Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084691.D
Acq On : 30 Jan 2016 17:36
Operator : SJ/IZ
Sample : H1261-09 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SCARBOROUGH1516-00(0-4)

Quant Time: Feb 01 00:29:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	188080	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	705549	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	300472	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	490496	20.00	ng		0.00
75) Chrysene-d12	13.87	240	393275	20.00	ng		0.00
86) Perylene-d12	15.27	264	409686	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	306016	24.56	ng		0.01
7) Phenol-d6	6.37	99	380437	25.47	ng		0.00
23) Nitrobenzene-d5	7.29	82	237021	18.77	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	66444	21.10	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	405985	20.08	ng		0.00
78) Terphenyl-d14	12.82	244	240667	13.82	ng		-0.01
Target Compounds							Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	30943	3.39	ng	#	69
25) Isophorone	7.29	82	222528	9.41	ng	#	66
49) Dimethylphthalate	9.49	163	45362	2.01	ng	#	92
50) 2,6-Dinitrotoluene	9.76	165	37832	7.62	ng	#	37
56) 2,4-Dinitrotoluene	9.76	165	37832	5.87	ng	#	21
74) Fluoranthene	12.45	202	61992	2.31	ng		94
77) Pyrene	12.67	202	73645	2.48	ng		99
80) Benzo(a)anthracene	13.86	228	52777	2.15	ng		93
82) Chrysene	13.86	228	52777	2.18	ng		97
87) Benzo(b)fluoranthene	14.88	252	90489	3.41	ng	#	94
88) Benzo(k)fluoranthene	14.88	252	90311	4.12	ng		99

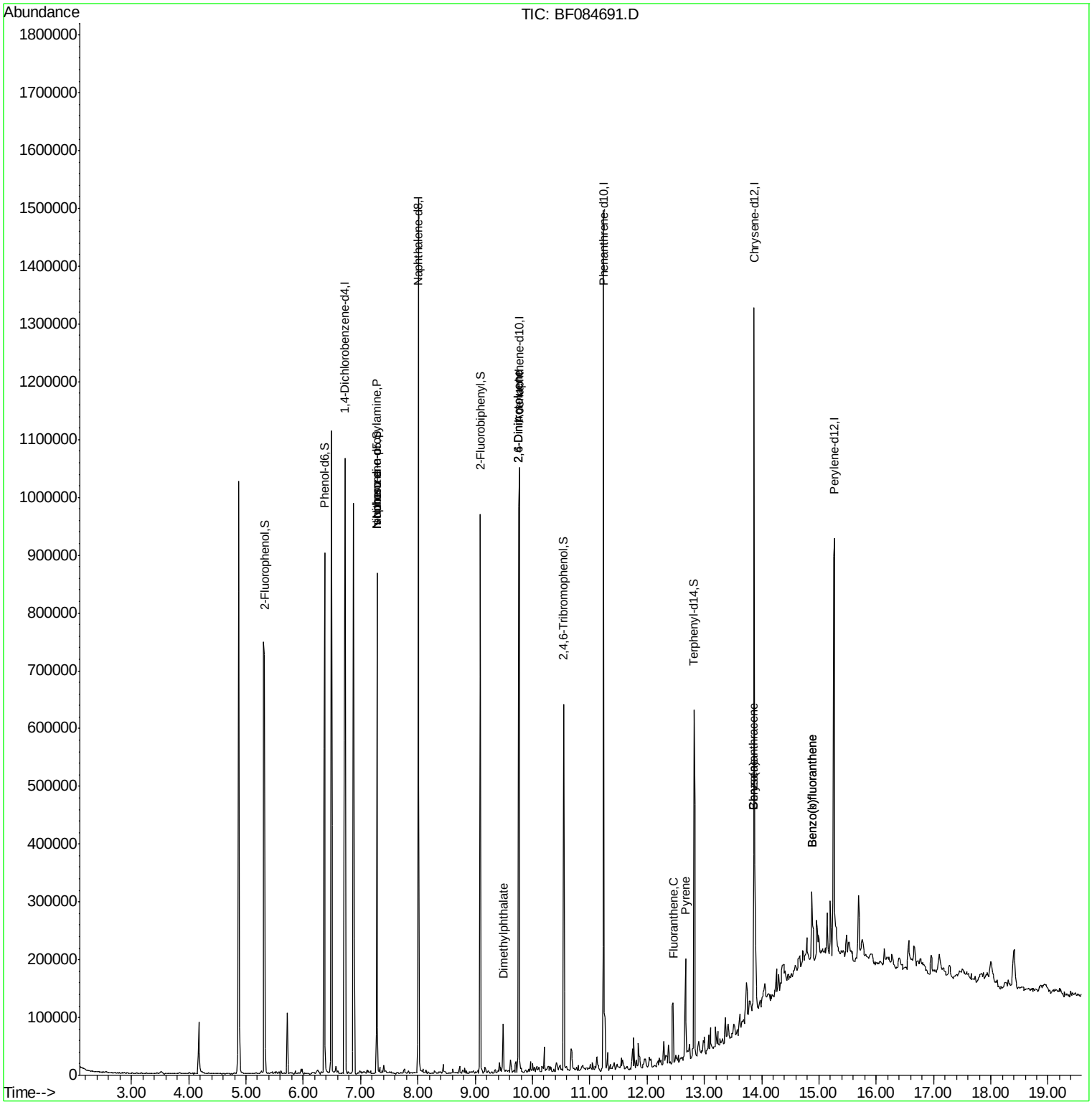
(#) = qualifier out of range (m) = manual integration (+) = signals summed

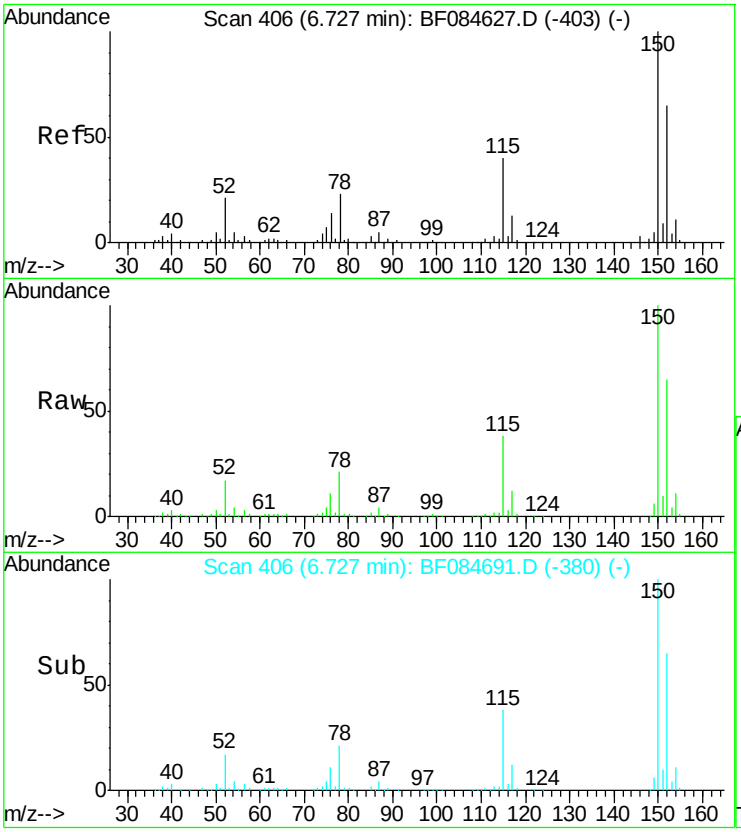
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF013016\
Data File : BF084691.D
Acq On : 30 Jan 2016 17:36
Operator : SJ/IZ
Sample : H1261-09 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Quant Time: Feb 01 00:29:49 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:54:53 2016
Response via : Initial Calibration



