Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
Data File : BF094245.D
Acq On : 7 Apr 2017 1:25
Operator : SJ/MA
Sample : I2400-01 30X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : UST-1B

Quant Time: Apr 07 01:51:03 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	150020	20.00	ng		0.00
21) Naphthalene-d8	7.36	136	606850	20.00	ng		0.00
38) Acenaphthene-d10	9.50	164	224091	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	462465	20.00	ng		0.00
75) Chrysene-d12	14.56	240	328876	20.00	ng		-0.01
86) Perylene-d12	16.19	264	261832	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.37	112	42840	4.82	ng		-0.01
7) Phenol-d6	5.45	99	56084	5.10	ng		-0.02
23) Nitrobenzene-d5	6.49	82	45423	4.27	ng		-0.02
41) 2,4,6-Tribromophenol	10.47	330	8699	4.91	ng		0.00
44) 2-Fluorobiphenyl	8.67	172	67980	4.63	ng		-0.01
78) Terphenyl-d14	13.29	244	54638	3.72	ng		0.00
Target Compounds							Qvalue
18) Hexachloroethane	6.43	117	9132	2.34	ng	#	1
22) Acetophenone	6.32	105	124882	9.23	ng	#	47
35) Caprolactam	7.92	113	33245	12.94	ng	#	50
37) 2-Methylnaphthalene	8.23	142	693366	35.65	ng		99
45) 1,1'-Biphenyl	8.80	154	135651	7.50	ng		97
51) Acenaphthene	9.54	154	41850	3.05	ng	#	88
53) 2,4-Dinitrophenol	9.61	184	424	4.87	ng	#	1
54) Dibenzofuran	9.75	168	49055	2.63	ng	#	55
55) 4-Nitrophenol	9.82	139	23121	6.89	ng		87
56) 2,4-Dinitrotoluene	9.77	165	30079	6.56	ng	#	55
57) Fluorene	10.17	166	104034	6.72	ng	#	88
65) n-Nitrosodiphenylamine	10.33	169	122923	7.69	ng	#	53
70) Phenanthrene	11.35	178	314658	12.23	ng		98
71) Anthracene	11.35	178	314658	11.88	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040617\
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Acq On : 7 Apr 2017 1:25
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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-1B

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 06 13:20:29 2017
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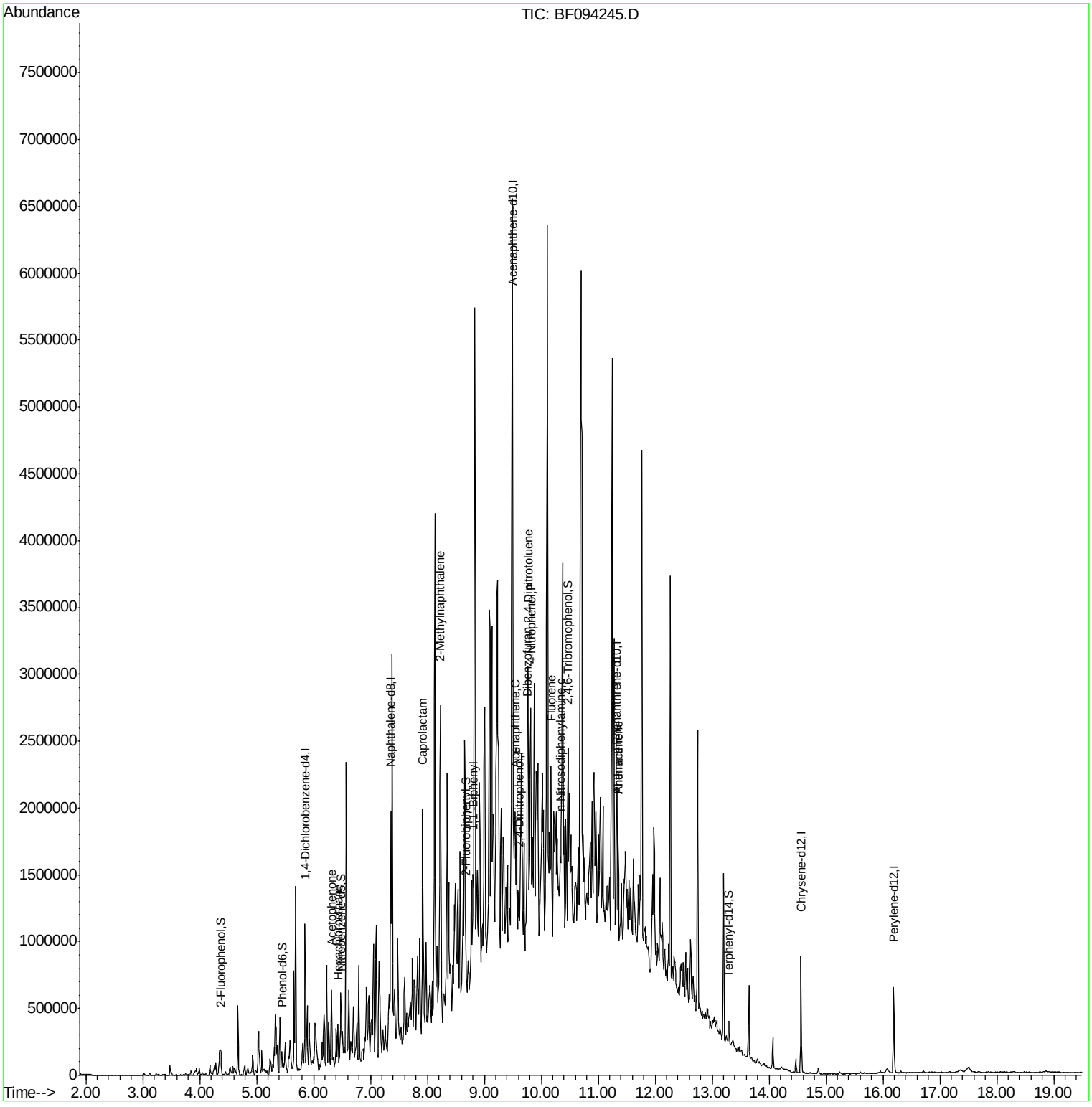
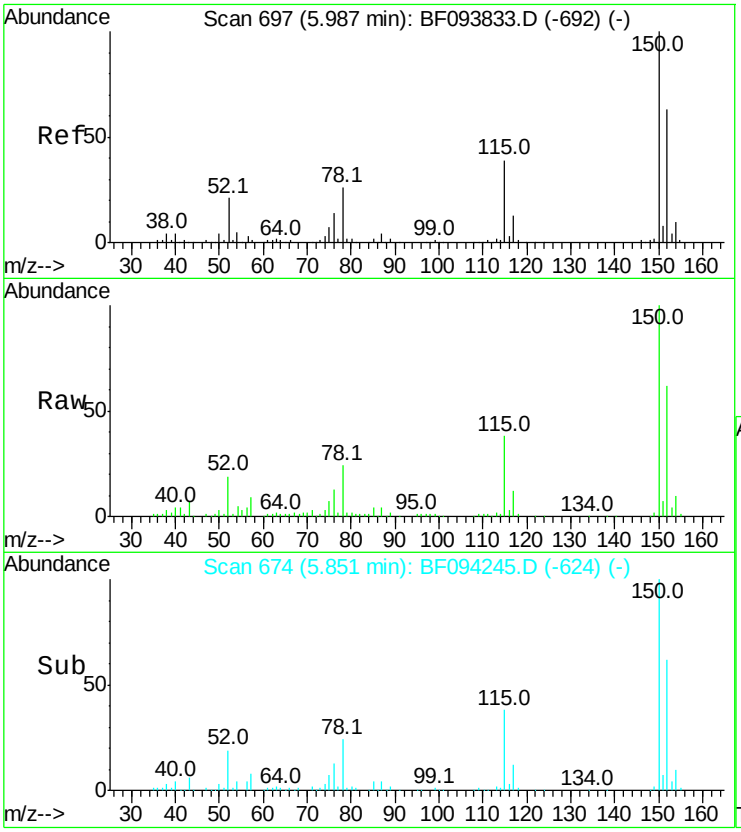


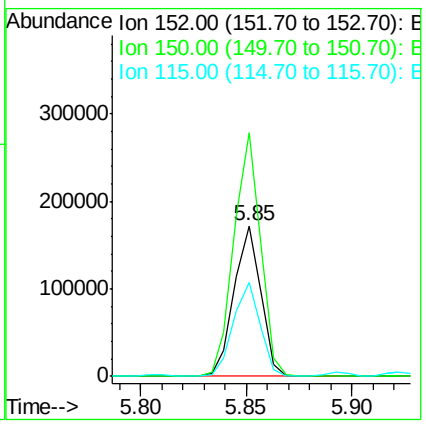


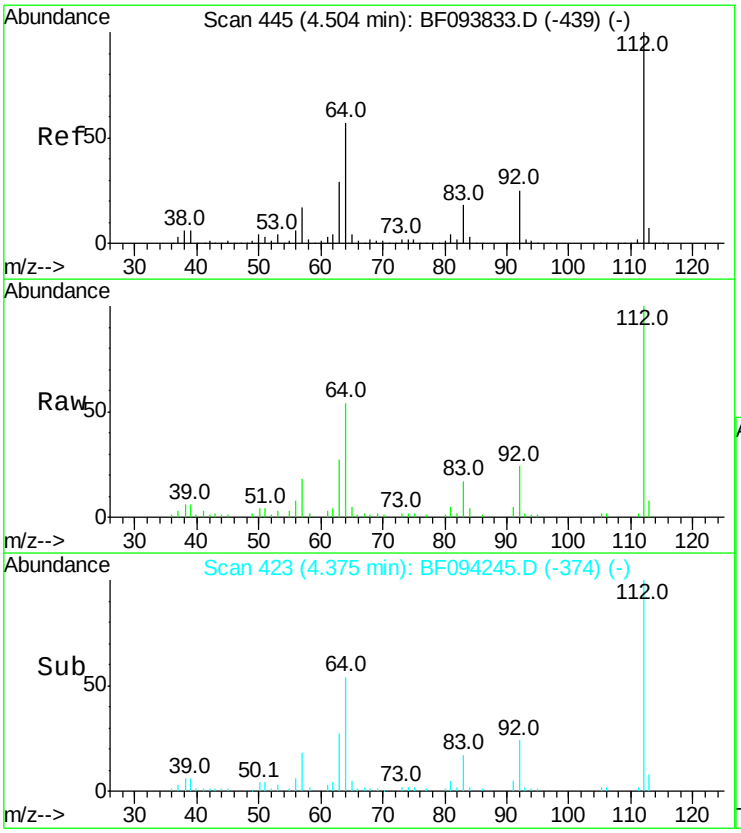
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.85 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion:152 Resp: 150020

