Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081818.D
Acq On : 25 Sep 2015 22:58
Operator : UM/IZ
Sample : G3805-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS-092315

Quant Time: Sep 26 01:45:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	141618	20.00	ng		0.03
21) Naphthalene-d8	8.24	136	568725	20.00	ng		0.00
38) Acenaphthene-d10	9.99	164	271362	20.00	ng		-0.01
63) Phenanthrene-d10	11.47	188	474921	20.00	ng		0.00
75) Chrysene-d12	14.12	240	387948	20.00	ng		0.00
86) Perylene-d12	15.59	264	359704	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	0.00	112	0	0.00	ng		
7) Phenol-d6	6.71	99	3755	0.35	ng		0.14
23) Nitrobenzene-d5	7.53	82	473660	54.95	ng		0.01
41) 2,4,6-Tribromophenol	10.78	330	104904	44.53	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	1072093	64.85	ng		0.00
78) Terphenyl-d14	13.06	244	862026	50.76	ng		0.00
Target Compounds							Qvalue
3) Pyridine	3.37	79	199323	17.05	ng		90
6) Aniline	6.77	93	23941873	1510.40	ng	#	79
8) 2-Chlorophenol	6.86	128	89793	9.74	ng		88
9) Benzaldehyde	6.56	77	13370	2.14	ng	#	1
10) Phenol	6.77	94	2054983	167.09	ng	#	1
11) bis(2-Chloroethyl)ether	6.77	93	23948644	2655.20	ng	#	22
12) 1,3-Dichlorobenzene	6.93	146	150416	13.78	ng	#	97
13) 1,4-Dichlorobenzene	6.93	146	150416	13.62	ng		97
14) 1,2-Dichlorobenzene	6.99	146	642110	62.49	ng		95
17) 2-Methylphenol	7.15	107	16564	2.13	ng	#	84
18) Hexachloroethane	7.69	117	289344	80.46	ng	#	1
19) n-Nitroso-di-n-propylamine	7.53	70	63629	9.01	ng	#	65
24) Nitrobenzene	7.57	77	2821014	293.35	ng	#	71
25) Isophorone	7.53	82	442850	23.19	ng	#	58
30) 1,2,4-Trichlorobenzene	8.18	180	35337	3.90	ng		99
33) 4-Chloroaniline	8.29	127	50377	4.38	ng	#	84
43) 2,4,5-Trichlorophenol	9.43	196	33697	6.00	ng	#	72
47) 2-Nitroaniline	9.53	65	48866	10.76	ng	#	1
49) Dimethylphthalate	9.70	163	181077	8.77	ng	#	97
53) 2,4-Dinitrophenol	10.02	184	341	Below Cal		#	1
56) 2,4-Dinitrotoluene	9.99	165	35191	7.37	ng	#	34
59) Diethylphthalate	10.40	149	56123	2.81	ng		97
64) 4,6-Dinitro-2-methylphenol	10.75	198	1007	8.90	ng		90

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
Data File : BF081818.D
Acq On : 25 Sep 2015 22:58
Operator : UM/IZ
Sample : G3805-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Quant Time: Sep 26 01:45:17 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 25 06:02:49 2015
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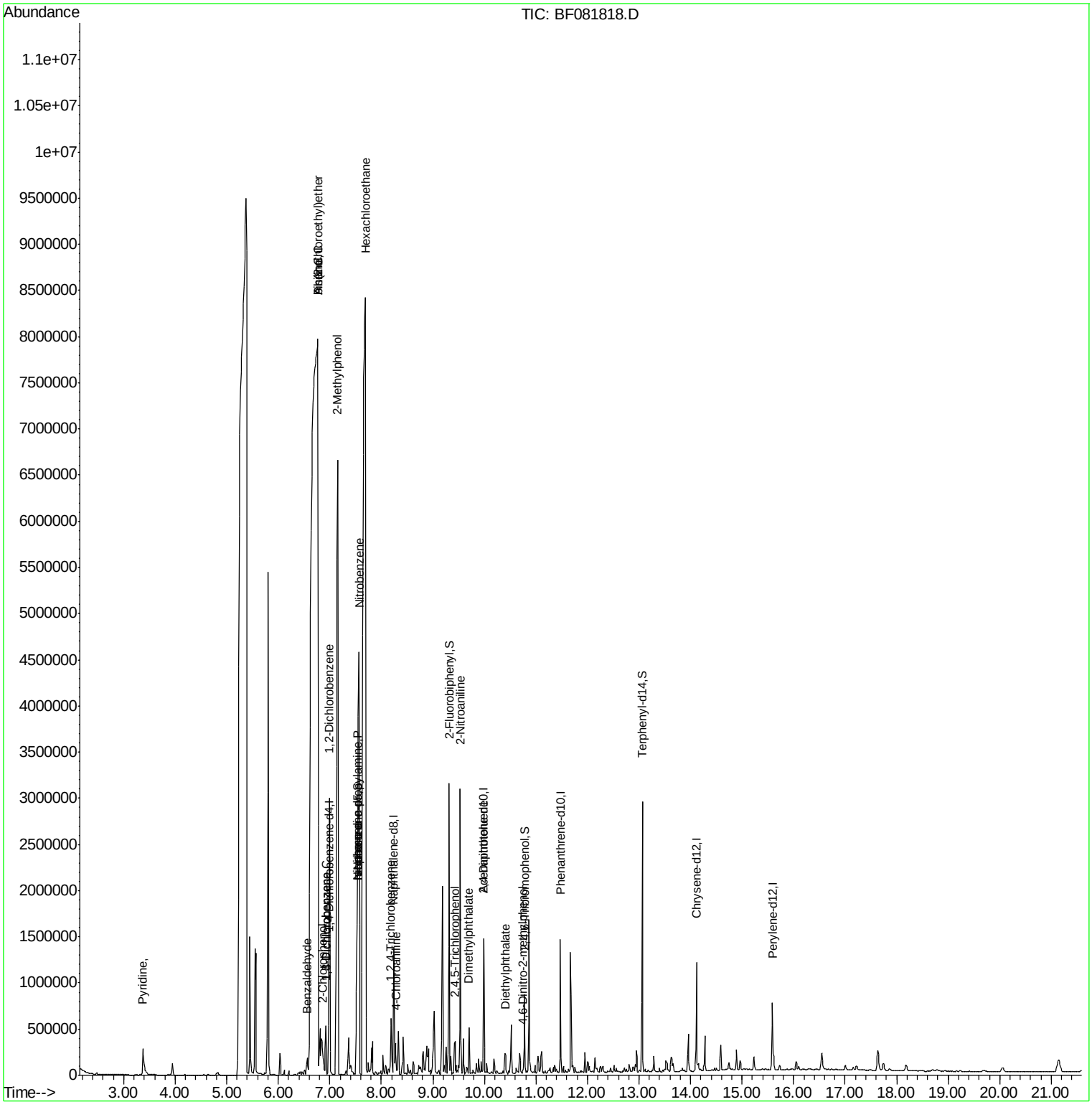
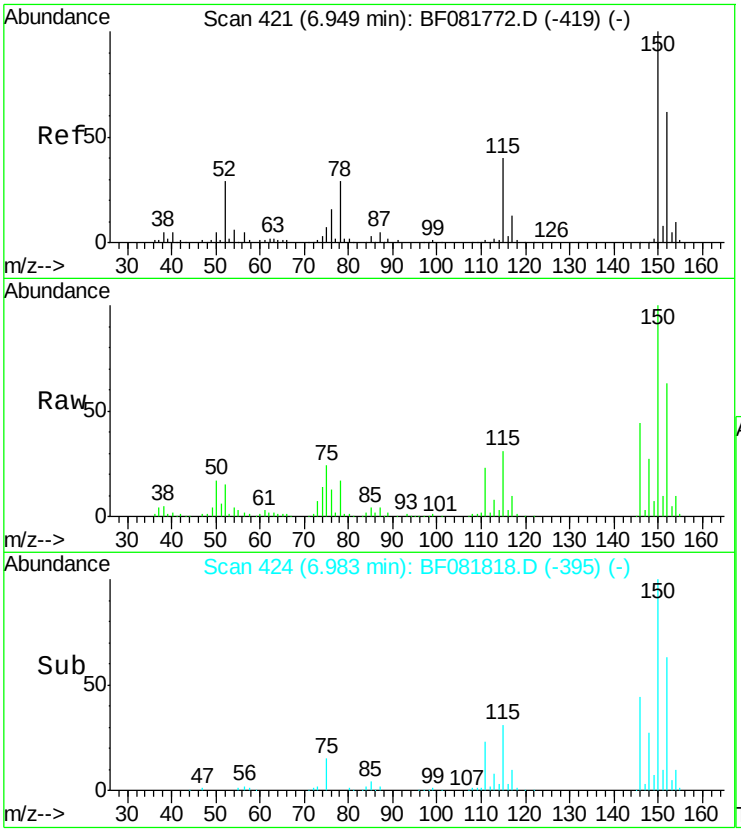


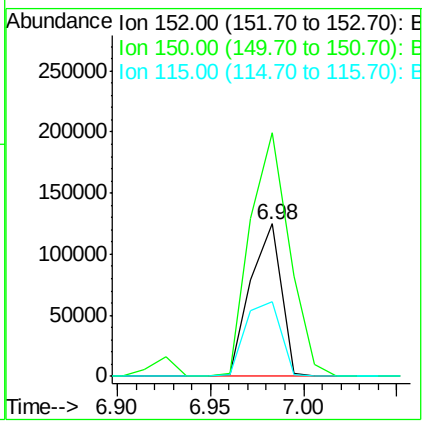


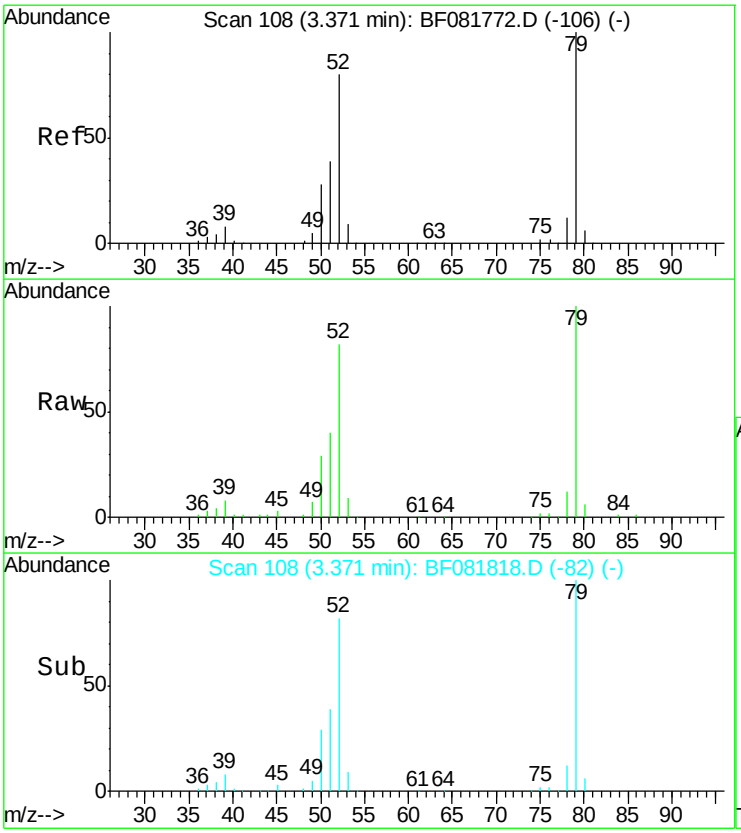
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 424
Delta R.T. 0.03 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion:152 Resp: 141618

Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.7	187.1
115	49.2	39.0	58.4

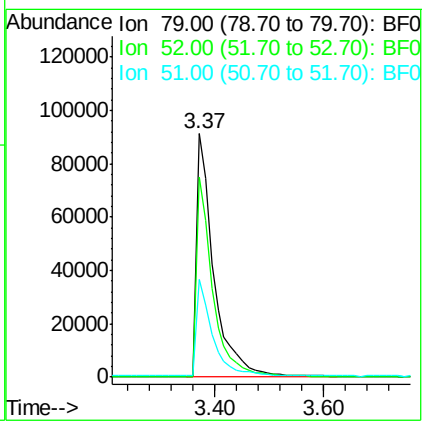


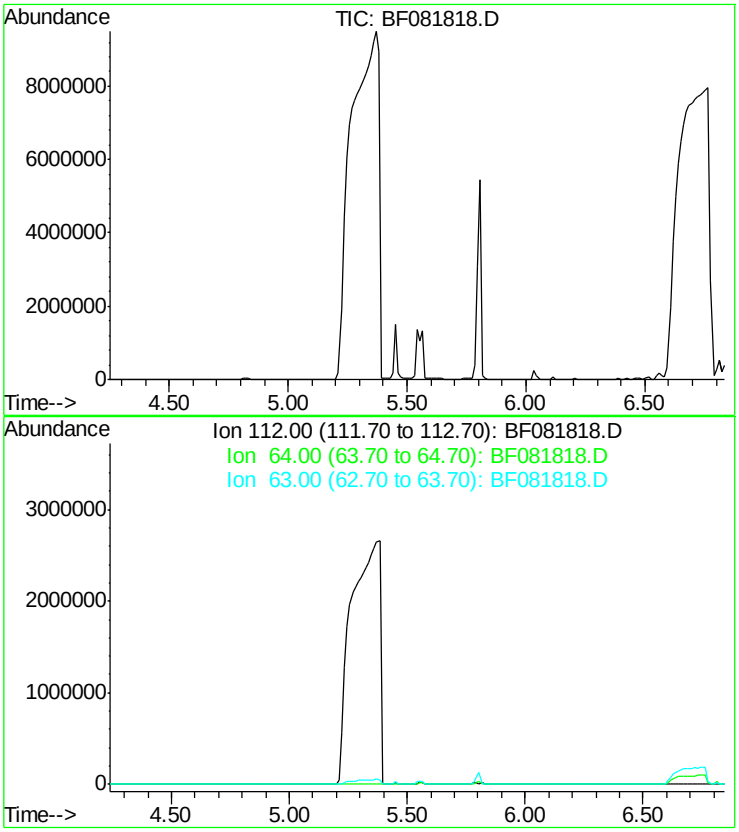


#3
Pyridine
Concen: 17.05 ng
RT: 3.37 min Scan# 108
Delta R.T. 0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion: 79 Resp: 199323

Ion	Ratio	Lower	Upper
79	100		
52	82.0	76.8	115.2
51	40.0	32.2	48.4





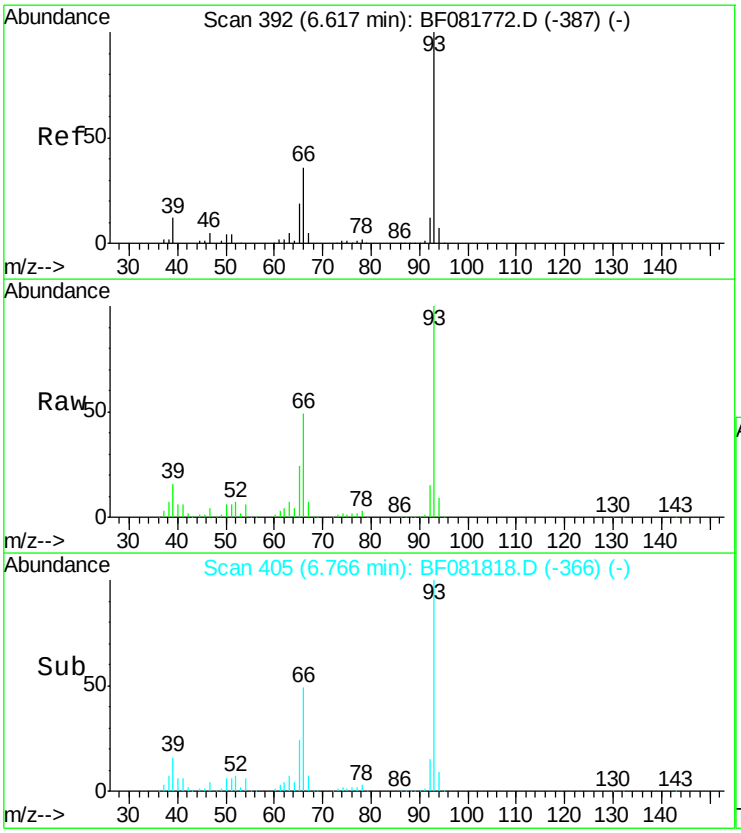
#5
2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.54 min

Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion: 112

Sig	Exp Ratio
112	100
64	49.6
63	21.7

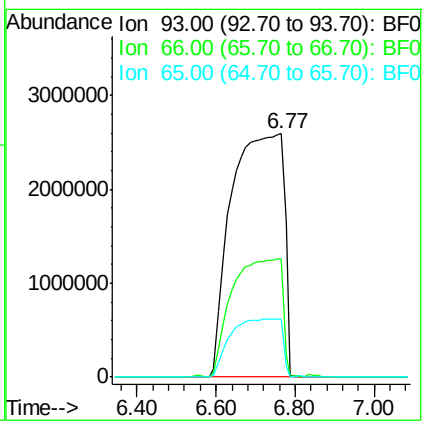
Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

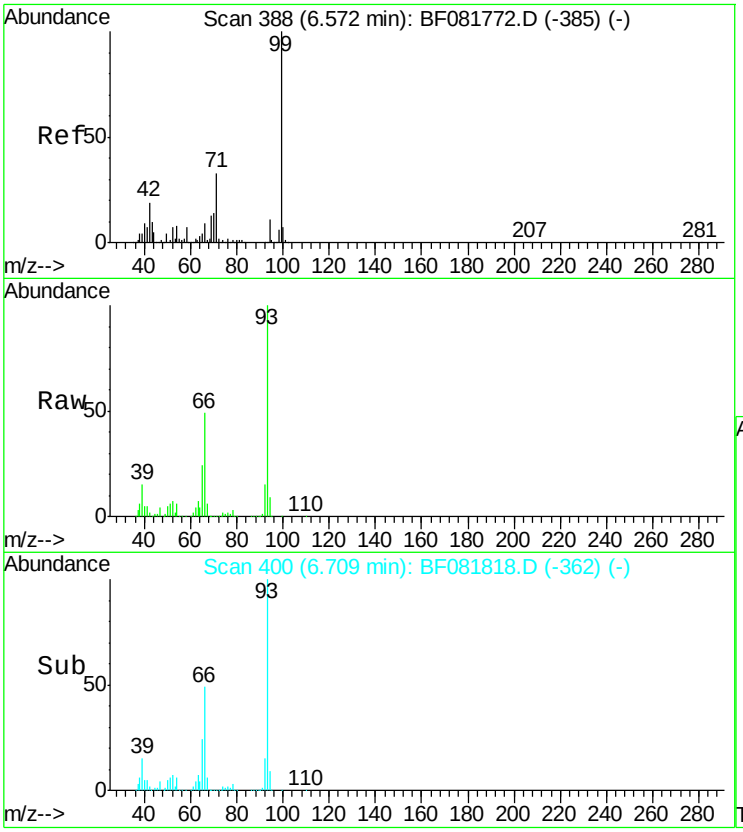


#6
Aniline
Concen: 1510.40 ng
RT: 6.77 min Scan# 405
Delta R.T. 0.15 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion: 93 Resp:23941873

Ion	Ratio	Lower	Upper
93	100		
66	48.7	27.2	40.8#
65	24.0	14.7	22.1#



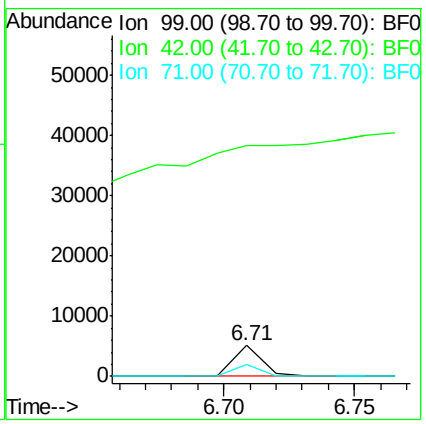


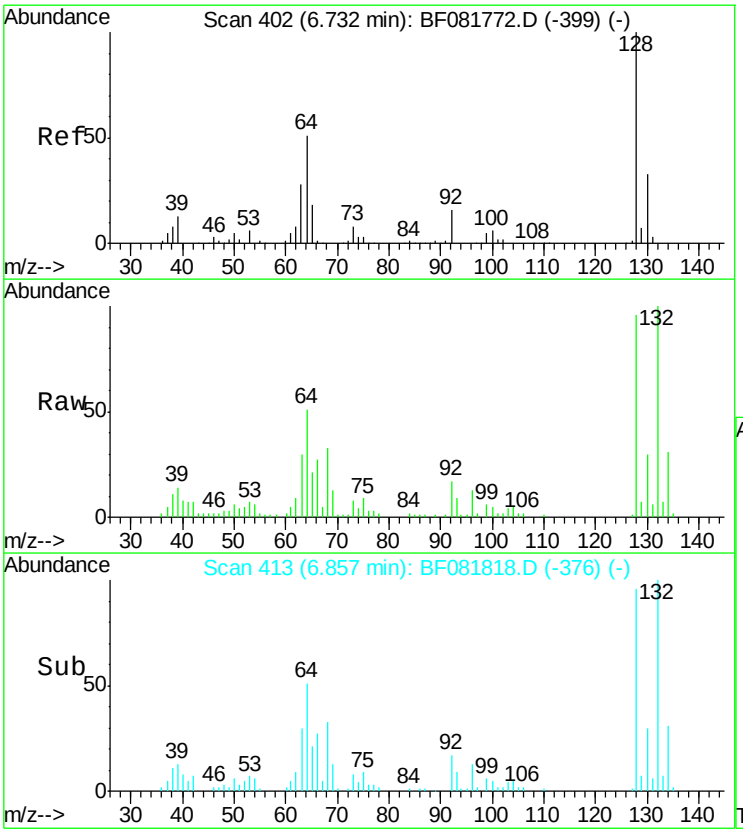
#7
Phenol-d6
Concen: 0.35 ng
RT: 6.71 min Scan# 400
Delta R.T. 0.14 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion: 99 Resp: 3755

Ion	Ratio	Lower	Upper
99	100		
42	758.0	13.7	20.5#
71	38.6	14.2	21.2#

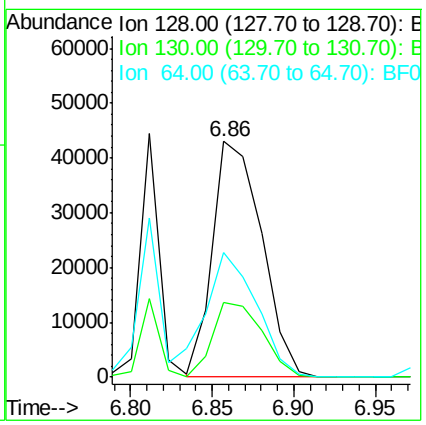


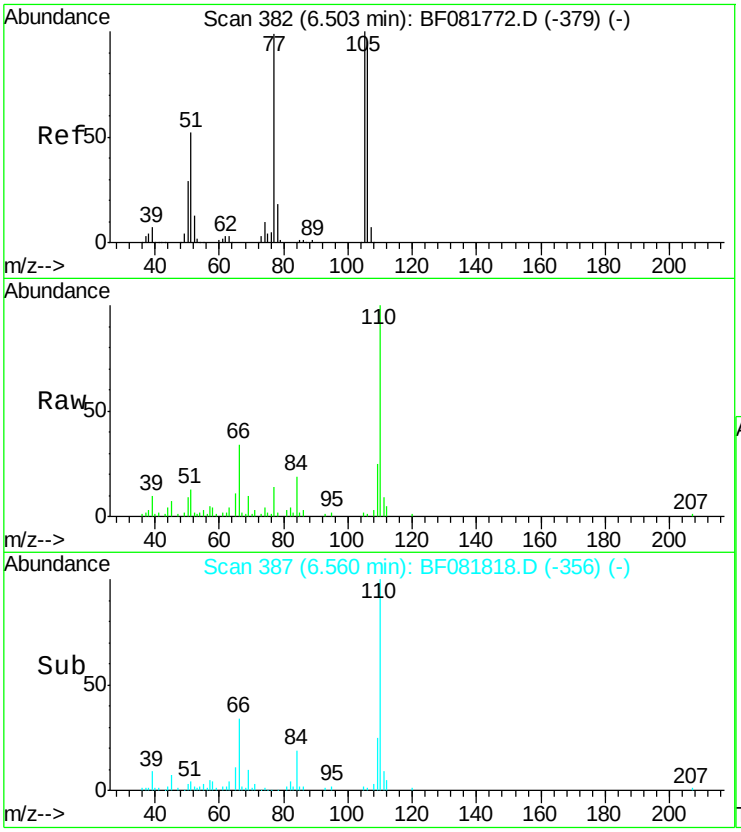


#8
2-Chlorophenol
Concen: 9.74 ng
RT: 6.86 min Scan# 413
Delta R.T. 0.13 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:128 Resp: 89793

