Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
Data File : BF088887.D
Acq On : 9 Jul 2016 22:58
Operator : UM/SJ
Sample : H3813-31 25X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-WW001-01MSD

Quant Time: Jul 11 04:37:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	12103	20.00	ng		0.15
21) Naphthalene-d8	8.01	136	363092	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	173677	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	342516	20.00	ng		-0.01
75) Chrysene-d12	13.85	240	184116	20.00	ng		-0.02
86) Perylene-d12	15.23	264	172079	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	13403	16.60	ng		-0.02
7) Phenol-d6	6.34	99	11719	11.23	ng		-0.03
23) Nitrobenzene-d5	7.28	82	22032	3.18	ng		-0.02
41) 2,4,6-Tribromophenol	10.54	330	8601	5.33	ng		-0.02
44) 2-Fluorobiphenyl	9.08	172	40960	3.73	ng		-0.01
78) Terphenyl-d14	12.81	244	35681	4.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	1536	3.84	ng	#	71
8) 2-Chlorophenol	6.50	128	3980	4.59	ng		86
9) Benzaldehyde	6.26	77	2869	4.06	ng		97
10) Phenol	6.36	94	2385	2.00	ng	#	59
11) bis(2-Chloroethyl)ether	6.44	93	4449	5.01	ng		88
12) 1,3-Dichlorobenzene	6.89	146	5026	5.26	ng		96
13) 1,4-Dichlorobenzene	6.89	146	5026	5.30	ng		97
14) 1,2-Dichlorobenzene	6.89	146	5026	5.66	ng	#	92
15) Benzyl Alcohol	6.86	79	2935	3.82	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.00	45	5417	4.21	ng		88
17) 2-Methylphenol	6.98	107	2724	3.85	ng		96
18) Hexachloroethane	7.23	117	1865	5.09	ng		90
19) n-Nitroso-di-n-propylamine	7.13	70	3716	5.30	ng		88
20) 3+4-Methylphenols	7.13	107	3611	4.25	ng	#	60

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

Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070916\
Data File : BF088887.D
Acq On : 9 Jul 2016 22:58
Operator : UM/SJ
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Quant Time: Jul 11 04:37:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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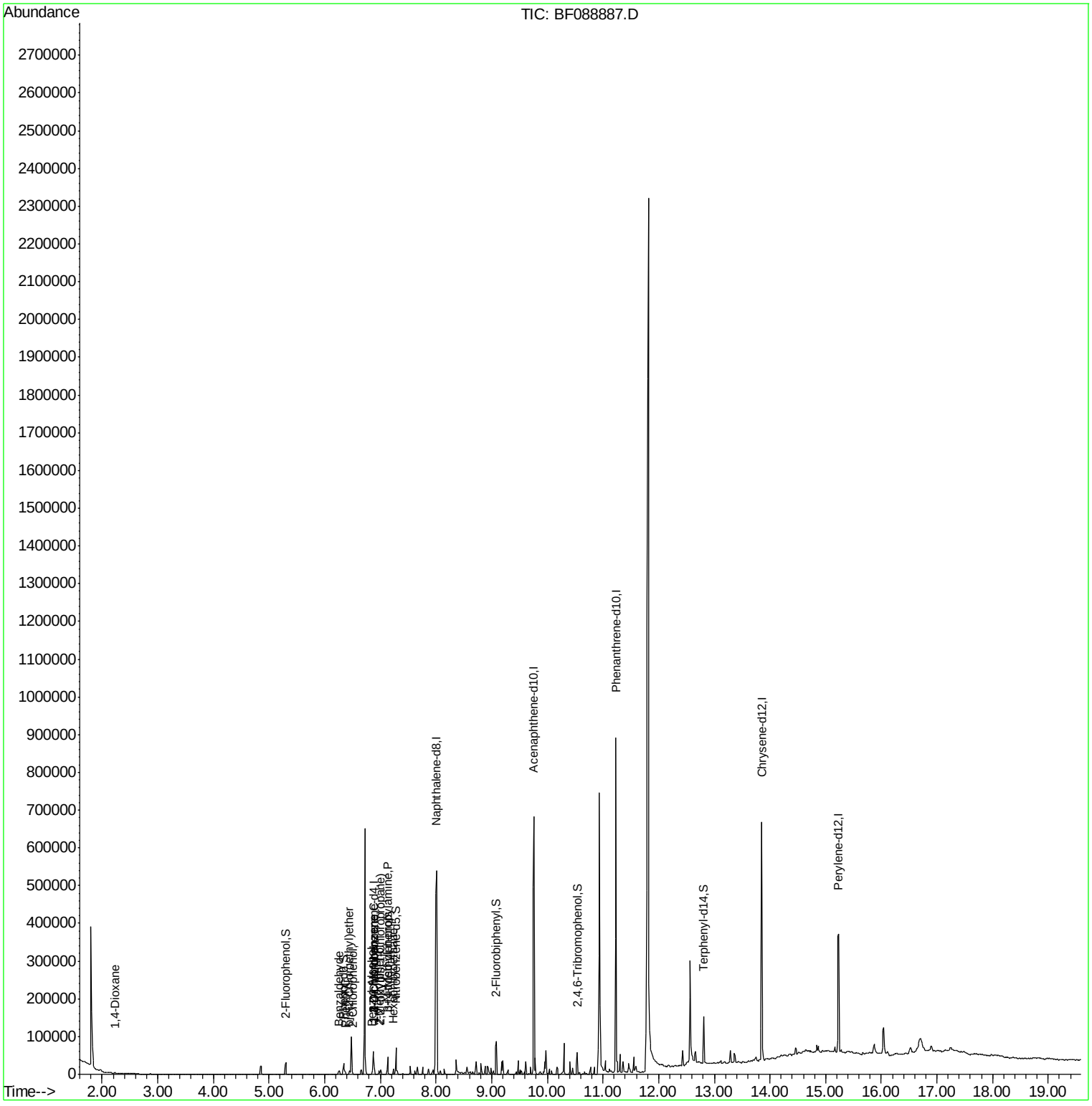
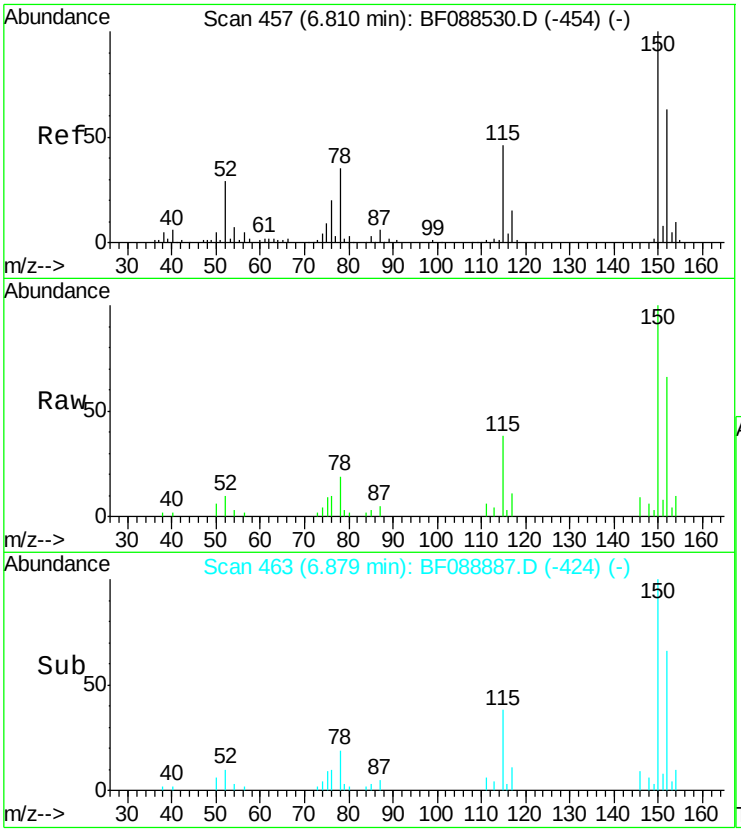


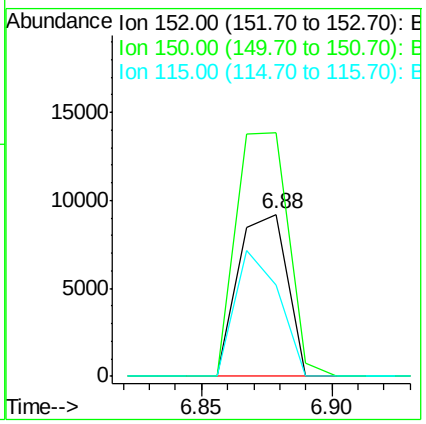


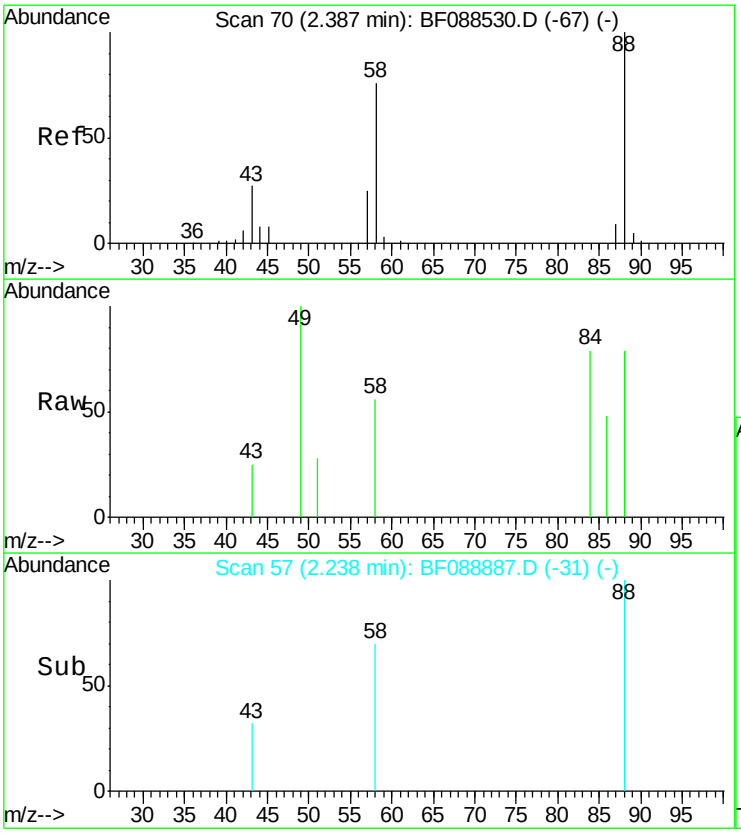
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 463
Delta R.T. 0.15 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion:152 Resp: 12103