Ion	Ratio	Lower	Upper
152	100		
150	161.7	126.2	189.2
115	61.9	52.2	78.2

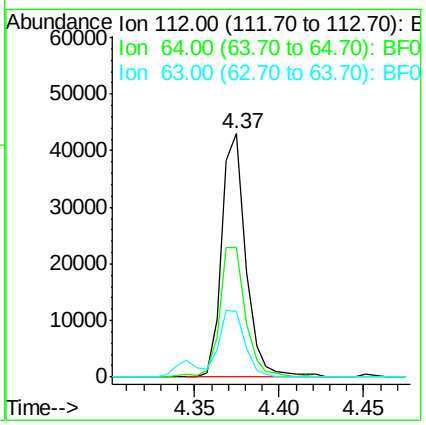


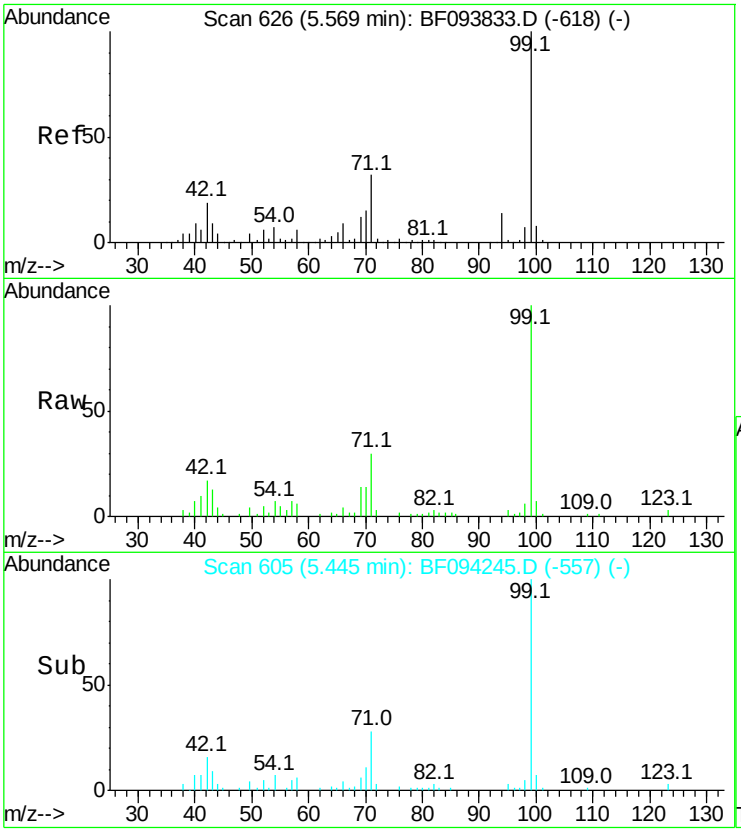


#5
2-Fluorophenol
Concen: 4.82 ng
RT: 4.37 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:112 Resp: 42840

Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.0	69.0
63	27.0	23.4	35.0



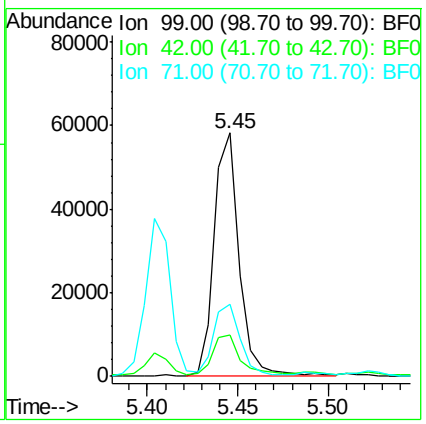


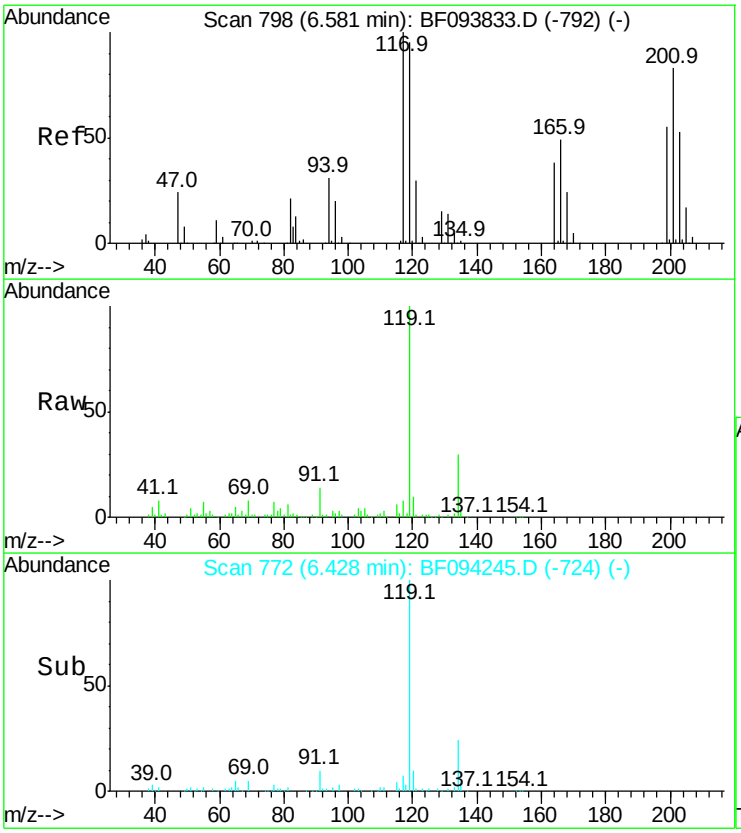
#7
Phenol-d6
Concen: 5.10 ng
RT: 5.45 min Scan# 605
Delta R.T. -0.02 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion: 99 Resp: 56084

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.5	20.3
71	29.5	24.5	36.7

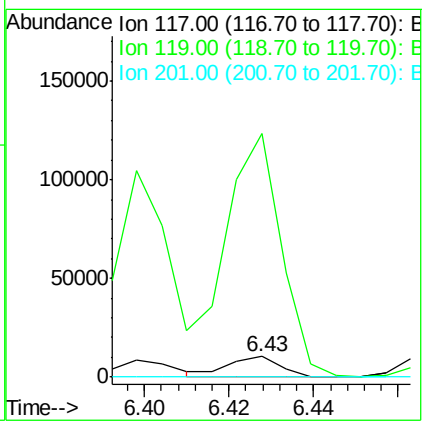


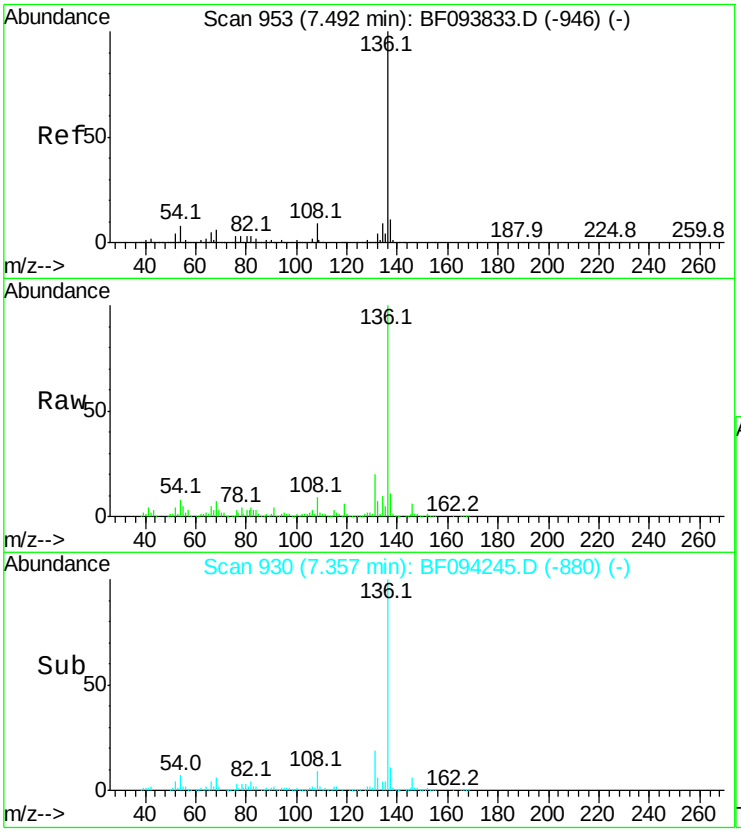


#18
Hexachloroethane
Concen: 2.34 ng
RT: 6.43 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:117 Resp: 9132

