Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\

Quantitation Report (Not Reviewed)

Data File : BF093173.D
Acq On : 25 Feb 2017 6:04
Operator : SJ/MA
Sample : I1973-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-B2-BASE-6

Quant Time: Feb 26 23:36:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	149882	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	598335	20.00	ng		-0.02
38) Acenaphthene-d10	9.87	164	240205	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	341395	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	301368	20.00	ng		-0.01
86) Perylene-d12	15.44	264	256212	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1347020	154.19	ng		-0.01
7) Phenol-d6	6.48	99	1639008	145.81	ng		-0.01
23) Nitrobenzene-d5	7.40	82	946860	88.12	ng		-0.02
41) 2,4,6-Tribromophenol	10.67	330	229234	131.95	ng		-0.01
44) 2-Fluorobiphenyl	9.20	172	1494913	112.75	ng		-0.02
78) Terphenyl-d14	12.95	244	908916	70.87	ng		-0.02
Target Compounds							Qvalue
10) Phenol	6.49	94	105694	8.04	ng		95
15) Benzyl Alcohol	6.99	79	16784	2.02	ng	#	44
19) n-Nitroso-di-n-propylamine	7.40	70	124382	17.38	ng	#	82
25) Isophorone	7.40	82	815945	40.75	ng	#	65
49) Dimethylphthalate	9.60	163	420127	25.97	ng		100
56) 2,4-Dinitrotoluene	9.87	165	30284	6.51	ng	#	21
64) 4,6-Dinitro-2-methylphenol	10.67	198	724	3.00	ng	#	1
66) 4-Bromophenyl-phenylether	10.67	248	17286	4.85	ng	#	1
74) Fluoranthene	12.58	202	40686	2.02	ng		92
87) Benzo(b)fluoranthene	15.03	252	37447	2.22	ng	#	95
88) Benzo(k)fluoranthene	15.03	252	37447	2.57	ng	#	95

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

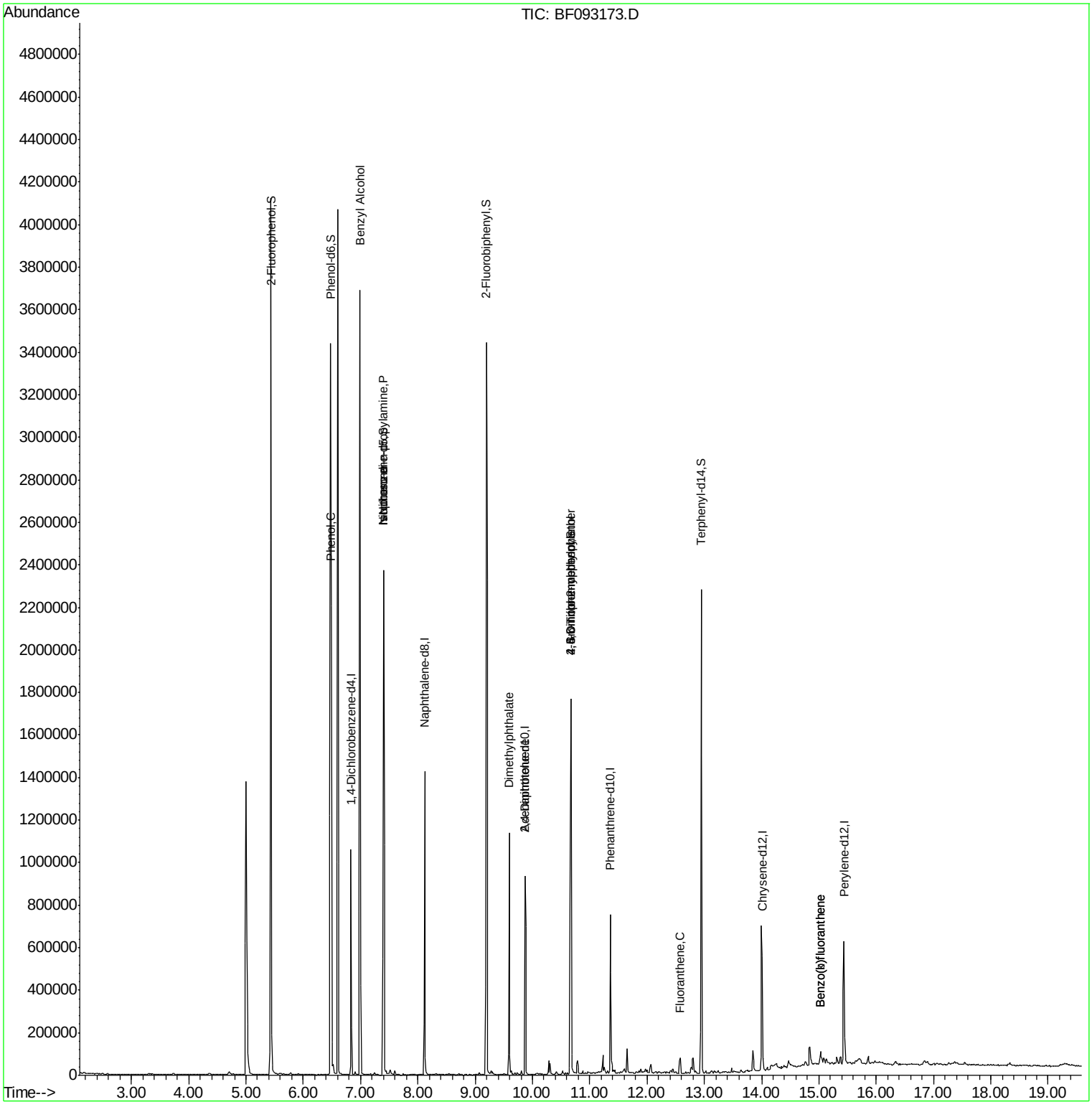
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\

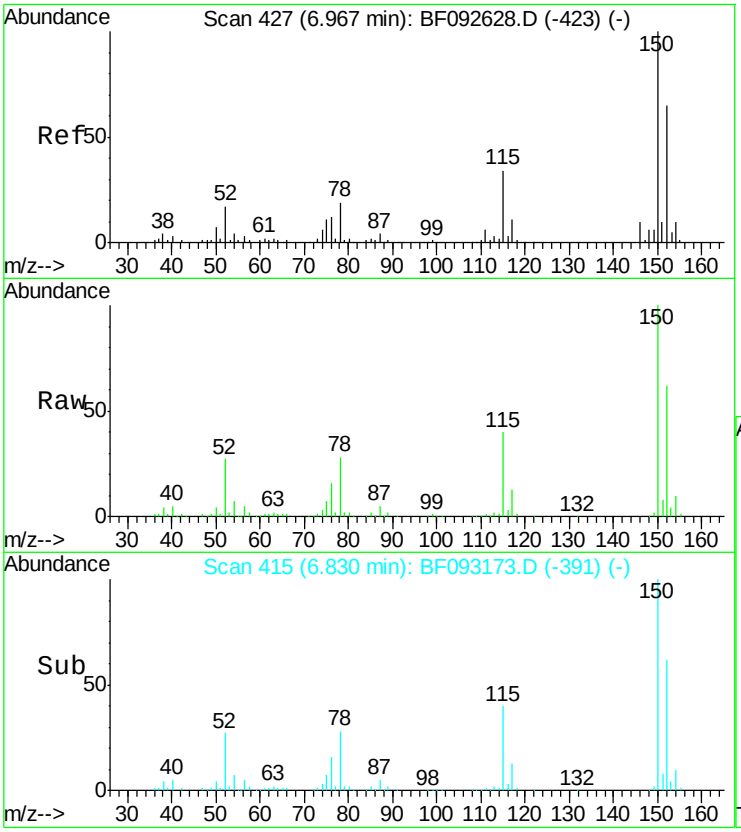
Quantitation Report (Not Reviewed)

Data File : BF093173.D
Acq On : 25 Feb 2017 6:04
Operator : SJ/MA
Sample : I1973-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Quant Time: Feb 26 23:36:50 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration



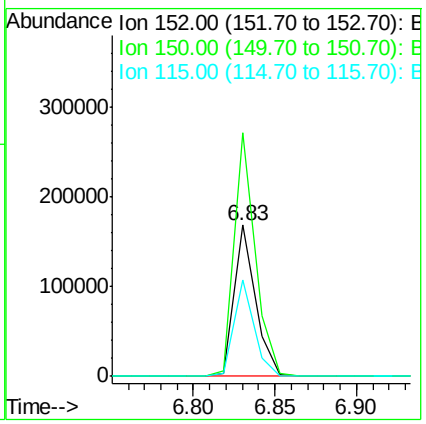


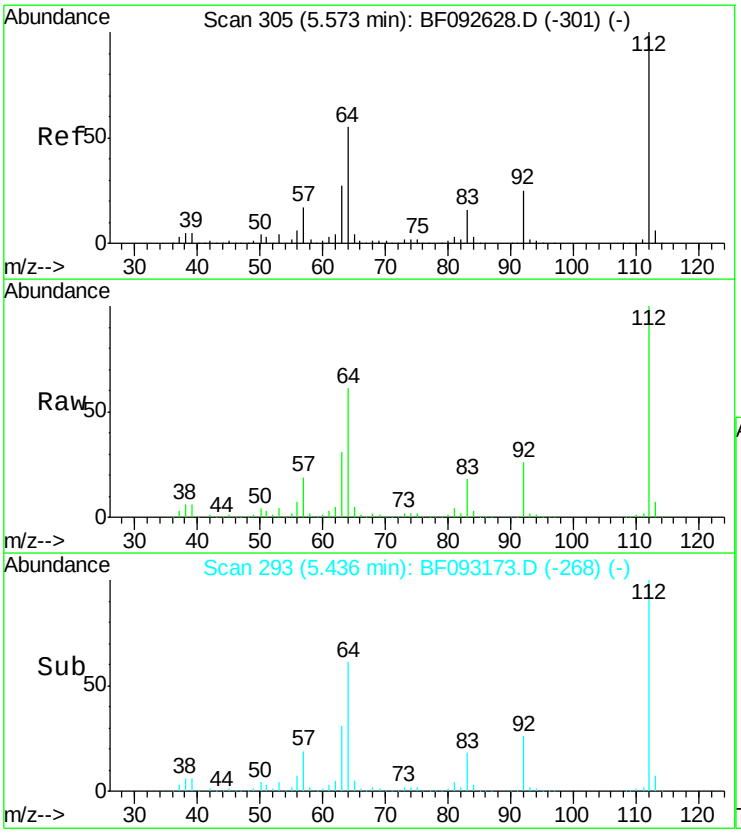
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion:152 Resp: 149882

Ion	Ratio	Lower	Upper
152	100		
150	161.2	124.9	187.3
115	63.7	46.0	69.0

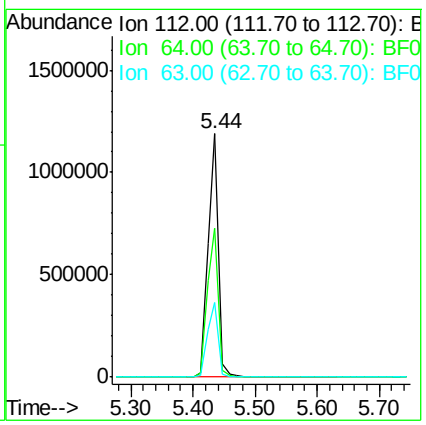


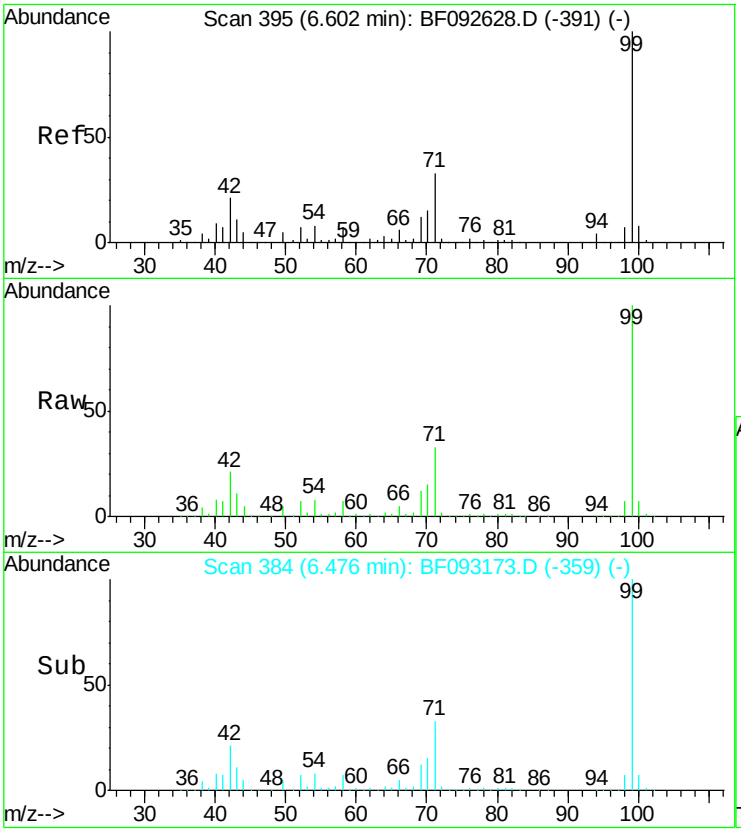


#5
2-Fluorophenol
Concen: 154.19 ng
RT: 5.44 min Scan# 293
Delta R.T. -0.01 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion:112 Resp: 1347020

Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.1	69.1
63	30.7	23.8	35.6



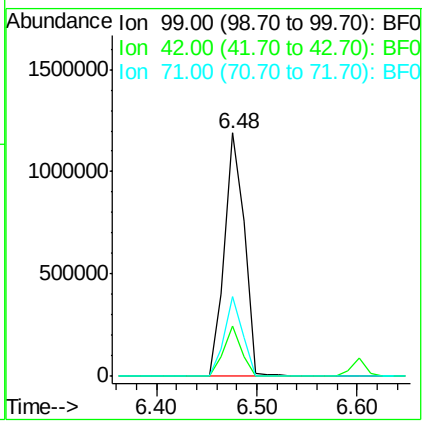


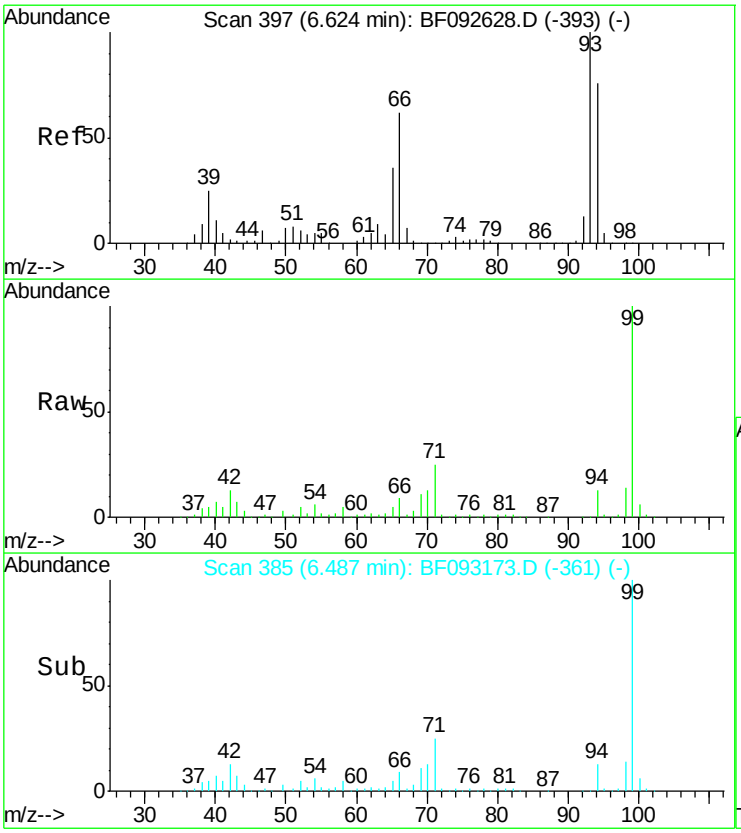
#7
Phenol-d6
Concen: 145.81 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion: 99 Resp: 1639008