Ion	Ratio	Lower	Upper
152	100		
150	150.5	123.8	185.6
115	56.7	39.6	59.4

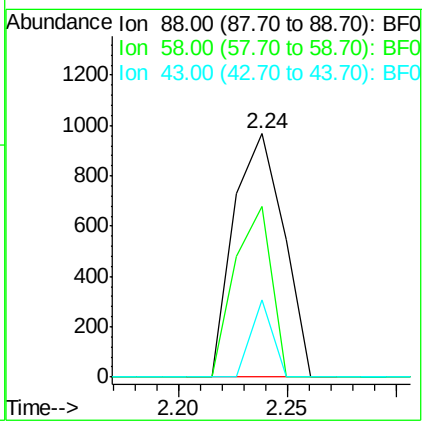


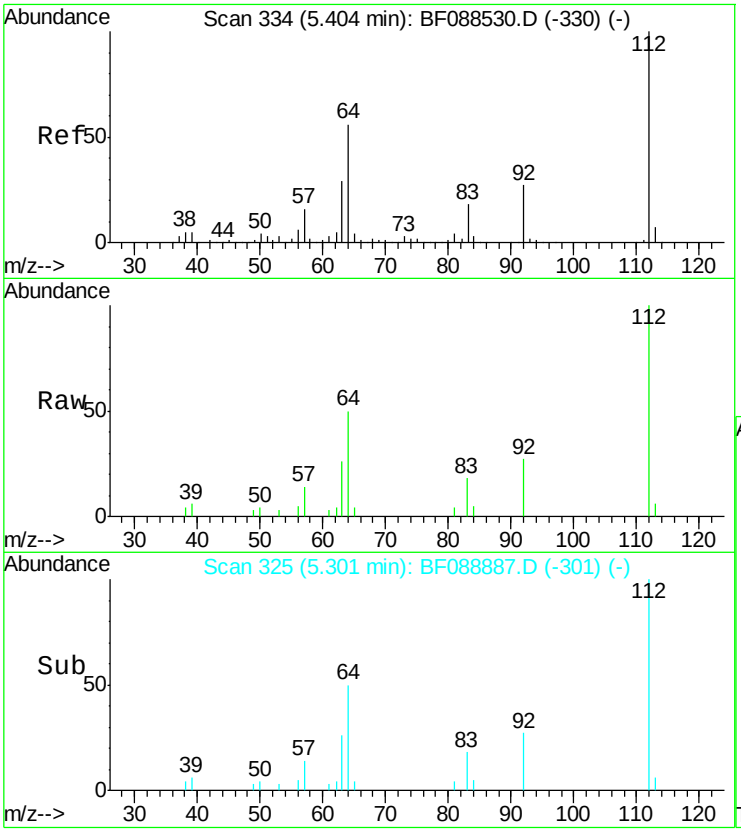


#2
1,4-Dioxane
Concen: 3.84 ng
RT: 2.24 min Scan# 57
Delta R.T. -0.00 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion: 88 Resp: 1536

Ion	Ratio	Lower	Upper
88	100		
58	51.8	0.0	0.0#
43	13.8	3.4	5.2#



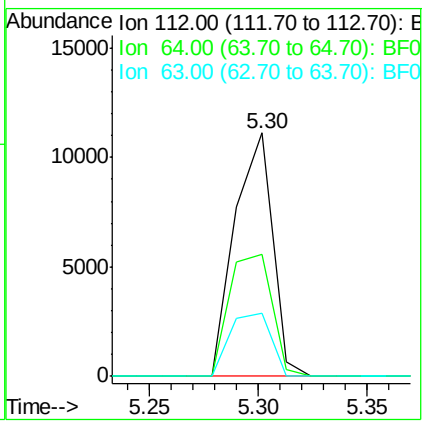


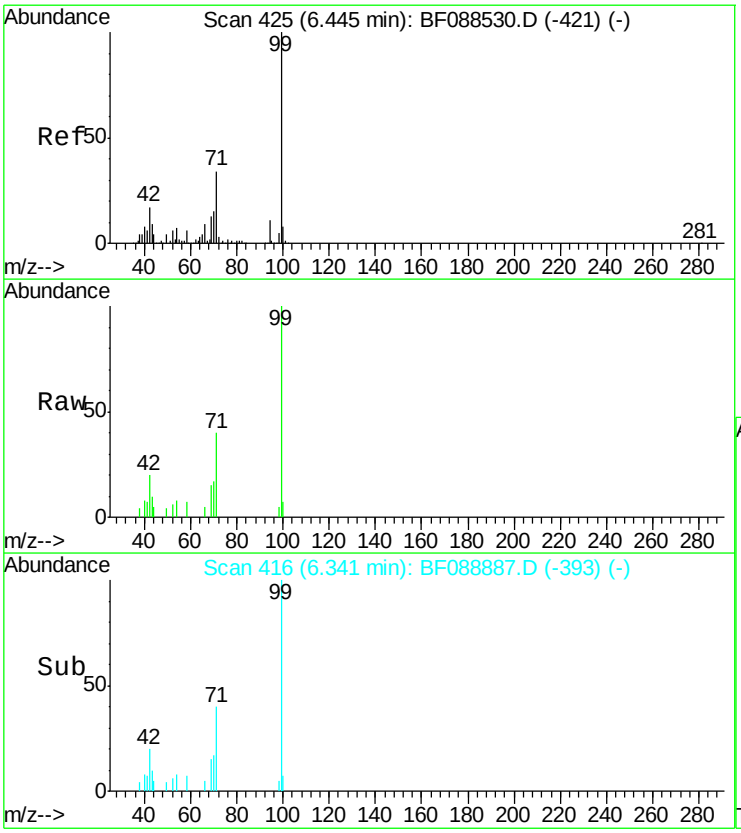
#5
2-Fluorophenol
Concen: 16.60 ng
RT: 5.30 min Scan# 325
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion:112 Resp: 13403

Ion	Ratio	Lower	Upper
112	100		
64	50.1	42.2	63.2
63	26.1	21.8	32.8

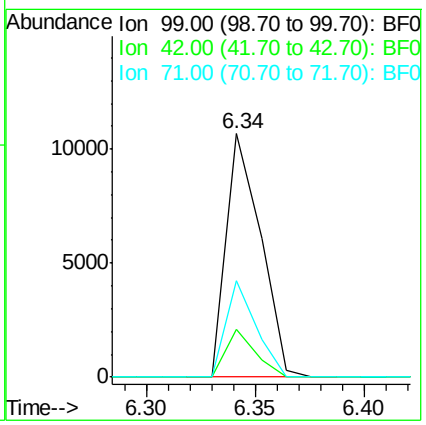


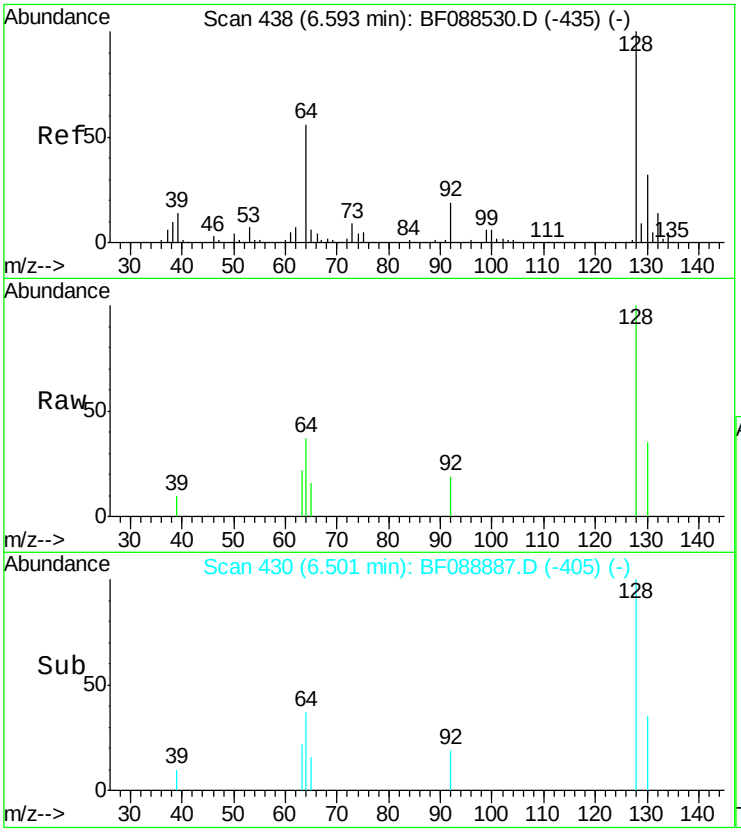


#7
Phenol-d6
Concen: 11.23 ng
RT: 6.34 min Scan# 416
Delta R.T. -0.03 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion: 99 Resp: 11719