Ion	Ratio	Lower	Upper
117	100		
119	1198.6	77.4	116.0#
201	0.0	94.6	141.8#



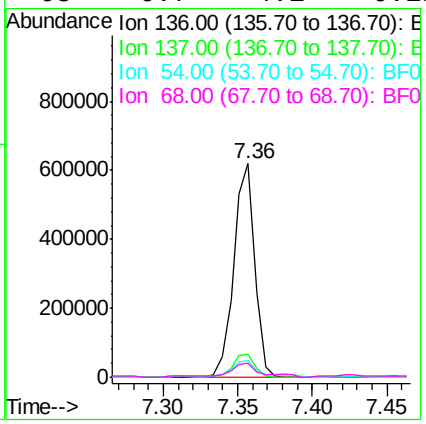


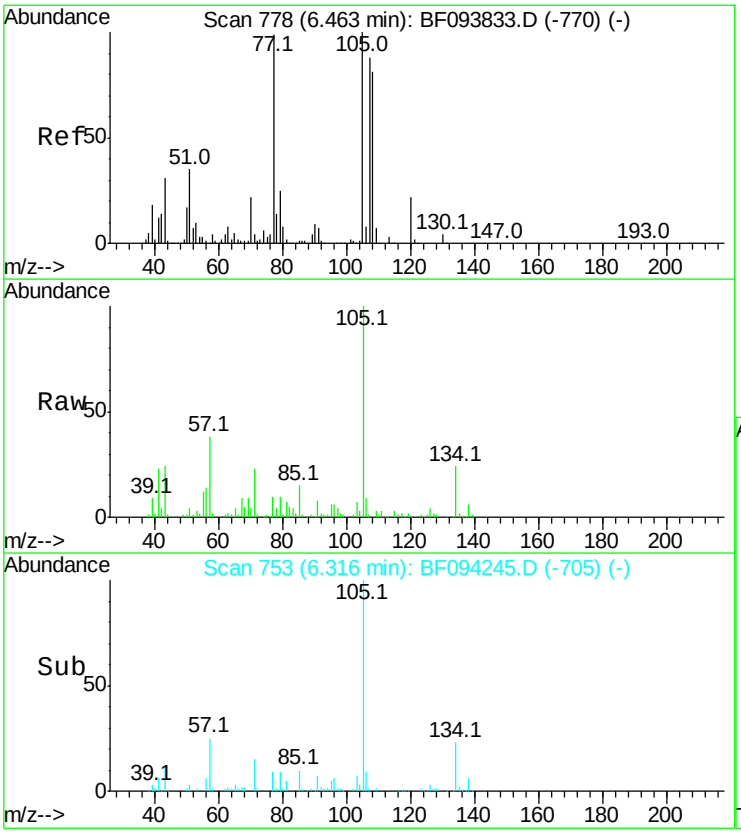
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.36 min Scan# 930
Delta R.T. -0.01 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion:136 Resp: 606850

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	7.6	4.9	7.3#
68	6.7	4.1	6.1#

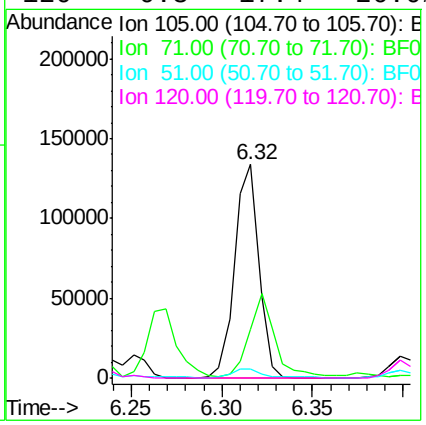


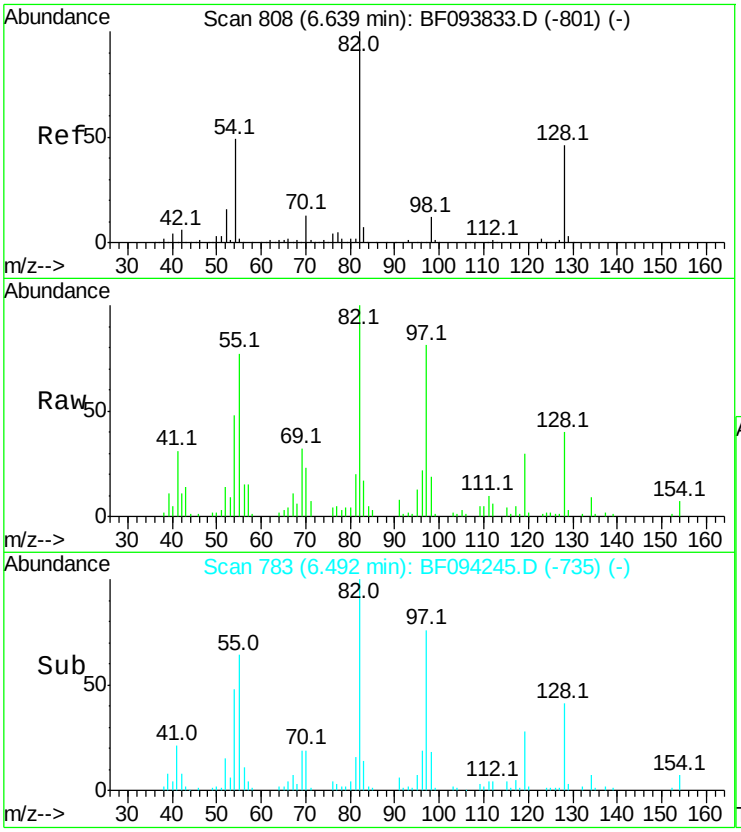


#22
Acetophenone
Concen: 9.23 ng
RT: 6.32 min Scan# 753
Delta R.T. -0.02 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:105 Resp: 124882

Ion	Ratio	Lower	Upper
105	100		
71	23.0	2.8	4.2#
51	4.2	30.7	46.1#
120	0.3	17.4	26.0#



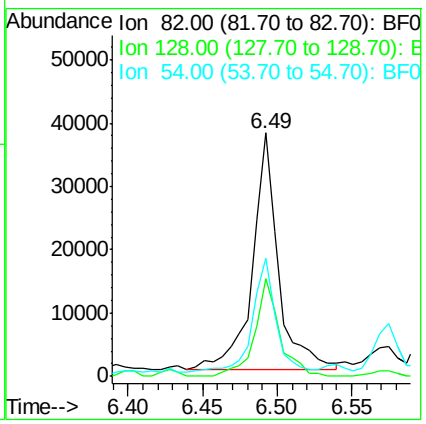


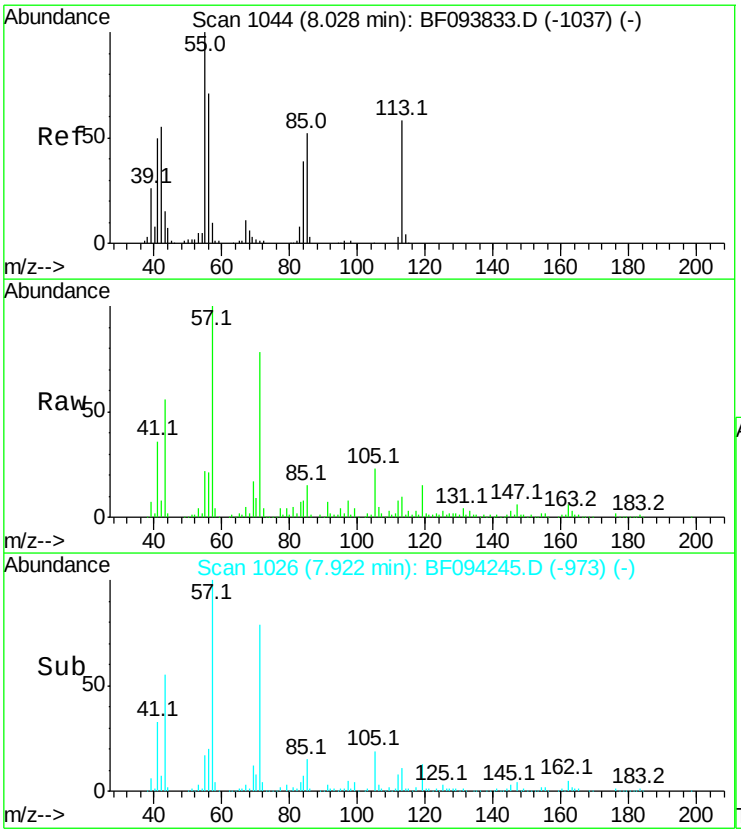
#23
Nitrobenzene-d5
Concen: 4.27 ng
RT: 6.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion: 82 Resp: 45423

Ion	Ratio	Lower	Upper
82	100		
128	40.2	34.0	51.0
54	48.4	42.2	63.2

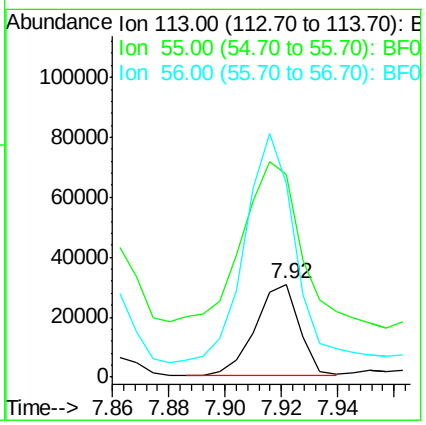


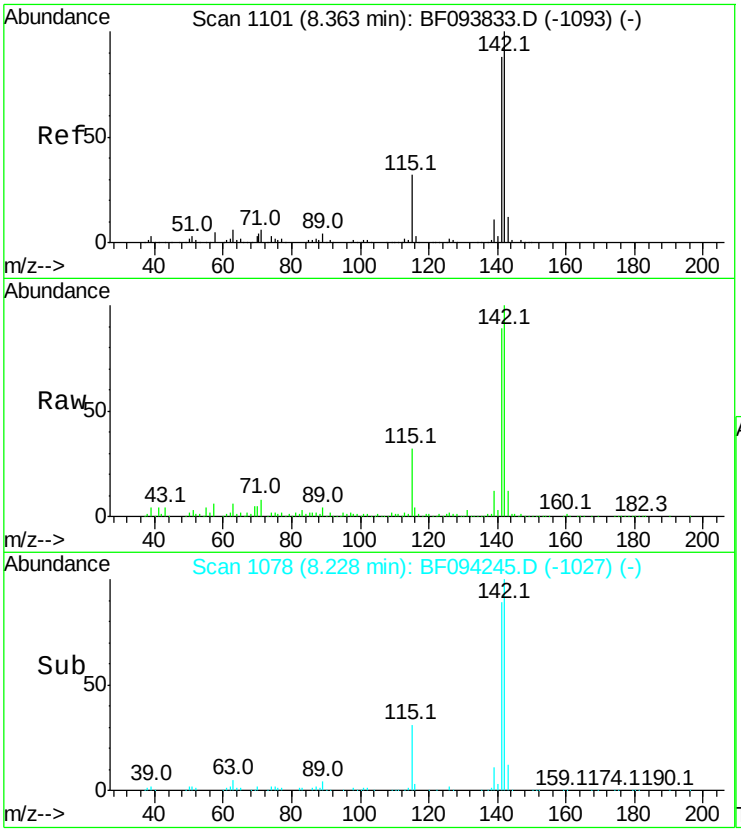


#35
Caprolactam
Concen: 12.94 ng
RT: 7.92 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:113 Resp: 33245

