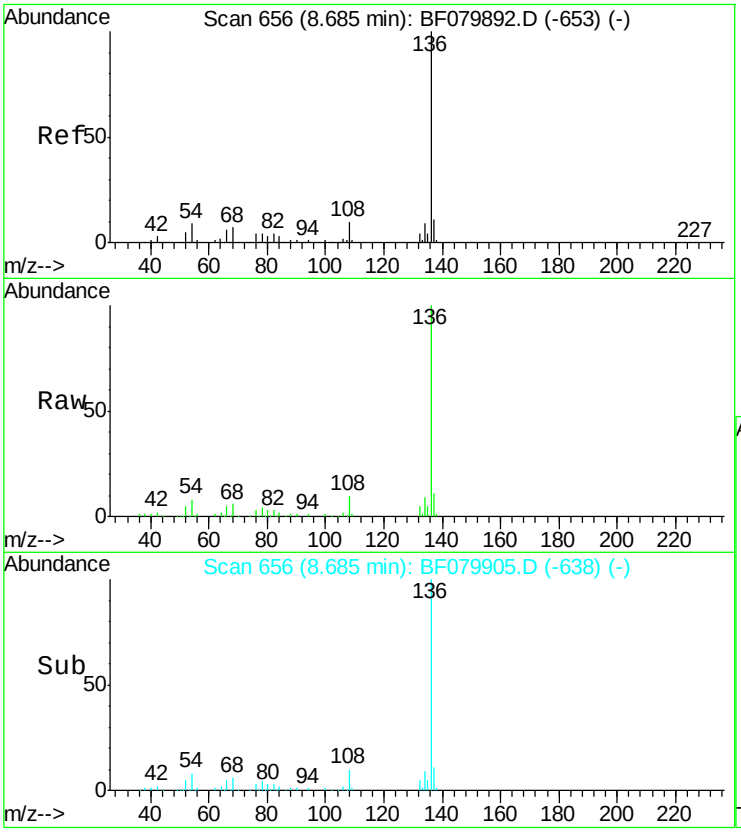


#15
Benzyl Alcohol
Concen: 0.27 ng
RT: 7.55 min Scan# 557
Delta R.T. 0.03 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion: 79 Resp: 706

Ion	Ratio	Lower	Upper
79	100		
108	0.0	66.4	99.6#
77	116.2	49.4	74.0#



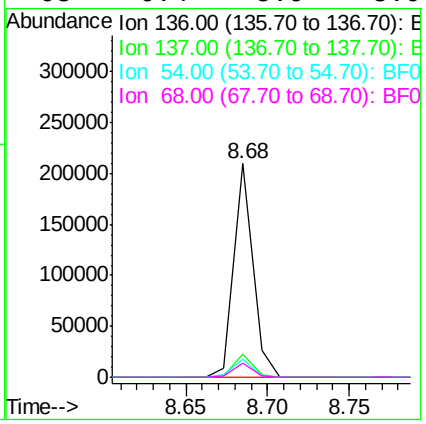


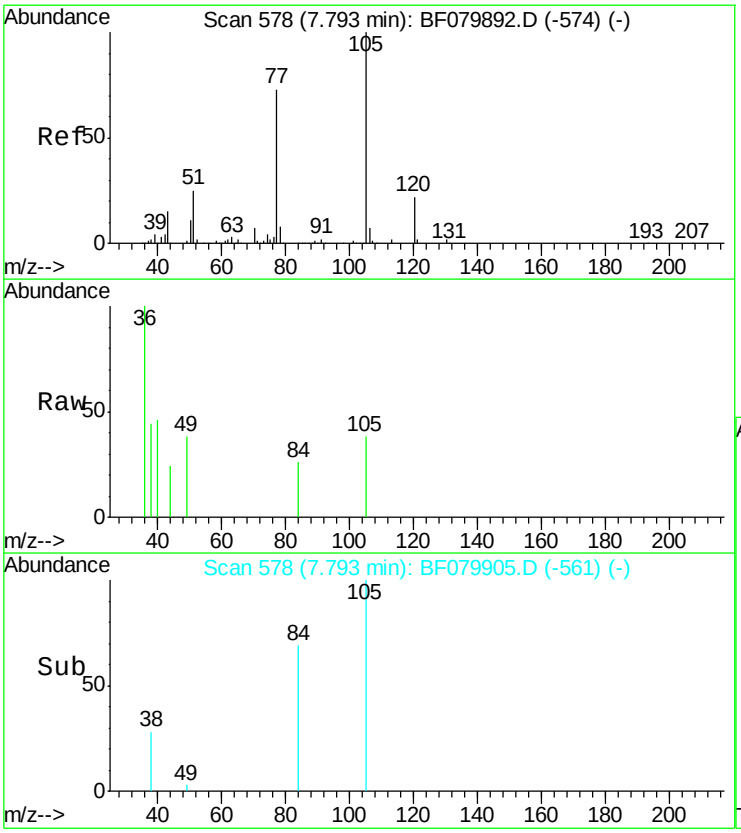
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.68 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion:136 Resp: 168664

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.4	7.3	10.9
68	6.4	5.9	8.9

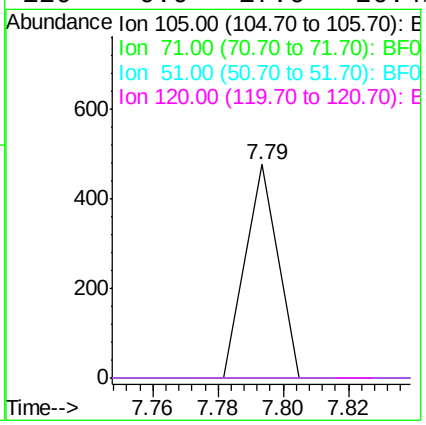


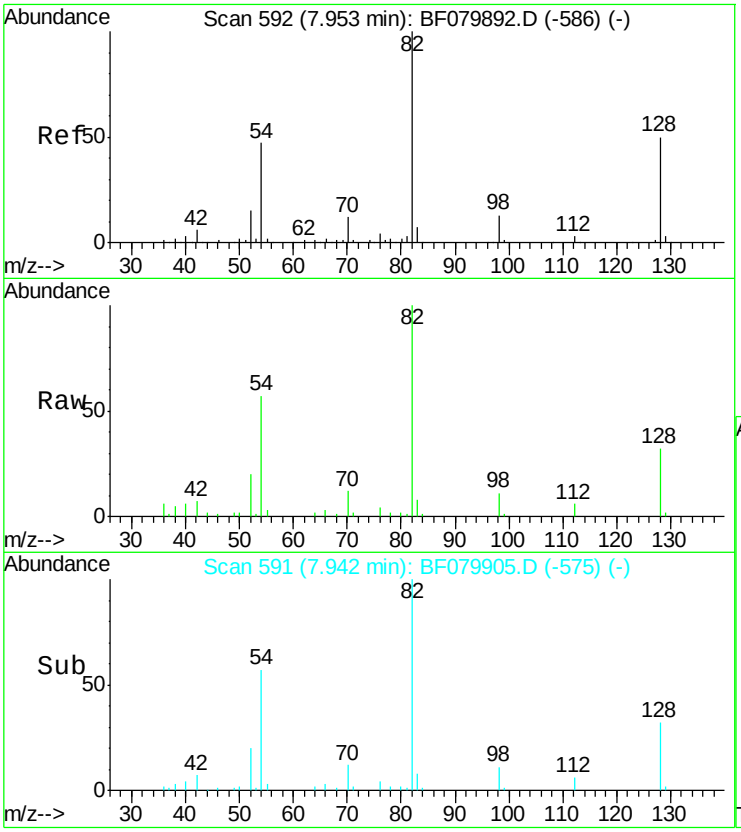


#22
Acetophenone
Concen: 0.08 ng
RT: 7.79 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:105 Resp: 326

Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.0	1.4#
51	0.0	19.8	29.6#
120	0.0	17.6	26.4#



