Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
Data File : BF094671.D
Acq On : 27 Apr 2017 18:46
Operator : SJ/MA
Sample : I2855-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Apr 28 02:20:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	108913	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	412041	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	206458	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	360232	20.00	ng		0.00
75) Chrysene-d12	14.47	240	282082	20.00	ng		0.00
86) Perylene-d12	16.09	264	212026	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	605509	92.24	ng		0.03
7) Phenol-d6	5.40	99	419124	54.16	ng		0.00
23) Nitrobenzene-d5	6.42	82	590076	88.43	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	187919	116.37	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1151316	82.05	ng		0.00
78) Terphenyl-d14	13.20	244	982753	93.12	ng		0.00
Target Compounds							Qvalue
10) Phenol	5.42	94	36788	3.87	ng		91
15) Benzyl Alcohol	5.97	79	176618	30.76	ng		97
17) 2-Methylphenol	5.97	107	97974	16.65	ng	#	22
19) n-Nitroso-di-n-propylamine	6.27	70	14290	2.79	ng	#	78
20) 3+4-Methylphenols	6.28	107	50824	6.36	ng	#	56
24) Nitrobenzene	6.32	77	150964	21.48	ng	#	44
50) 2,6-Dinitrotoluene	9.40	165	26564	7.69	ng	#	34
53) 2,4-Dinitrophenol	9.34	184	229	5.87	ng	#	4
56) 2,4-Dinitrotoluene	9.40	165	26563	6.27	ng	#	34

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

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Data Path : Z:\HPCHEM1\BNA F\DATA\BF042717\
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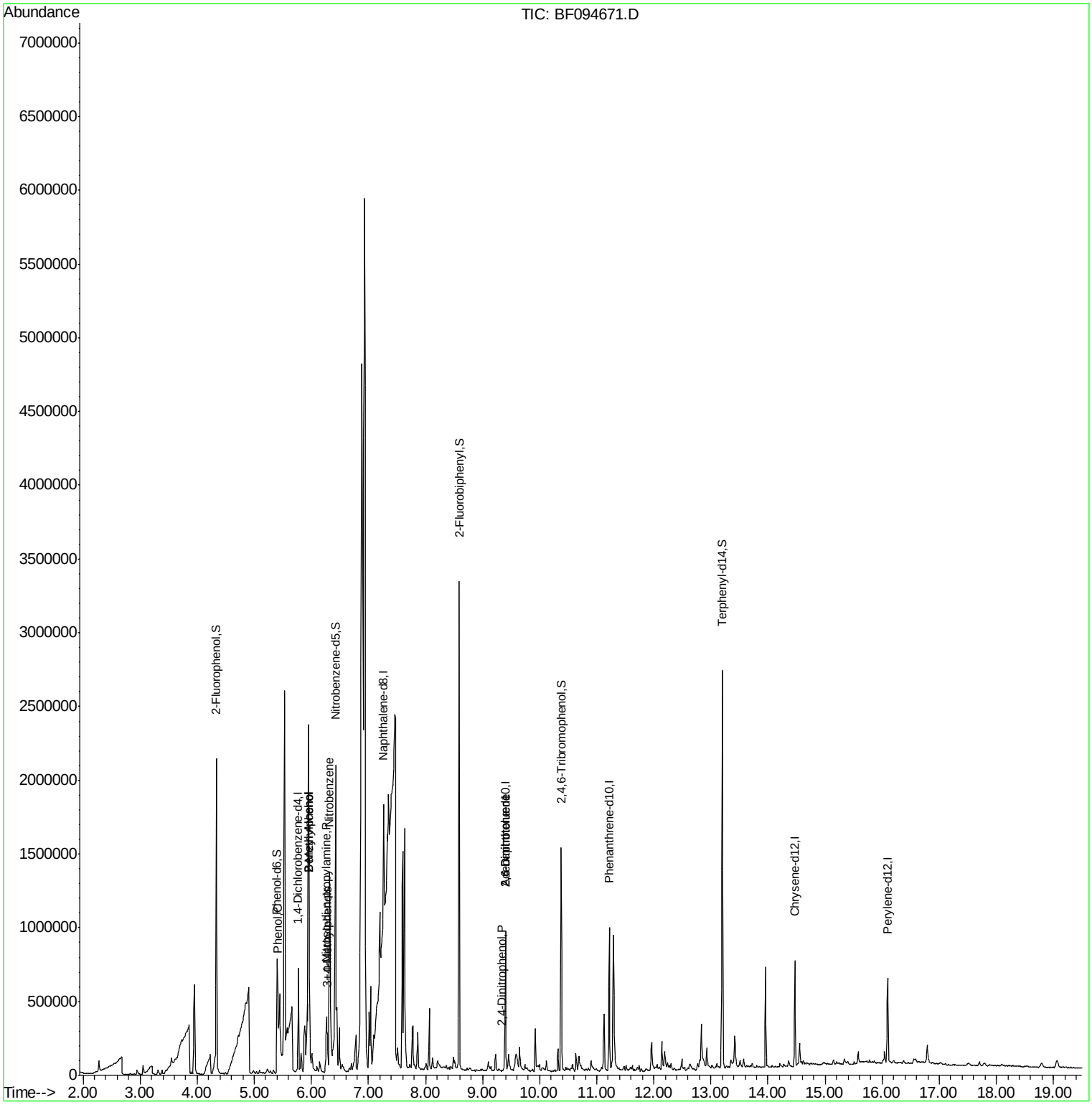
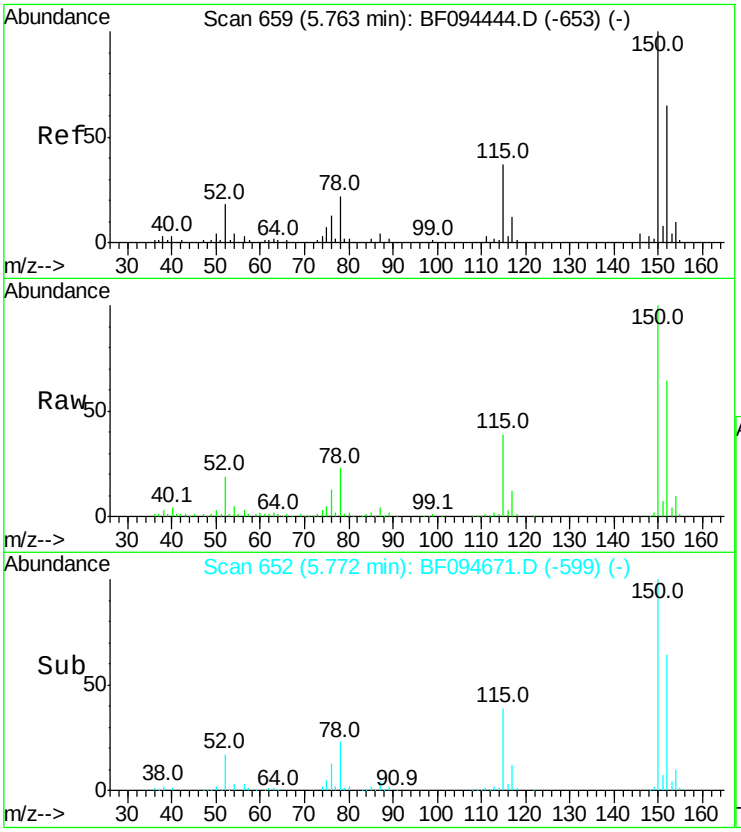


