Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081573.D
Acq On : 10 Sep 2015 18:29
Operator : UM/IZ
Sample : G3507-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS083115

Quant Time: Sep 11 00:43:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 00:38:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	50189	20.00	ng		0.08
21) Naphthalene-d8	11.18	136	208068	20.00	ng		0.01
38) Acenaphthene-d10	15.29	164	101552	20.00	ng		-0.01
63) Phenanthrene-d10	18.80	188	201703	20.00	ng		-0.01
75) Chrysene-d12	23.41	240	132778	20.00	ng		-0.01
86) Perylene-d12	24.85	264	96036	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	64203	19.85	ng		0.08
7) Phenol-d6	7.94	99	15991	3.73	ng		0.25
23) Nitrobenzene-d5	9.60	82	399257	92.58	ng		0.03
41) 2,4,6-Tribromophenol	17.20	330	86108	95.23	ng		-0.01
44) 2-Fluorobiphenyl	13.82	172	692342	87.37	ng		0.00
78) Terphenyl-d14	22.15	244	641328	112.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.55	88	6156	4.24	ng	#	11
3) Pyridine	2.22	79	40246	10.05	ng	#	79
8) 2-Chlorophenol	8.02	128	123410	34.62	ng		87
10) Phenol	7.94	94	2404317	484.20	ng	#	1
11) bis(2-Chloroethyl)ether	7.95	93	29847646	8331.29	ng	#	21
12) 1,3-Dichlorobenzene	8.21	146	60746	15.95	ng	#	86
13) 1,4-Dichlorobenzene	8.38	146	332038	85.62	ng	#	90
14) 1,2-Dichlorobenzene	8.71	146	1896571	543.19	ng	#	90
17) 2-Methylphenol	9.26	107	44548	15.66	ng	#	28
19) n-Nitroso-di-n-propylamine	9.62	70	55135	18.92	ng	#	66
24) Nitrobenzene	9.67	77	900983	201.18	ng	#	64
30) 1,2,4-Trichlorobenzene	11.09	180	12824	4.04	ng		95
32) Benzoic acid	11.07	122	12804	7.58	ng	#	43
35) Caprolactam	12.66	113	7677	8.56	ng	#	1
47) 2-Nitroaniline	14.39	65	37126	13.50	ng	#	1
49) Dimethylphthalate	14.87	163	69954	8.87	ng	#	97
53) 2,4-Dinitrophenol	15.48	184	248	6.98	ng	#	34

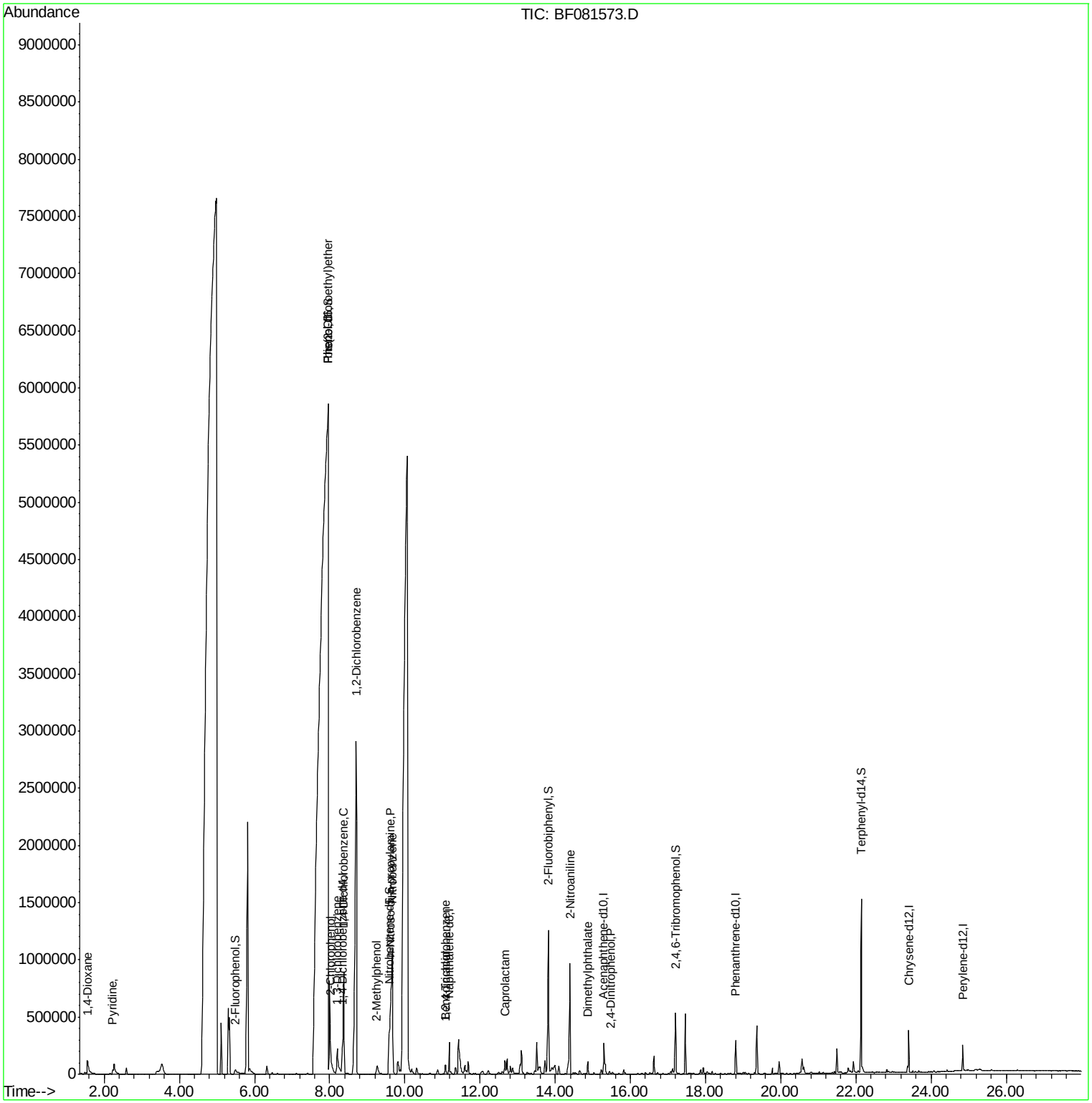
(#) = qualifier out of range (m) = manual integration (+) = signals summed

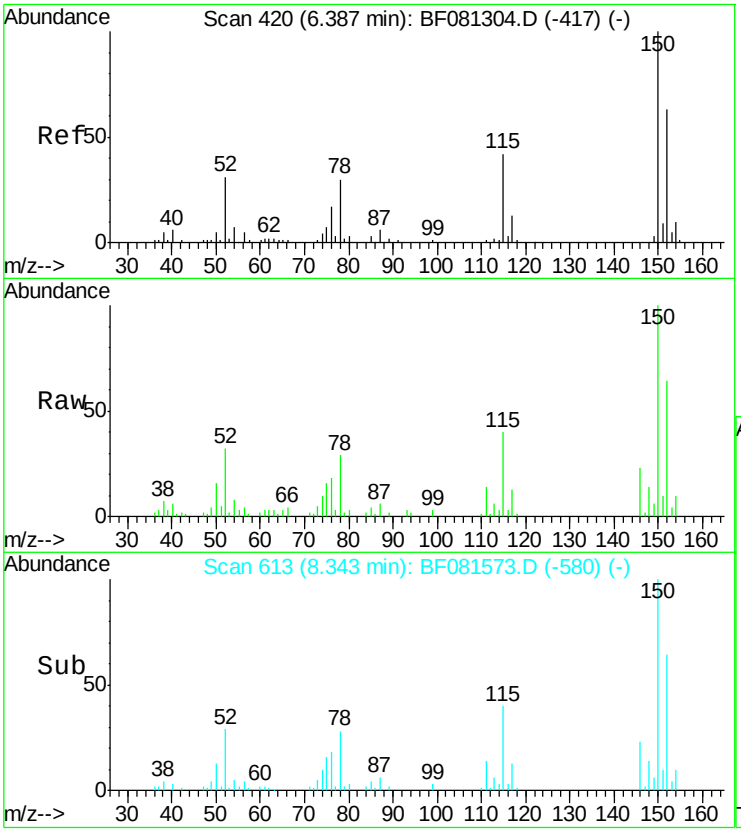
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091015\
Data File : BF081573.D
Acq On : 10 Sep 2015 18:29
Operator : UM/IZ
Sample : G3507-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SYSDIS083115

Quant Time: Sep 11 00:43:27 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 11 00:38:02 2015
Response via : Initial Calibration



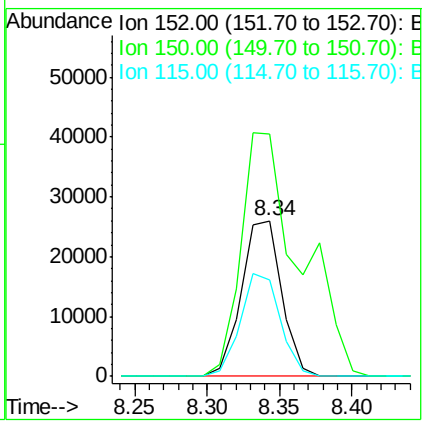


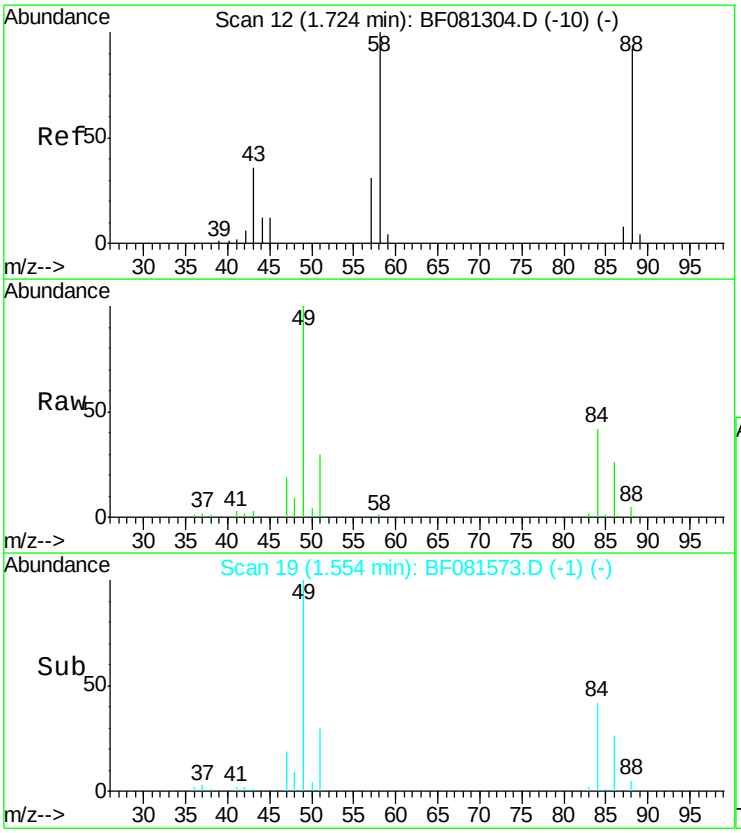
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.34 min Scan# 613
Delta R.T. 0.08 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion:152 Resp: 50189