Ion	Ratio	Lower	Upper
99	100		
42	20.6	15.6	23.4
71	32.9	27.5	41.3

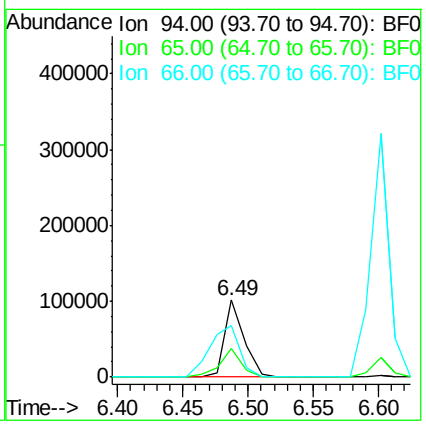


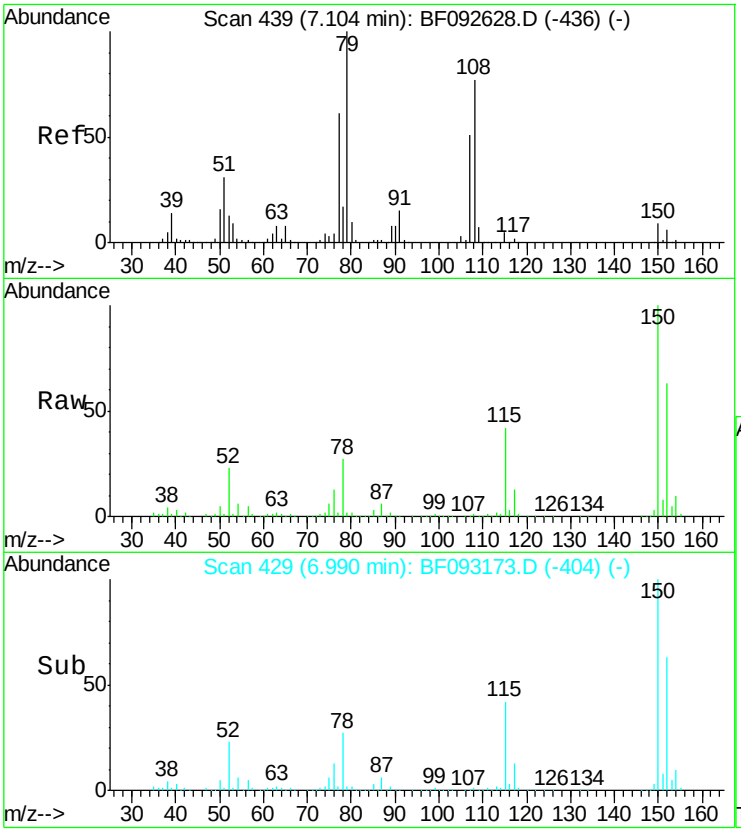


#10
Phenol
Concen: 8.04 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion: 94 Resp: 105694

Ion	Ratio	Lower	Upper
94	100		
65	37.8	21.4	61.4
66	67.3	44.0	84.0



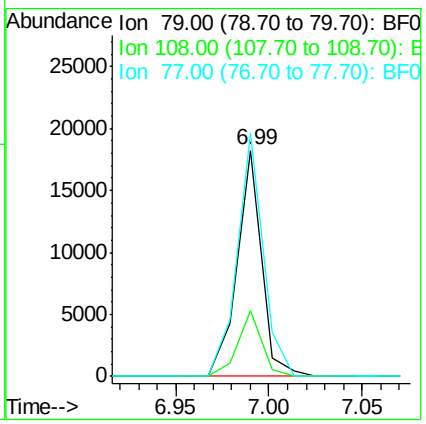


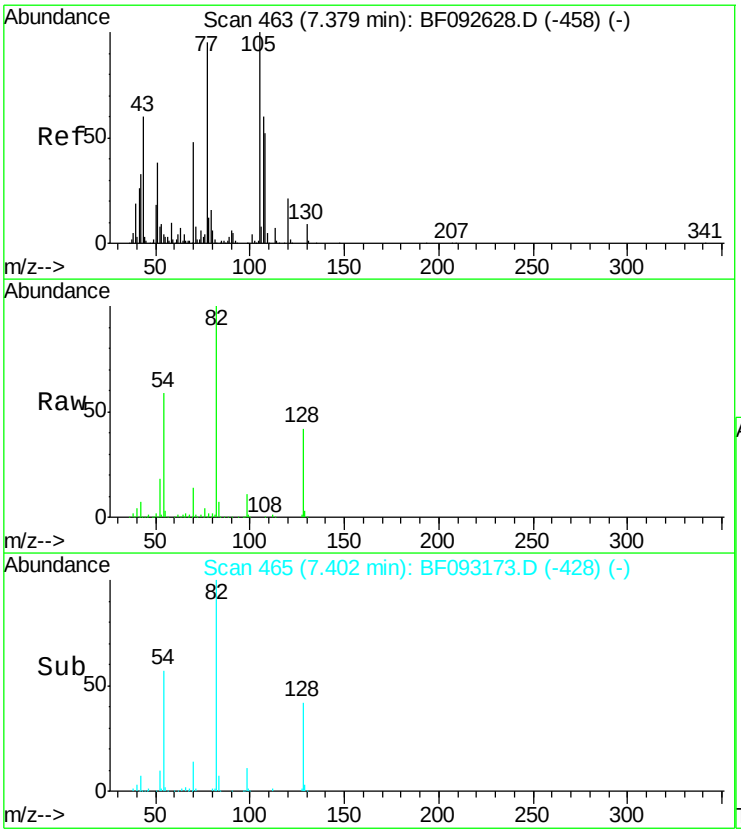
#15
Benzyl Alcohol
Concen: 2.02 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion: 79 Resp: 16784

Ion	Ratio	Lower	Upper
79	100		
108	29.0	61.4	92.0#
77	107.6	50.9	76.3#

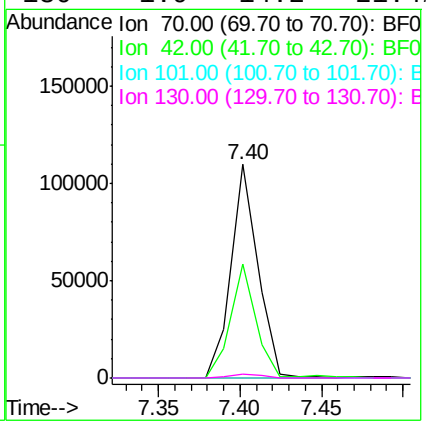


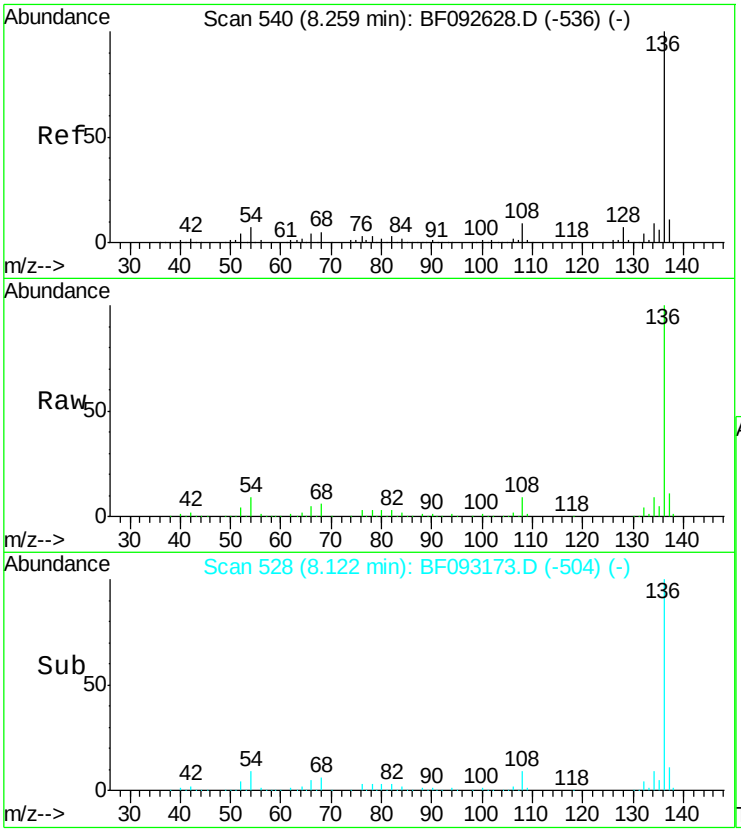


#19
n-Nitroso-di-n-propylamine
Concen: 17.38 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion: 70 Resp: 124382

Ion	Ratio	Lower	Upper
70	100		
42	53.1	49.4	74.0
101	0.0	7.4	11.2#
130	1.9	14.2	21.4#