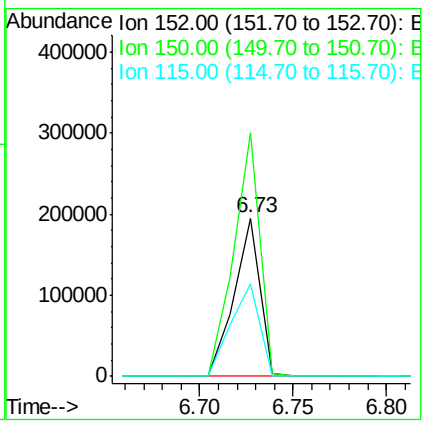


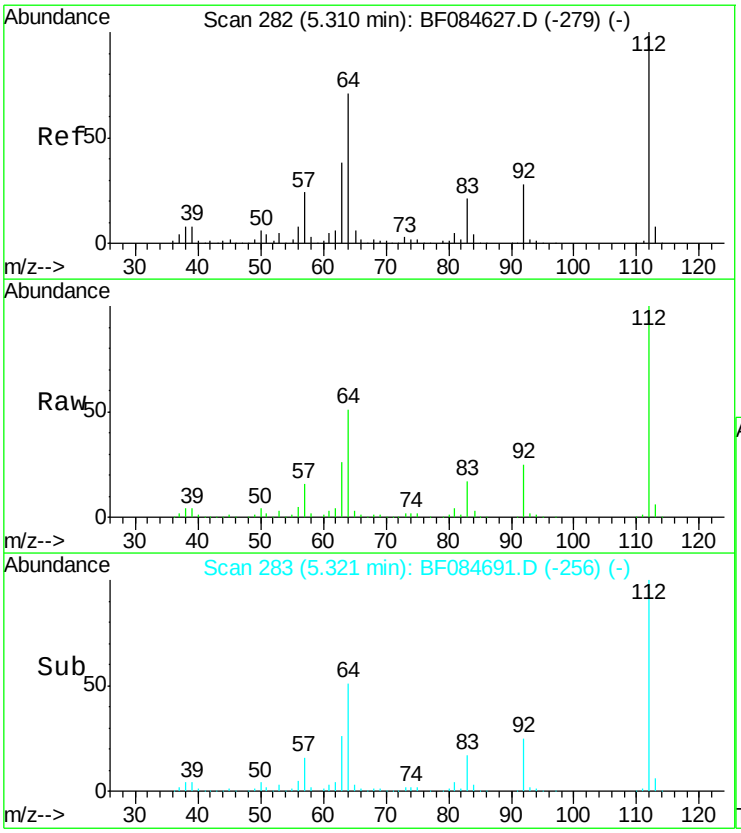
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.00 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion:152 Resp: 188080

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.0	184.4
115	58.5	51.4	77.2

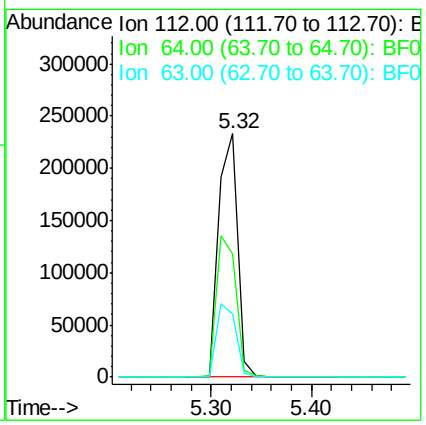


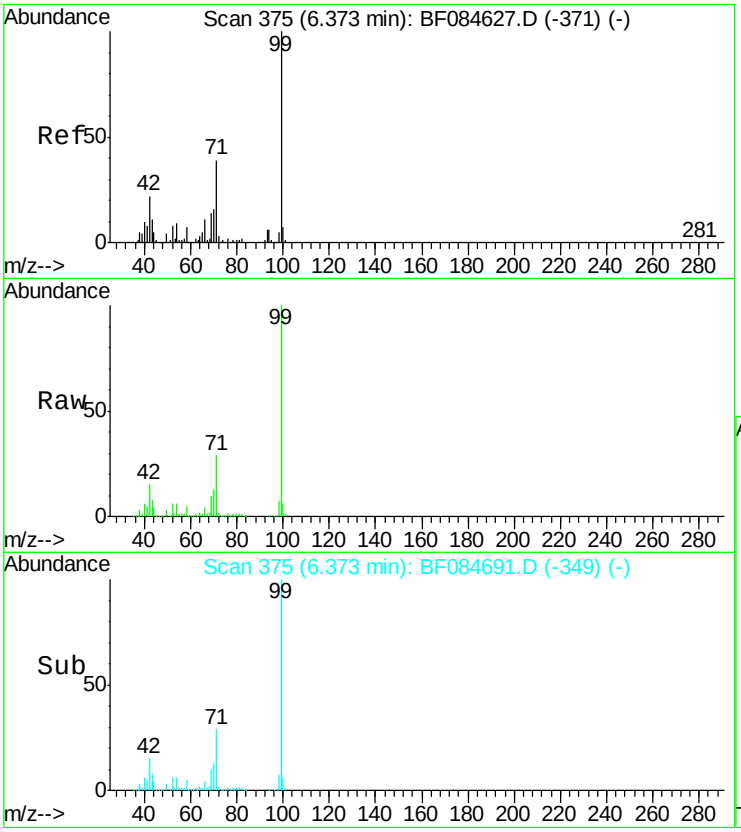


#5
2-Fluorophenol
Concen: 24.56 ng
RT: 5.32 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion:112 Resp: 306016

Ion	Ratio	Lower	Upper
112	100		
64	50.9	36.6	55.0
63	25.8	19.4	29.0



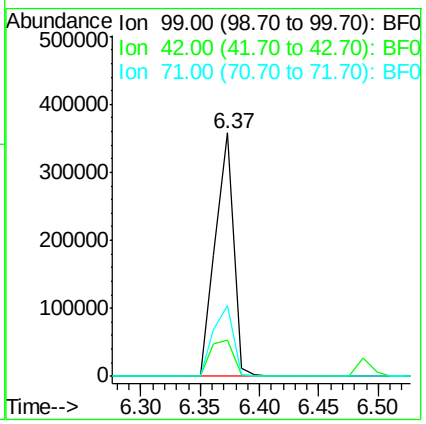


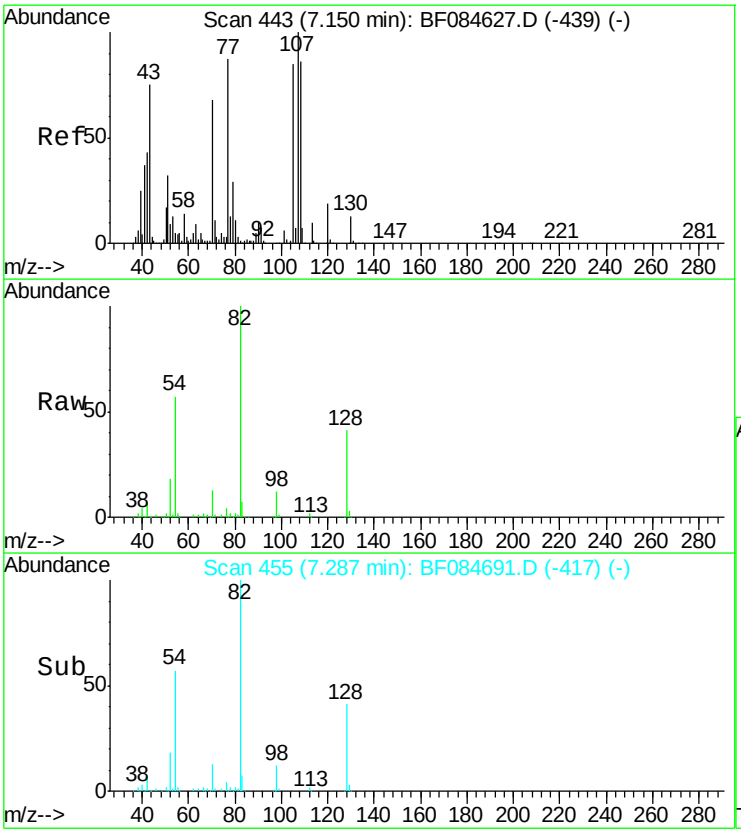
#7
Phenol-d6
Concen: 25.47 ng
RT: 6.37 min Scan# 375
Delta R.T. -0.00 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion: 99 Resp: 380437