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.7	187.1
115	62.3	39.0	58.4#

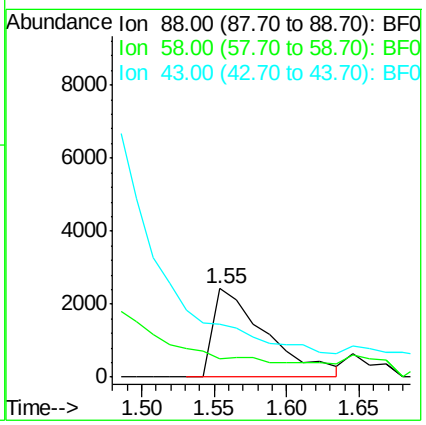


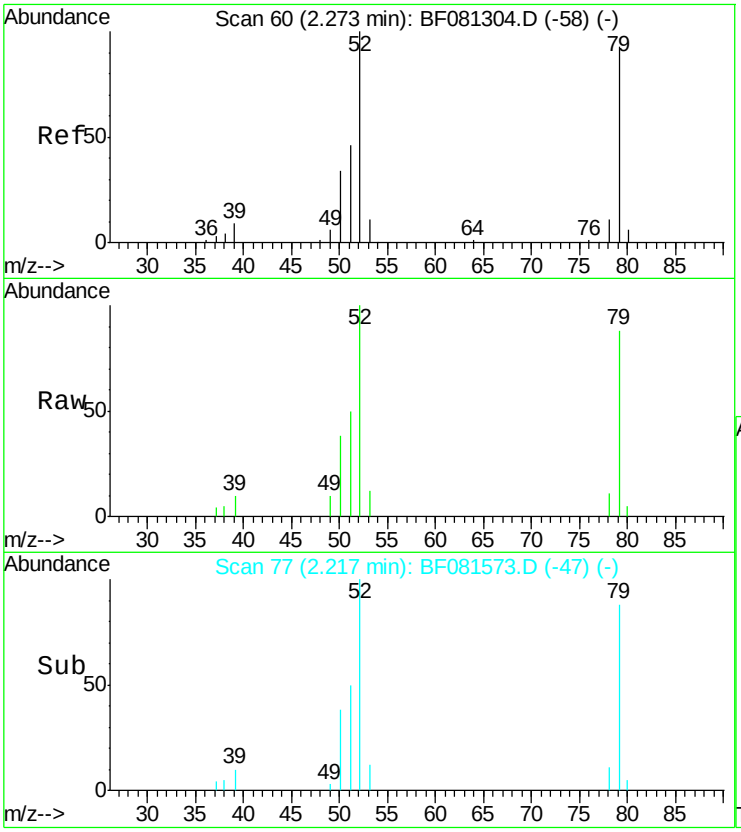


#2
1,4-Dioxane
Concen: 4.24 ng
RT: 1.55 min Scan# 19
Delta R.T. -0.05 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion: 88 Resp: 6156

Ion	Ratio	Lower	Upper
88	100		
58	0.0	77.7	116.5#
43	0.0	26.6	40.0#



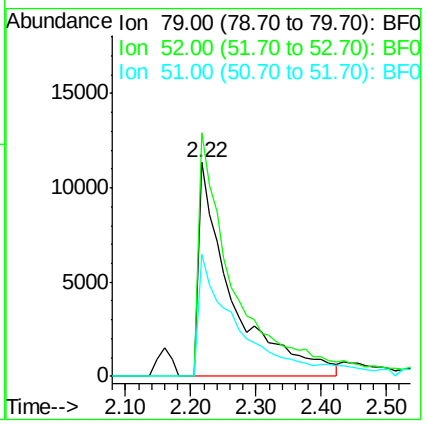


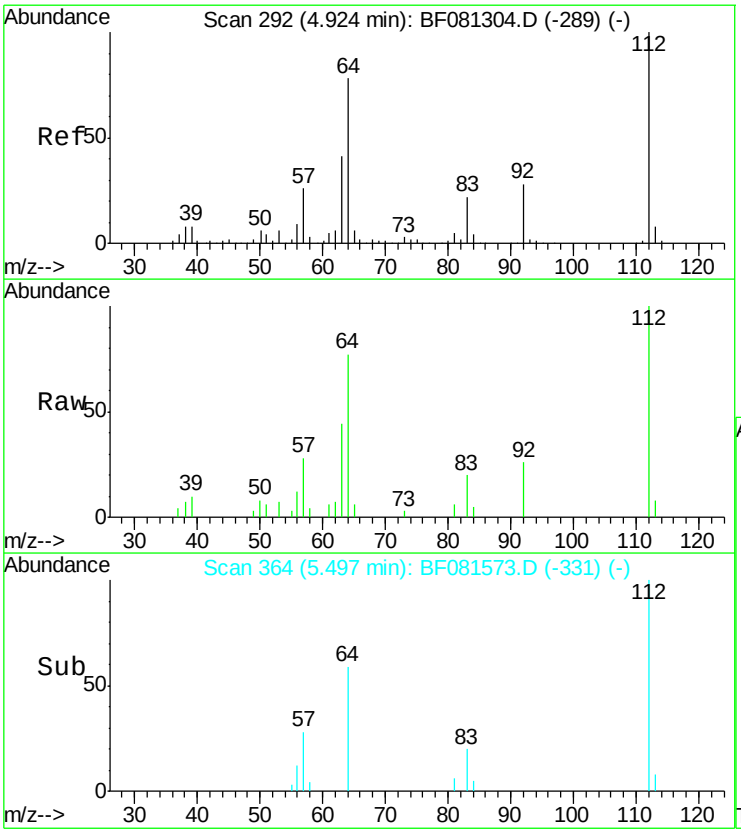
#3
Pyridine
Concen: 10.05 ng
RT: 2.22 min Scan# 77
Delta R.T. 0.05 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion: 79 Resp: 40246

Ion	Ratio	Lower	Upper
79	100		
52	113.7	76.8	115.2
51	57.2	32.2	48.4#

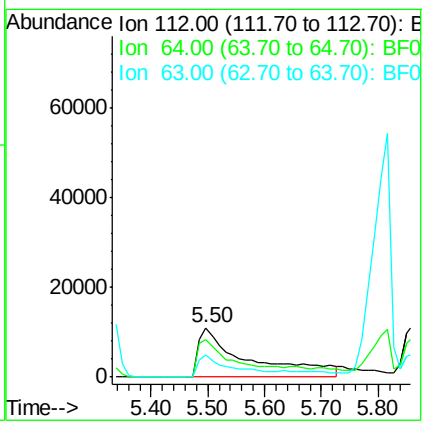


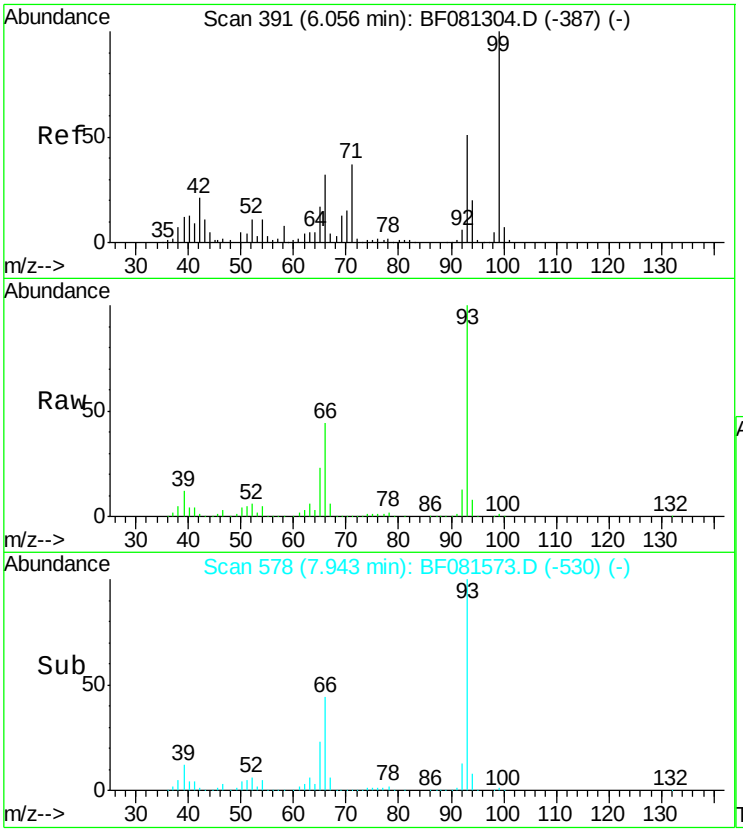


#5
2-Fluorophenol
Concen: 19.85 ng
RT: 5.50 min Scan# 364
Delta R.T. 0.08 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:112 Resp: 64203

Ion	Ratio	Lower	Upper
112	100		
64	76.8	39.7	59.5#
63	44.1	17.4	26.0#



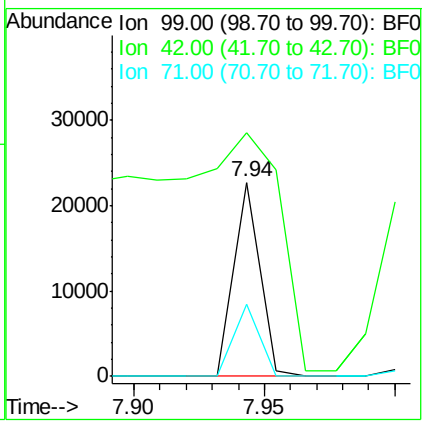


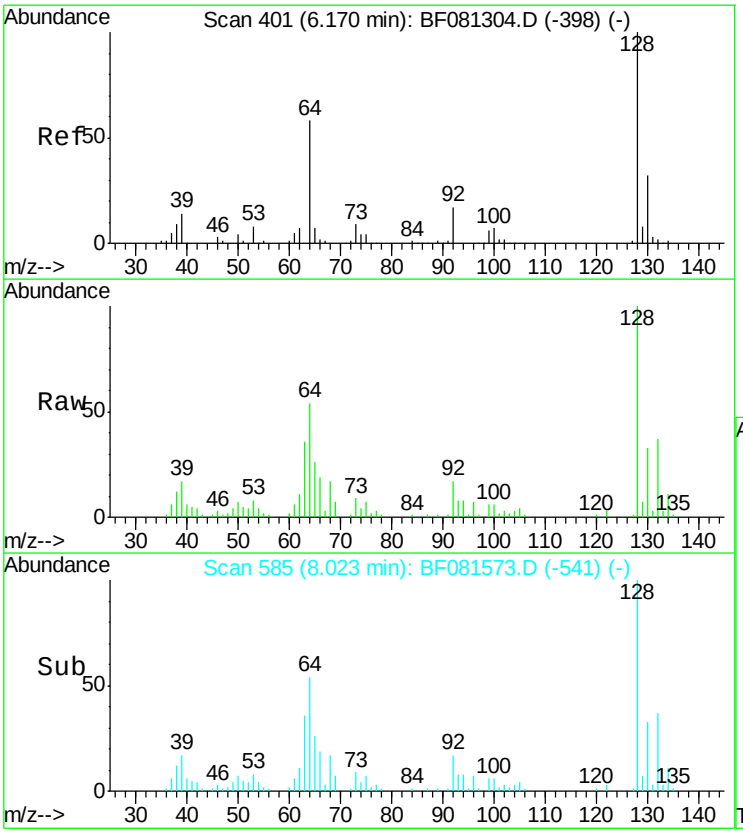
#7
Phenol-d6
Concen: 3.73 ng
RT: 7.94 min Scan# 578
Delta R.T. 0.25 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion: 99 Resp: 15991