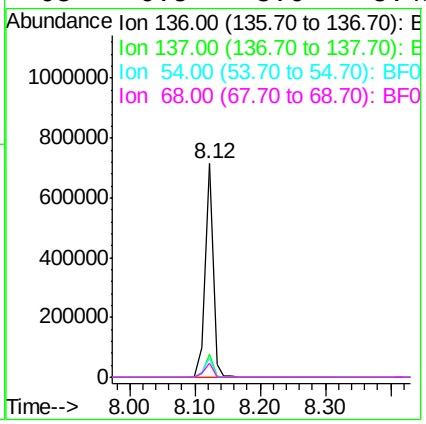


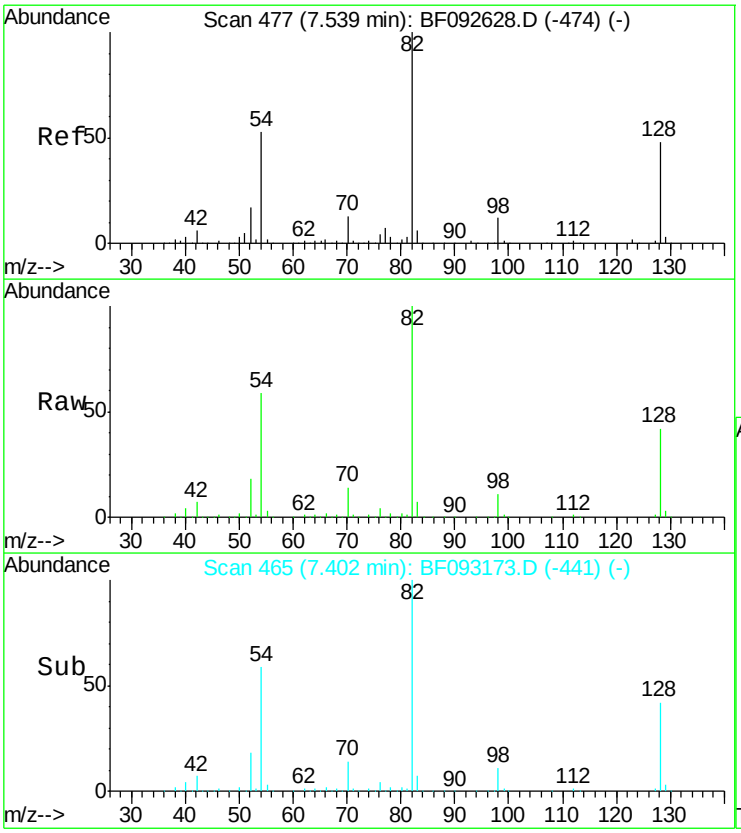
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion:136 Resp: 598335

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.3	4.5	6.7#
68	6.5	3.6	5.4#

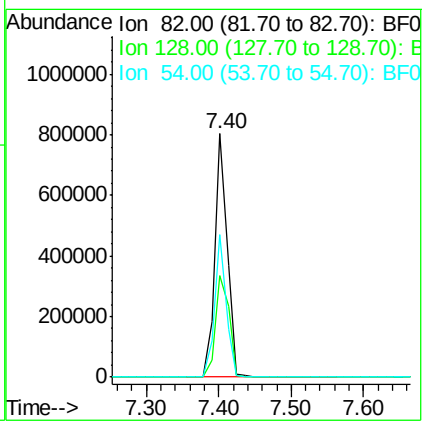


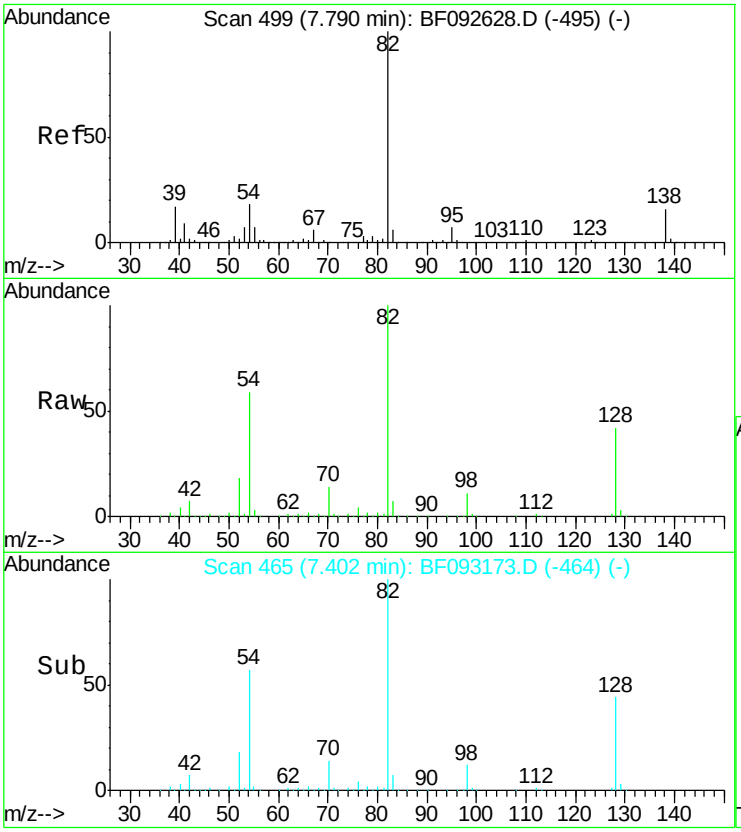


#23
Nitrobenzene-d5
Concen: 88.12 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion: 82 Resp: 946860

Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	58.7	39.5	59.3



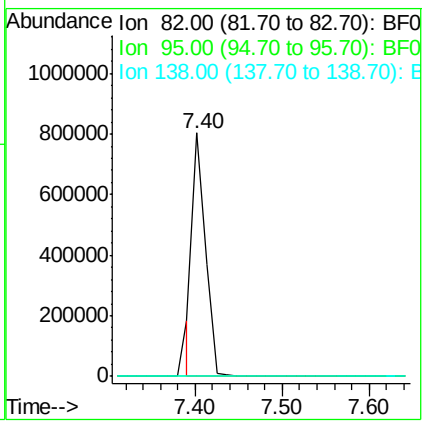


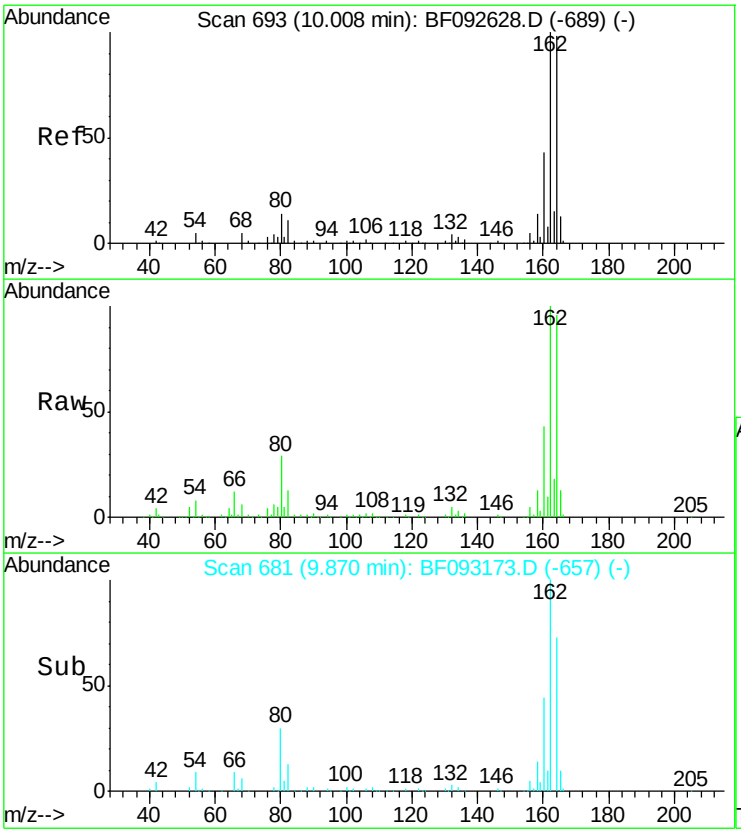
#25
Isophorone
Concen: 40.75 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.29 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion: 82 Resp: 815945