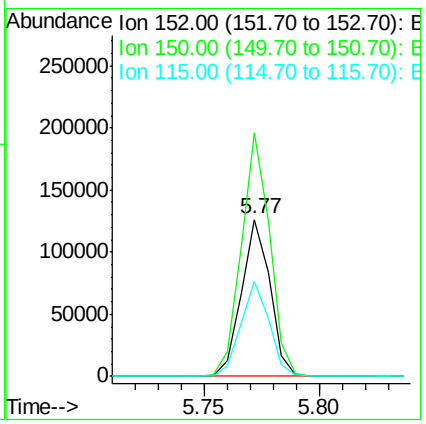


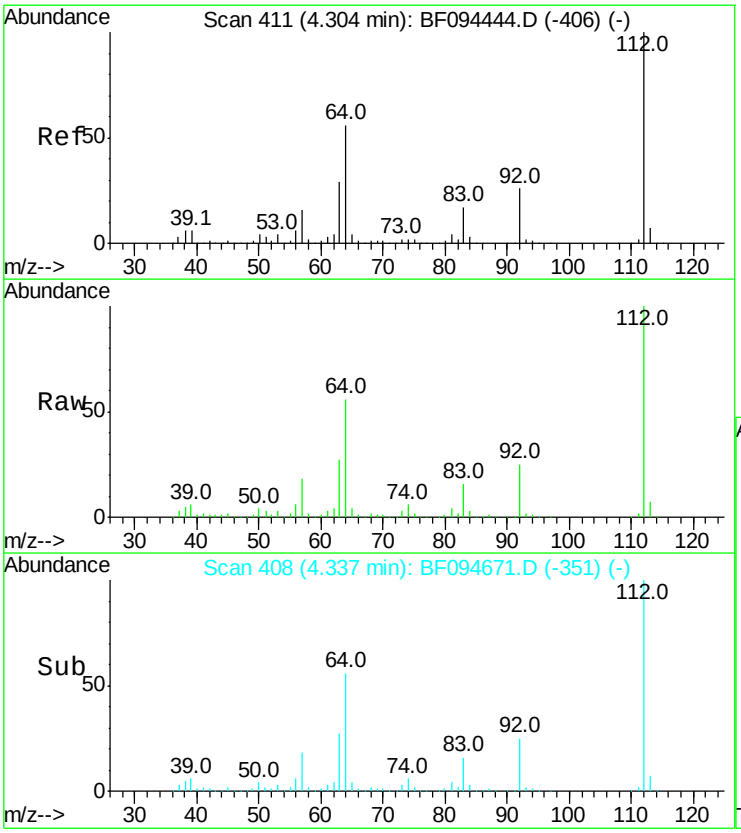
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 108913

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.2
115	60.5	52.2	78.2

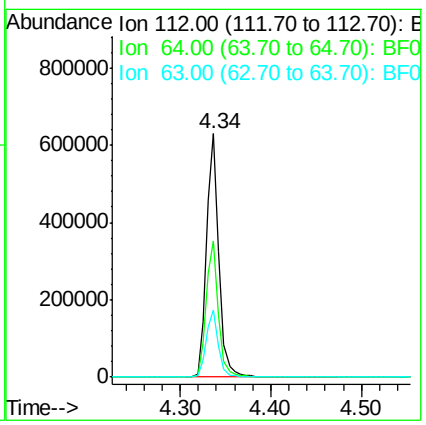


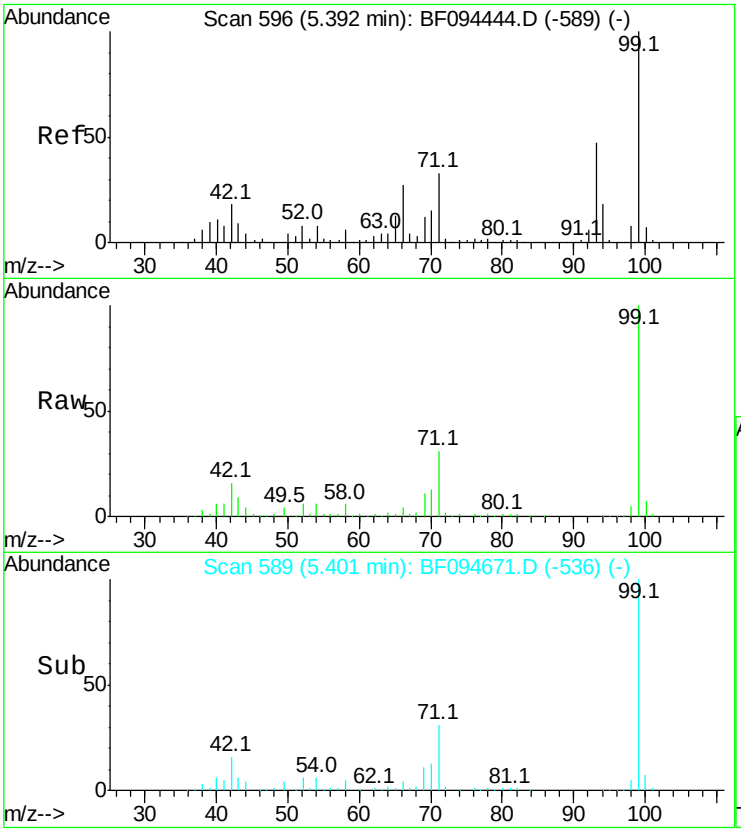


#5
2-Fluorophenol
Concen: 92.24 ng
RT: 4.34 min Scan# 408
Delta R.T. 0.03 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Tgt Ion:112 Resp: 605509

Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.0	69.0
63	27.4	23.4	35.0



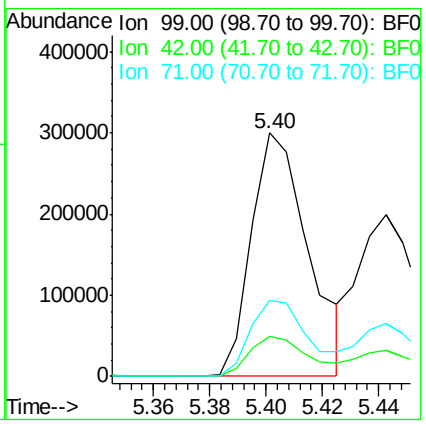


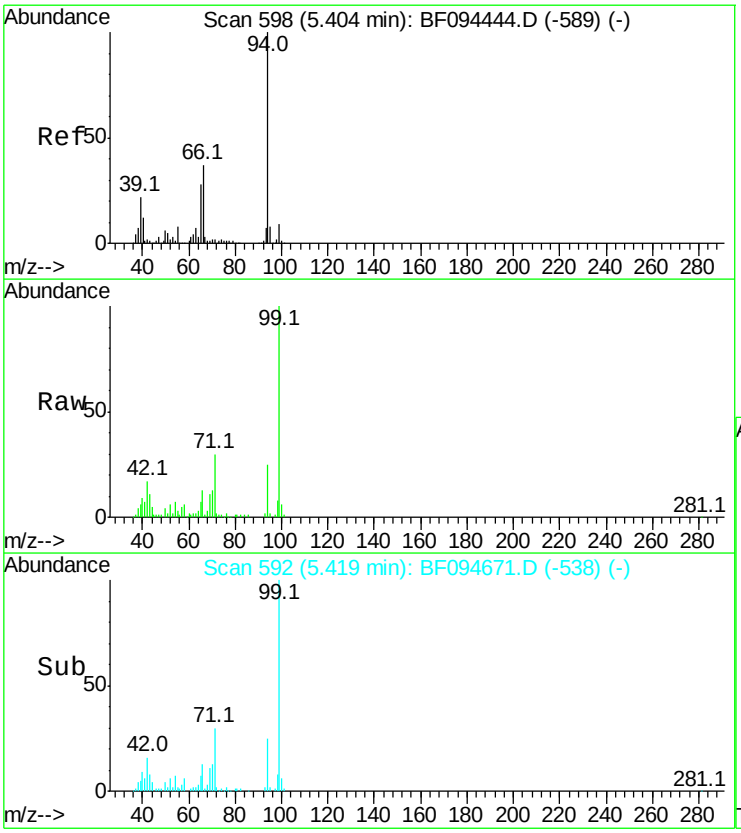
#7
Phenol-d6
Concen: 54.16 ng
RT: 5.40 min Scan# 589
Delta R.T. 0.01 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 419124

