Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
Data File : BF092340.D
Acq On : 18 Jan 2017 2:40
Operator : UM/SJ
Sample : I1162-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-09-COMP

Quant Time: Jan 18 03:18:56 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:11:54 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	175659	20.00	ng		0.00
21) Naphthalene-d8	7.84	136	694915	20.00	ng		0.00
38) Acenaphthene-d10	9.58	164	418174	20.00	ng		-0.01
63) Phenanthrene-d10	11.07	188	624734	20.00	ng		0.00
75) Chrysene-d12	13.69	240	390657	20.00	ng		-0.01
86) Perylene-d12	15.05	264	433807	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1313544	124.86	ng		0.01
7) Phenol-d6	6.22	99	1496110	116.48	ng		0.00
23) Nitrobenzene-d5	7.12	82	918180	73.47	ng		-0.01
41) 2,4,6-Tribromophenol	10.38	330	362616	104.78	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1237031	56.25	ng		0.00
78) Terphenyl-d14	12.65	244	956501	59.38	ng		0.00
Target Compounds							Qvalue
10) Phenol	6.23	94	78498	5.36	ng	#	70
19) n-Nitroso-di-n-propylamine	7.12	70	119939	14.04	ng	#	77
37) 2-Methylnaphthalene	8.56	142	596	Below Cal		#	58
49) Dimethylphthalate	9.32	163	253617	9.48	ng	#	99
56) 2,4-Dinitrotoluene	9.58	165	53851	7.33	ng	#	20
66) 4-Bromophenyl-phenylether	10.38	248	21639	3.33	ng	#	1
71) Anthracene	11.15	178	6325	Below Cal			97
73) Di-n-butylphthalate	11.64	149	8284	Below Cal		#	96
74) Fluoranthene	12.27	202	46712	Below Cal			99
87) Benzo(b)fluoranthene	14.69	252	60242	2.23	ng		97
88) Benzo(k)fluoranthene	14.69	252	60242	2.62	ng		96

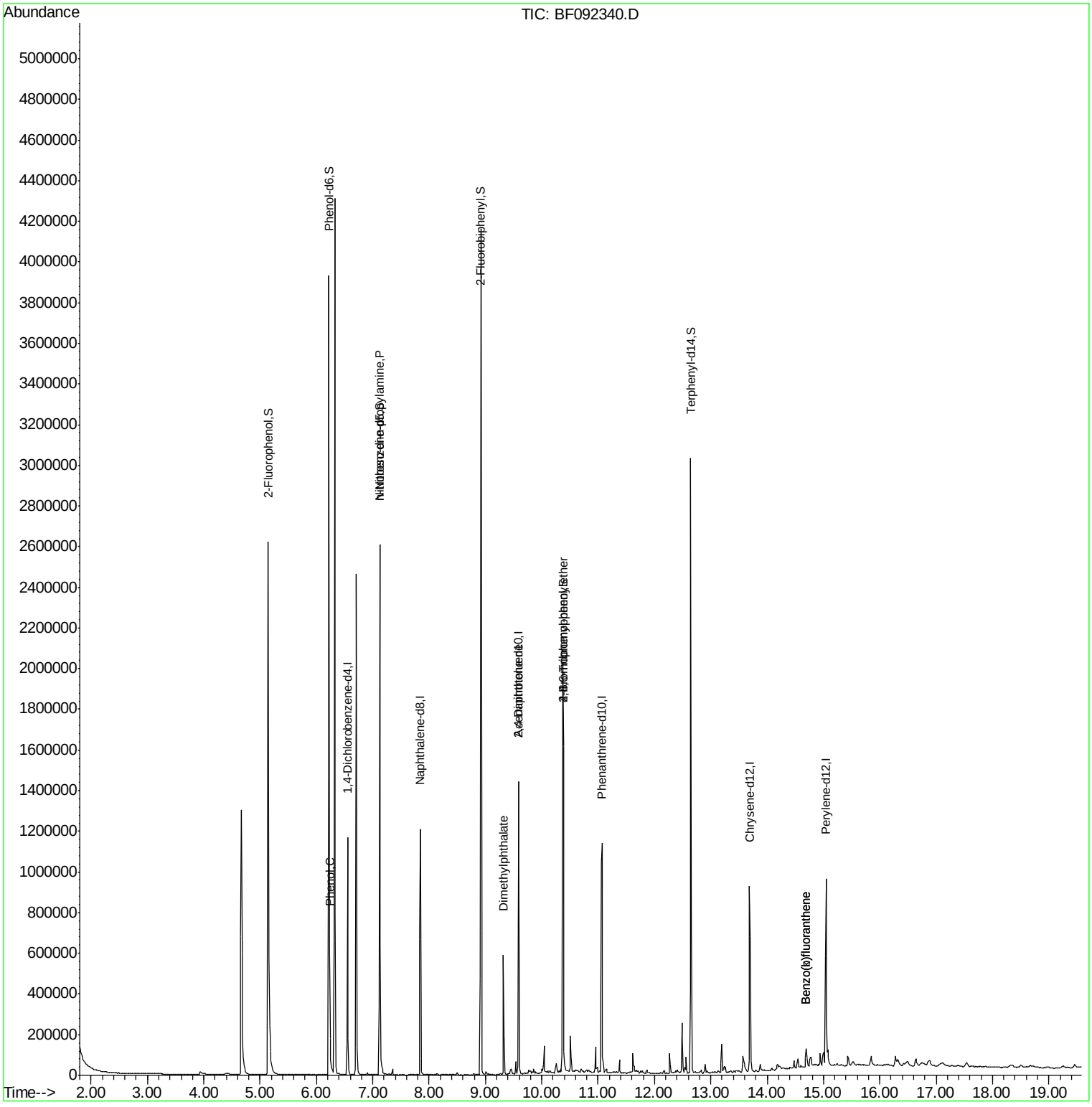
(#) = qualifier out of range (m) = manual integration (+) = signals summed

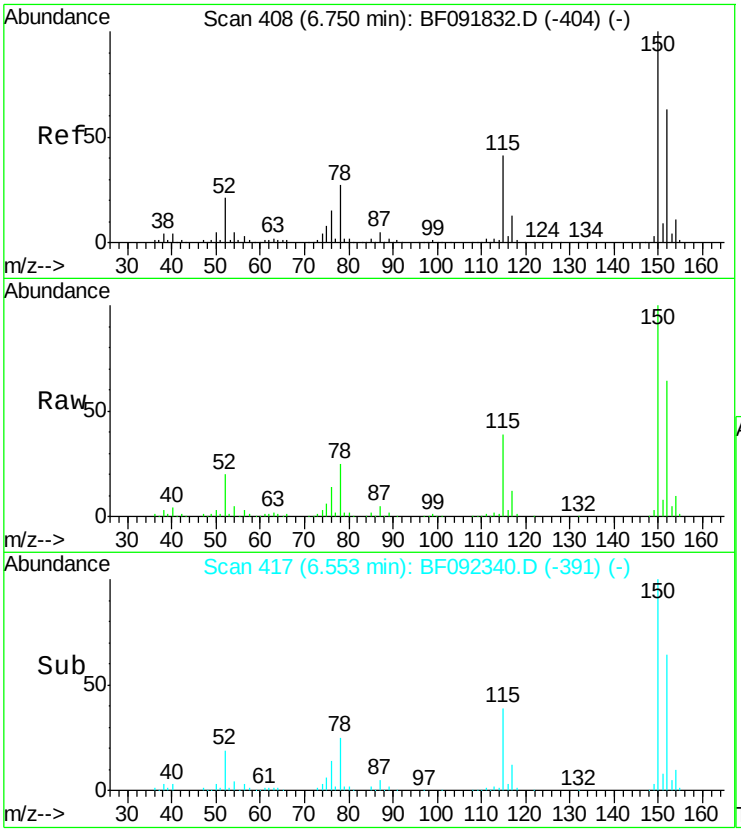
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011717\
Data File : BF092340.D
Acq On : 18 Jan 2017 2:40
Operator : UM/SJ
Sample : I1162-16
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Quant Time: Jan 18 03:18:56 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 18 00:11:54 2017
Response via : Initial Calibration



