Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085258.D
Acq On : 8 Mar 2016 16:24
Operator : UM/SJ
Sample : H1713-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-MW-01

Quant Time: Mar 09 00:03:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	145105	20.00	ng		-0.01
21) Naphthalene-d8	8.26	136	411098	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	257314	20.00	ng		-0.02
63) Phenanthrene-d10	11.49	188	474262	20.00	ng		-0.02
75) Chrysene-d12	14.13	240	289610	20.00	ng		-0.02
86) Perylene-d12	15.59	264	266972	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	123995	14.33	ng		0.05
7) Phenol-d6	6.61	99	276985	24.44	ng		0.00
23) Nitrobenzene-d5	7.54	82	748659	97.45	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	305509	138.76	ng		-0.02
44) 2-Fluorobiphenyl	9.33	172	1606590	94.96	ng		-0.02
78) Terphenyl-d14	13.08	244	1123731	90.07	ng		-0.01
Target Compounds							Qvalue
3) Pyridine	3.42	79	102663	9.27	ng	#	56
4) n-Nitrosodimethylamine	3.43	42	76947	16.24	ng	#	1
9) Benzaldehyde	6.55	77	1267680	Below Cal		#	1
11) bis(2-Chloroethyl)ether	6.68	93	31272	3.10	ng	#	1
15) Benzyl Alcohol	7.12	79	55612	6.68	ng	#	57
17) 2-Methylphenol	7.25	107	32919	3.87	ng	#	1
18) Hexachloroethane	7.44	117	356447	86.22	ng	#	1
19) n-Nitroso-di-n-propylamine	7.41	70	33585	4.55	ng	#	67
20) 3+4-Methylphenols	7.37	107	36365	3.61	ng	#	1
22) Acetophenone	7.37	105	1333075	132.85	ng	#	61
24) Nitrobenzene	7.52	77	398860	51.11	ng	#	25
25) Isophorone	7.78	82	49073	3.45	ng	#	1
26) 2-Nitrophenol	7.88	139	7750	2.04	ng	#	1
27) 2,4-Dimethylphenol	7.91	122	73718	10.62	ng	#	66
28) bis(2-Chloroethoxy)methane	7.75	93	68947	8.70	ng		98
31) Naphthalene	8.30	128	6195534	306.49	ng		96
32) Benzoic acid	8.01	122	45968	9.97	ng	#	1
33) 4-Chloroaniline	8.30	127	1043935	127.68	ng	#	37
37) 2-Methylnaphthalene	8.97	142	1963537	151.37	ng		96
47) 2-Nitroaniline	9.59	65	27258	5.25	ng	#	30
49) Dimethylphthalate	9.72	163	69191	3.50	ng	#	96
53) 2,4-Dinitrophenol	10.08	184	1591	8.69	ng	#	29

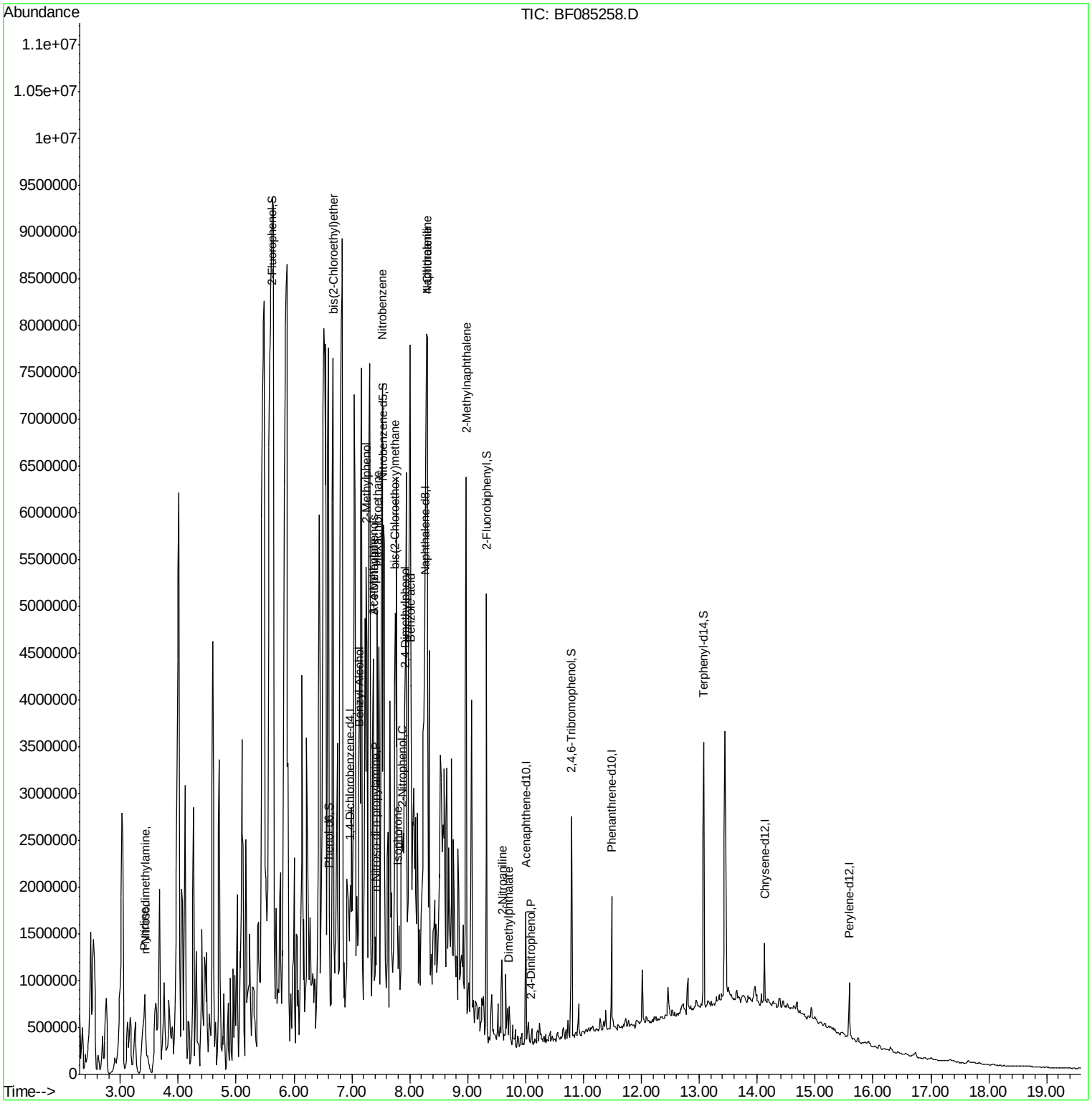
(#) = qualifier out of range (m) = manual integration (+) = signals summed

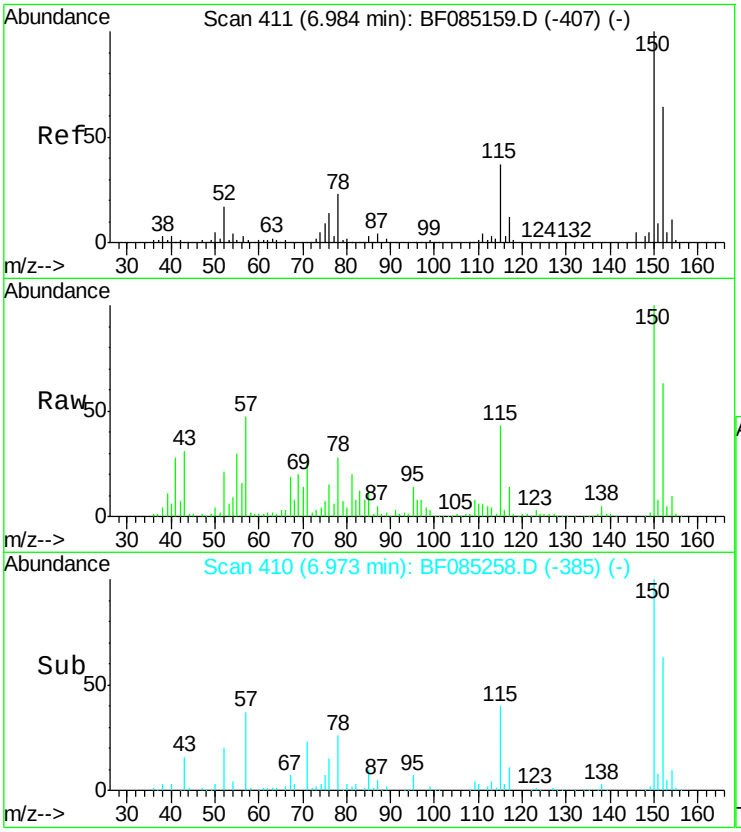
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030816\
Data File : BF085258.D
Acq On : 8 Mar 2016 16:24
Operator : UM/SJ
Sample : H1713-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S4-MW-01

Quant Time: Mar 09 00:03:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration



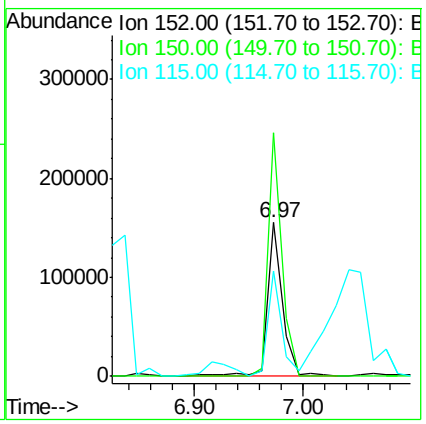


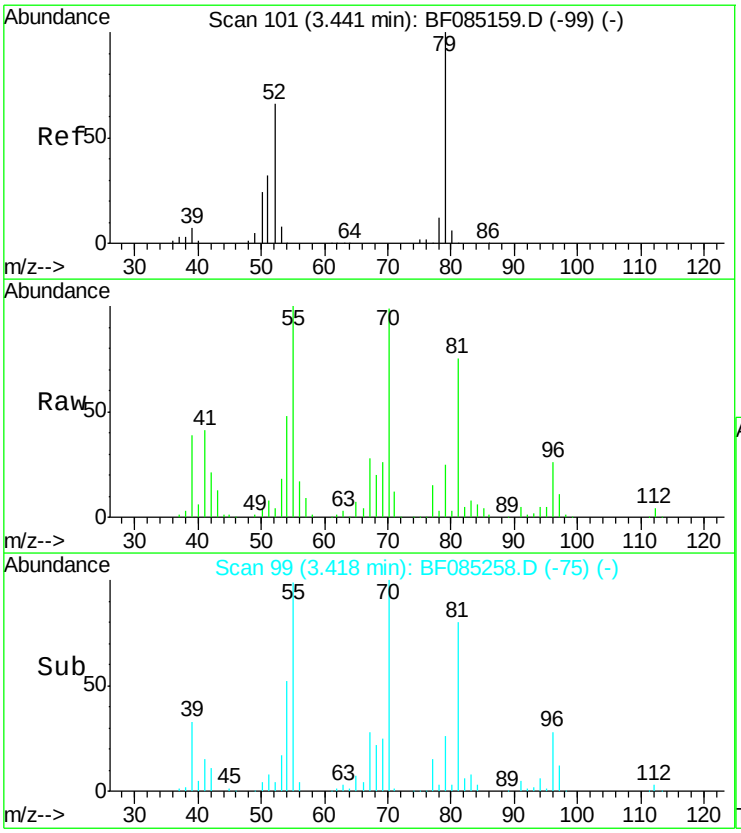
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion:152 Resp: 145105

Ion	Ratio	Lower	Upper
152	100		
150	158.6	124.6	186.8
115	68.6	46.6	70.0

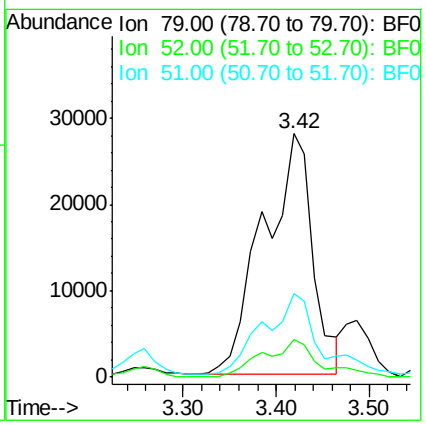


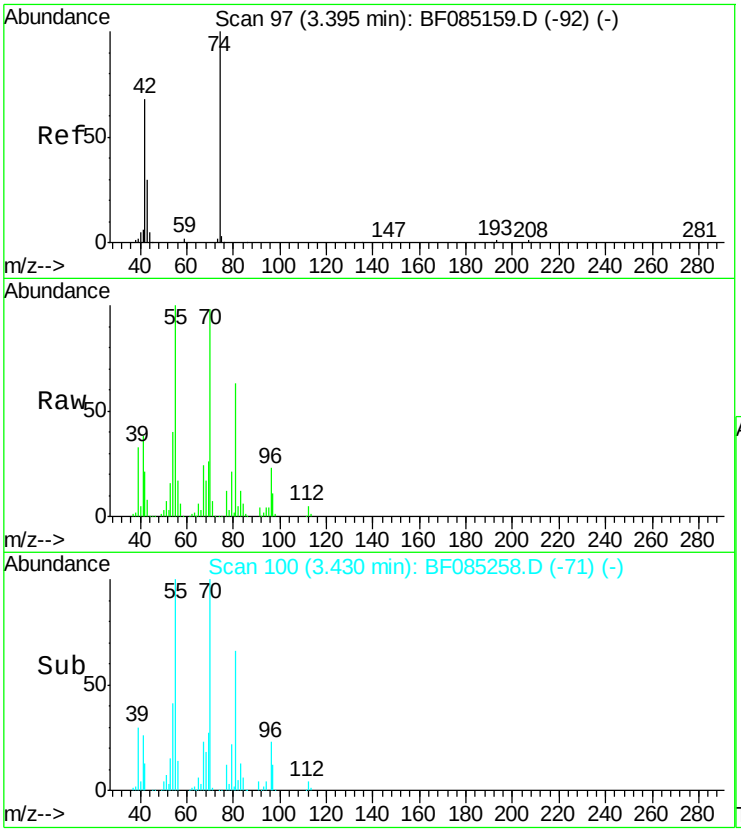


#3
Pyridine
Concen: 9.27 ng
RT: 3.42 min Scan# 99
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion: 79 Resp: 102663