Ion	Ratio	Lower	Upper
113	100		
55	218.0	150.2	190.2#
56	208.4	107.8	147.8#



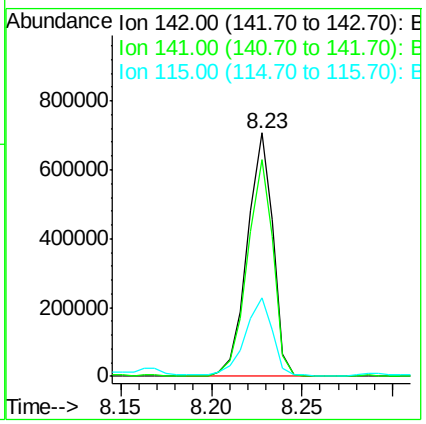


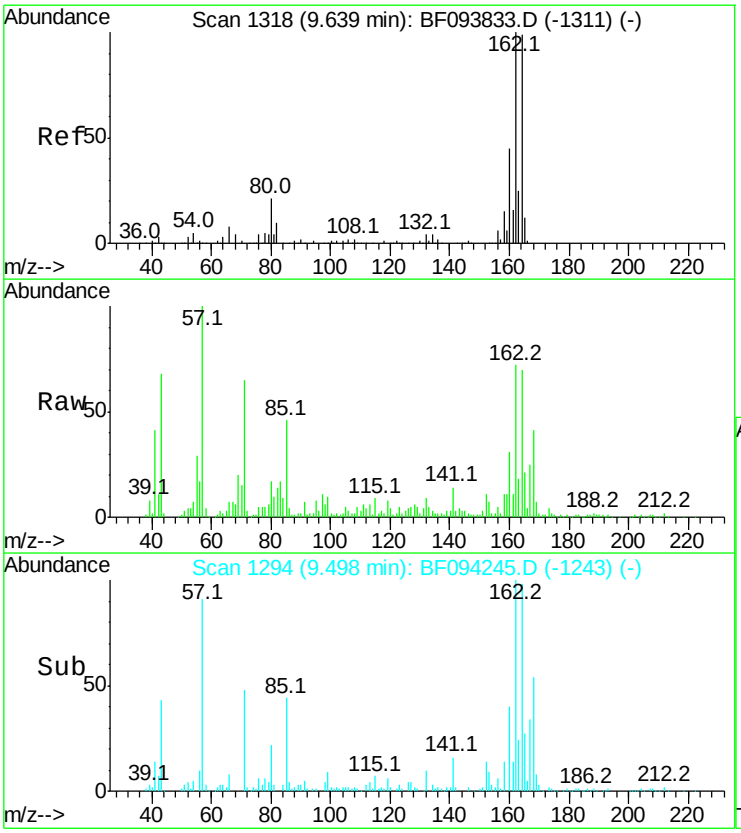
#37
2-Methylnaphthalene
Concen: 35.65 ng
RT: 8.23 min Scan# 1078
Delta R.T. -0.00 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion:142 Resp: 693366

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	32.3	27.1	40.7

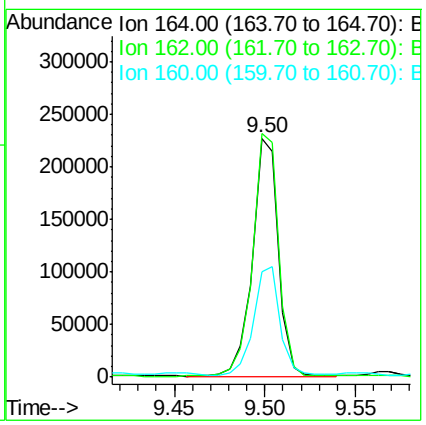


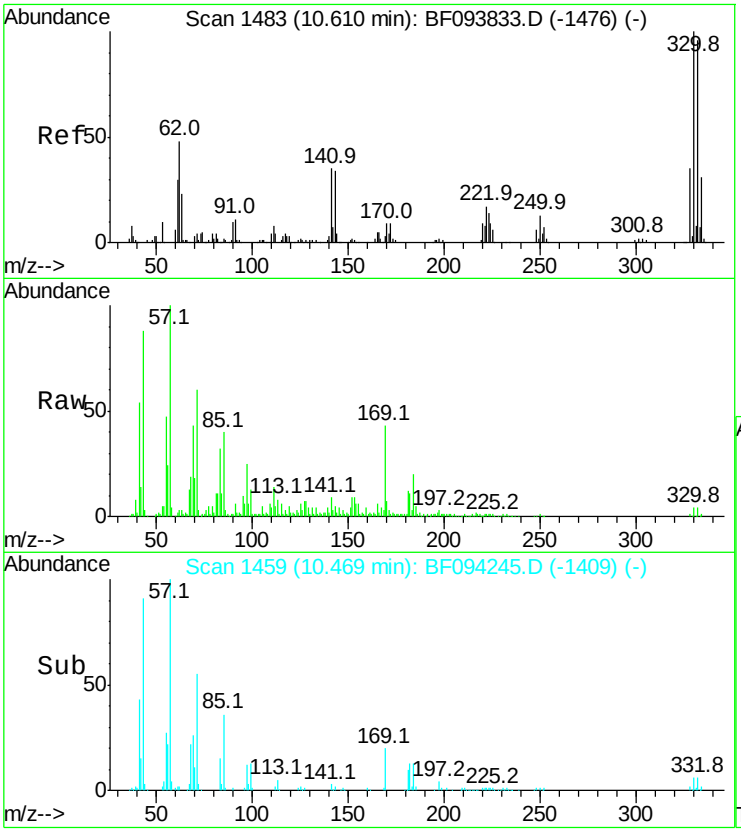


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.50 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:164 Resp: 224091

Ion	Ratio	Lower	Upper
164	100		
162	102.0	82.6	123.8
160	44.2	36.2	54.2



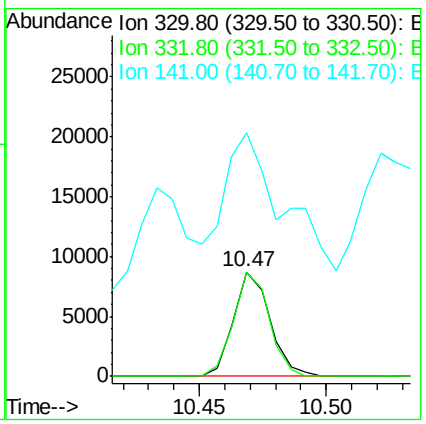


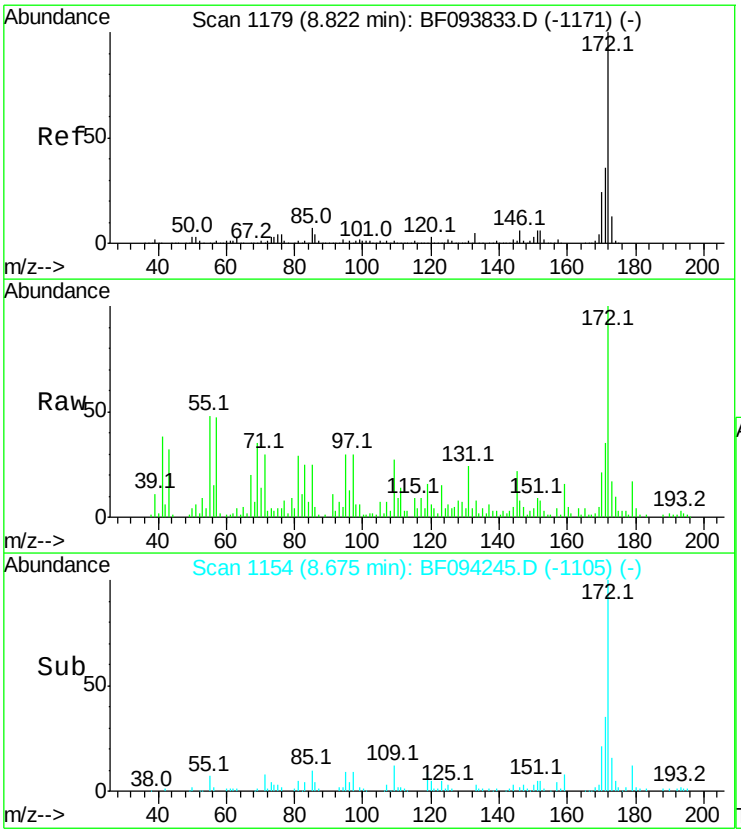
#41
2,4,6-Tribromophenol
Concen: 4.91 ng
RT: 10.47 min Scan# 1459
Delta R.T. -0.01 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion:330 Resp: 8699