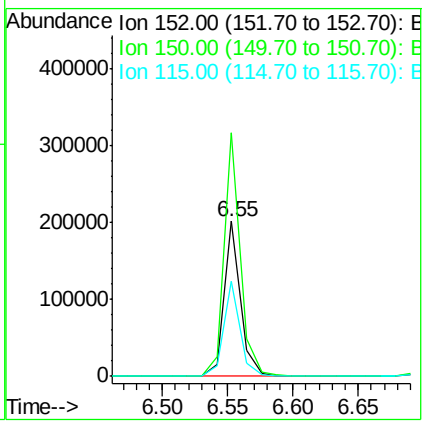


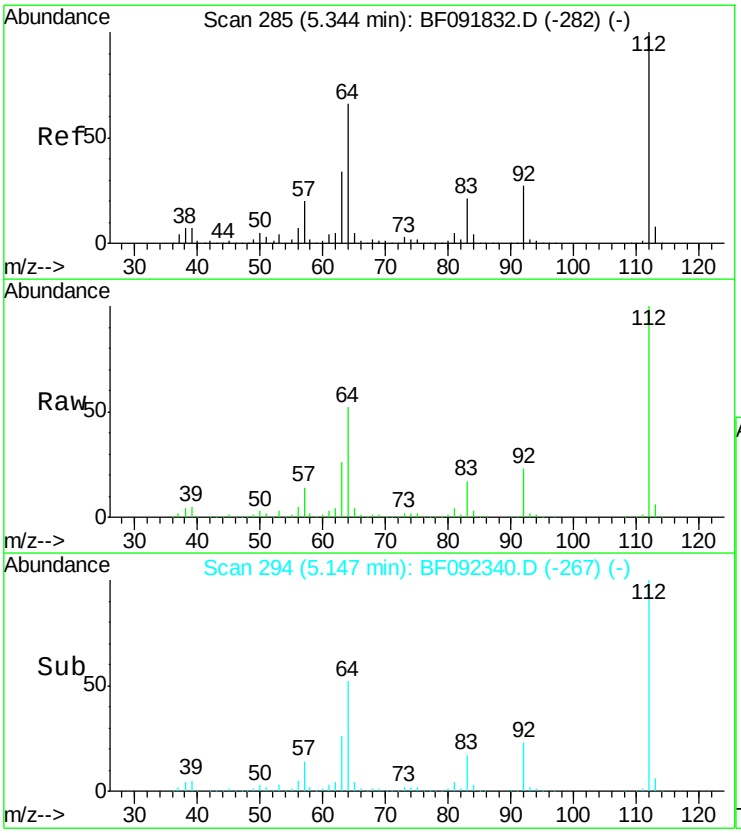
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:152 Resp: 175659

Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.9	187.3
115	61.2	46.0	69.0

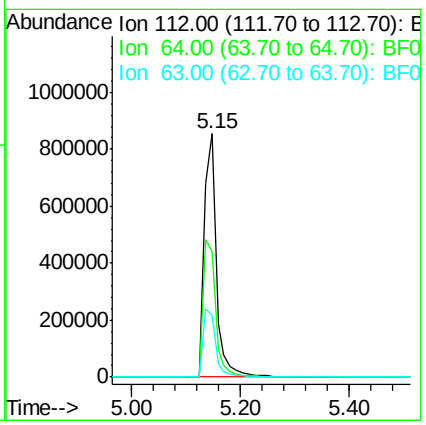


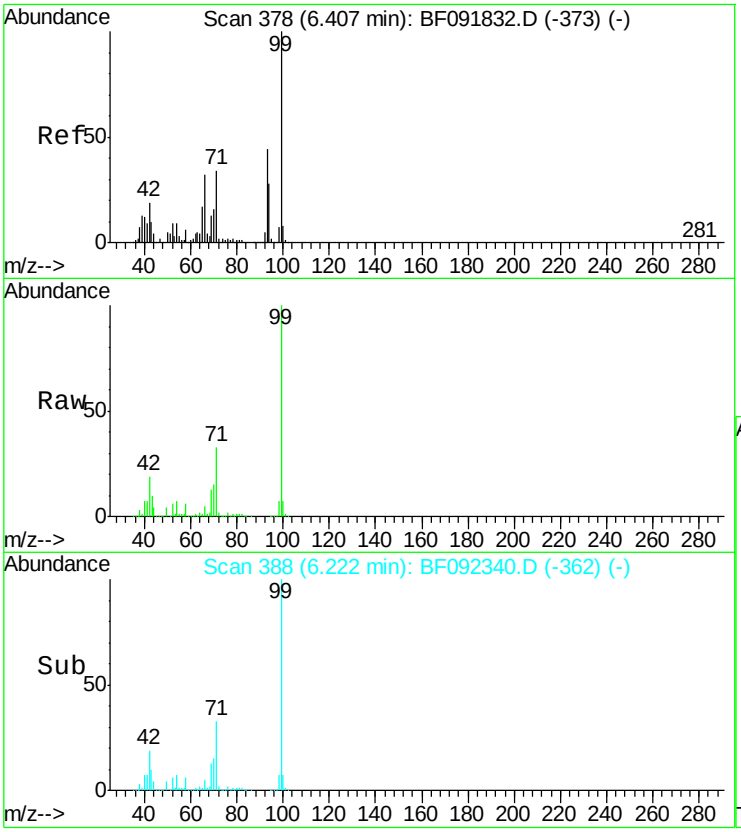


#5
2-Fluorophenol
Concen: 124.86 ng
RT: 5.15 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:112 Resp: 1313544

Ion	Ratio	Lower	Upper
112	100		
64	51.5	46.1	69.1
63	25.7	23.8	35.6



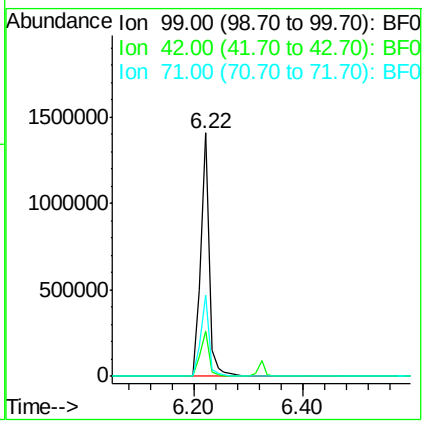


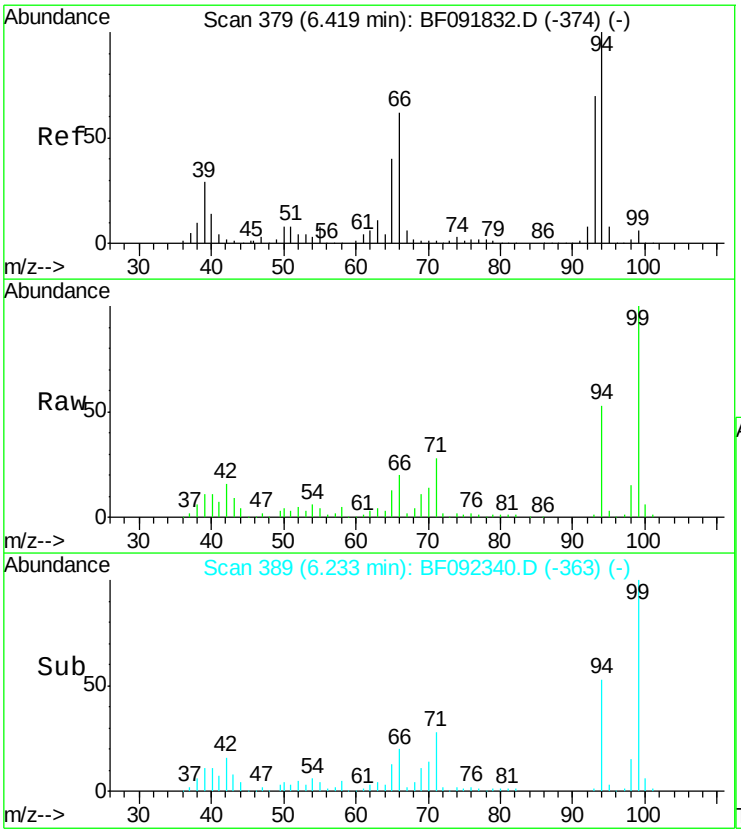
#7
Phenol-d6
Concen: 116.48 ng
RT: 6.22 min Scan# 388
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion: 99 Resp: 1496110

Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.6	23.4
71	33.3	27.5	41.3

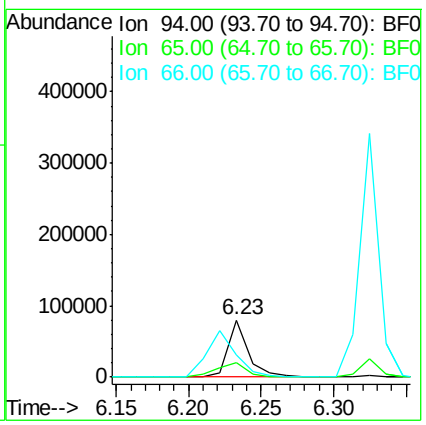


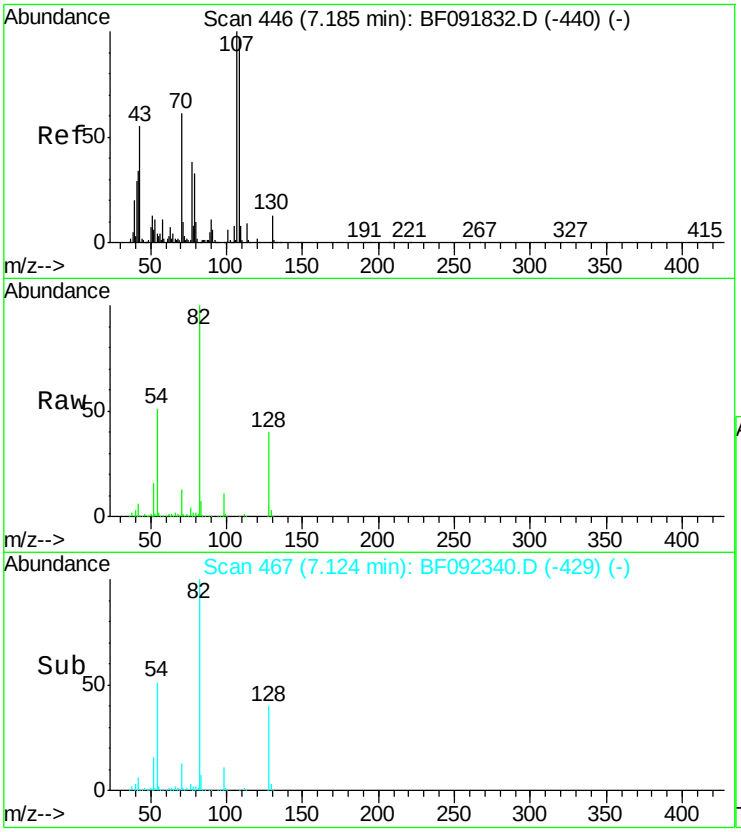


#10
Phenol
Concen: 5.36 ng
RT: 6.23 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion: 94 Resp: 78498

Ion	Ratio	Lower	Upper
94	100		
65	25.5	21.4	61.4
66	38.0	44.0	84.0#



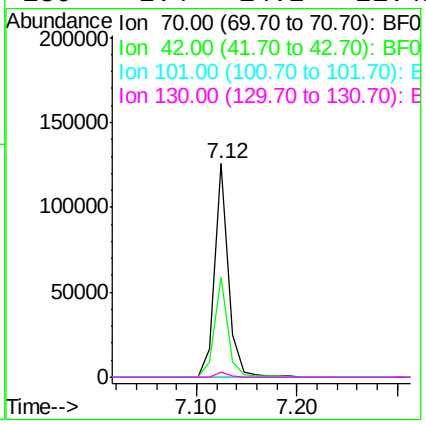


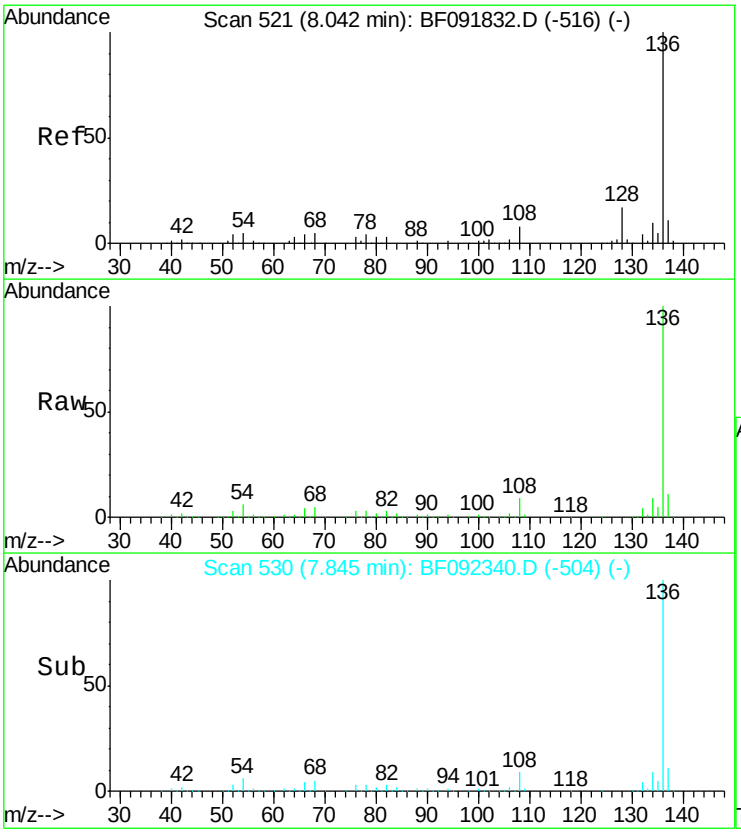
#19
n-Nitroso-di-n-propylamine
Concen: 14.04 ng
RT: 7.12 min Scan# 467
Delta R.T. 0.14 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion: 70 Resp: 119939

Ion	Ratio	Lower	Upper
70	100		
42	46.9	49.4	74.0#
101	0.0	7.4	11.2#
130	2.4	14.2	21.4#