Ion	Ratio	Lower	Upper
99	100		
42	125.6	13.7	20.5#
71	37.2	14.2	21.2#

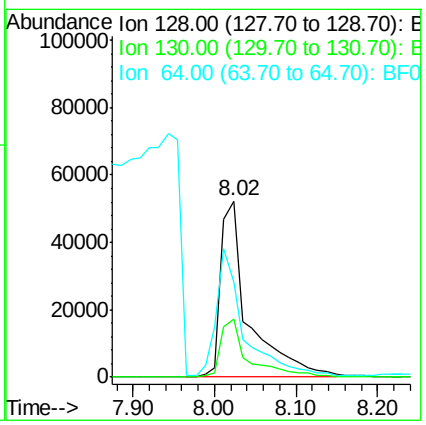


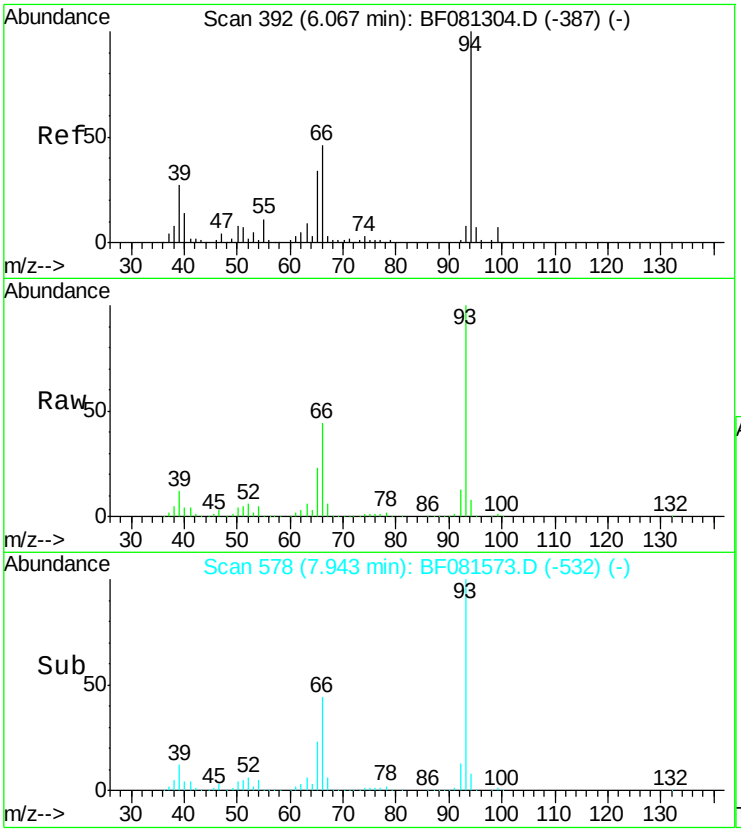


#8
2-Chlorophenol
Concen: 34.62 ng
RT: 8.02 min Scan# 585
Delta R.T. 0.21 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:128 Resp: 123410

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.2	52.2
64	53.9	20.5	60.5



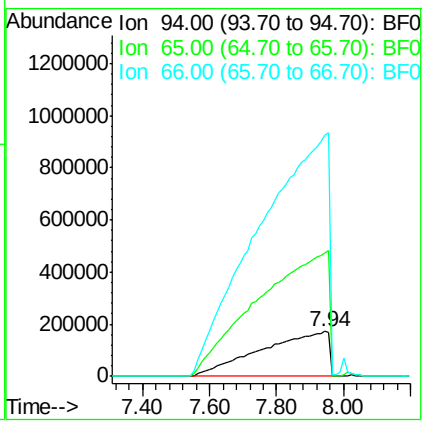


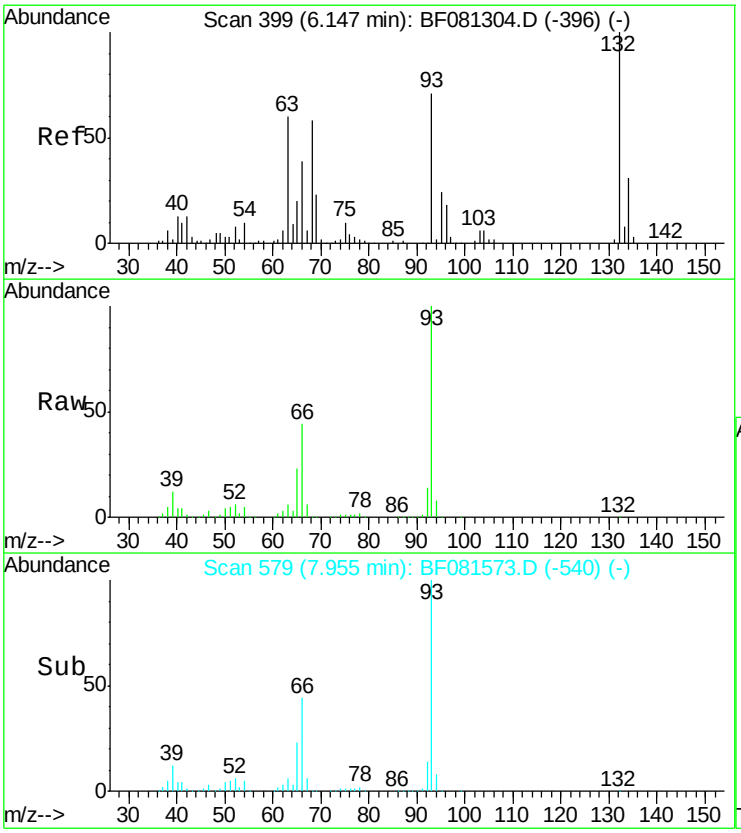
#10
Phenol
Concen: 484.20 ng
RT: 7.94 min Scan# 578
Delta R.T. 0.23 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion: 94 Resp: 2404317

Ion	Ratio	Lower	Upper
94	100		
65	277.2	0.7	40.7#
66	539.2	0.8	40.8#

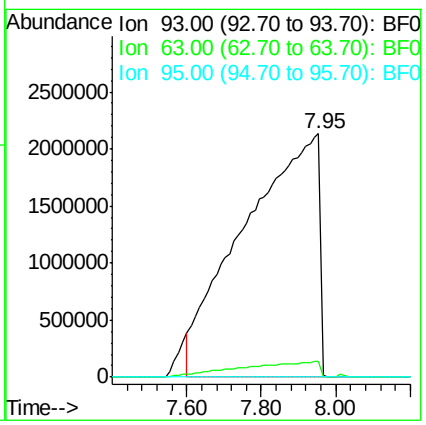


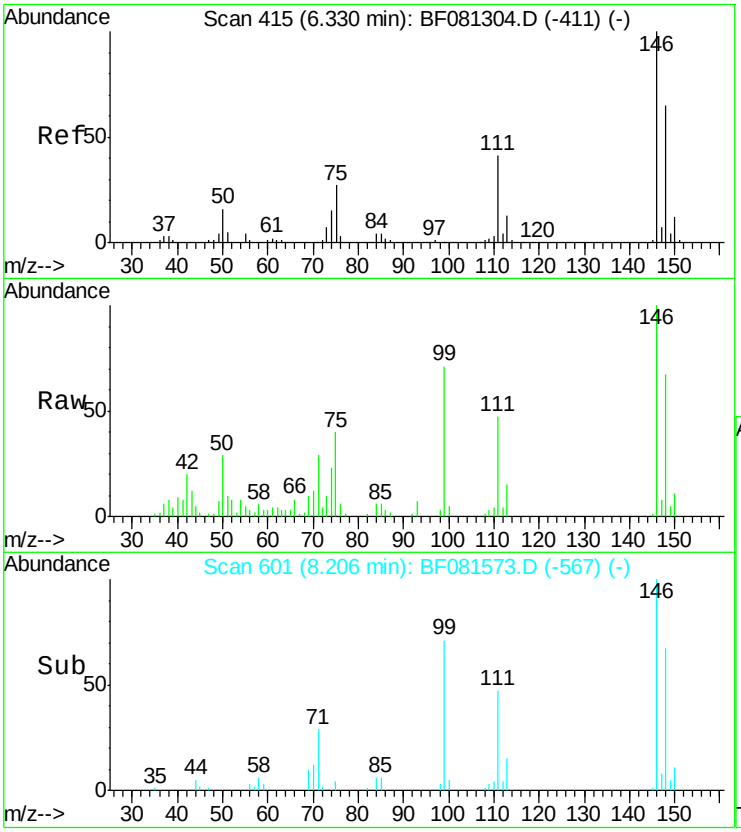


#11
bis(2-Chloroethyl)ether
Concen: 8331.29 ng
RT: 7.95 min Scan# 579
Delta R.T. 0.15 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion: 93 Resp:29847646

Ion	Ratio	Lower	Upper
93	100		
63	6.4	65.6	105.6#
95	0.2	13.6	53.6#



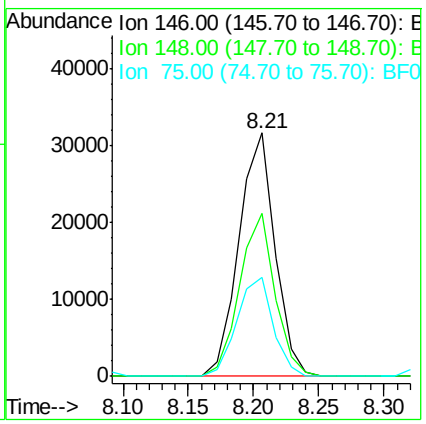


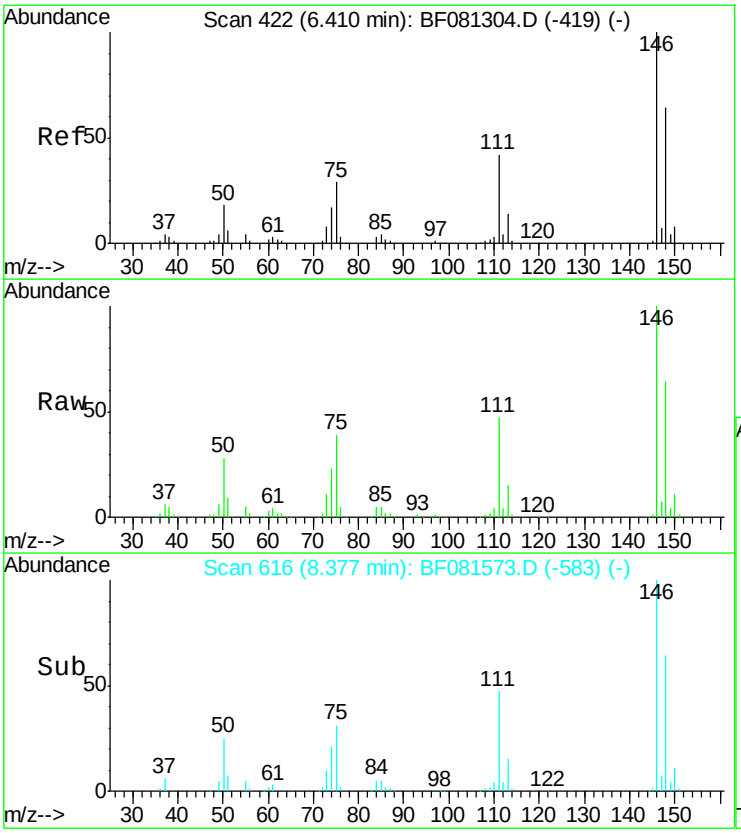
#12
1,3-Dichlorobenzene
Concen: 15.95 ng
RT: 8.21 min Scan# 601
Delta R.T. 0.09 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion:146 Resp: 60746