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	202.0	31.4	47.2#

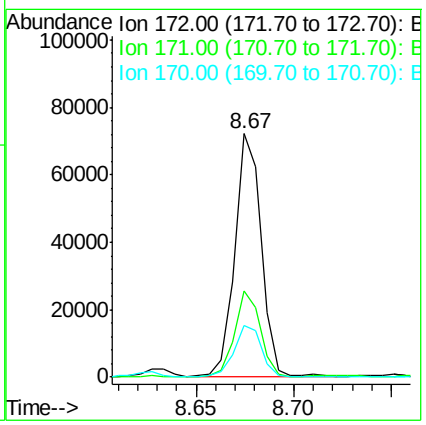


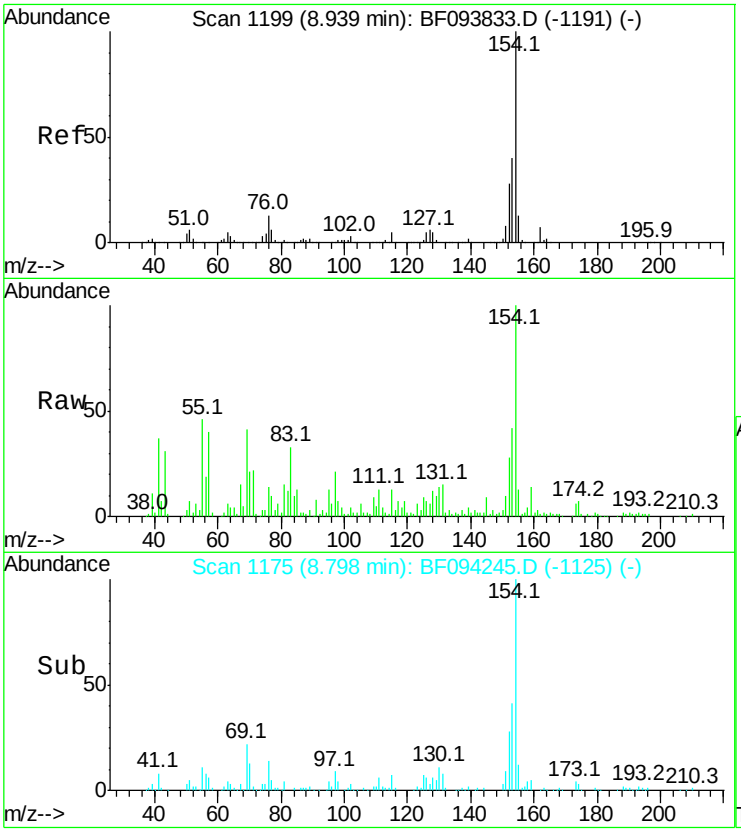


#44
2-Fluorobiphenyl
Concen: 4.63 ng
RT: 8.67 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:172 Resp: 67980

Ion	Ratio	Lower	Upper
172	100		
171	35.2	29.6	44.4
170	21.0	19.8	29.8



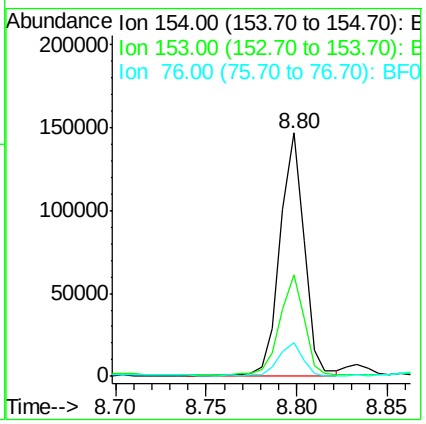


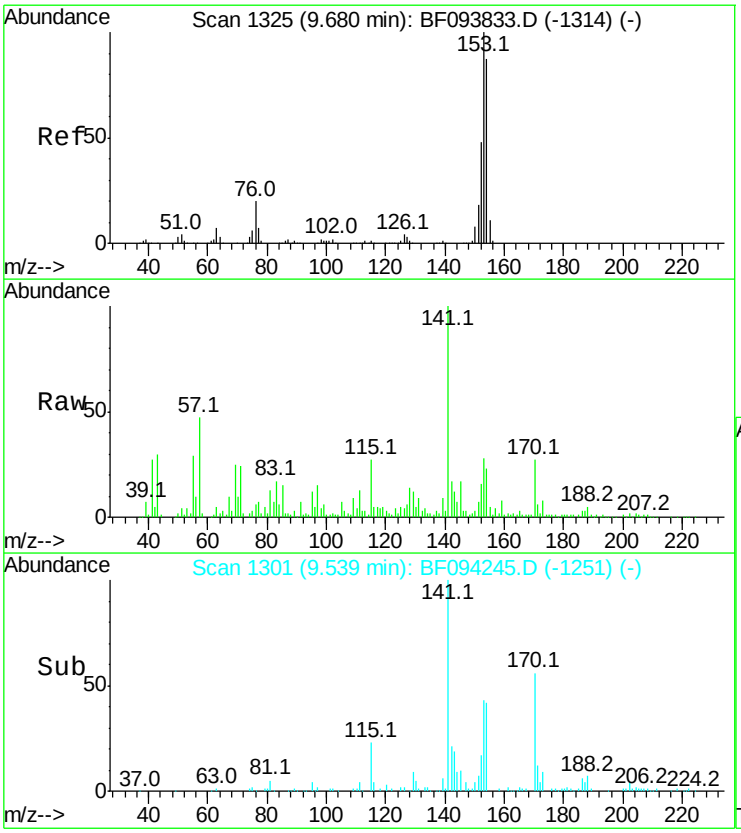
#45
1,1'-Biphenyl
Concen: 7.50 ng
RT: 8.80 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion:154 Resp: 135651

Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.2	61.2
76	14.1	0.0	29.9

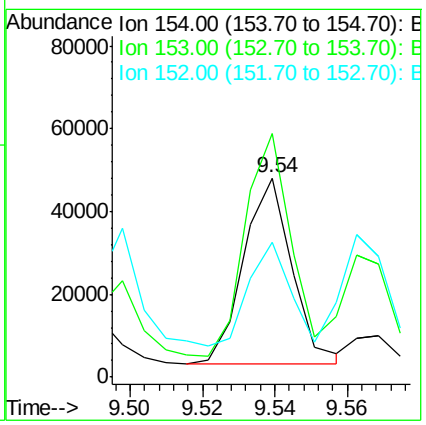


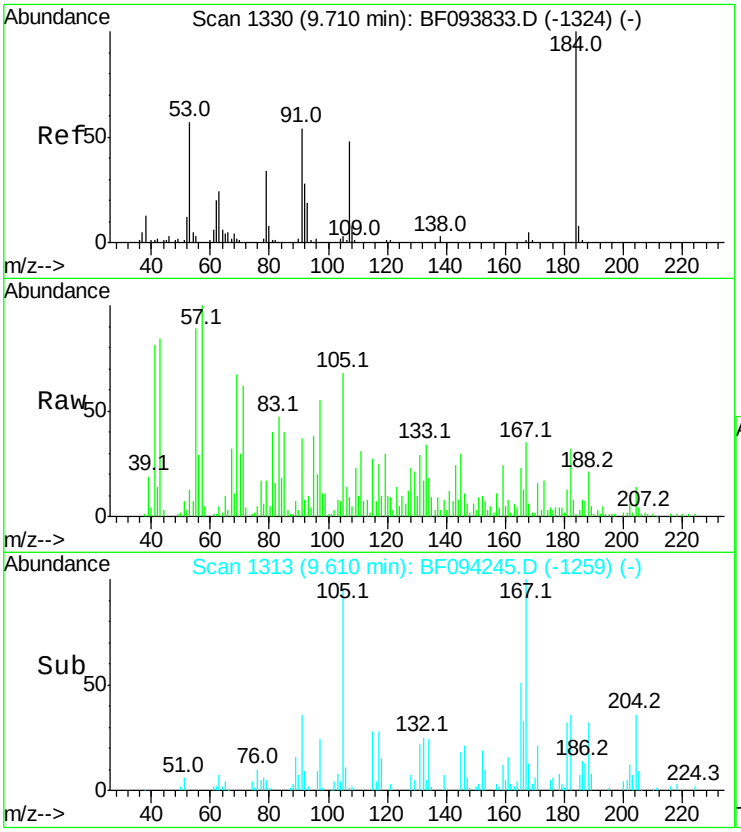


#51
Acenaphthene
Concen: 3.05 ng
RT: 9.54 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:154 Resp: 41850

Ion	Ratio	Lower	Upper
154	100		
153	122.2	90.5	135.7
152	67.4	43.6	65.4#



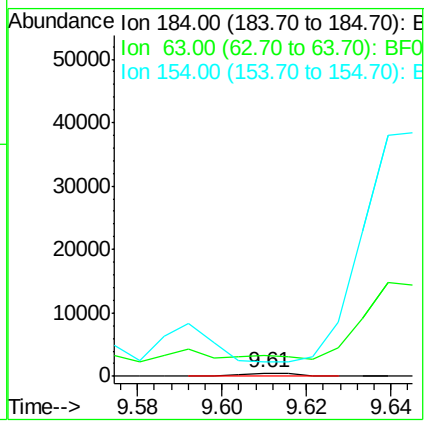


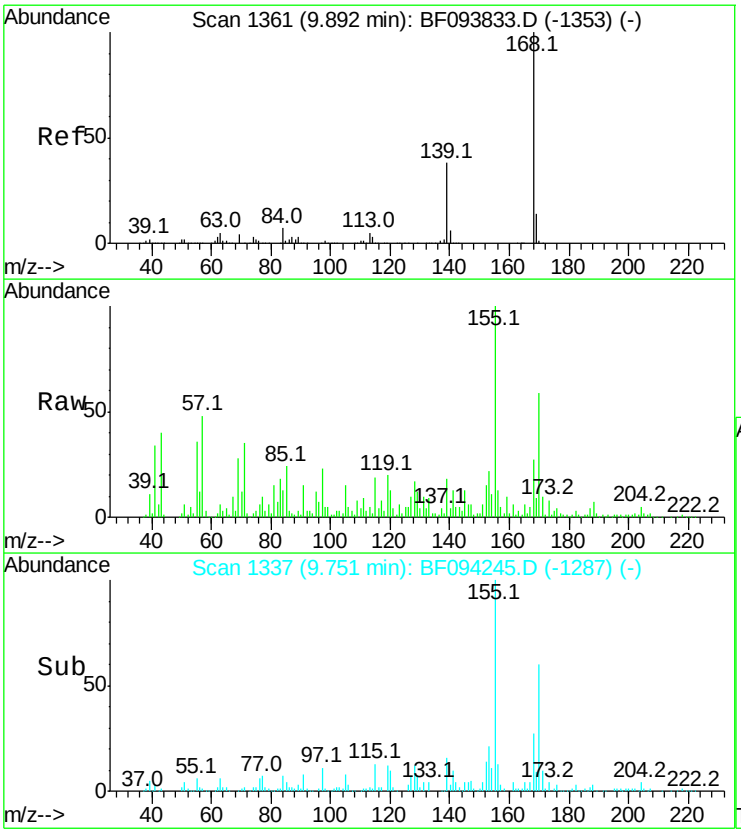
#53
2,4-Dinitrophenol
Concen: 4.87 ng
RT: 9.61 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion:184 Resp: 424