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	31.3	24.5	36.7

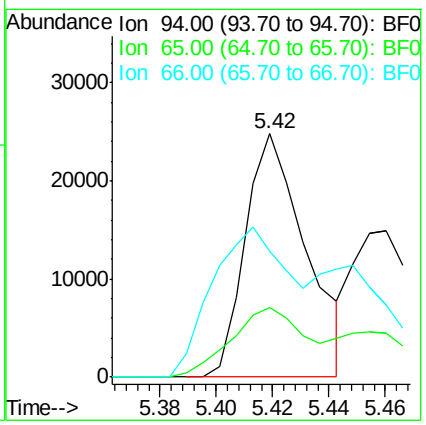


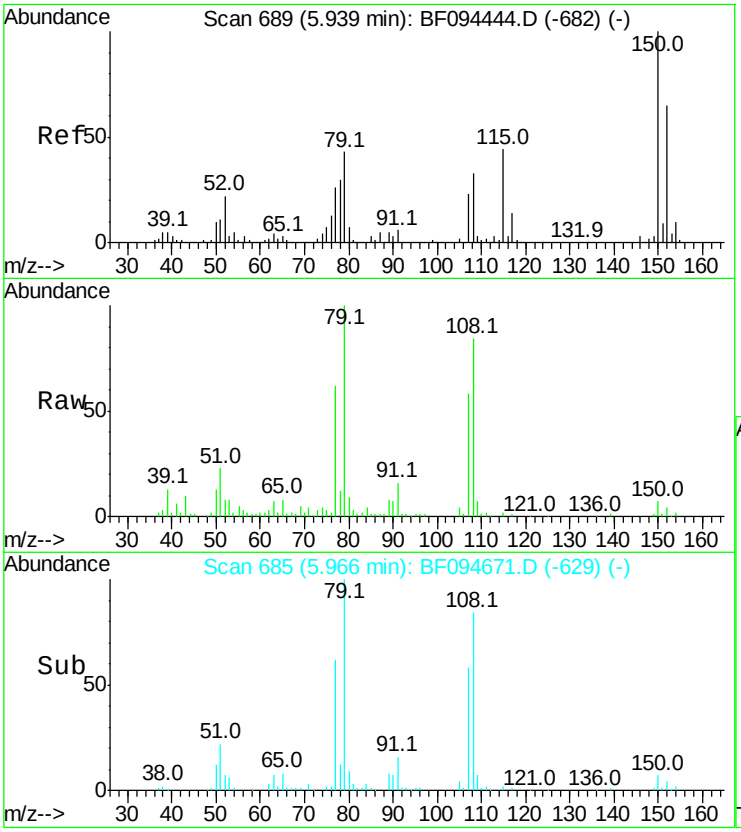


#10
Phenol
Concen: 3.87 ng
RT: 5.42 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Tgt Ion: 94 Resp: 36788

Ion	Ratio	Lower	Upper
94	100		
65	28.5	9.9	49.9
66	51.9	23.1	63.1



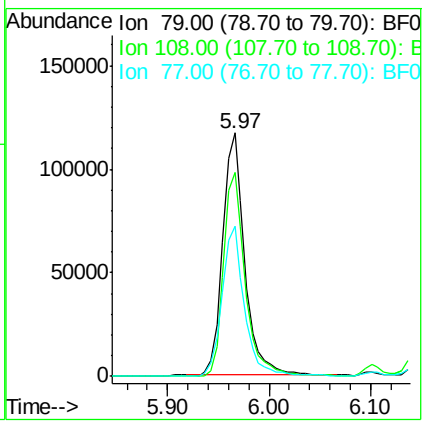


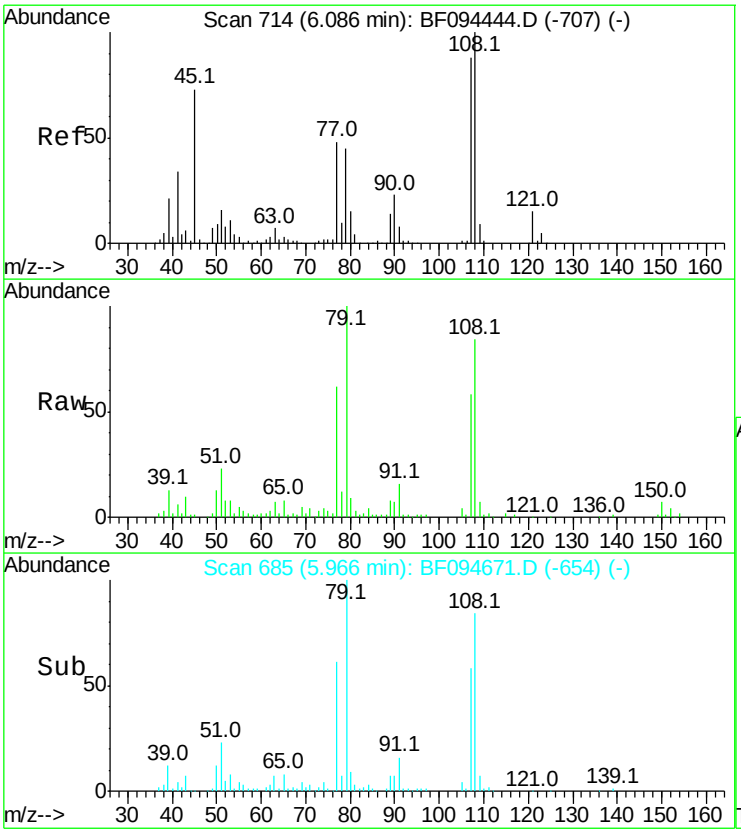
#15
Benzyl Alcohol
Concen: 30.76 ng
RT: 5.97 min Scan# 685
Delta R.T. 0.03 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 79 Resp: 176618

Ion	Ratio	Lower	Upper
79	100		
108	83.8	63.4	95.0
77	61.6	49.2	73.8

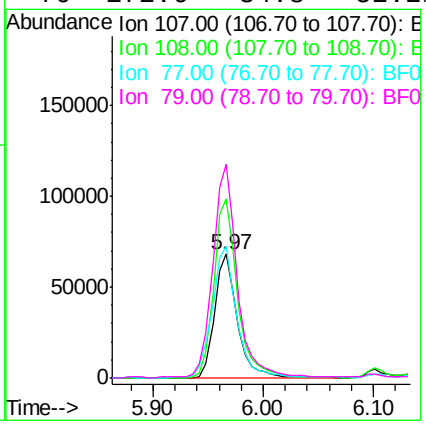


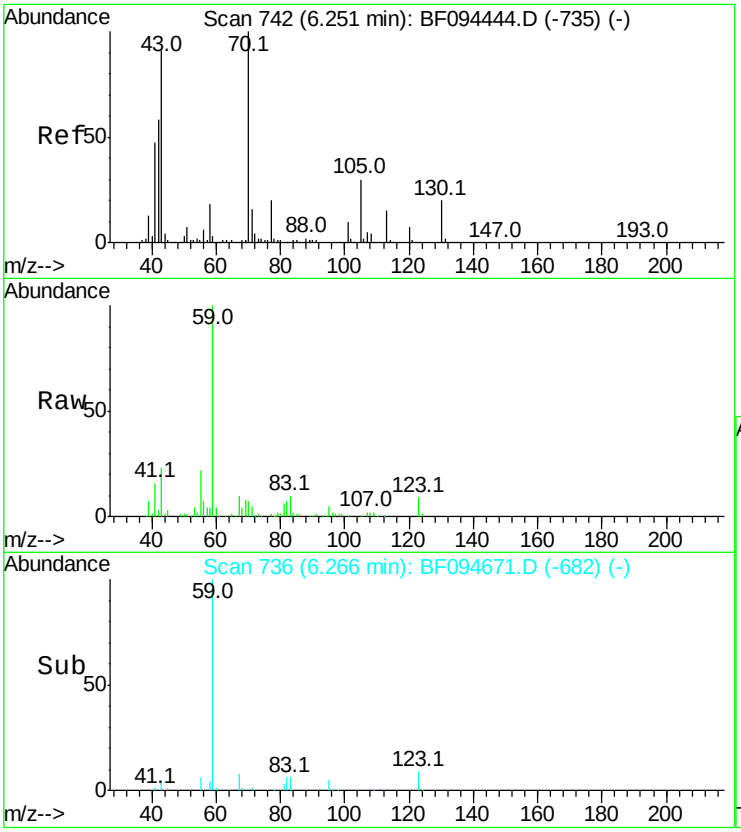


#17
2-Methylphenol
Concen: 16.65 ng
RT: 5.97 min Scan# 685
Delta R.T. -0.12 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Tgt Ion:107 Resp: 97974