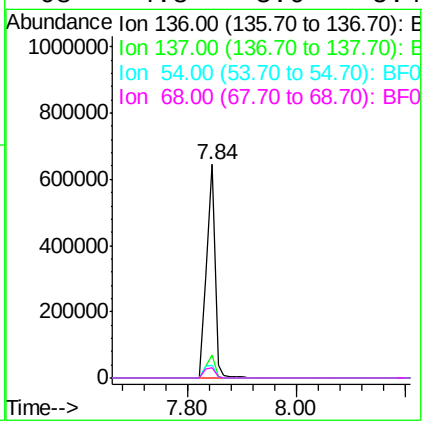


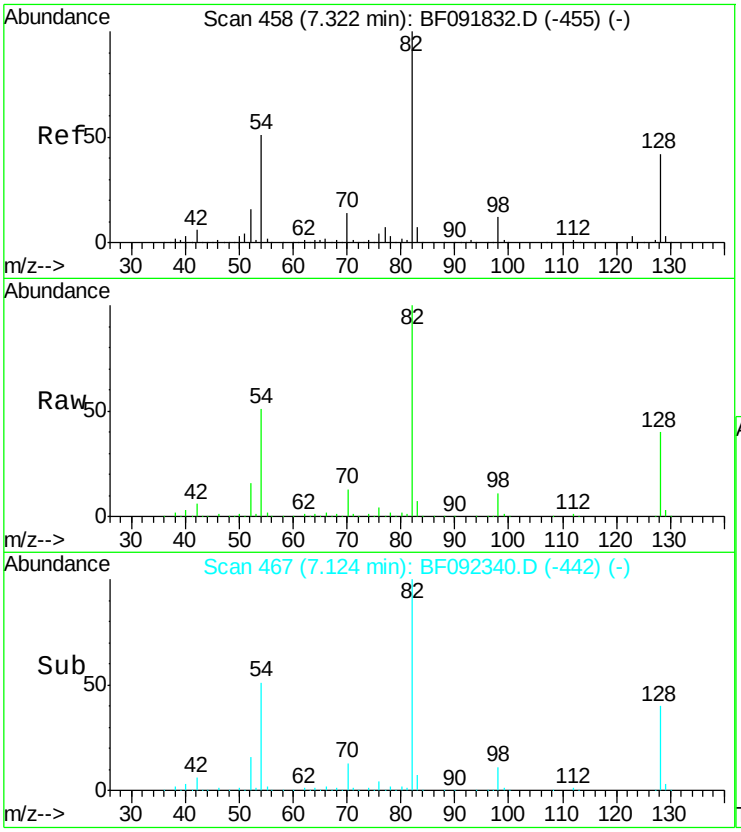


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:136 Resp: 694915

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	6.0	4.5	6.7
68	4.8	3.6	5.4



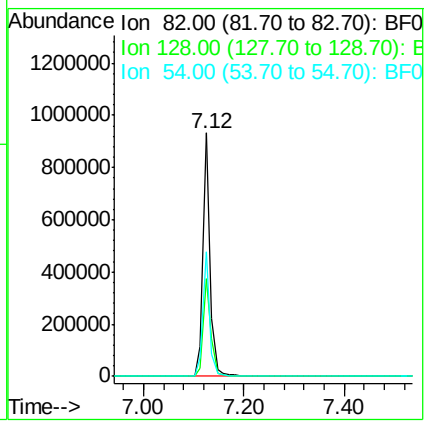


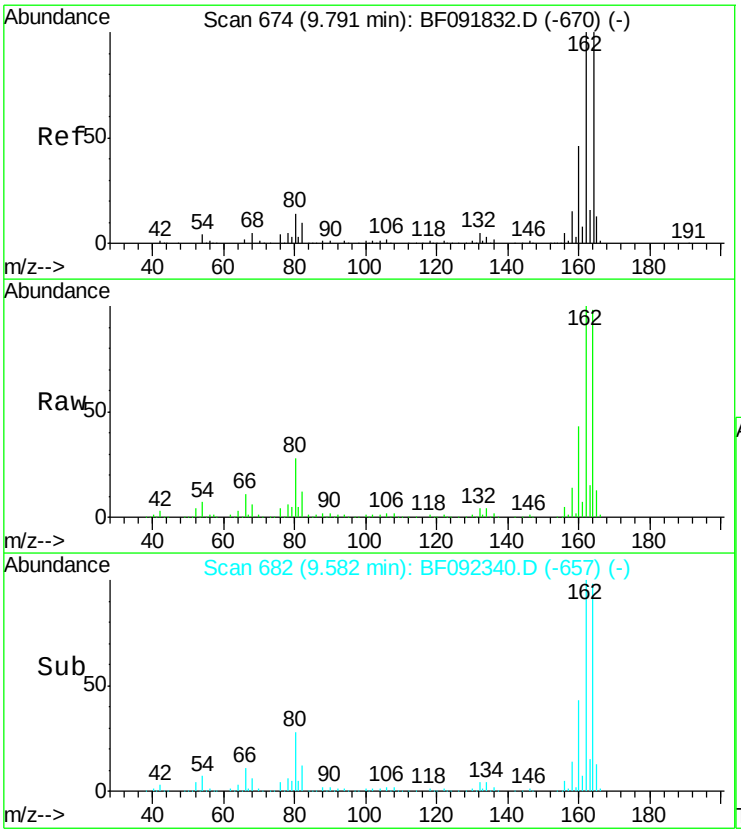
#23
Nitrobenzene-d5
Concen: 73.47 ng
RT: 7.12 min Scan# 467
Delta R.T. -0.01 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion: 82 Resp: 918180