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.2	52.2
64	53.0	20.5	60.5



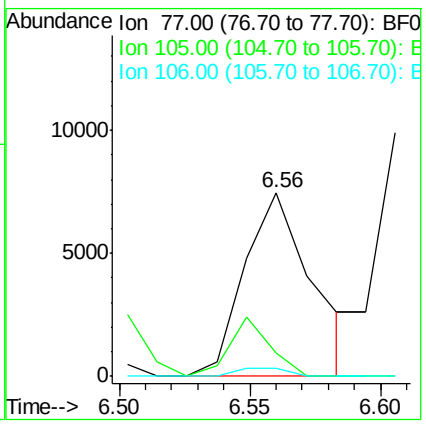


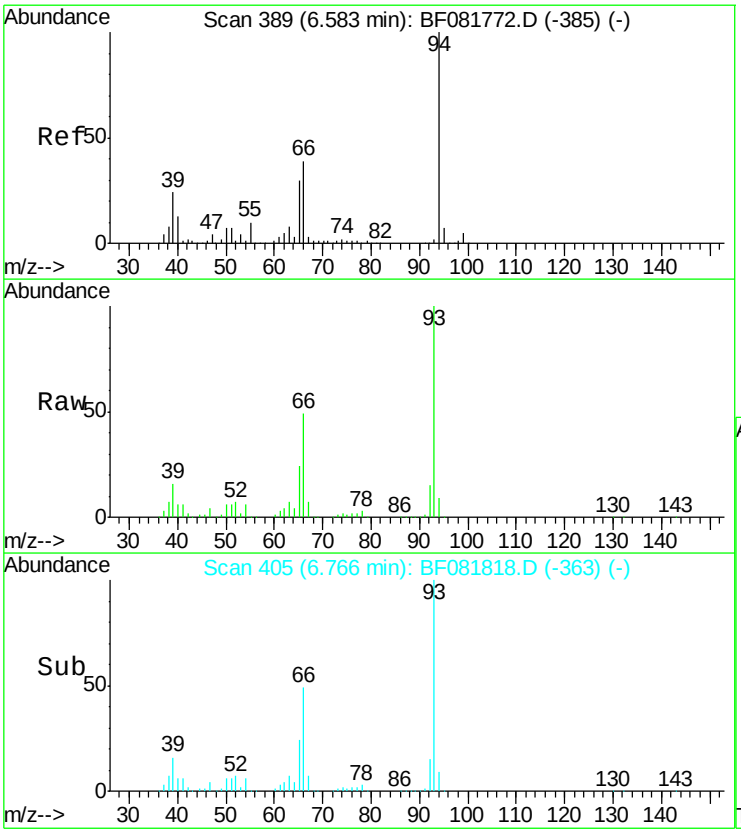
#9
Benzaldehyde
Concen: 2.14 ng
RT: 6.56 min Scan# 387
Delta R.T. 0.06 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion: 77 Resp: 13370

Ion	Ratio	Lower	Upper
77	100		
105	13.1	91.6	131.6#
106	4.2	102.6	142.6#

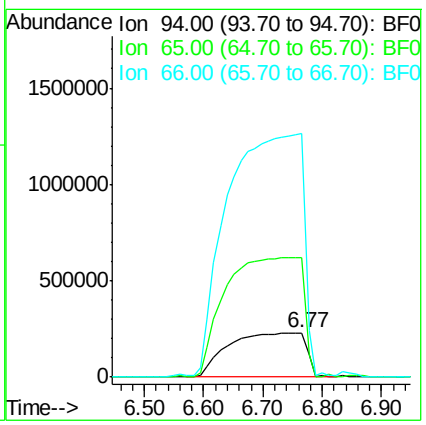


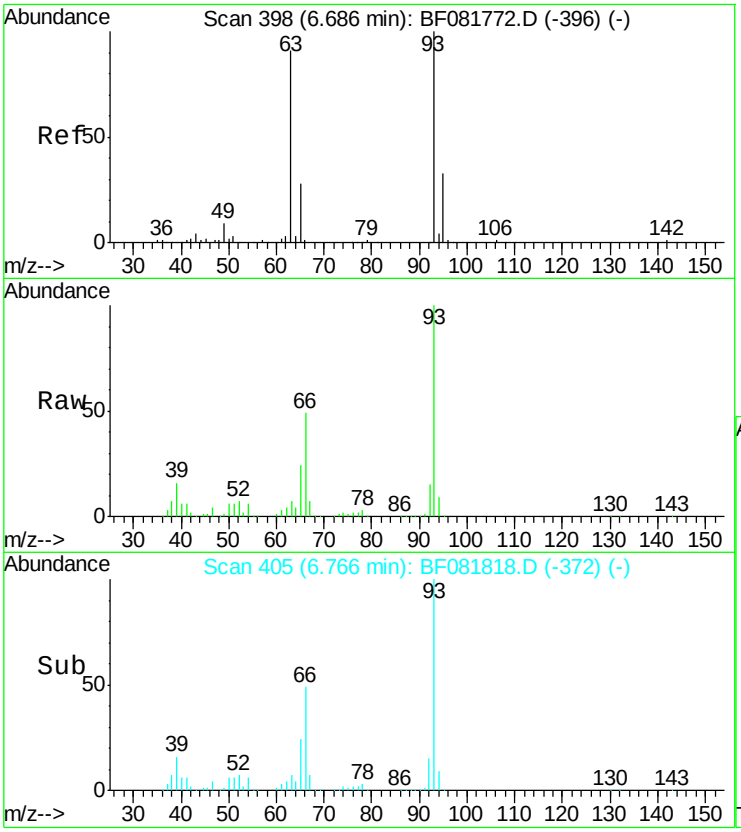


#10
Phenol
Concen: 167.09 ng
RT: 6.77 min Scan# 405
Delta R.T. 0.18 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion: 94 Resp: 2054983

Ion	Ratio	Lower	Upper
94	100		
65	269.7	0.7	40.7#
66	547.4	0.8	40.8#



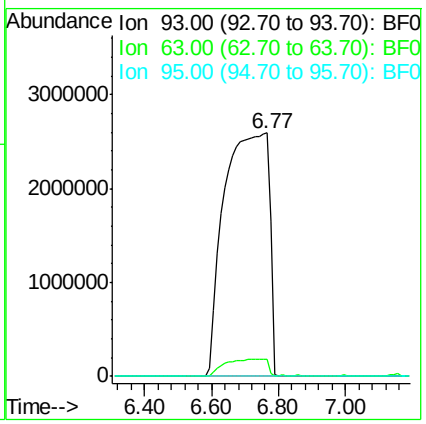


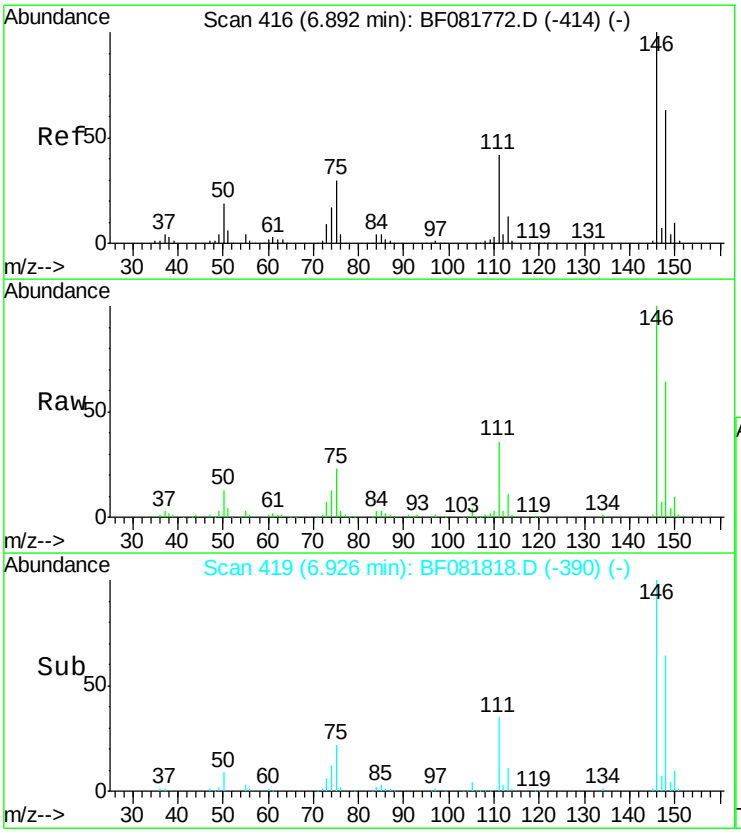
#11
bis(2-Chloroethyl)ether
Concen: 2655.20 ng
RT: 6.77 min Scan# 405
Delta R.T. 0.08 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion: 93 Resp:23948644

Ion	Ratio	Lower	Upper
93	100		
63	7.2	65.6	105.6#
95	0.3	13.6	53.6#

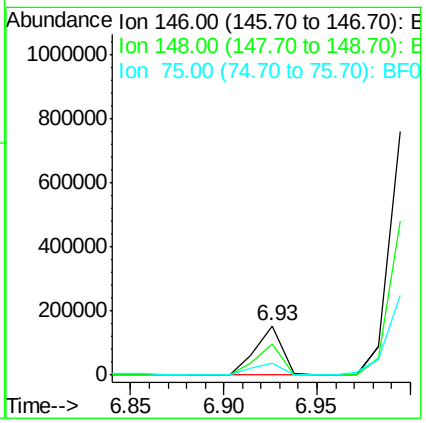


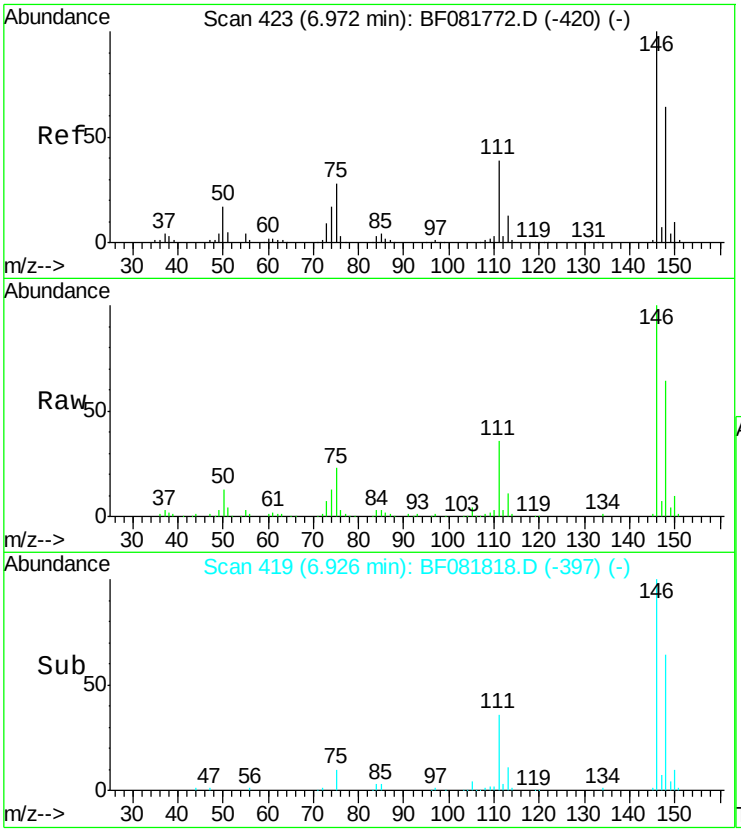


#12
1,3-Dichlorobenzene
Concen: 13.78 ng
RT: 6.93 min Scan# 419
Delta R.T. 0.03 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:146 Resp: 150416

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.0	76.4
75	23.1	15.0	22.6#



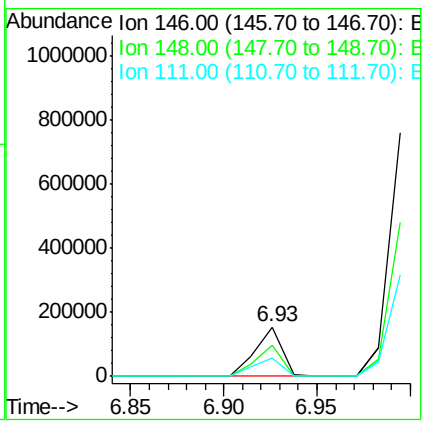


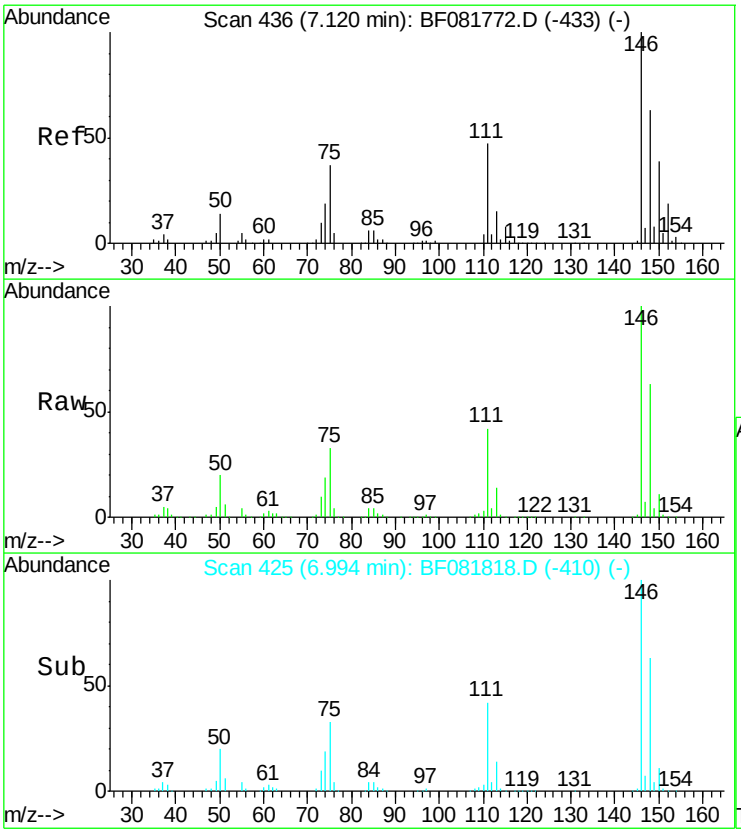
#13
1,4-Dichlorobenzene
Concen: 13.62 ng
RT: 6.93 min Scan# 419
Delta R.T. -0.05 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion:146 Resp: 150416