Ion	Ratio	Lower	Upper
107	100		
108	144.7	93.4	140.0#
77	106.3	35.8	53.6#
79	172.6	34.8	52.2#



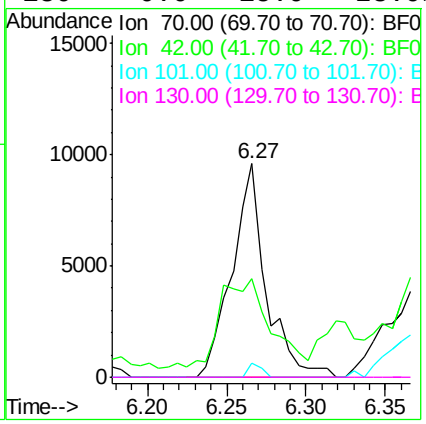


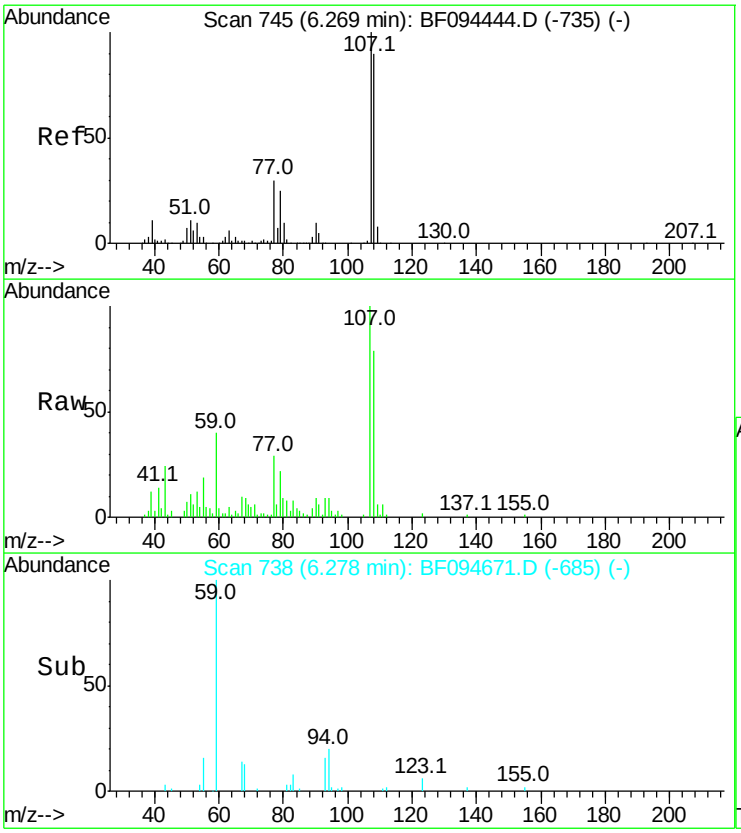
#19
n-Nitroso-di-n-propylamine
Concen: 2.79 ng
RT: 6.27 min Scan# 736
Delta R.T. 0.01 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 70 Resp: 14290

Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.2	70.8#
101	6.3	7.2	10.8#
130	0.0	15.9	23.9#

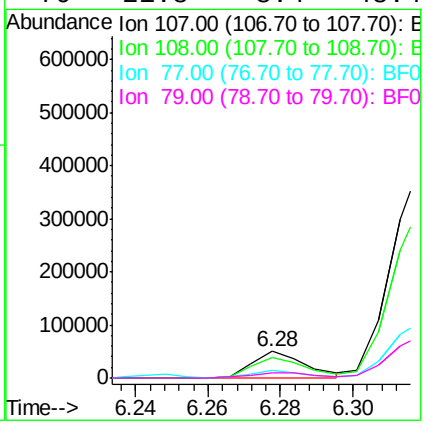


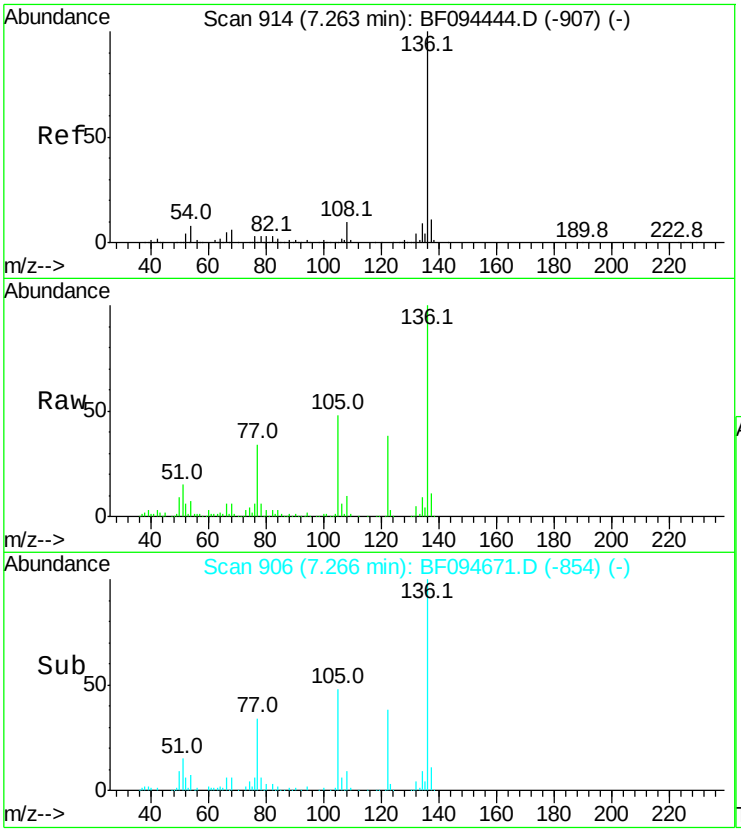


#20
3+4-Methylphenols
Concen: 6.36 ng
RT: 6.28 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Tgt Ion:107 Resp: 50824

Ion	Ratio	Lower	Upper
107	100		
108	79.3	71.0	111.0
77	28.6	90.5	130.5#
79	21.8	8.4	48.4



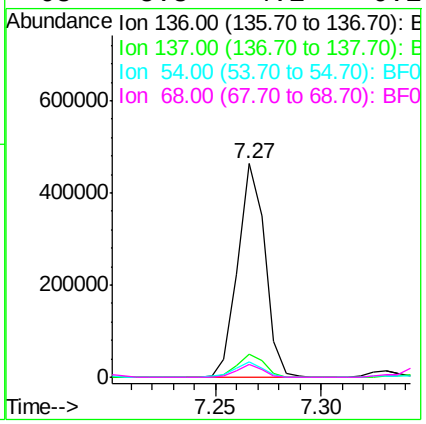


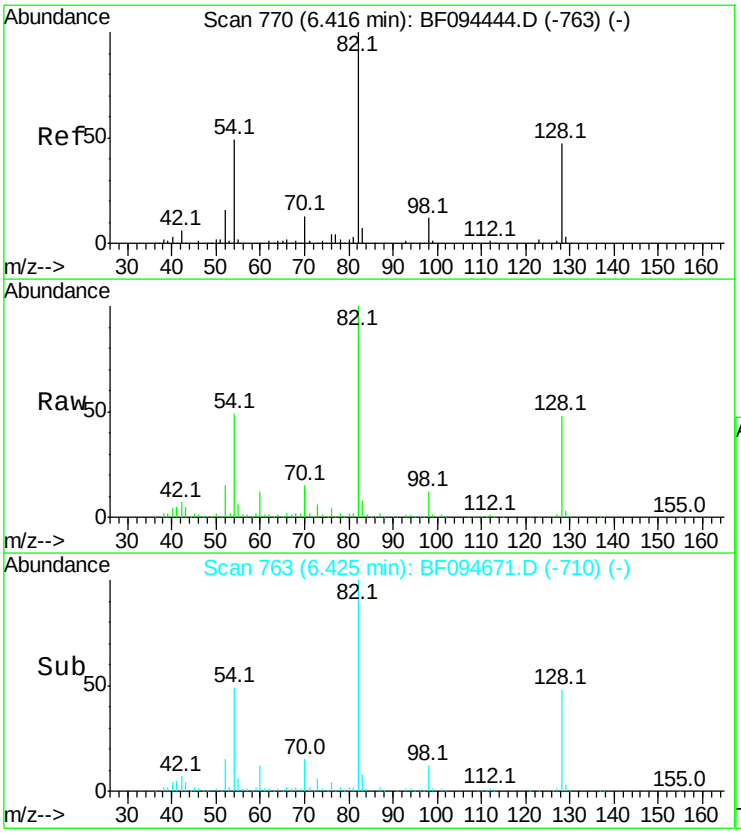
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.27 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 412041