Ion	Ratio	Lower	Upper
82	100		
128	40.0	34.6	52.0
54	50.9	39.5	59.3

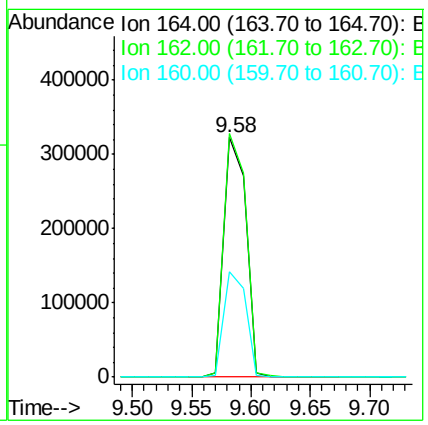


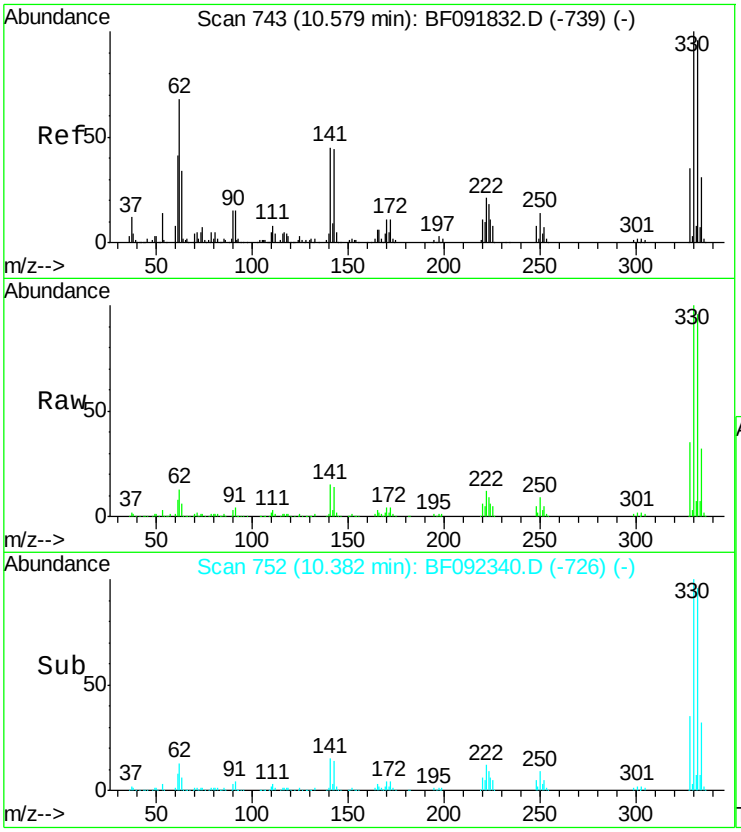


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:164 Resp: 418174

Ion	Ratio	Lower	Upper
164	100		
162	101.7	80.2	120.2
160	43.8	36.9	55.3



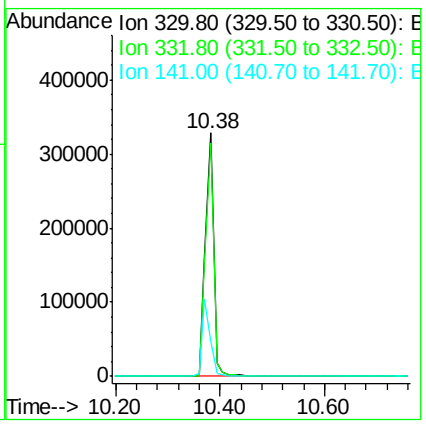


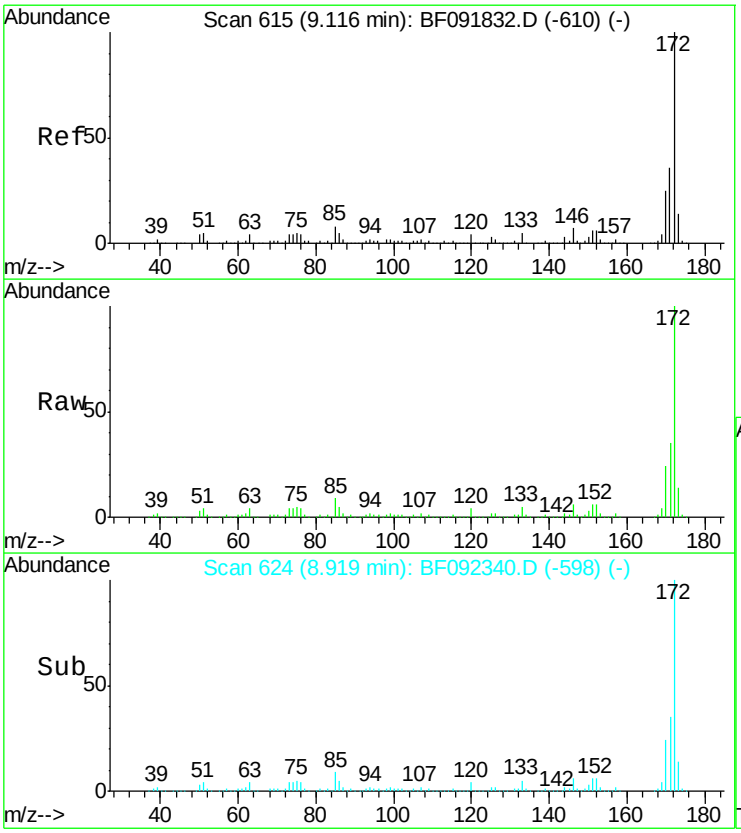
#41
2,4,6-Tribromophenol
Concen: 104.78 ng
RT: 10.38 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:330 Resp: 362616

Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.4	116.2
141	31.2	34.1	51.1#

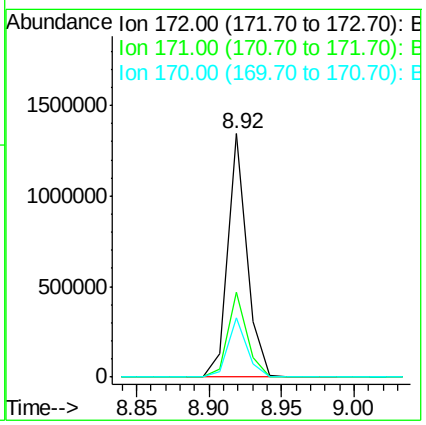


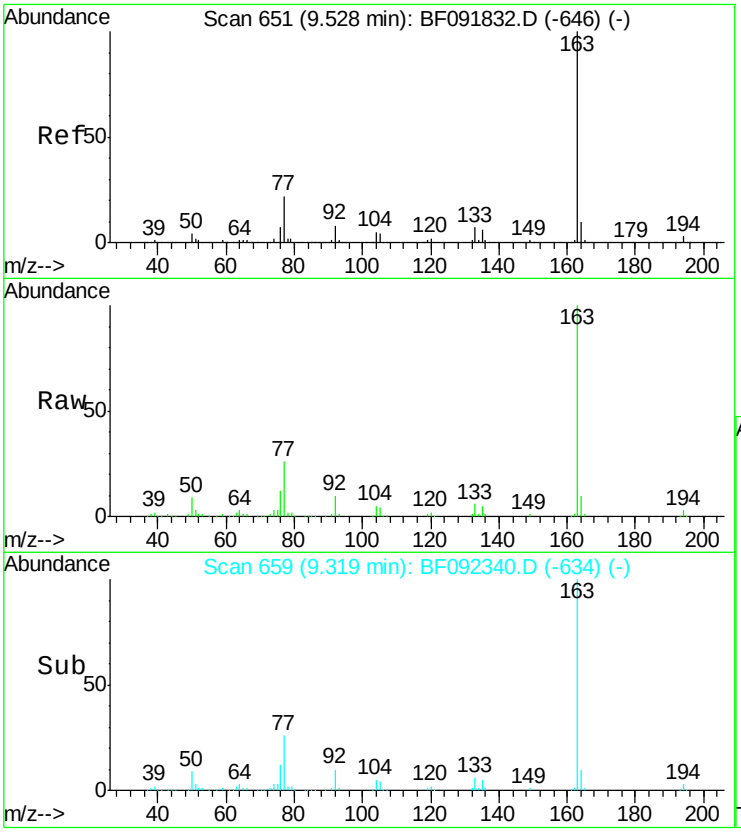


#44
2-Fluorobiphenyl
Concen: 56.25 ng
RT: 8.92 min Scan# 624
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:172 Resp: 1237031

Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.4	44.0
170	24.2	20.2	30.4



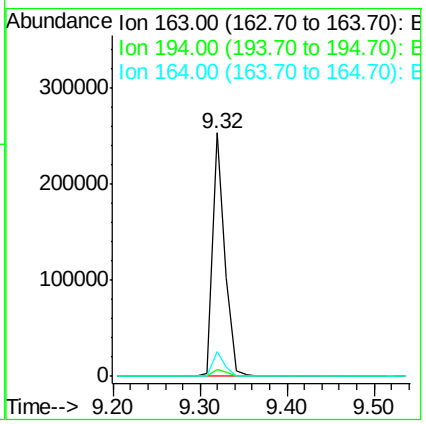


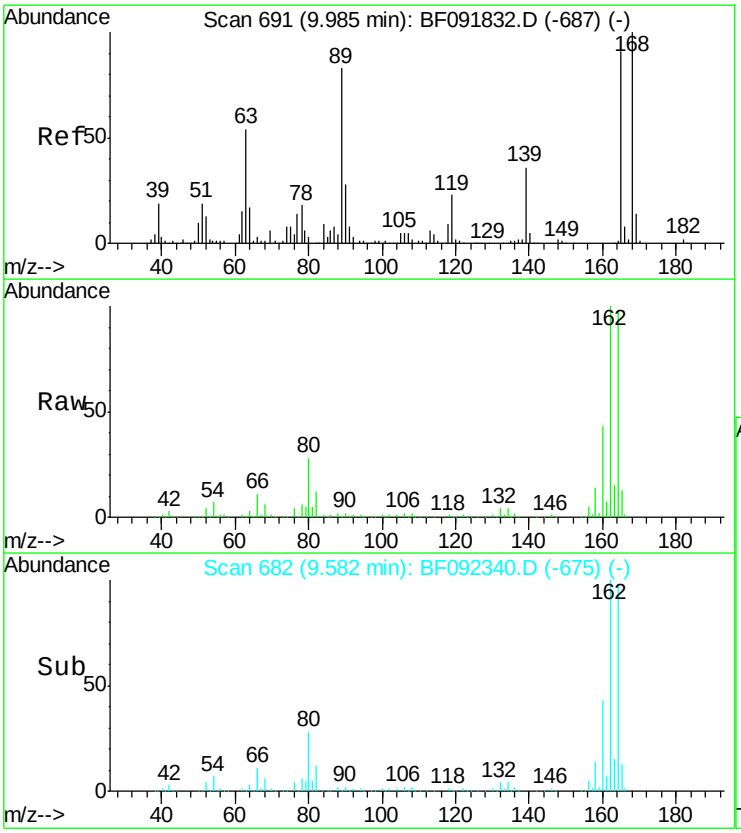
#49
Dimethylphthalate
Concen: 9.48 ng
RT: 9.32 min Scan# 659
Delta R.T. -0.01 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:163 Resp: 253617