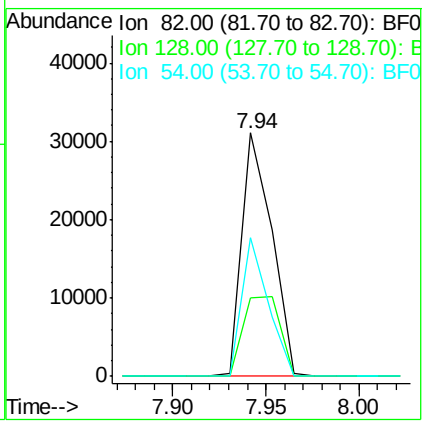


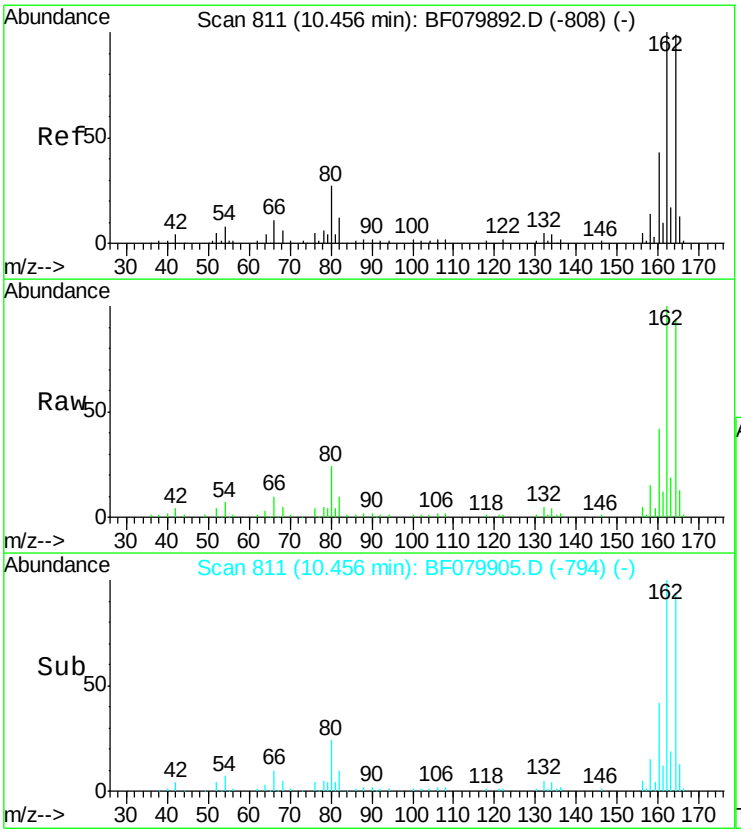
#23
Nitrobenzene-d5
Concen: 12.22 ng
RT: 7.94 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion: 82 Resp: 34661

Ion	Ratio	Lower	Upper
82	100		
128	32.5	40.3	60.5#
54	57.1	38.0	57.0#

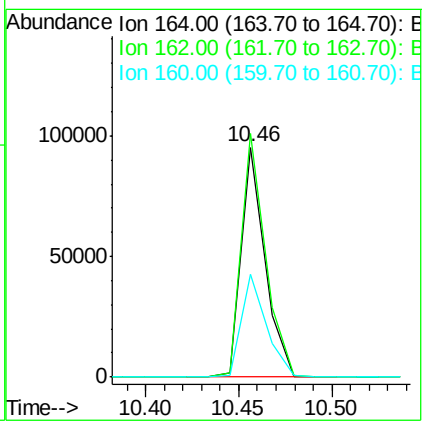


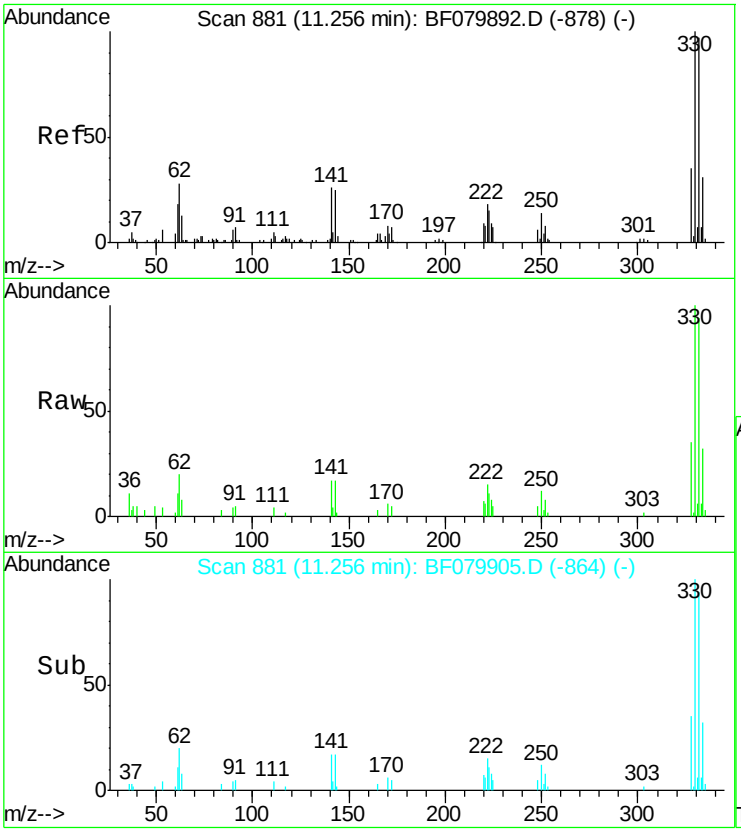


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.46 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:164 Resp: 84415

Ion	Ratio	Lower	Upper
164	100		
162	106.0	80.7	121.1
160	45.0	34.6	51.8



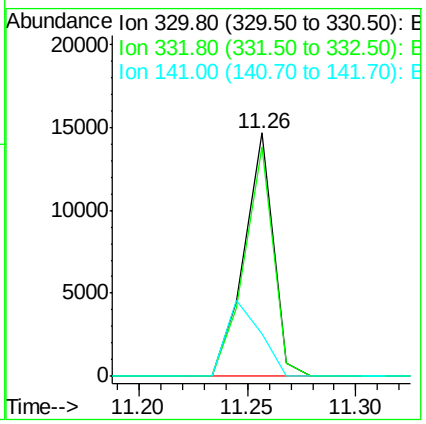


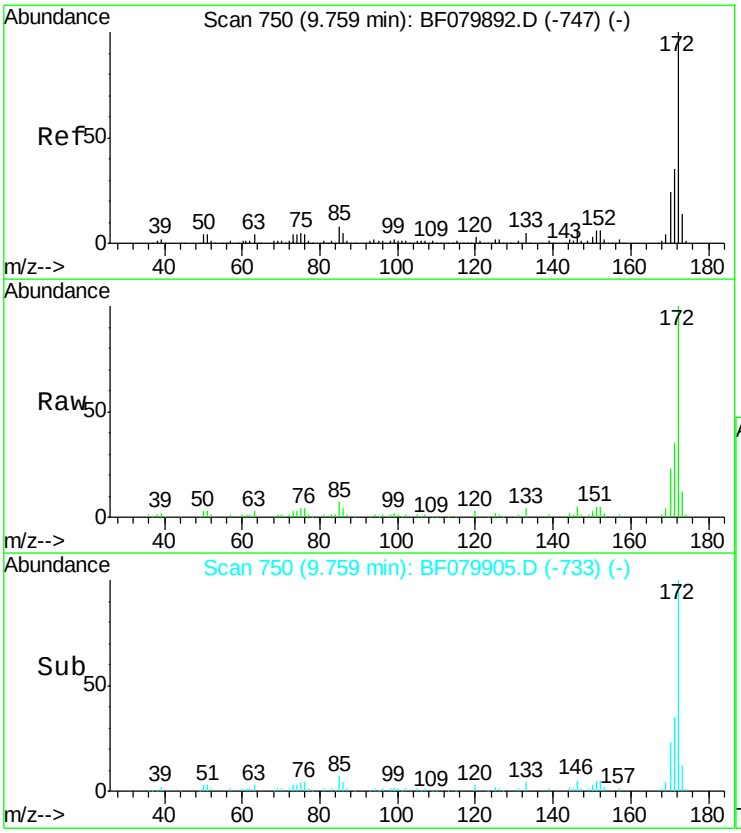
#41
2,4,6-Tribromophenol
Concen: 18.18 ng
RT: 11.26 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion:330 Resp: 13698

Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.3	115.9
141	35.8	26.8	40.2

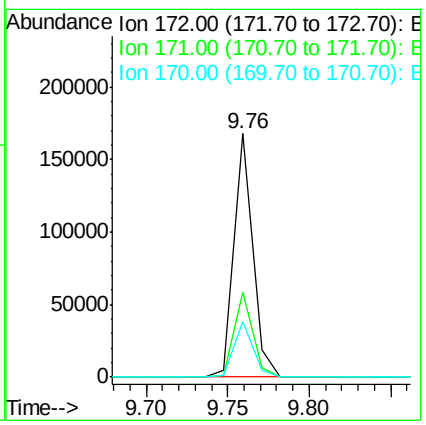


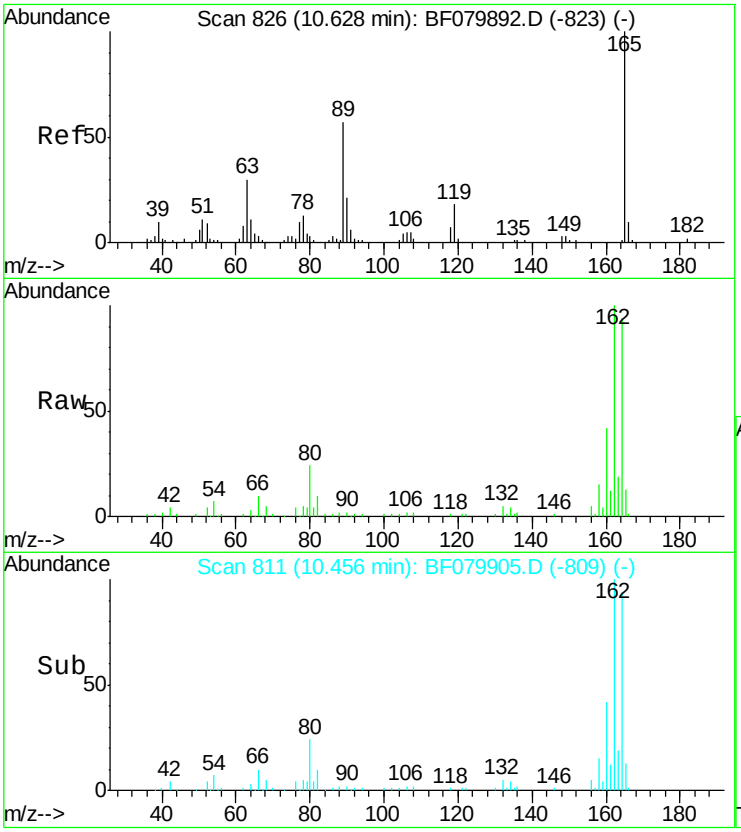


#44
2-Fluorobiphenyl
Concen: 22.03 ng
RT: 9.76 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:172 Resp: 131971

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.3	42.5
170	22.7	19.0	28.4



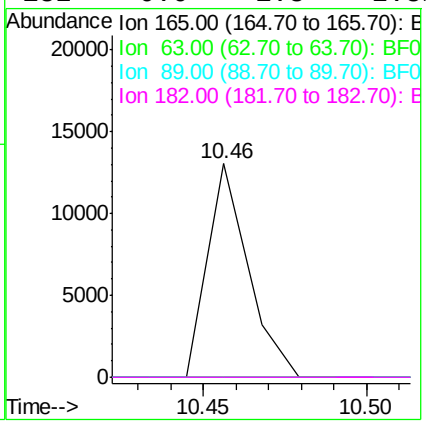


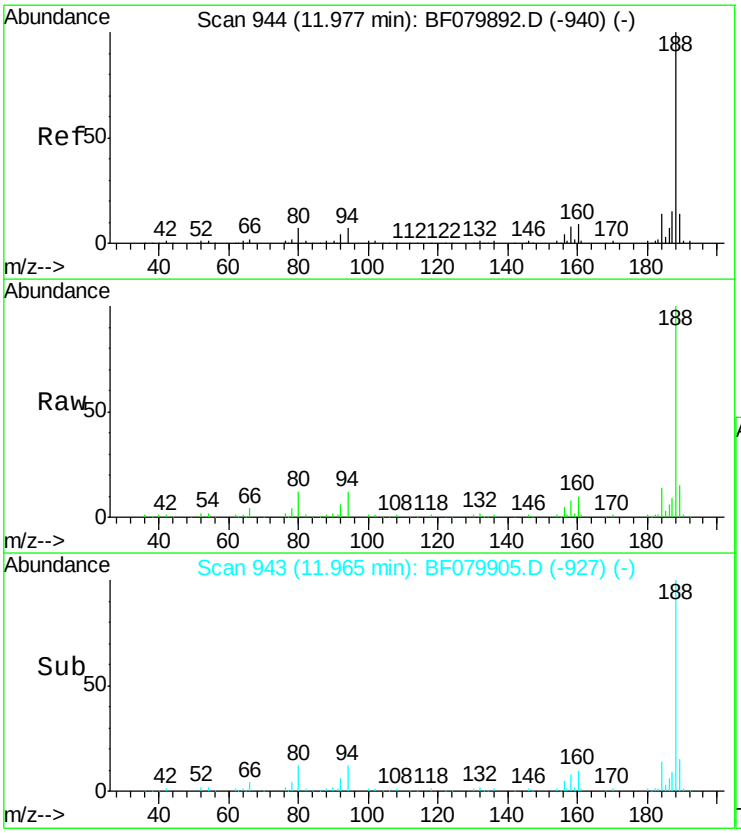
#56
2,4-Dinitrotoluene
Concen: 7.57 ng
RT: 10.46 min Scan# 811
Delta R.T. -0.17 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion:165 Resp: 11149

Ion	Ratio	Lower	Upper
165	100		
63	0.0	24.3	36.5#
89	0.0	45.4	68.2#
182	0.0	1.8	2.8#

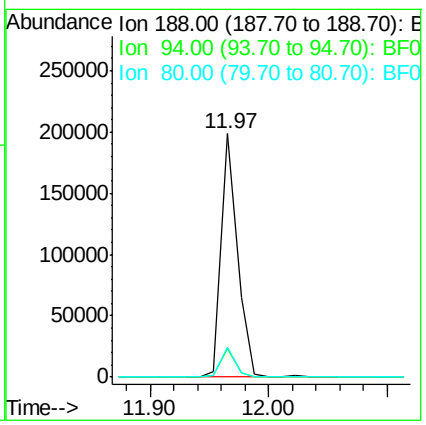


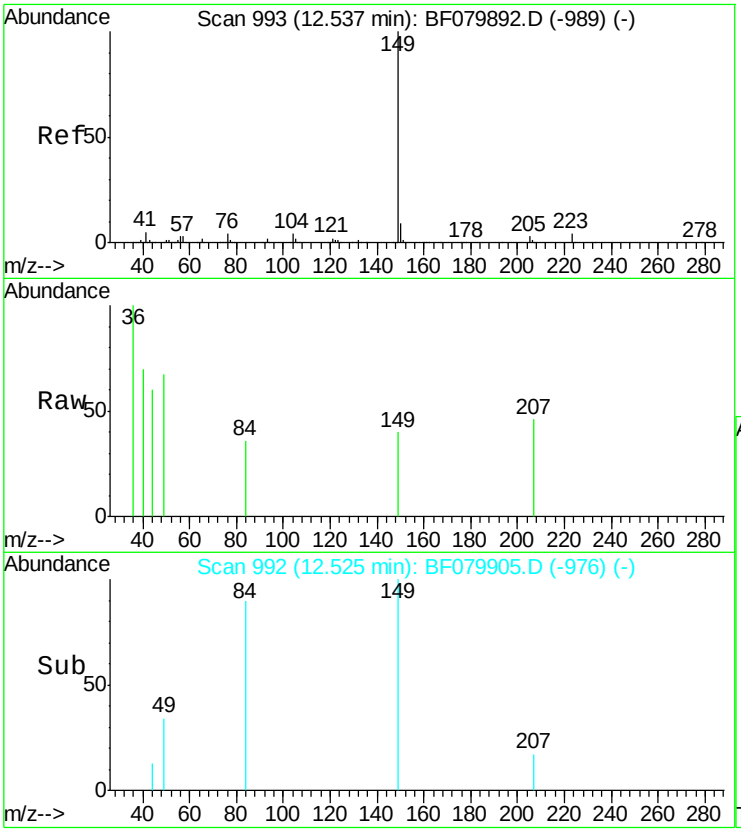


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.97 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:188 Resp: 187549