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.6
111	36.1	24.9	37.3

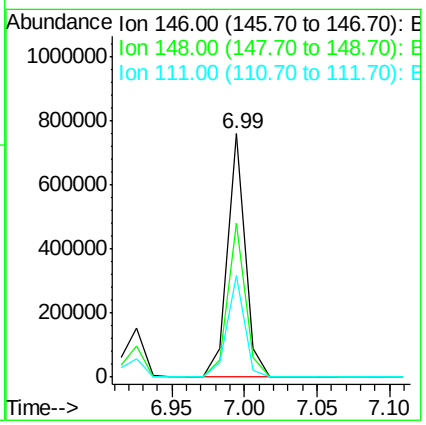


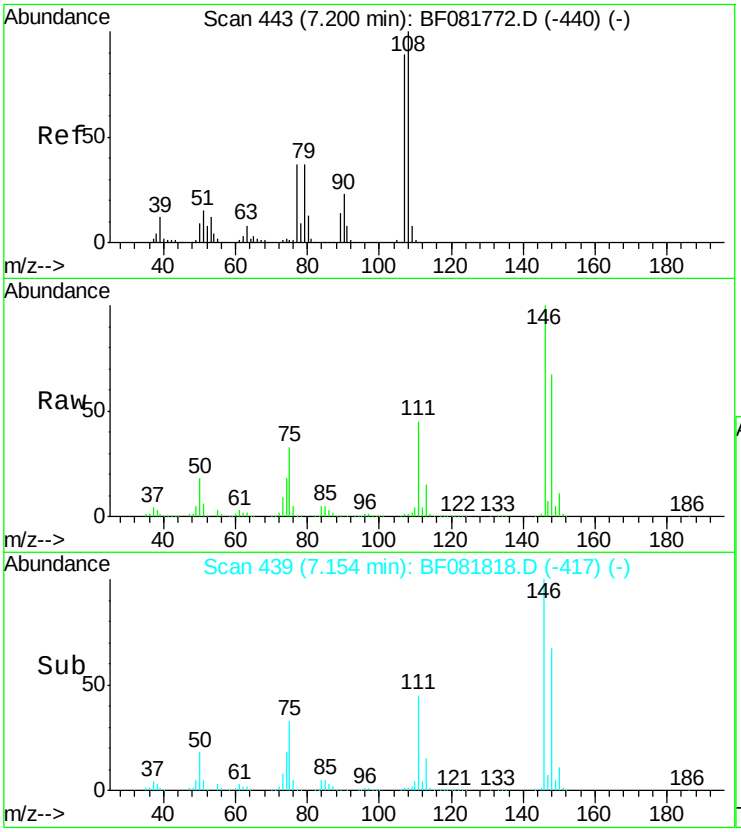


#14
1,2-Dichlorobenzene
Concen: 62.49 ng
RT: 6.99 min Scan# 425
Delta R.T. -0.13 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:146 Resp: 642110

Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.7	79.1
111	41.7	28.8	43.2



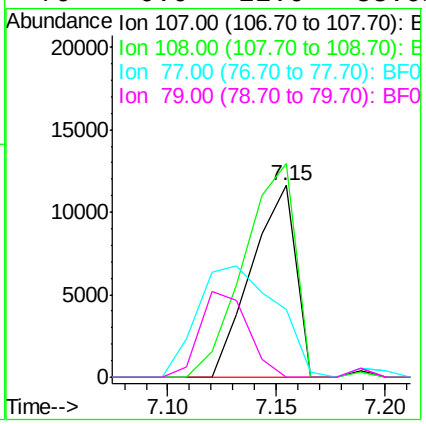


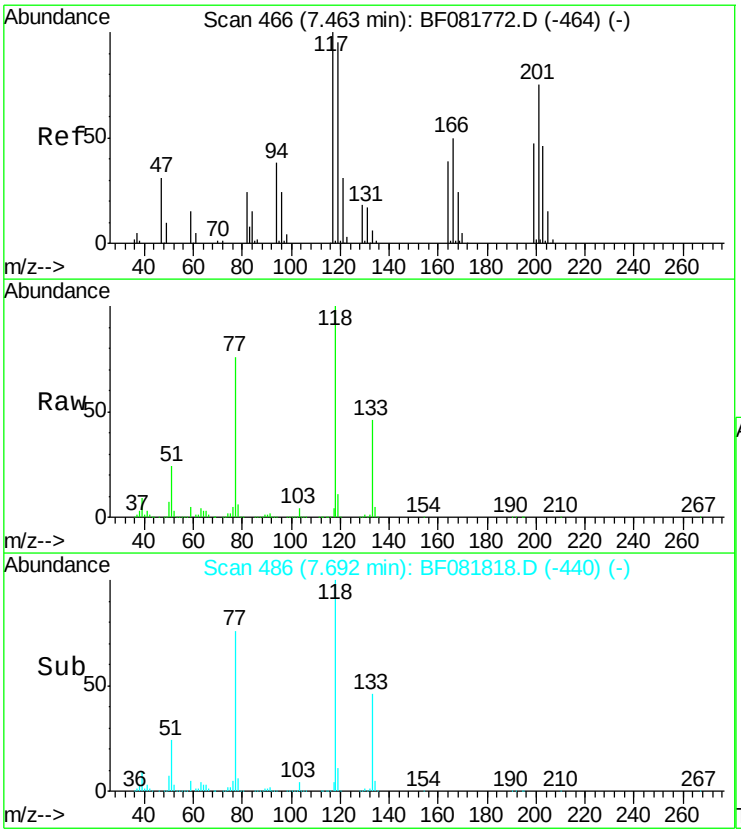
#17
2-Methylphenol
Concen: 2.13 ng
RT: 7.15 min Scan# 439
Delta R.T. -0.05 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion:107 Resp: 16564

Ion	Ratio	Lower	Upper
107	100		
108	111.4	96.6	145.0
77	35.5	23.3	34.9#
79	0.0	22.0	33.0#

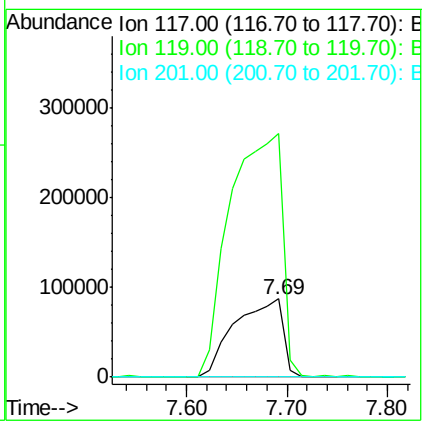


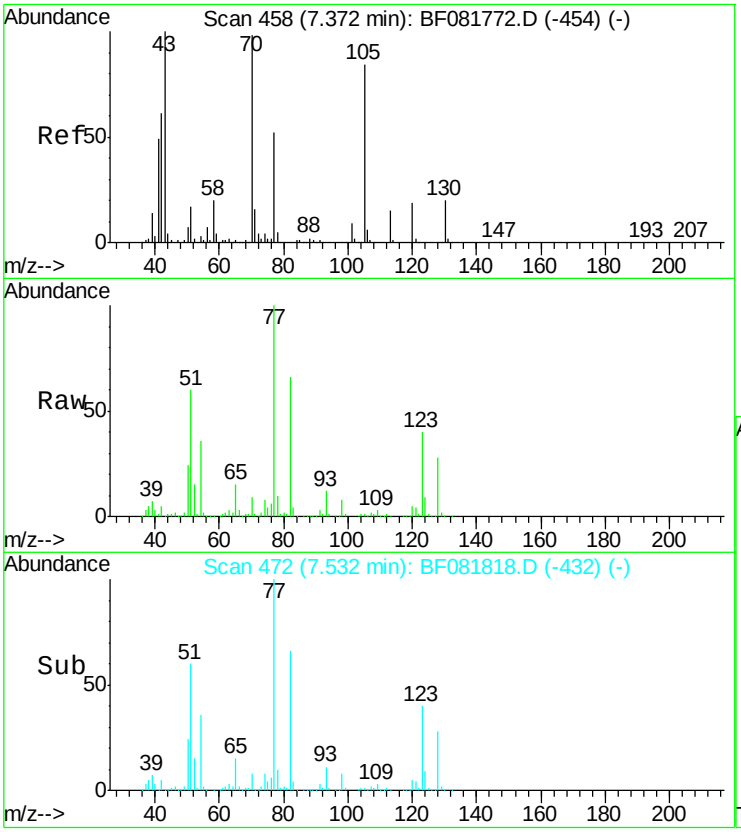


#18
Hexachloroethane
Concen: 80.46 ng
RT: 7.69 min Scan# 486
Delta R.T. 0.23 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:117 Resp: 289344

Ion	Ratio	Lower	Upper
117	100		
119	311.2	83.8	125.6#
201	0.0	55.1	82.7#



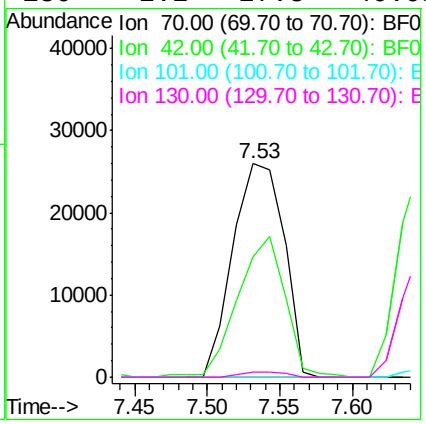


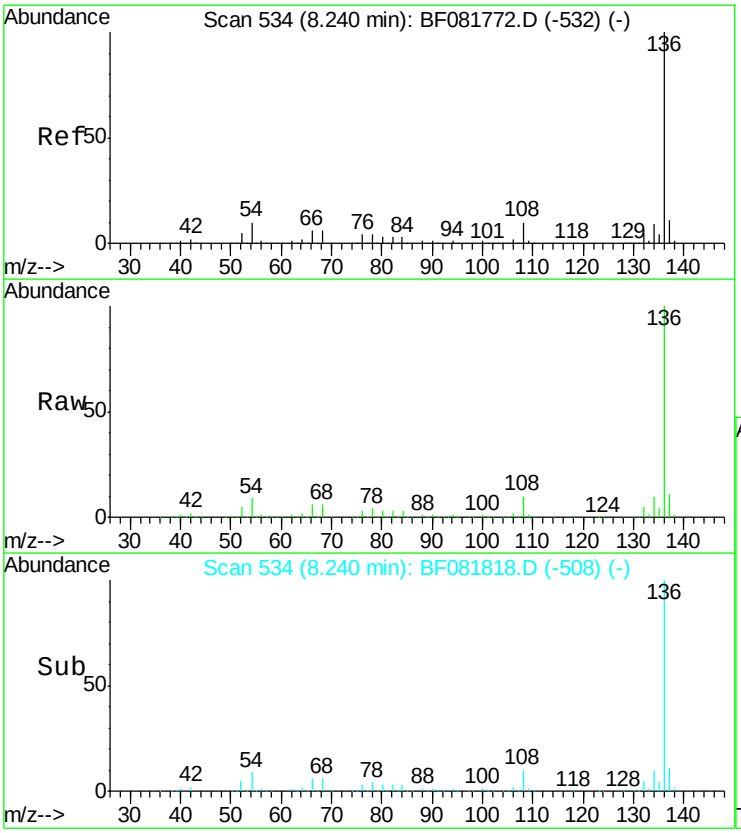
#19
n-Nitroso-di-n-propylamine
Concen: 9.01 ng
RT: 7.53 min Scan# 472
Delta R.T. 0.16 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion: 70 Resp: 63629

Ion	Ratio	Lower	Upper
70	100		
42	56.5	63.8	95.6#
101	0.0	9.2	13.8#
130	2.2	27.3	40.9#