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.8	19.2
71	29.0	30.9	46.3#

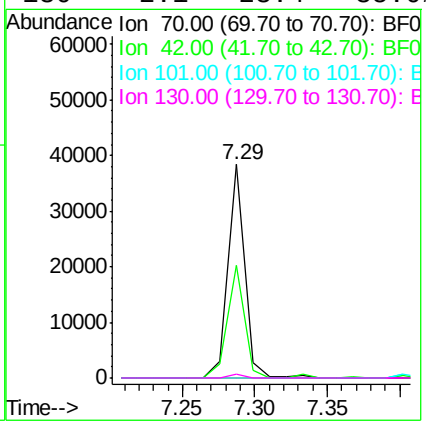


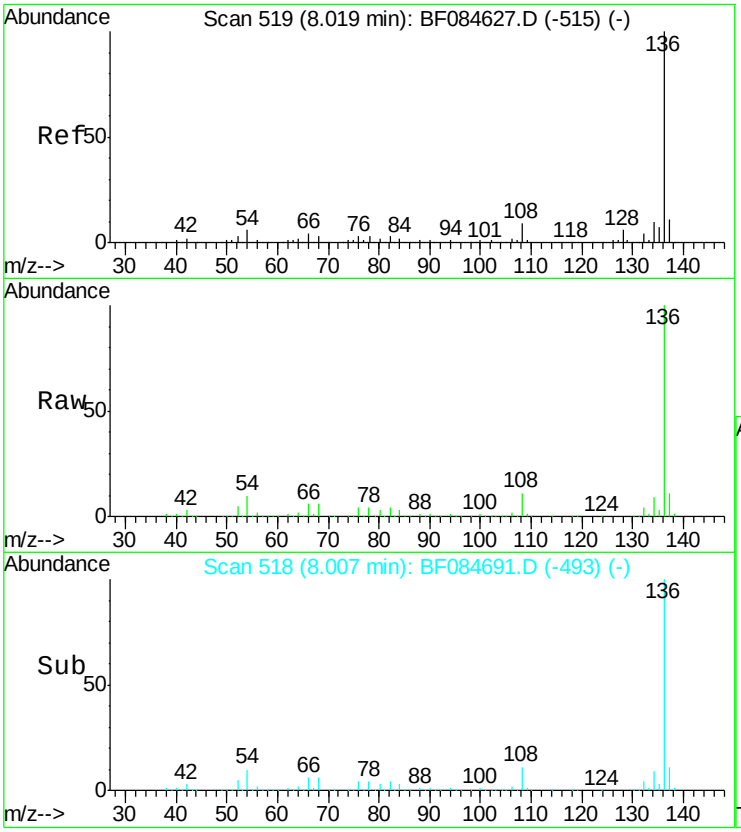


#19
n-Nitroso-di-n-propylamine
Concen: 3.39 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion: 70 Resp: 30943

Ion	Ratio	Lower	Upper
70	100		
42	52.7	33.3	49.9#
101	0.0	9.3	13.9#
130	2.1	23.4	35.0#



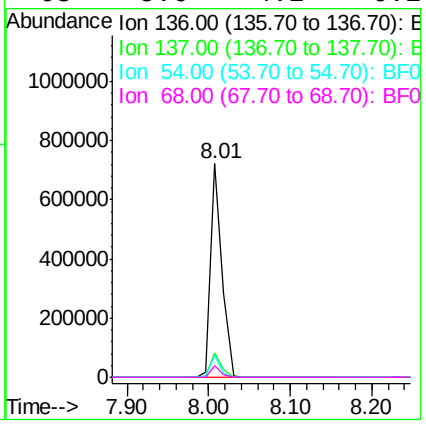


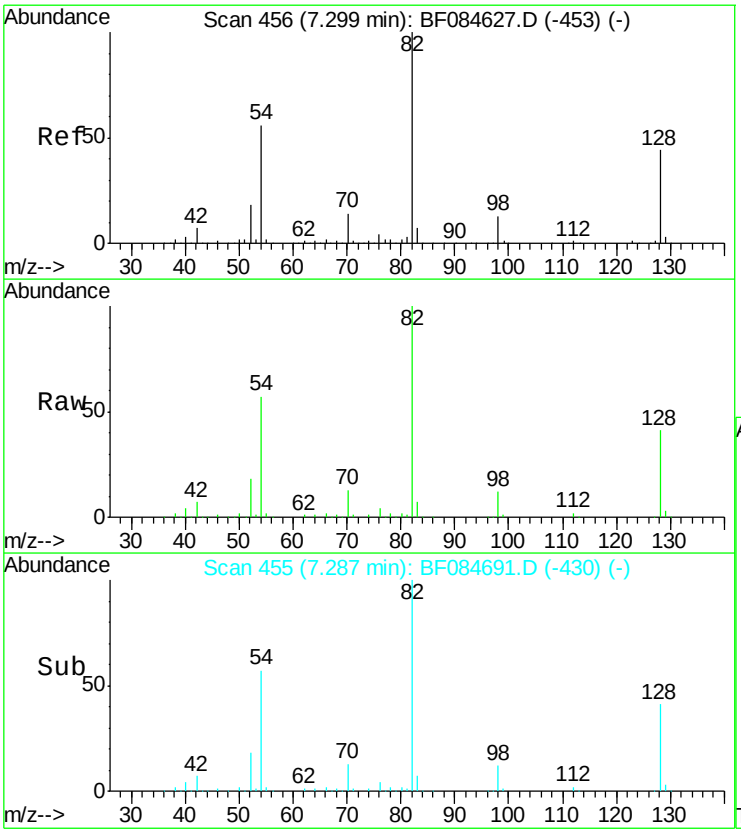
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion:136 Resp: 705549

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	10.5	5.8	8.8#
68	5.6	4.2	6.2

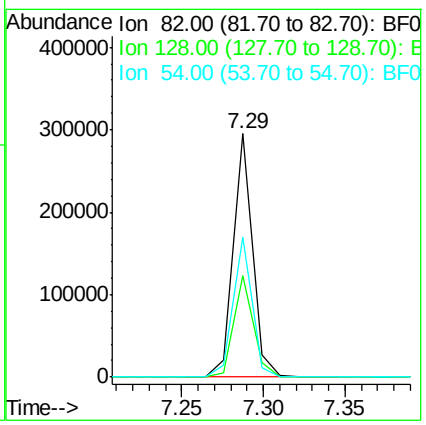


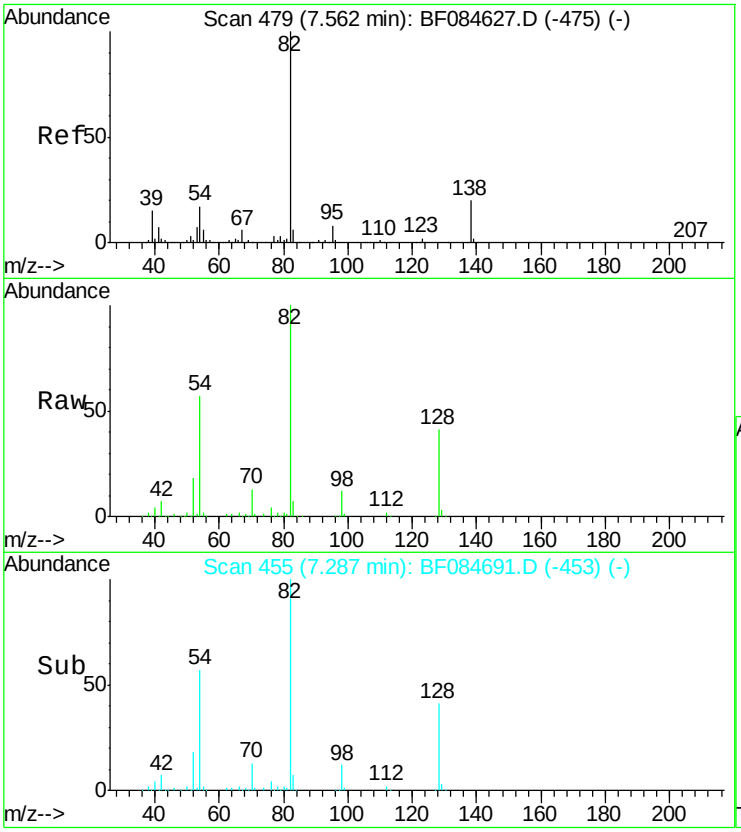


#23
Nitrobenzene-d5
Concen: 18.77 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion: 82 Resp: 237021

Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	51.8
54	57.3	38.4	57.6



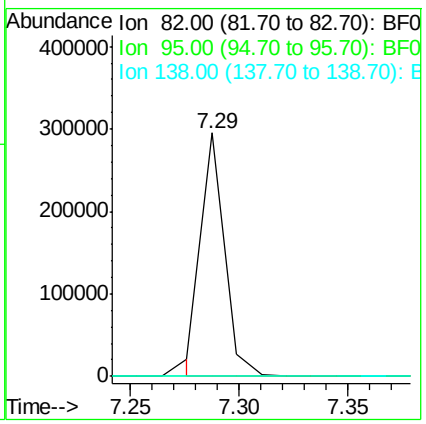


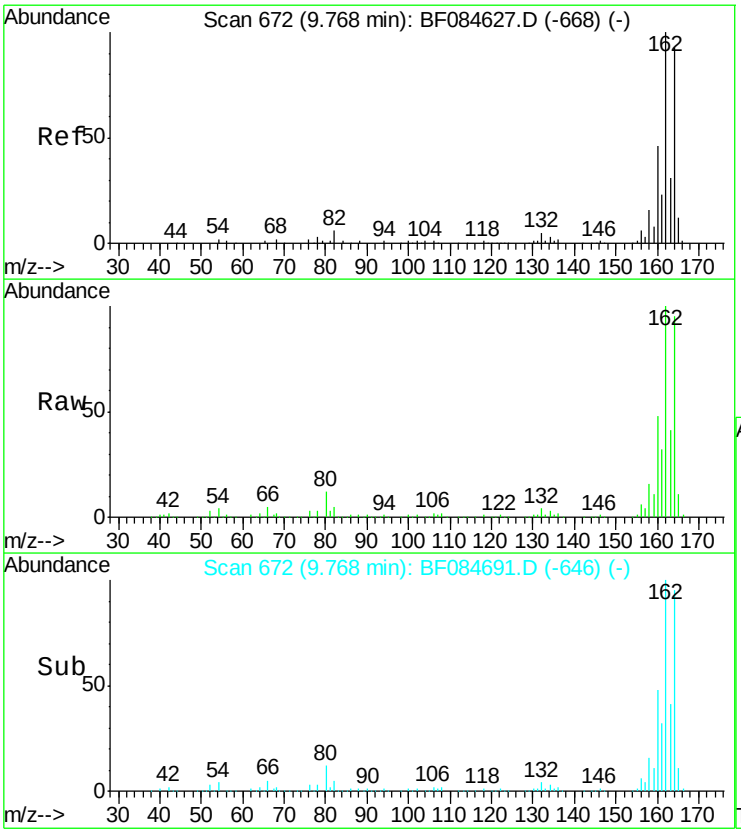
#25
Isophorone
Concen: 9.41 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.27 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion: 82 Resp: 222528