Ion	Ratio	Lower	Upper
188	100		
94	11.5	5.8	8.8#
80	12.4	5.9	8.9#



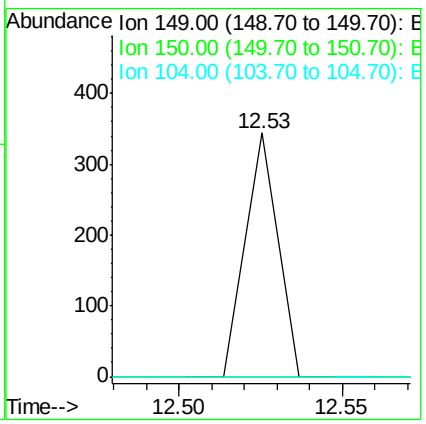


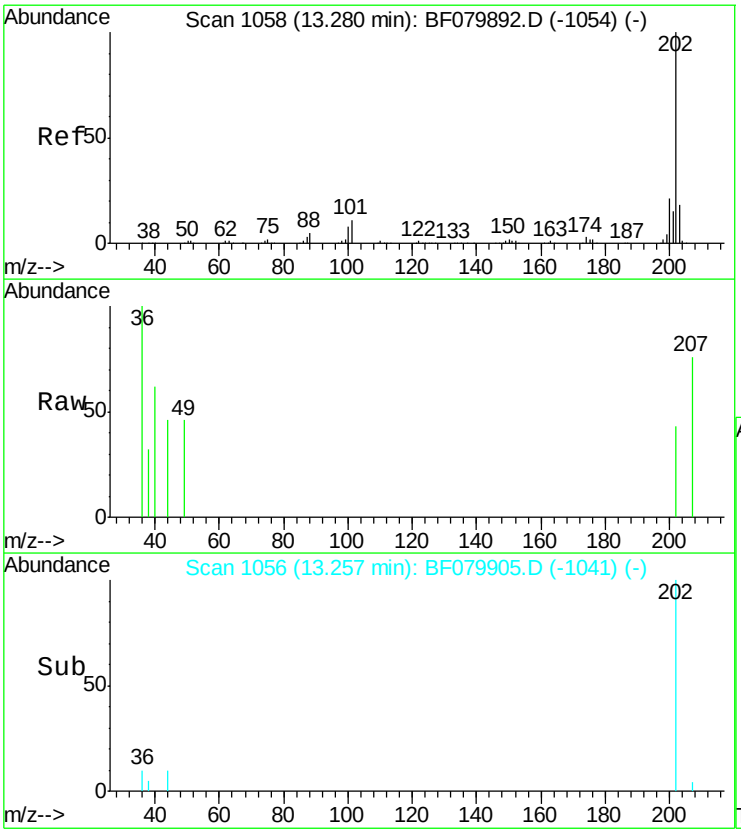
#73
Di-n-butylphthalate
Concen: 0.02 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument : BNA_F
ClientSampleId : FB060515DL

Tgt Ion:149 Resp: 236

Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.2	10.8#
104	0.0	3.3	4.9#

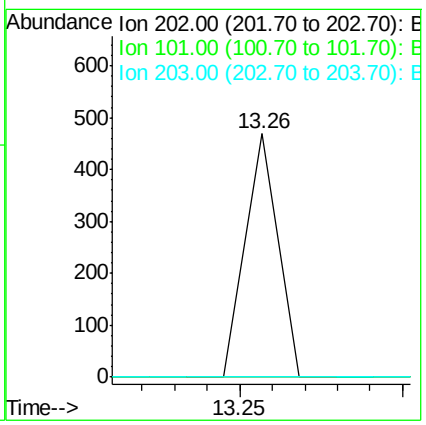


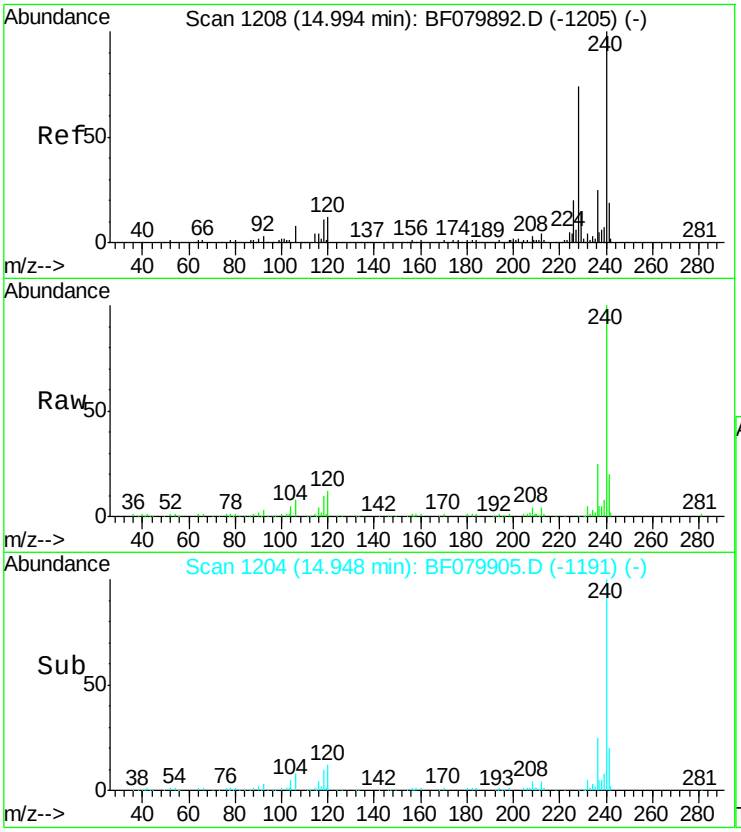


#74
Fluoranthene
Concen: 0.03 ng
RT: 13.26 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:202 Resp: 322

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



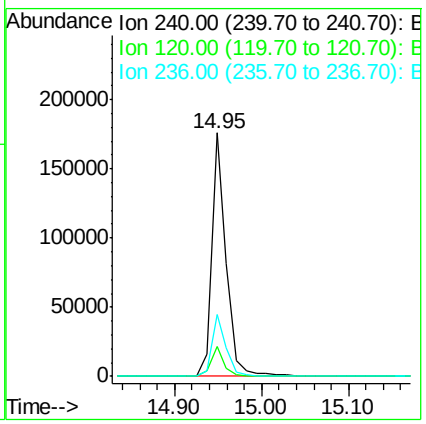


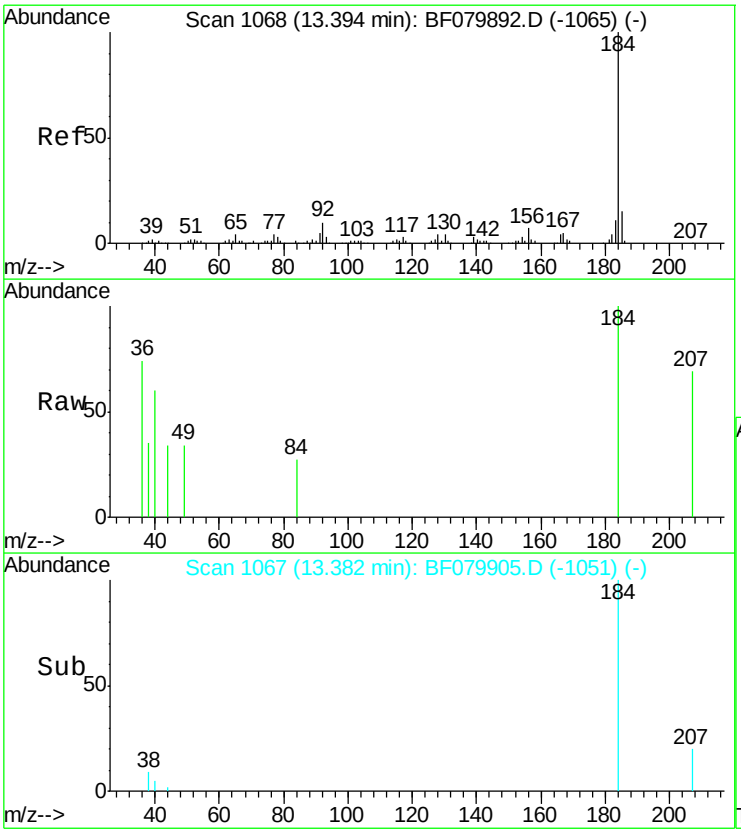
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.95 min Scan# 1204
Delta R.T. -0.05 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion:240 Resp: 204484