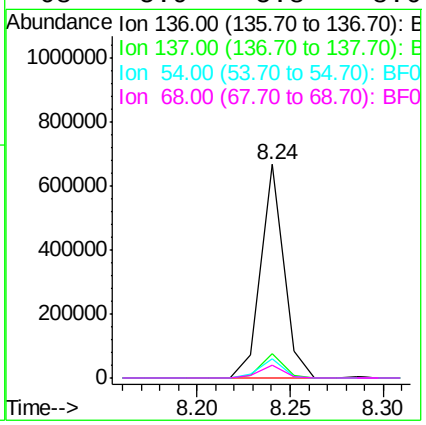


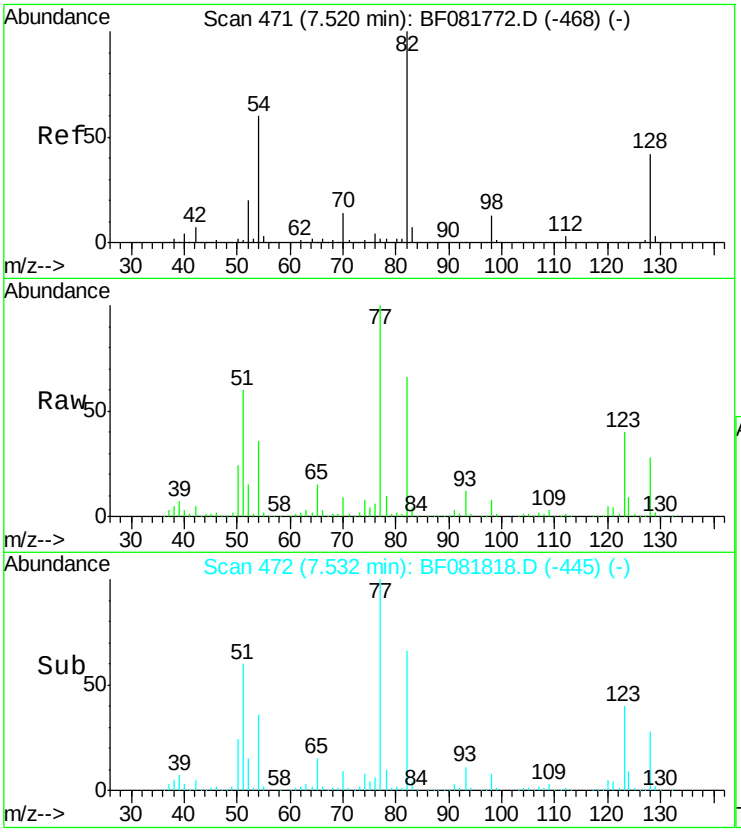


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:136 Resp: 568725

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	8.9	8.2	12.2
68	5.9	5.8	8.6



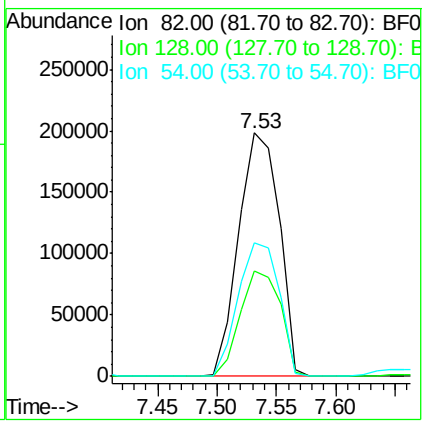


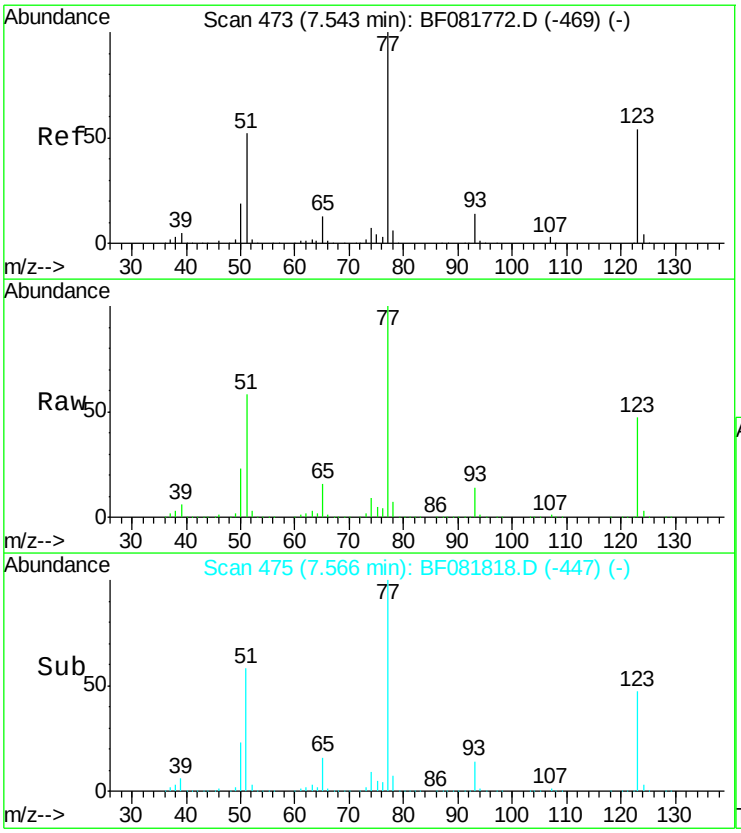
#23
Nitrobenzene-d5
Concen: 54.95 ng
RT: 7.53 min Scan# 472
Delta R.T. 0.01 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion: 82 Resp: 473660

Ion	Ratio	Lower	Upper
82	100		
128	43.3	51.0	76.6#
54	55.0	47.5	71.3

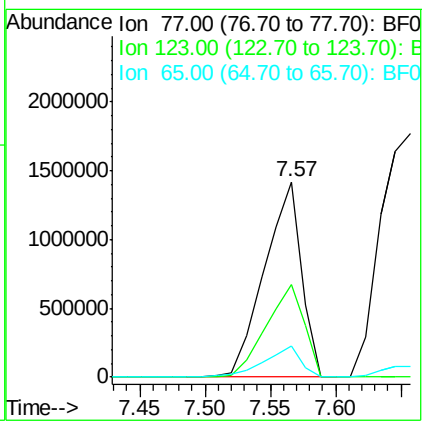


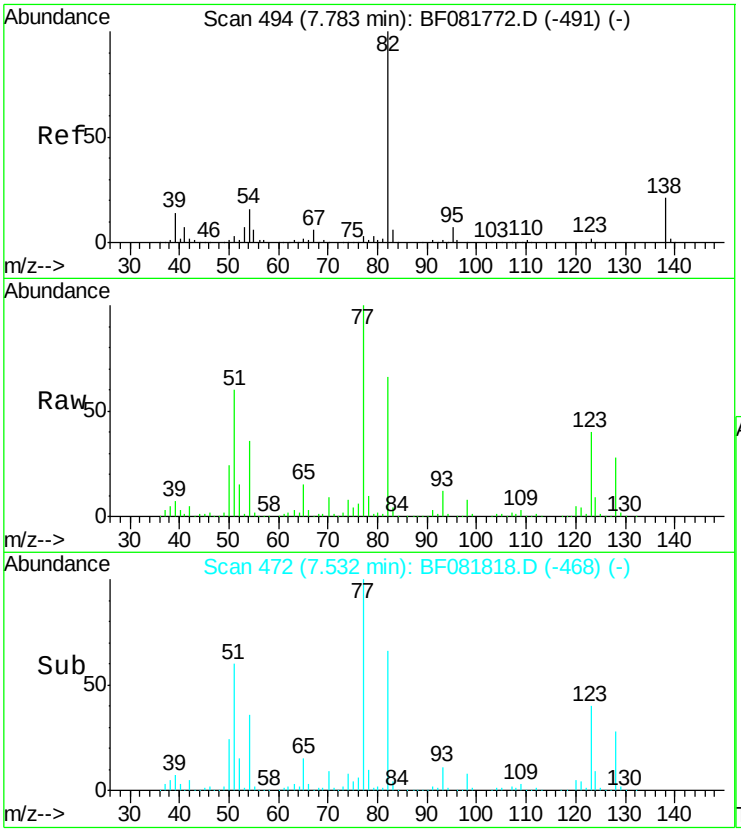


#24
Nitrobenzene
Concen: 293.35 ng
RT: 7.57 min Scan# 475
Delta R.T. 0.02 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion: 77 Resp: 2821014

Ion	Ratio	Lower	Upper
77	100		
123	47.5	59.8	89.8#
65	15.7	10.2	15.4#



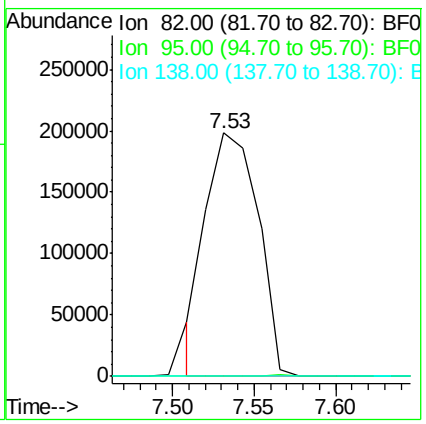


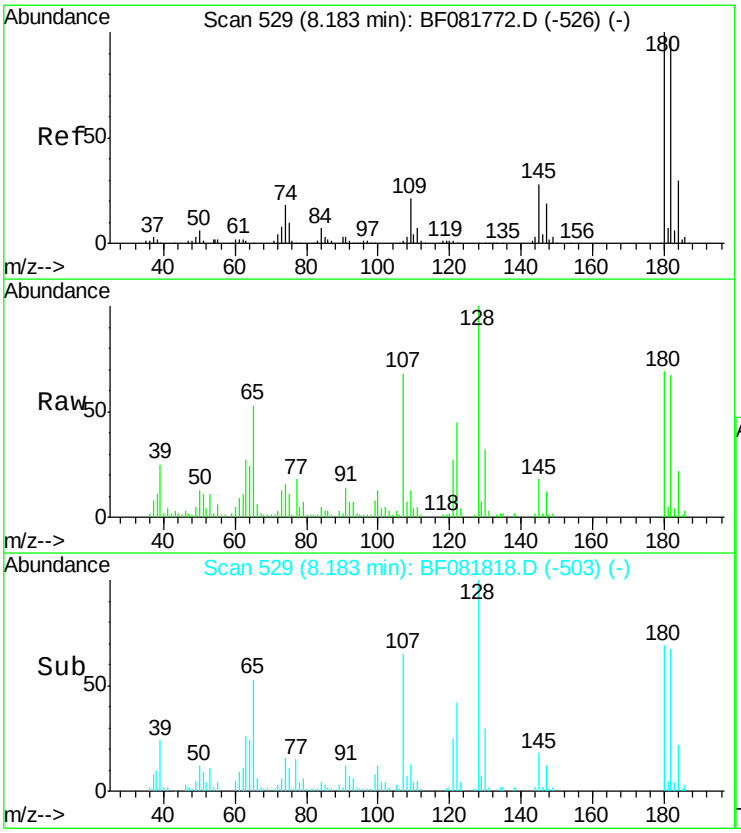
#25
Isophorone
Concen: 23.19 ng
RT: 7.53 min Scan# 472
Delta R.T. -0.25 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion: 82 Resp: 442850

Ion	Ratio	Lower	Upper
82	100		
95	0.0	4.0	6.0#
138	0.0	18.3	27.5#

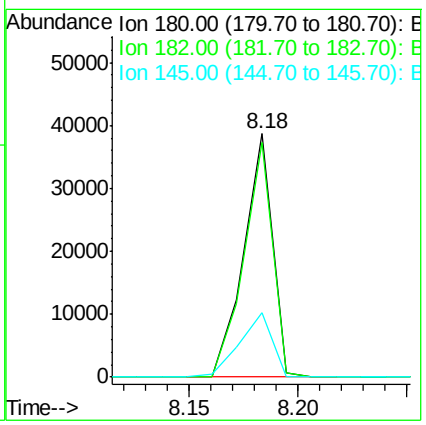


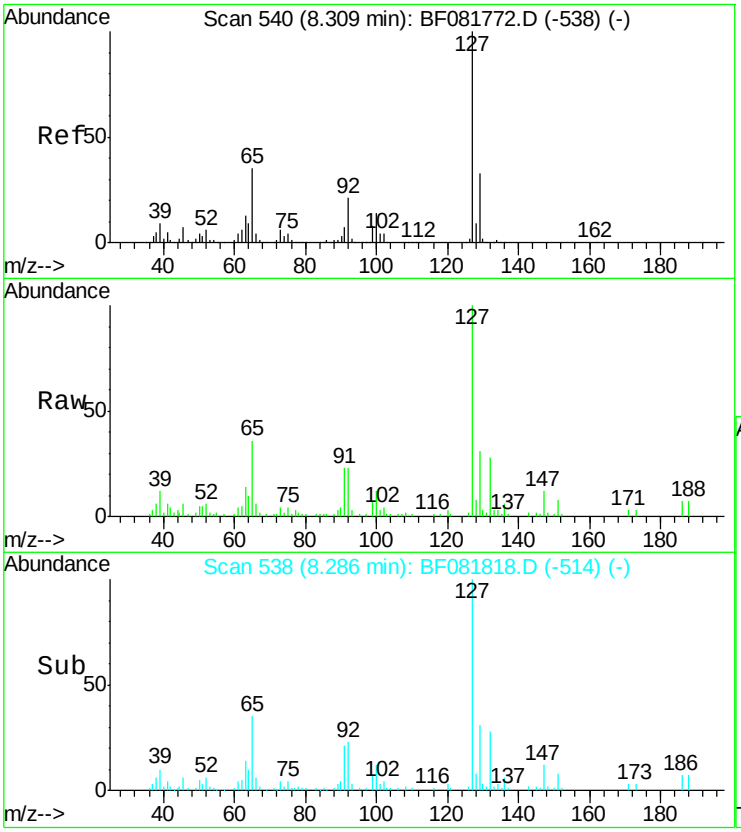


#30
1,2,4-Trichlorobenzene
Concen: 3.90 ng
RT: 8.18 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:180 Resp: 35337

Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.1	115.7
145	26.6	23.3	34.9



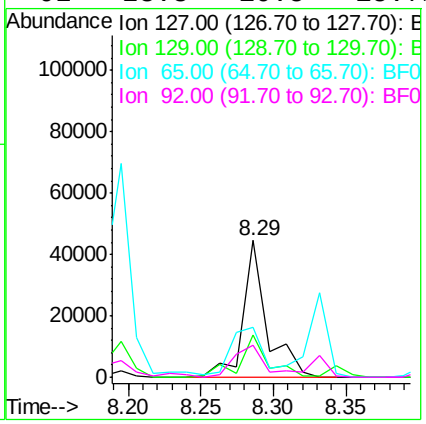


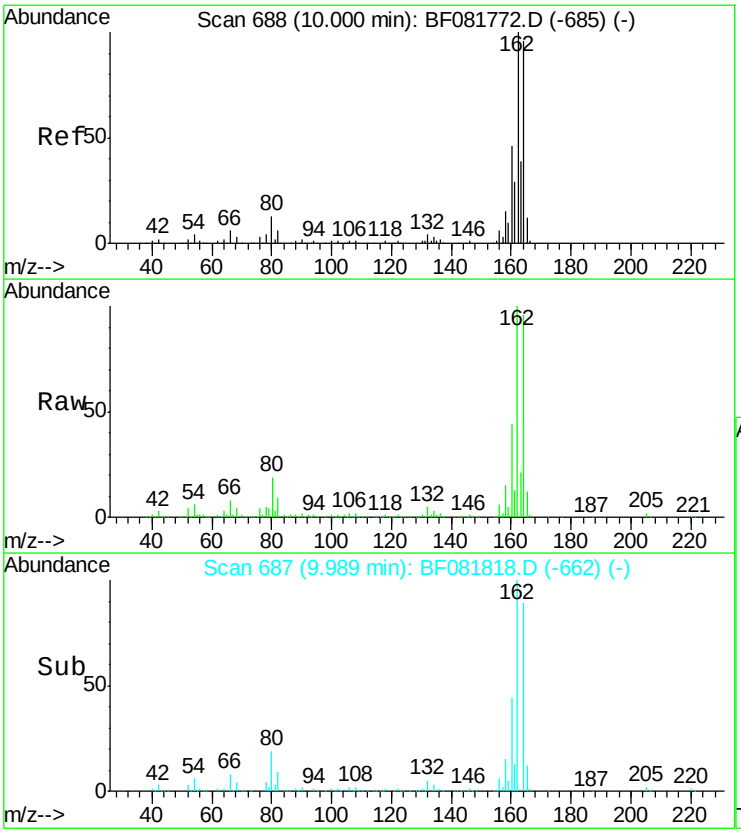
#33
4-Chloroaniline
Concen: 4.38 ng
RT: 8.29 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion:127 Resp: 50377

Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.8	38.6
65	36.2	17.9	26.9#
92	23.3	10.5	15.7#

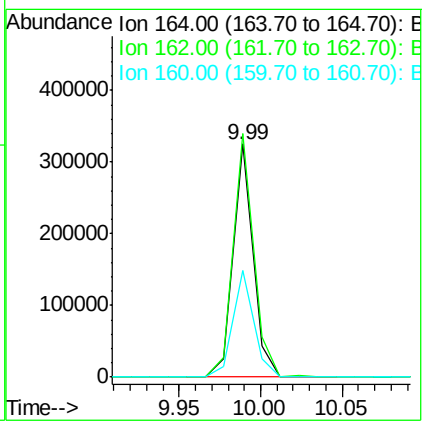


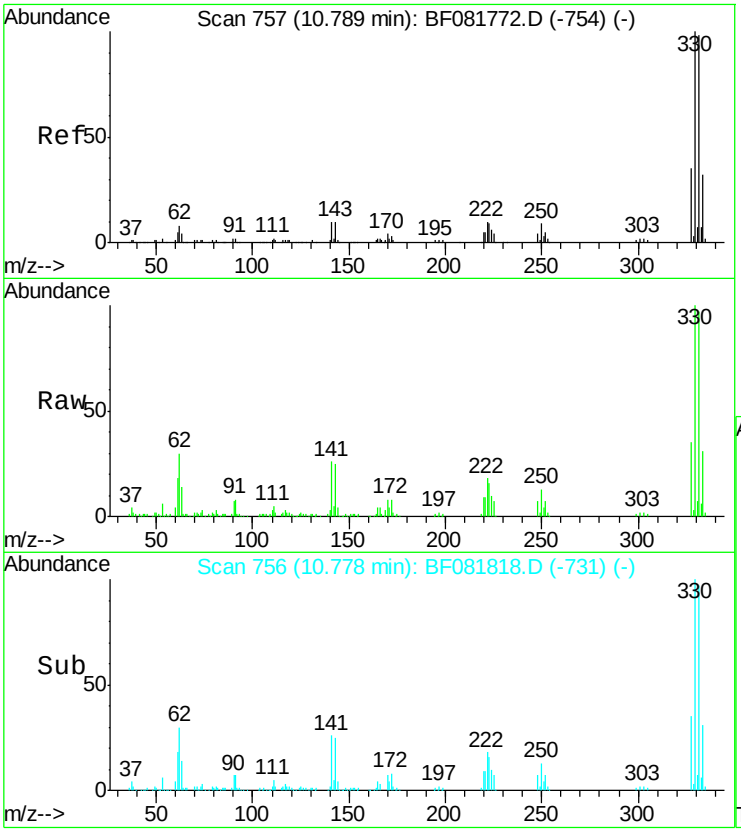


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:164 Resp: 271362

Ion	Ratio	Lower	Upper
164	100		
162	104.6	75.2	112.8
160	45.6	31.5	47.3



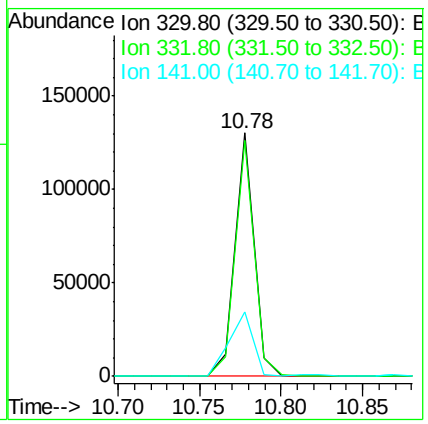


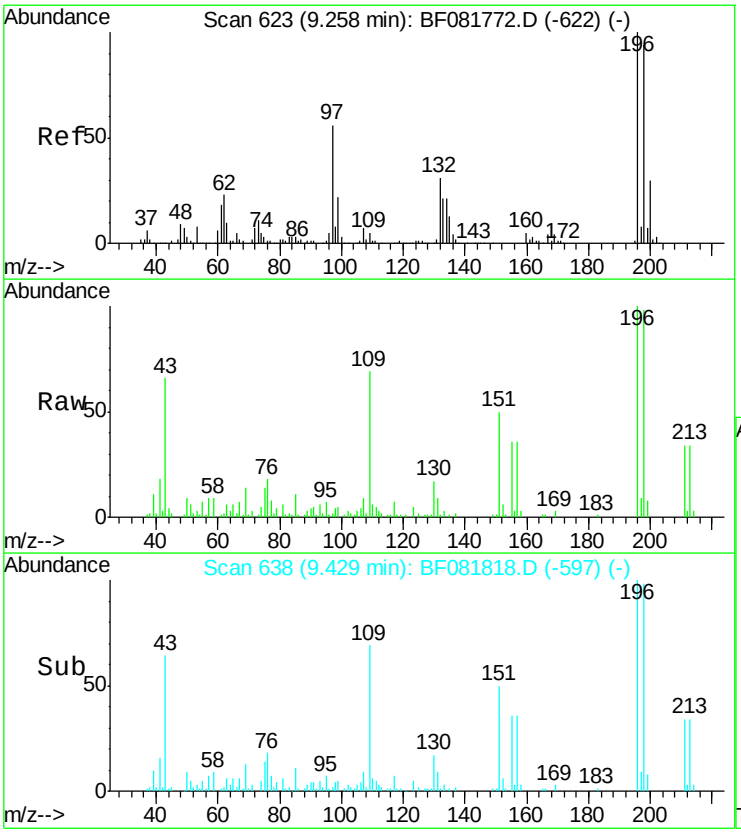
#41
2,4,6-Tribromophenol
Concen: 44.53 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion:330 Resp: 104904

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	34.1	29.7	44.5

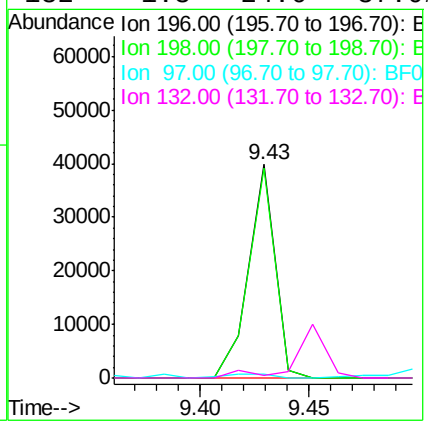


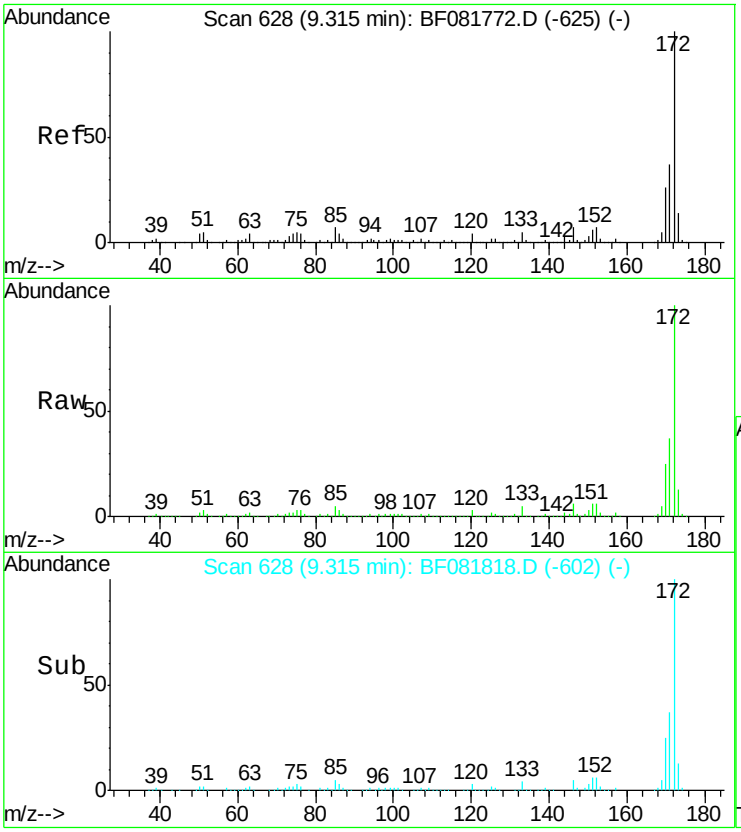


#43
2,4,5-Trichlorophenol
Concen: 6.00 ng
RT: 9.43 min Scan# 638
Delta R.T. 0.17 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:196 Resp: 33697

Ion	Ratio	Lower	Upper
196	100		
198	98.1	75.4	113.0
97	1.8	33.3	49.9#
132	1.3	24.6	37.0#