Ion	Ratio	Lower	Upper
99	100		
42	19.9	12.2	18.2#
71	39.7	23.4	35.0#



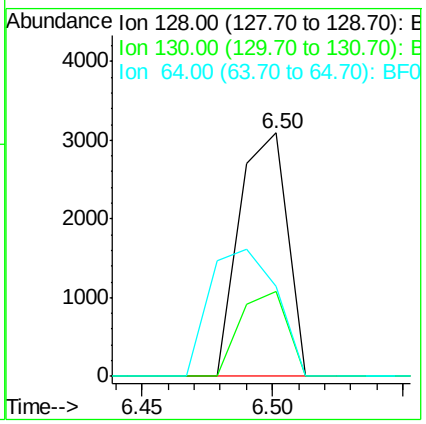


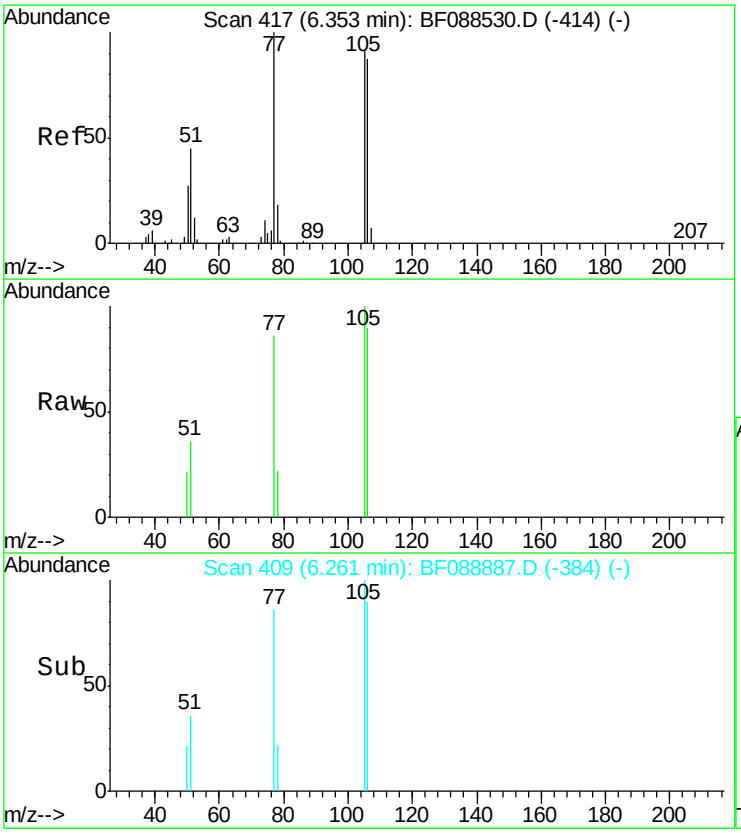
#8
2-Chlorophenol
Concen: 4.59 ng
RT: 6.50 min Scan# 430
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion:128 Resp: 3980

Ion	Ratio	Lower	Upper
128	100		
130	34.7	12.0	52.0
64	36.8	30.8	70.8

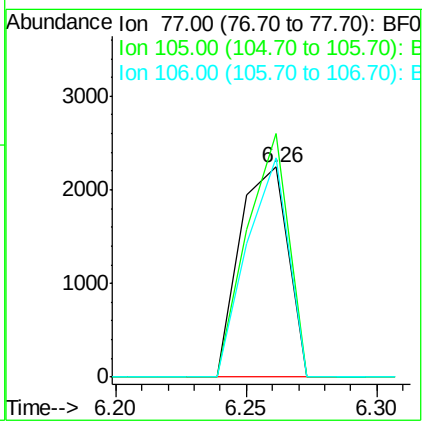


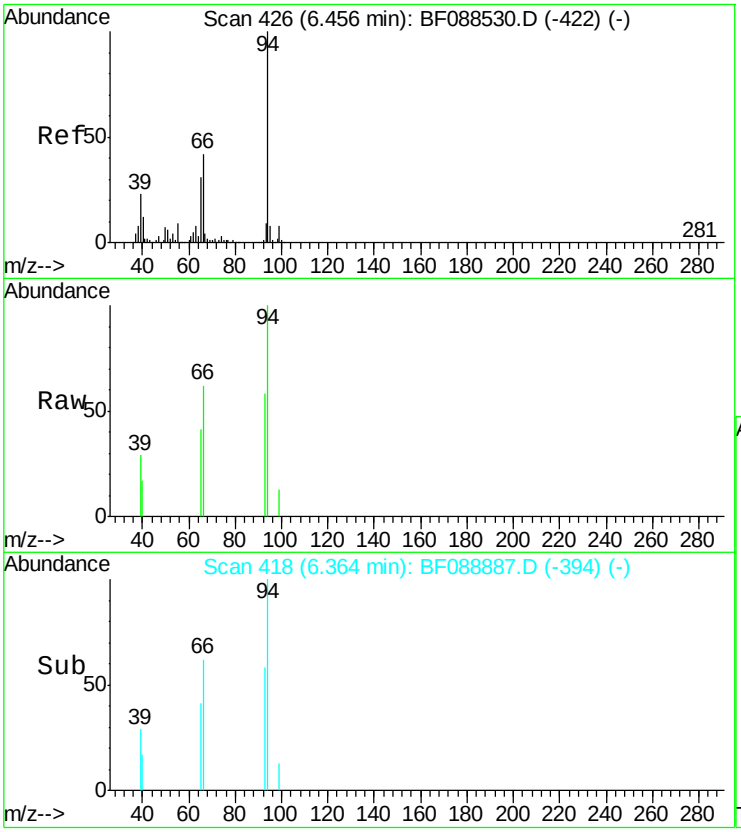


#9
Benzaldehyde
Concen: 4.06 ng
RT: 6.26 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion: 77 Resp: 2869

Ion	Ratio	Lower	Upper
77	100		
105	116.0	90.6	130.6
106	104.8	85.3	125.3



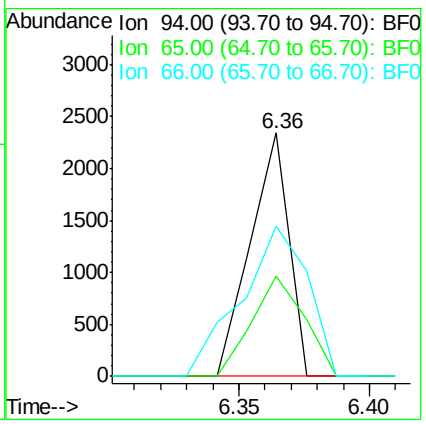


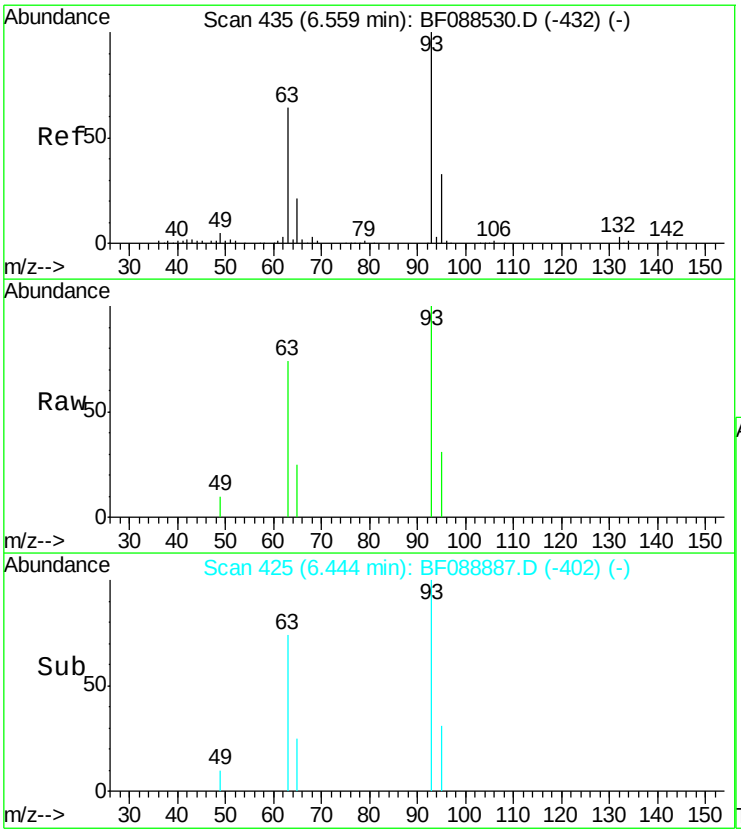
#10
Phenol
Concen: 2.00 ng
RT: 6.36 min Scan# 418
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion: 94 Resp: 2385

Ion	Ratio	Lower	Upper
94	100		
65	41.4	5.9	45.9
66	61.8	14.0	54.0#

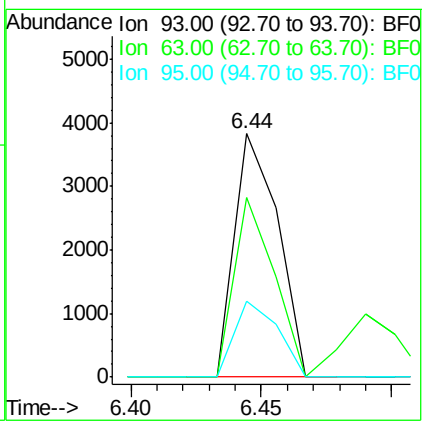


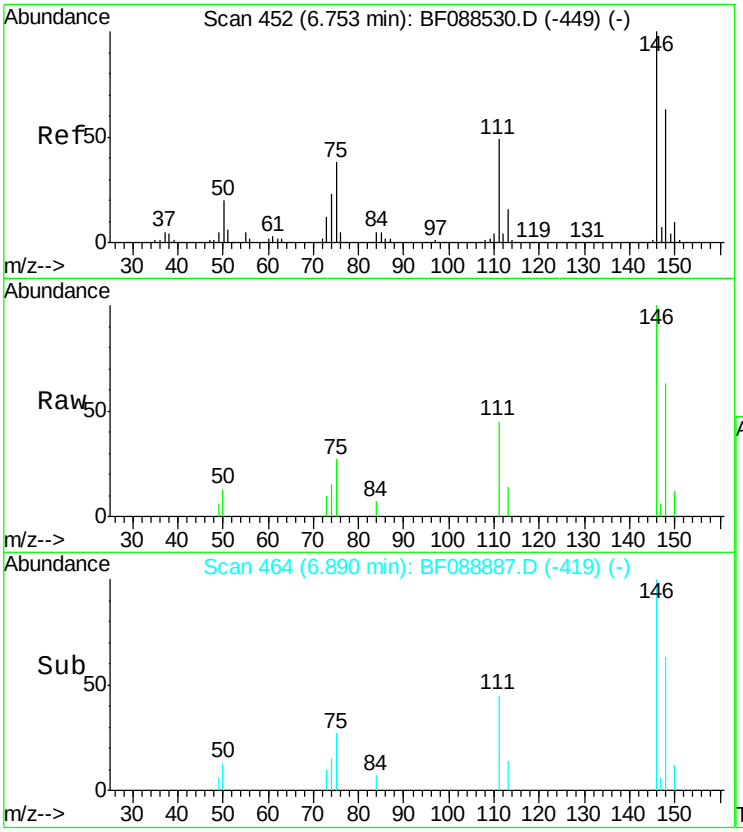


#11
bis(2-Chloroethyl)ether
Concen: 5.01 ng
RT: 6.44 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion: 93 Resp: 4449