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.3	4.9	7.3
68	5.8	4.1	6.1

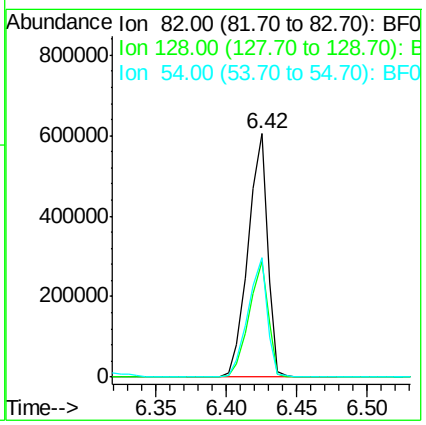


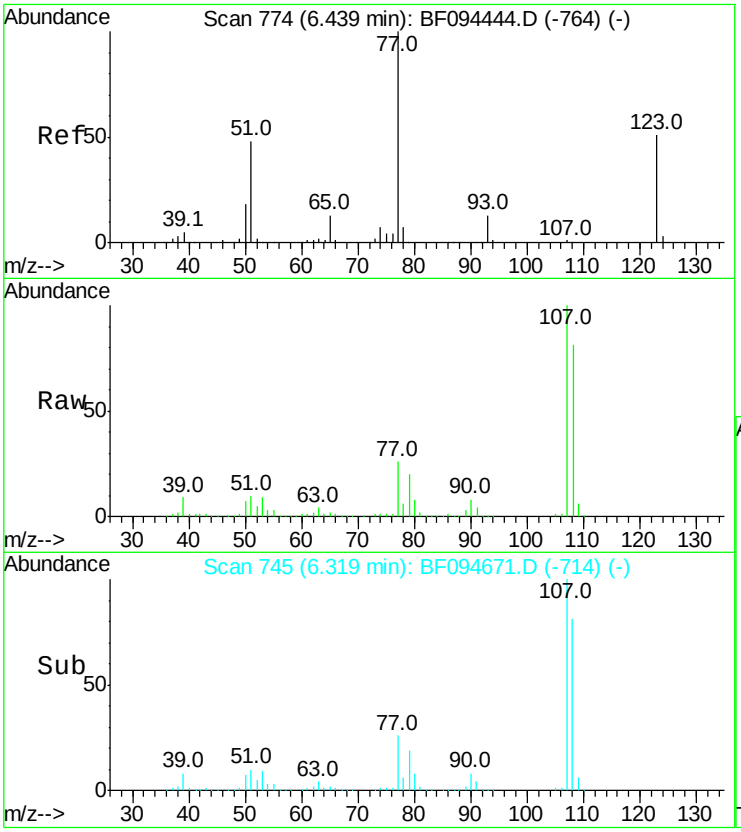


#23
Nitrobenzene-d5
Concen: 88.43 ng
RT: 6.42 min Scan# 763
Delta R.T. 0.01 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Tgt Ion: 82 Resp: 590076

Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.0	51.0
54	48.9	42.2	63.2



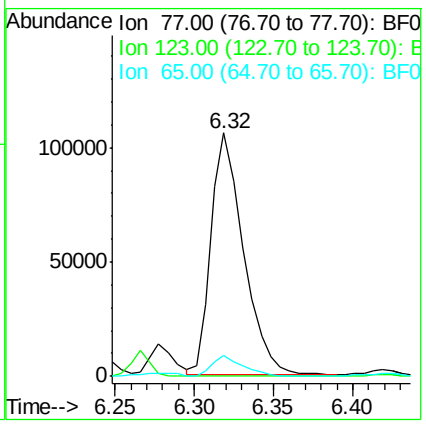


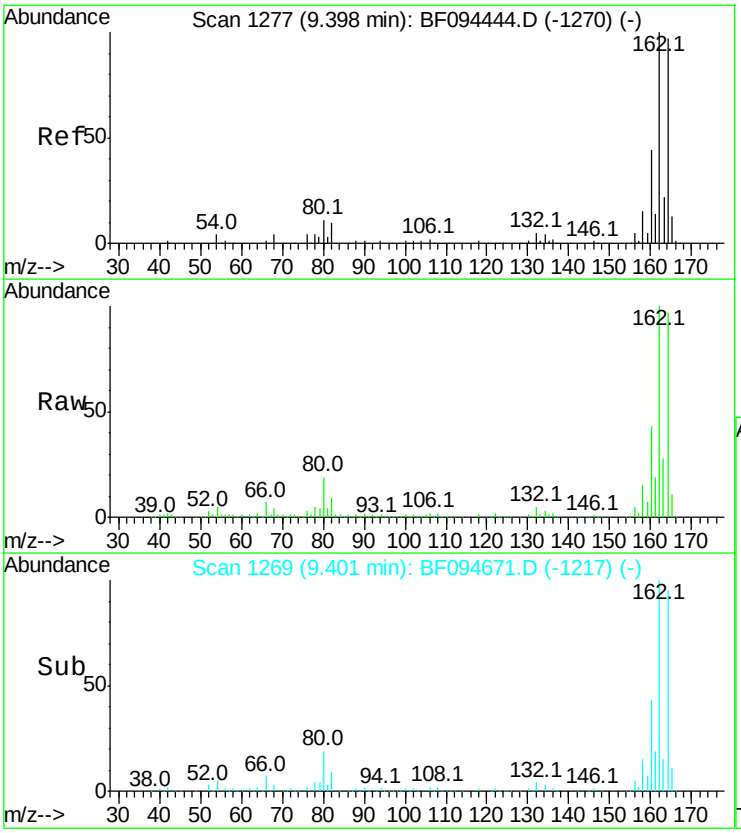
#24
Nitrobenzene
Concen: 21.48 ng
RT: 6.32 min Scan# 745
Delta R.T. -0.12 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 77 Resp: 150964