Ion	Ratio	Lower	Upper
146	100		
148	66.8	51.0	76.4
75	40.5	15.0	22.6#

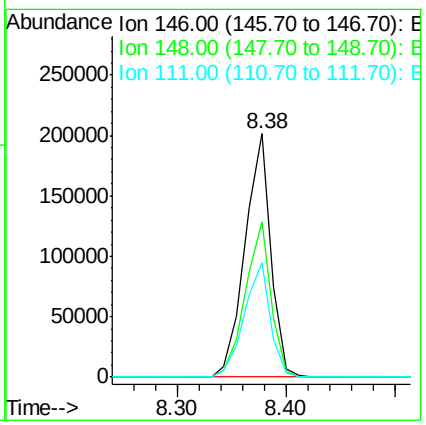


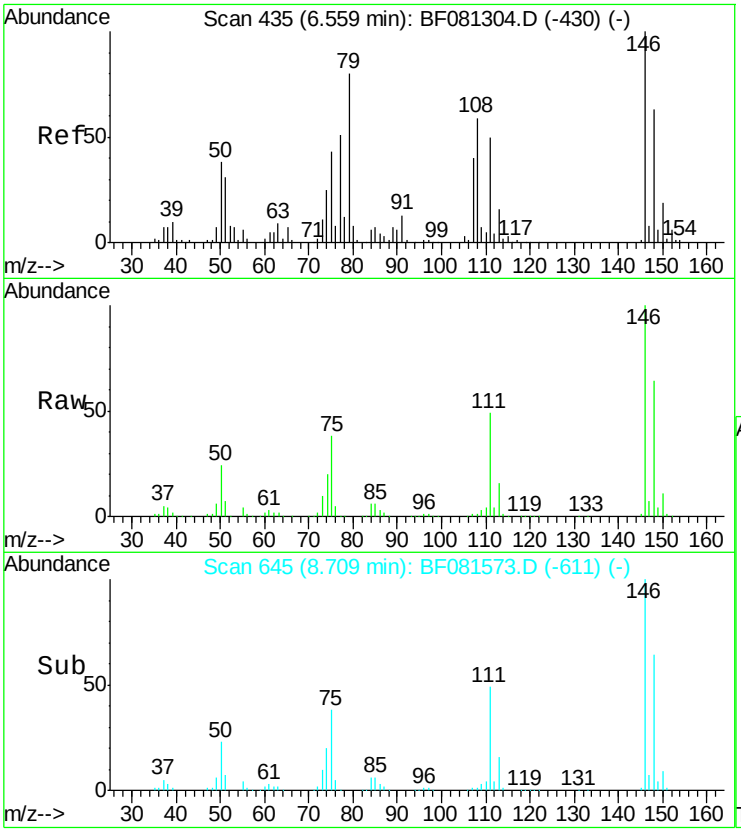


#13
1,4-Dichlorobenzene
Concen: 85.62 ng
RT: 8.38 min Scan# 616
Delta R.T. 0.08 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:146 Resp: 332038

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.8	77.6
111	47.1	24.9	37.3#



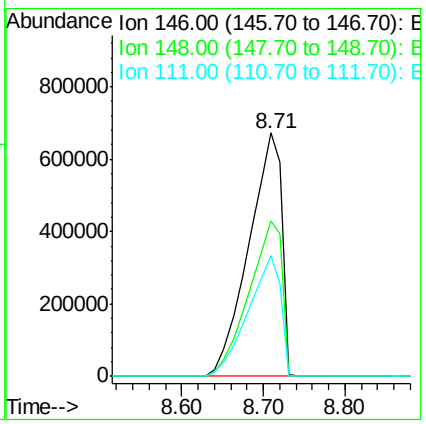


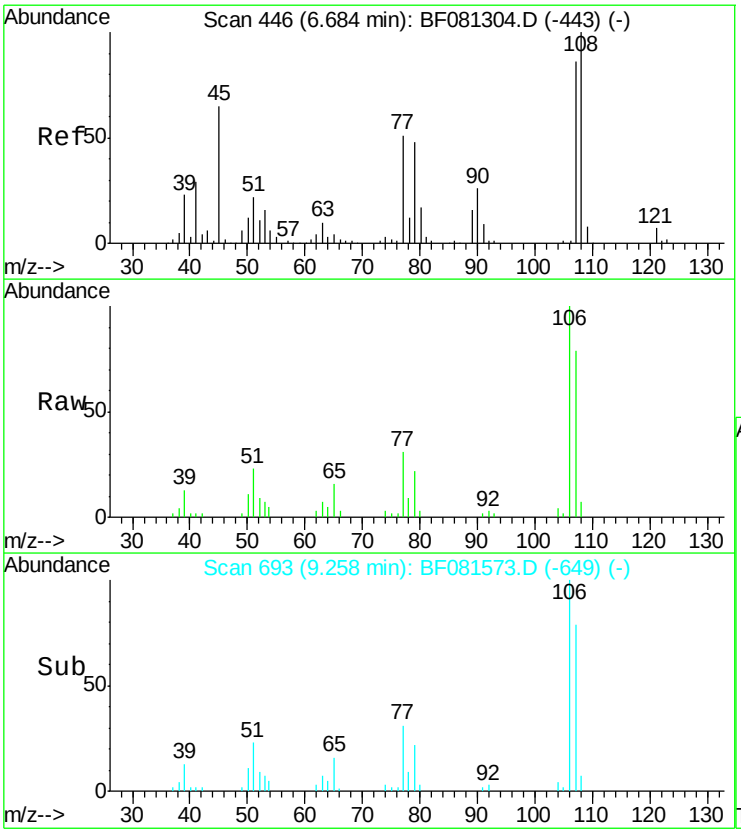
#14
1,2-Dichlorobenzene
Concen: 543.19 ng
RT: 8.71 min Scan# 645
Delta R.T. 0.09 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion:146 Resp: 1896571

Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.7	79.1
111	49.4	28.8	43.2#

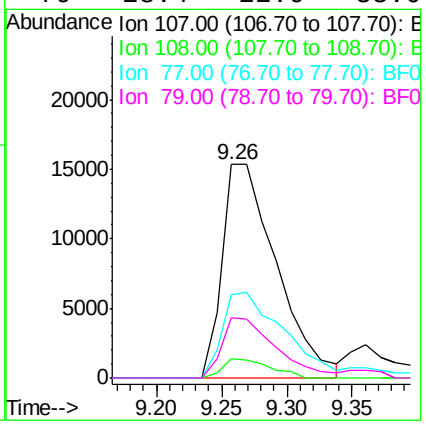


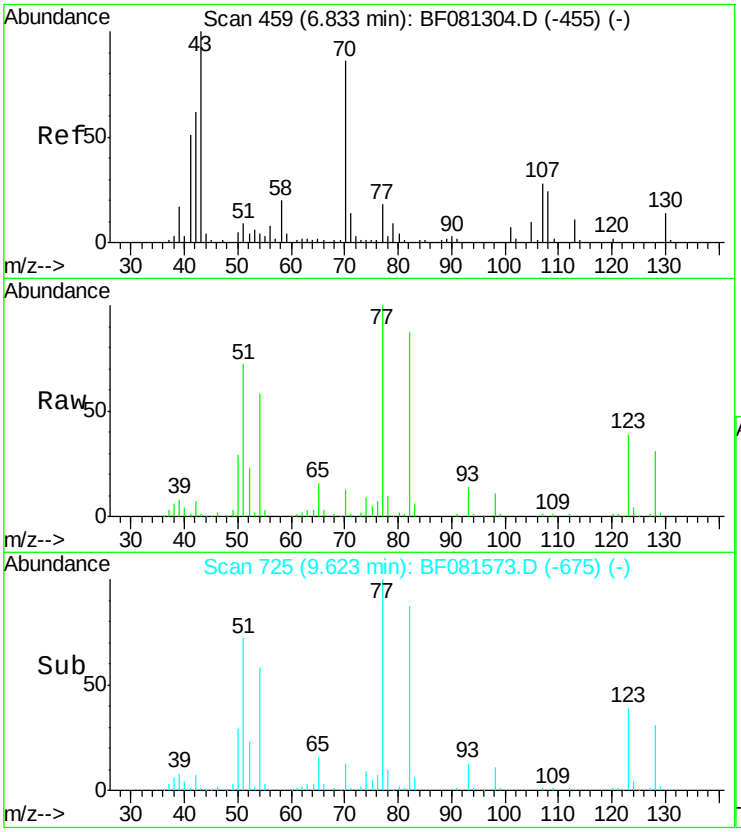


#17
2-Methylphenol
Concen: 15.66 ng
RT: 9.26 min Scan# 693
Delta R.T. 0.21 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:107 Resp: 44548

Ion	Ratio	Lower	Upper
107	100		
108	8.7	96.6	145.0#
77	39.1	23.3	34.9#
79	28.4	22.0	33.0