Ion	Ratio	Lower	Upper
93	100		
63	73.9	67.6	107.6
95	31.0	12.5	52.5



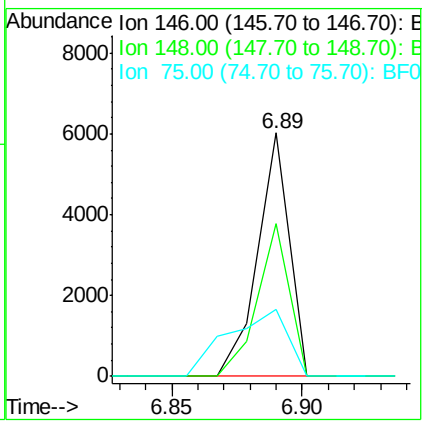


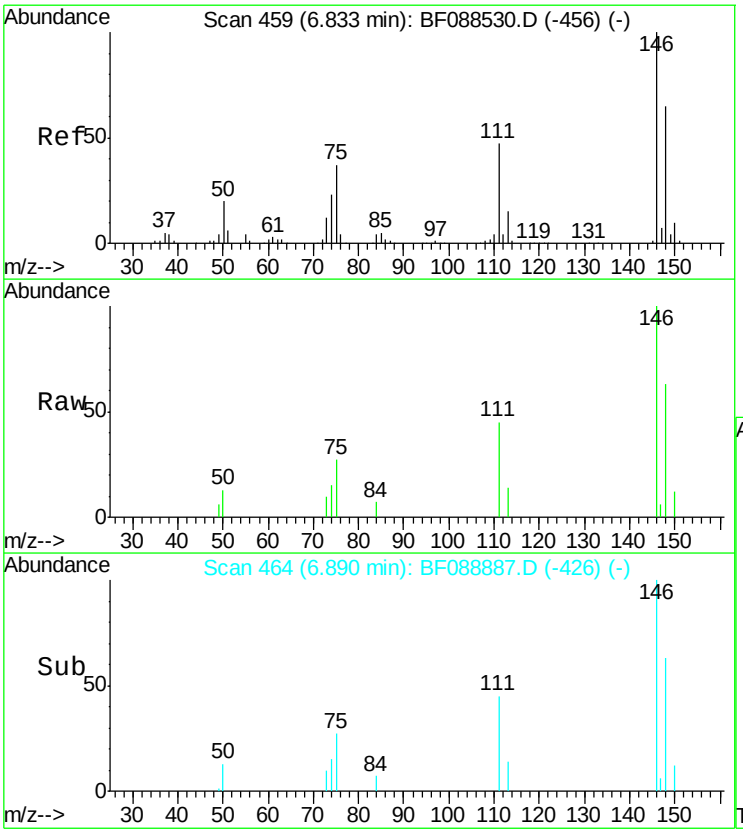
#12
1,3-Dichlorobenzene
Concen: 5.26 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.22 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion:146 Resp: 5026

Ion	Ratio	Lower	Upper
146	100		
148	62.5	50.9	76.3
75	27.3	25.6	38.4

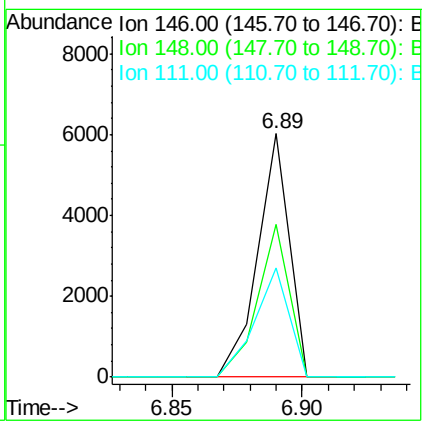


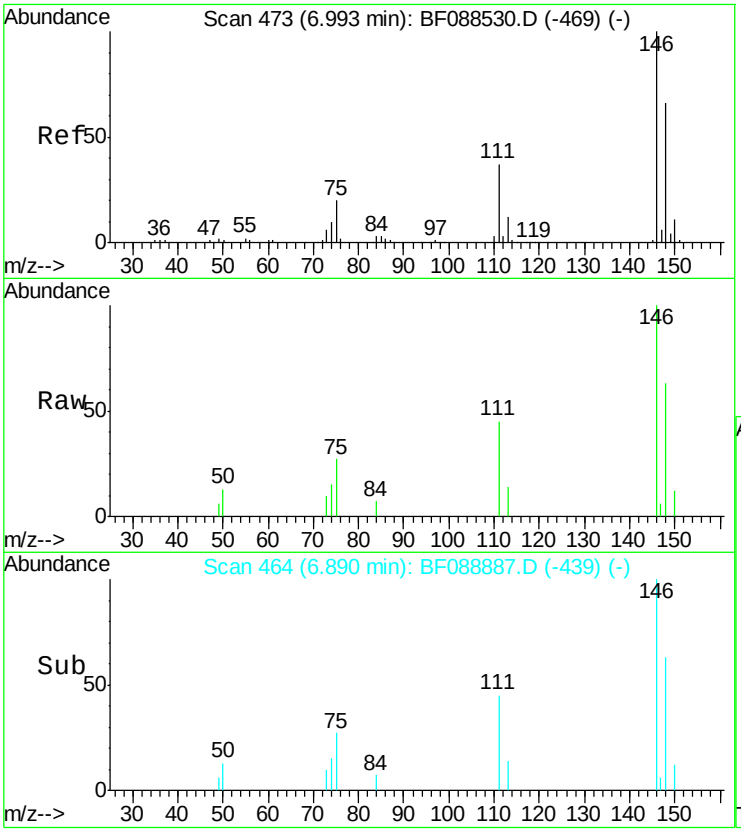


#13
1,4-Dichlorobenzene
Concen: 5.30 ng
RT: 6.89 min Scan# 464
Delta R.T. 0.14 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion:146 Resp: 5026

Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.0	78.0
111	44.6	33.8	50.8



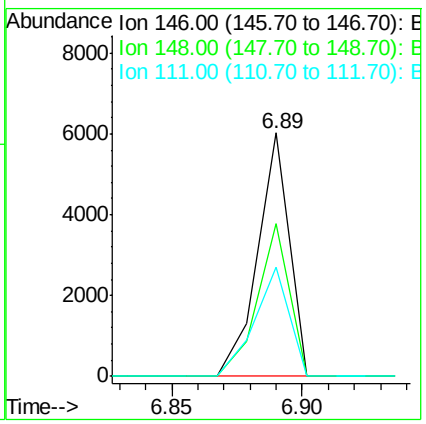


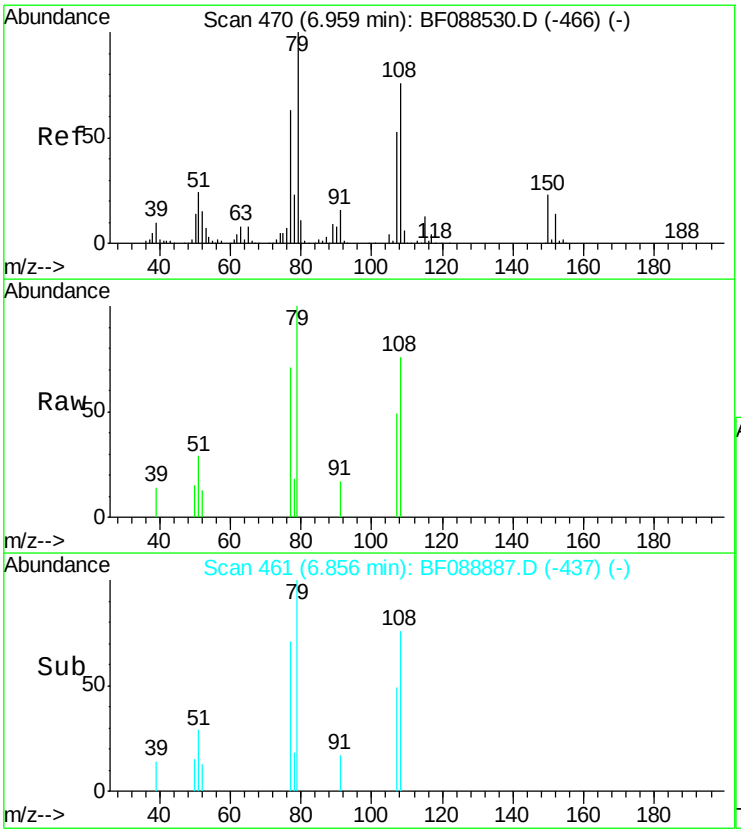
#14
1,2-Dichlorobenzene
Concen: 5.66 ng
RT: 6.89 min Scan# 464
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion:146 Resp: 5026