Ion	Ratio	Lower	Upper
79	100		
52	15.5	52.6	79.0#
51	34.1	25.8	38.8



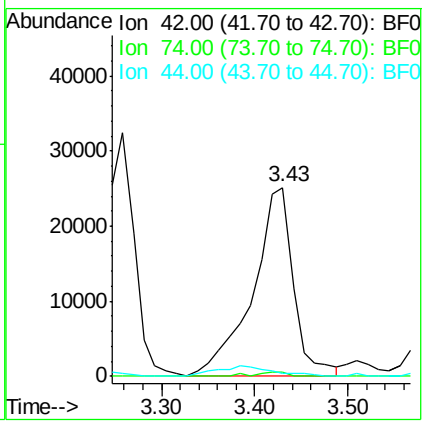


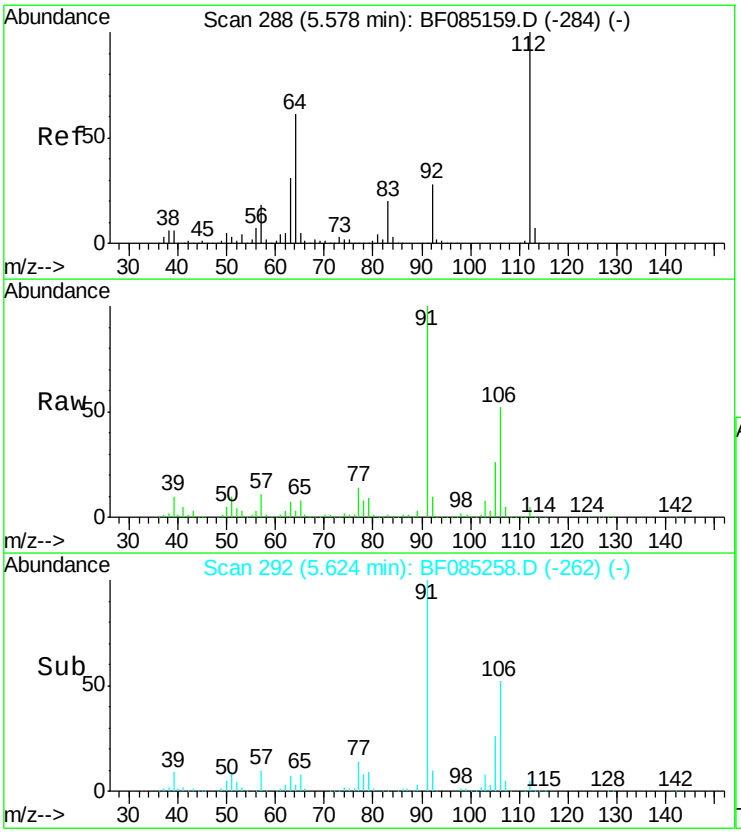
#4
n-Nitrosodimethylamine
Concen: 16.24 ng
RT: 3.43 min Scan# 100
Delta R.T. 0.03 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion: 42 Resp: 76947

Ion	Ratio	Lower	Upper
42	100		
74	2.1	116.8	175.2#
44	1.5	5.5	8.3#

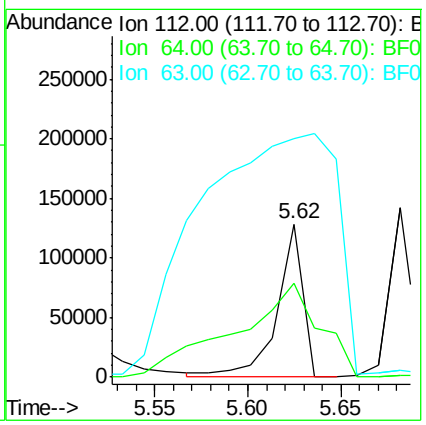


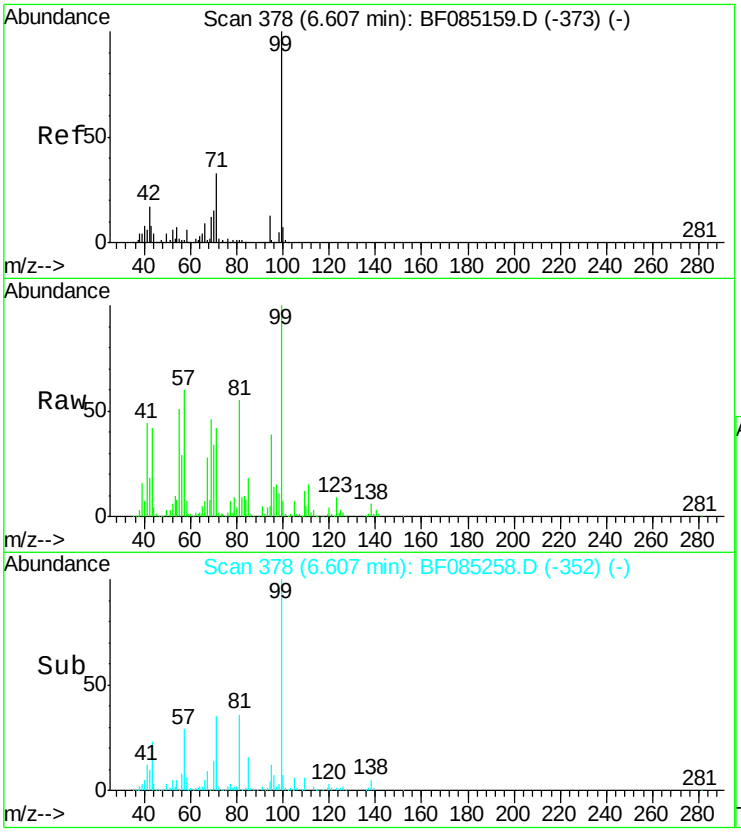


#5
2-Fluorophenol
Concen: 14.33 ng
RT: 5.62 min Scan# 292
Delta R.T. 0.05 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:112 Resp: 123995

Ion	Ratio	Lower	Upper
112	100		
64	61.7	49.0	73.4
63	156.2	24.8	37.2#



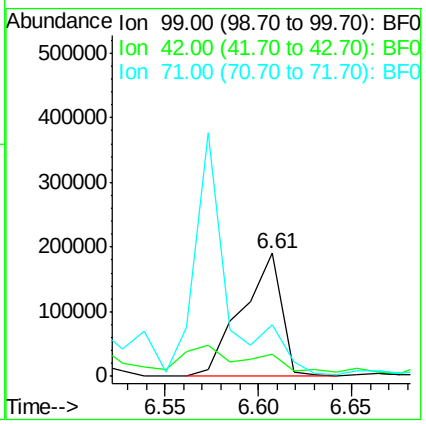


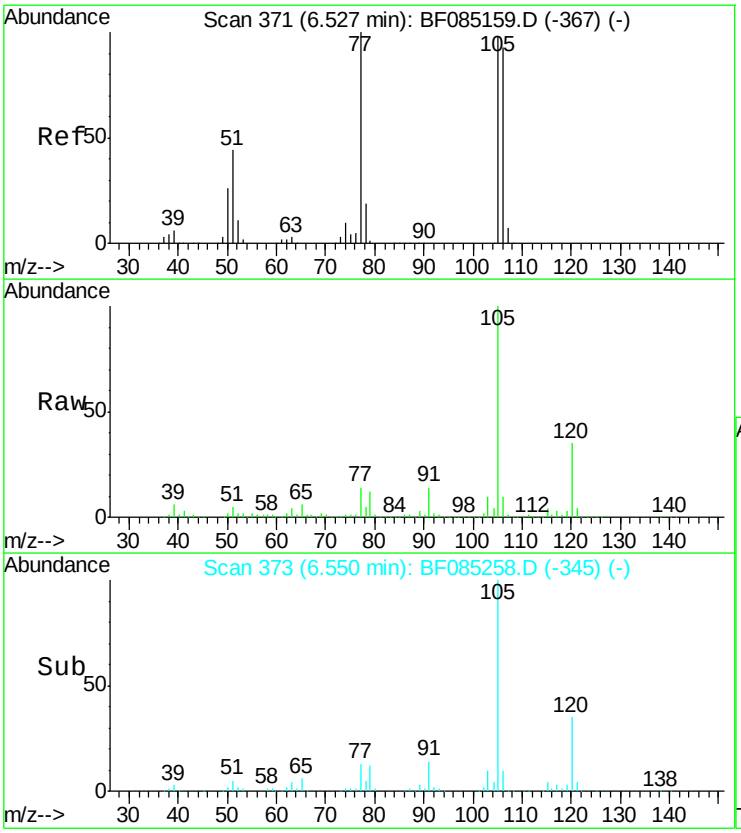
#7
Phenol-d6
Concen: 24.44 ng
RT: 6.61 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion: 99 Resp: 276985

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.6	20.4
71	42.3	26.7	40.1#

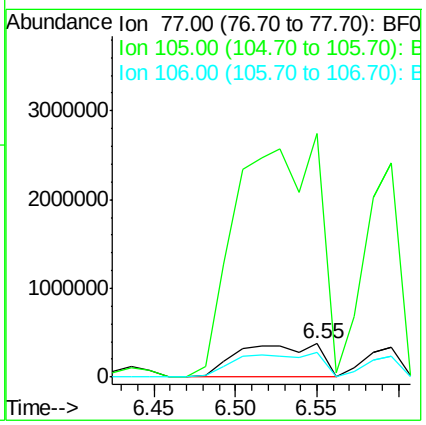


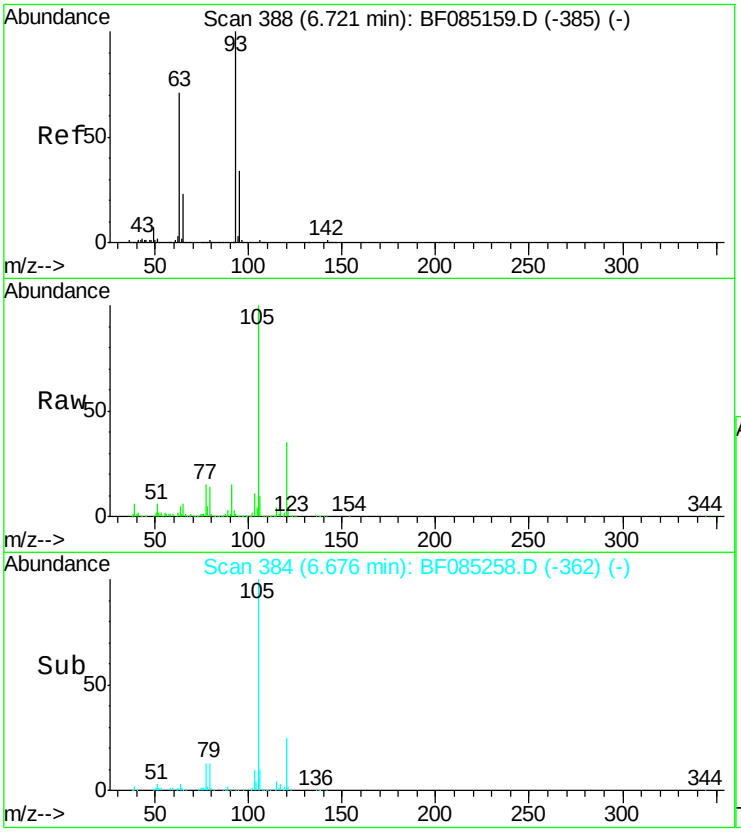


#9
Benzaldehyde
Concen: Below Cal
RT: 6.55 min Scan# 373
Delta R.T. 0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion: 77 Resp: 1267680

