Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093202.D
Acq On : 27 Feb 2017 12:10
Operator : SJ/MA
Sample : I1973-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-B1-B2-BASE-7

Quant Time: Feb 27 12:32:45 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	161025	20.00	ng		-0.02
21) Naphthalene-d8	8.12	136	668993	20.00	ng		-0.02
38) Acenaphthene-d10	9.88	164	309638	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	546104	20.00	ng		-0.01
75) Chrysene-d12	14.00	240	417351	20.00	ng		-0.02
86) Perylene-d12	15.43	264	298091	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	951279	101.35	ng		-0.02
7) Phenol-d6	6.48	99	1238494	102.55	ng		-0.01
23) Nitrobenzene-d5	7.40	82	900098	74.92	ng		-0.02
41) 2,4,6-Tribromophenol	10.68	330	256200	114.40	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1364846	79.86	ng		-0.01
78) Terphenyl-d14	12.96	244	1061728	59.77	ng		-0.01
Target Compounds							Qvalue
9) Benzaldehyde	6.60	77	23370	2.70	ng		85
10) Phenol	6.49	94	120246	8.51	ng	#	72
19) n-Nitroso-di-n-propylamine	7.40	70	119280	15.52	ng	#	79
49) Dimethylphthalate	9.61	163	366404	17.57	ng		99
56) 2,4-Dinitrotoluene	9.88	165	38691	6.45	ng	#	20
64) 4,6-Dinitro-2-methylphenol	10.67	198	650	2.85	ng	#	1
66) 4-Bromophenyl-phenylether	10.68	248	18039	3.16	ng	#	1
74) Fluoranthene	12.58	202	100259	3.11	ng		95
77) Pyrene	12.81	202	93662	3.00	ng		97
82) Chrysene	14.00	228	48421	2.03	ng		97
87) Benzo(b)fluoranthene	15.03	252	57630	2.94	ng	#	97
88) Benzo(k)fluoranthene	15.03	252	57630	3.40	ng	#	96

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

Quantitation Report (Not Reviewed)

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

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QLast Update : Fri Feb 17 17:31:55 2017
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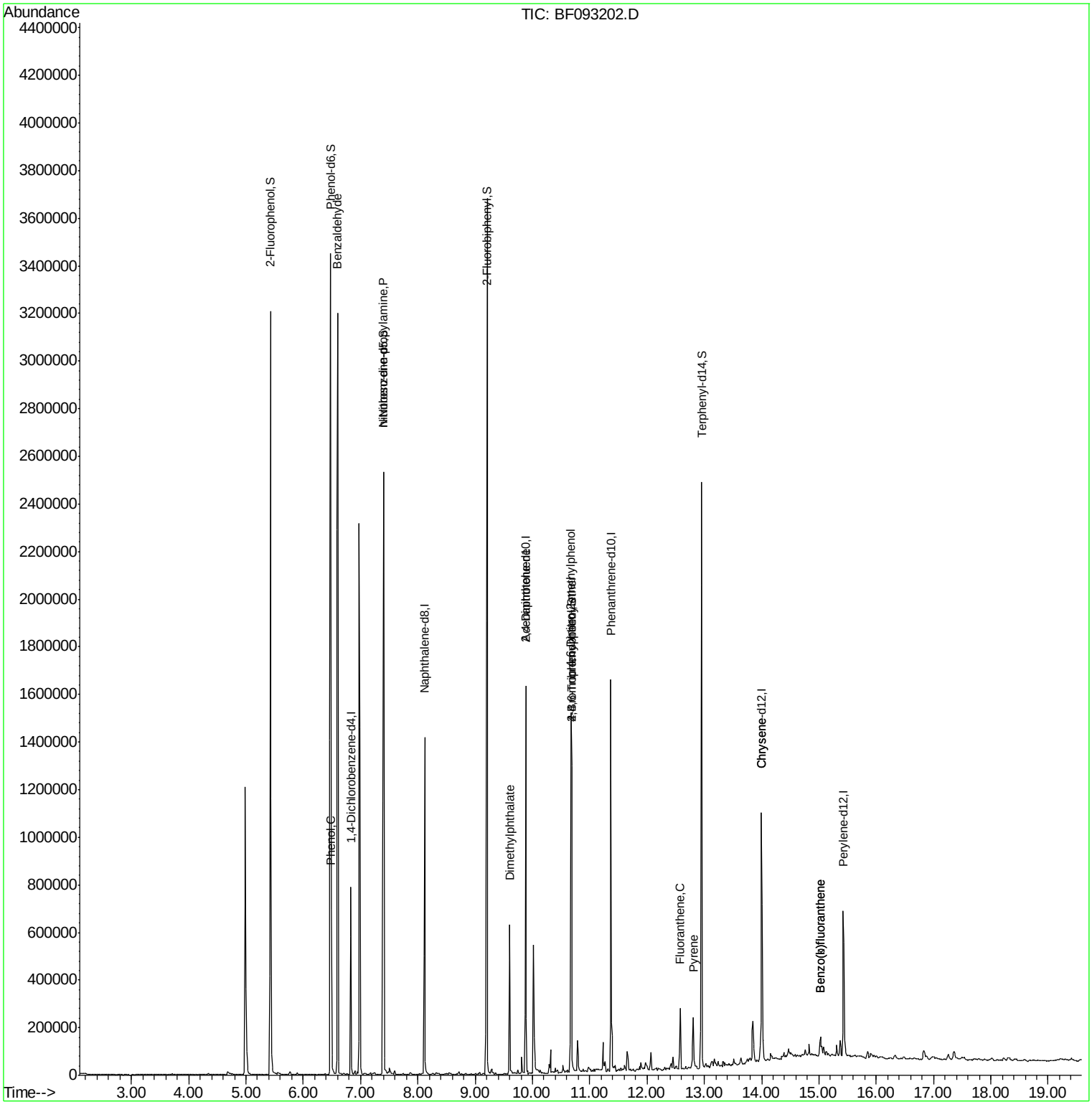
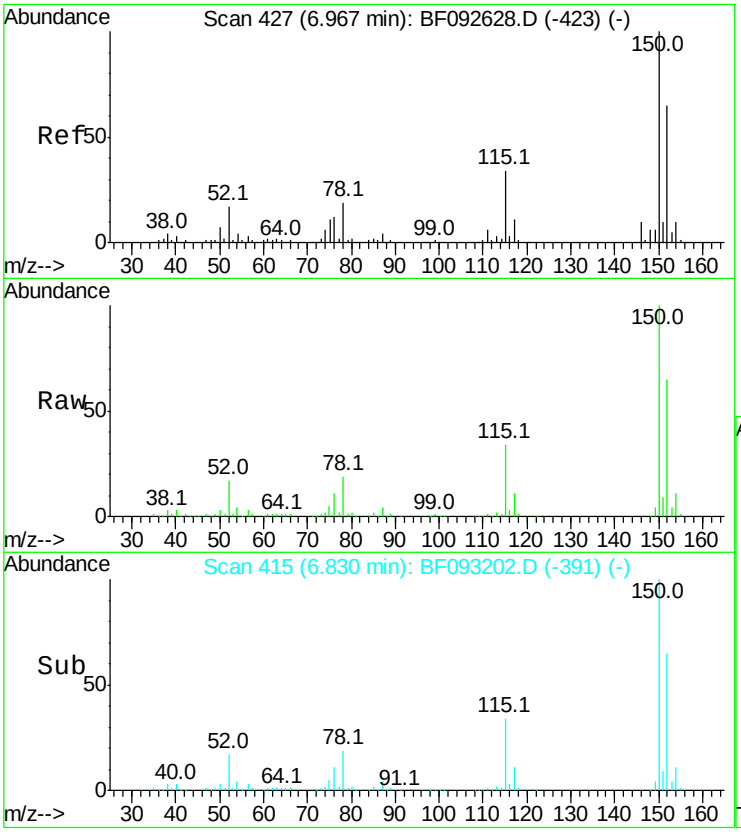