Ion	Ratio	Lower	Upper
163	100		
194	2.9	3.0	4.4#
164	10.4	8.0	12.0

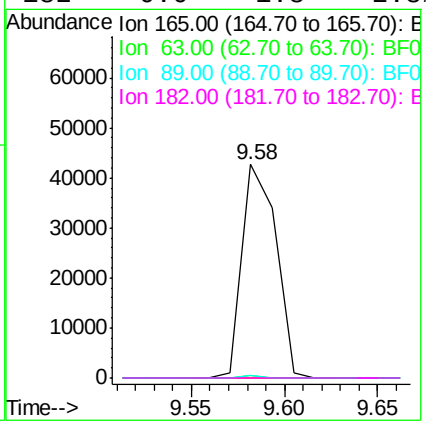


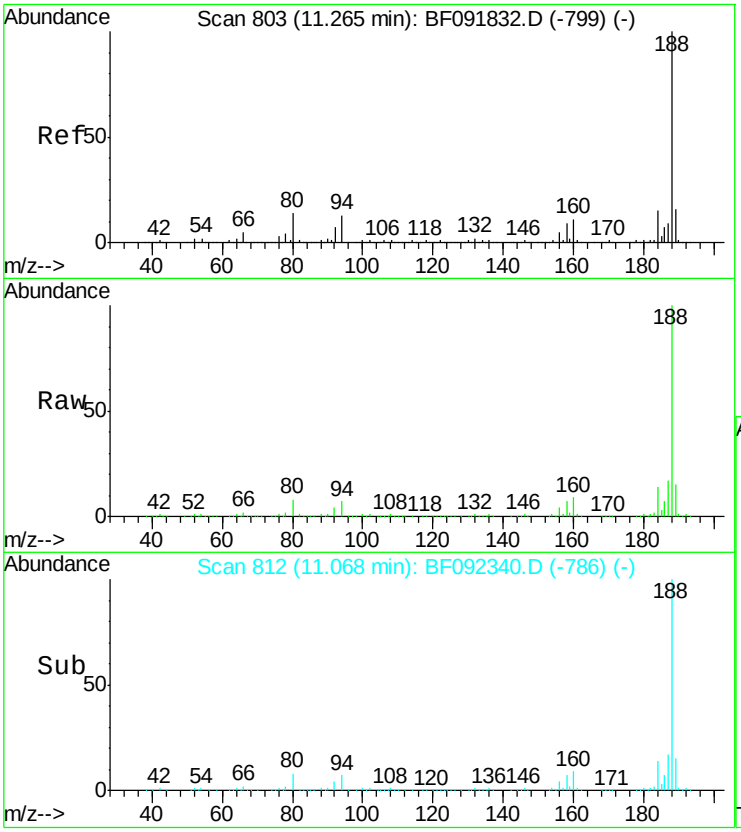


#56
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.22 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:165 Resp: 53851

Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#



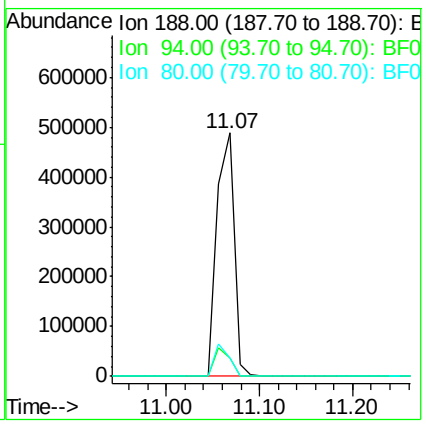


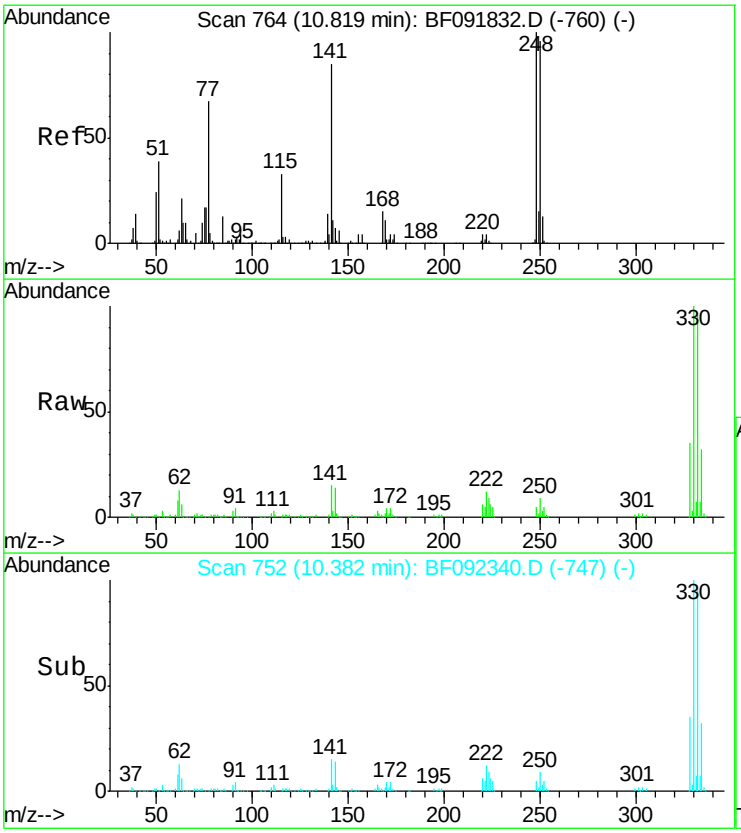
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:188 Resp: 624734

Ion	Ratio	Lower	Upper
188	100		
94	7.4	10.0	15.0#
80	7.7	11.2	16.8#

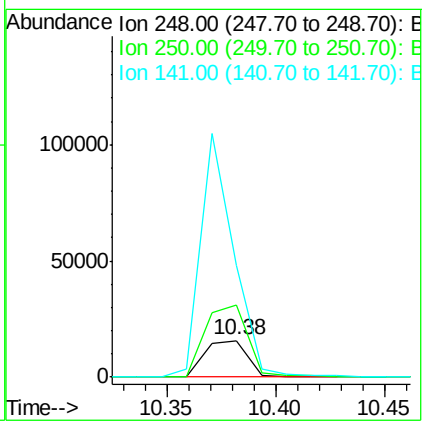


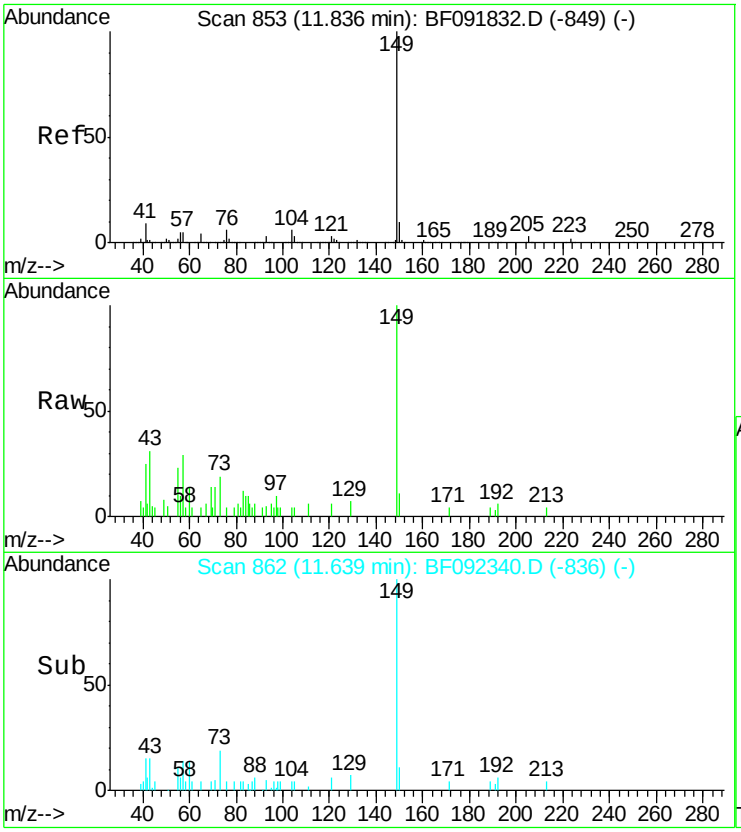


#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.38 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:248 Resp: 21639