Ion	Ratio	Lower	Upper
240	100		
120	12.1	9.4	14.2
236	25.3	19.6	29.4

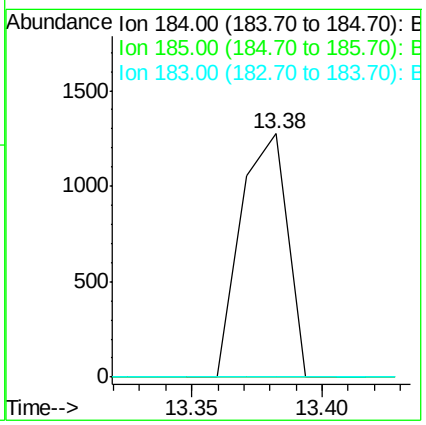


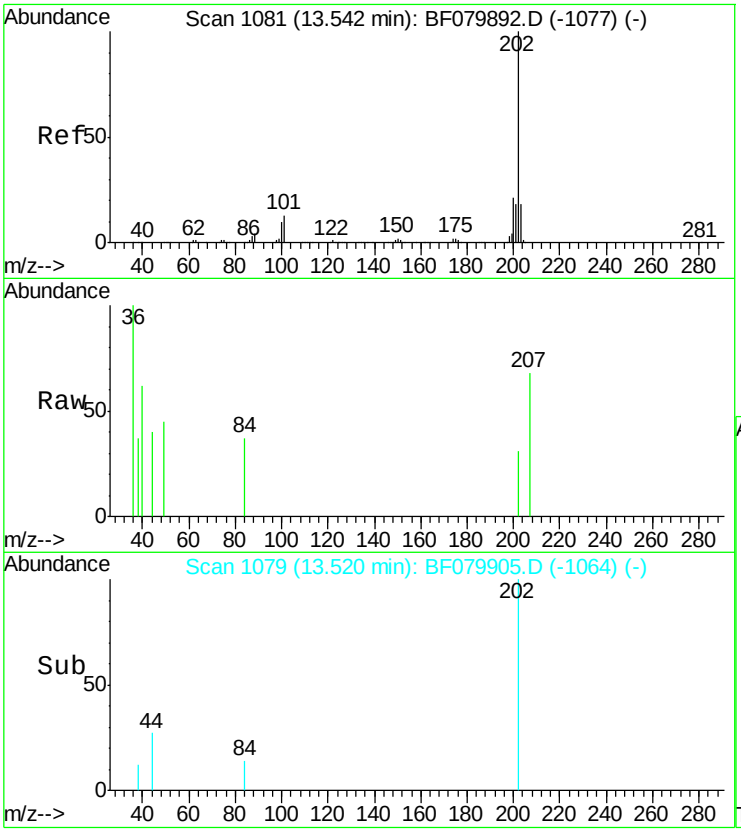


#76
Benzidine
Concen: 0.27 ng
RT: 13.38 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:184 Resp: 1599

Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.8	17.6#
183	0.0	9.0	13.6#



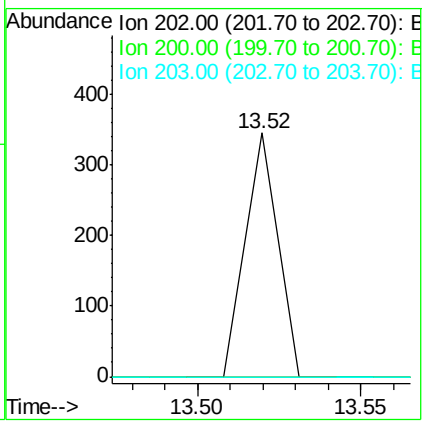


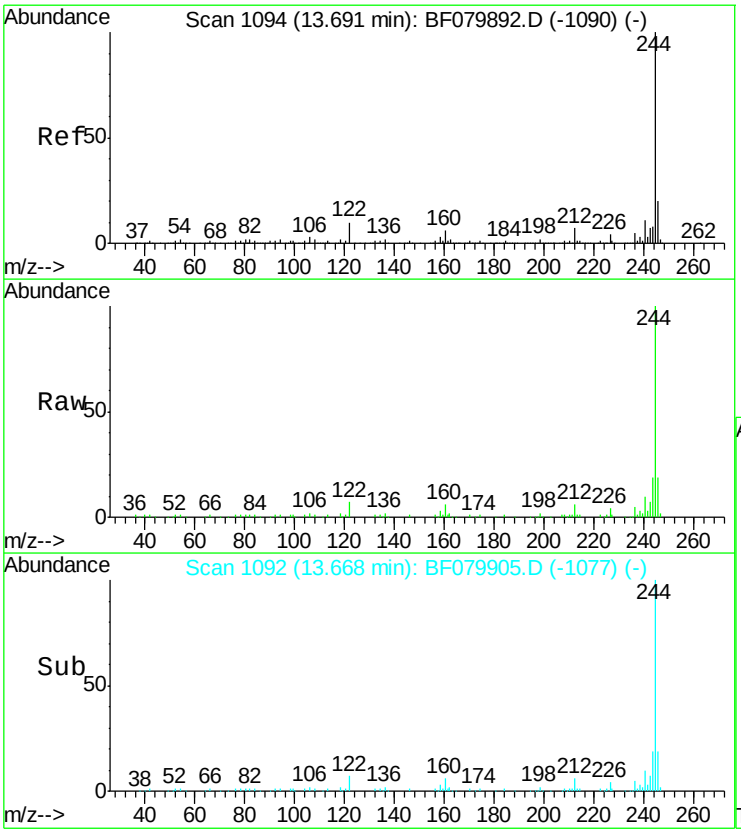
#77
Pyrene
Concen: 0.02 ng
RT: 13.52 min Scan# 1079
Delta R.T. -0.02 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion:202 Resp: 237

Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.8	25.2#
203	0.0	14.4	21.6#

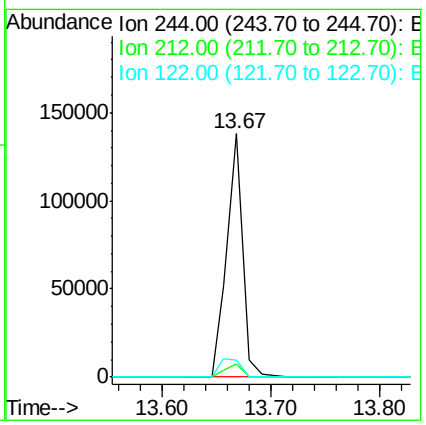


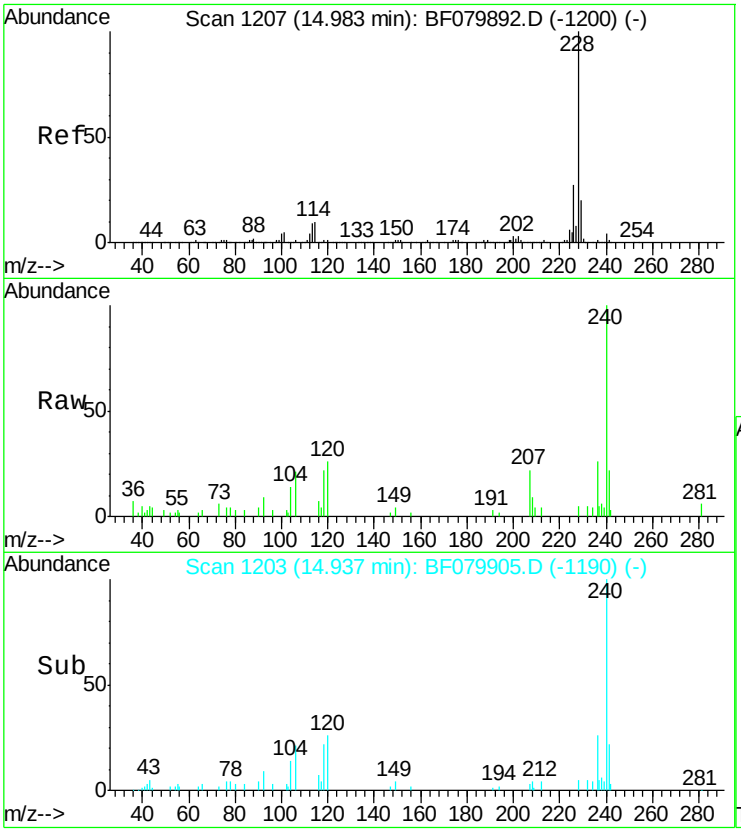


#78
Terphenyl-d14
Concen: 15.45 ng
RT: 13.67 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:244 Resp: 139018