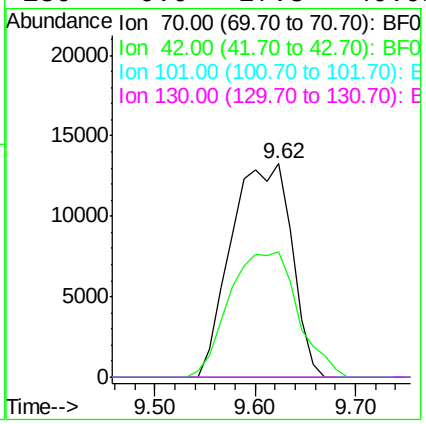


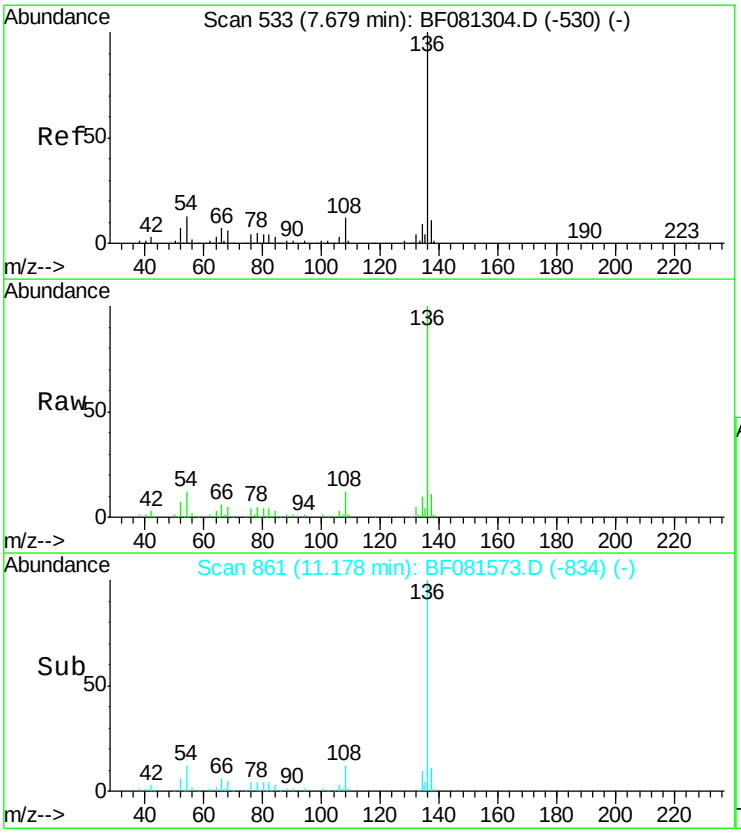
#19
n-Nitroso-di-n-propylamine
Concen: 18.92 ng
RT: 9.62 min Scan# 725
Delta R.T. 0.27 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion: 70 Resp: 55135

Ion	Ratio	Lower	Upper
70	100		
42	58.8	63.8	95.6#
101	0.0	9.2	13.8#
130	0.0	27.3	40.9#

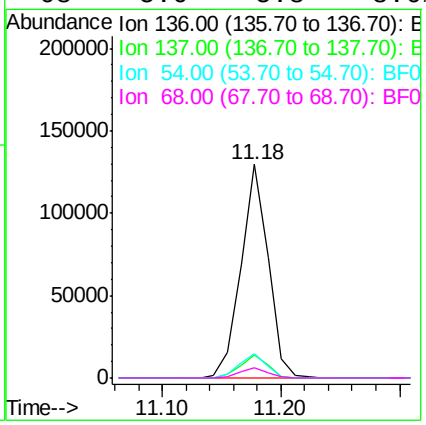


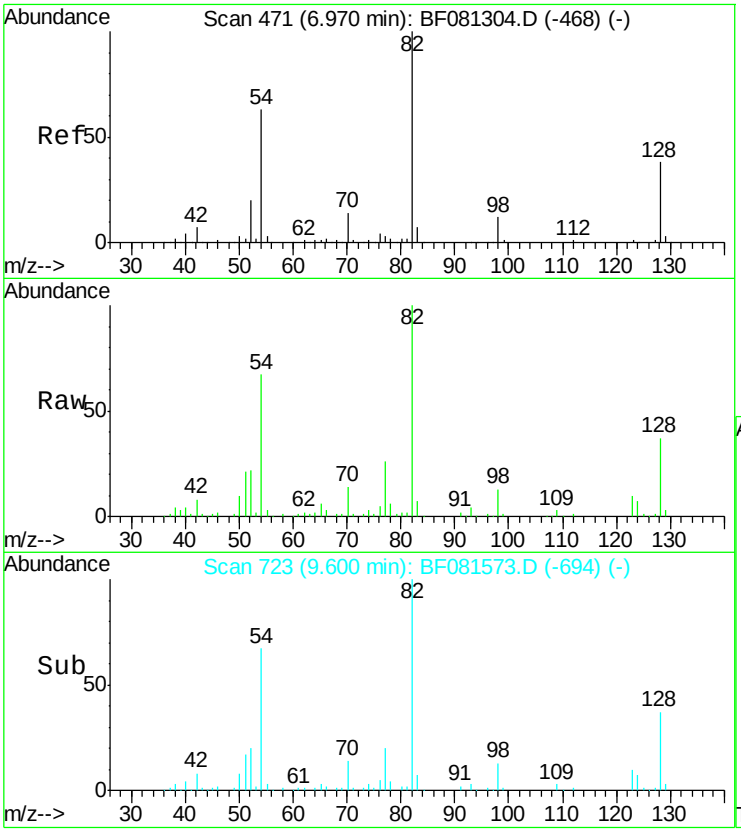


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.18 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:136 Resp: 208068

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	11.6	8.2	12.2
68	5.0	5.8	8.6#



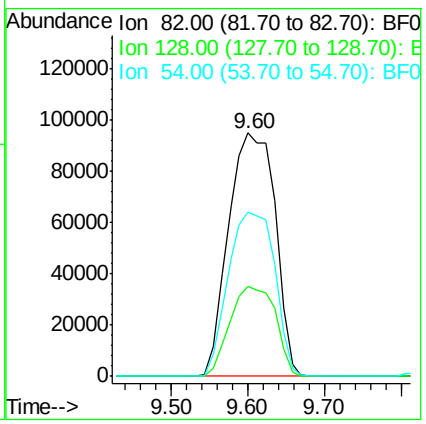


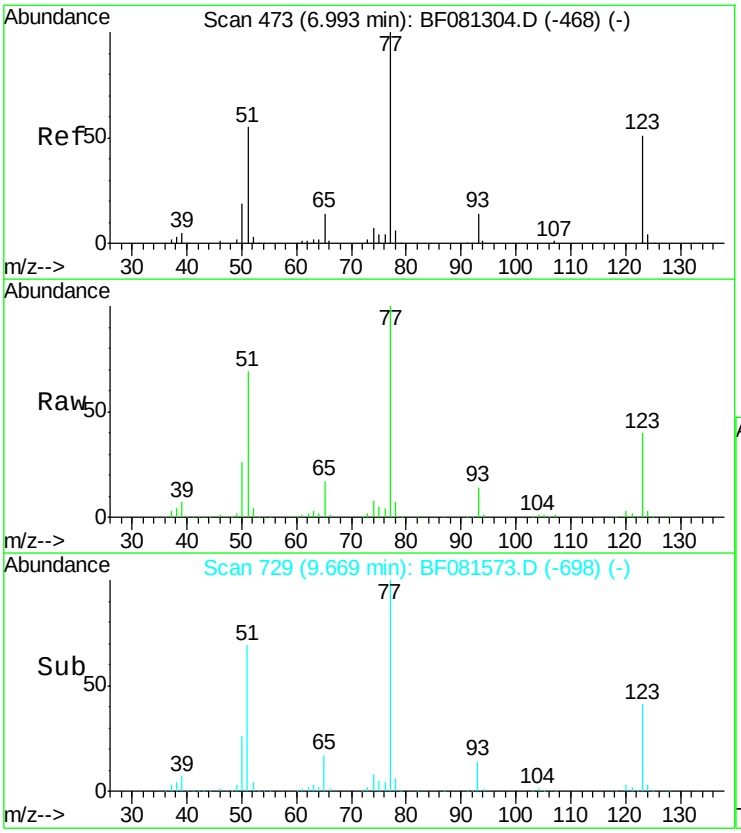
#23
Nitrobenzene-d5
Concen: 92.58 ng
RT: 9.60 min Scan# 723
Delta R.T. 0.03 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion: 82 Resp: 399257

Ion	Ratio	Lower	Upper
82	100		
128	37.0	51.0	76.6#
54	67.3	47.5	71.3

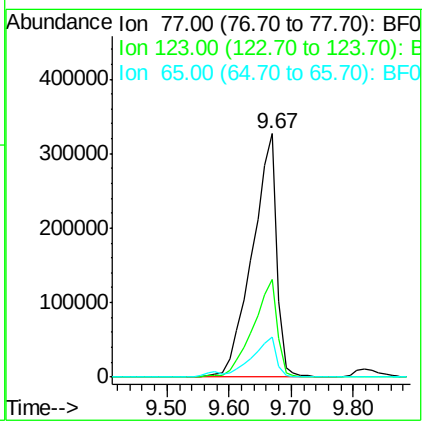


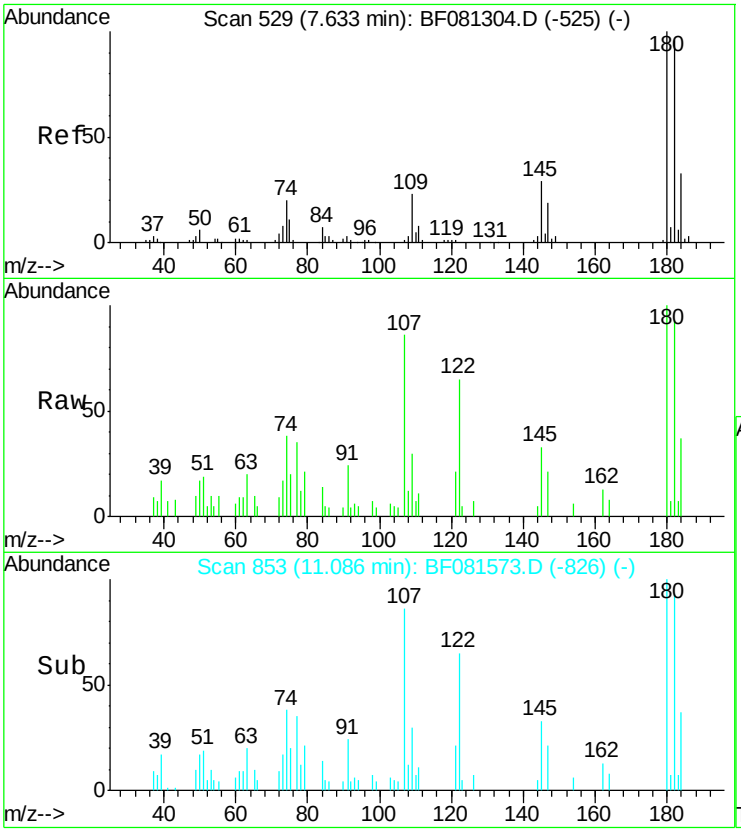


#24
Nitrobenzene
Concen: 201.18 ng
RT: 9.67 min Scan# 729
Delta R.T. 0.06 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion: 77 Resp: 900983