Ion	Ratio	Lower	Upper
146	100		
148	62.5	52.3	78.5
111	44.6	28.7	43.1#

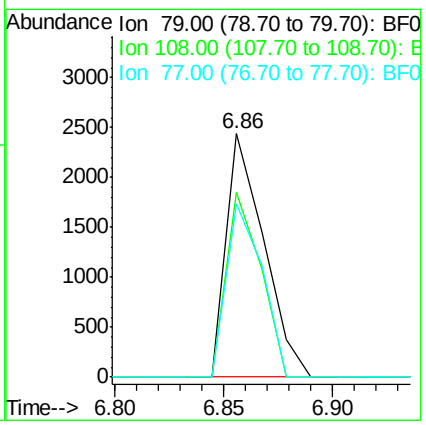


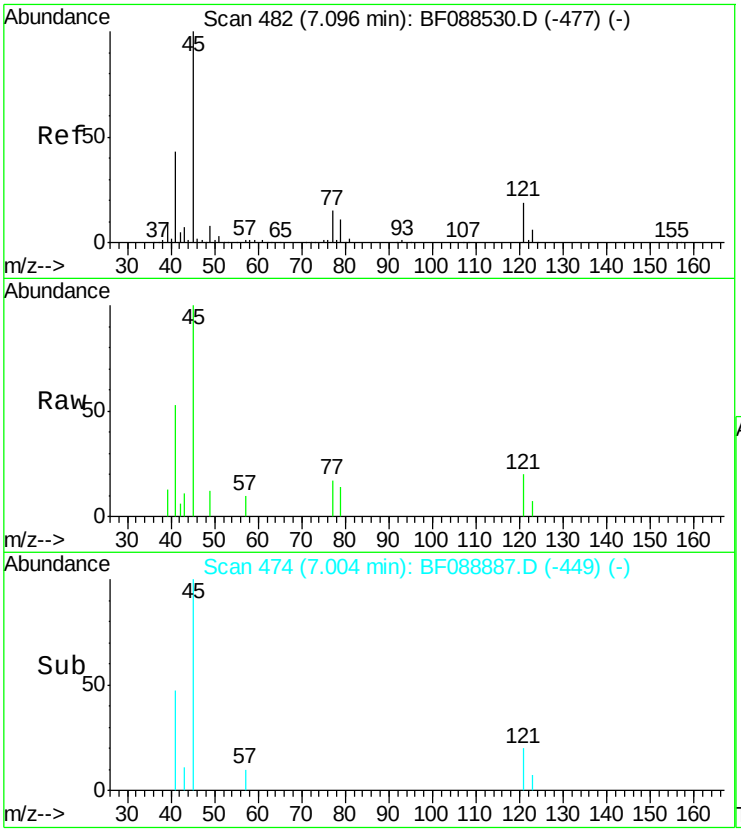


#15
Benzyl Alcohol
Concen: 3.82 ng
RT: 6.86 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion: 79 Resp: 2935

Ion	Ratio	Lower	Upper
79	100		
108	76.1	65.0	97.6
77	71.4	50.3	75.5



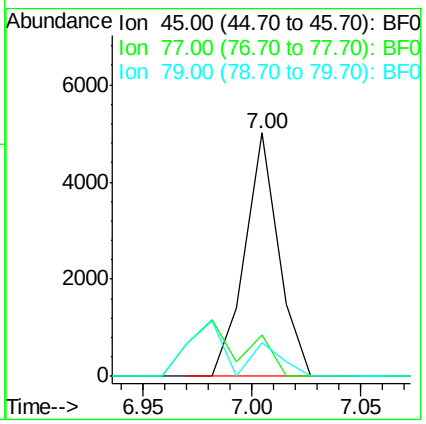


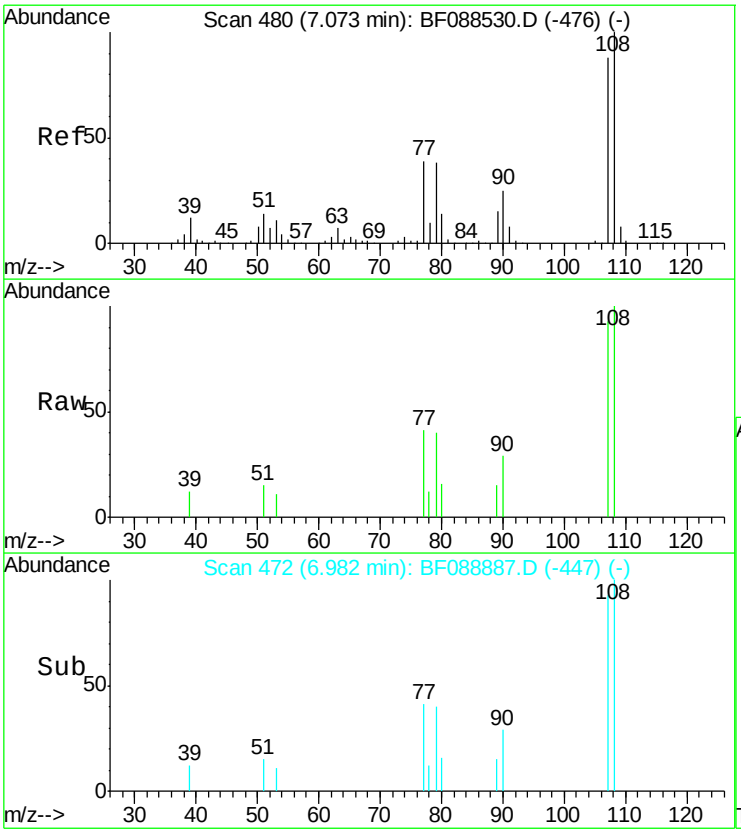
#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.21 ng
RT: 7.00 min Scan# 474
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion: 45 Resp: 5417

Ion	Ratio	Lower	Upper
45	100		
77	17.2	0.0	32.5
79	13.7	0.0	29.5

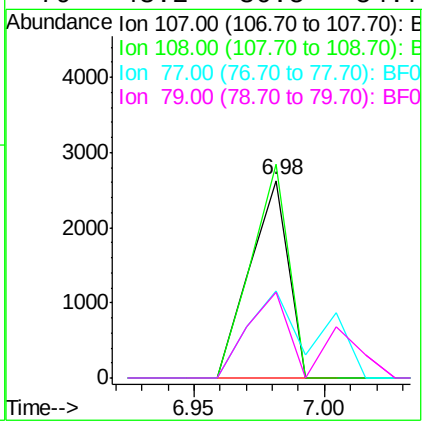


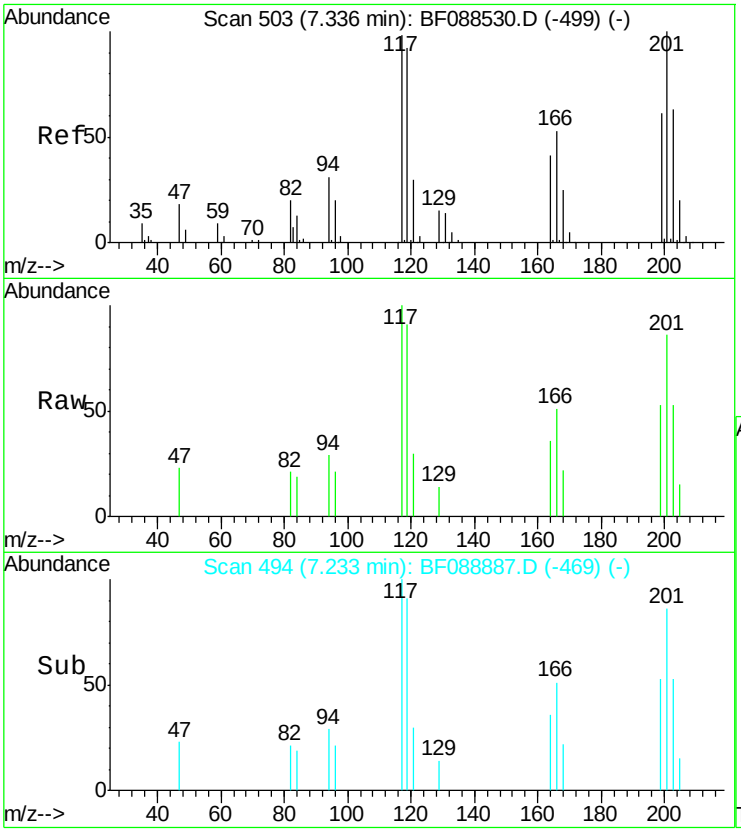


#17
2-Methylphenol
Concen: 3.85 ng
RT: 6.98 min Scan# 472
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion:107 Resp: 2724

Ion	Ratio	Lower	Upper
107	100		
108	108.0	90.9	136.3
77	44.1	36.6	55.0
79	43.2	36.5	54.7



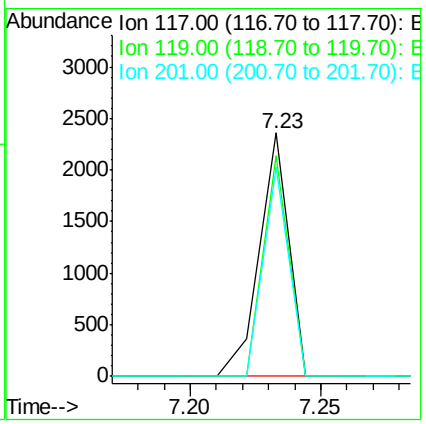


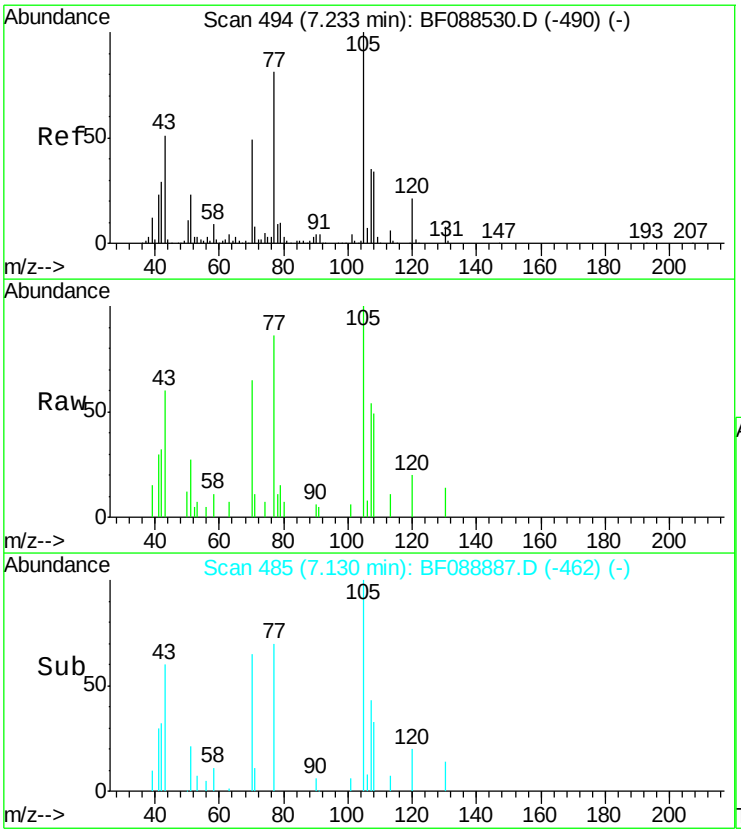
#18
Hexachloroethane
Concen: 5.09 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion:117 Resp: 1865