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	10.0#
138	0.0	13.6	20.4#

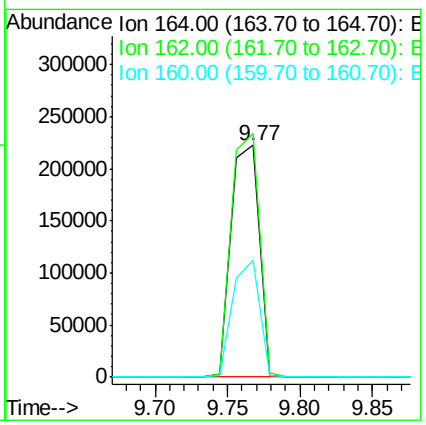


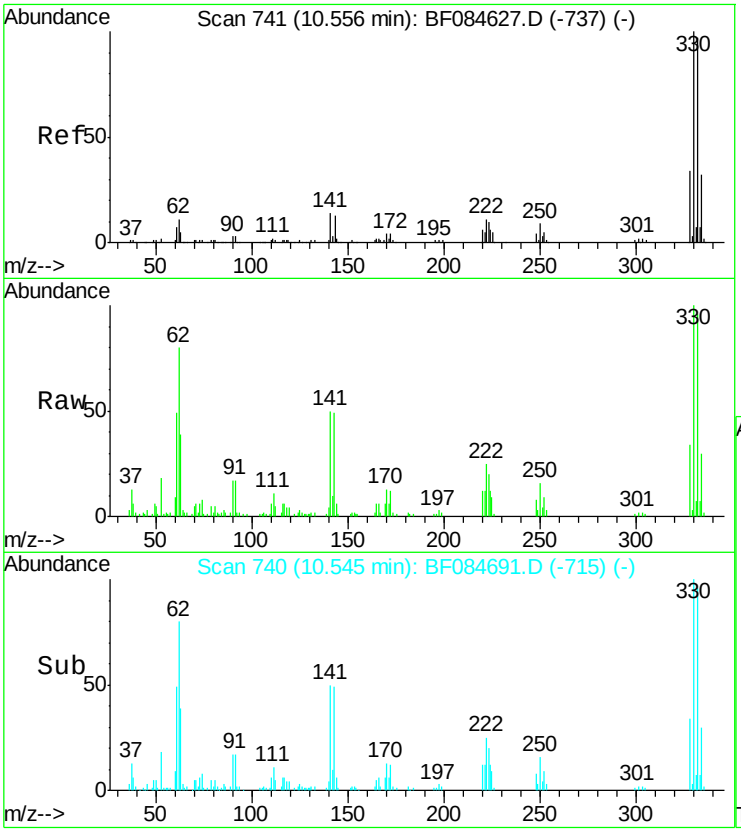


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion:164 Resp: 300472

Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.1	127.7
160	50.4	37.5	56.3



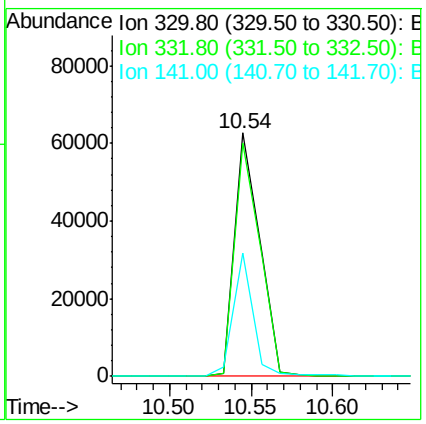


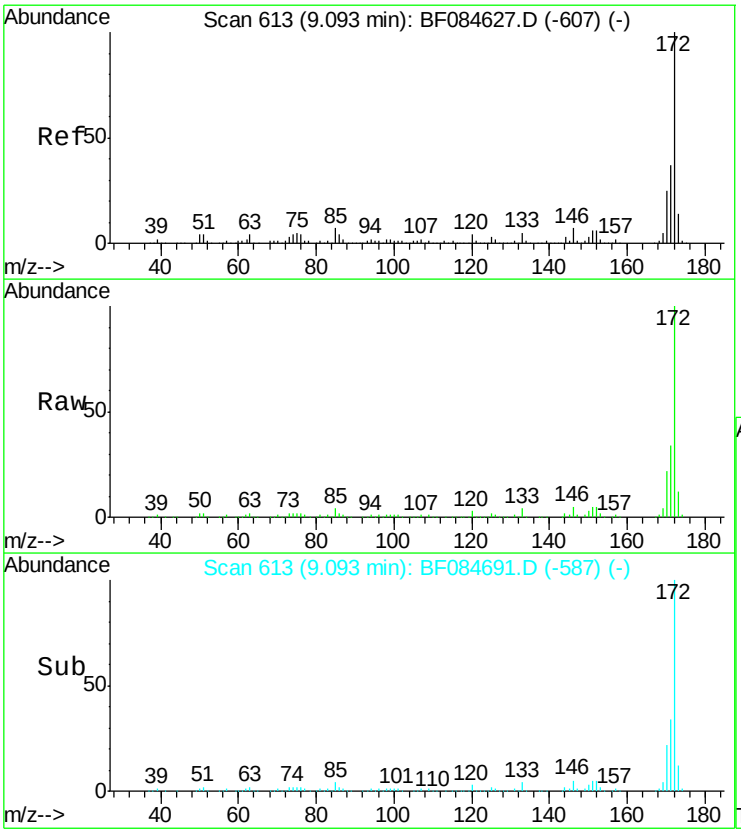
#41
2,4,6-Tribromophenol
Concen: 21.10 ng
RT: 10.54 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion:330 Resp: 66444

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	114.8
141	39.8	27.8	41.6

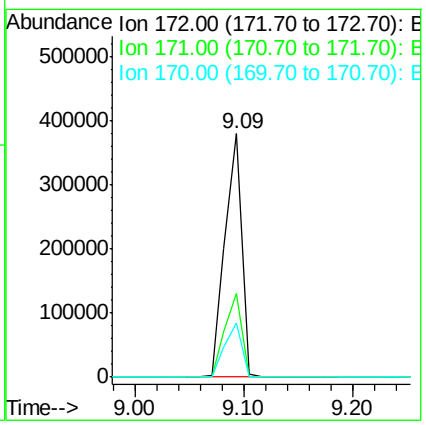


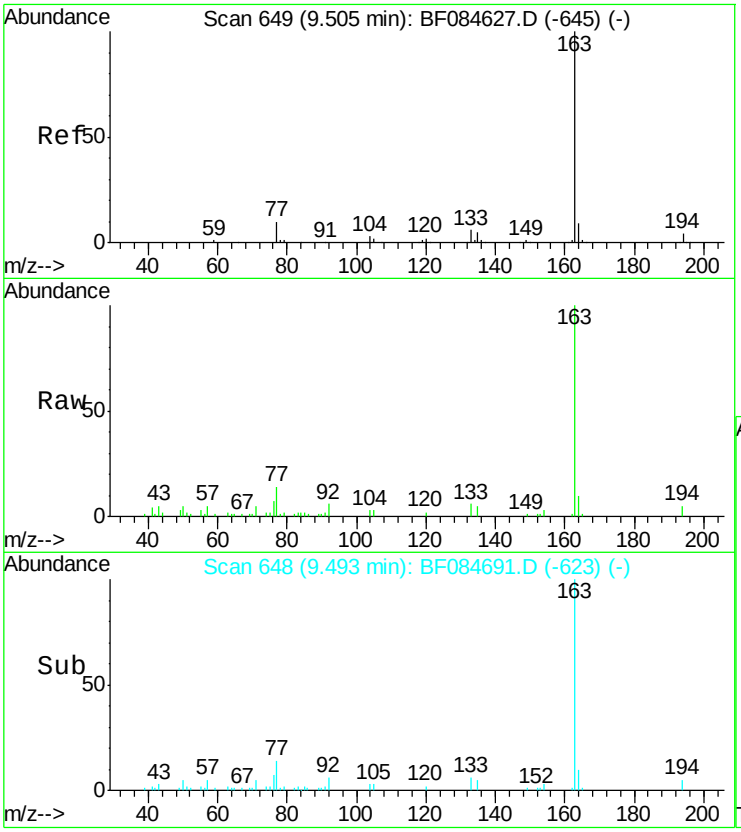


#44
2-Fluorobiphenyl
Concen: 20.08 ng
RT: 9.09 min Scan# 613
Delta R.T. -0.00 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion:172 Resp: 405985

Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.9	43.3
170	22.4	18.6	27.8



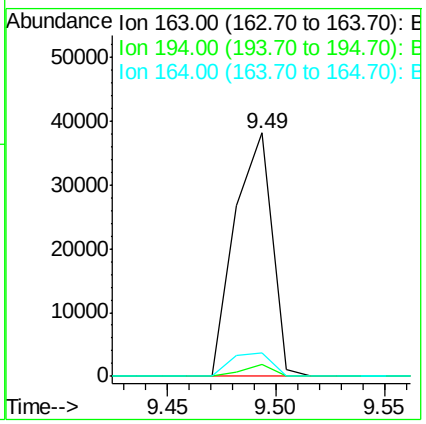


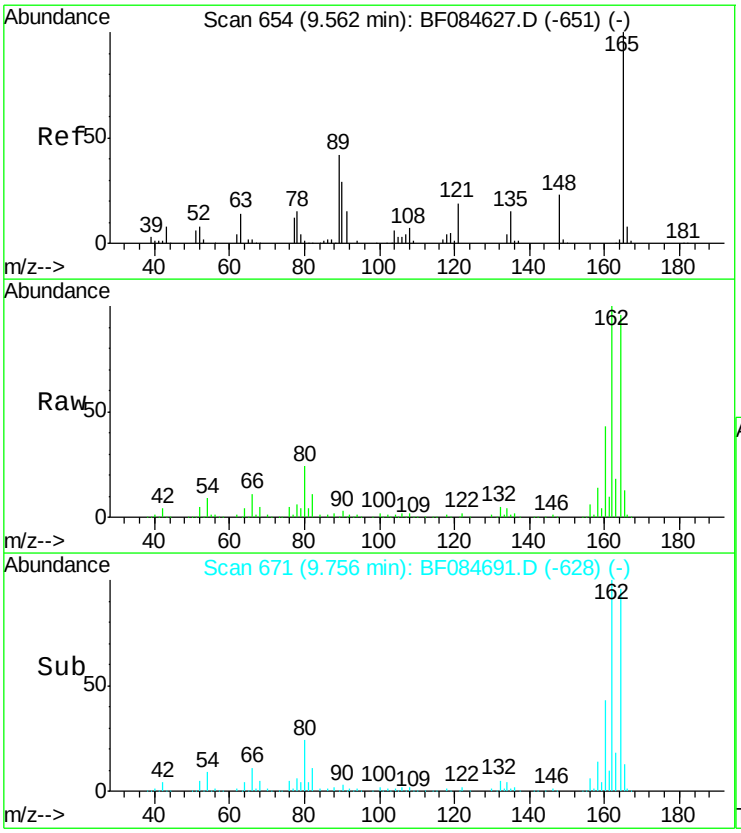
#49
Dimethylphthalate
Concen: 2.01 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion:163 Resp: 45362

Ion	Ratio	Lower	Upper
163	100		
194	4.7	8.0	12.0#
164	9.7	8.0	12.0

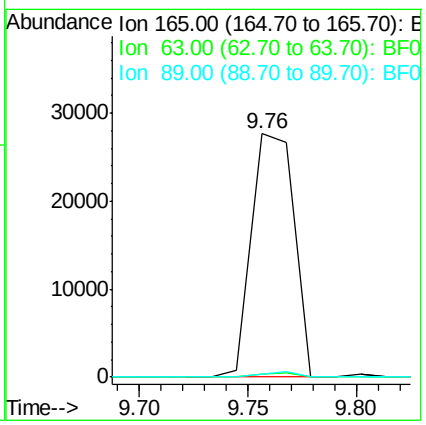


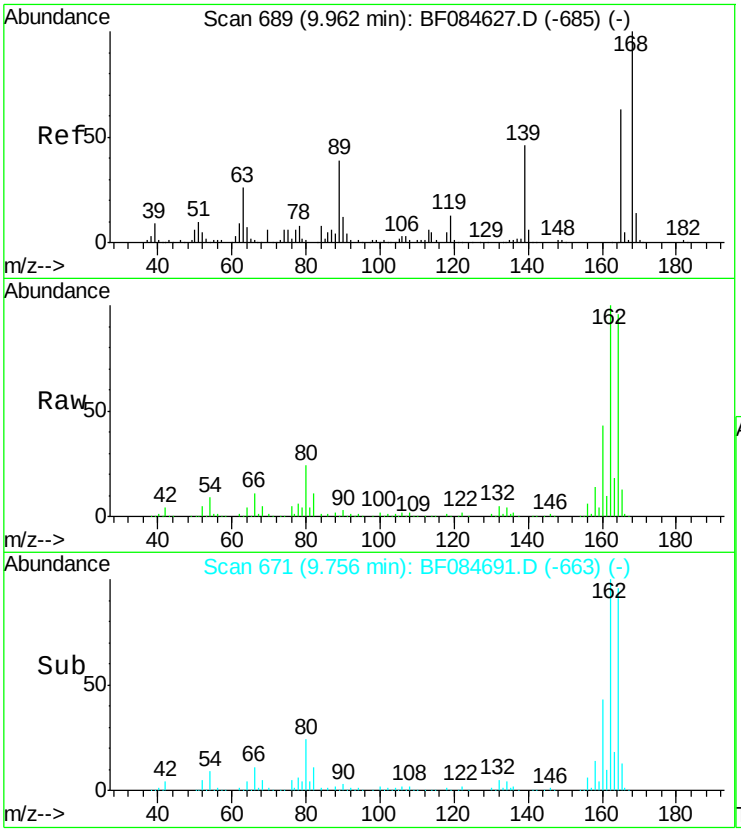


#50
2,6-Dinitrotoluene
Concen: 7.62 ng
RT: 9.76 min Scan# 671
Delta R.T. 0.19 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion:165 Resp: 37832

Ion	Ratio	Lower	Upper
165	100		
63	1.1	28.8	43.2#
89	1.3	35.1	52.7#



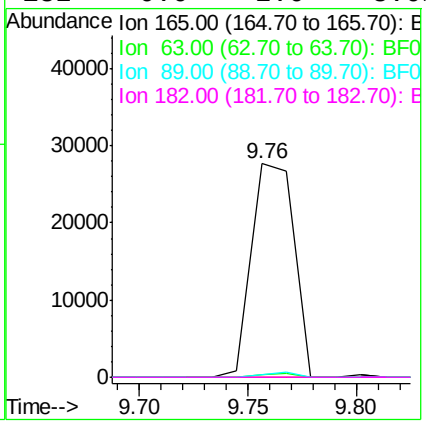


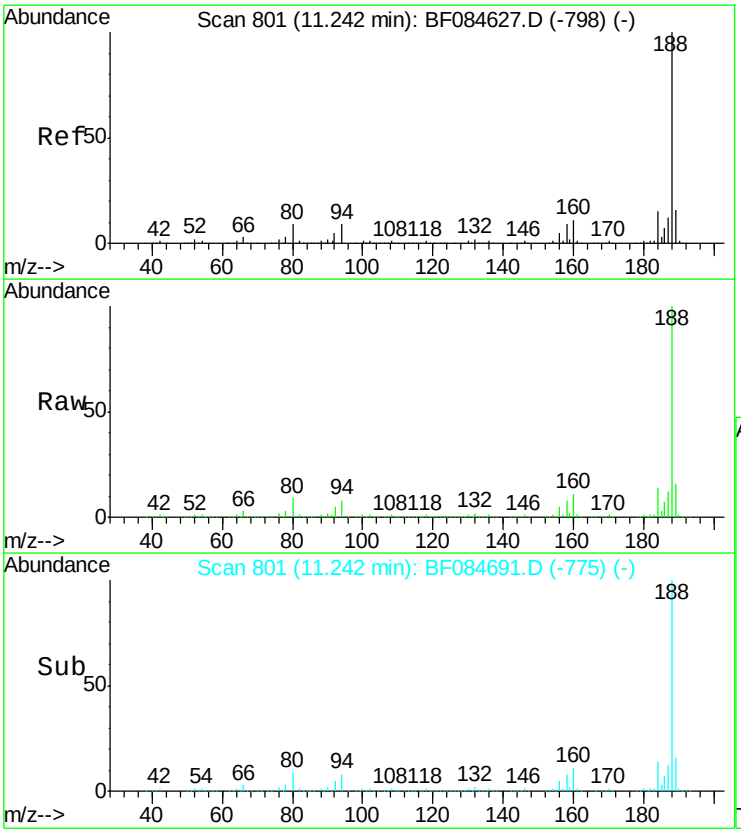
#56
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.21 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion:165 Resp: 37832

Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.7	55.1#
89	1.3	61.9	92.9#
182	0.0	2.0	3.0#

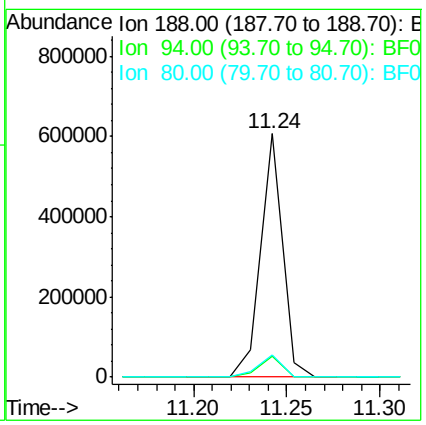


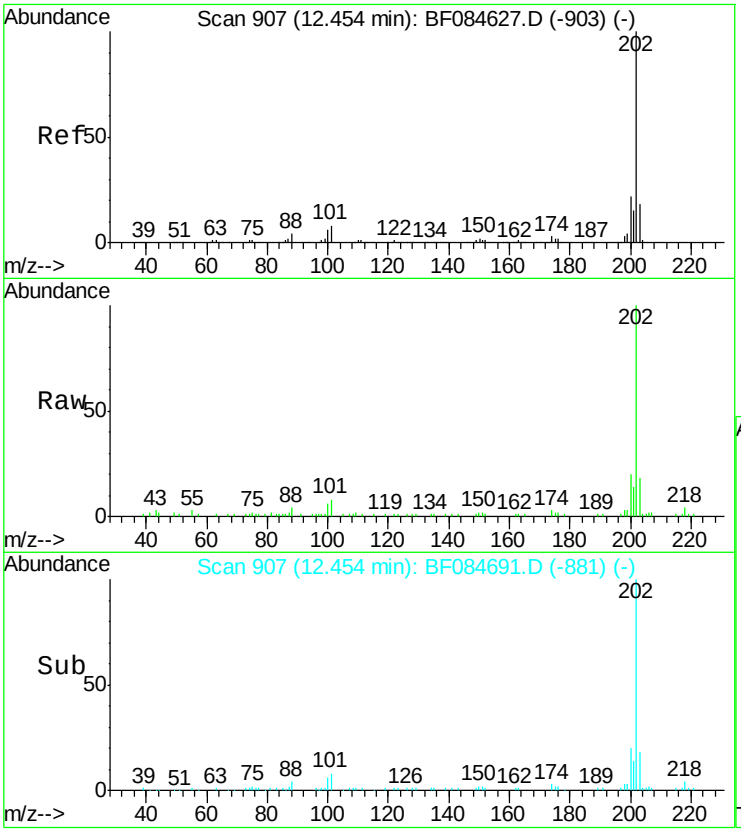


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion:188 Resp: 490496

Ion	Ratio	Lower	Upper
188	100		
94	8.5	9.0	13.4#
80	8.9	9.6	14.4#



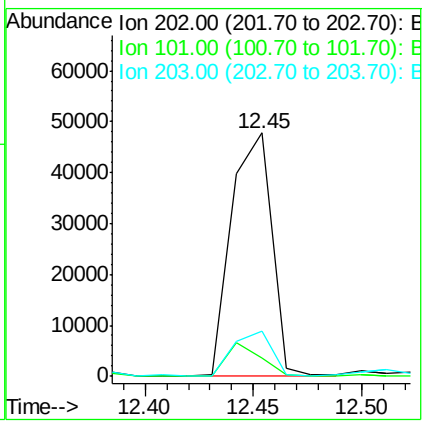


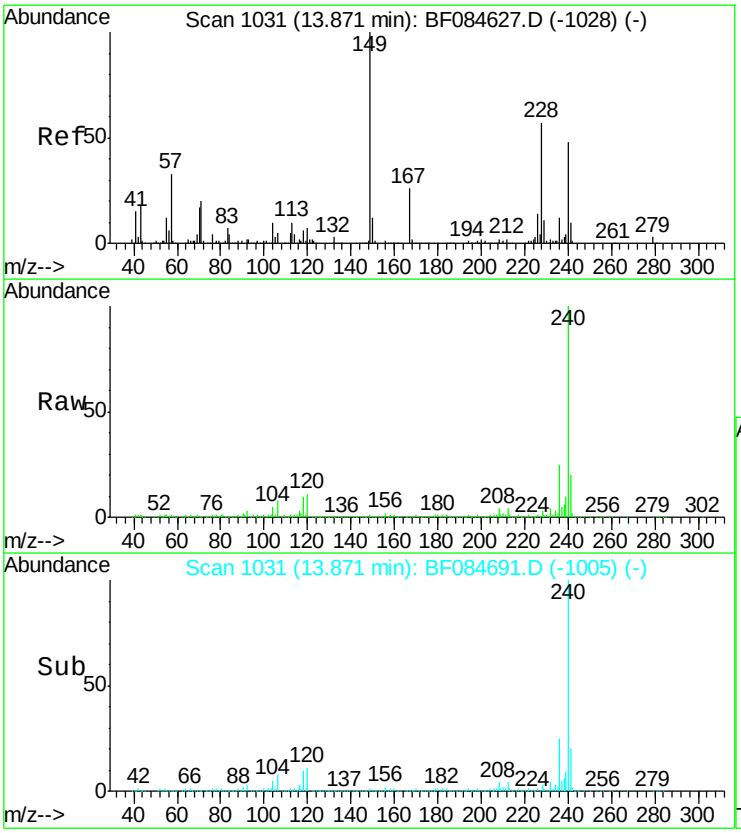
#74
Fluoranthene
Concen: 2.31 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion:202 Resp: 61992