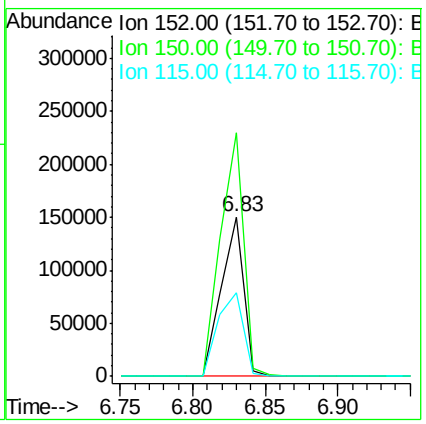


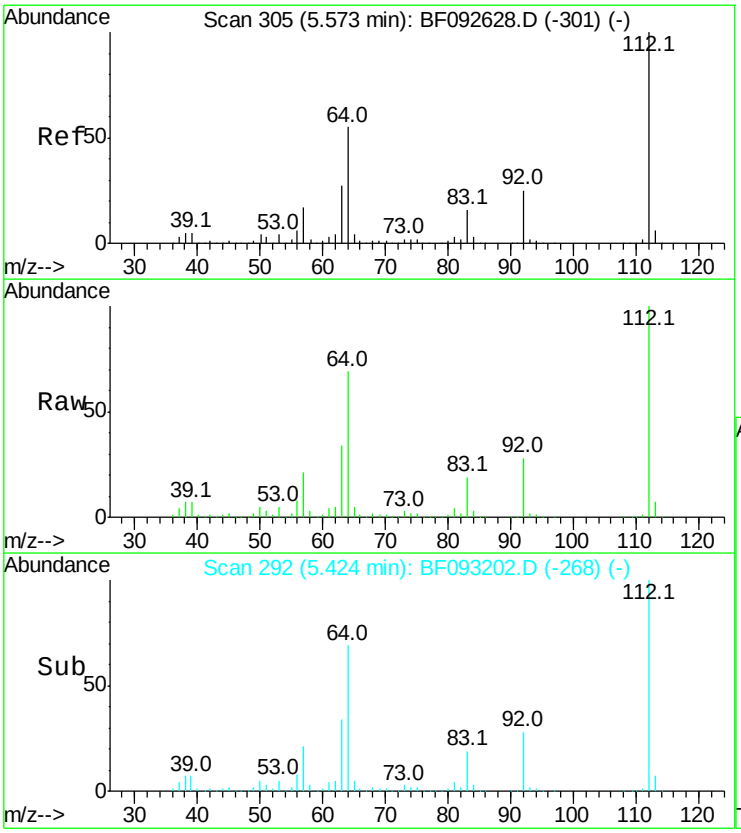
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.02 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion:152 Resp: 161025

Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.9	187.3
115	52.5	46.0	69.0

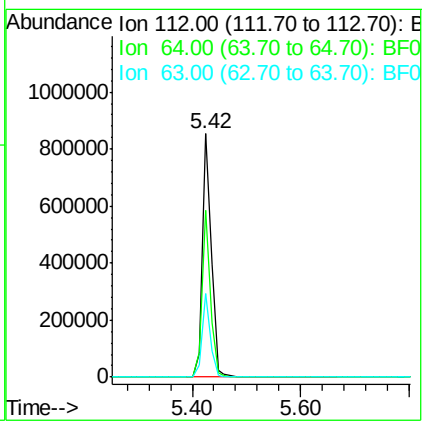


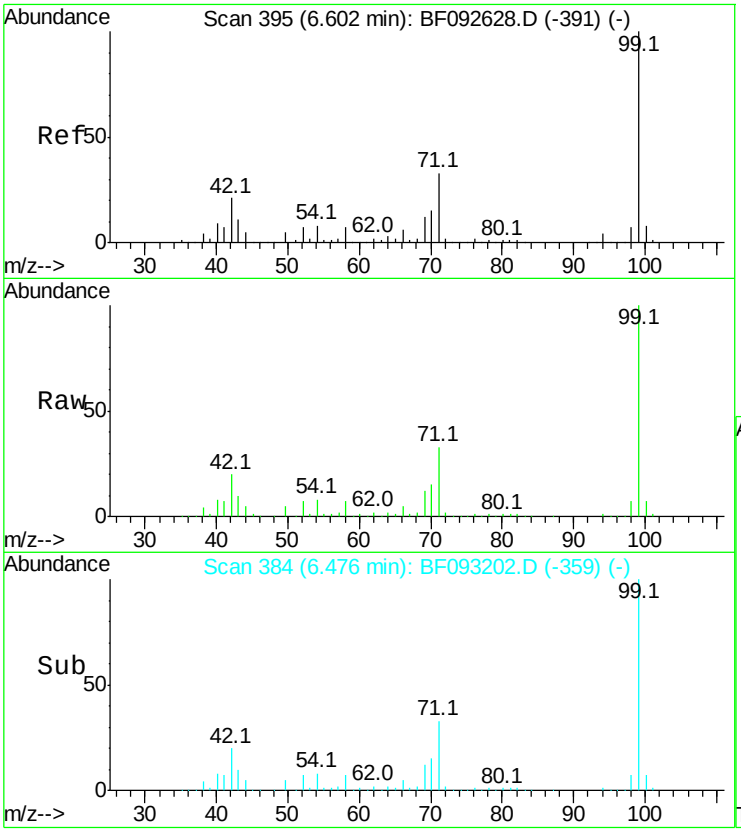


#5
2-Fluorophenol
Concen: 101.35 ng
RT: 5.42 min Scan# 292
Delta R.T. -0.02 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion:112 Resp: 951279

Ion	Ratio	Lower	Upper
112	100		
64	68.6	46.1	69.1
63	34.2	23.8	35.6



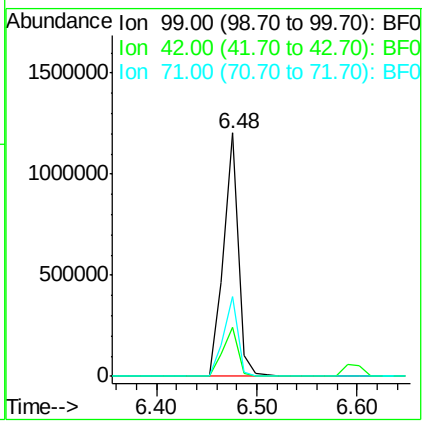


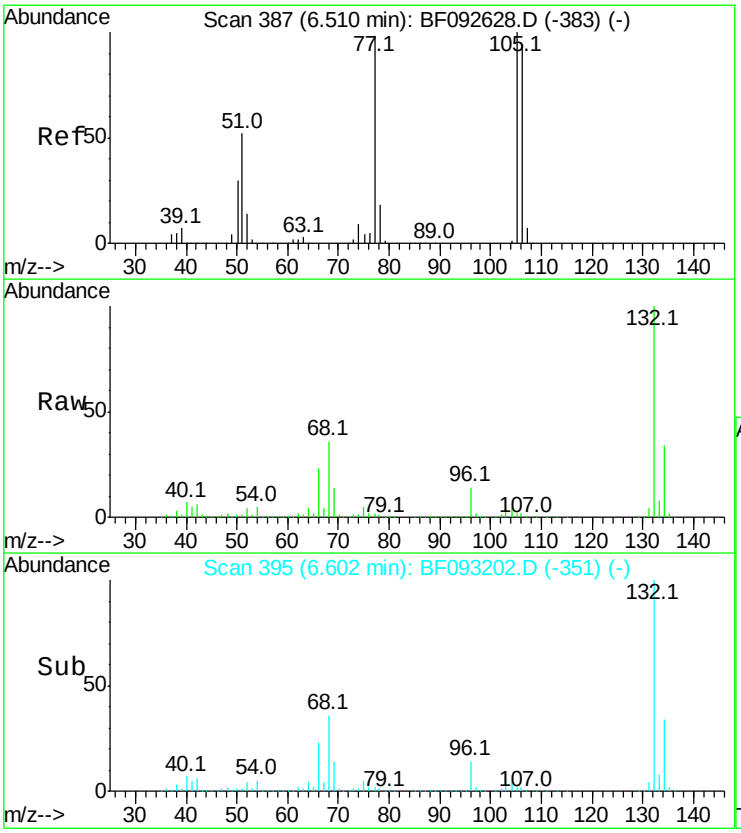
#7
Phenol-d6
Concen: 102.55 ng
RT: 6.48 min Scan# 384
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion: 99 Resp: 1238494

Ion	Ratio	Lower	Upper
99	100		
42	20.3	15.6	23.4
71	32.5	27.5	41.3

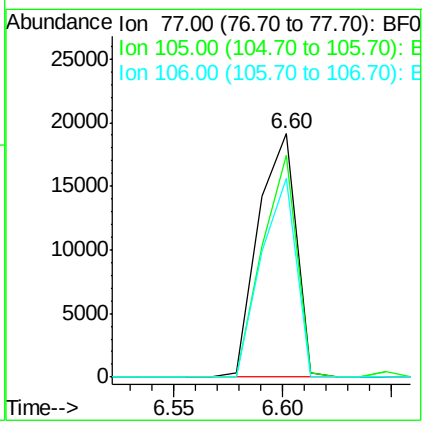


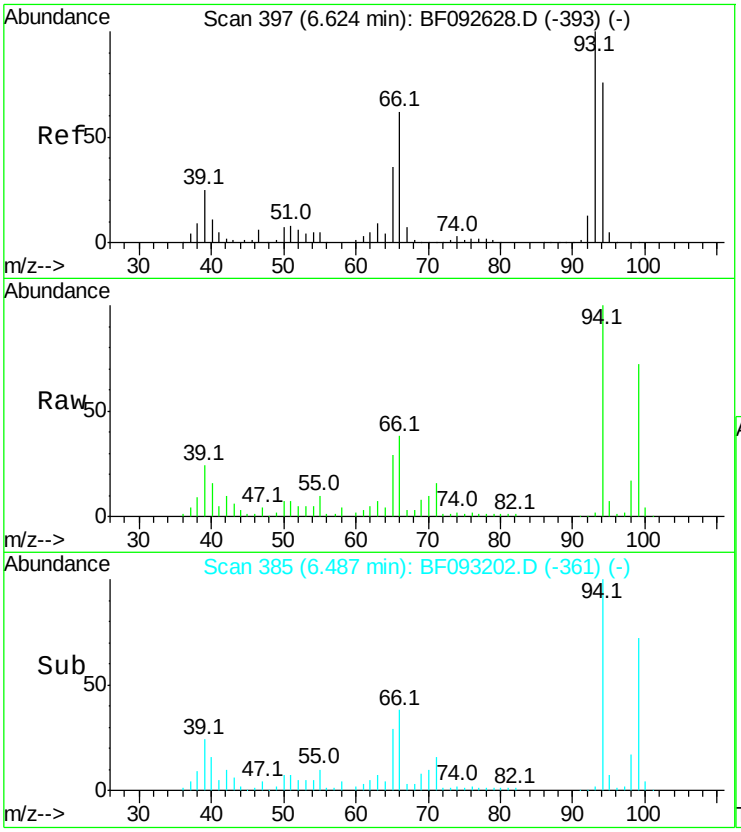


#9
Benzaldehyde
Concen: 2.70 ng
RT: 6.60 min Scan# 395
Delta R.T. 0.21 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion: 77 Resp: 23370