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4#
138	0.0	14.6	22.0#

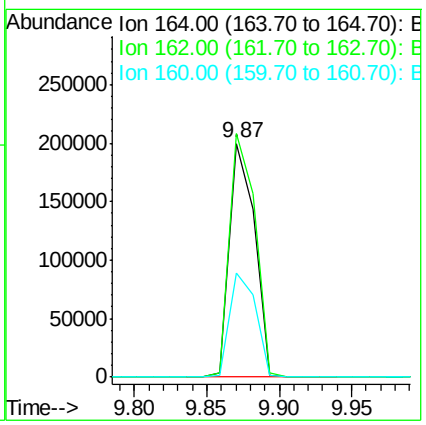


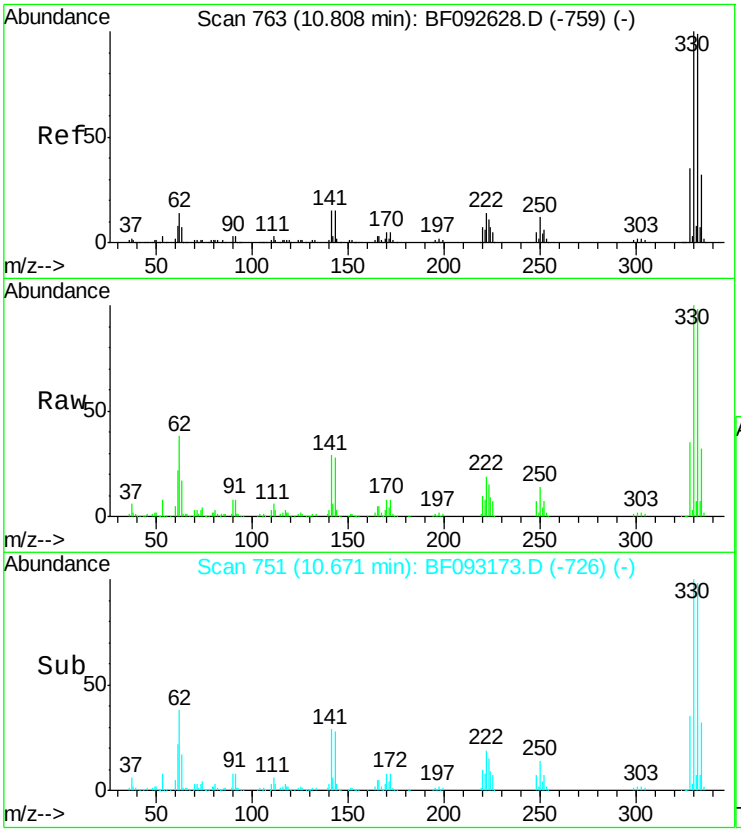


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion:164 Resp: 240205

Ion	Ratio	Lower	Upper
164	100		
162	104.1	80.2	120.2
160	44.7	36.9	55.3



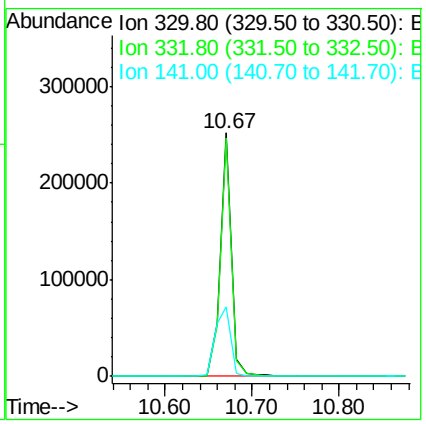


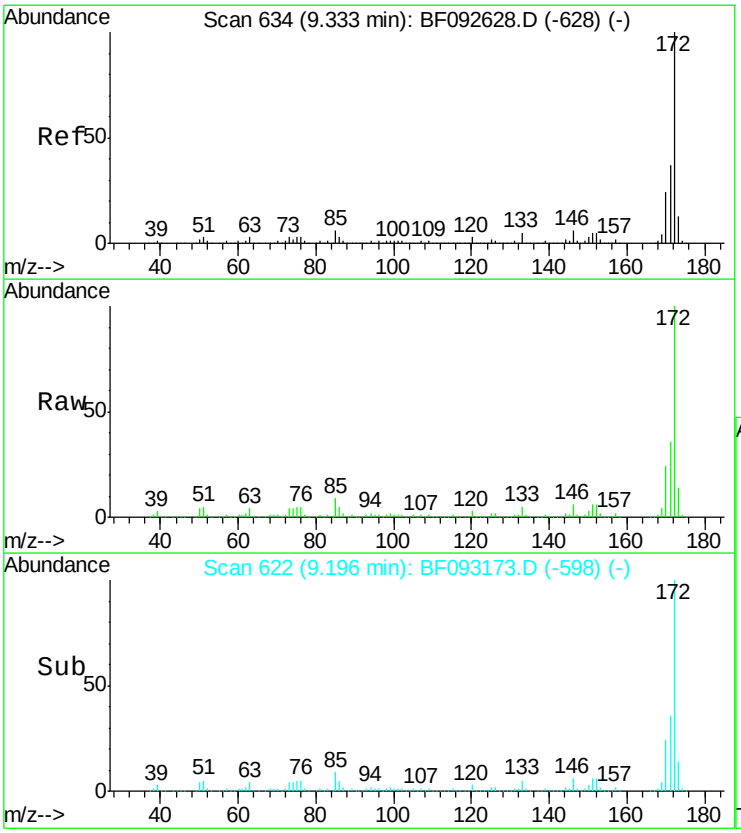
#41
2,4,6-Tribromophenol
Concen: 131.95 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion:330 Resp: 229234

Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.4	116.2
141	40.0	34.1	51.1

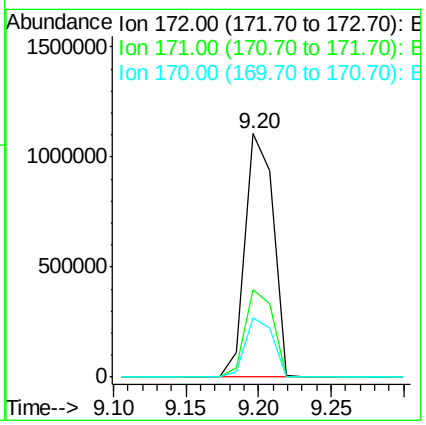


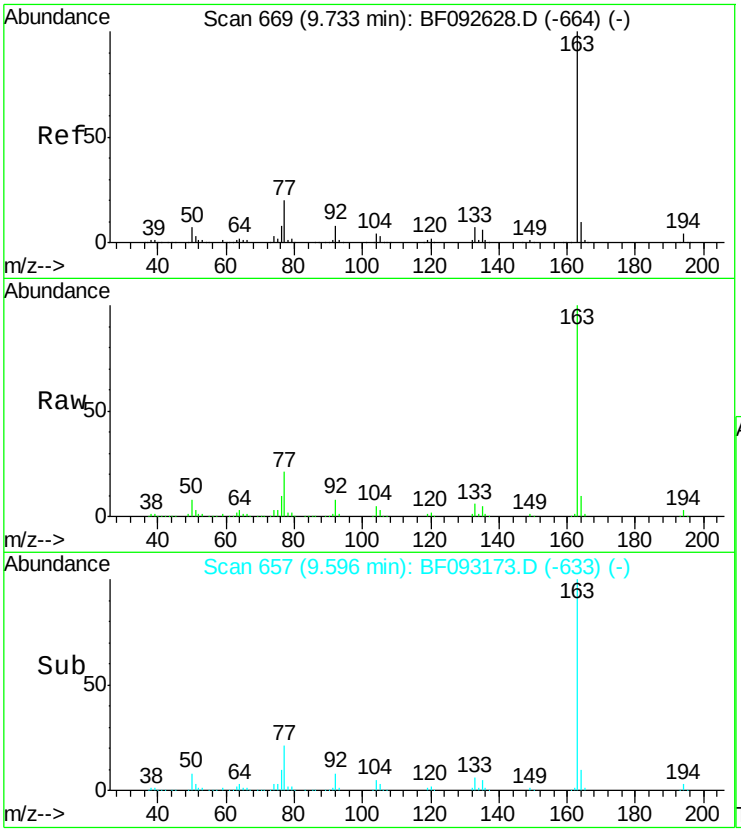


#44
2-Fluorobiphenyl
Concen: 112.75 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion:172 Resp: 1494913

Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.4	44.0
170	24.3	20.2	30.4



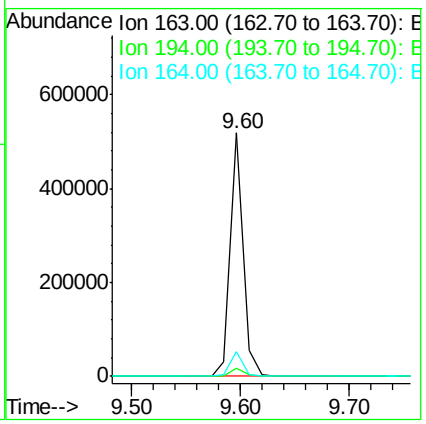


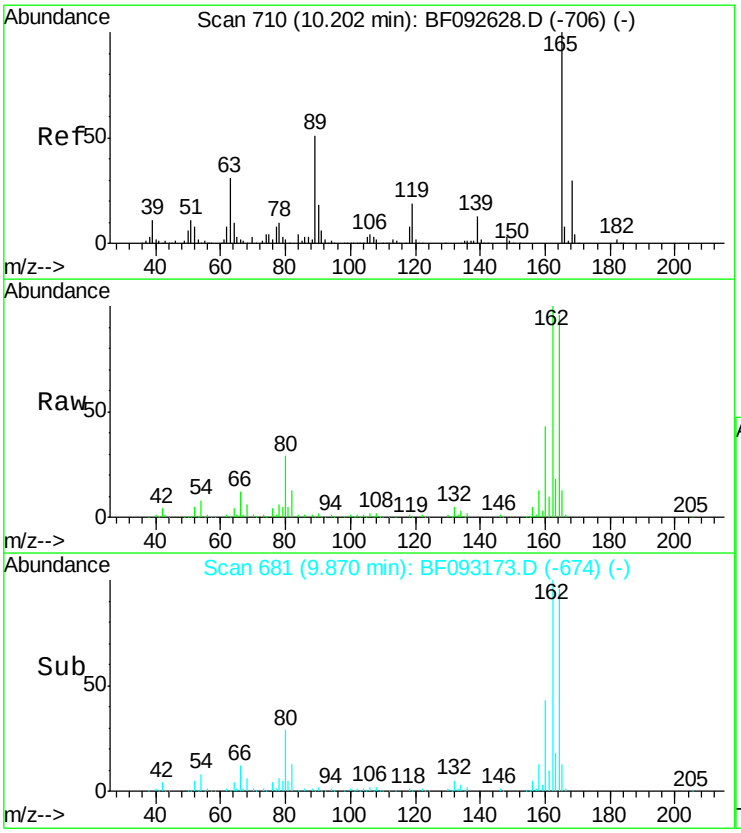
#49
Dimethylphthalate
Concen: 25.97 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion:163 Resp: 420127

Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.0	4.4
164	10.0	8.0	12.0

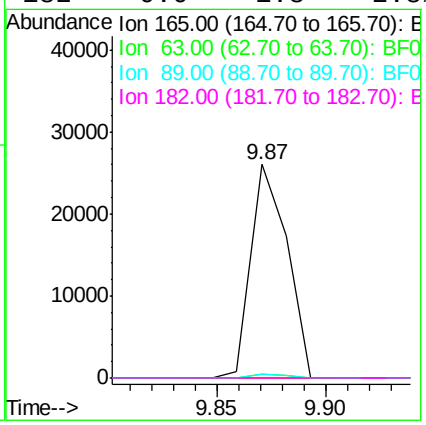


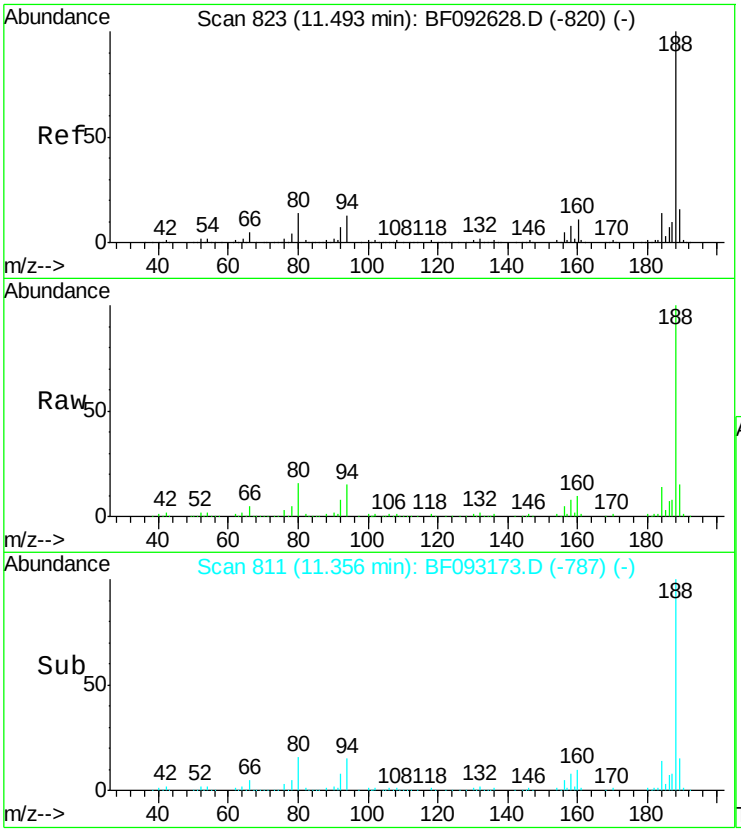


#56
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.22 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion:165 Resp: 30284

Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.2	60.4#
89	1.7	62.5	93.7#
182	0.0	1.8	2.8#



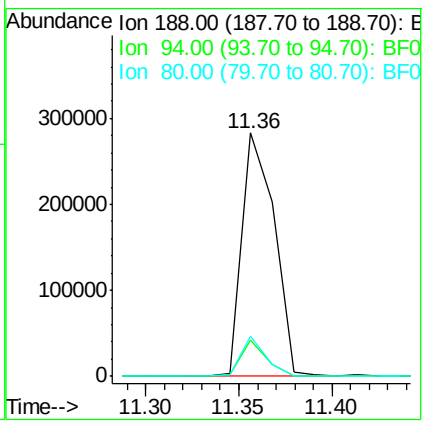


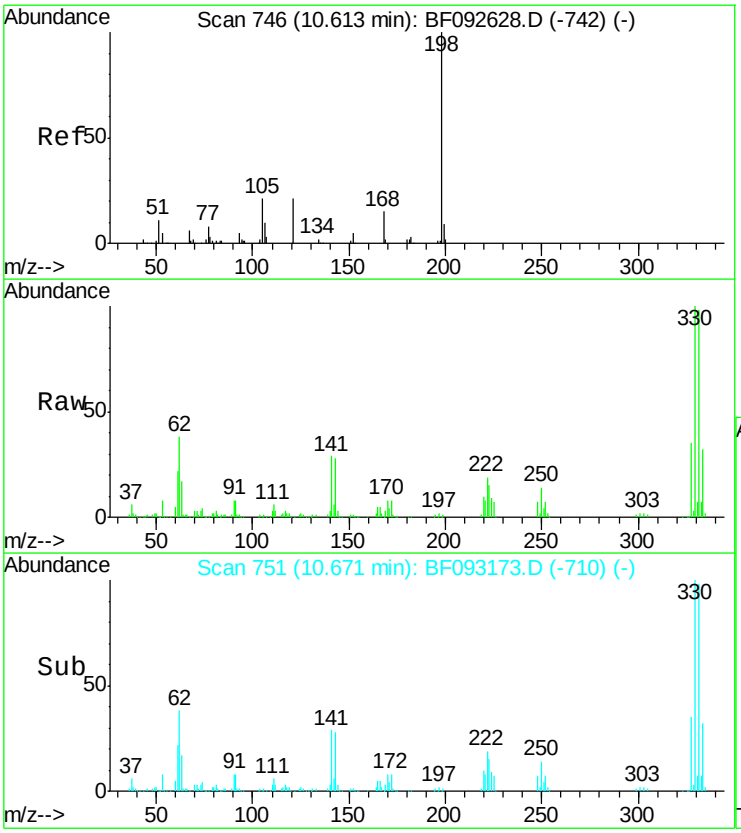
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion:188 Resp: 341395

Ion	Ratio	Lower	Upper
188	100		
94	15.0	10.0	15.0
80	16.3	11.2	16.8

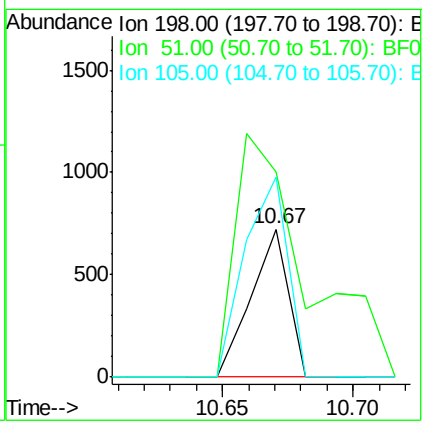


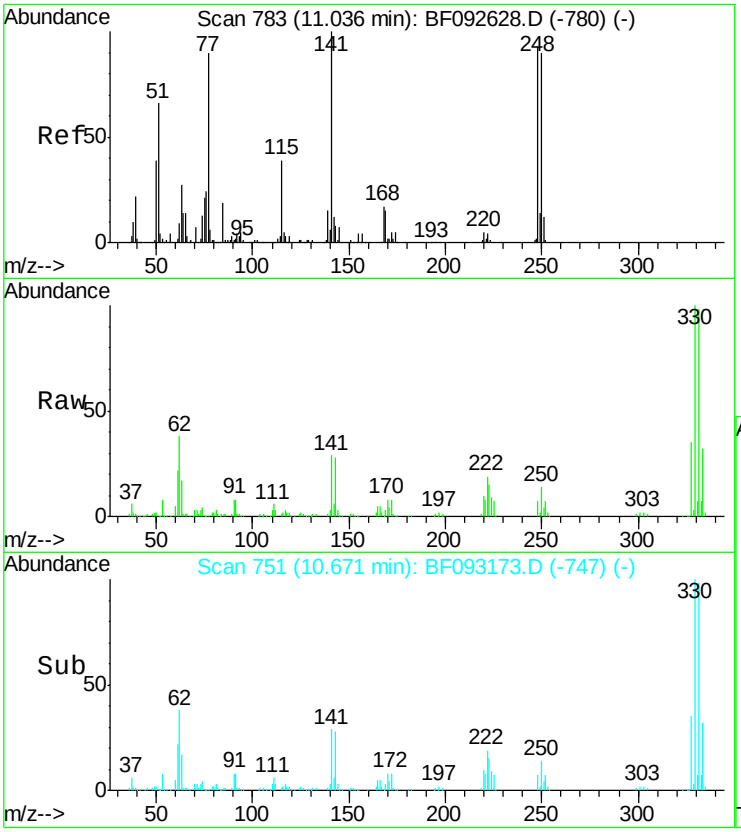


#64
4,6-Dinitro-2-methylphenol
Concen: 3.00 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion:198 Resp: 724