Ion	Ratio	Lower	Upper
77	100		
123	40.3	59.8	89.8#
65	16.7	10.2	15.4#



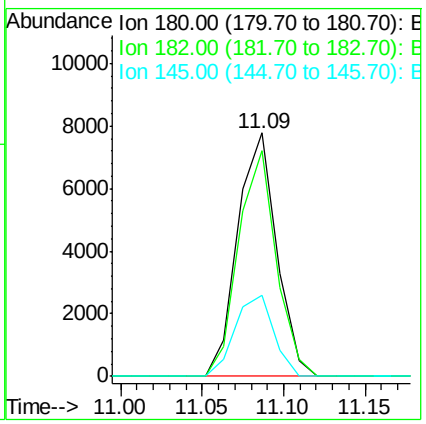


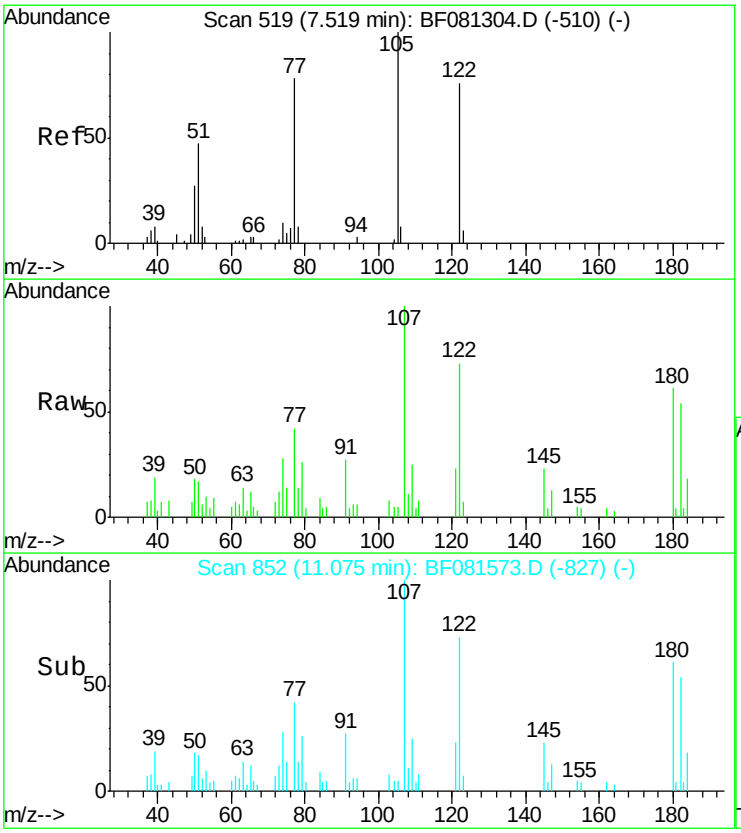
#30
1,2,4-Trichlorobenzene
Concen: 4.04 ng
RT: 11.09 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion:180 Resp: 12824

Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.1	115.7
145	33.3	23.3	34.9

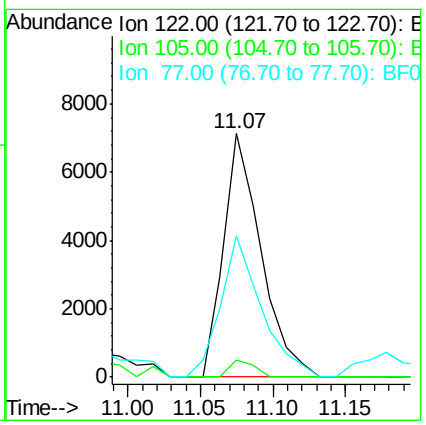


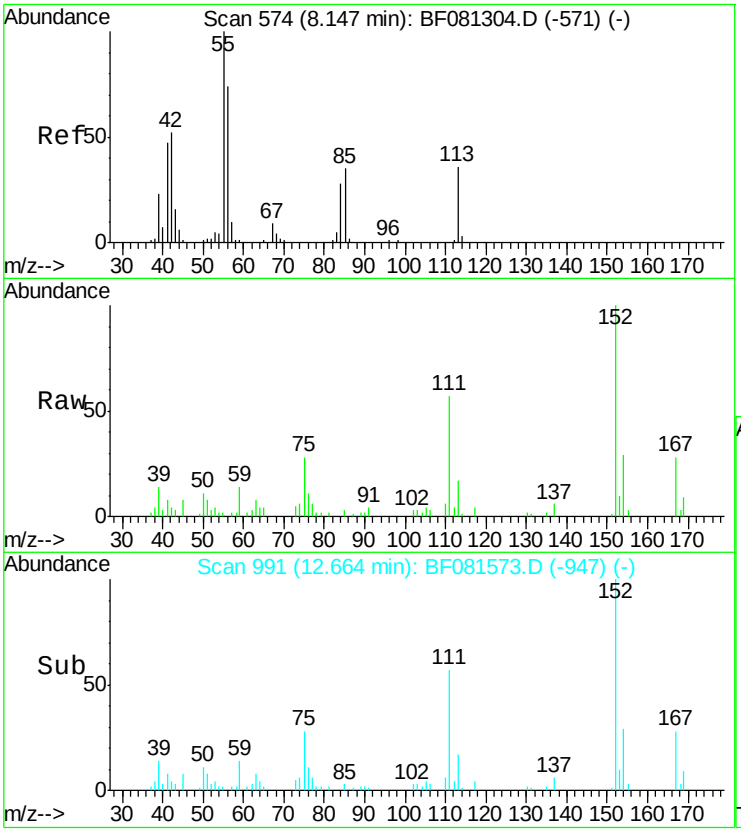


#32
Benzoic acid
Concen: 7.58 ng
RT: 11.07 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:122 Resp: 12804

Ion	Ratio	Lower	Upper
122	100		
105	7.1	76.1	116.1#
77	58.2	40.5	80.5



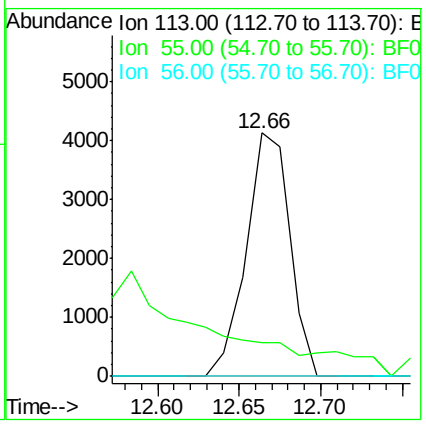


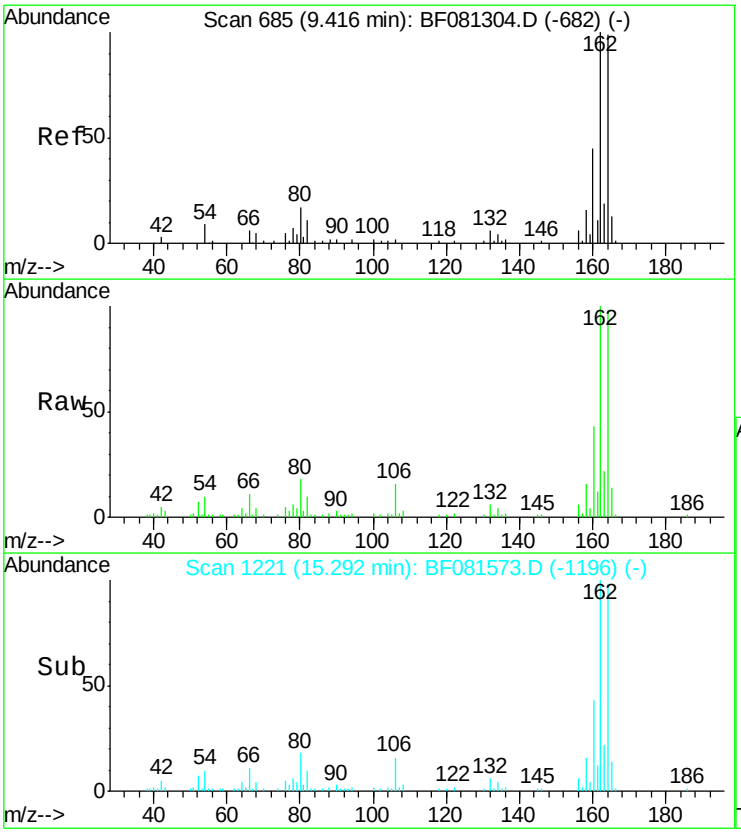
#35
Caprolactam
Concen: 8.56 ng
RT: 12.66 min Scan# 991
Delta R.T. 0.21 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion:113 Resp: 7677

Ion	Ratio	Lower	Upper
113	100		
55	13.7	152.4	192.4#
56	0.0	104.6	144.6#

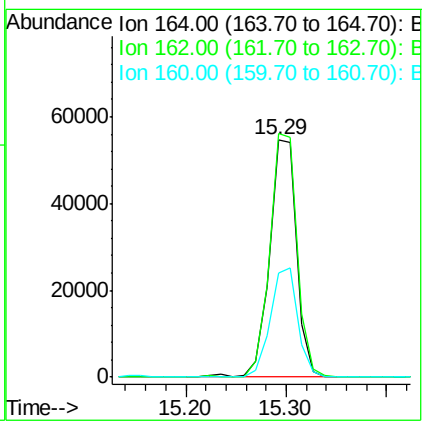


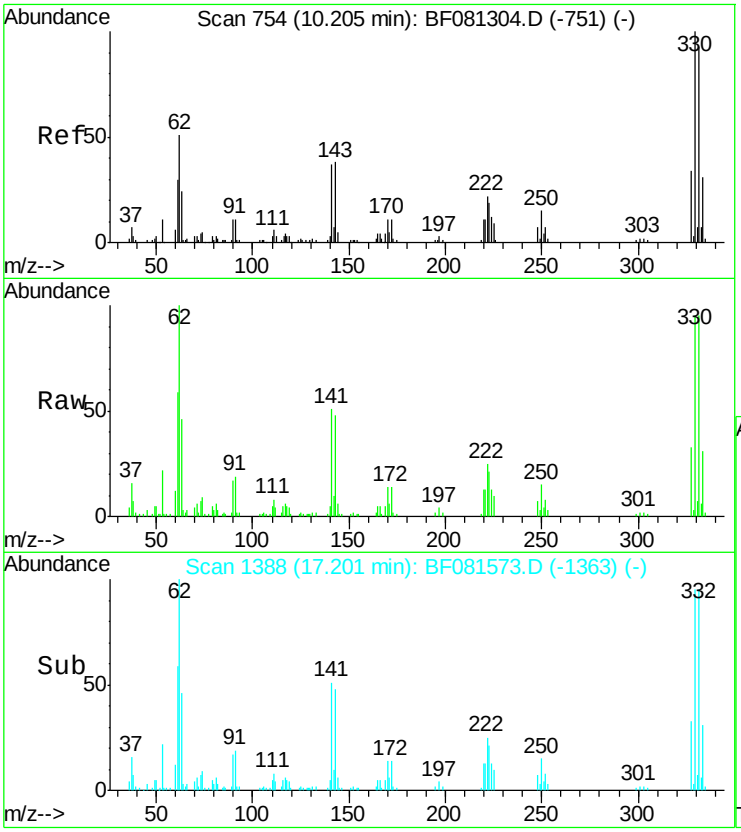


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.29 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:164 Resp: 101552