Ion	Ratio	Lower	Upper
117	100		
119	90.8	77.4	116.2
201	86.1	80.4	120.6

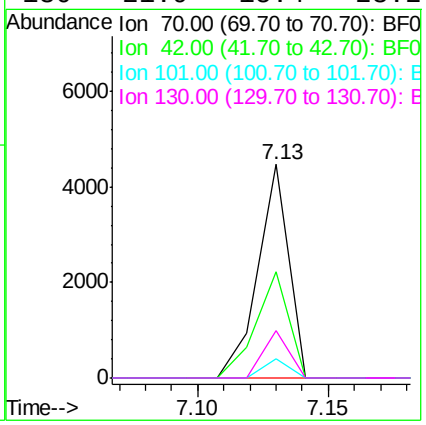


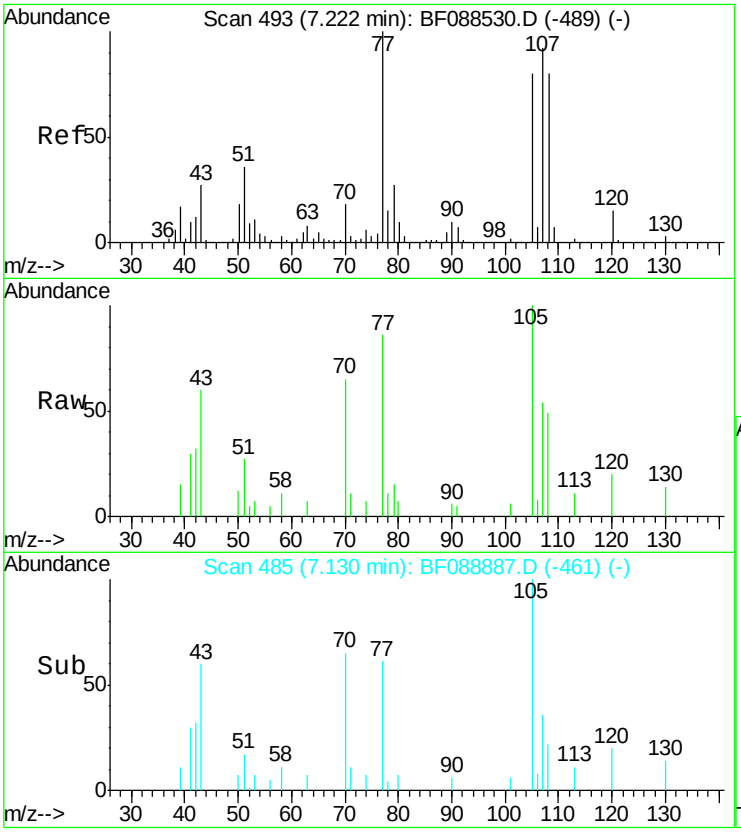


#19
n-Nitroso-di-n-propylamine
Concen: 5.30 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.03 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion: 70 Resp: 3716

Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.6	74.4
101	9.0	7.1	10.7
130	21.9	15.4	23.2



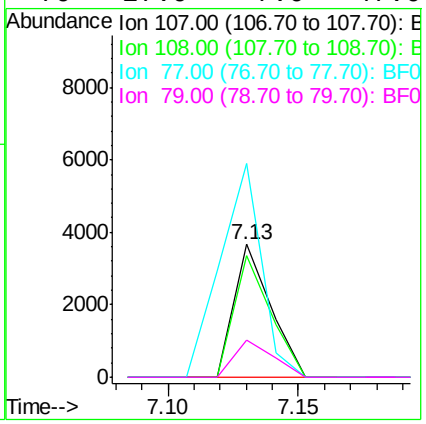


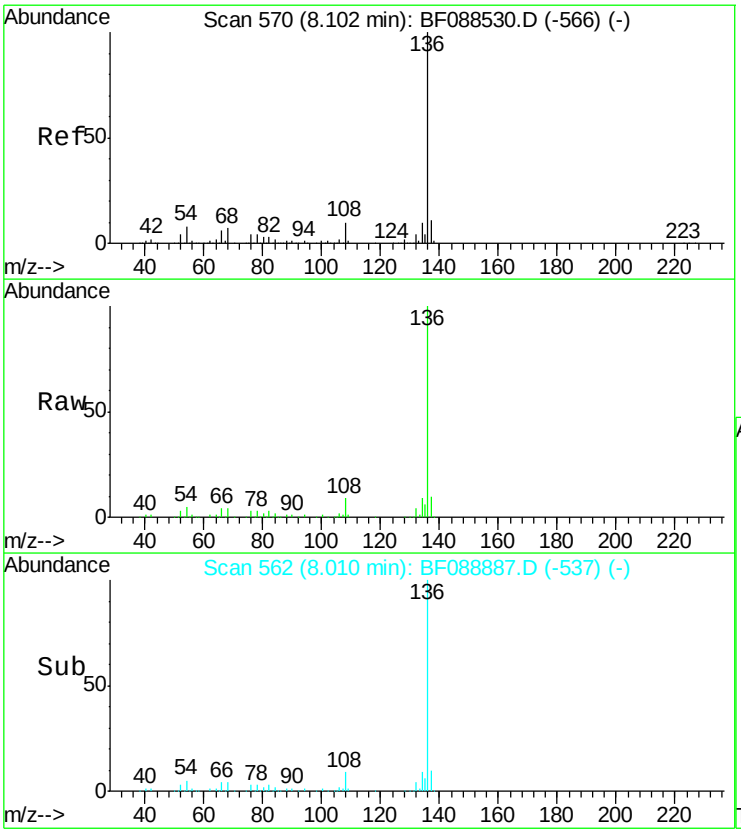
#20
3+4-Methylphenols
Concen: 4.25 ng
RT: 7.13 min Scan# 485
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion:107 Resp: 3611

Ion	Ratio	Lower	Upper
107	100		
108	91.2	67.8	107.8
77	160.5	59.3	99.3#
79	27.9	7.0	47.0

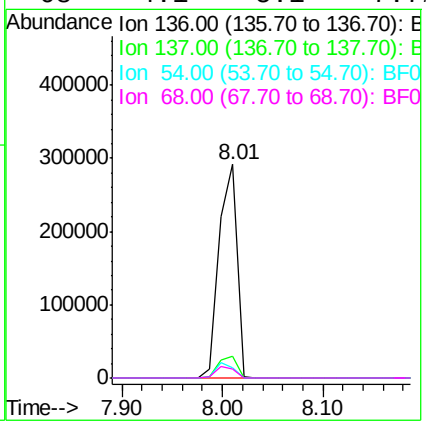


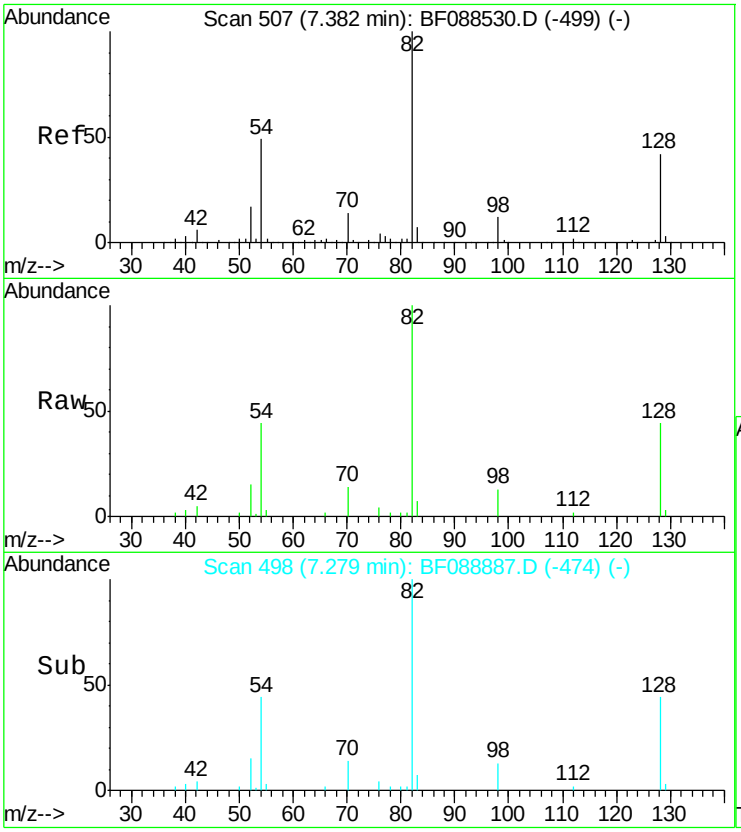


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion:136 Resp: 363092

Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.1	13.7
54	4.7	6.6	10.0#
68	4.1	5.1	7.7#