Ion	Ratio	Lower	Upper
77	100		
105	90.9	83.9	123.9
106	81.4	77.6	117.6



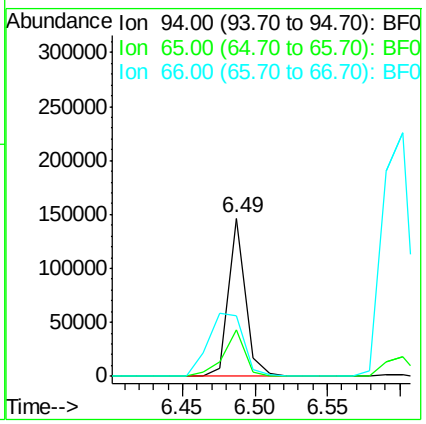


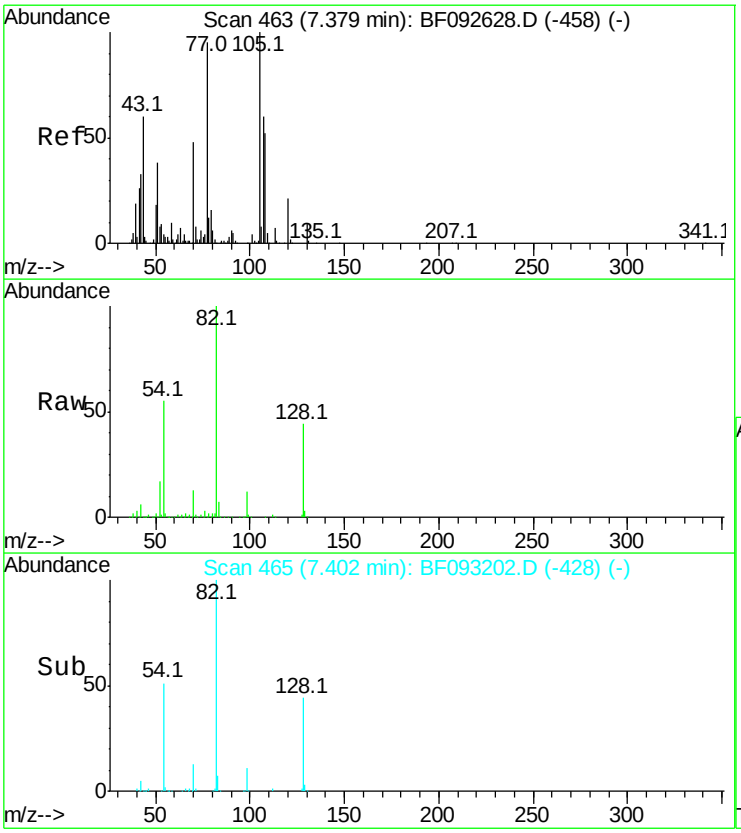
#10
Phenol
Concen: 8.51 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.02 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion: 94 Resp: 120246

Ion	Ratio	Lower	Upper
94	100		
65	29.0	21.4	61.4
66	38.2	44.0	84.0#

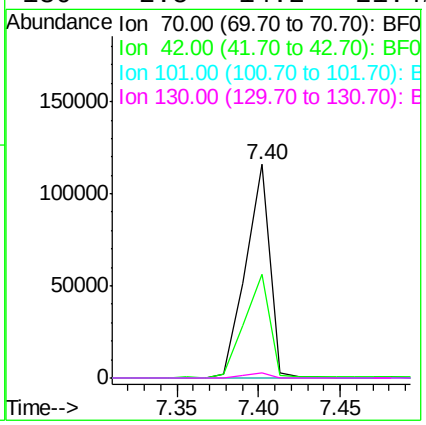


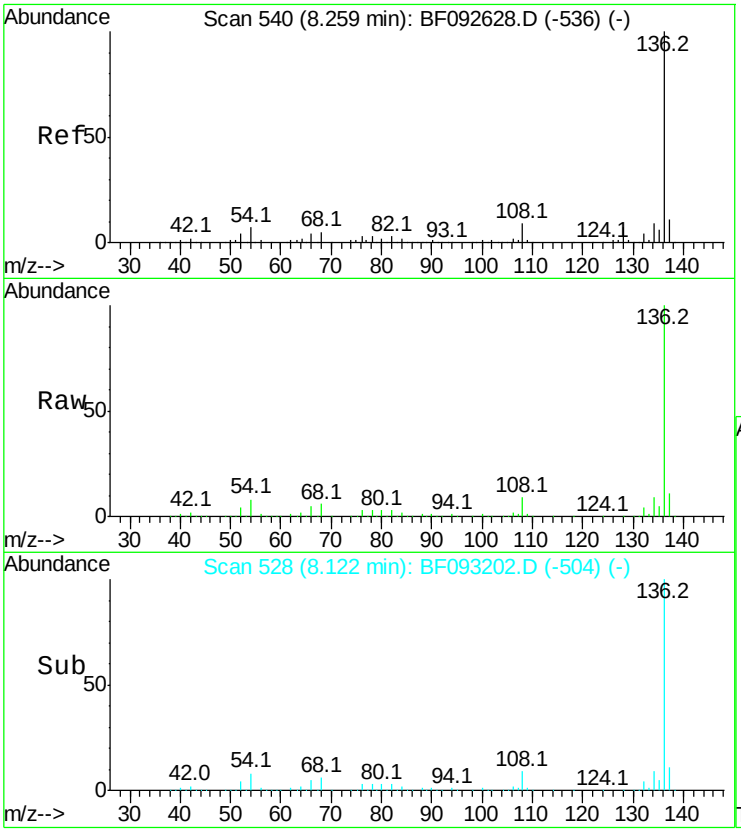


#19
n-Nitroso-di-n-propylamine
Concen: 15.52 ng
RT: 7.40 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion: 70 Resp: 119280

Ion	Ratio	Lower	Upper
70	100		
42	48.7	49.4	74.0#
101	0.0	7.4	11.2#
130	2.5	14.2	21.4#



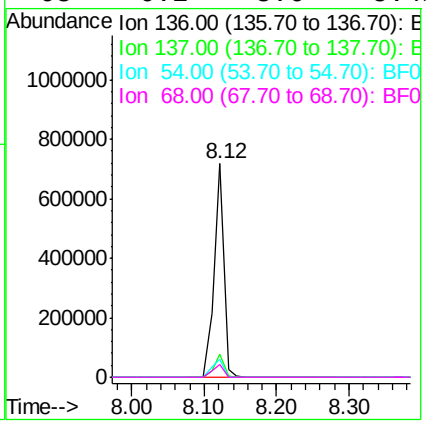


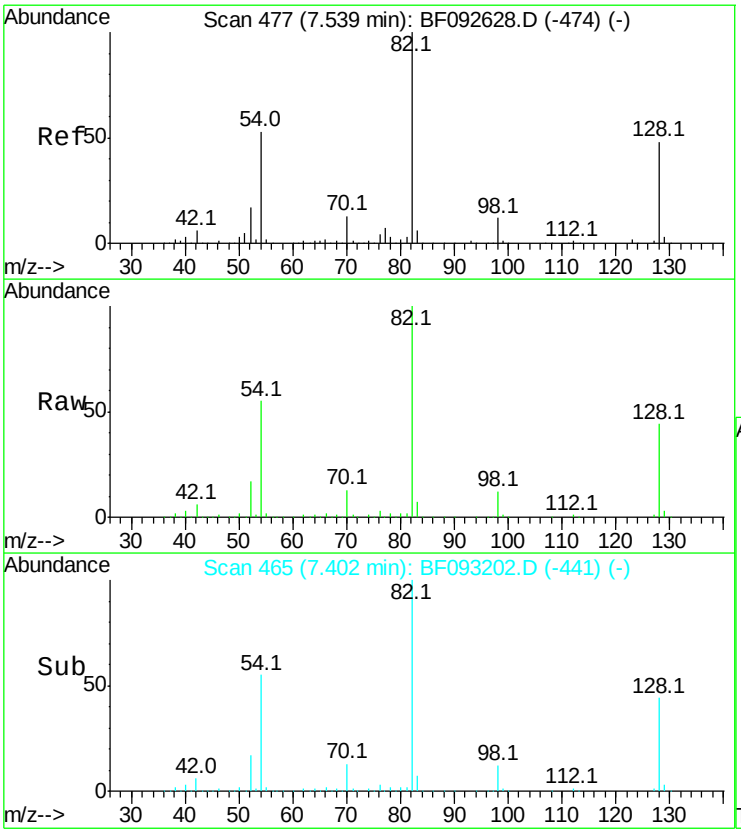
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion:136 Resp: 668993