Ion	Ratio	Lower	Upper
184	100		
63	664.2	62.7	94.1#
154	461.3	81.1	121.7#

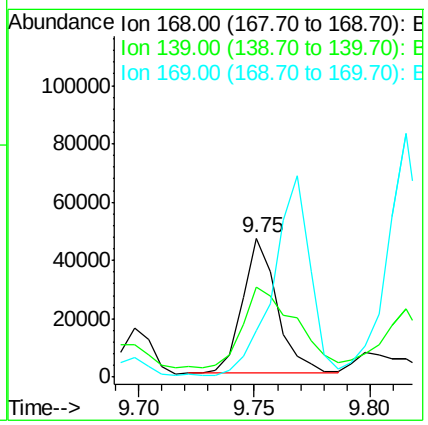


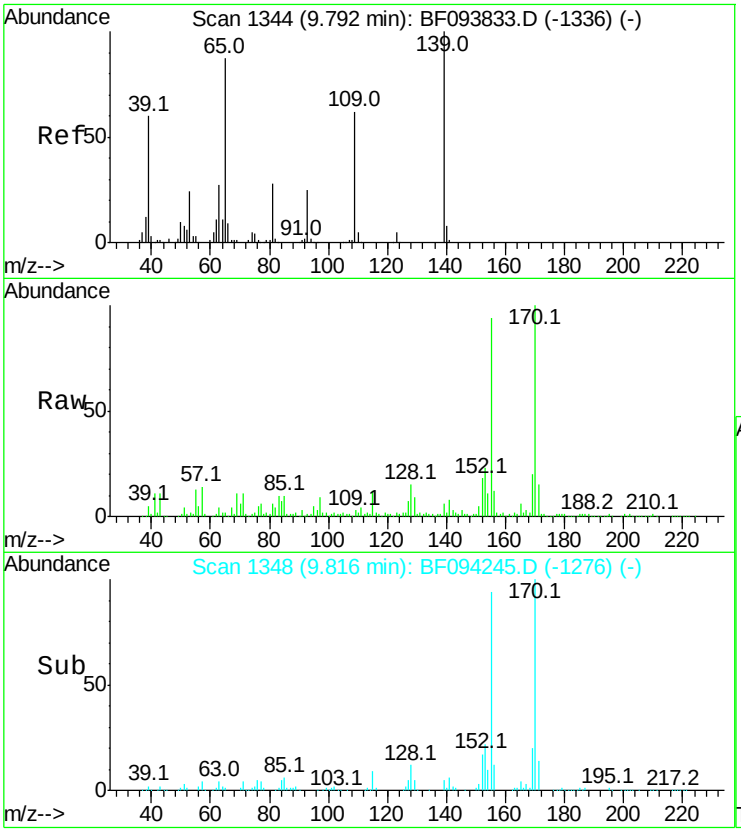


#54
Dibenzofuran
Concen: 2.63 ng
RT: 9.75 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:168 Resp: 49055

Ion	Ratio	Lower	Upper
168	100		
139	64.6	30.6	45.8#
169	33.4	10.8	16.2#



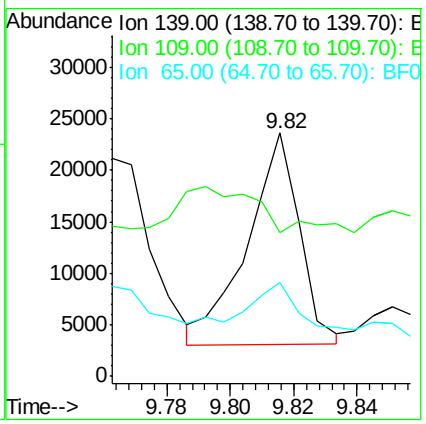


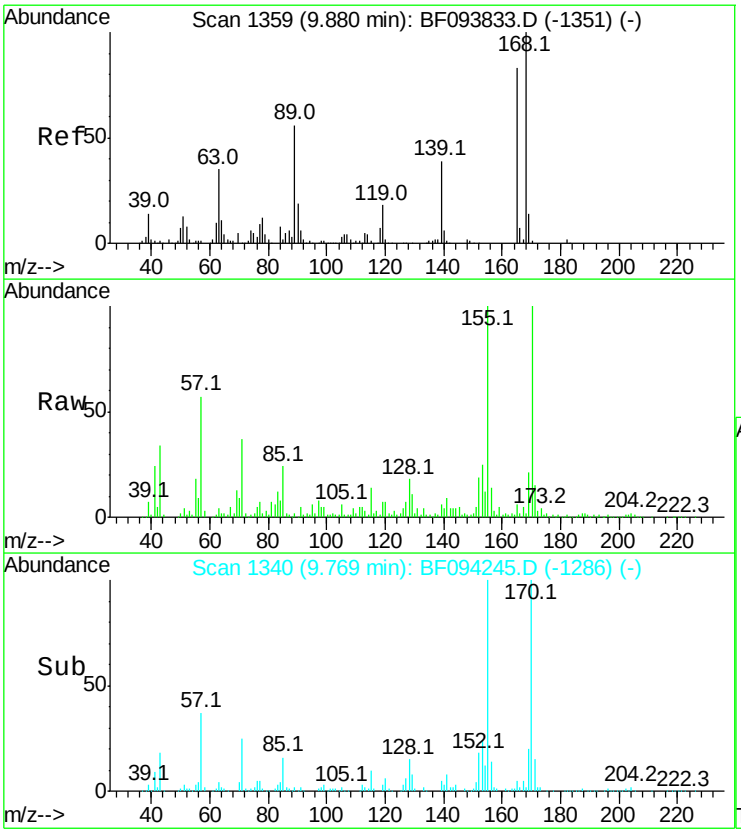
#55
4-Nitrophenol
Concen: 6.89 ng
RT: 9.82 min Scan# 1348
Delta R.T. 0.12 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion:139 Resp: 23121

Ion	Ratio	Lower	Upper
139	100		
109	59.2	34.1	74.1
65	38.6	31.4	71.4

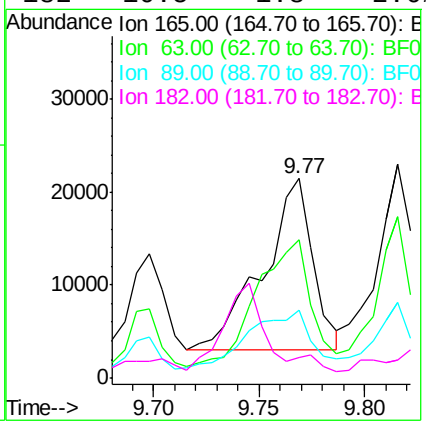


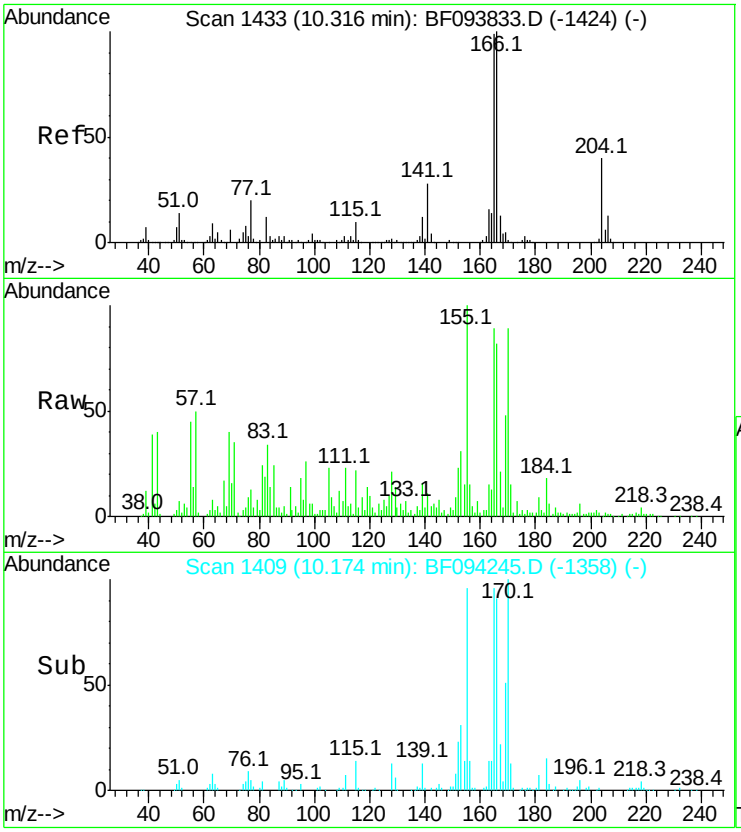


#56
2,4-Dinitrotoluene
Concen: 6.56 ng
RT: 9.77 min Scan# 1340
Delta R.T. 0.02 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:165 Resp: 30079

Ion	Ratio	Lower	Upper
165	100		
63	69.4	25.4	38.0#
89	33.8	46.4	69.6#
182	10.5	1.8	2.6#