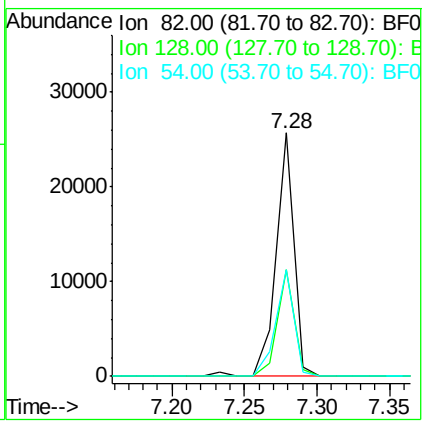


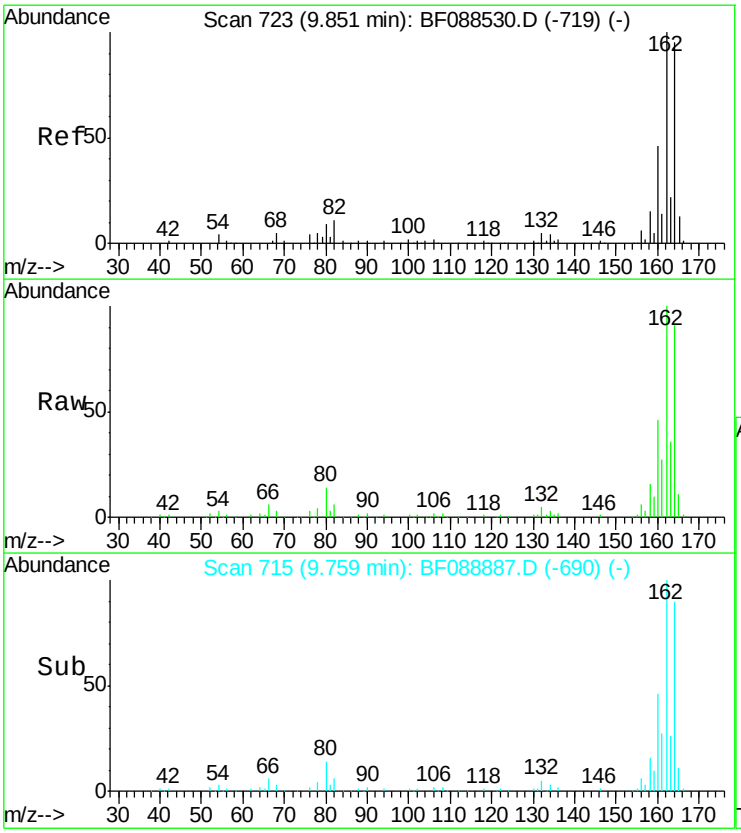
#23
Nitrobenzene-d5
Concen: 3.18 ng
RT: 7.28 min Scan# 498
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion: 82 Resp: 22032

Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.9	53.9
54	44.0	40.9	61.3

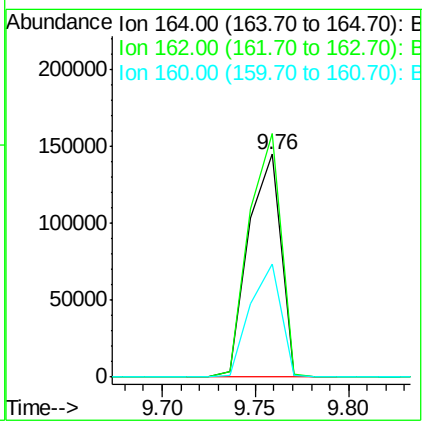


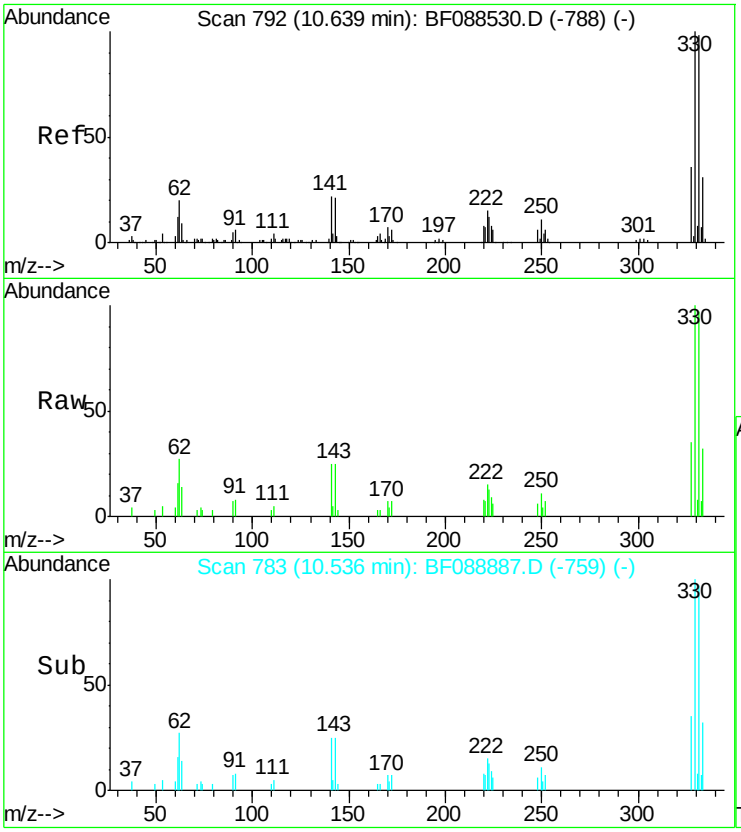


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 715
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion:164 Resp: 173677

Ion	Ratio	Lower	Upper
164	100		
162	109.4	85.4	128.2
160	50.7	39.5	59.3



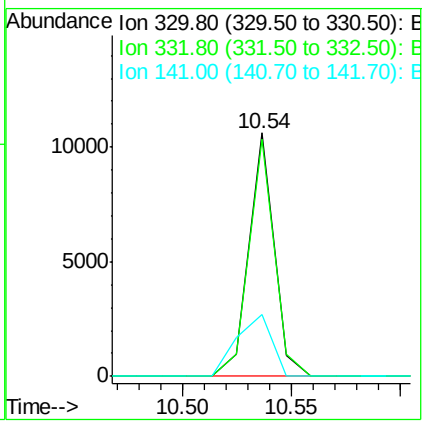


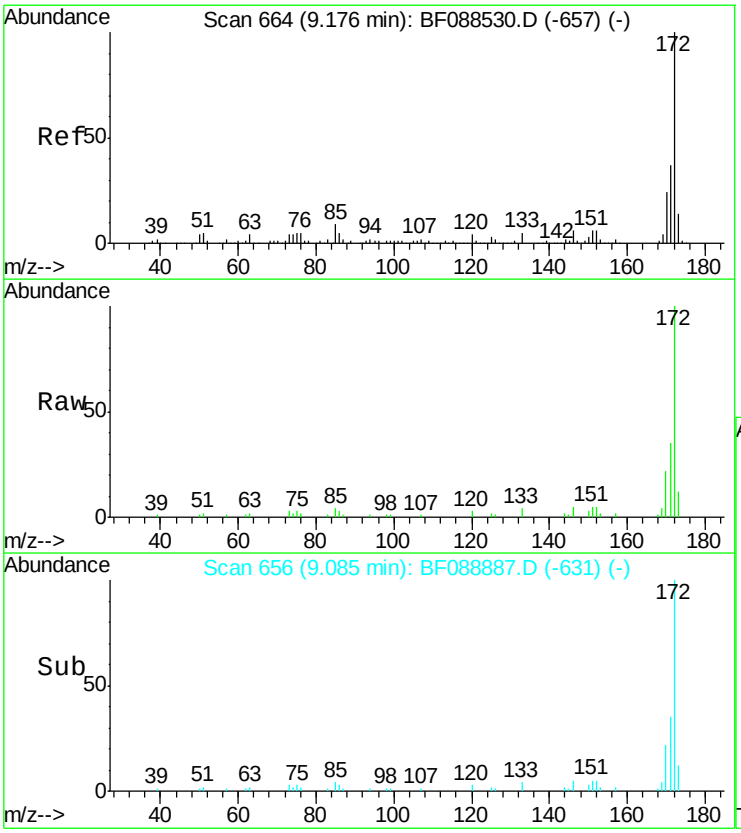
#41
2,4,6-Tribromophenol
Concen: 5.33 ng
RT: 10.54 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion:330 Resp: 8601

Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	34.8	0.0	0.0#

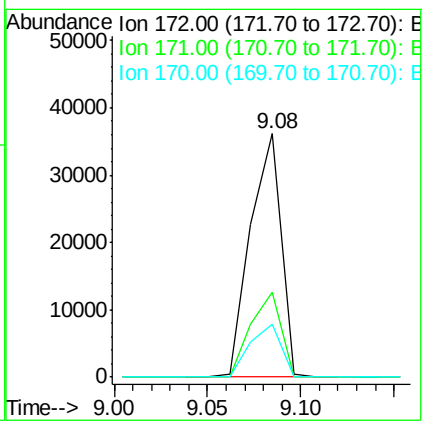


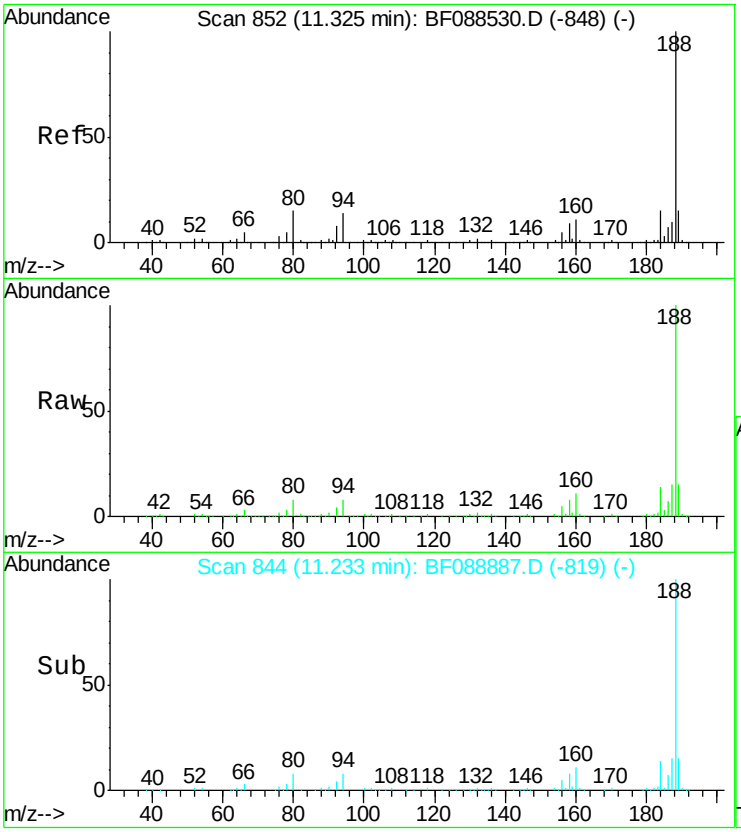


#44
2-Fluorobiphenyl
Concen: 3.73 ng
RT: 9.08 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion:172 Resp: 40960