Ion	Ratio	Lower	Upper
198	100		
51	138.1	6.7	46.7#
105	134.9	16.6	56.6#



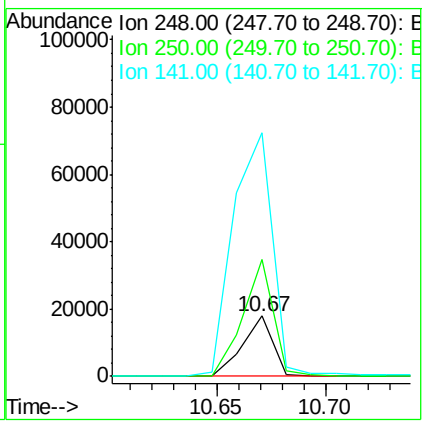


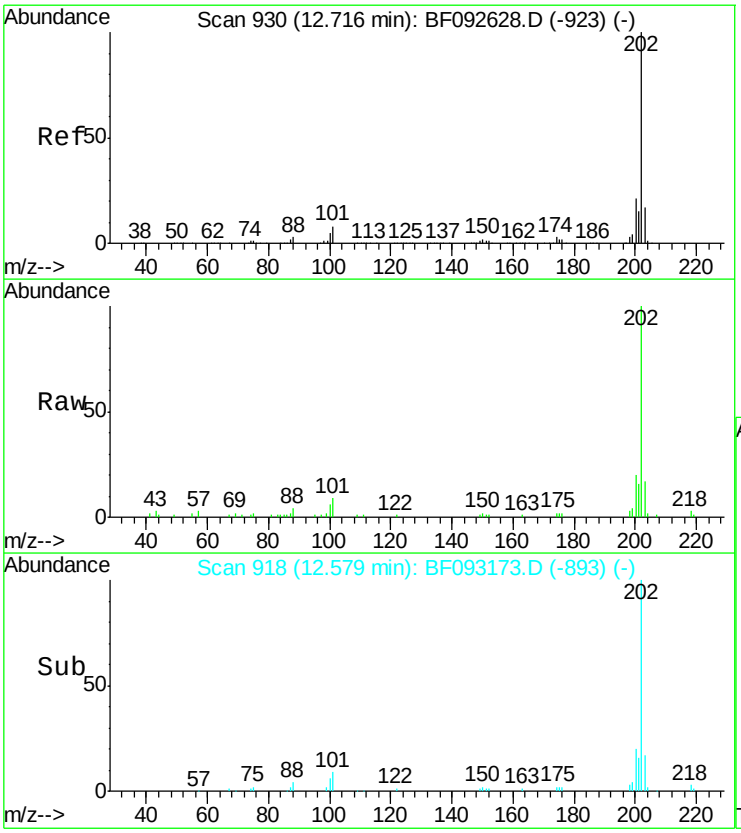
#66
4-Bromophenyl-phenylether
Concen: 4.85 ng
RT: 10.67 min Scan# 751
Delta R.T. -0.25 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion:248 Resp: 17286

Ion	Ratio	Lower	Upper
248	100		
250	193.6	76.9	115.3#
141	403.3	68.2	102.4#

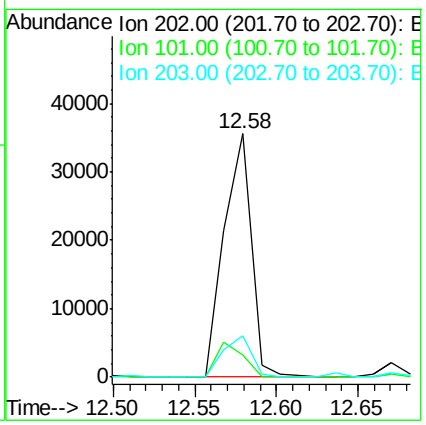


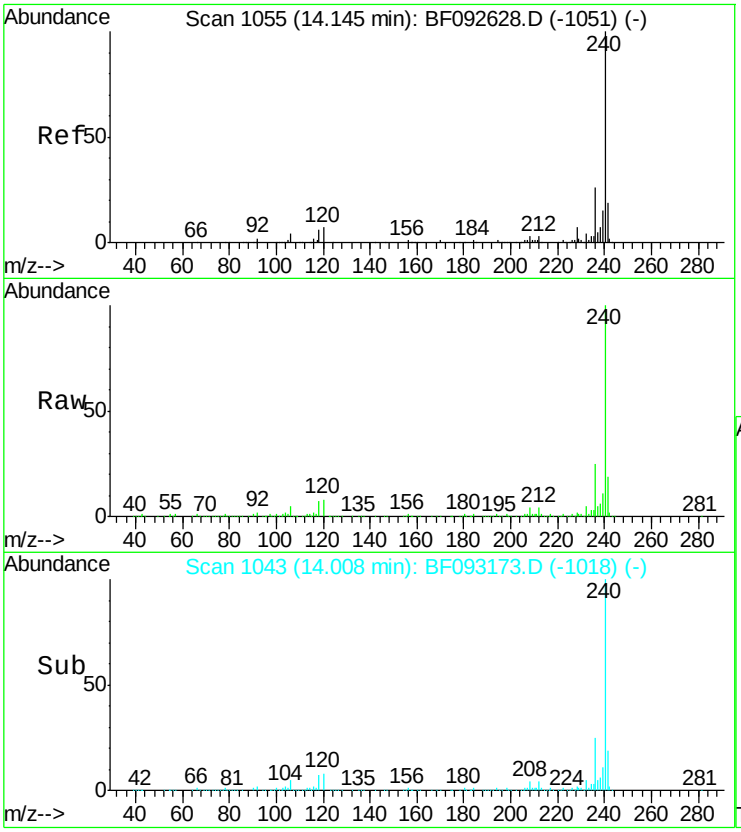


#74
Fluoranthene
Concen: 2.02 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion:202 Resp: 40686

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	34.6
203	16.9	0.0	38.7



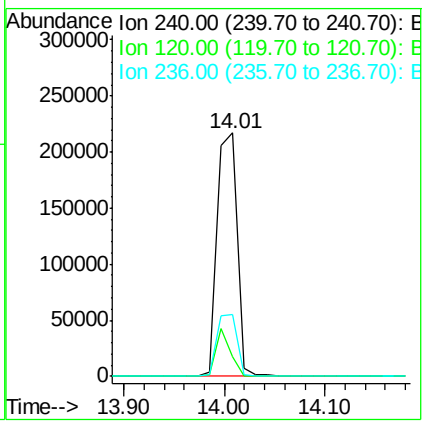


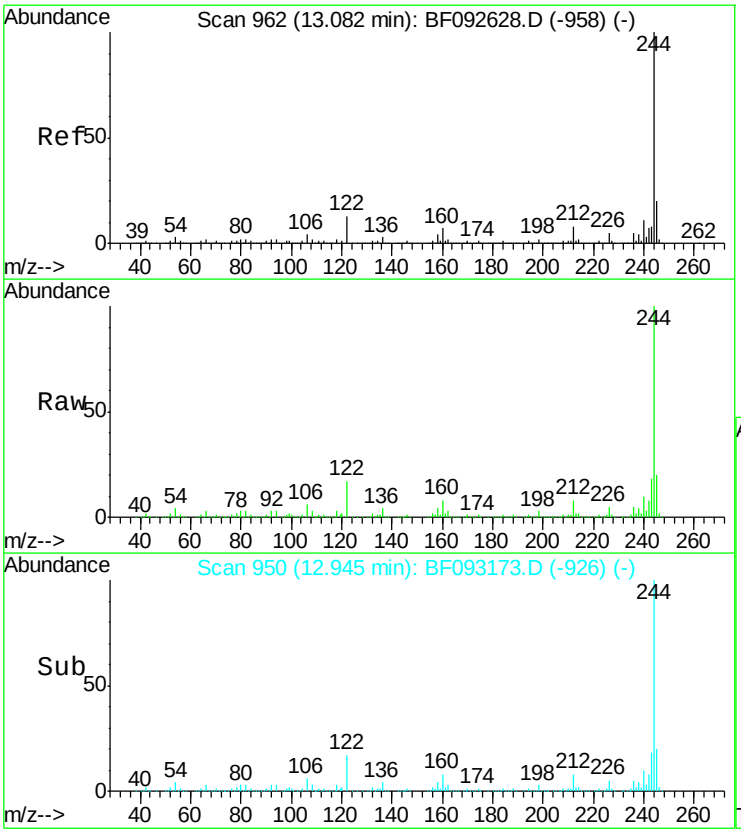
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion:240 Resp: 301368