Ion	Ratio	Lower	Upper
244	100		
212	5.6	5.4	8.2
122	7.2	7.8	11.8#



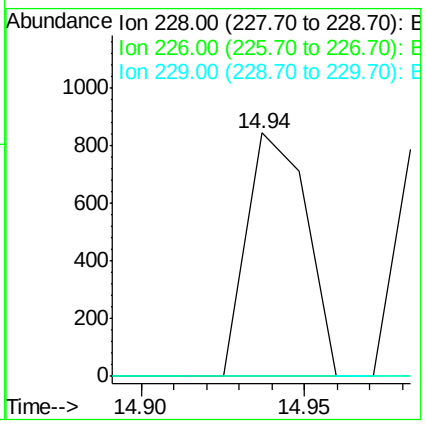


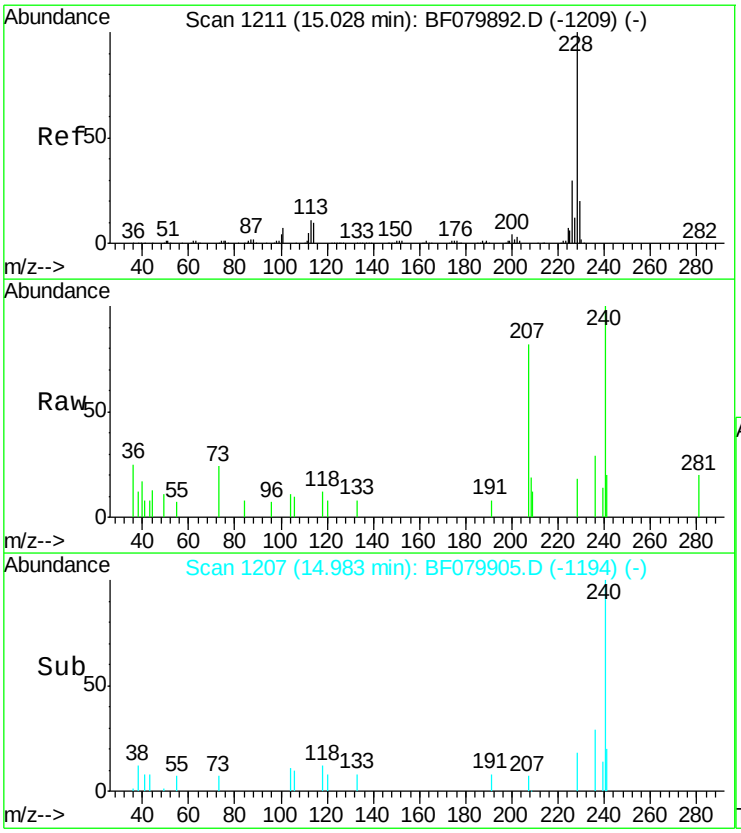
#80
Benzo(a)anthracene
Concen: 0.09 ng
RT: 14.94 min Scan# 1203
Delta R.T. -0.05 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion:228 Resp: 1066

Ion	Ratio	Lower	Upper
228	100		
226	0.0	21.8	32.8#
229	0.0	15.9	23.9#

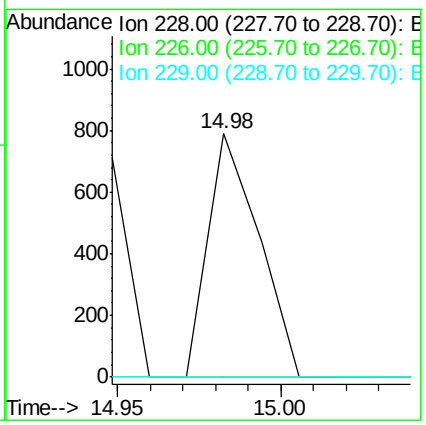


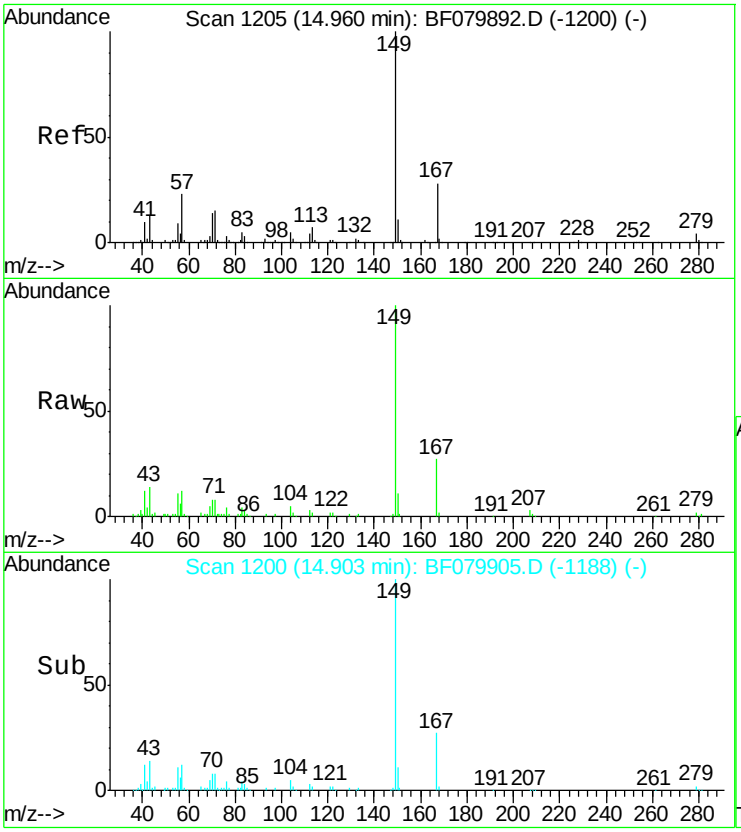


#82
Chrysene
Concen: 0.07 ng
RT: 14.98 min Scan# 1207
Delta R.T. -0.05 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:228 Resp: 842

Ion	Ratio	Lower	Upper
228	100		
226	0.0	23.9	35.9#
229	0.0	16.1	24.1#



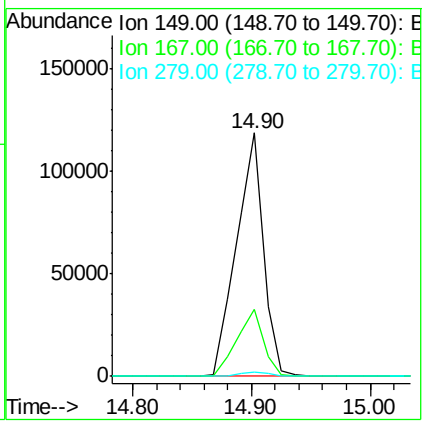


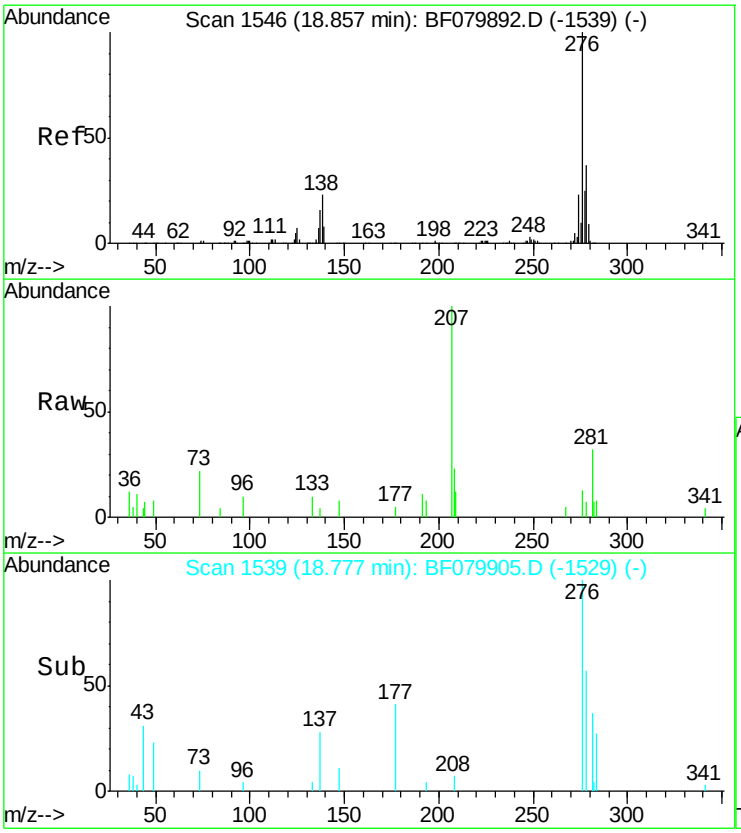
#83
Bis(2-ethylhexyl)phthalate
Concen: 28.16 ng
RT: 14.90 min Scan# 1200
Delta R.T. -0.06 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion:149 Resp: 189317