Ion	Ratio	Lower	Upper
248	100		
250	196.5	76.9	115.3#
141	302.8	68.2	102.4#



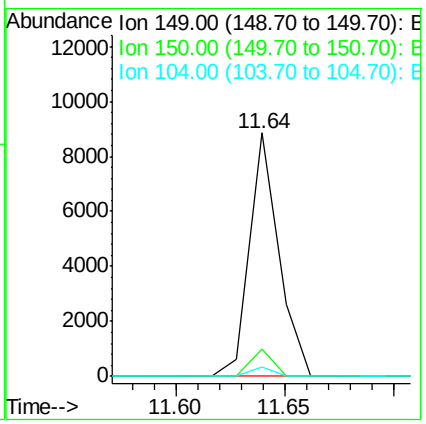


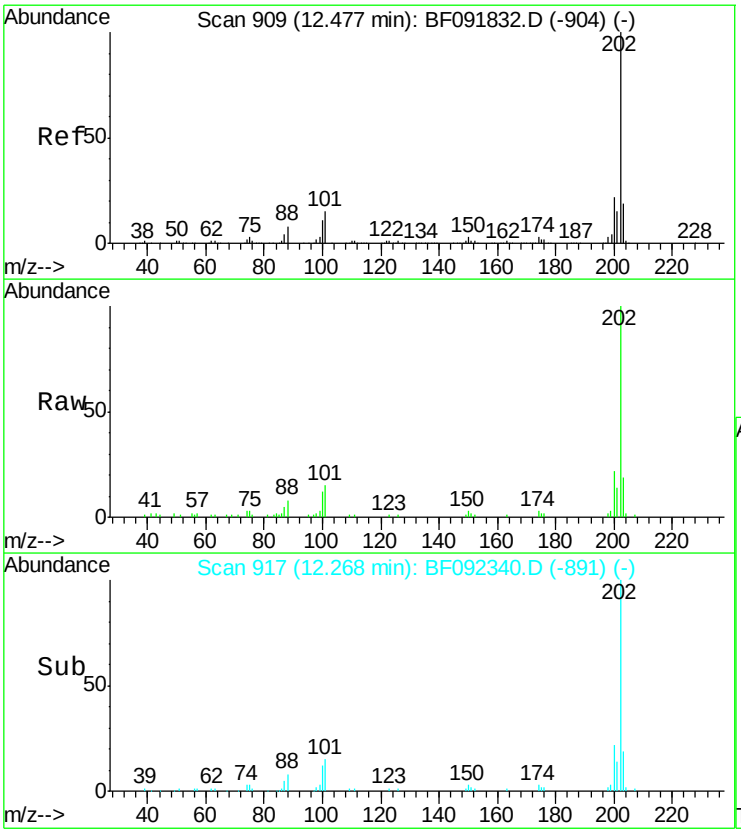
#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.64 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:149 Resp: 8284

Ion	Ratio	Lower	Upper
149	100		
150	11.1	8.1	12.1
104	3.8	4.6	7.0#

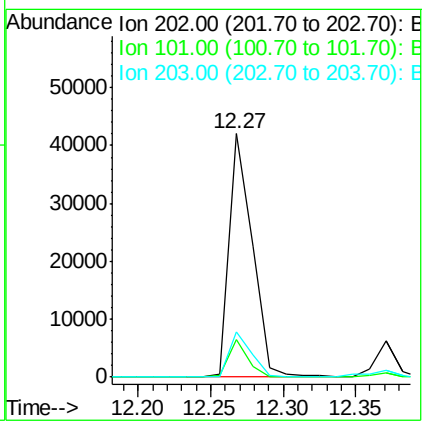


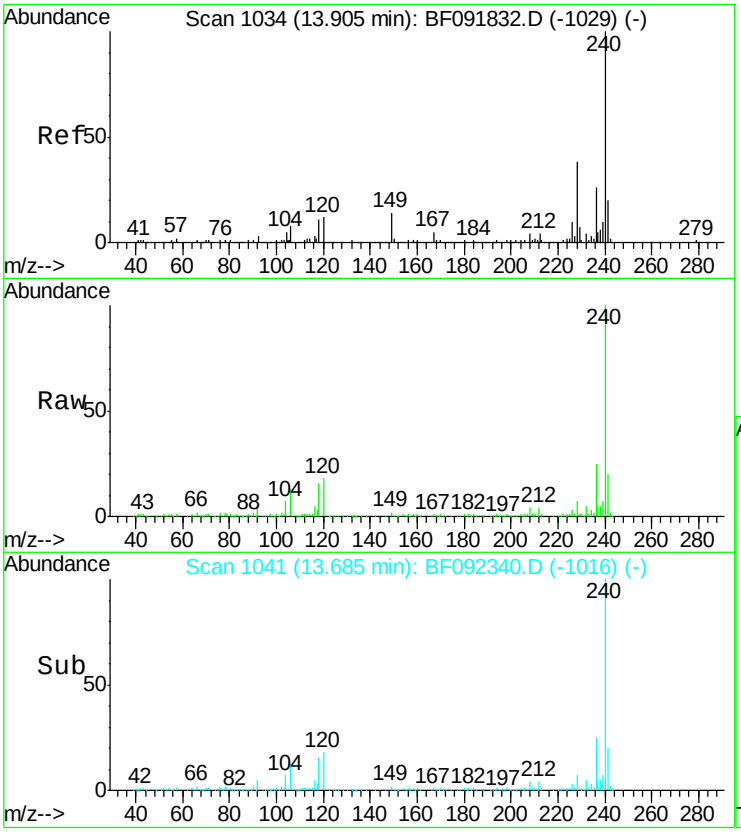


#74
Fluoranthene
Concen: Below Cal
RT: 12.27 min Scan# 917
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:202 Resp: 46712

Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	34.6
203	18.5	0.0	38.7



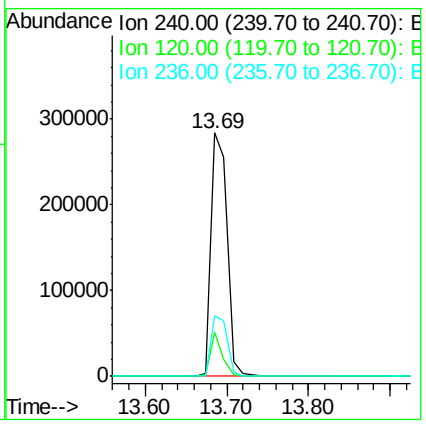


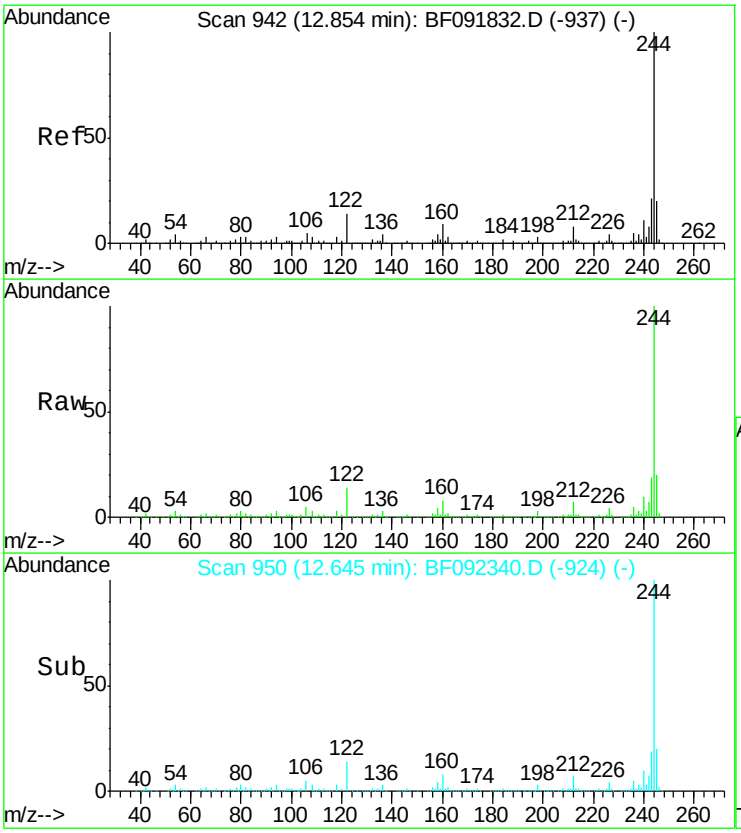
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:240 Resp: 390657