Ion	Ratio	Lower	Upper
202	100		
101	7.7	0.0	32.8
203	18.4	0.0	37.9

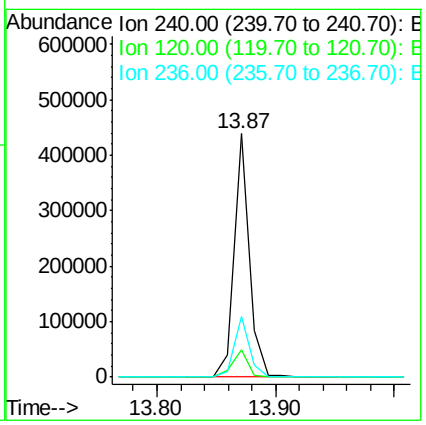


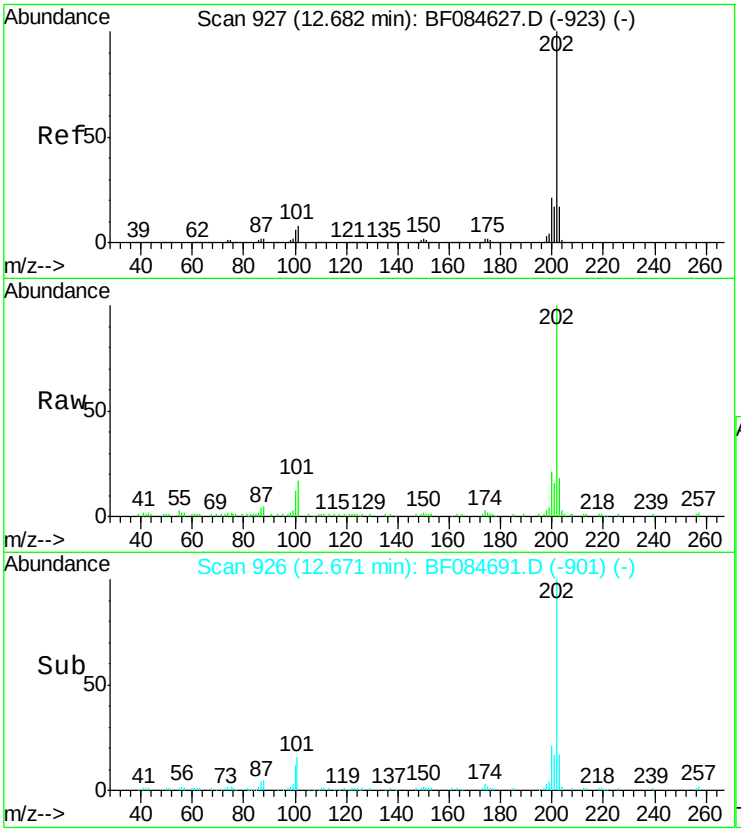


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion:240 Resp: 393275

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.5	14.3
236	24.6	20.6	31.0



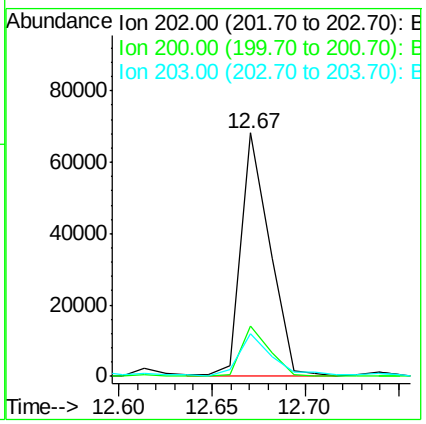


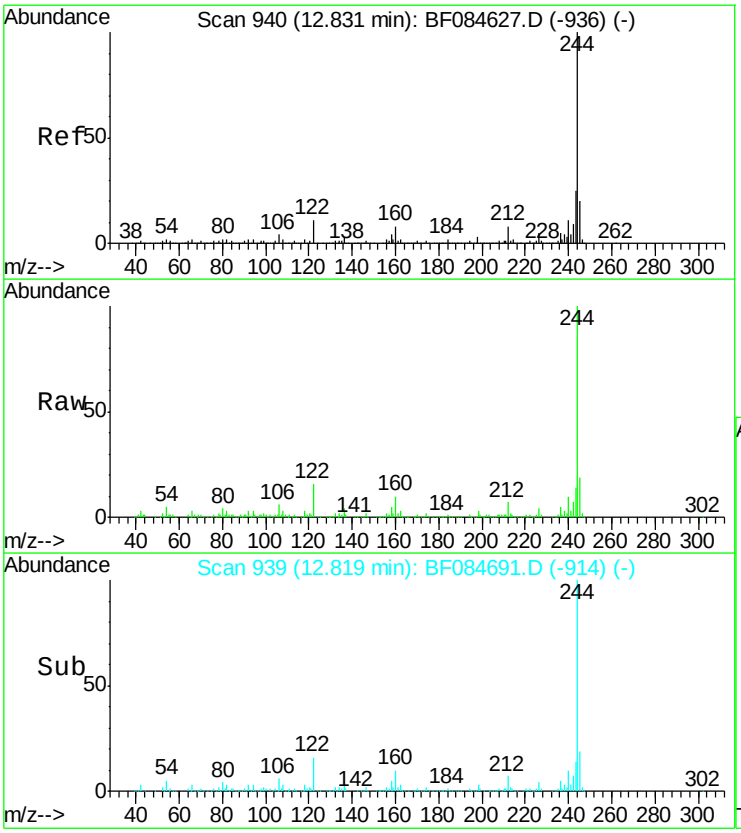
#77
Pyrene
Concen: 2.48 ng
RT: 12.67 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion:202 Resp: 73645

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.2	25.8
203	17.6	14.3	21.5

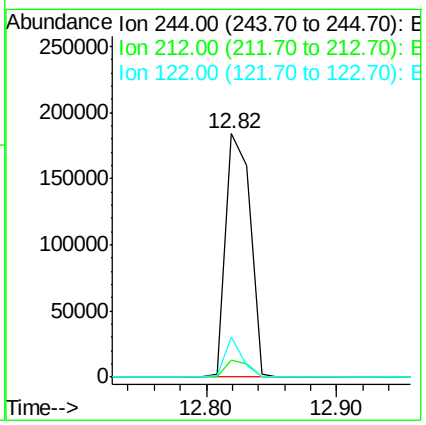


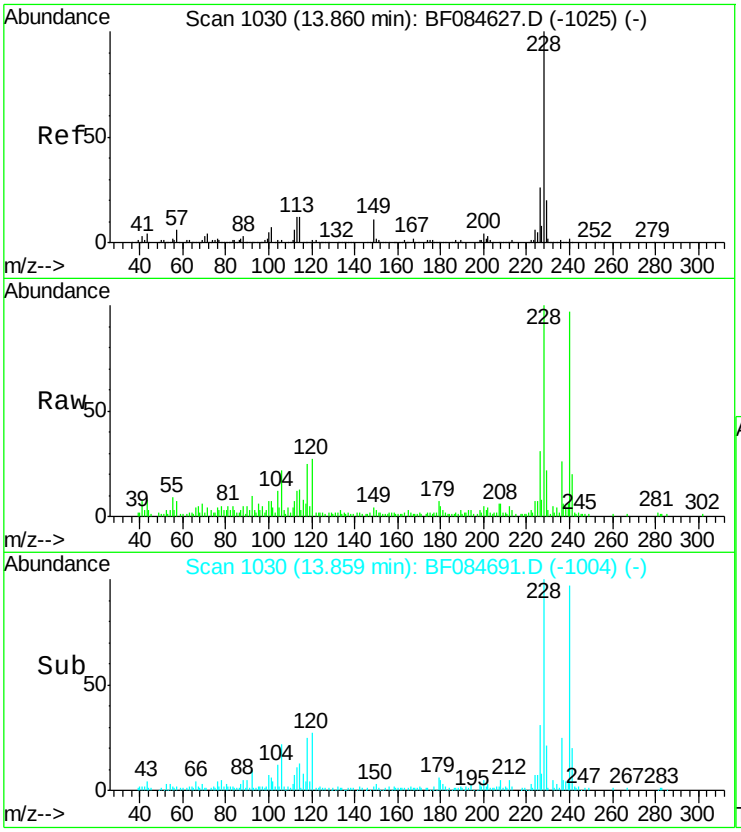


#78
Terphenyl-d14
Concen: 13.82 ng
RT: 12.82 min Scan# 939
Delta R.T. -0.01 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion:244 Resp: 240667

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	16.3	7.4	11.0#



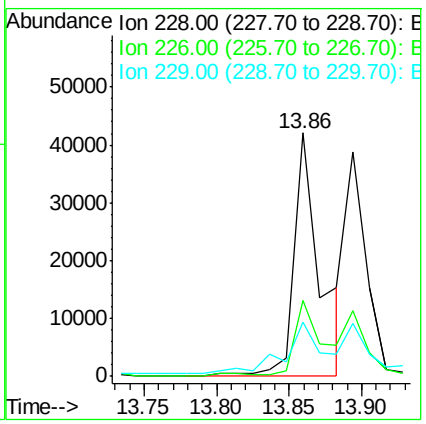


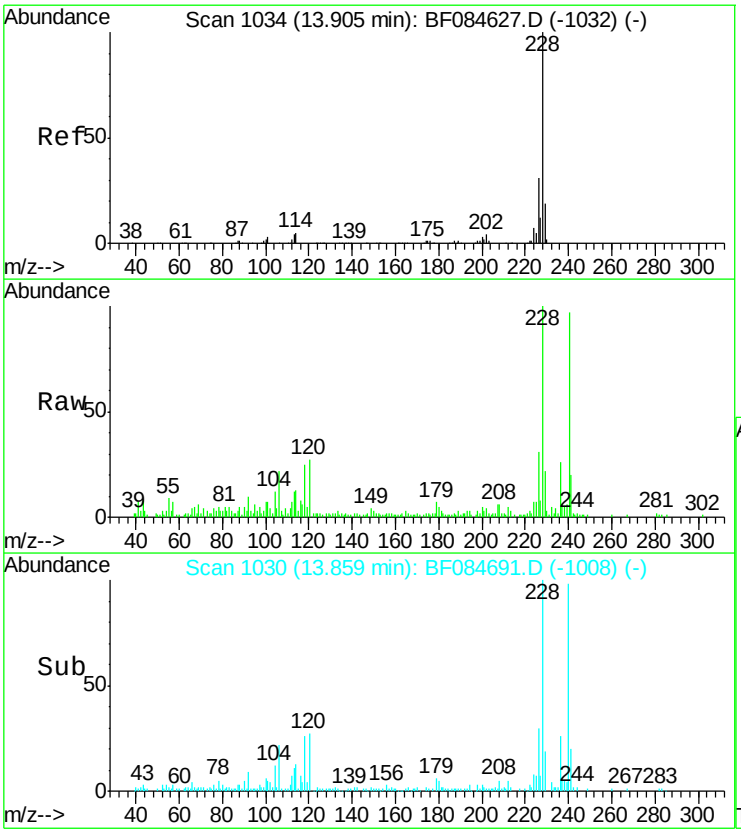
#80
Benzo(a)anthracene
Concen: 2.15 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion:228 Resp: 52777