Ion	Ratio	Lower	Upper
77	100		
105	724.8	78.2	118.2#
106	73.0	72.9	112.9



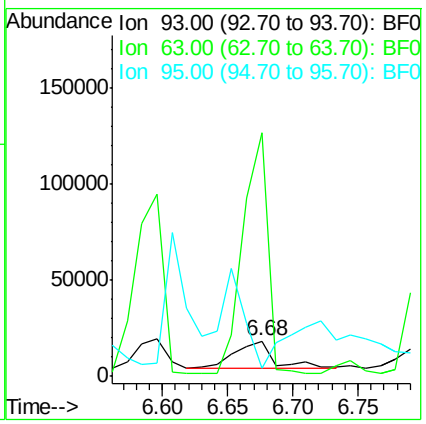


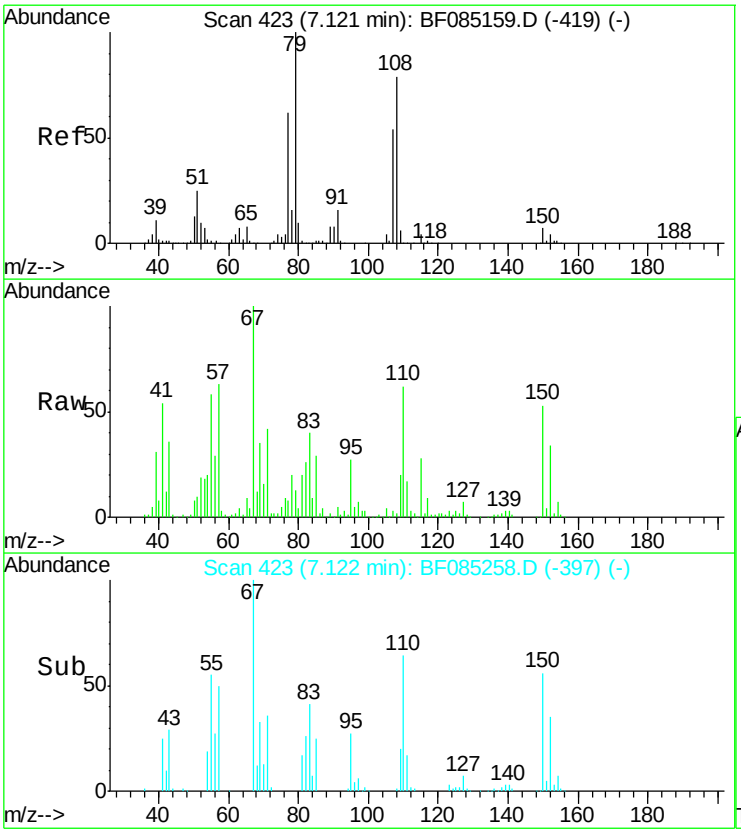
#11
bis(2-Chloroethyl)ether
Concen: 3.10 ng
RT: 6.68 min Scan# 384
Delta R.T. -0.05 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion: 93 Resp: 31272

Ion	Ratio	Lower	Upper
93	100		
63	687.5	50.9	90.9#
95	22.0	13.7	53.7

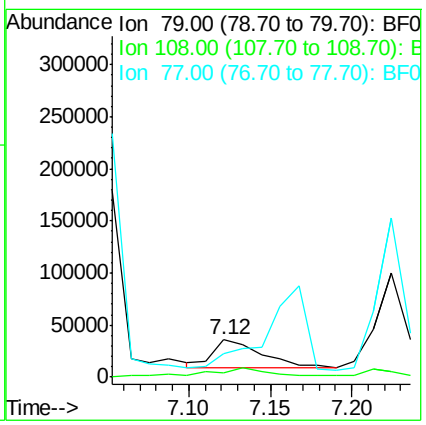


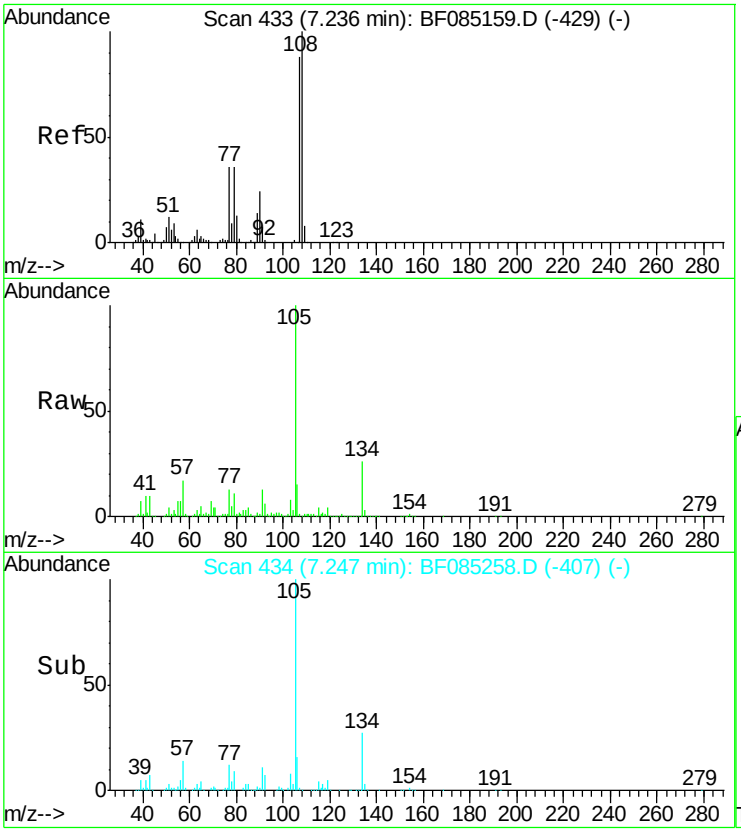


#15
Benzyl Alcohol
Concen: 6.68 ng
RT: 7.12 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion: 79 Resp: 55612

Ion	Ratio	Lower	Upper
79	100		
108	12.6	62.9	94.3#
77	63.4	49.5	74.3



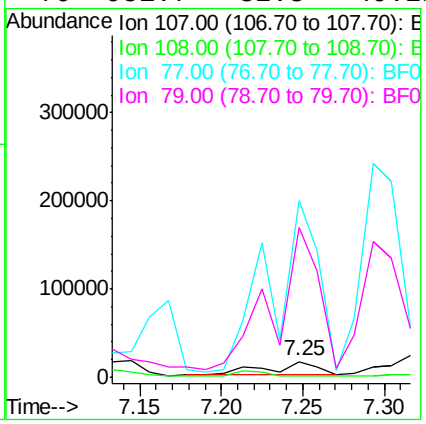


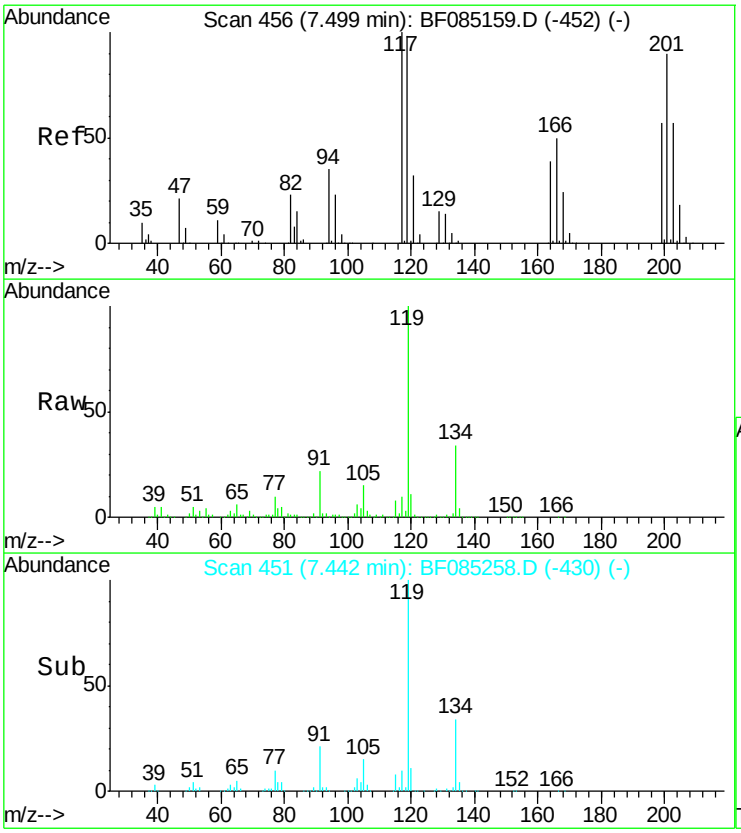
#17
2-Methylphenol
Concen: 3.87 ng
RT: 7.25 min Scan# 434
Delta R.T. 0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion:107 Resp: 32919

Ion	Ratio	Lower	Upper
107	100		
108	12.2	90.9	136.3#
77	1125.8	32.6	48.8#
79	951.7	32.8	49.2#

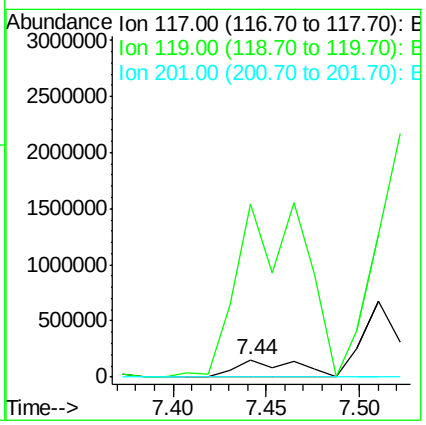


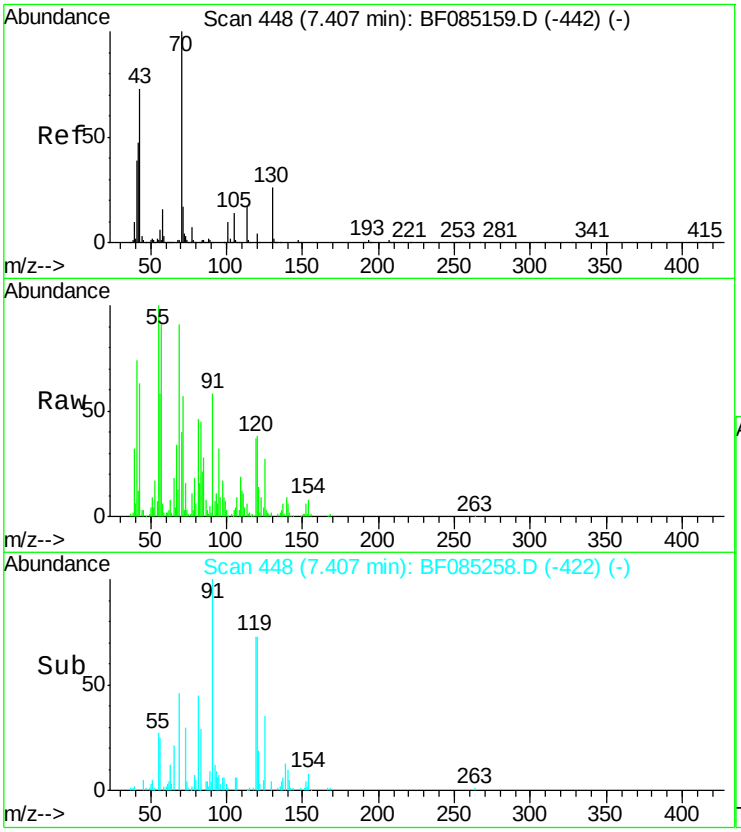


#18
Hexachloroethane
Concen: 86.22 ng
RT: 7.44 min Scan# 451
Delta R.T. -0.06 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:117 Resp: 356447