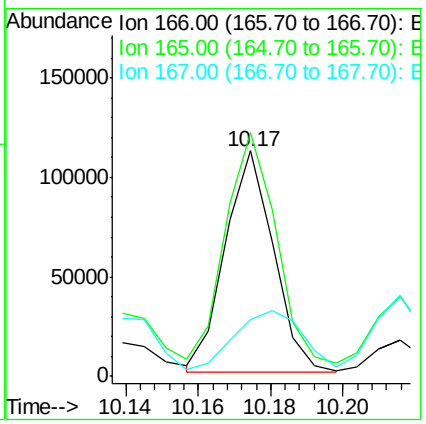


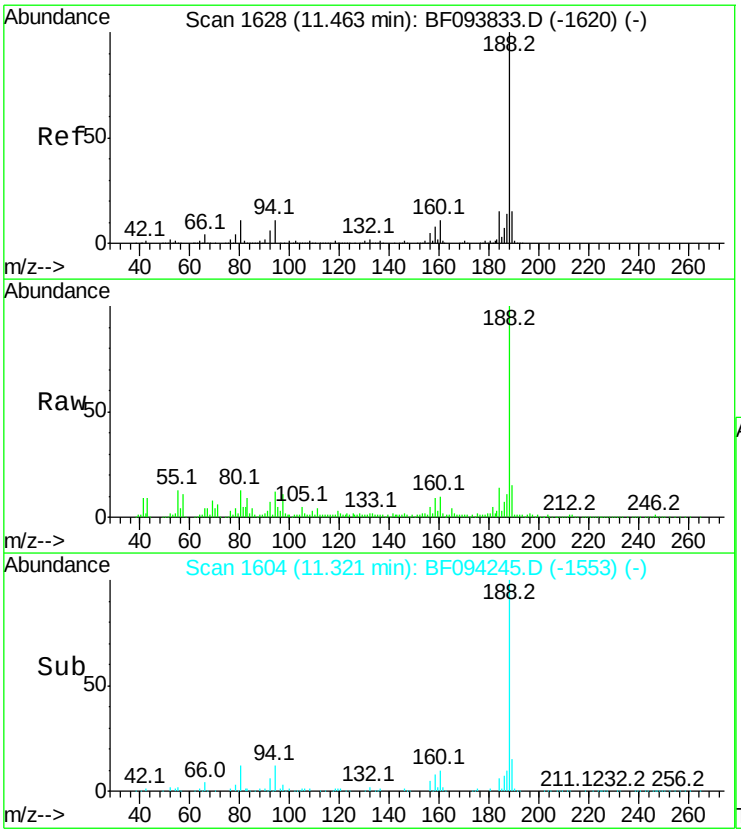
#57
Fluorene
Concen: 6.72 ng
RT: 10.17 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion:166 Resp: 104034

Ion	Ratio	Lower	Upper
166	100		
165	107.9	78.8	118.2
167	25.4	10.6	16.0#

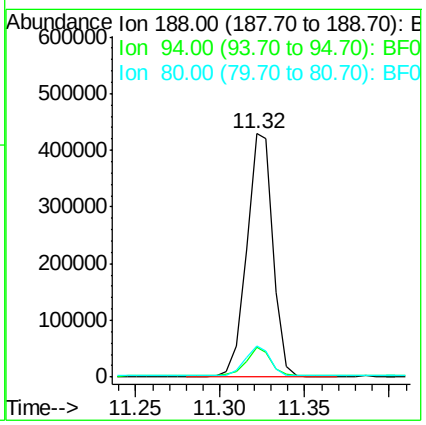


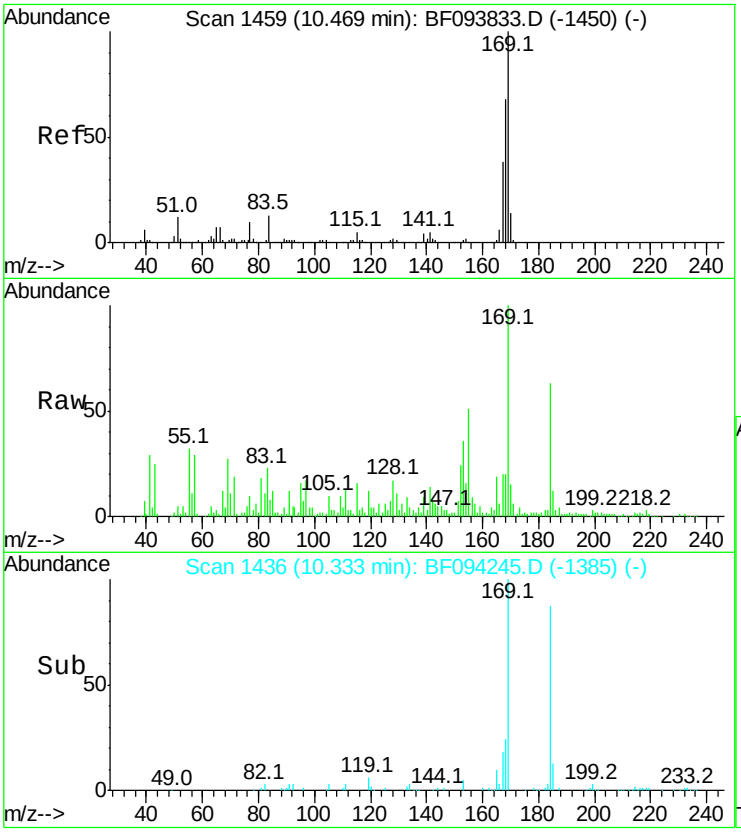


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 1604
Delta R.T. -0.00 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:188 Resp: 462465

Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.9	10.2	15.2



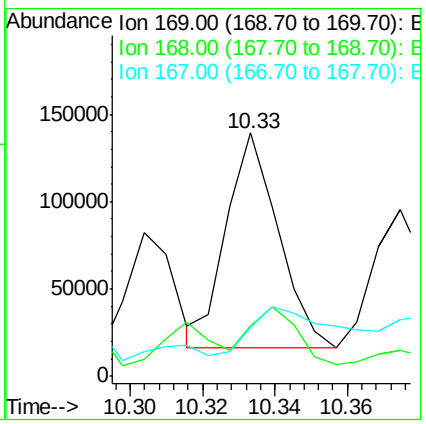


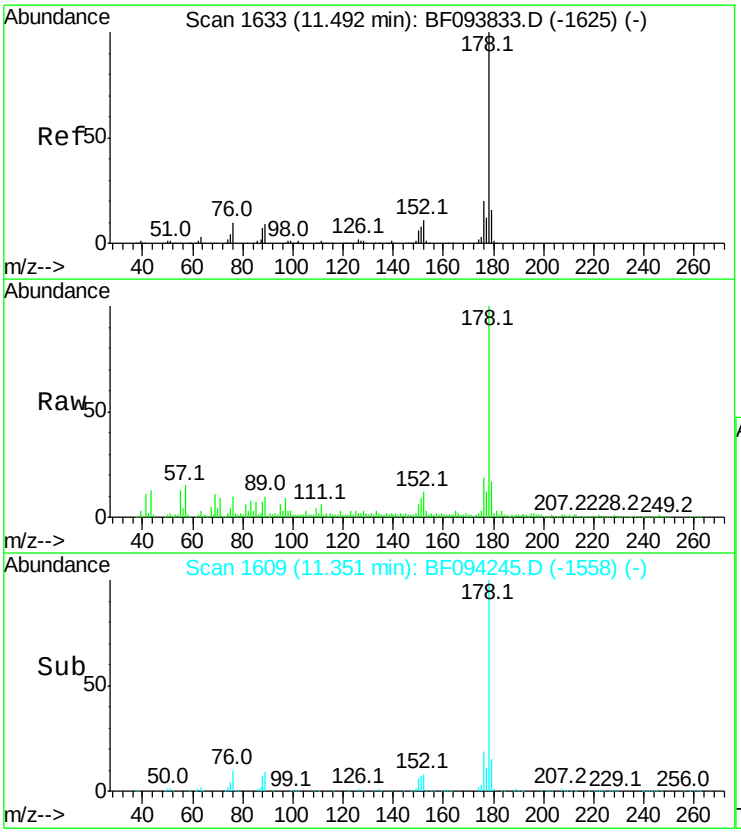
#65
n-Nitrosodiphenylamine
Concen: 7.69 ng
RT: 10.33 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion:169 Resp: 122923

Ion	Ratio	Lower	Upper
169	100		
168	20.4	53.2	79.8#
167	20.1	29.5	44.3#

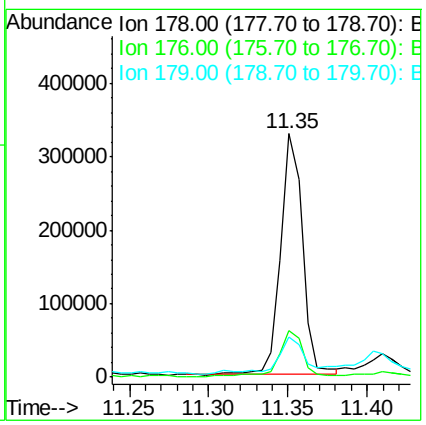


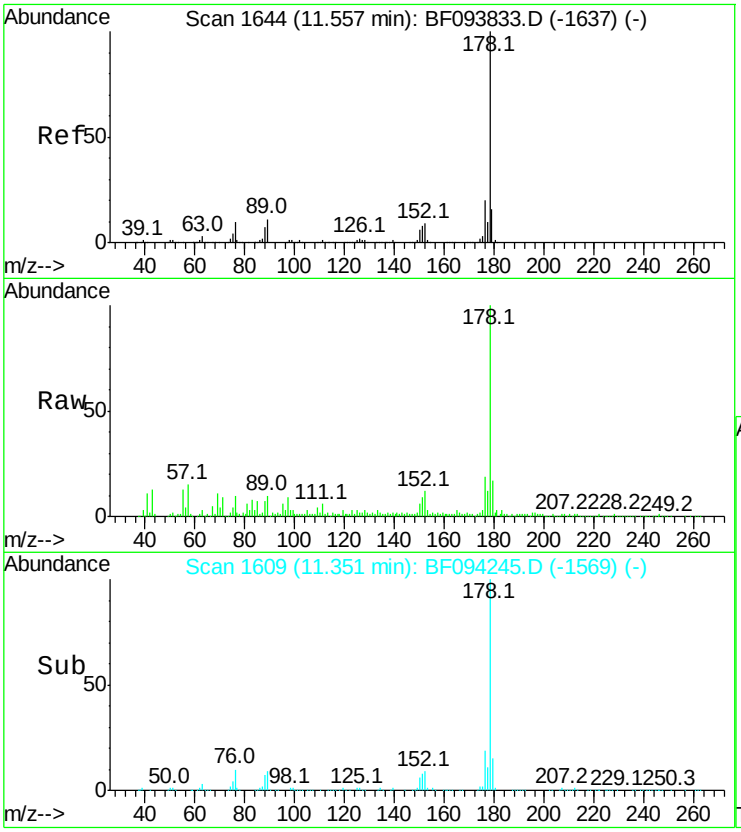


#70
Phenanthrene
Concen: 12.23 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.00 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:178 Resp: 314658