Ion	Ratio	Lower	Upper
228	100		
226	31.3	21.8	32.6
229	22.3	15.8	23.8

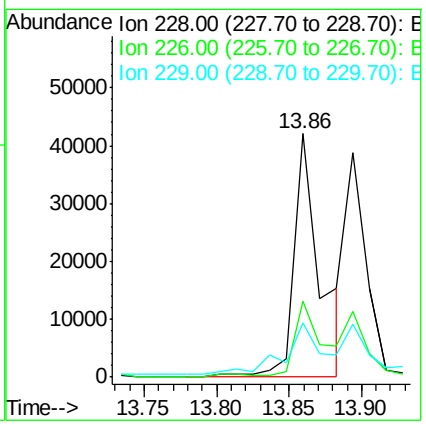


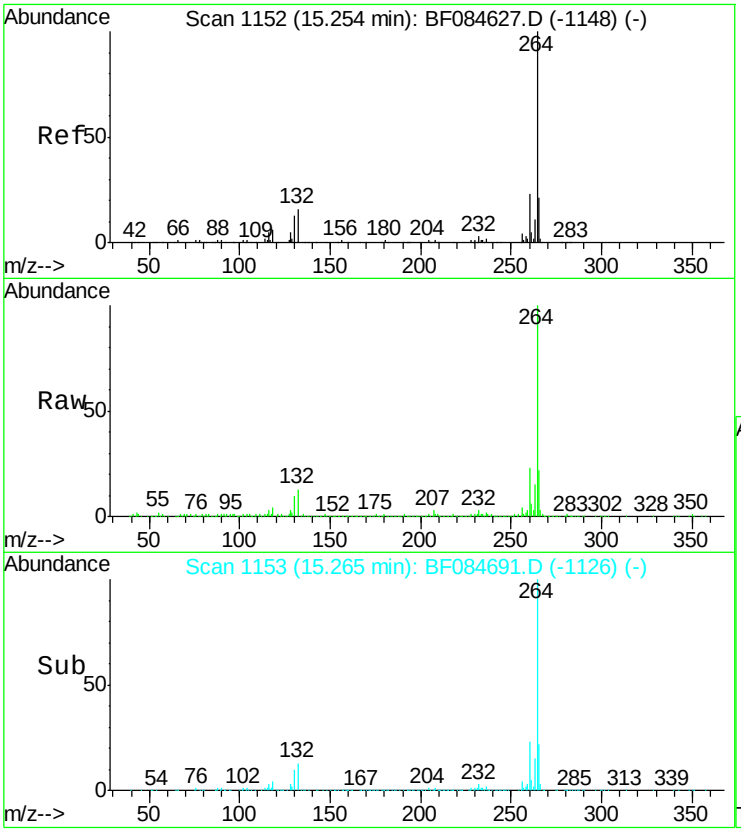


#82
Chrysene
Concen: 2.18 ng
RT: 13.86 min Scan# 1030
Delta R.T. -0.05 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion:228 Resp: 52777

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.3	36.5
229	22.3	16.1	24.1



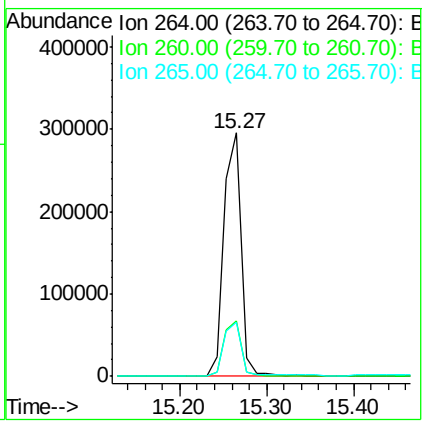


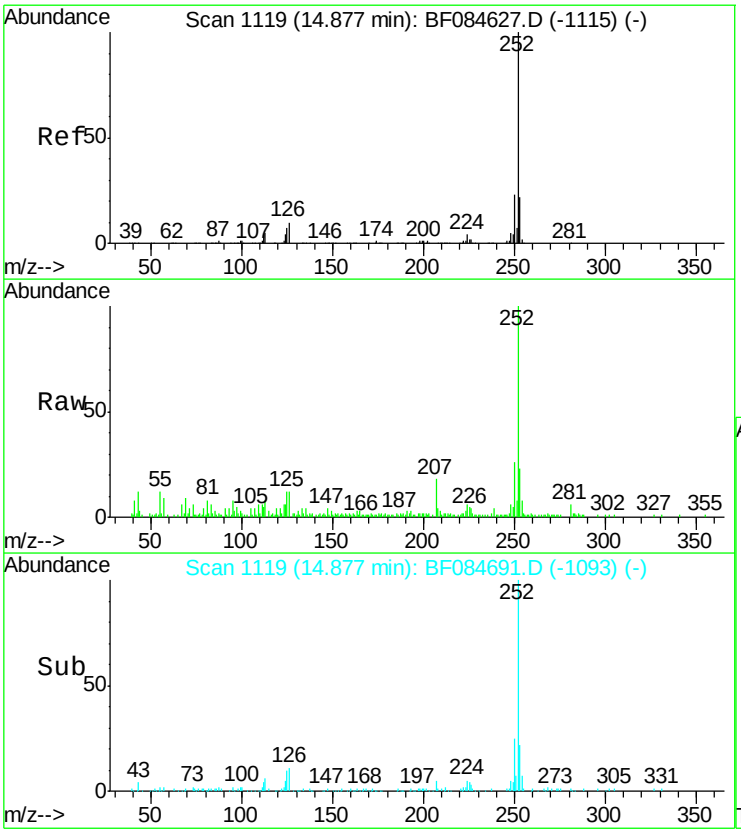
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1153
Delta R.T. 0.01 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion:264 Resp: 409686

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.4	29.2
265	22.3	17.8	26.6

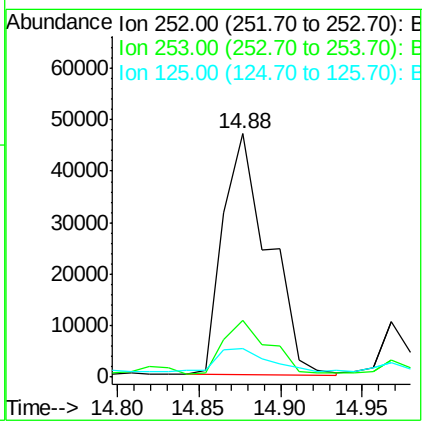


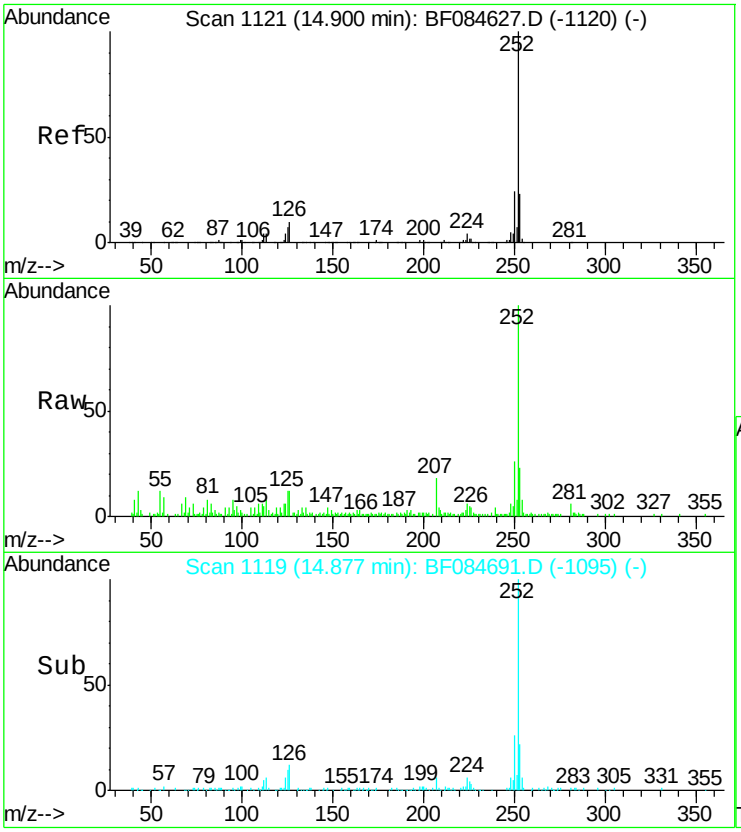


#87
Benzo(b)fluoranthene
Concen: 3.41 ng
RT: 14.88 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Tgt Ion:252 Resp: 90489

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	11.8	6.5	9.7#





#88
Benzo(k)fluoranthene
Concen: 4.12 ng
RT: 14.88 min Scan# 1119
Delta R.T. -0.02 min
Lab File: BF084691.D
Acq: 30 Jan 2016 17:36

Instrument :
BNA_F
ClientSampleId :
SCARBOROUGH1516-00(0-4)

Tgt Ion:252 Resp: 90311

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.8	9.0	13.6