Ion	Ratio	Lower	Upper
164	100		
162	102.6	75.2	112.8
160	43.9	31.5	47.3



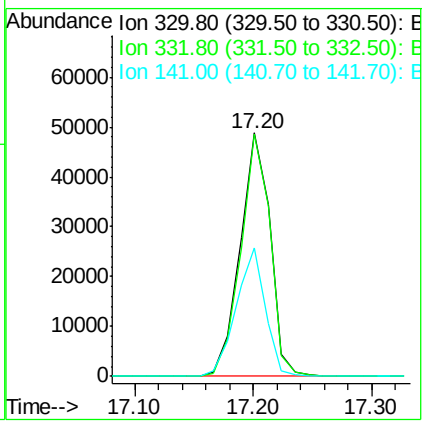


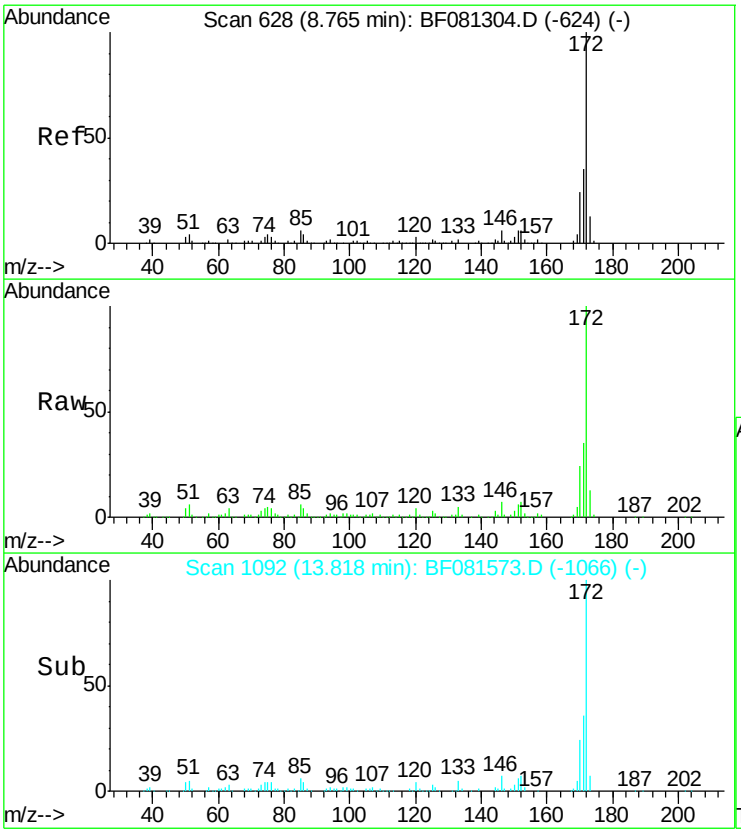
#41
2,4,6-Tribromophenol
Concen: 95.23 ng
RT: 17.20 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion:330 Resp: 86108

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	114.8
141	51.5	29.7	44.5#

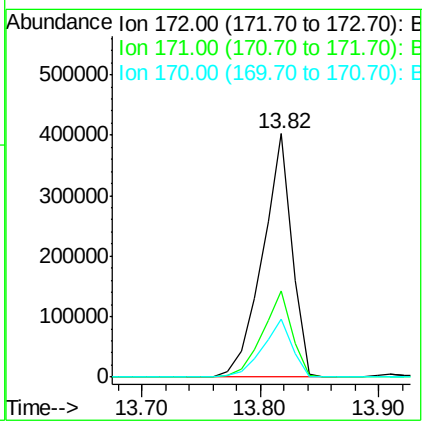


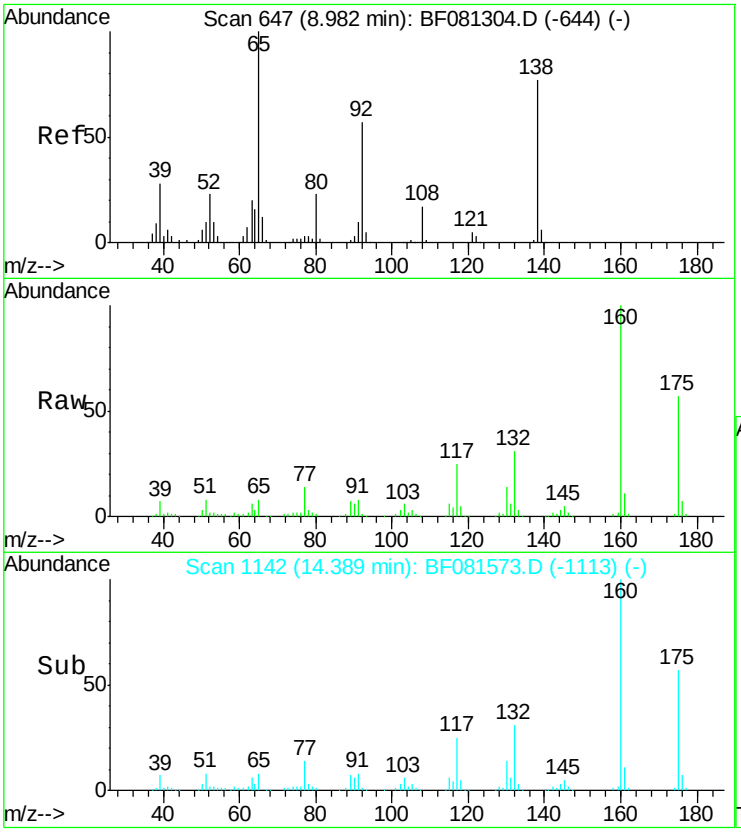


#44
2-Fluorobiphenyl
Concen: 87.37 ng
RT: 13.82 min Scan# 1092
Delta R.T. -0.00 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:172 Resp: 692342

Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.1	39.1
170	23.7	17.4	26.2



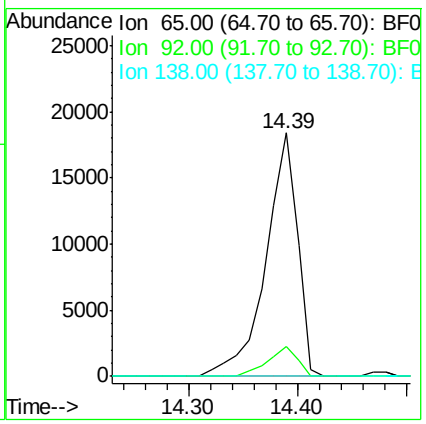


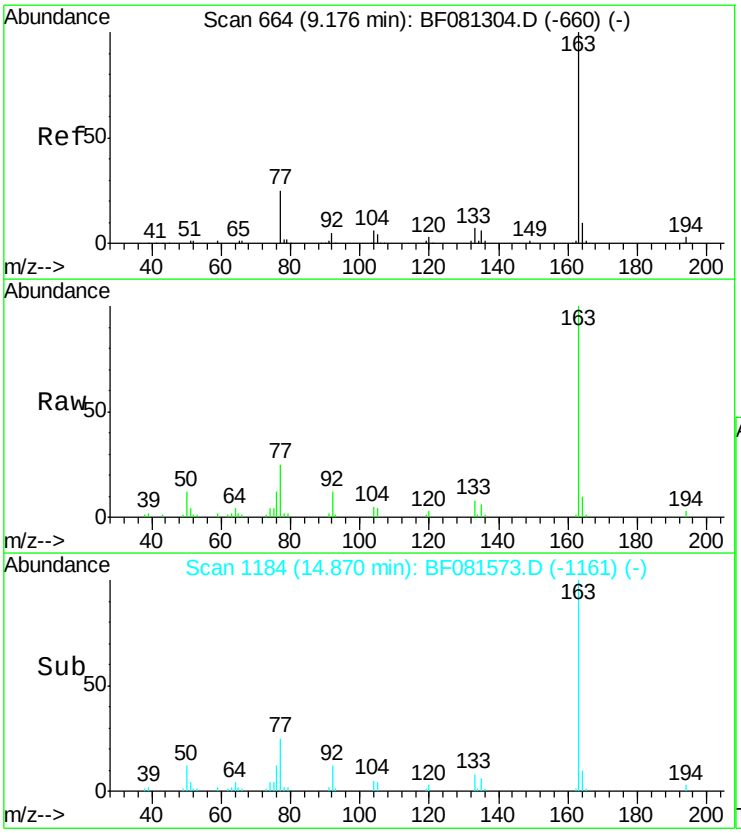
#47
2-Nitroaniline
Concen: 13.50 ng
RT: 14.39 min Scan# 1142
Delta R.T. 0.03 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion: 65 Resp: 37126

Ion	Ratio	Lower	Upper
65	100		
92	12.1	55.4	83.0#
138	0.0	115.5	173.3#

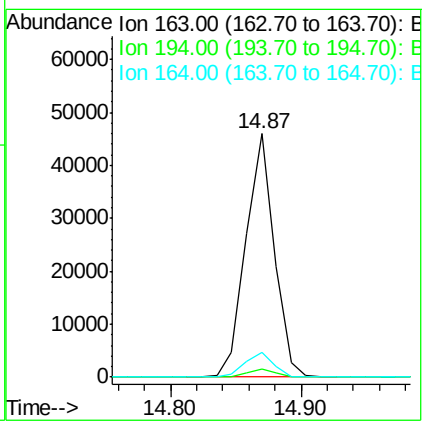


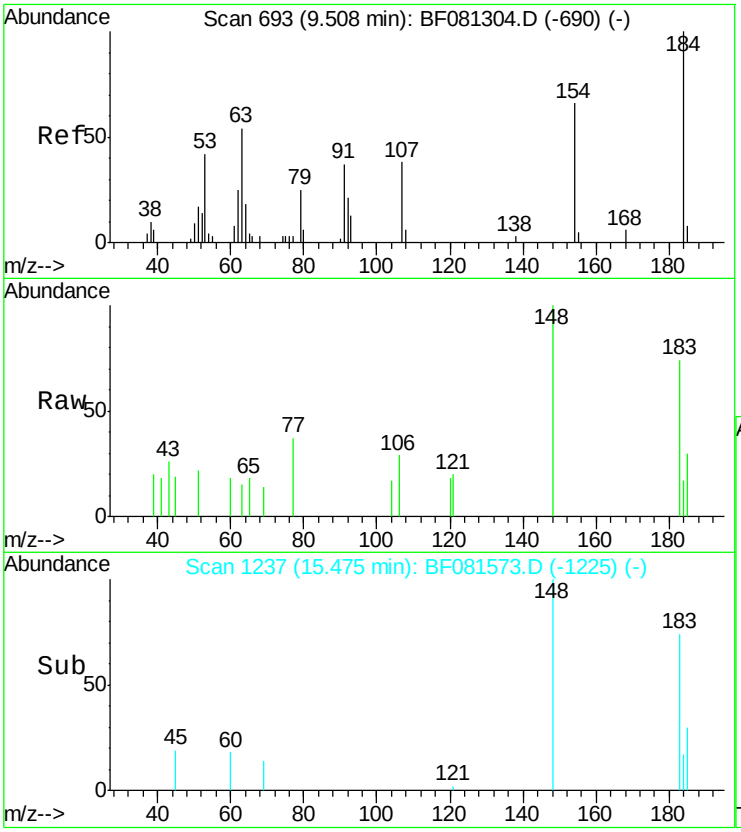


#49
Dimethylphthalate
Concen: 8.87 ng
RT: 14.87 min Scan# 1184
Delta R.T. -0.03 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:163 Resp: 69954