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	8.5	4.5	6.7#
68	6.2	3.6	5.4#

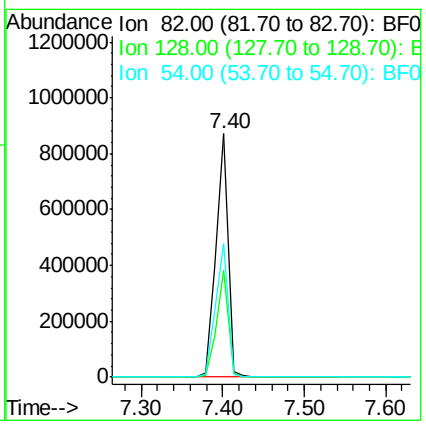


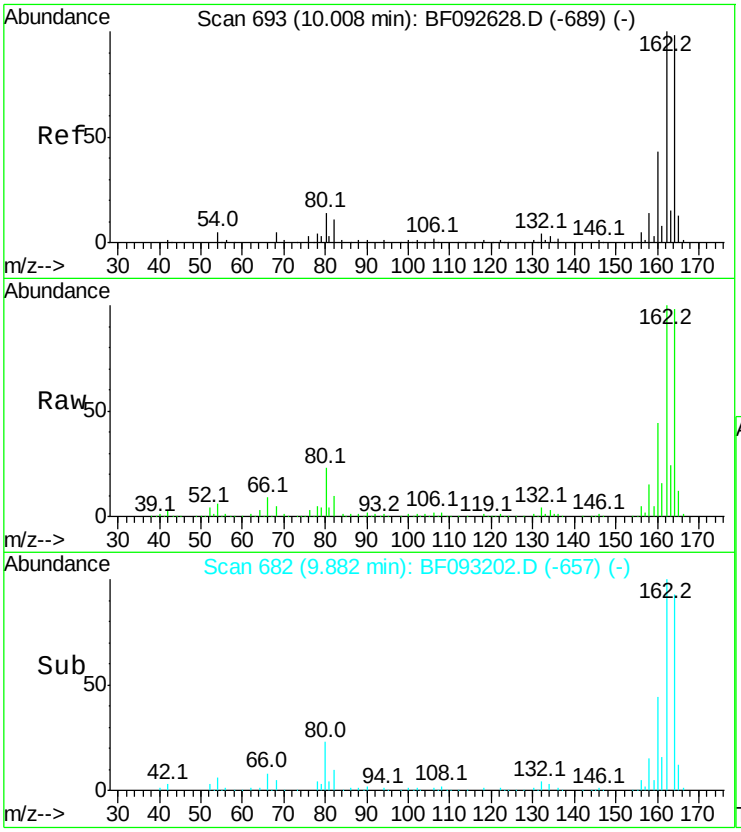


#23
Nitrobenzene-d5
Concen: 74.92 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion: 82 Resp: 900098

Ion	Ratio	Lower	Upper
82	100		
128	43.8	34.6	52.0
54	54.8	39.5	59.3



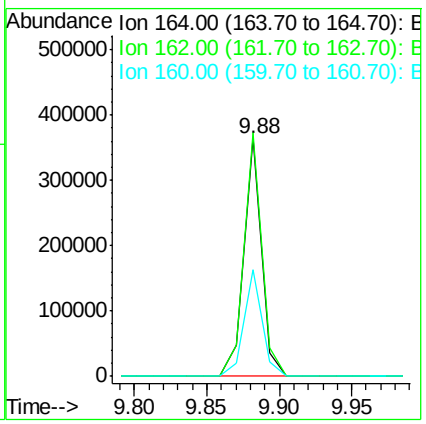


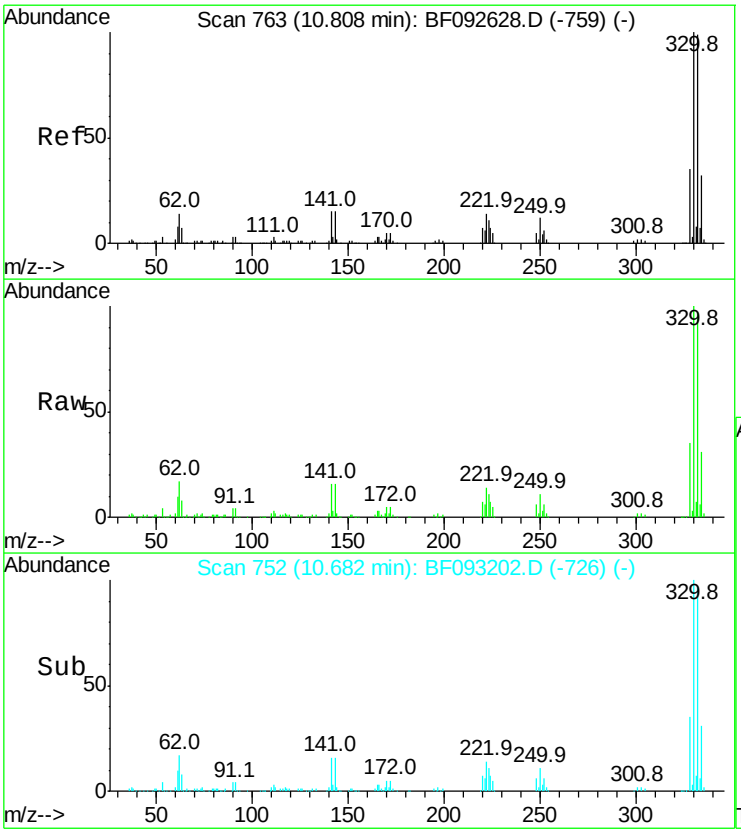
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion:164 Resp: 309638

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.2	120.2
160	44.6	36.9	55.3

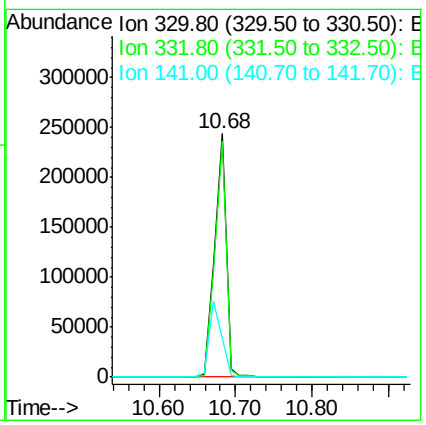


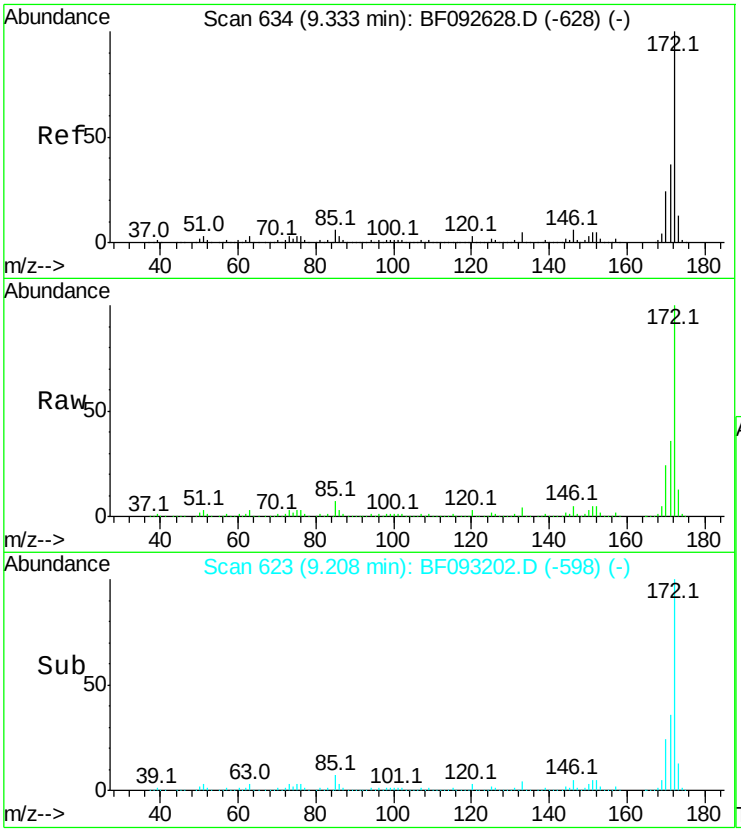


#41
2,4,6-Tribromophenol
Concen: 114.40 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion:330 Resp: 256200

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.4	116.2
141	33.4	34.1	51.1#