Ion	Ratio	Lower	Upper
77	100		
123	0.0	35.8	53.8#
65	8.3	10.6	15.8#

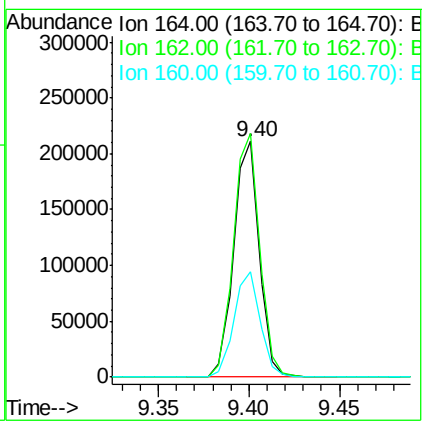


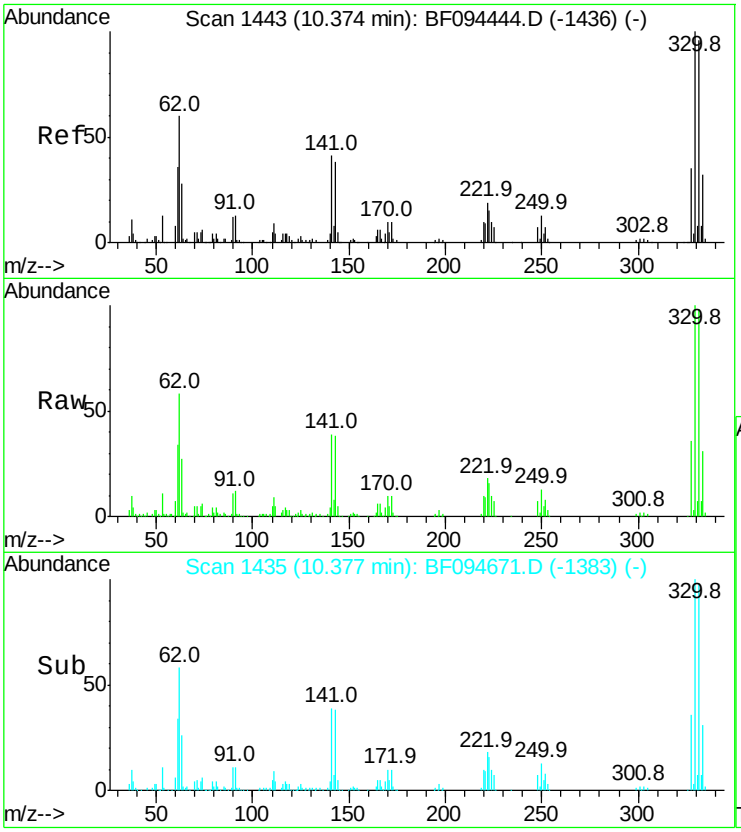


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.40 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Tgt Ion:164 Resp: 206458

Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	44.6	36.2	54.2



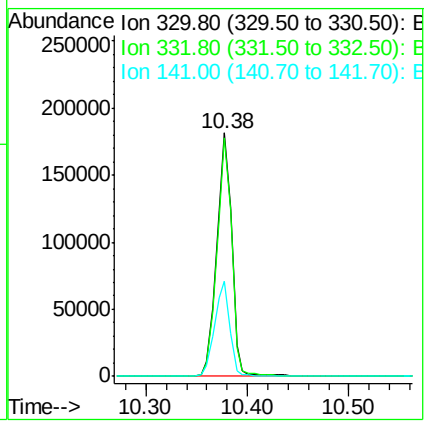


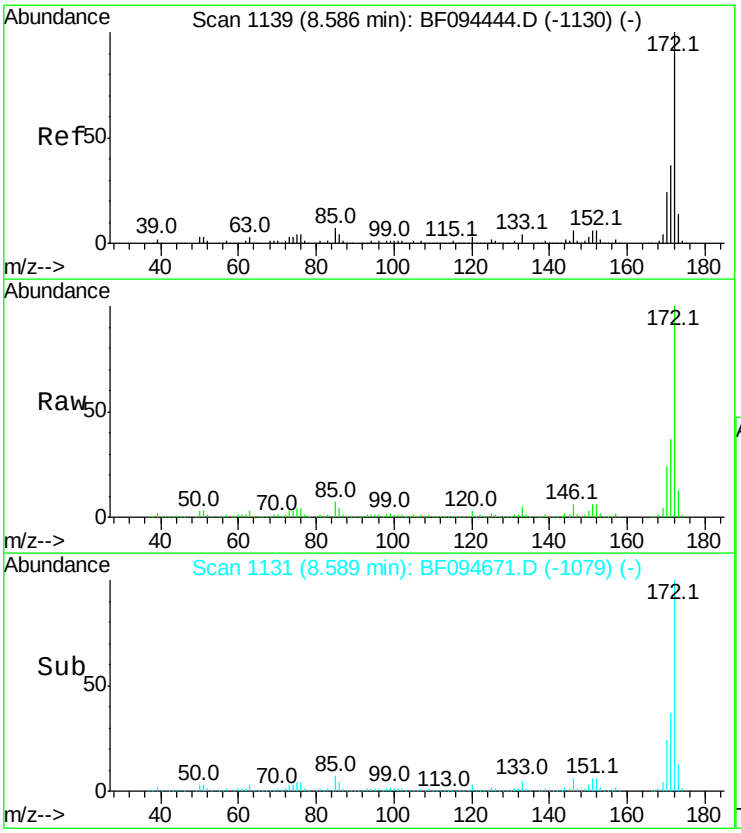
#41
2,4,6-Tribromophenol
Concen: 116.37 ng
RT: 10.38 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 187919

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	39.5	31.4	47.2

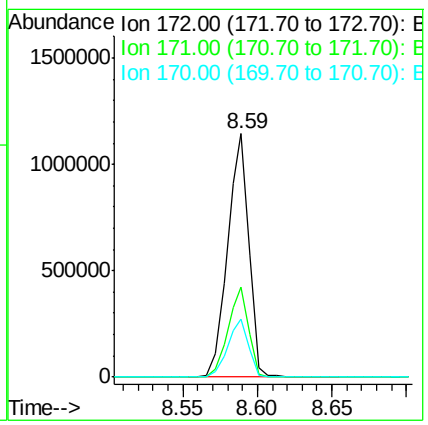


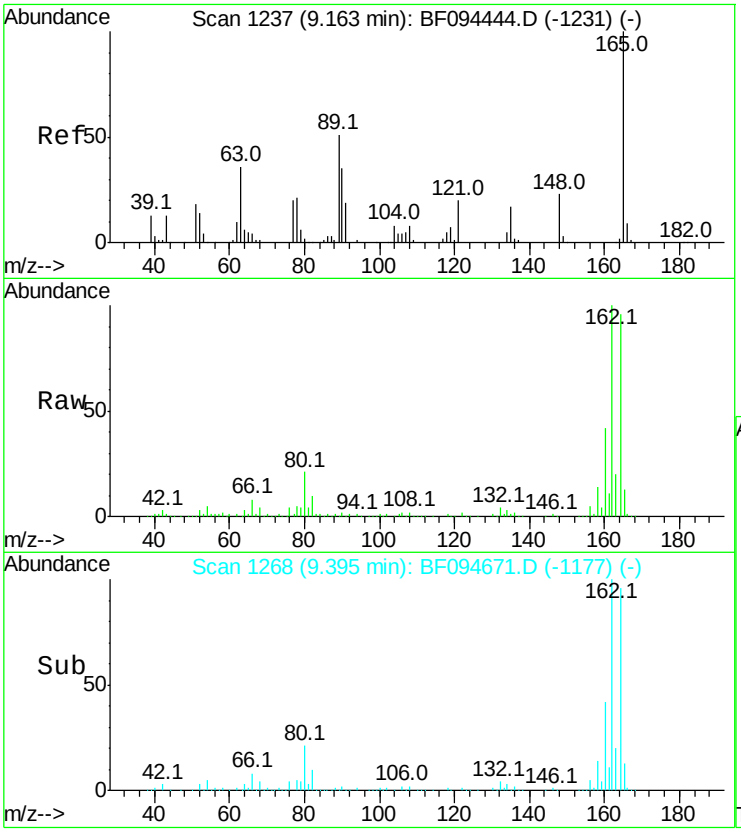


#44
2-Fluorobiphenyl
Concen: 82.05 ng
RT: 8.59 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Tgt Ion:172 Resp: 1151316

Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	23.9	19.8	29.8



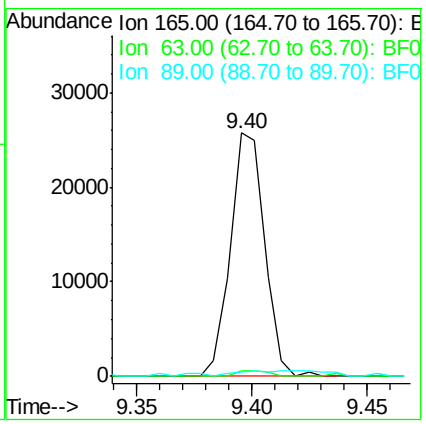


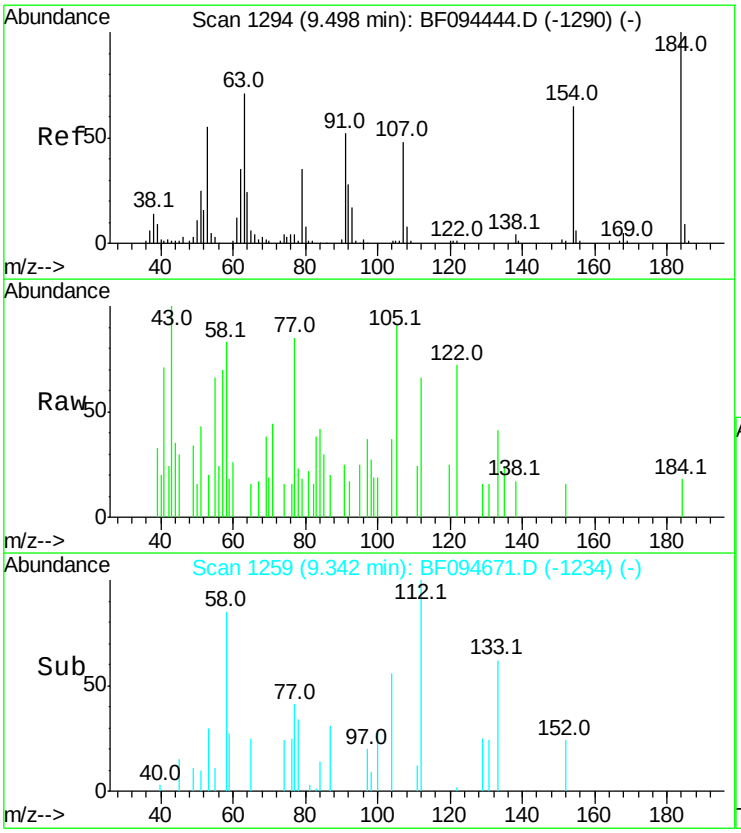
#50
2,6-Dinitrotoluene
Concen: 7.69 ng
RT: 9.40 min Scan# 1268
Delta R.T. 0.23 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26564

Ion	Ratio	Lower	Upper
165	100		
63	2.2	34.3	51.5#
89	1.7	37.1	55.7#

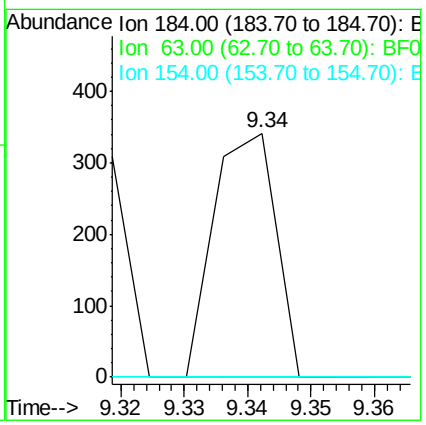


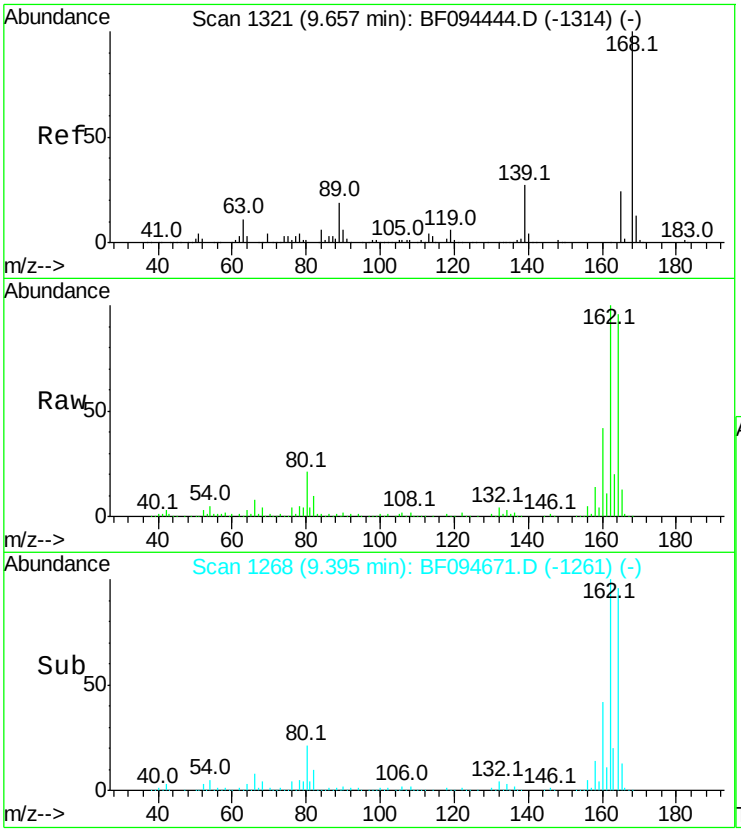


#53
2,4-Dinitrophenol
Concen: 5.87 ng
RT: 9.34 min Scan# 1259
Delta R.T. -0.16 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Tgt Ion:184 Resp: 229

Ion	Ratio	Lower	Upper
184	100		
63	0.0	62.7	94.1#
154	0.0	81.1	121.7#



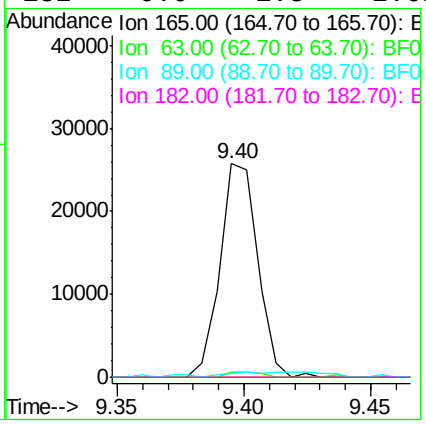


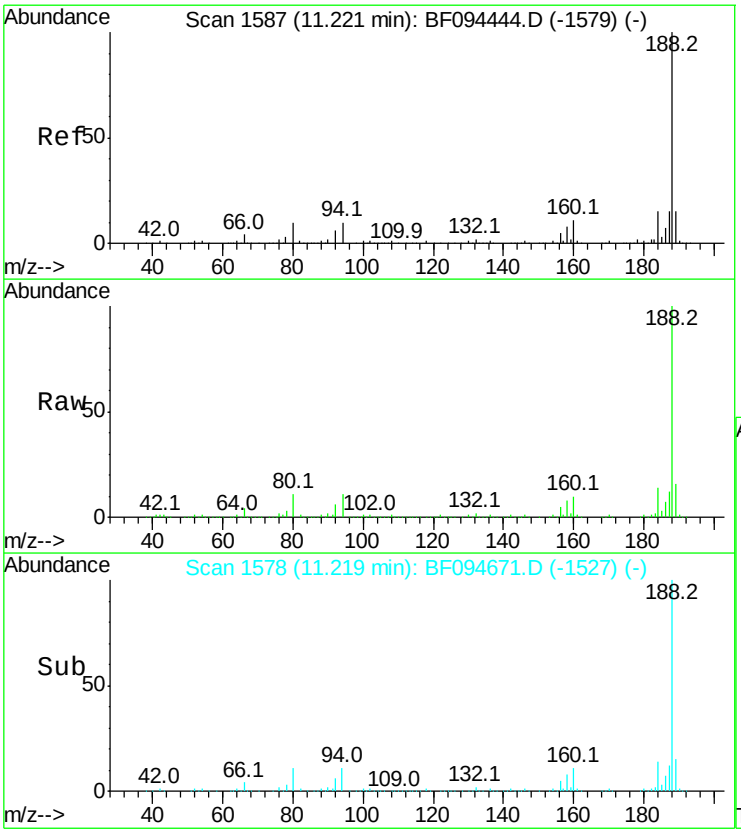
#56
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.26 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 26563

Ion	Ratio	Lower	Upper
165	100		
63	2.2	25.4	38.0#
89	1.7	46.4	69.6#
182	0.0	1.8	2.6#