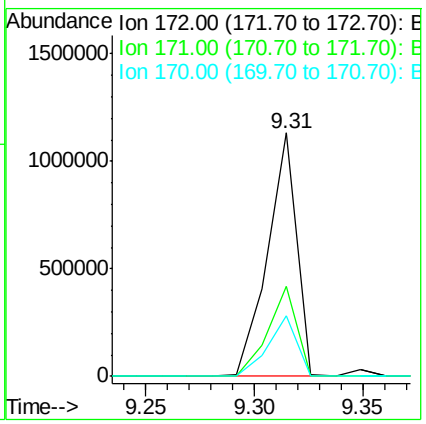


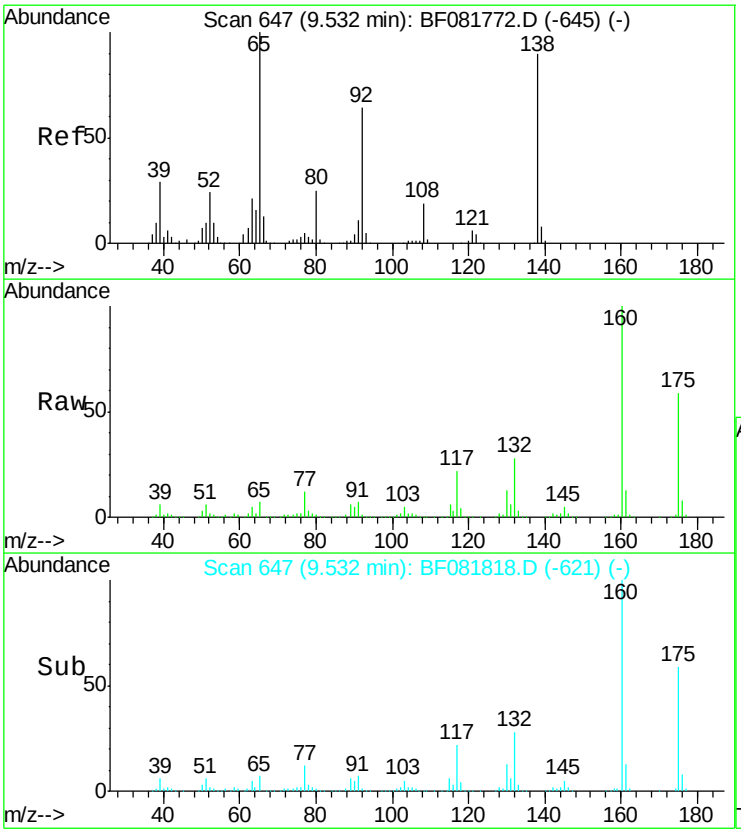
#44
2-Fluorobiphenyl
Concen: 64.85 ng
RT: 9.31 min Scan# 628
Delta R.T. -0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion:172 Resp: 1072093

Ion	Ratio	Lower	Upper
172	100		
171	36.9	26.1	39.1
170	24.9	17.4	26.2

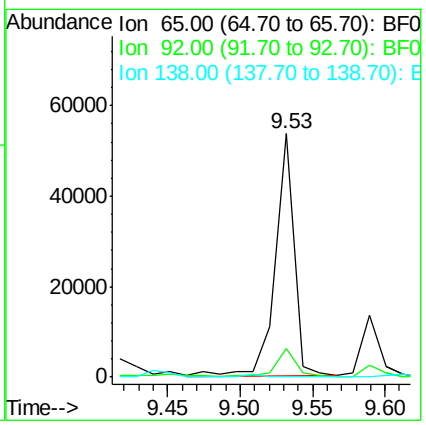


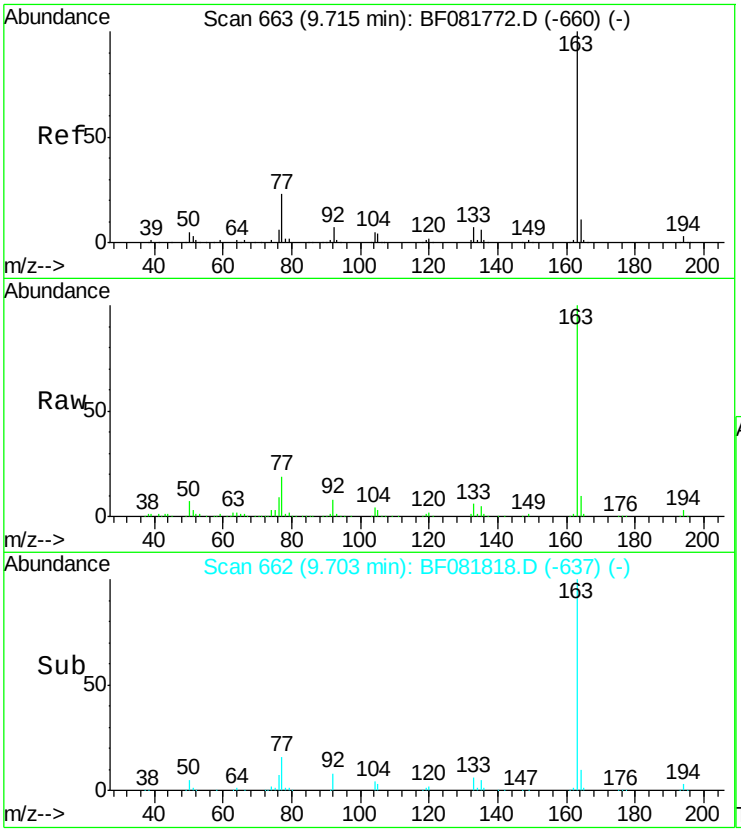


#47
2-Nitroaniline
Concen: 10.76 ng
RT: 9.53 min Scan# 647
Delta R.T. -0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion: 65 Resp: 48866

Ion	Ratio	Lower	Upper
65	100		
92	12.0	55.4	83.0#
138	0.0	115.5	173.3#



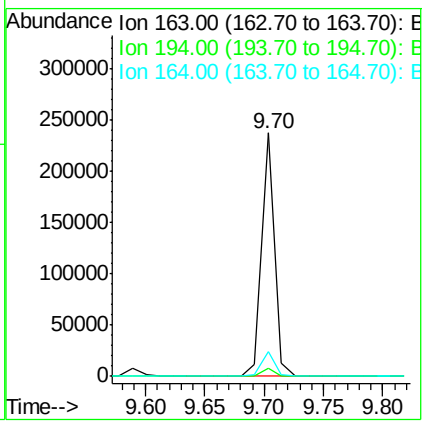


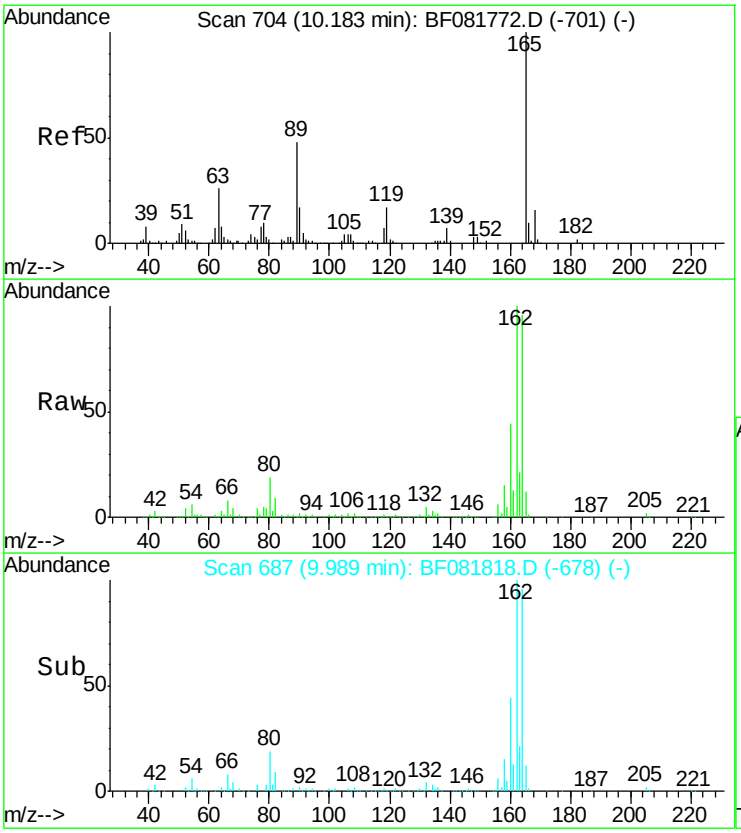
#49
Dimethylphthalate
Concen: 8.77 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion:163 Resp: 181077

Ion	Ratio	Lower	Upper
163	100		
194	3.4	4.4	6.6#
164	10.0	8.3	12.5

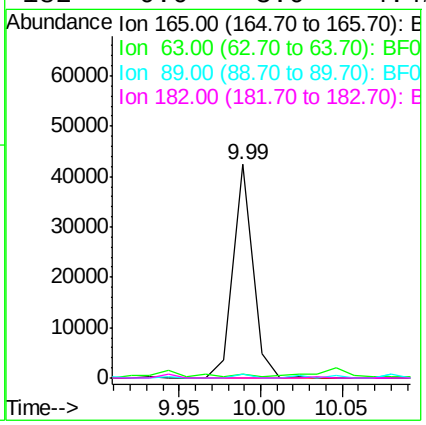


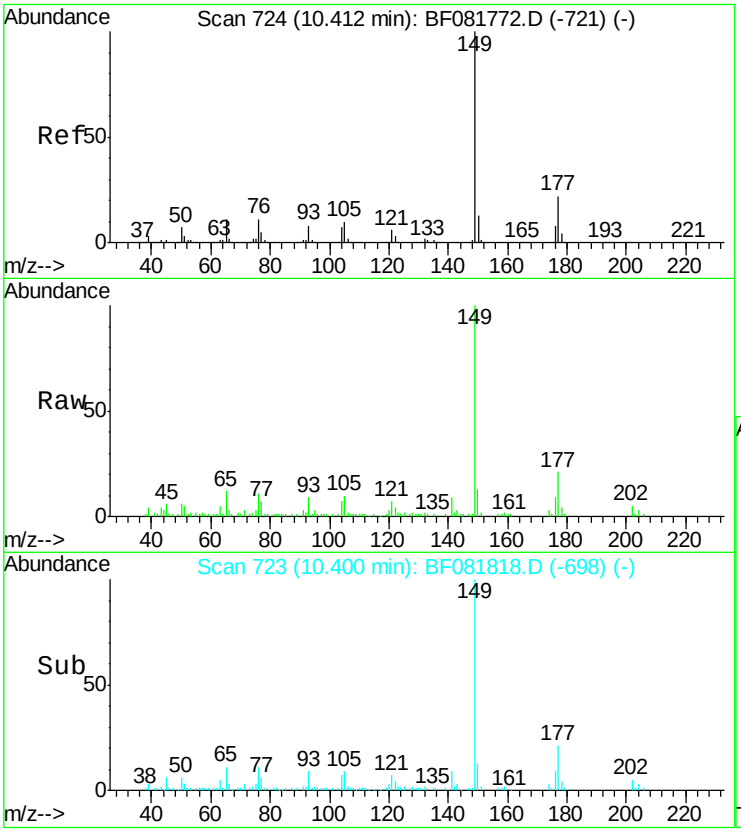


#56
2,4-Dinitrotoluene
Concen: 7.37 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:165 Resp: 35191

Ion	Ratio	Lower	Upper
165	100		
63	1.8	29.8	44.6#
89	1.8	44.5	66.7#
182	0.0	3.0	4.4#



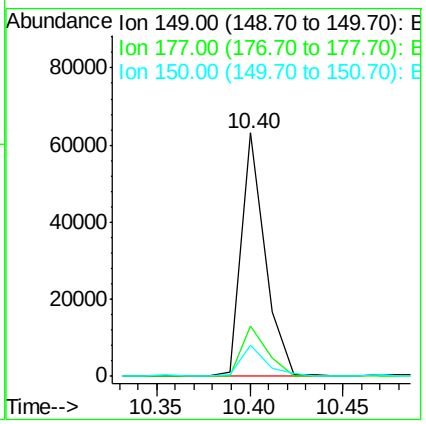


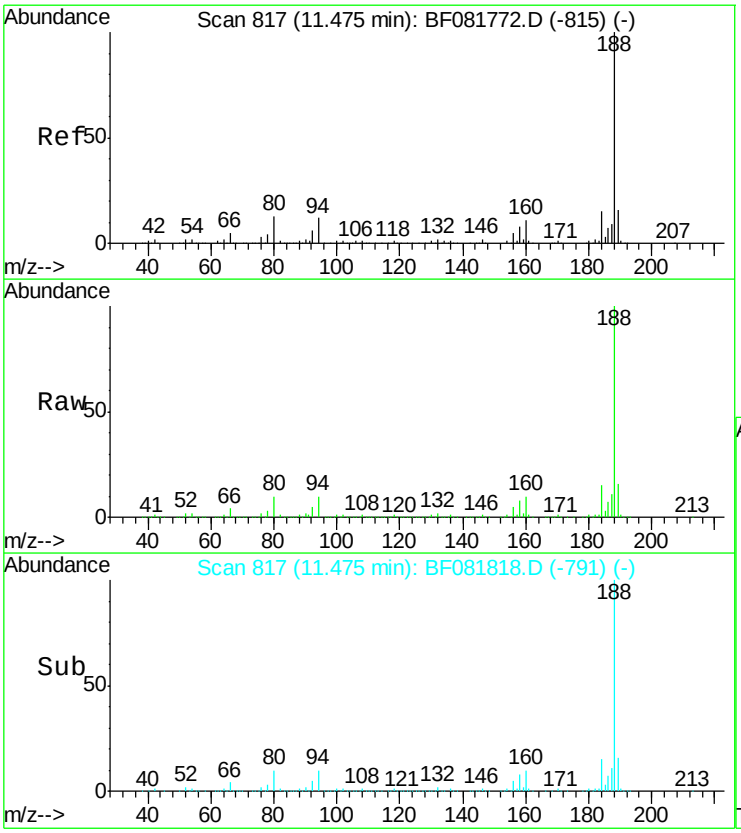
#59
Diethylphthalate
Concen: 2.81 ng
RT: 10.40 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion:149 Resp: 56123

Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.5	26.3
150	12.9	9.4	14.2

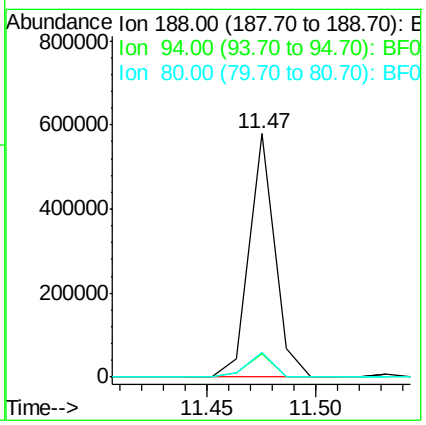


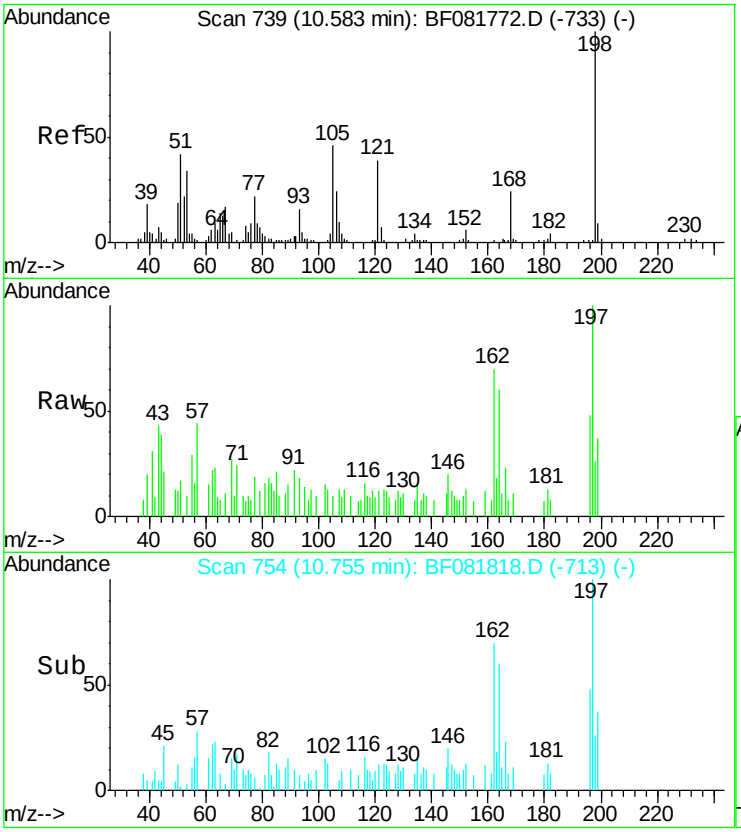


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:188 Resp: 474921

Ion	Ratio	Lower	Upper
188	100		
94	9.8	11.1	16.7#
80	10.2	11.0	16.4#



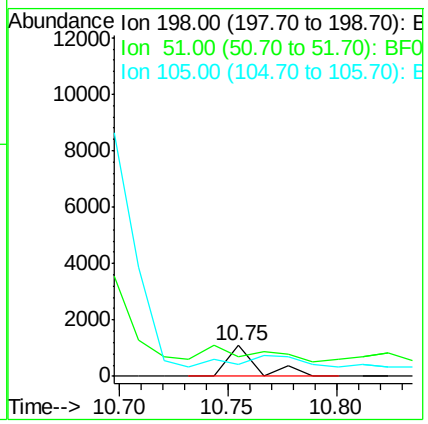


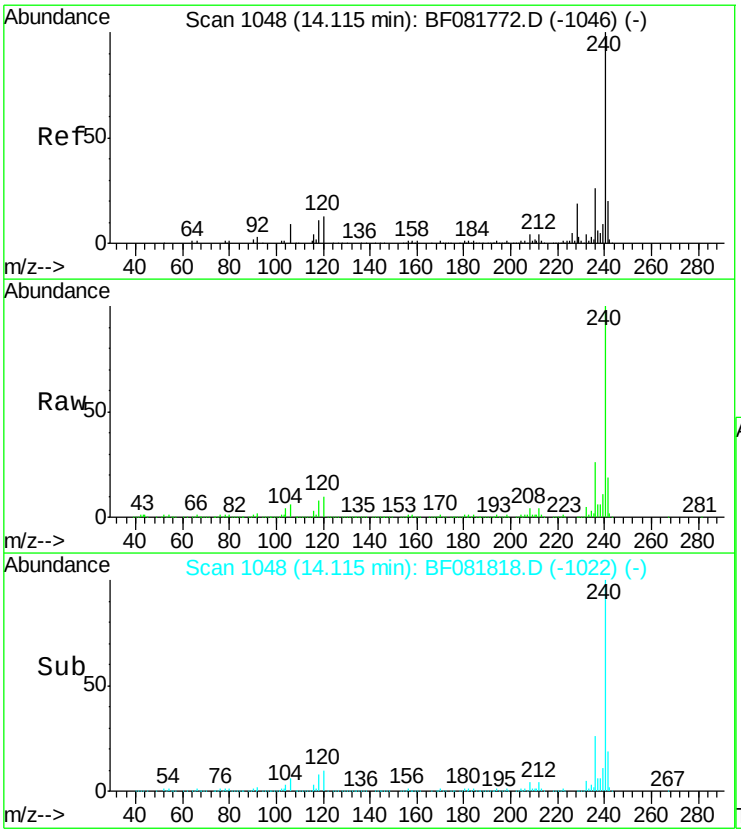
#64
4,6-Dinitro-2-methylphenol
Concen: 8.90 ng
RT: 10.75 min Scan# 754
Delta R.T. 0.17 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion:198 Resp: 1007

Ion	Ratio	Lower	Upper
198	100		
51	64.0	39.6	79.6
105	38.1	28.5	68.5

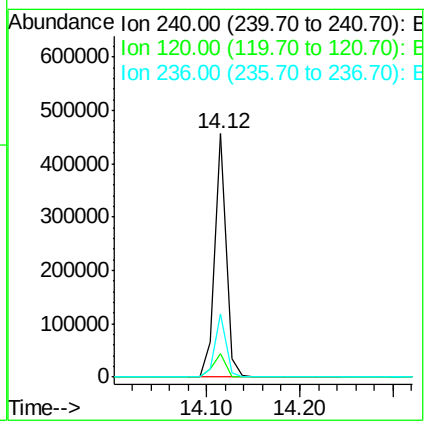


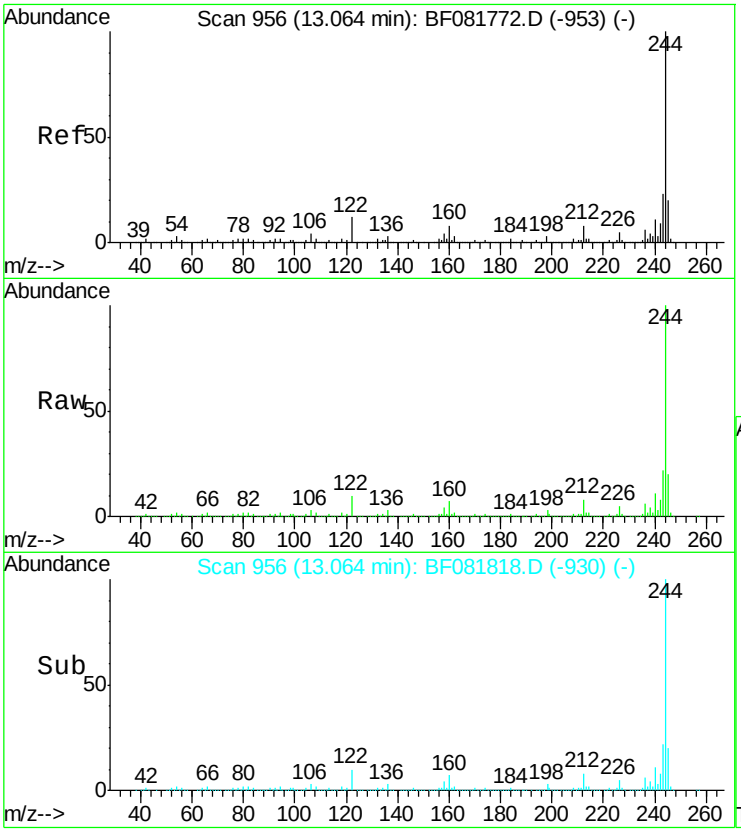


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.12 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:240 Resp: 387948

Ion	Ratio	Lower	Upper
240	100		
120	9.7	16.2	24.2#
236	26.0	18.4	27.6



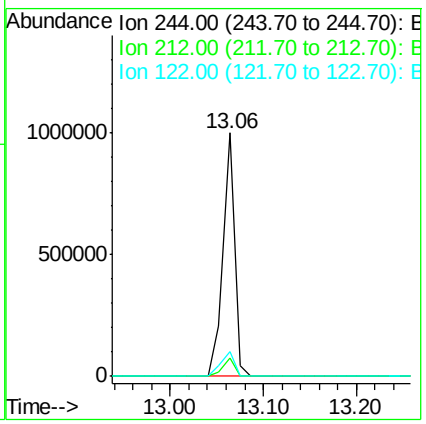


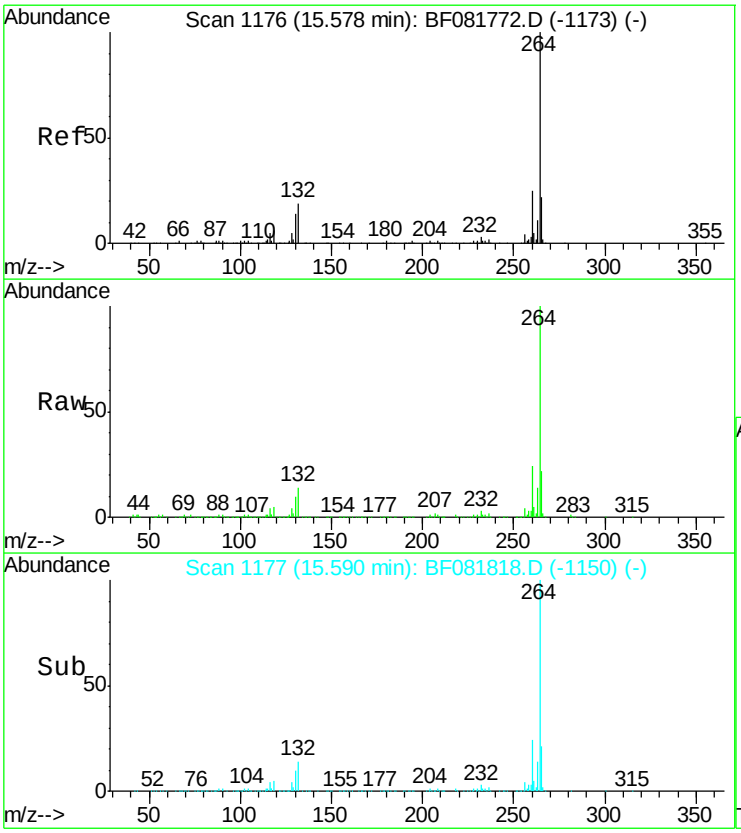
#78
Terphenyl-d14
Concen: 50.76 ng
RT: 13.06 min Scan# 956
Delta R.T. 0.00 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Instrument :
BNA_F
ClientSampleId :
SYSDIS-092315

Tgt Ion:244 Resp: 862026

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	10.0	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081818.D
Acq: 25 Sep 2015 22:58

Tgt Ion:264 Resp: 359704

Ion	Ratio	Lower	Upper
264	100		
260	24.1	16.7	25.1
265	21.6	17.2	25.8