Ion	Ratio	Lower	Upper
117	100		
119	1003.2	78.2	117.4#
201	0.0	72.0	108.0#



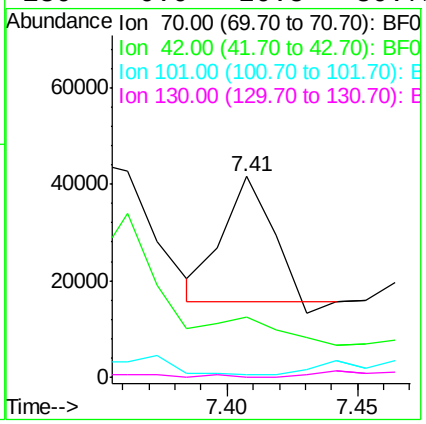


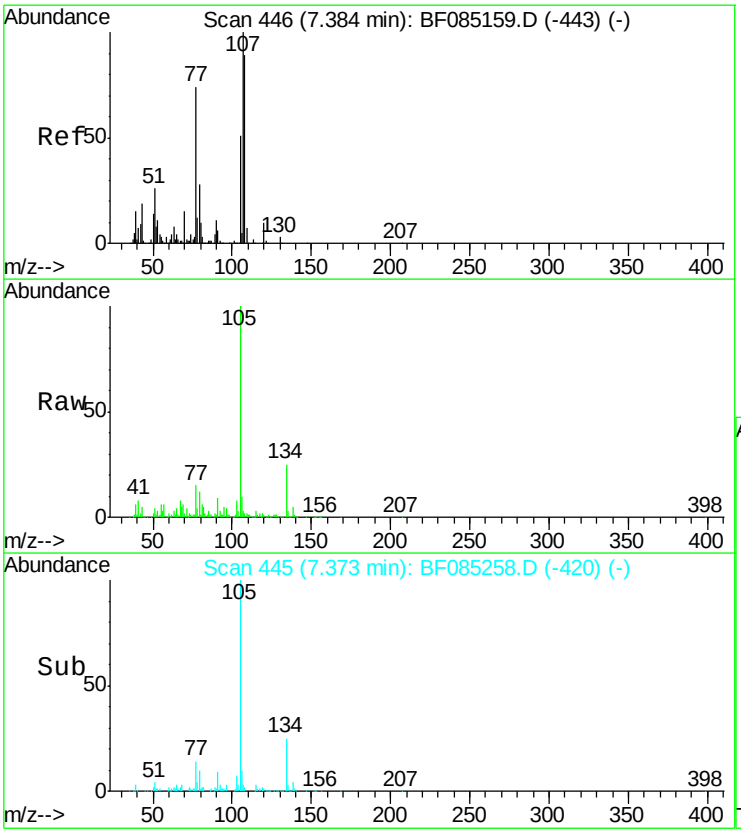
#19
n-Nitroso-di-n-propylamine
Concen: 4.55 ng
RT: 7.41 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion: 70 Resp: 33585

Ion	Ratio	Lower	Upper
70	100		
42	29.9	37.7	56.5#
101	1.1	8.2	12.4#
130	0.0	20.5	30.7#

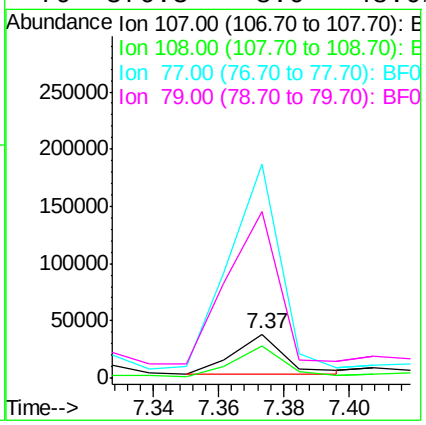


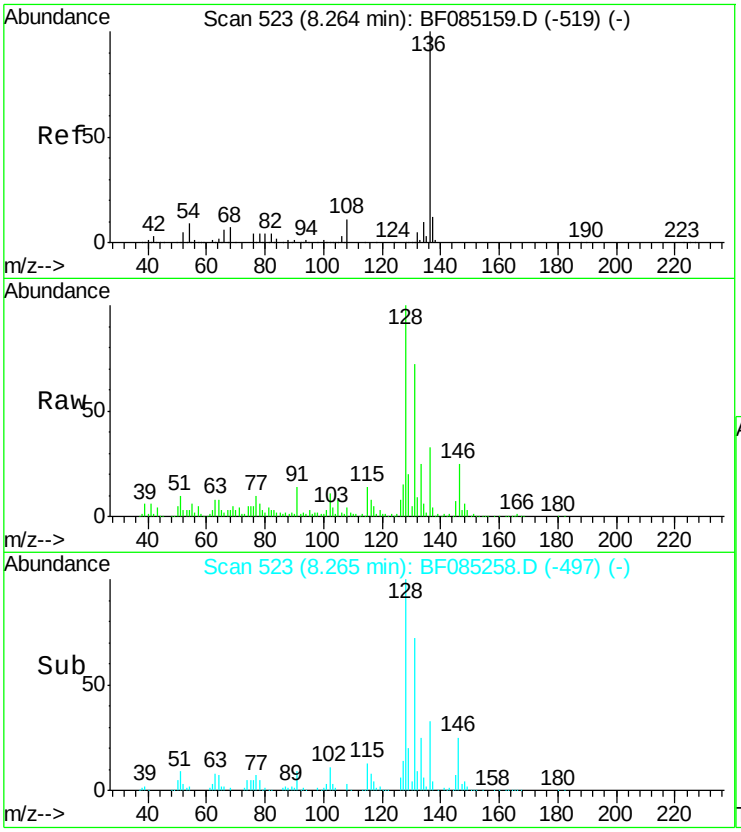


#20
3+4-Methylphenols
Concen: 3.61 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:107 Resp: 36365

Ion	Ratio	Lower	Upper
107	100		
108	73.0	68.8	108.8
77	483.7	53.6	93.6#
79	376.3	8.0	48.0#



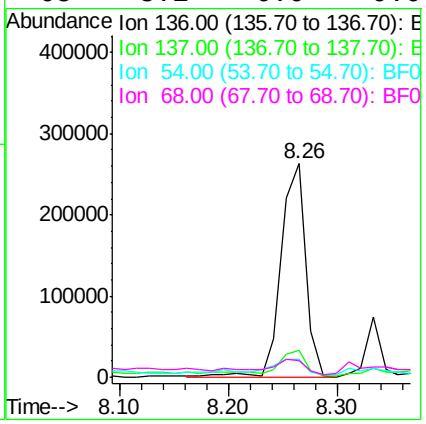


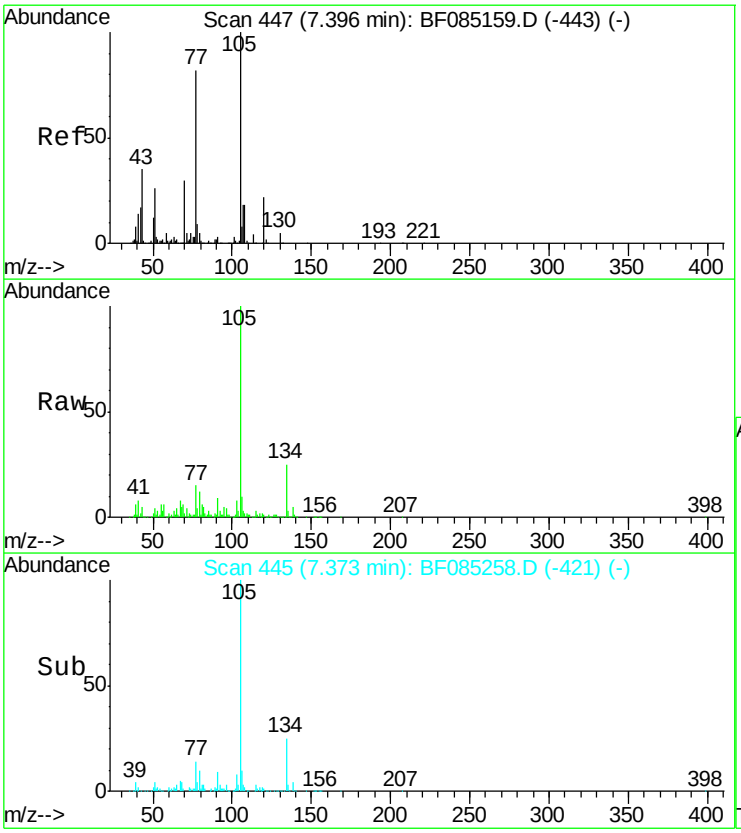
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion:136 Resp: 411098

Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.3	13.9
54	8.1	7.4	11.2
68	8.1	6.0	9.0

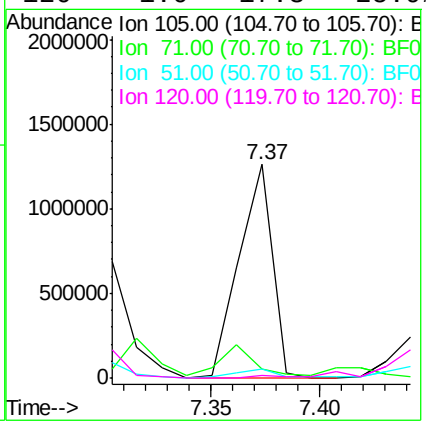


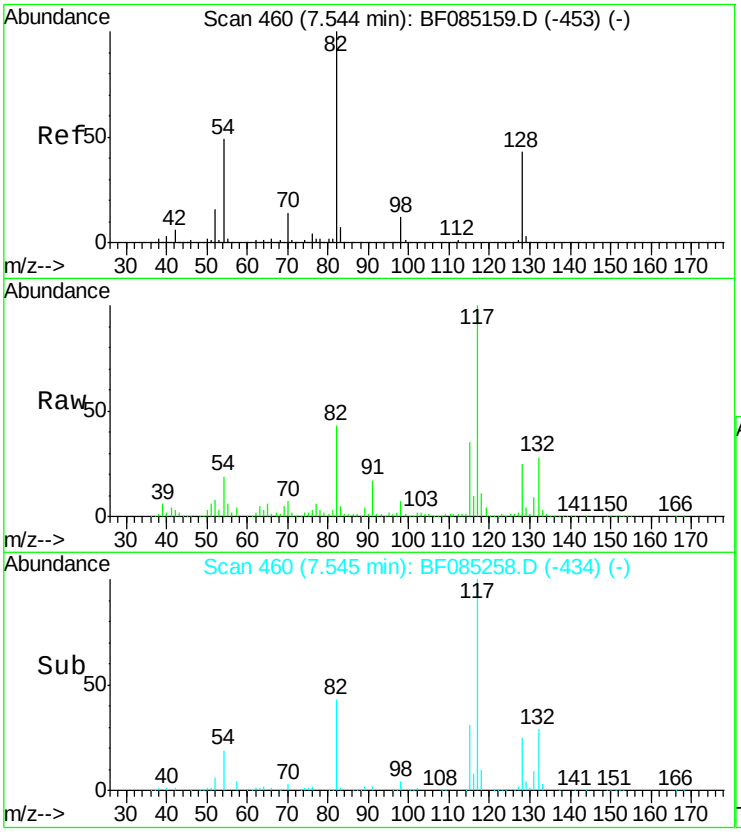


#22
Acetophenone
Concen: 132.85 ng
RT: 7.37 min Scan# 445
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:105 Resp: 1333075

Ion	Ratio	Lower	Upper
105	100		
71	4.1	4.1	6.1
51	4.4	21.1	31.7#
120	1.0	17.3	25.9#



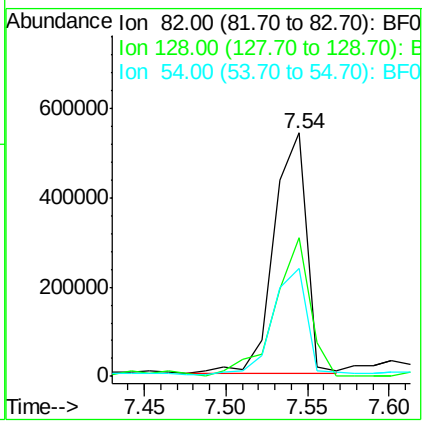


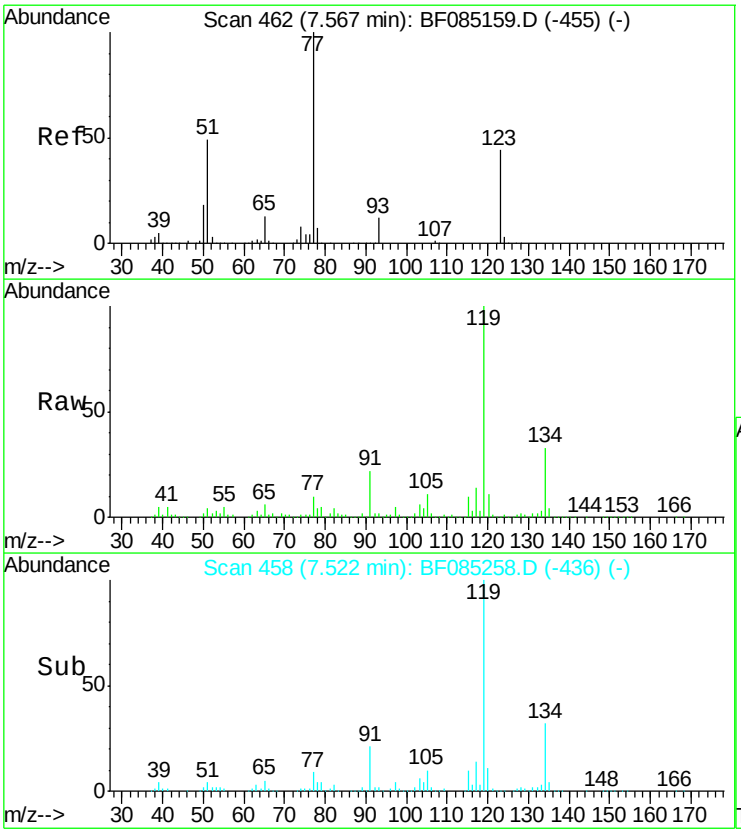
#23
Nitrobenzene-d5
Concen: 97.45 ng
RT: 7.54 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion: 82 Resp: 748659