Ion	Ratio	Lower	Upper
240	100		
120	7.9	12.9	19.3#
236	25.3	20.9	31.3

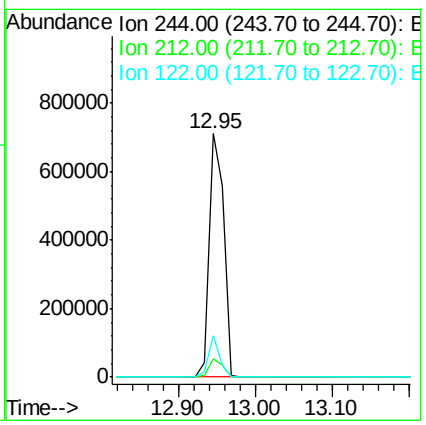


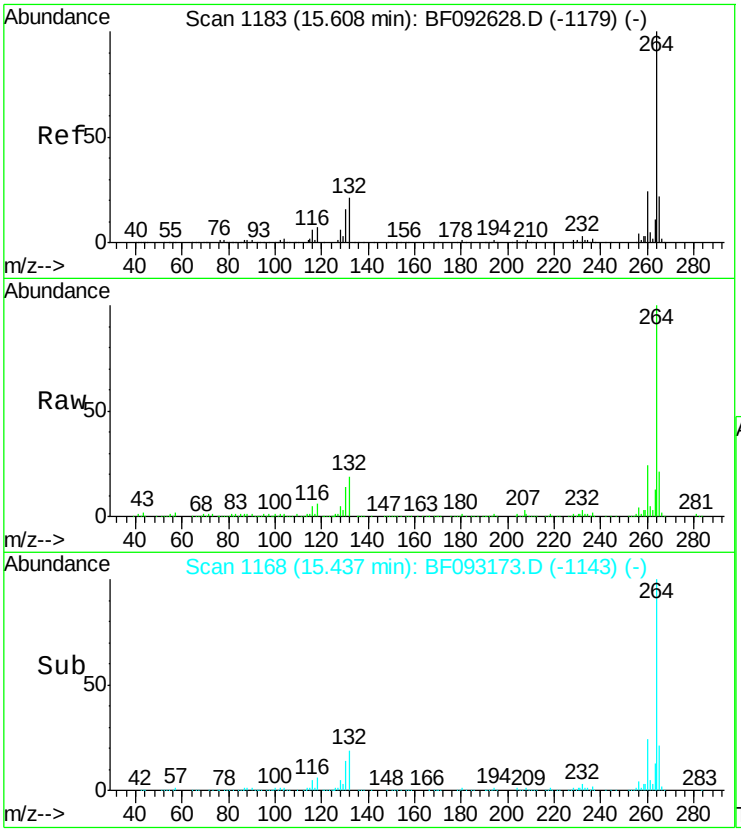


#78
Terphenyl-d14
Concen: 70.87 ng
RT: 12.95 min Scan# 950
Delta R.T. -0.02 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion:244 Resp: 908916

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	16.8	11.4	17.2



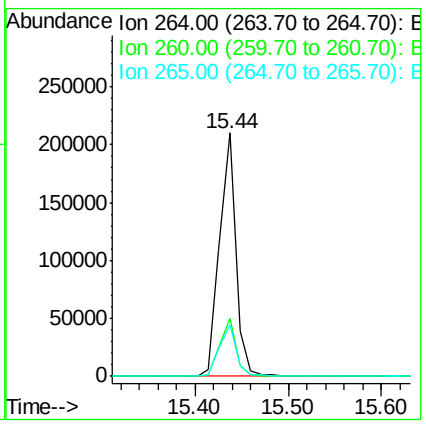


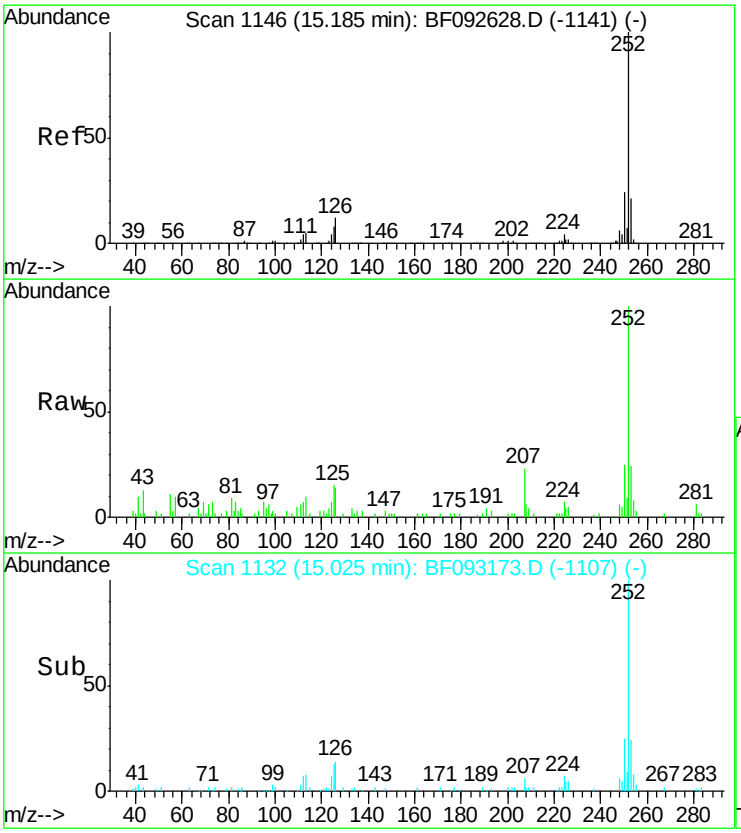
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion:264 Resp: 256212

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.2	17.4	26.0

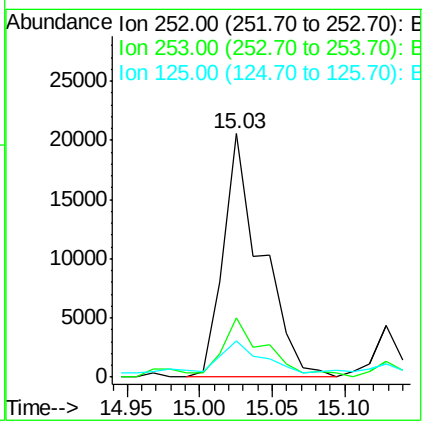


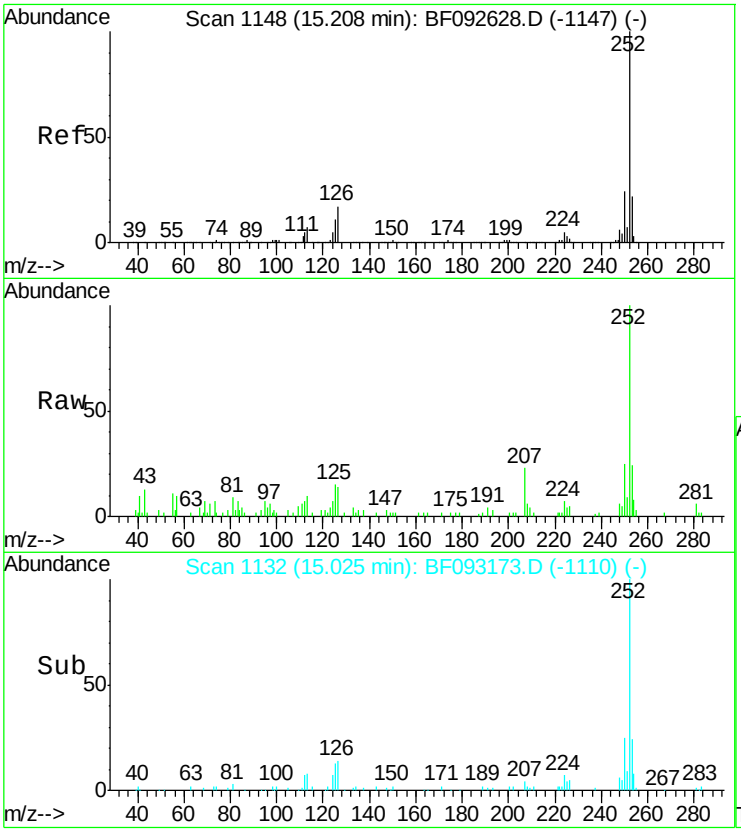


#87
Benzo(b)fluoranthene
Concen: 2.22 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Tgt Ion:252 Resp: 37447

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.2	27.4
125	15.0	9.8	14.6#





#88
Benzo(k)fluoranthene
Concen: 2.57 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093173.D
Acq: 25 Feb 2017 6:04

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-6

Tgt Ion:252 Resp: 37447

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	15.0	8.9	13.3#