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.2	33.4
279	1.8	3.1	4.7#

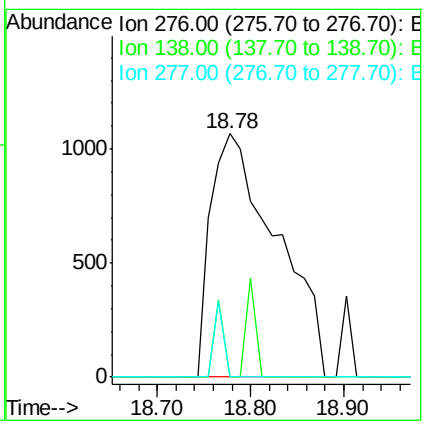


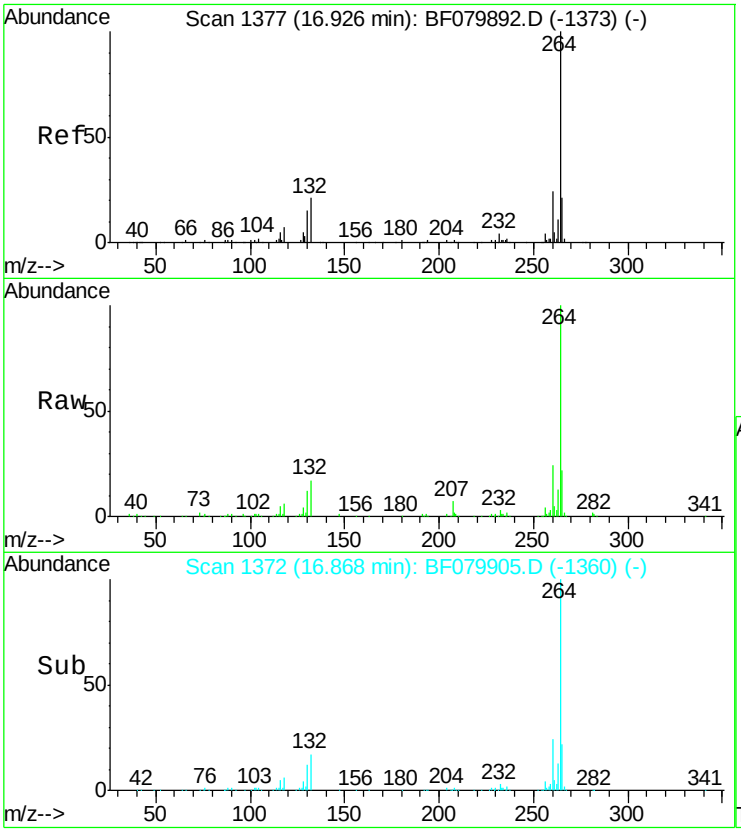


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.43 ng
RT: 18.78 min Scan# 1539
Delta R.T. -0.08 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:276 Resp: 5255

Ion	Ratio	Lower	Upper
276	100		
138	4.4	21.0	31.4#
277	4.4	19.9	29.9#



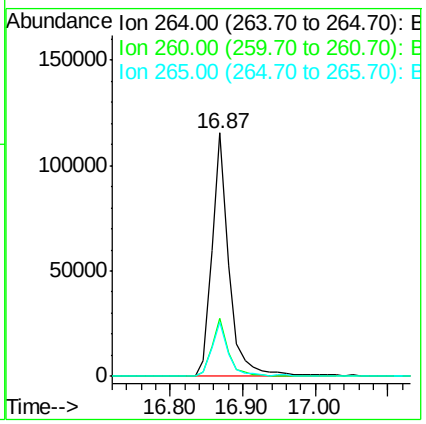


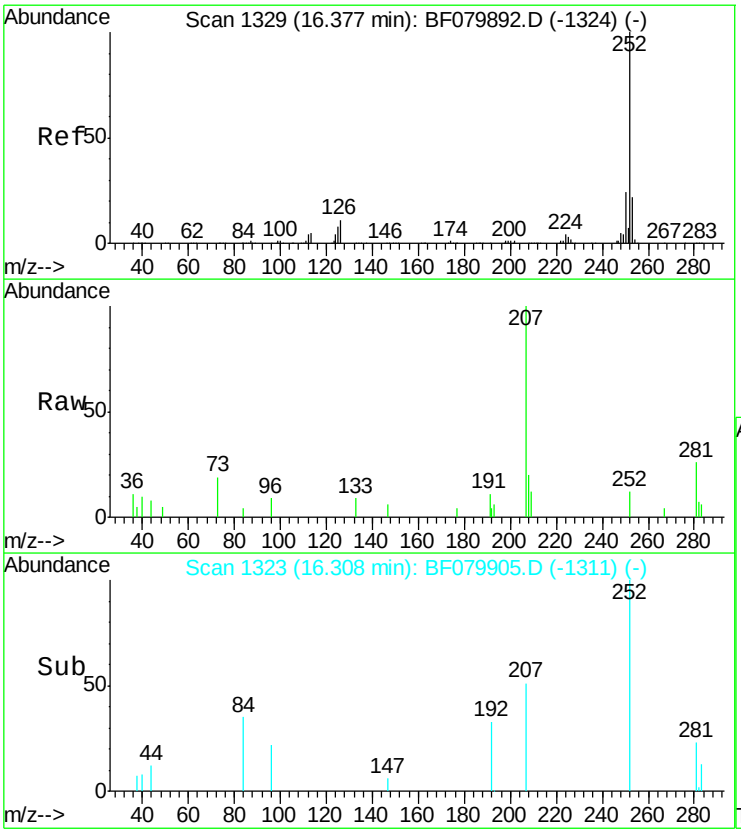
#86
Perylene-d12
Concen: 20.00 ng
RT: 16.87 min Scan# 1372
Delta R.T. -0.06 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion:264 Resp: 188461

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	22.2	17.0	25.6

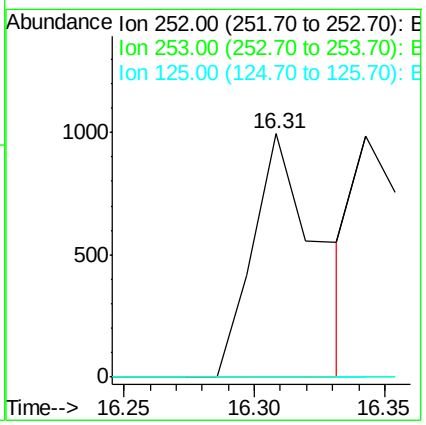


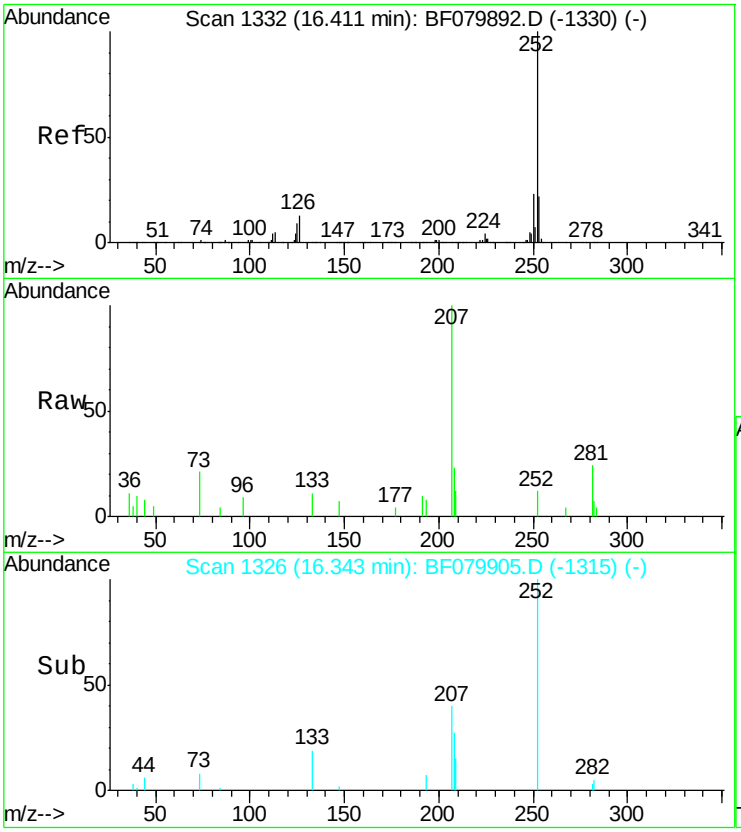


#87
Benzo(b)fluoranthene
Concen: 0.15 ng
RT: 16.31 min Scan# 1323
Delta R.T. -0.07 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:252 Resp: 1727