Ion	Ratio	Lower	Upper
82	100		
128	56.8	34.5	51.7#
54	44.3	39.3	58.9

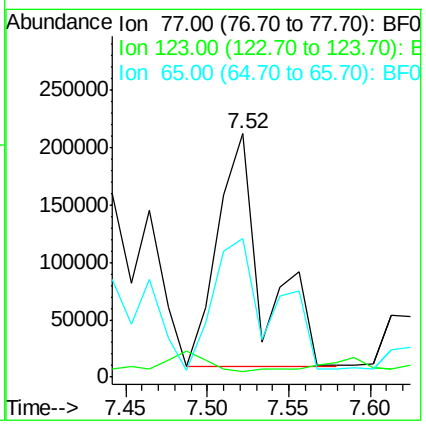


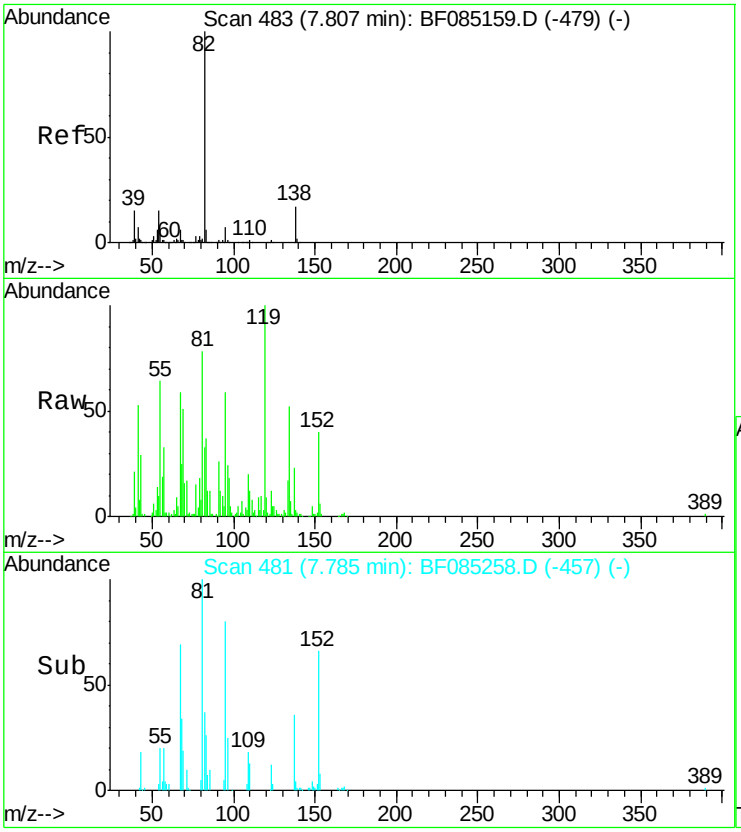


#24
Nitrobenzene
Concen: 51.11 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion: 77 Resp: 398860

Ion	Ratio	Lower	Upper
77	100		
123	2.4	35.4	53.2#
65	56.8	10.6	16.0#



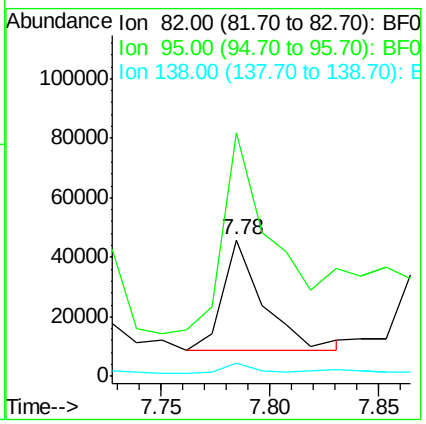


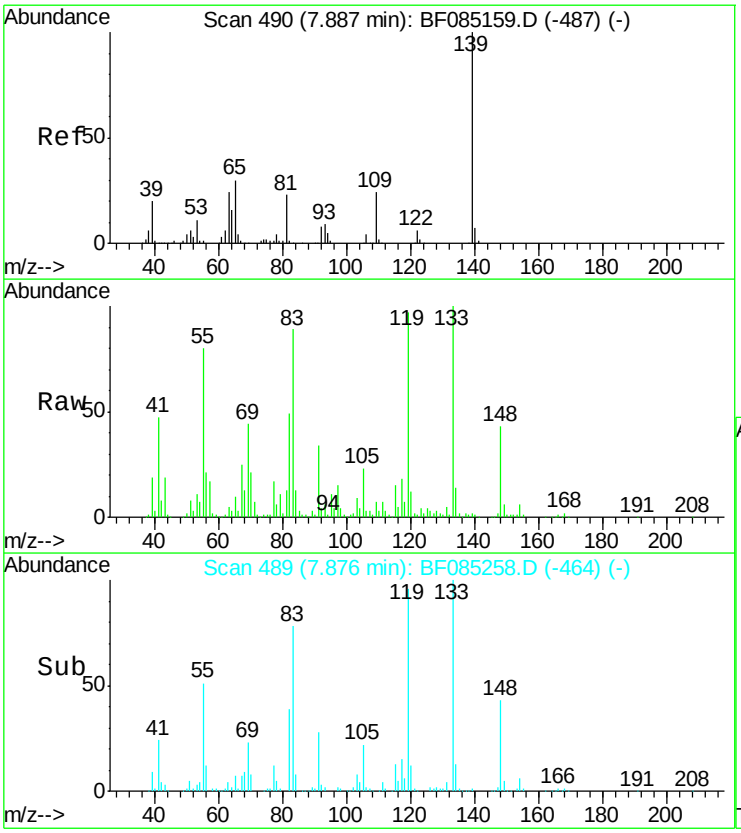
#25
Isophorone
Concen: 3.45 ng
RT: 7.78 min Scan# 481
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion: 82 Resp: 49073

Ion	Ratio	Lower	Upper
82	100		
95	178.3	5.4	8.2#
138	9.4	13.3	19.9#

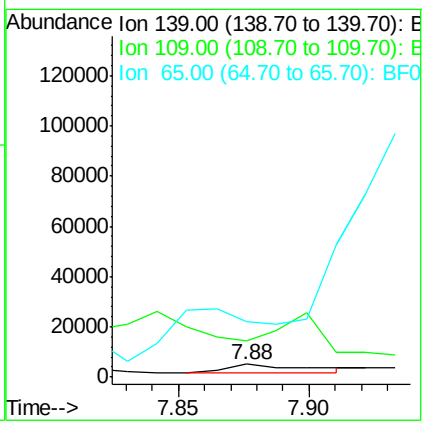


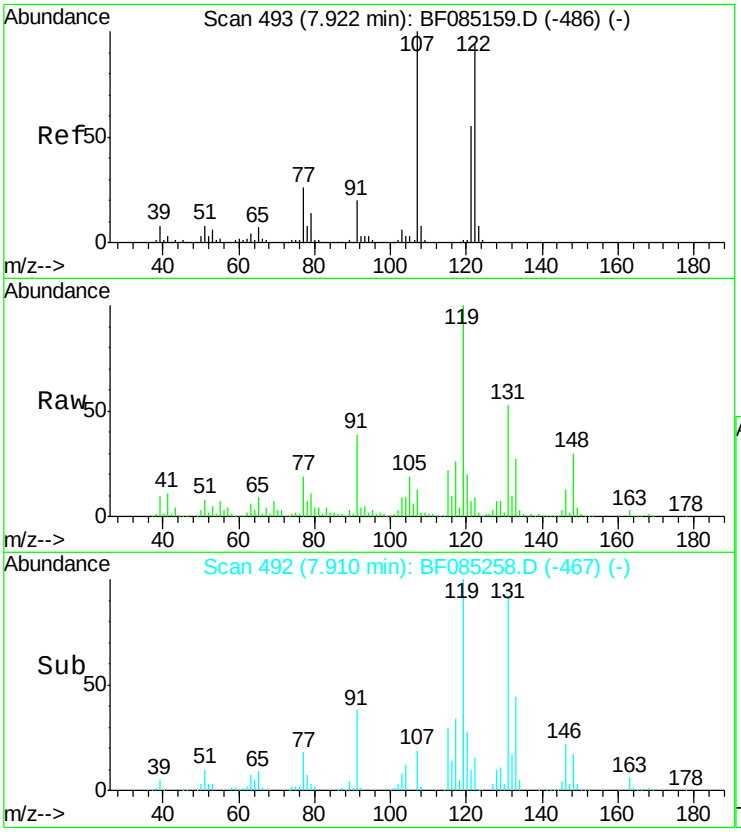


#26
2-Nitrophenol
Concen: 2.04 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:139 Resp: 7750

Ion	Ratio	Lower	Upper
139	100		
109	281.1	19.1	28.7#
65	426.0	23.9	35.9#



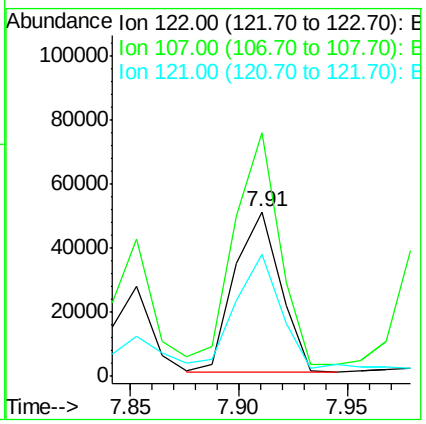


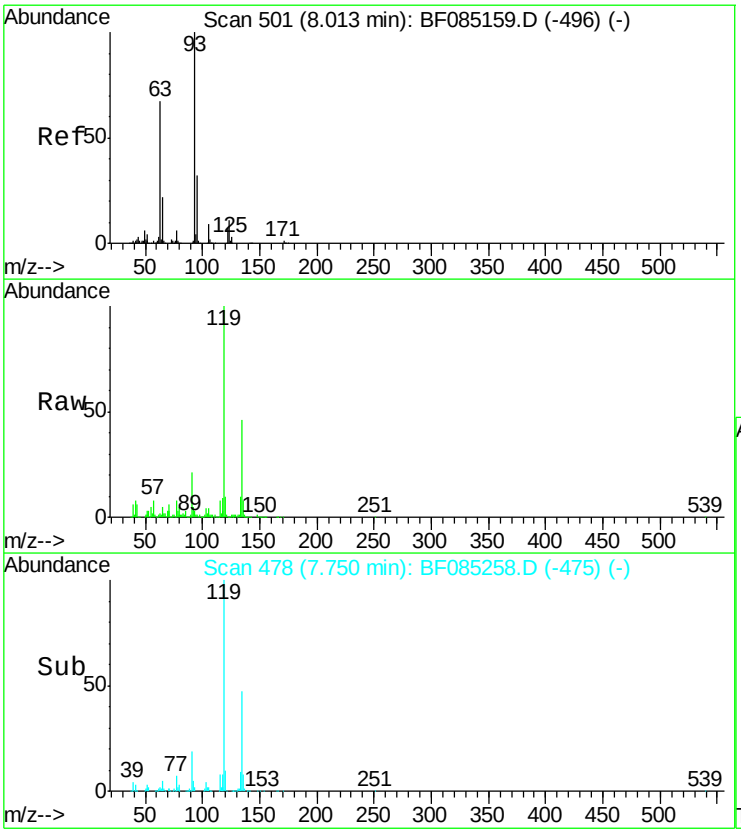
#27
2,4-Dimethylphenol
Concen: 10.62 ng
RT: 7.91 min Scan# 492
Delta R.T. -0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion:122 Resp: 73718