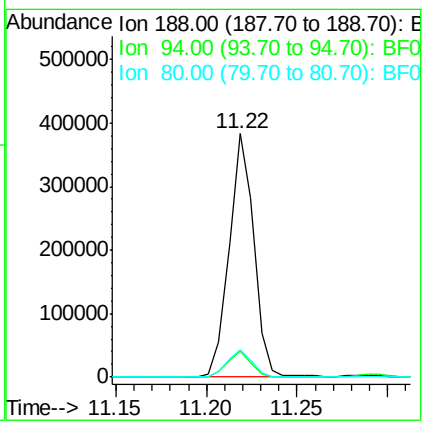


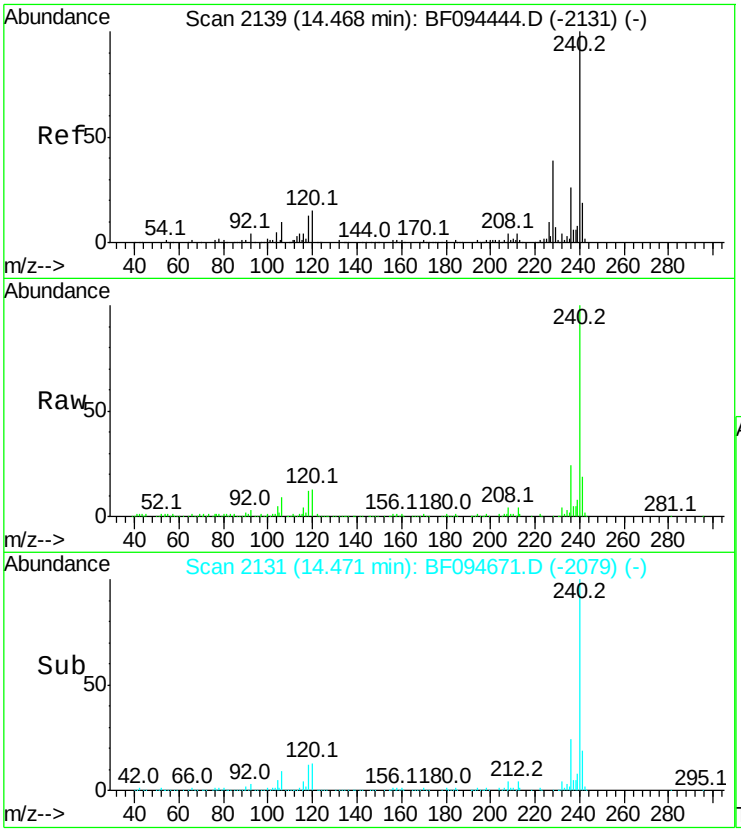


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Tgt Ion:188 Resp: 360232

Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.0	10.2	15.2



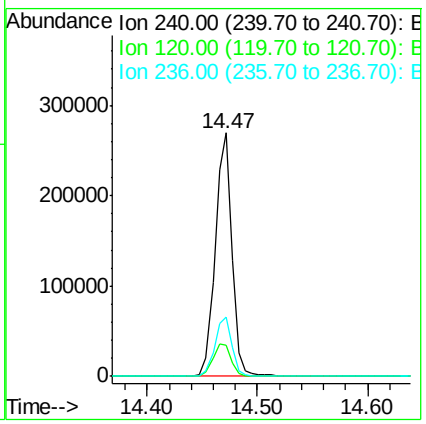


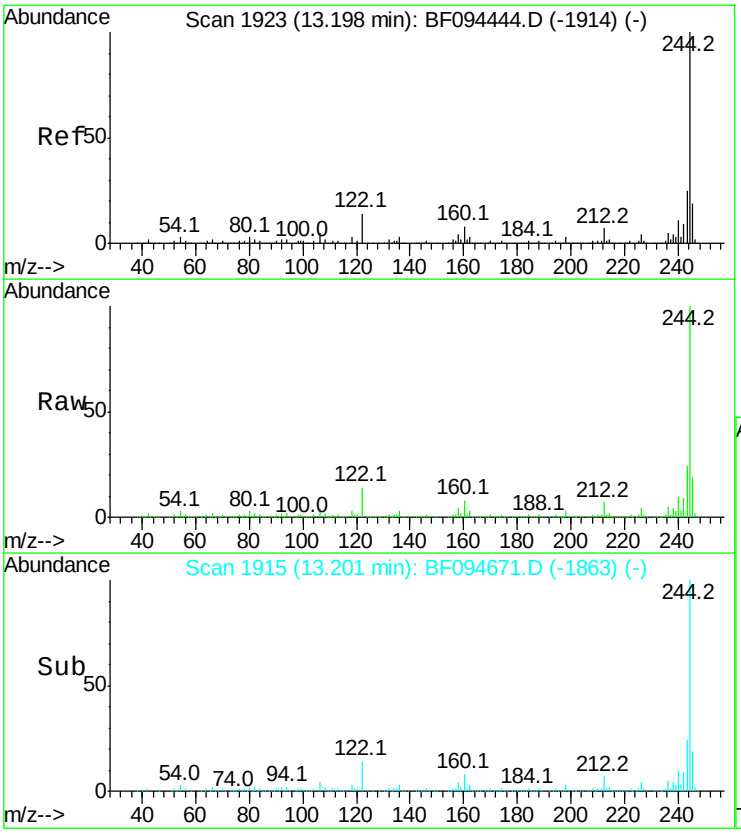
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 282082

Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	24.5	20.5	30.7

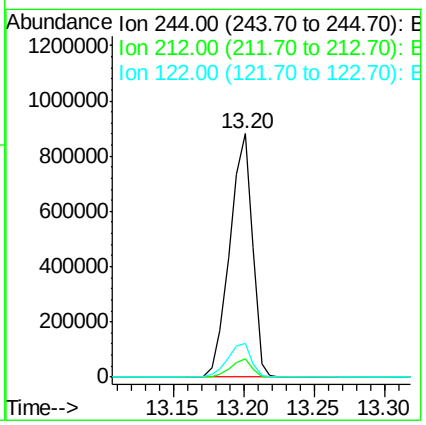


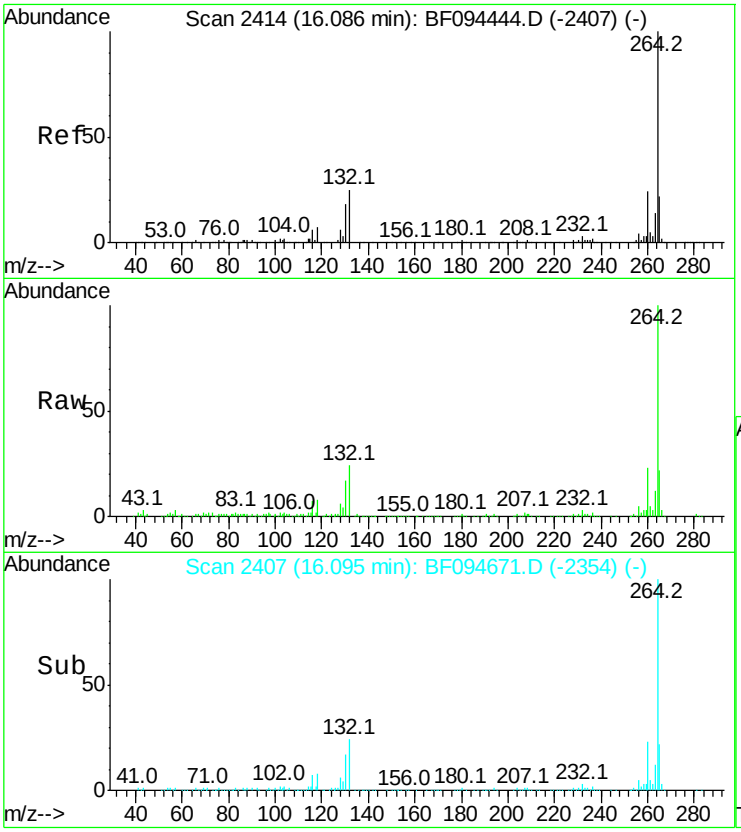


#78
Terphenyl-d14
Concen: 93.12 ng
RT: 13.20 min Scan# 1915
Delta R.T. 0.00 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Tgt Ion:244 Resp: 982753

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.0	9.0
122	14.1	10.3	15.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 16.09 min Scan# 2407
Delta R.T. 0.01 min
Lab File: BF094671.D
Acq: 27 Apr 2017 18:46

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 212026

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.6	17.2	25.8