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.8	26.6#
125	0.0	6.5	9.7#



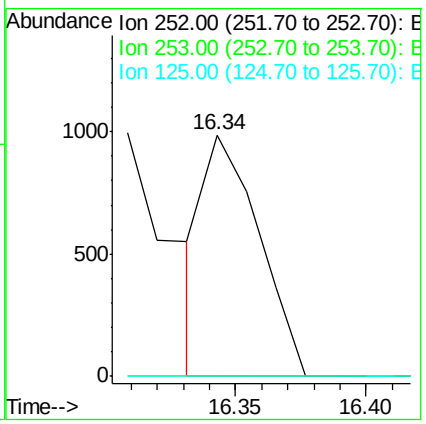


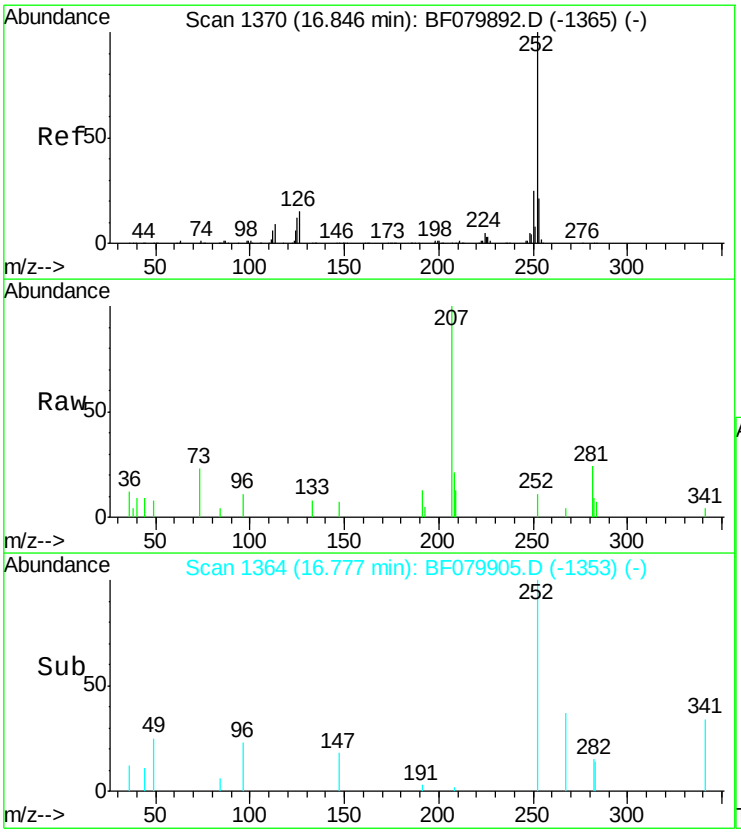
#88
Benzo(k)fluoranthene
Concen: 0.12 ng
RT: 16.34 min Scan# 1326
Delta R.T. -0.07 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion:252 Resp: 1445

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.4	26.2#
125	0.0	7.4	11.0#

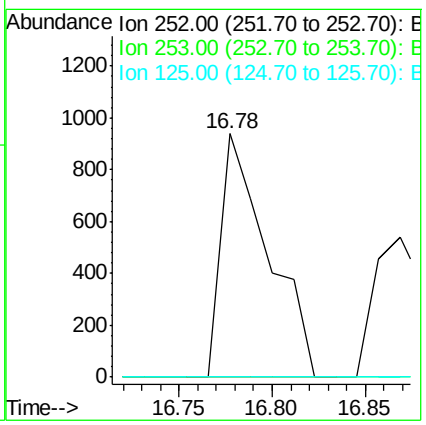


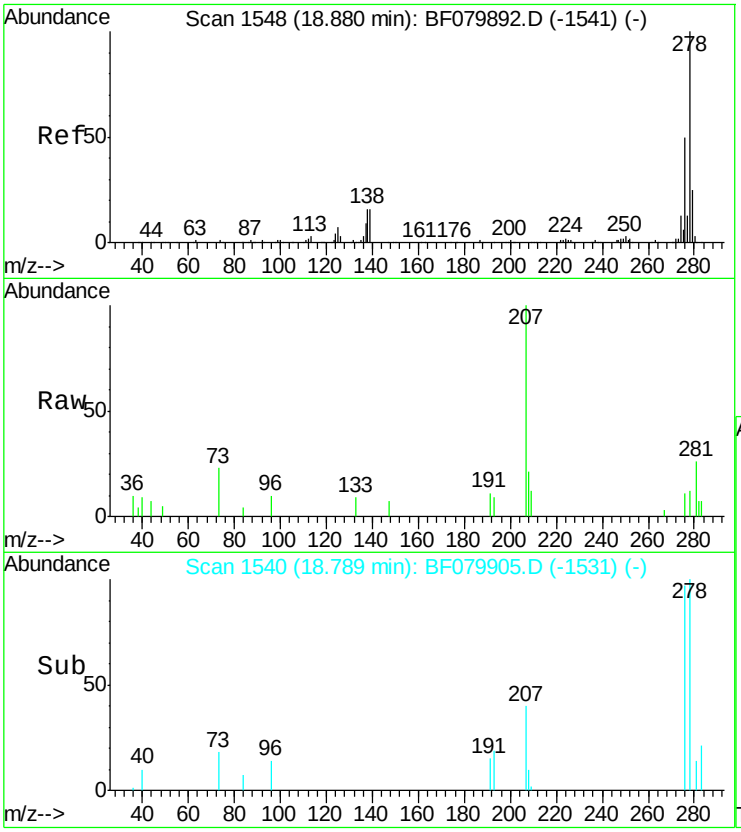


#89
Benzo(a)pyrene
Concen: 0.16 ng
RT: 16.78 min Scan# 1364
Delta R.T. -0.07 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:252 Resp: 1648

Ion	Ratio	Lower	Upper
252	100		
253	0.0	17.0	25.6#
125	0.0	9.7	14.5#



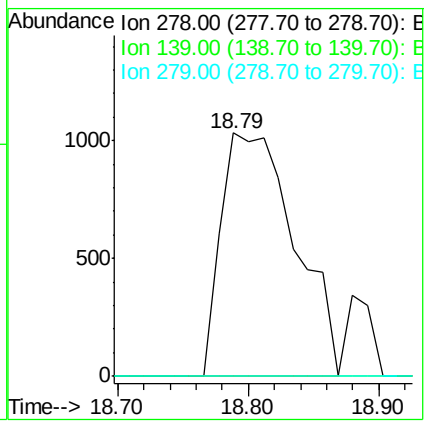


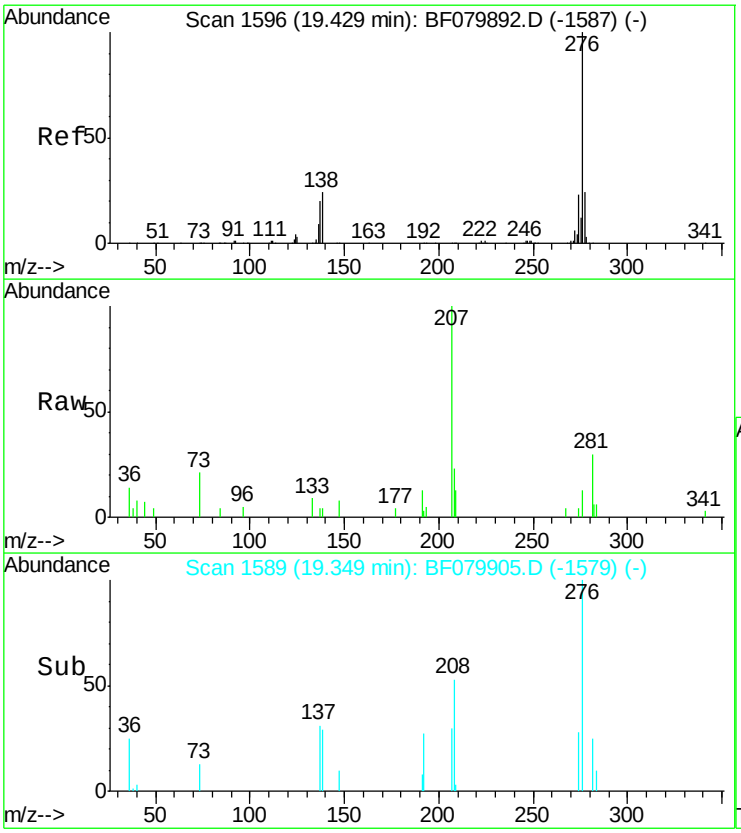
#90
Dibenzo(a,h)anthracene
Concen: 0.41 ng
RT: 18.79 min Scan# 1540
Delta R.T. -0.09 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Instrument :
BNA_F
ClientSampleId :
FB060515DL

Tgt Ion:278 Resp: 4061

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.8	19.2#
279	0.0	19.7	29.5#





#91
Benzo(g,h,i)perylene
Concen: 0.48 ng
RT: 19.35 min Scan# 1589
Delta R.T. -0.08 min
Lab File: BF079905.D
Acq: 11 Jun 2015 20:04

Tgt Ion:276 Resp: 4954

Ion	Ratio	Lower	Upper
276	100		
277	0.0	19.4	29.2#
138	28.6	19.1	28.7