Ion	Ratio	Lower	Upper
122	100		
107	147.9	84.8	127.2#
121	74.5	47.0	70.6#

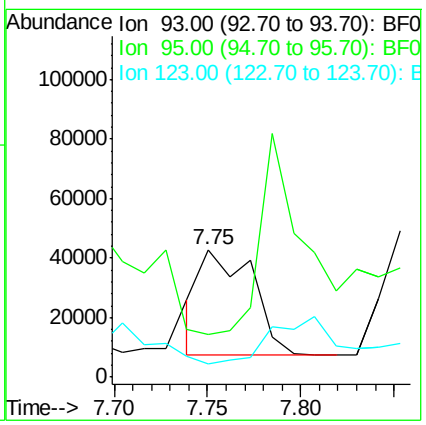


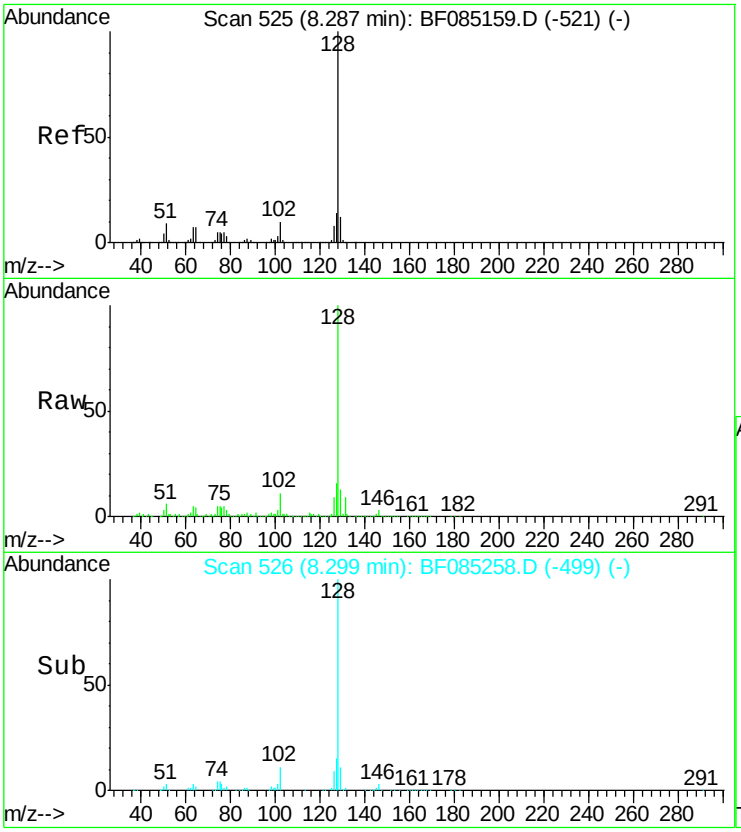


#28
bis(2-Chloroethoxy)methane
Concen: 8.70 ng
RT: 7.75 min Scan# 478
Delta R.T. -0.26 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion: 93 Resp: 68947

Ion	Ratio	Lower	Upper
93	100		
95	34.0	25.9	38.9
123	10.9	8.8	13.2



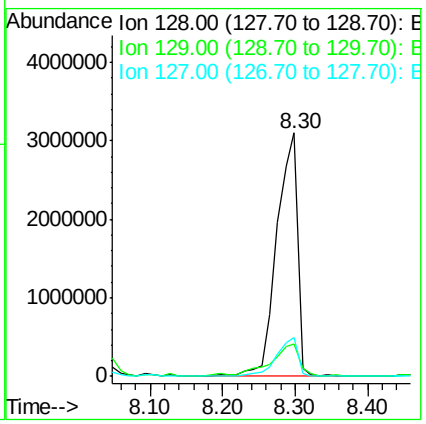


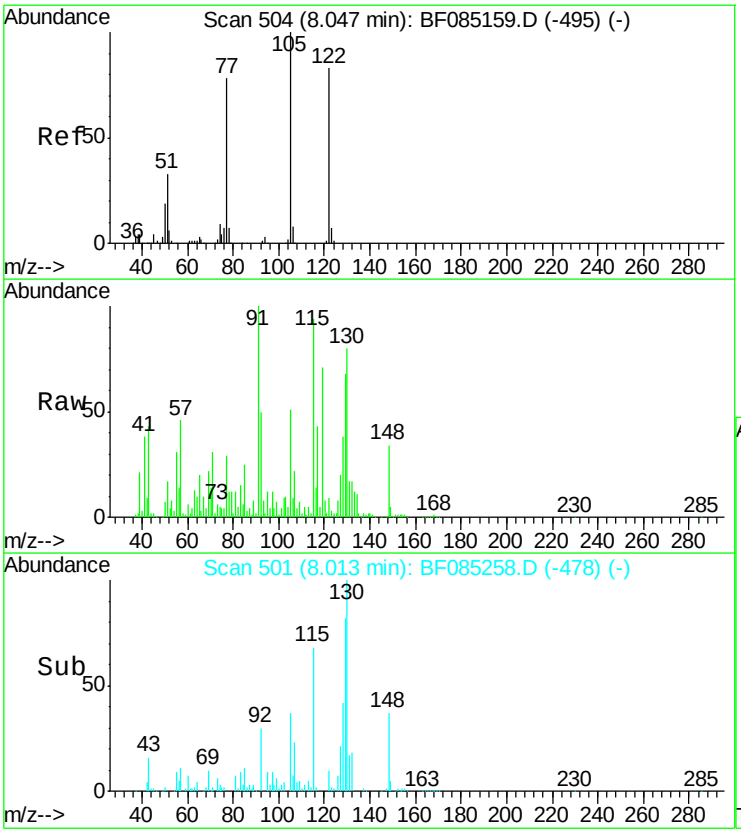
#31
Naphthalene
Concen: 306.49 ng
RT: 8.30 min Scan# 526
Delta R.T. 0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion:128 Resp: 6195534

Ion	Ratio	Lower	Upper
128	100		
129	13.4	9.7	14.5
127	16.1	11.2	16.8

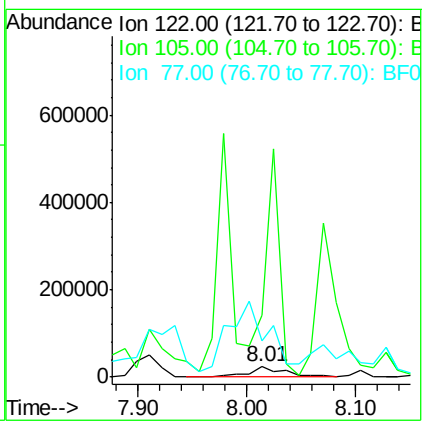


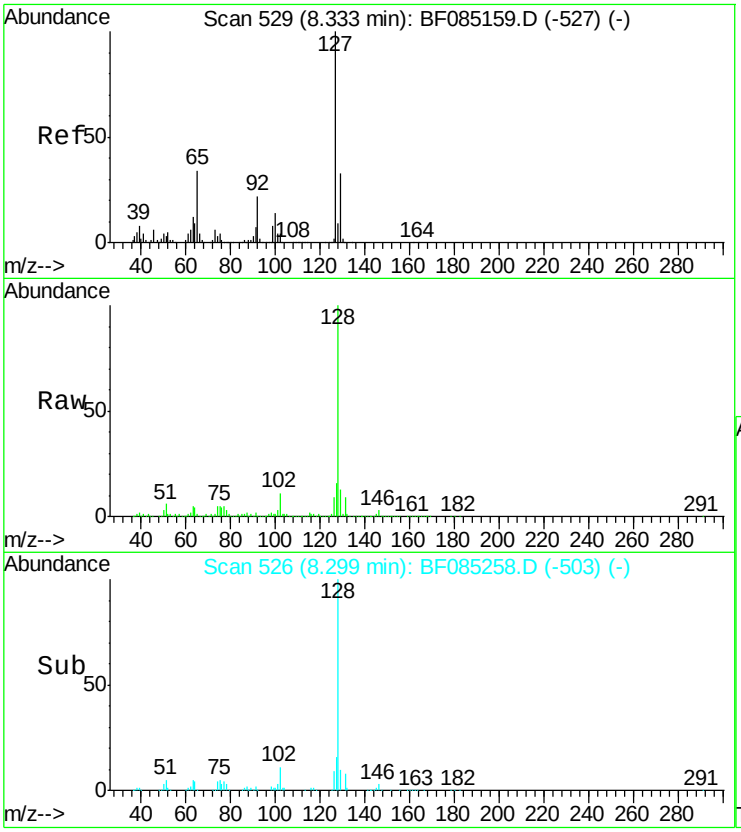


#32
Benzoic acid
Concen: 9.97 ng
RT: 8.01 min Scan# 501
Delta R.T. -0.03 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:122 Resp: 45968

Ion	Ratio	Lower	Upper
122	100		
105	587.2	101.3	141.3#
77	340.3	74.7	114.7#



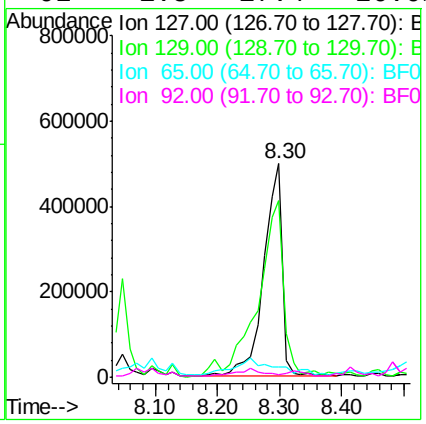


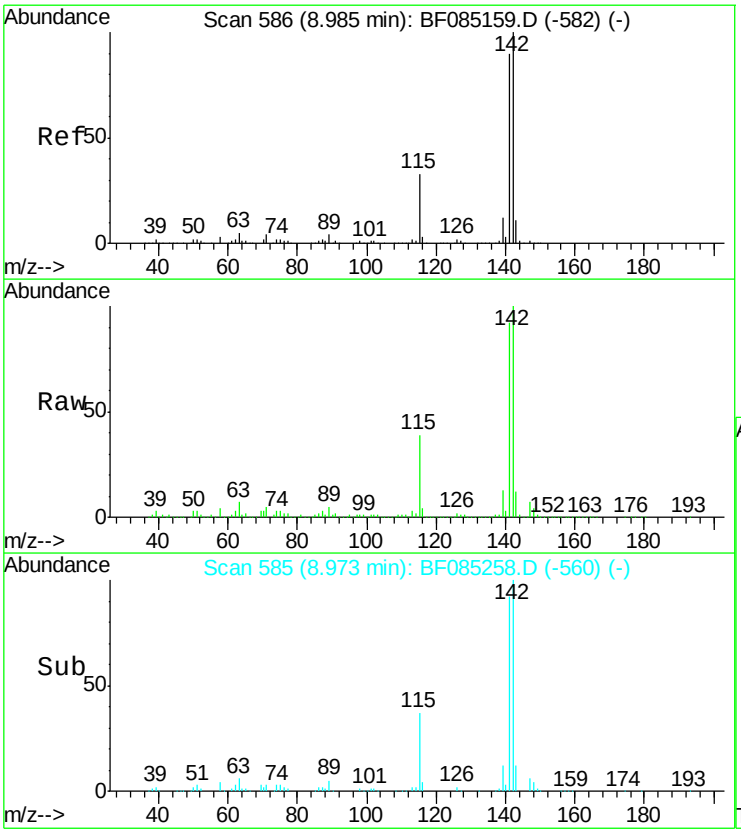
#33
4-Chloroaniline
Concen: 127.68 ng
RT: 8.30 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion:127 Resp: 1043935

Ion	Ratio	Lower	Upper
127	100		
129	82.9	26.1	39.1#
65	4.8	27.0	40.6#
92	1.5	17.4	26.0#

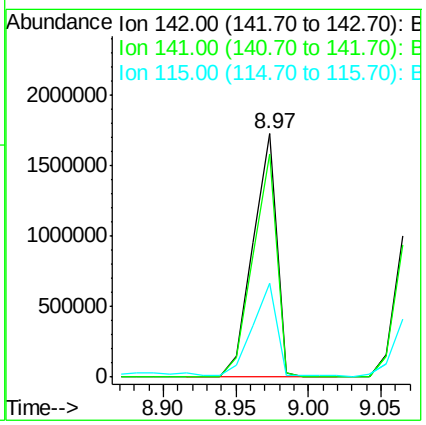


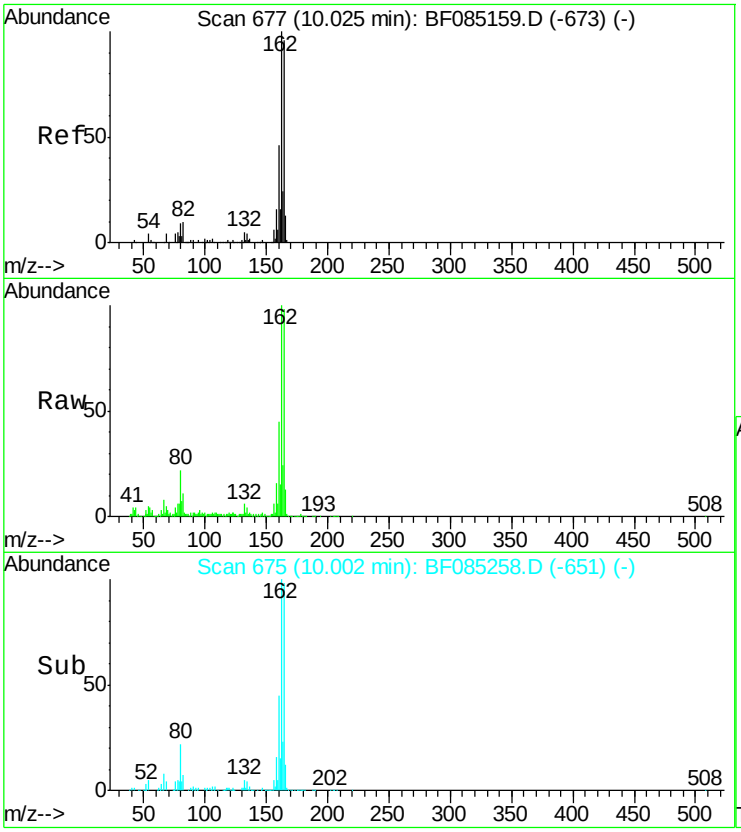


#37
2-Methylnaphthalene
Concen: 151.37 ng
RT: 8.97 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:142 Resp: 1963537

Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.7	107.5
115	38.7	26.2	39.4



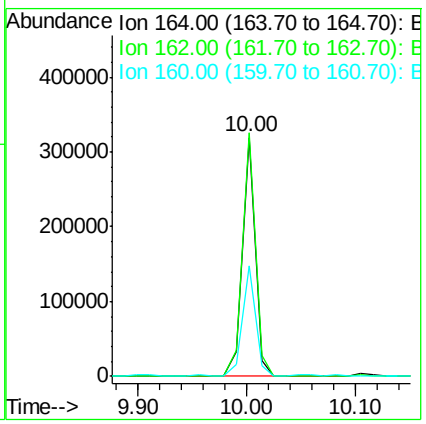


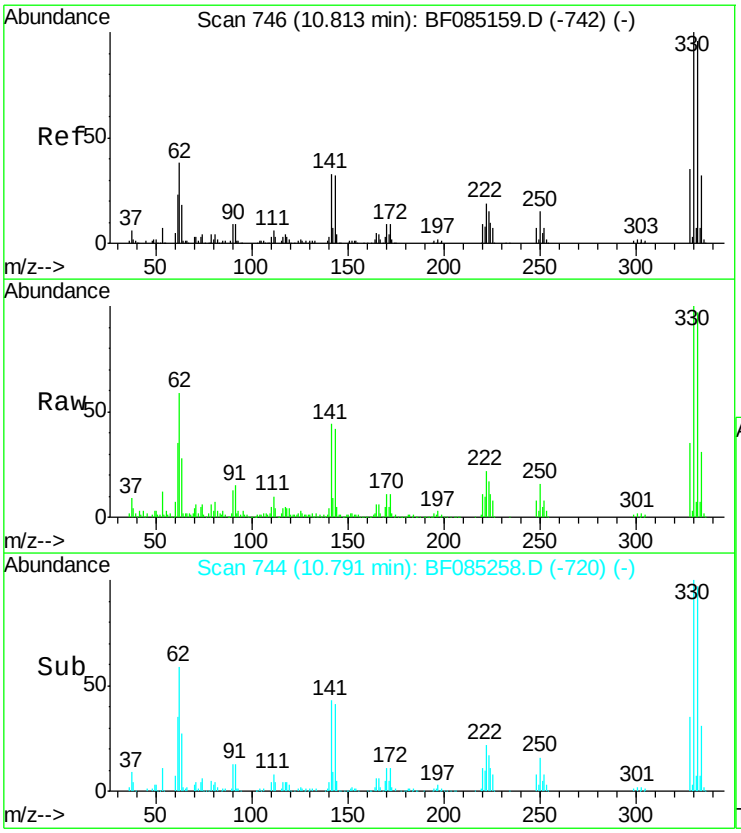
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 675
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion:164 Resp: 257314

Ion	Ratio	Lower	Upper
164	100		
162	102.0	83.3	124.9
160	46.2	37.9	56.9

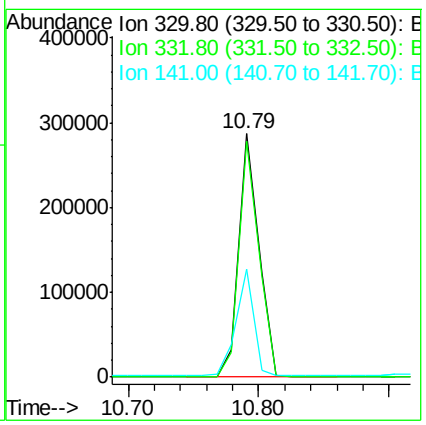


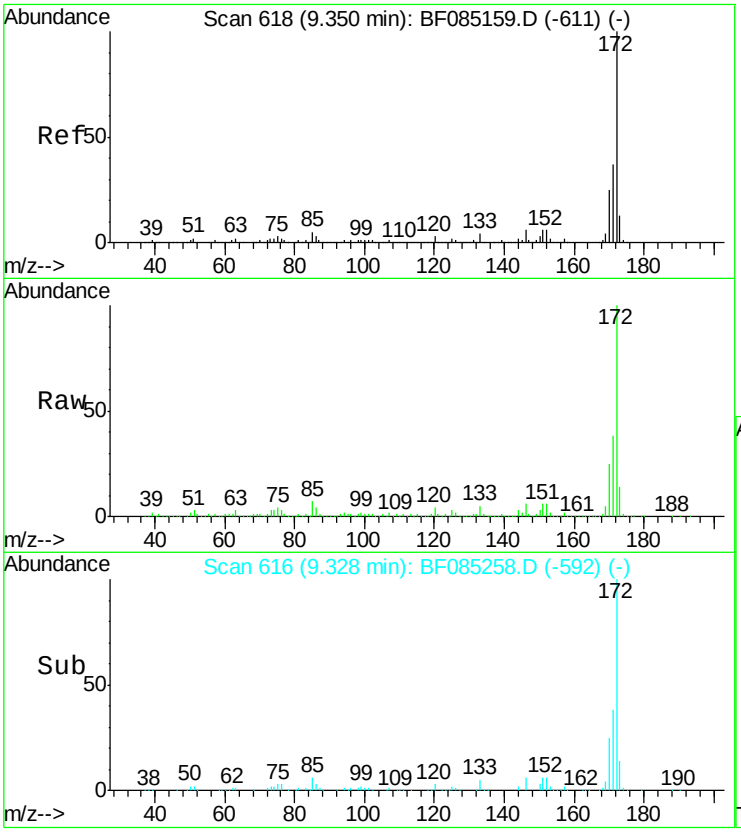


#41
2,4,6-Tribromophenol
Concen: 138.76 ng
RT: 10.79 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:330 Resp: 305509

Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.1	115.7
141	39.0	35.0	52.6



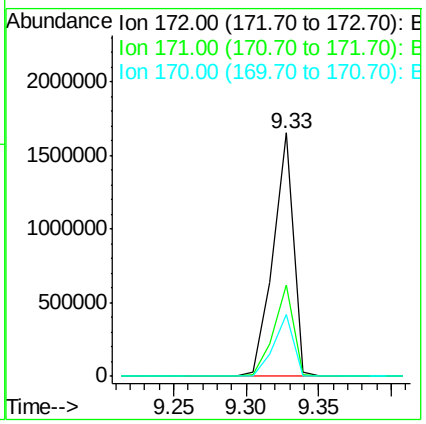


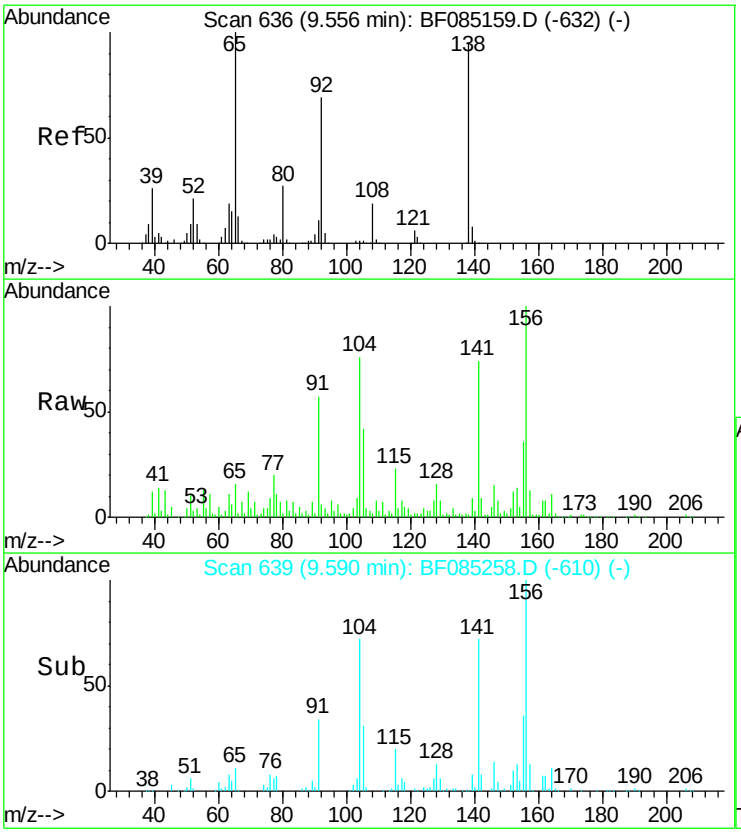
#44
2-Fluorobiphenyl
Concen: 94.96 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion:172 Resp: 1606590

Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.3	43.9
170	25.3	20.0	30.0

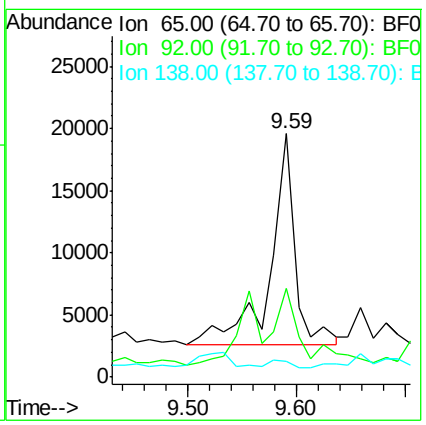


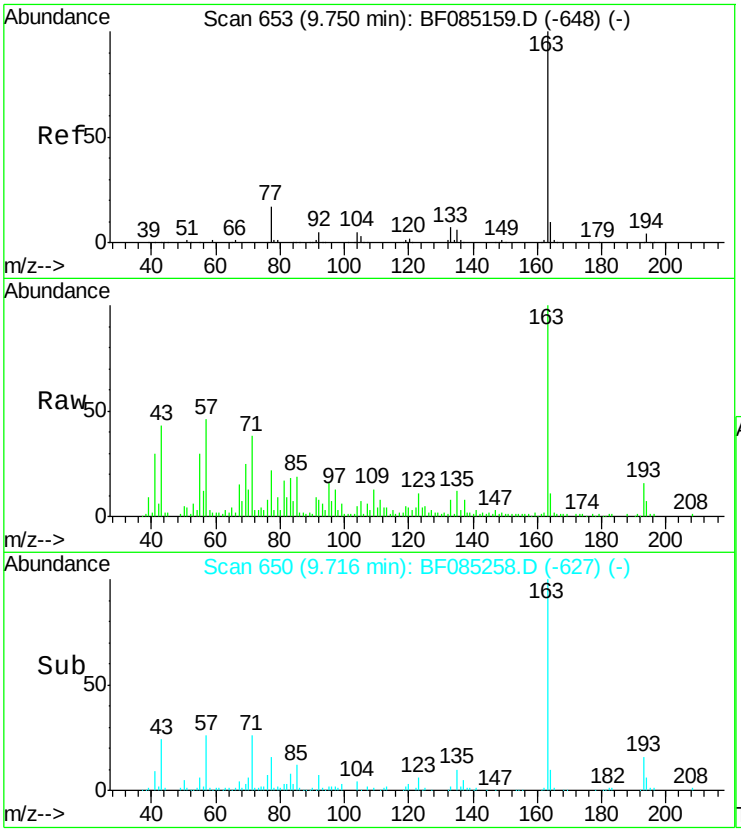


#47
2-Nitroaniline
Concen: 5.25 ng
RT: 9.59 min Scan# 639
Delta R.T. 0.03 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion: 65 Resp: 27258

Ion	Ratio	Lower	Upper
65	100		
92	36.4	55.4	83.2#
138	6.2	75.7	113.5#



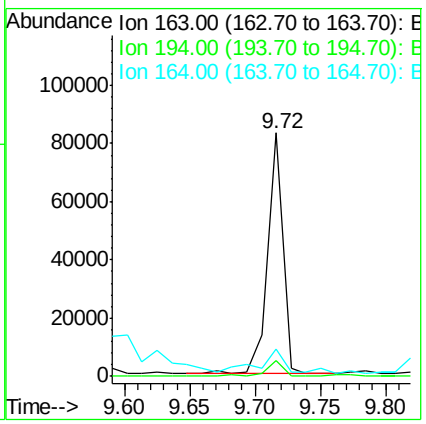


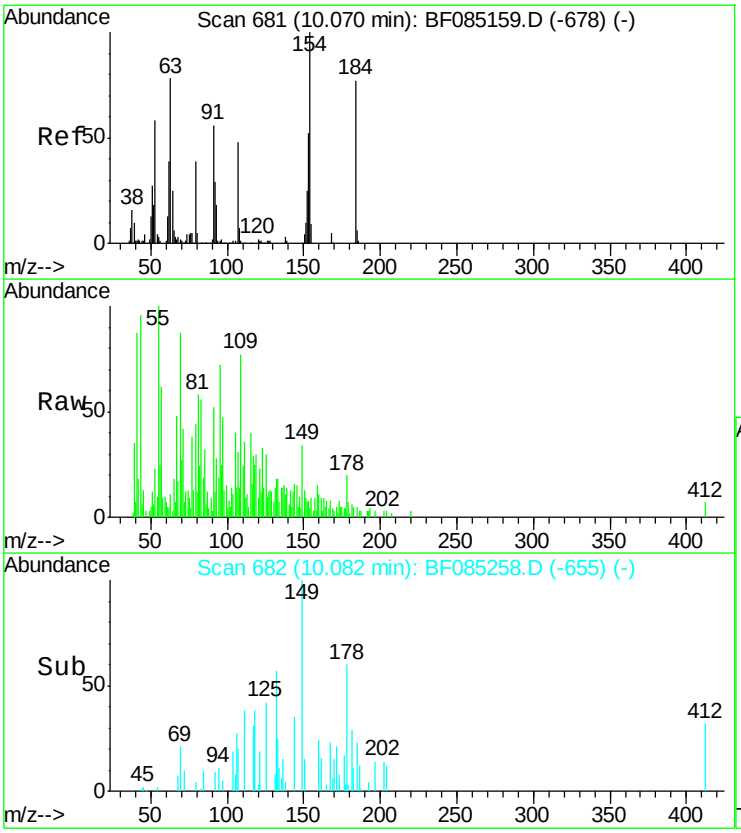
#49
Dimethylphthalate
Concen: 3.50 ng
RT: 9.72 min Scan# 650
Delta R.T. -0.03 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion:163 Resp: 69191