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.6	43.0
170	21.8	19.2	28.8



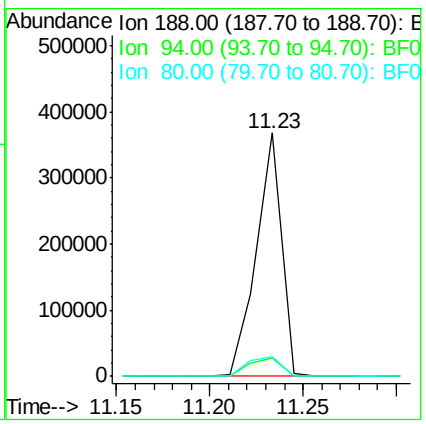


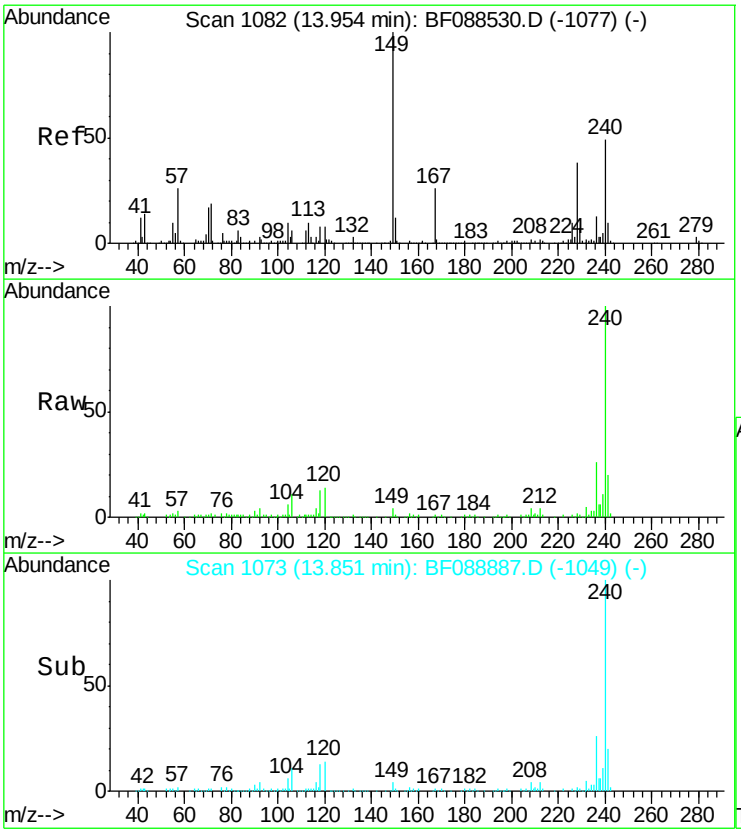
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.23 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion:188 Resp: 342516

Ion	Ratio	Lower	Upper
188	100		
94	7.7	9.0	13.6#
80	8.2	10.0	15.0#

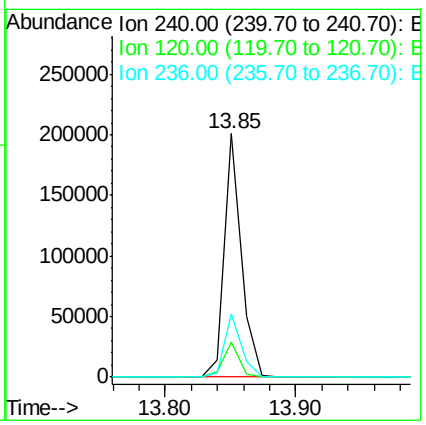


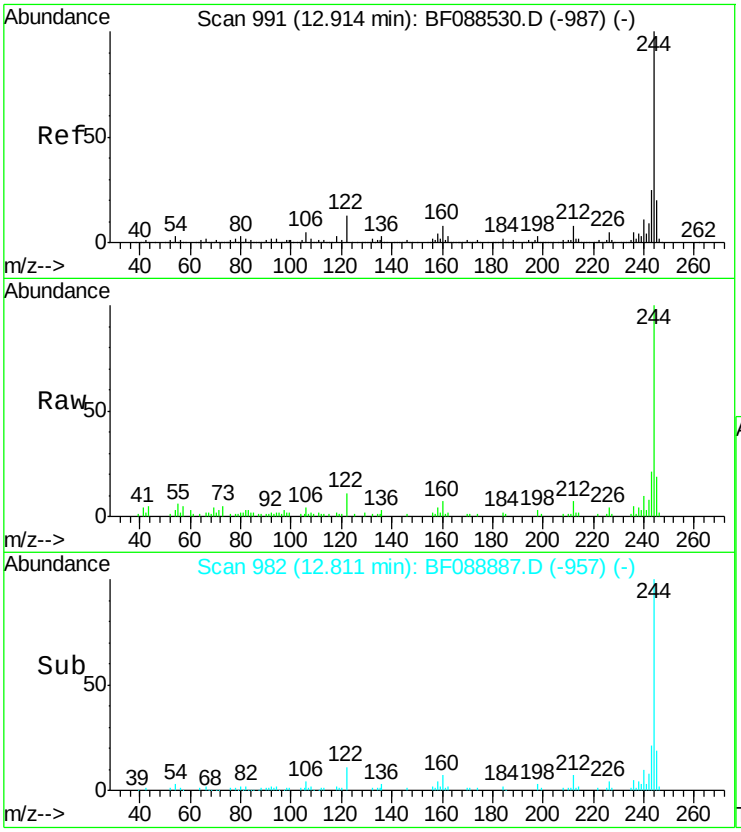


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion:240 Resp: 184116

Ion	Ratio	Lower	Upper
240	100		
120	14.4	6.8	10.2#
236	26.0	20.2	30.2



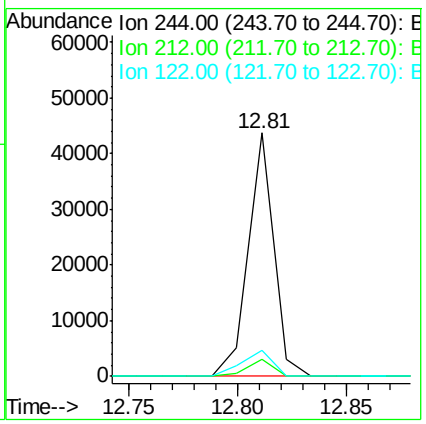


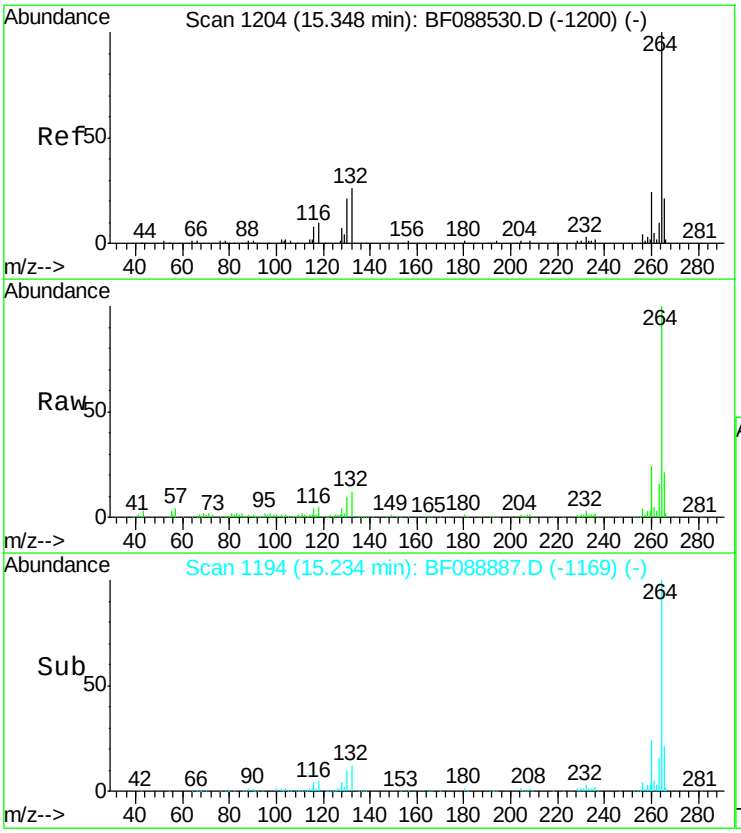
#78
Terphenyl-d14
Concen: 4.32 ng
RT: 12.81 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Instrument :
BNA_F
ClientSampleId :
P001-WW001-01MSD

Tgt Ion:244 Resp: 35681

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	10.9	11.2	16.8#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.23 min Scan# 1194
Delta R.T. -0.01 min
Lab File: BF088887.D
Acq: 9 Jul 2016 22:58

Tgt Ion:264 Resp: 172079

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	16.9	25.3