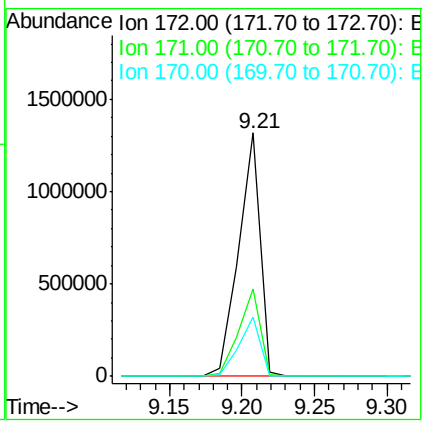


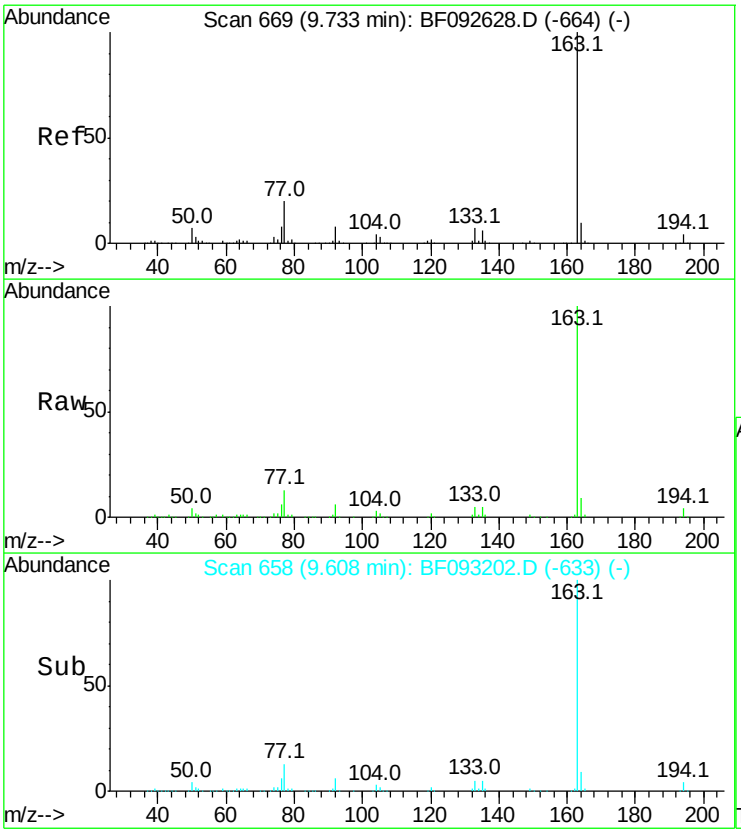
#44
2-Fluorobiphenyl
Concen: 79.86 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion:172 Resp: 1364846

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	24.2	20.2	30.4

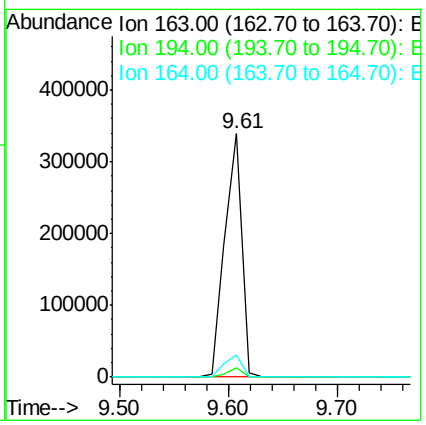


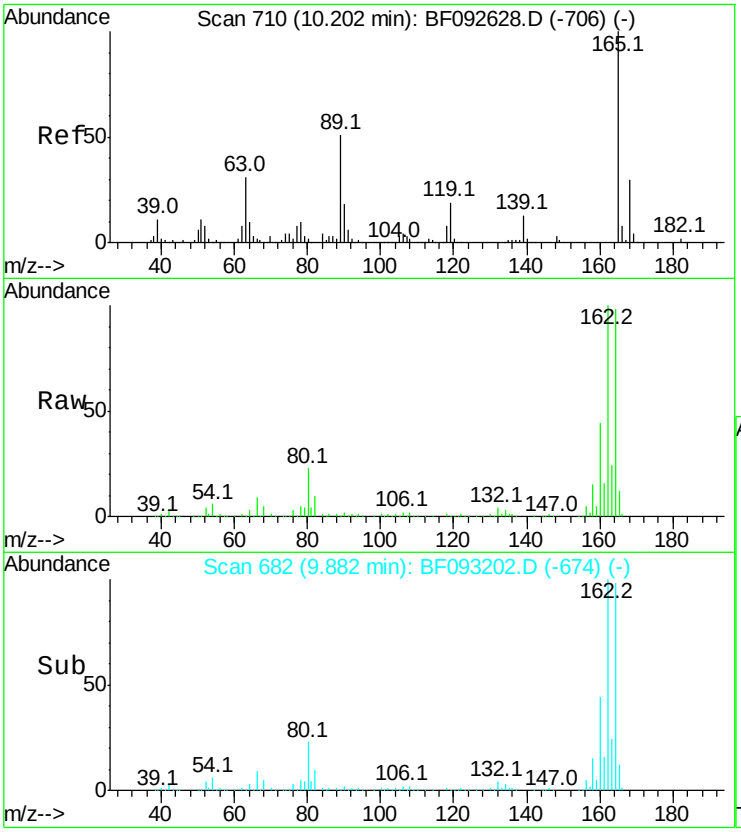


#49
Dimethylphthalate
Concen: 17.57 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion:163 Resp: 366404

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	9.3	8.0	12.0



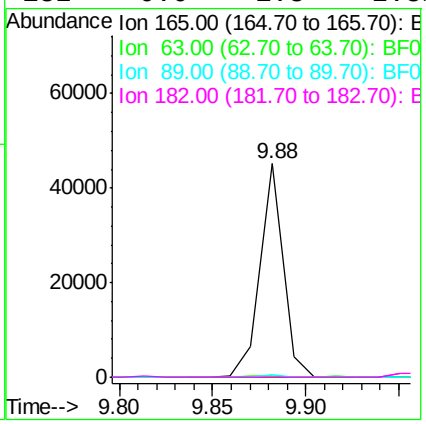


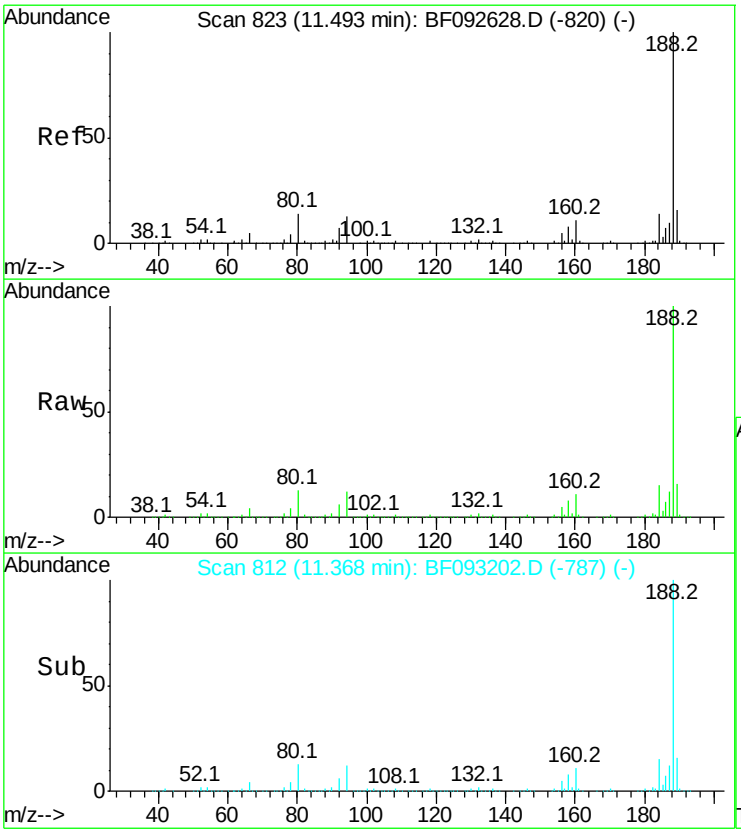
#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.21 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion:165 Resp: 38691

Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

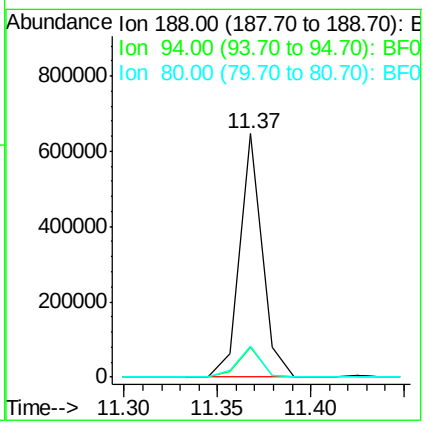


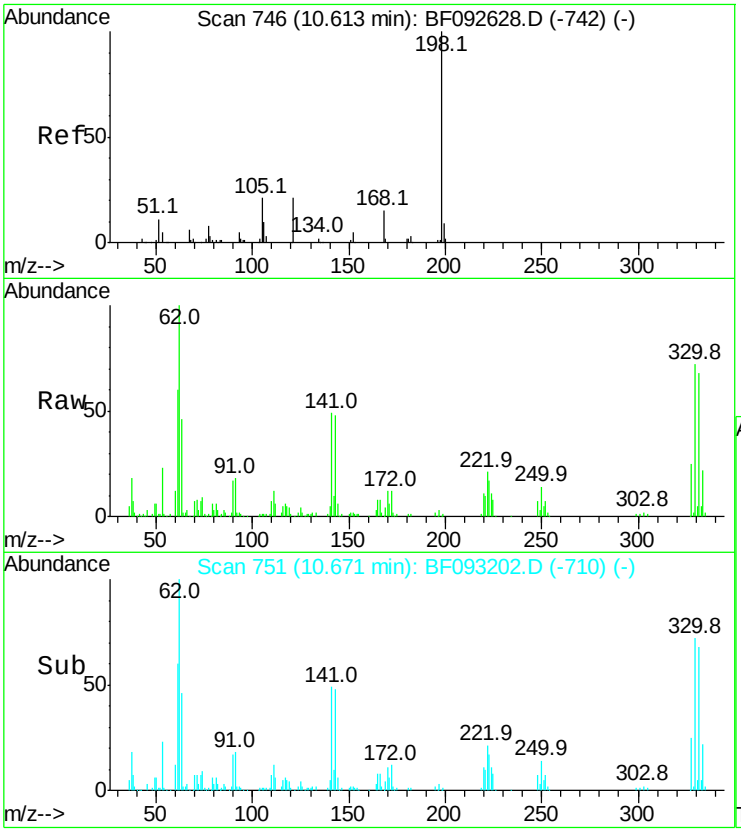


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion:188 Resp: 546104

Ion	Ratio	Lower	Upper
188	100		
94	12.0	10.0	15.0
80	12.7	11.2	16.8



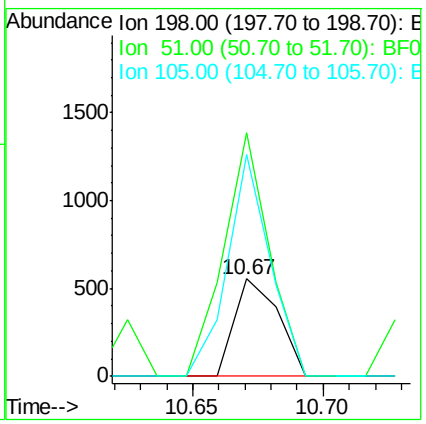


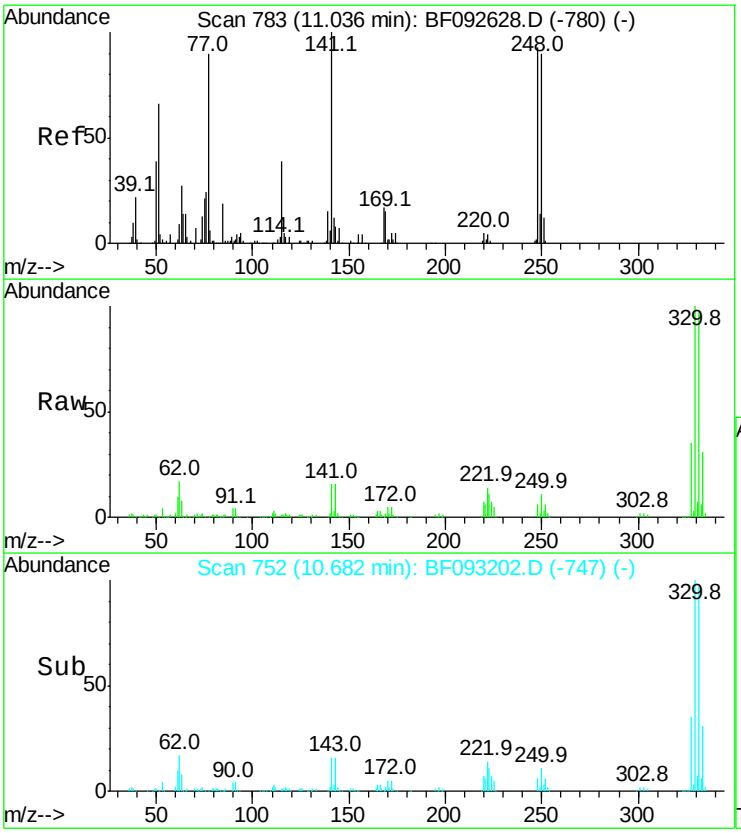
#64
4,6-Dinitro-2-methylphenol
Concen: 2.85 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion:198 Resp: 650

Ion	Ratio	Lower	Upper
198	100		
51	250.6	6.7	46.7#
105	228.9	16.6	56.6#

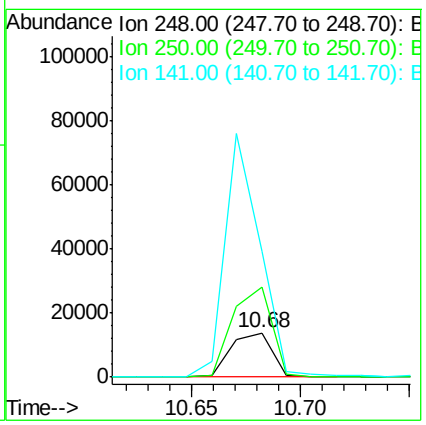


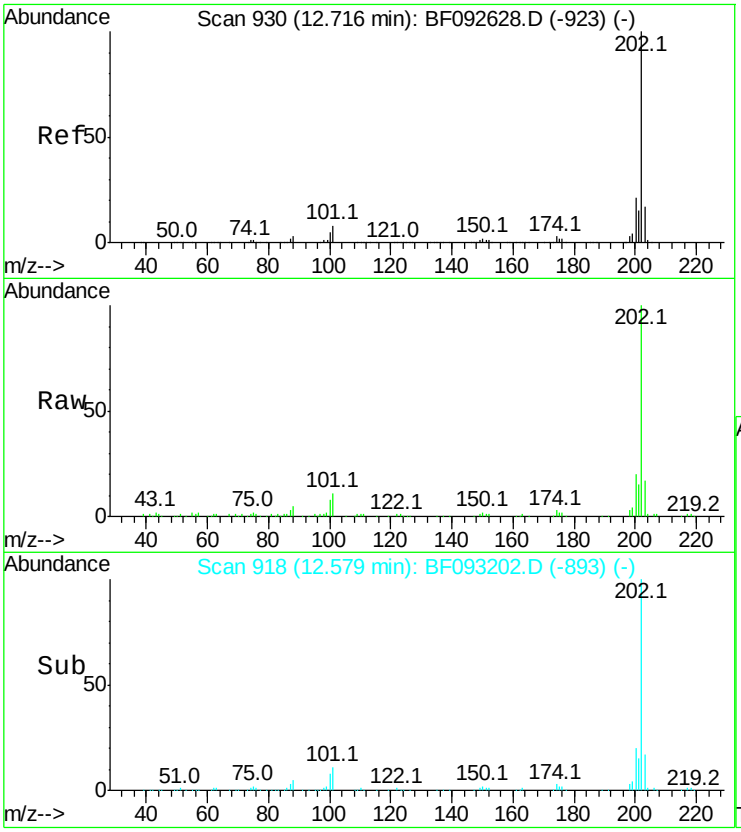


#66
4-Bromophenyl-phenylether
Concen: 3.16 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.24 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion:248 Resp: 18039

Ion	Ratio	Lower	Upper
248	100		
250	201.2	76.9	115.3#
141	284.0	68.2	102.4#



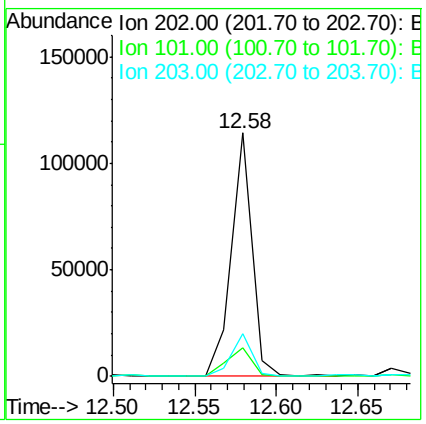


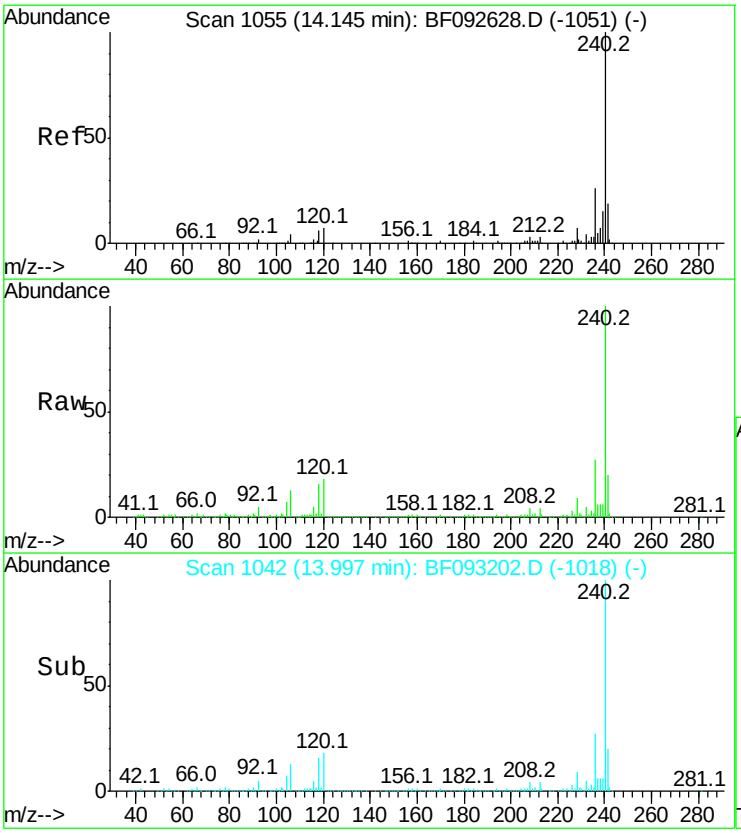
#74
Fluoranthene
Concen: 3.11 ng
RT: 12.58 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion:202 Resp: 100259