Ion	Ratio	Lower	Upper
163	100		
194	3.1	4.4	6.6#
164	10.1	8.3	12.5



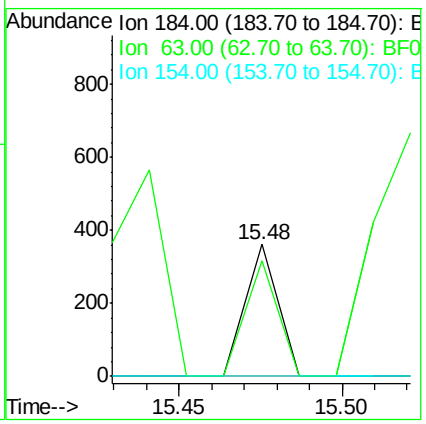


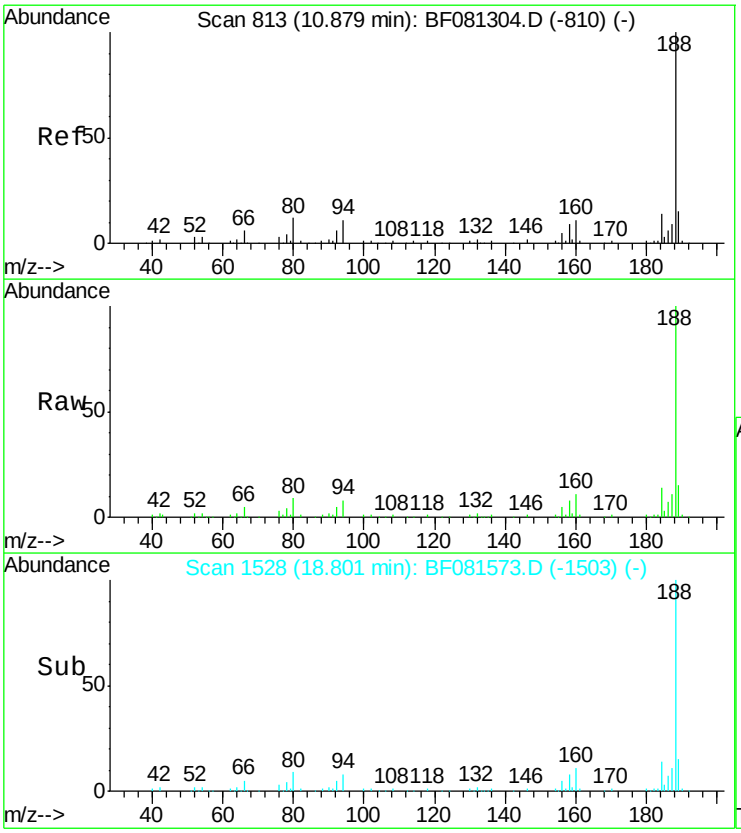
#53
2,4-Dinitrophenol
Concen: 6.98 ng
RT: 15.48 min Scan# 1237
Delta R.T. -0.16 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion:184 Resp: 248

Ion	Ratio	Lower	Upper
184	100		
63	87.5	35.4	53.2#
154	0.0	32.2	48.4#

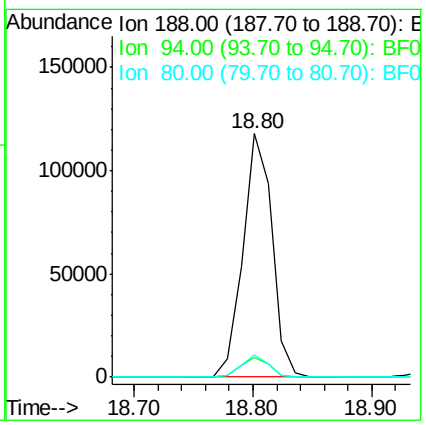


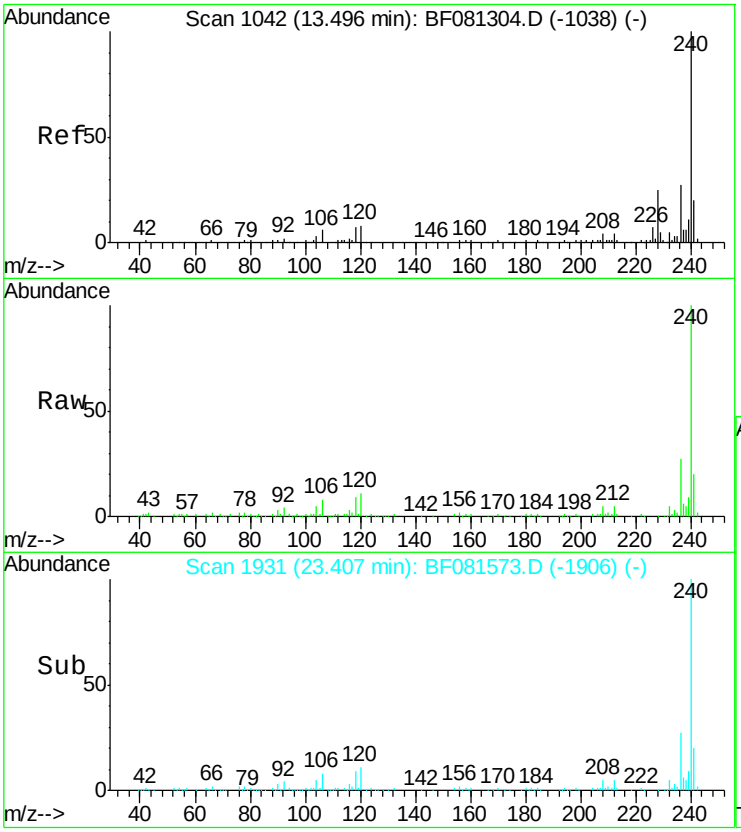


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.80 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:188 Resp: 201703

Ion	Ratio	Lower	Upper
188	100		
94	7.9	11.1	16.7#
80	9.3	11.0	16.4#



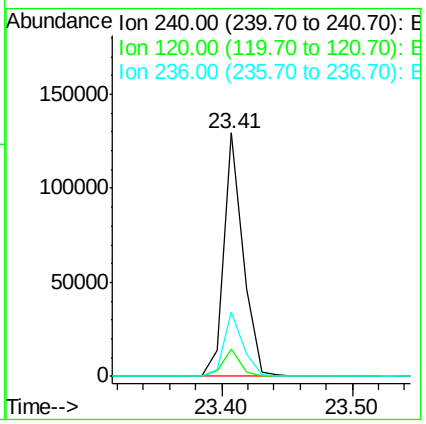


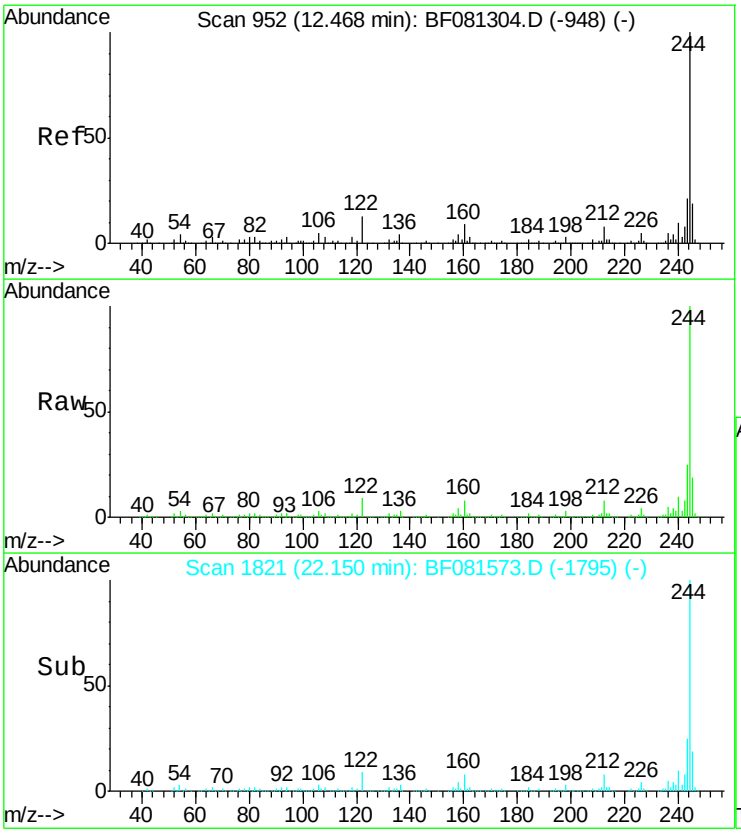
#75
Chrysene-d12
Concen: 20.00 ng
RT: 23.41 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion:240 Resp: 132778

Ion	Ratio	Lower	Upper
240	100		
120	11.0	16.2	24.2#
236	26.6	18.4	27.6

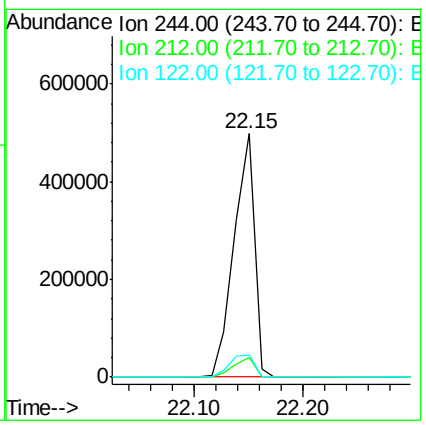


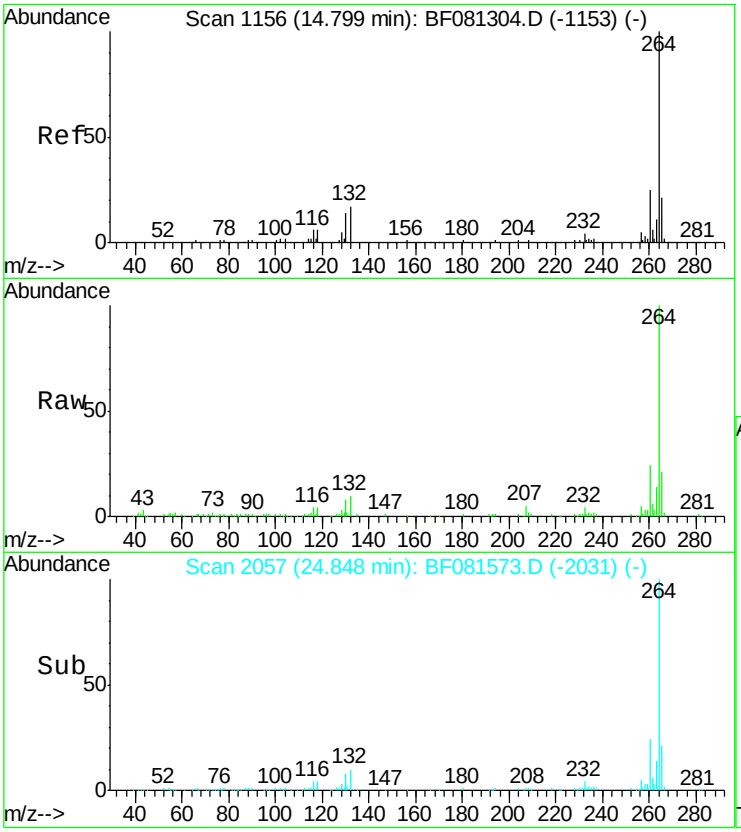


#78
Terphenyl-d14
Concen: 112.44 ng
RT: 22.15 min Scan# 1821
Delta R.T. -0.00 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Tgt Ion:244 Resp: 641328

Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	9.3	17.4	26.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.85 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BF081573.D
Acq: 10 Sep 2015 18:29

Instrument :
BNA_F
ClientSampleId :
SYSDIS083115

Tgt Ion:264 Resp: 96036

Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.0	17.2	25.8