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.4
179	16.6	12.6	19.0



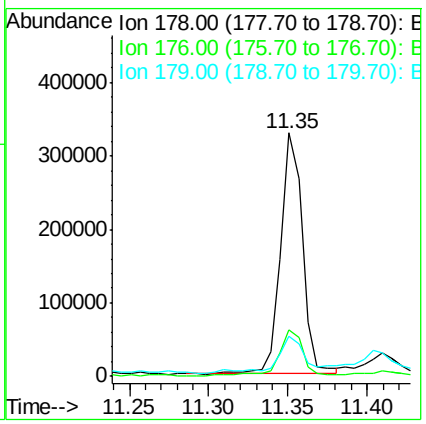


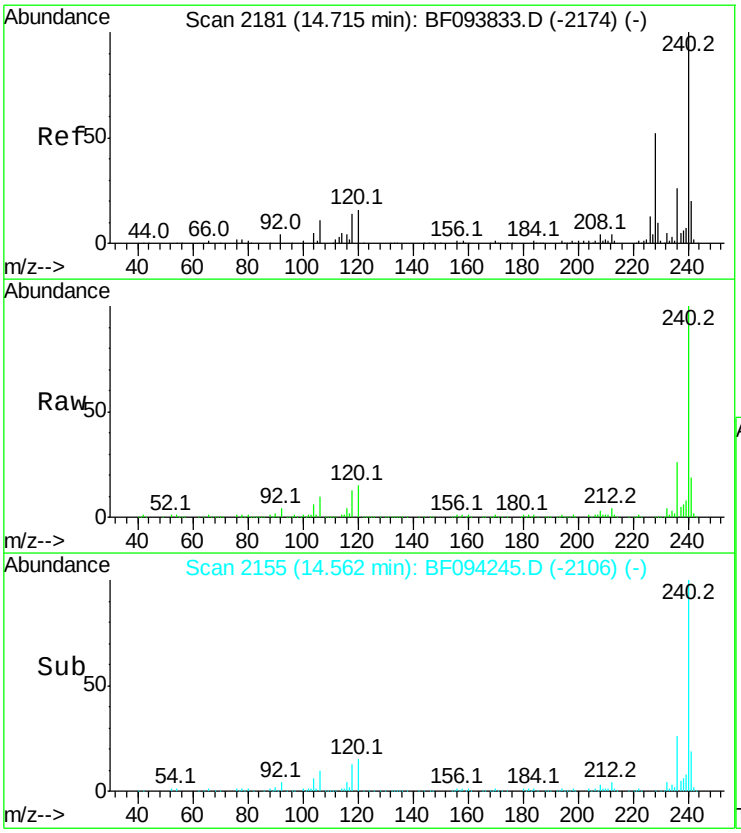
#71
Anthracene
Concen: 11.88 ng
RT: 11.35 min Scan# 1609
Delta R.T. -0.06 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion:178 Resp: 314658

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	16.6	12.7	19.1

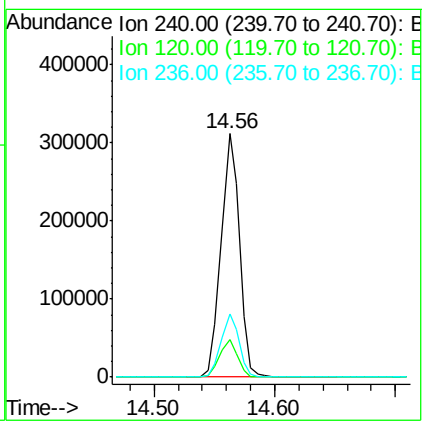


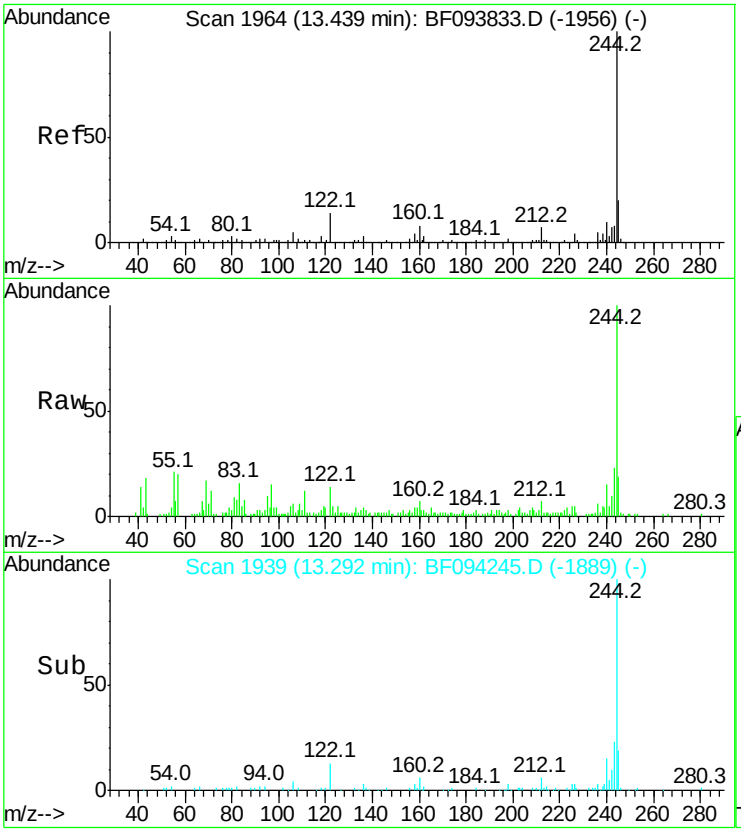


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:240 Resp: 328876

Ion	Ratio	Lower	Upper
240	100		
120	15.4	5.8	8.8#
236	26.0	20.5	30.7



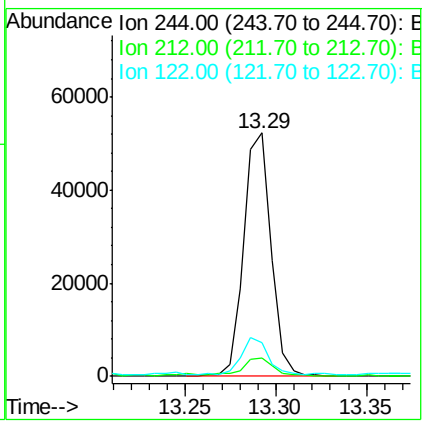


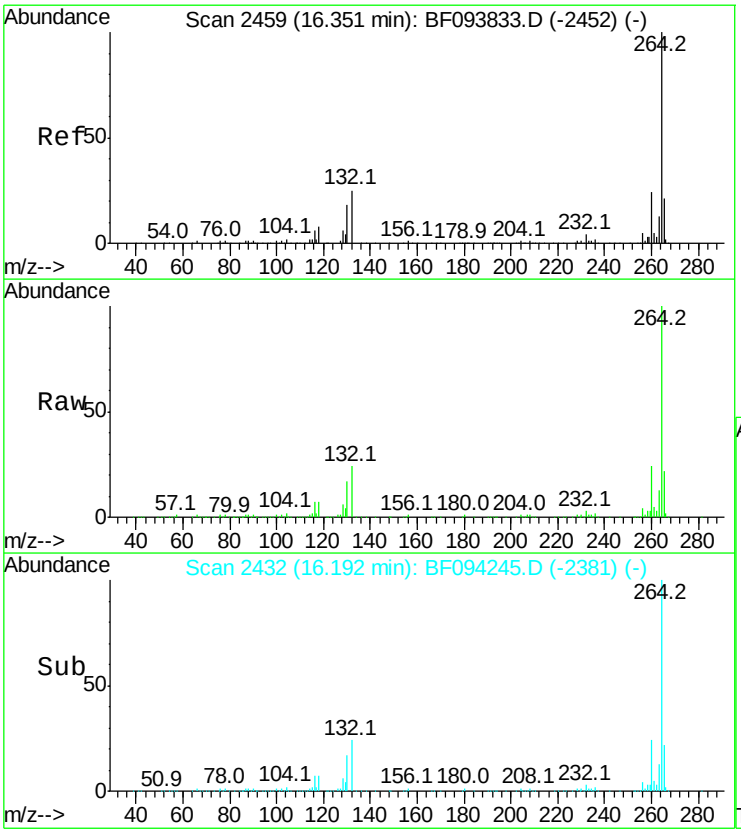
#78
Terphenyl-d14
Concen: 3.72 ng
RT: 13.29 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Instrument :
BNA_F
ClientSampleId :
UST-1B

Tgt Ion:244 Resp: 54638

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	13.6	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BF094245.D
Acq: 7 Apr 2017 1:25

Tgt Ion:264 Resp: 261832

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.5	17.2	25.8