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	34.6
203	17.3	0.0	38.7

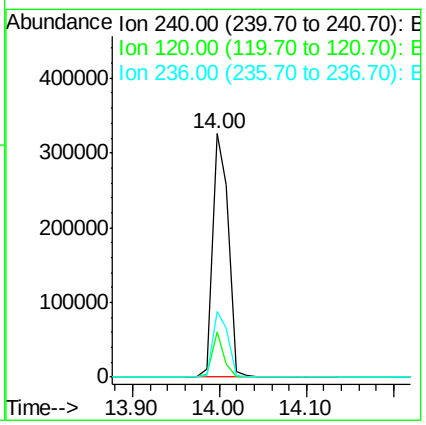


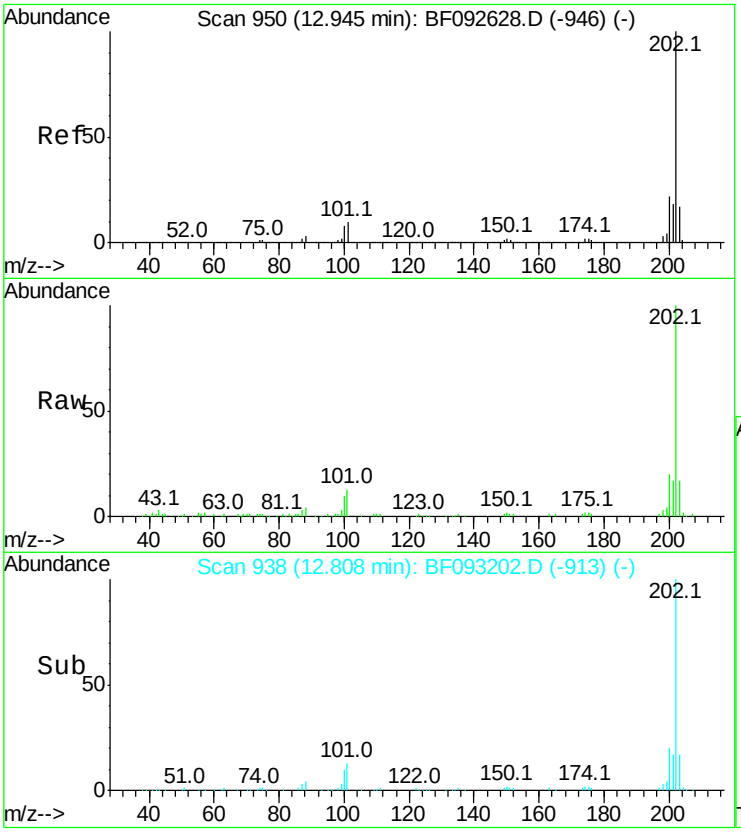


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion:240 Resp: 417351

Ion	Ratio	Lower	Upper
240	100		
120	18.4	12.9	19.3
236	26.9	20.9	31.3



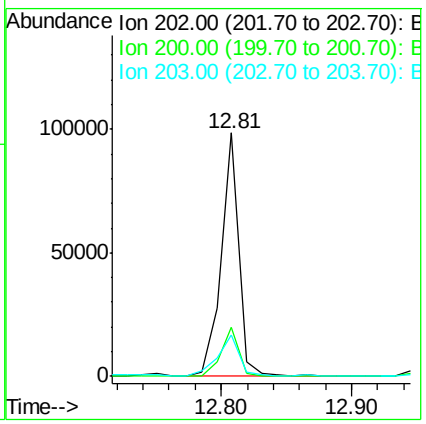


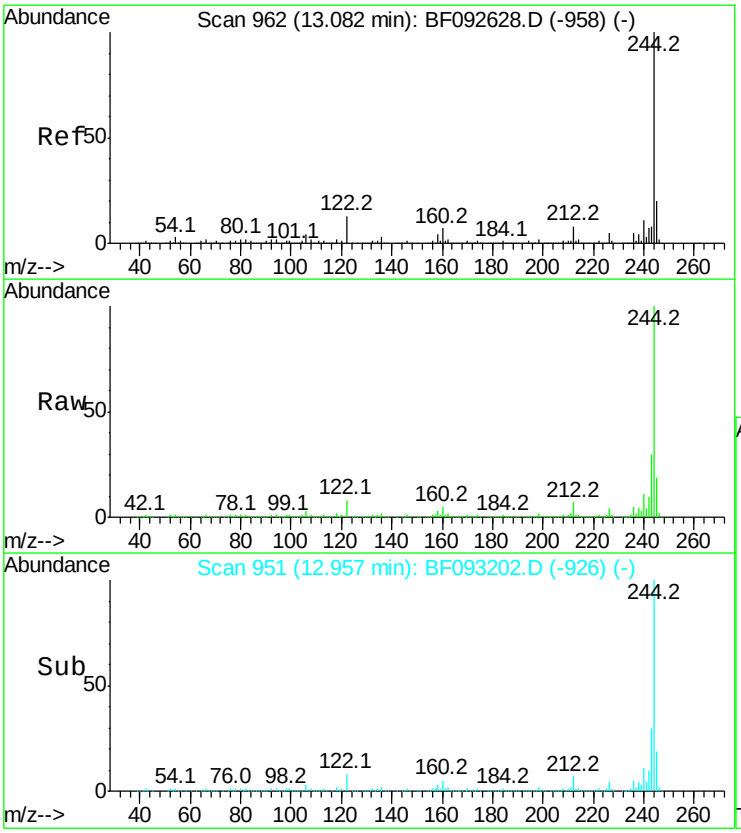
#77
Pyrene
Concen: 3.00 ng
RT: 12.81 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion:202 Resp: 93662

Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	17.0	14.7	22.1

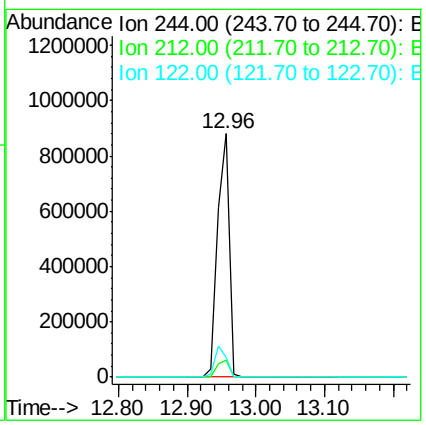


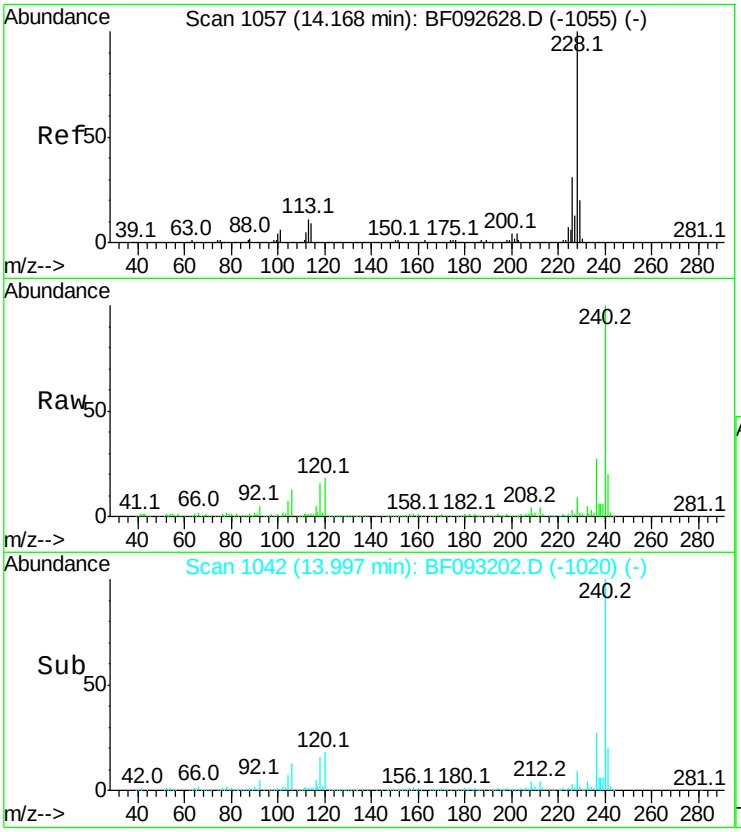


#78
Terphenyl-d14
Concen: 59.77 ng
RT: 12.96 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion:244 Resp: 1061728