Ion	Ratio	Lower	Upper
240	100		
120	18.2	12.9	19.3
236	25.0	20.9	31.3

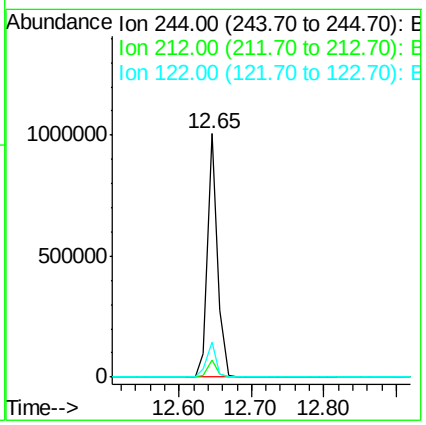


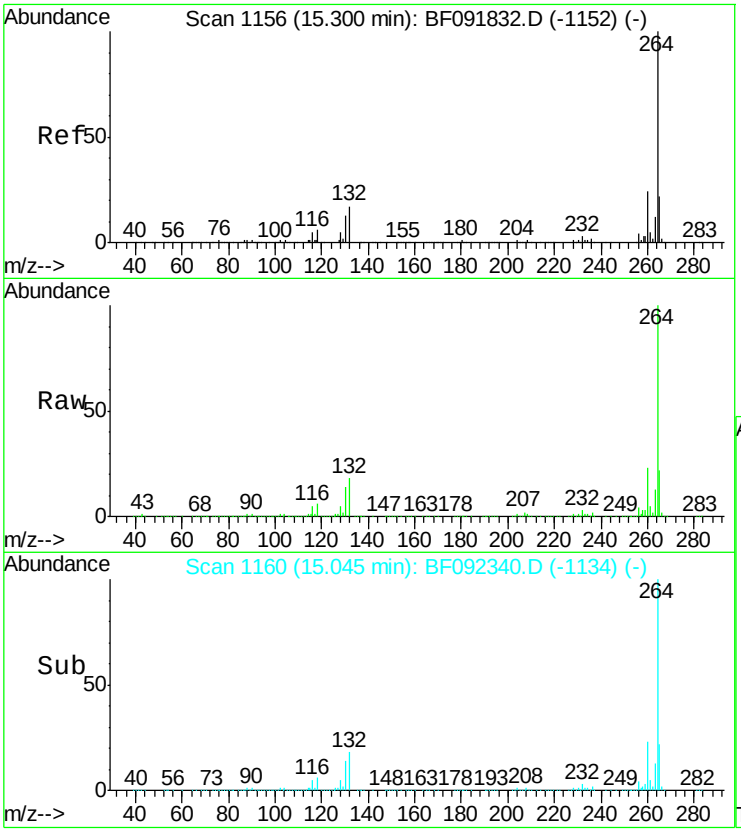


#78
Terphenyl-d14
Concen: 59.38 ng
RT: 12.65 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:244 Resp: 956501

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	14.2	11.4	17.2



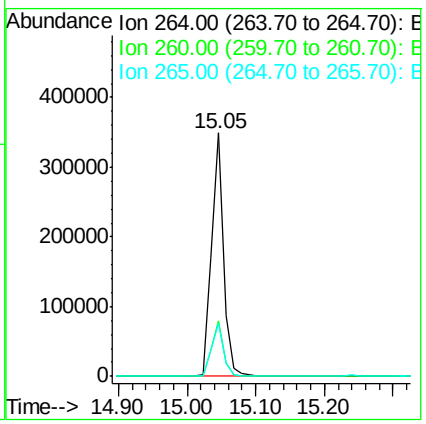


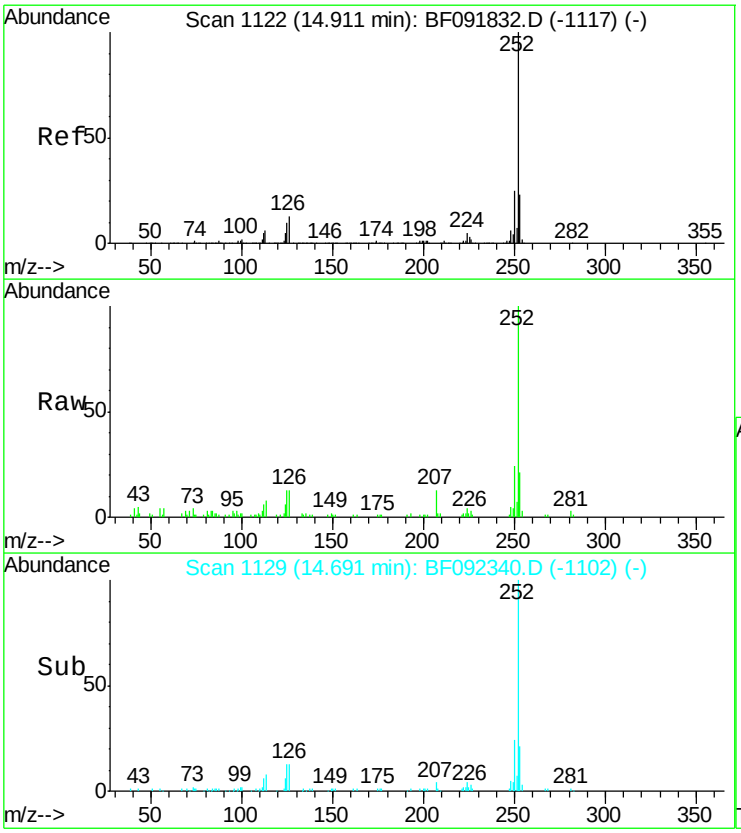
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:264 Resp: 433807

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	17.4	26.0

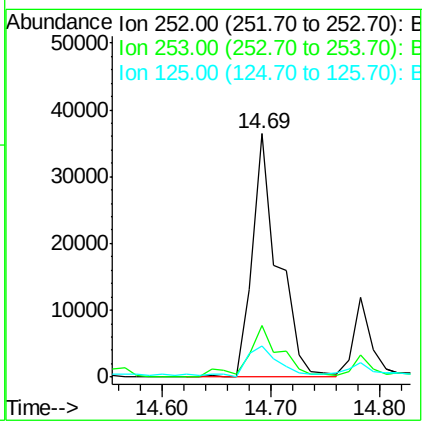


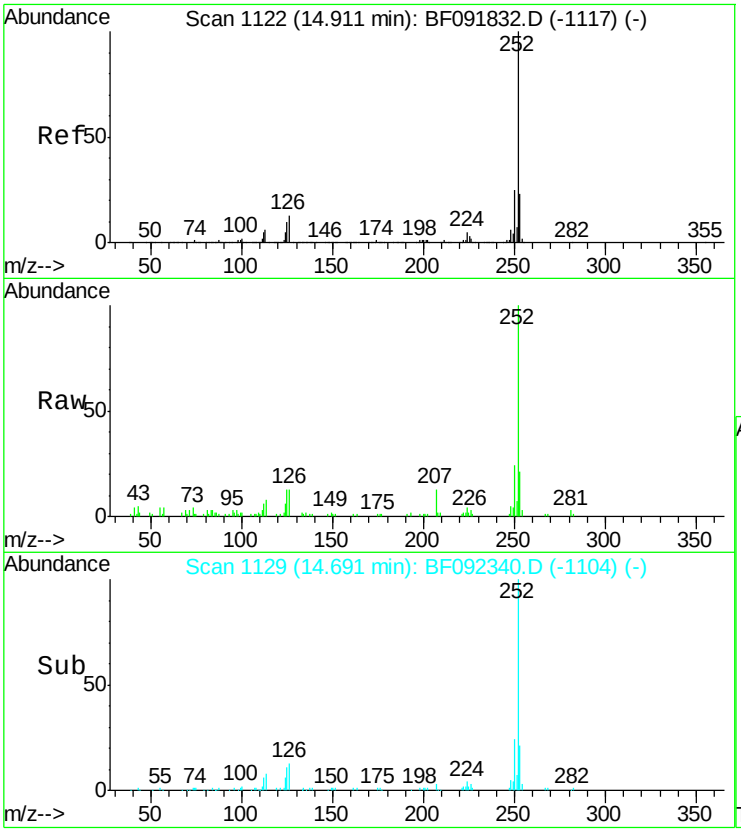


#87
Benzo(b)fluoranthene
Concen: 2.23 ng
RT: 14.69 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Tgt Ion:252 Resp: 60242

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.2	27.4
125	12.6	9.8	14.6





#88
Benzo(k)fluoranthene
Concen: 2.62 ng
RT: 14.69 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BF092340.D
Acq: 18 Jan 2017 2:40

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:252 Resp: 60242

Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.5	27.7
125	12.6	8.9	13.3