Ion	Ratio	Lower	Upper
163	100		
194	6.5	3.1	4.7#
164	11.3	8.2	12.4

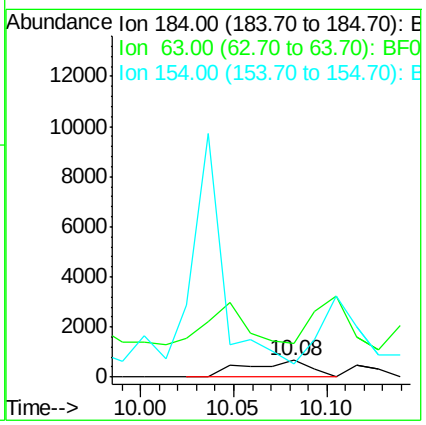


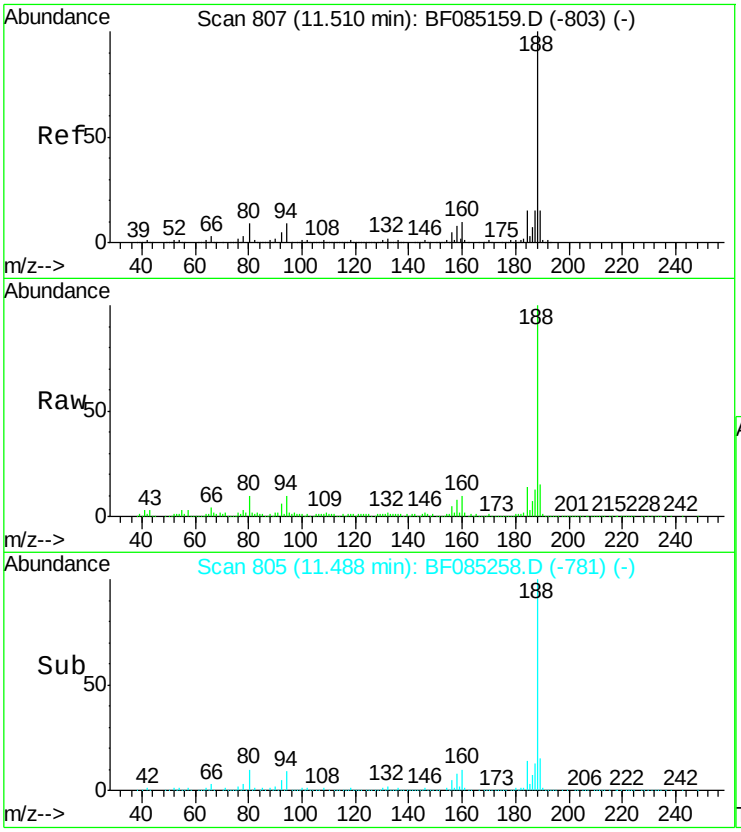


#53
2,4-Dinitrophenol
Concen: 8.69 ng
RT: 10.08 min Scan# 682
Delta R.T. 0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:184 Resp: 1591

Ion	Ratio	Lower	Upper
184	100		
63	204.2	82.2	123.4#
154	76.9	108.9	163.3#



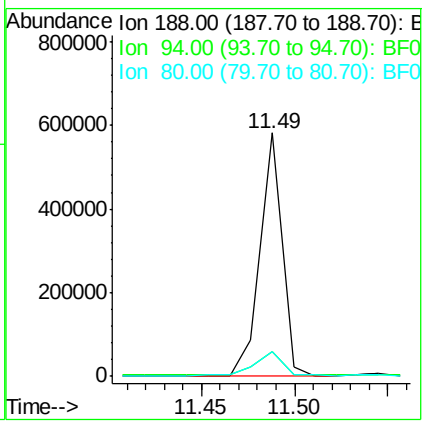


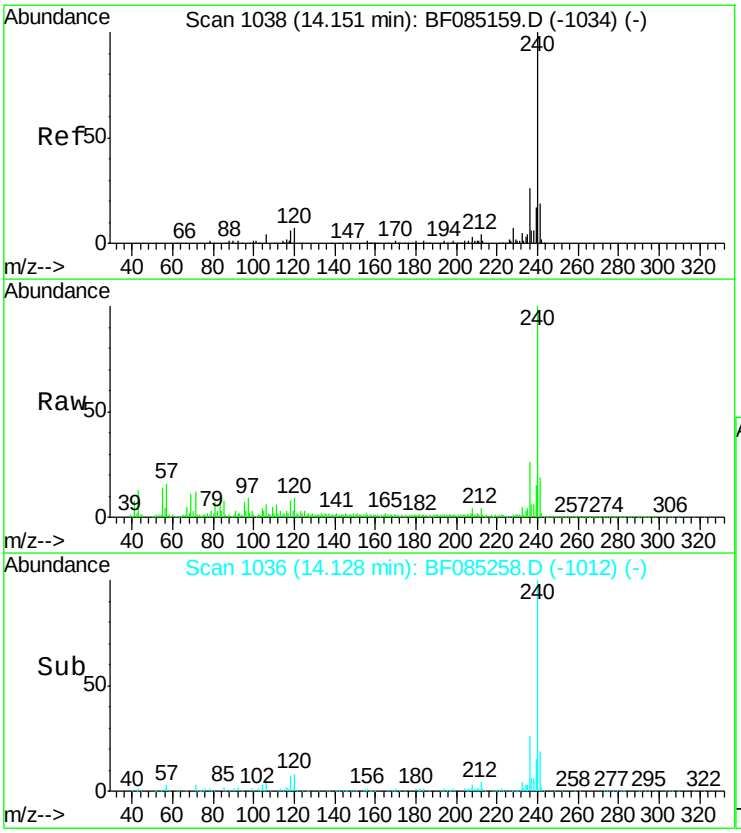
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion:188 Resp: 474262

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.0	10.6
80	10.2	7.4	11.0

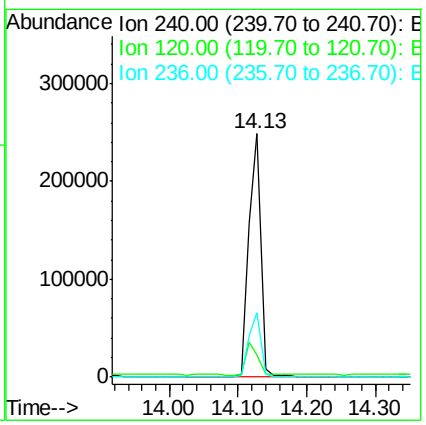


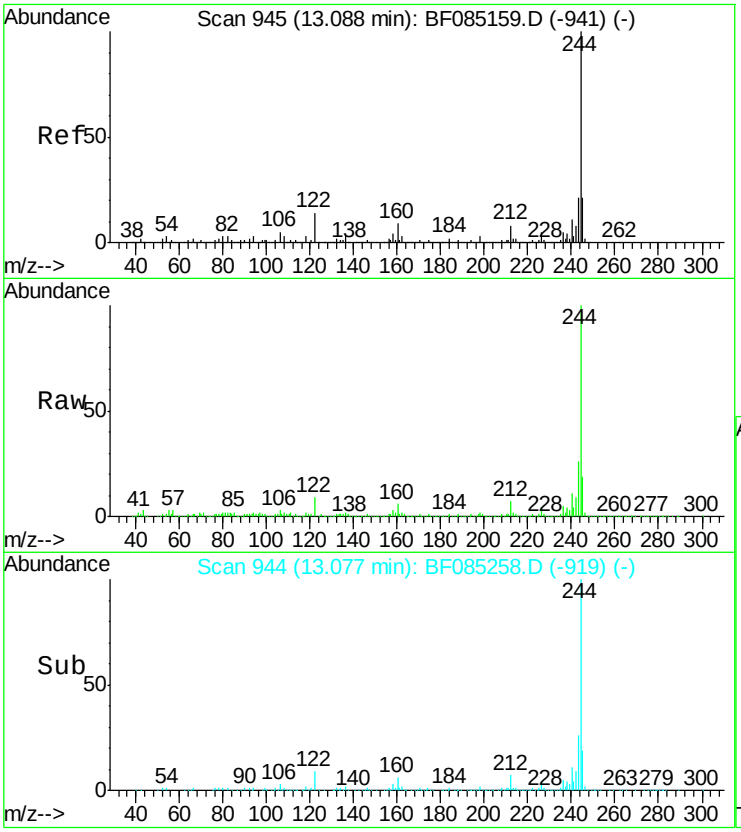


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:240 Resp: 289610

Ion	Ratio	Lower	Upper
240	100		
120	9.1	5.3	7.9#
236	26.3	20.7	31.1



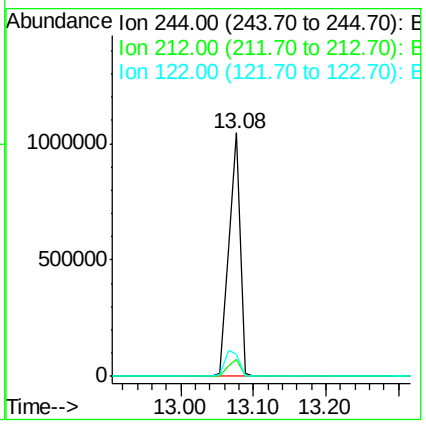


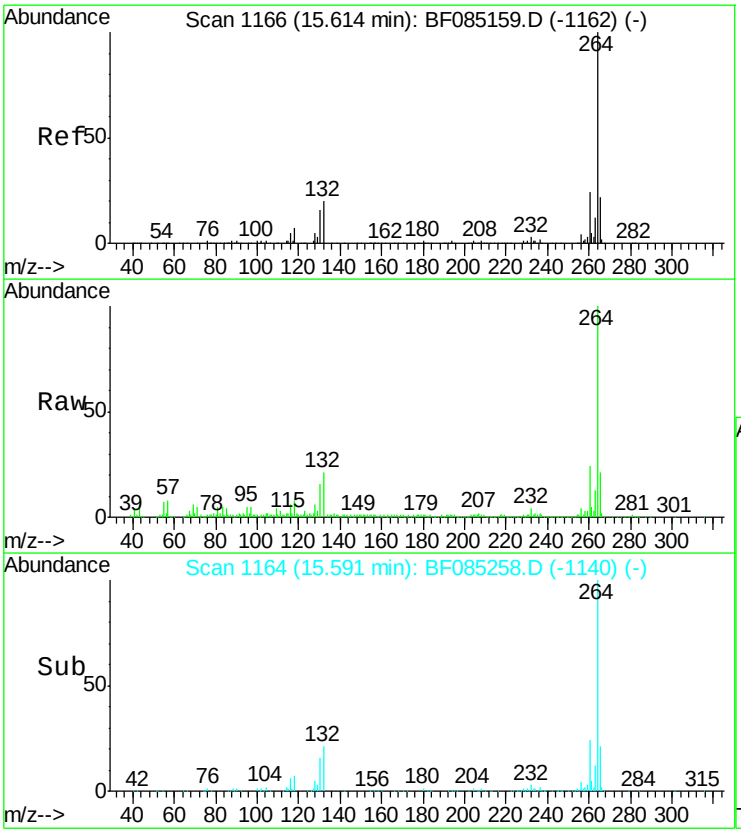
#78
Terphenyl-d14
Concen: 90.07 ng
RT: 13.08 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Instrument :
BNA_F
ClientSampleId :
S4-MW-01

Tgt Ion:244 Resp: 1123731

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	9.0	11.4	17.2#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.59 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF085258.D
Acq: 8 Mar 2016 16:24

Tgt Ion:264 Resp: 266972

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.4	17.3	25.9