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.2
122	8.3	11.4	17.2#



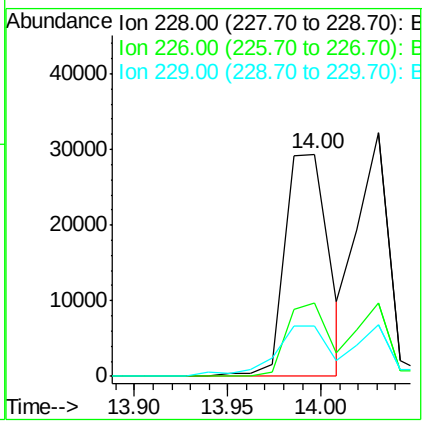


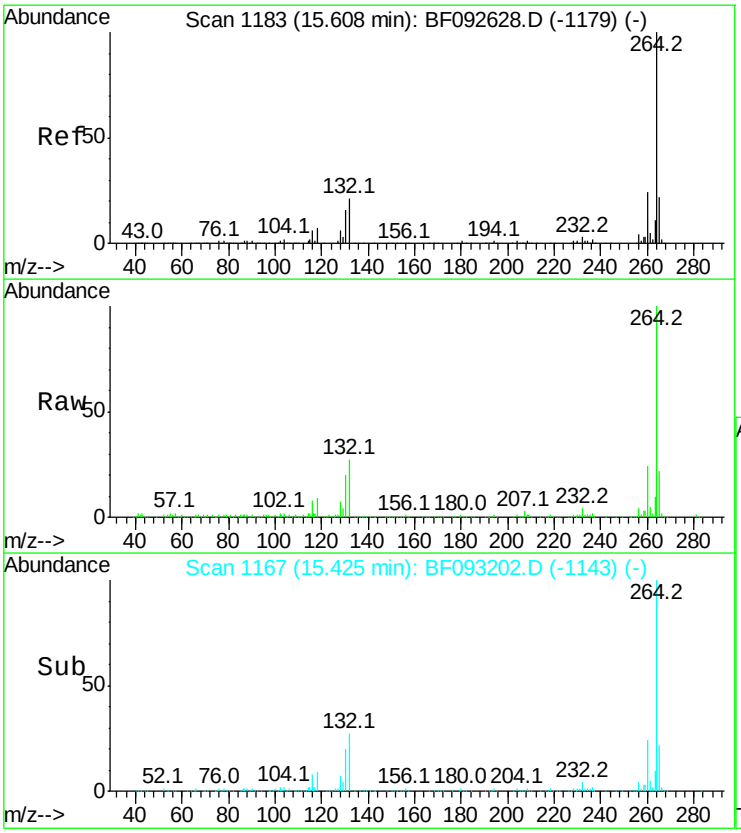
#82
Chrysene
Concen: 2.03 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.05 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion:228 Resp: 48421

Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.4	38.0
229	22.5	16.2	24.2

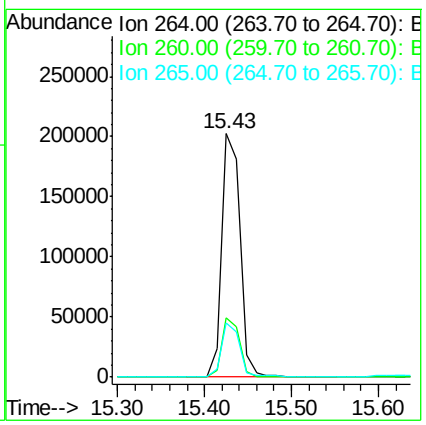


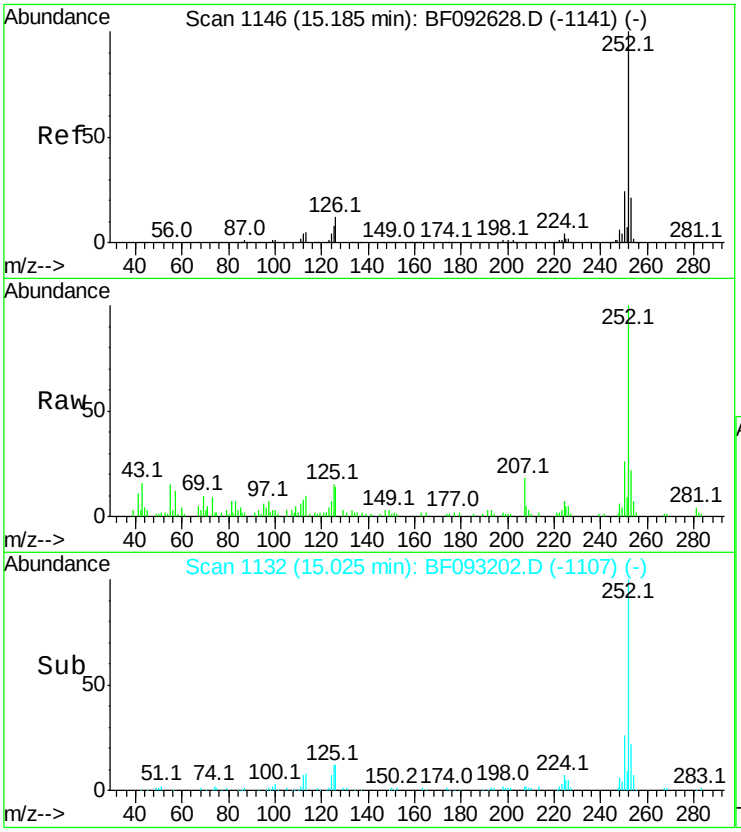


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion:264 Resp: 298091

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.0	17.4	26.0



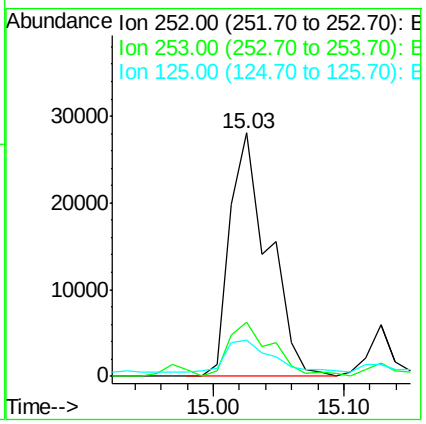


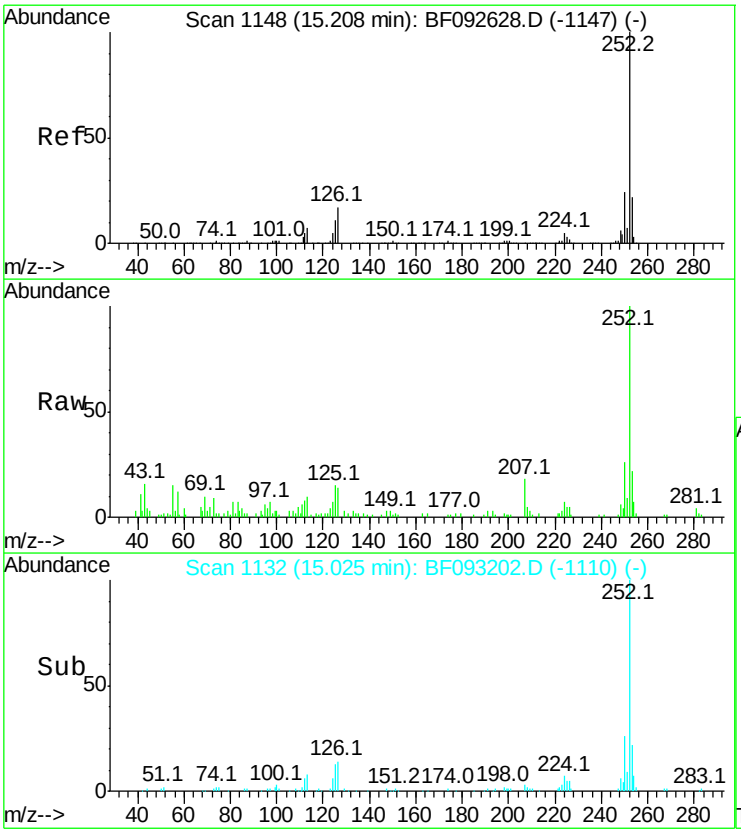
#87
Benzo(b)fluoranthene
Concen: 2.94 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Instrument :
BNA_F
ClientSampleId :
E2-B1-B2-BASE-7

Tgt Ion:252 Resp: 57630

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	14.7	9.8	14.6#





#88
Benzo(k)fluoranthene
Concen: 3.40 ng
RT: 15.03 min Scan# 1132
Delta R.T. -0.05 min
Lab File: BF093202.D
Acq: 27 Feb 2017 12:10

Tgt Ion:252 Resp: 57630

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.5	27.7
125	14.7	8.9	13.3#