Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083947.D
Acq On : 19 Dec 2015 7:30
Operator : UM/SJ
Sample : G4840-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-10

Quant Time: Dec 21 01:14:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	53632	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	198947	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	91065	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	156133	20.00	ng		0.00
75) Chrysene-d12	14.02	240	117298	20.00	ng		-0.01
86) Perylene-d12	15.46	264	105517	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	203725	59.45	ng		0.00
7) Phenol-d6	6.51	99	160920	38.36	ng		0.00
23) Nitrobenzene-d5	7.44	82	348393	99.94	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	135751	135.31	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	596020	93.34	ng		-0.01
78) Terphenyl-d14	12.98	244	517468	104.59	ng		0.00
Target Compounds							Qvalue
9) Benzaldehyde	6.64	77	8313	3.29	ng		87
14) 1,2-Dichlorobenzene	7.04	146	855	Below Cal		#	71
15) Benzyl Alcohol	7.02	79	8687	2.74	ng	#	40
18) Hexachloroethane	7.44	117	213889	130.16	ng	#	6
22) Acetophenone	7.26	105	12036	2.51	ng	#	59
24) Nitrobenzene	7.41	77	43396	12.04	ng	#	23
28) bis(2-Chloroethoxy)methane	7.89	93	11373	2.93	ng	#	1
31) Naphthalene	8.17	128	47201	2.64	ng	#	66
32) Benzoic acid	7.93	122	841	2.38	ng	#	1
36) 4-Chloro-3-methylphenol	8.74	107	2032	Below Cal		#	30
37) 2-Methylnaphthalene	8.86	142	72097	10.43	ng		97
45) 1,1'-Biphenyl	9.38	154	214	Below Cal		#	1
46) 2-Chloronaphthalene	9.26	162	6680	Below Cal			95
47) 2-Nitroaniline	9.39	65	3776	2.10	ng	#	40
53) 2,4-Dinitrophenol	9.89	184	247	10.65	ng	#	1
57) Fluorene	10.45	166	10574	Below Cal		#	94
59) Diethylphthalate	10.30	149	41036	5.19	ng	#	58
64) 4,6-Dinitro-2-methylphenol	10.53	198	736	4.63	ng	#	1
66) 4-Bromophenyl-phenylether	10.70	248	9512	4.98	ng	#	1
77) Pyrene	12.83	202	510	Below Cal		#	50

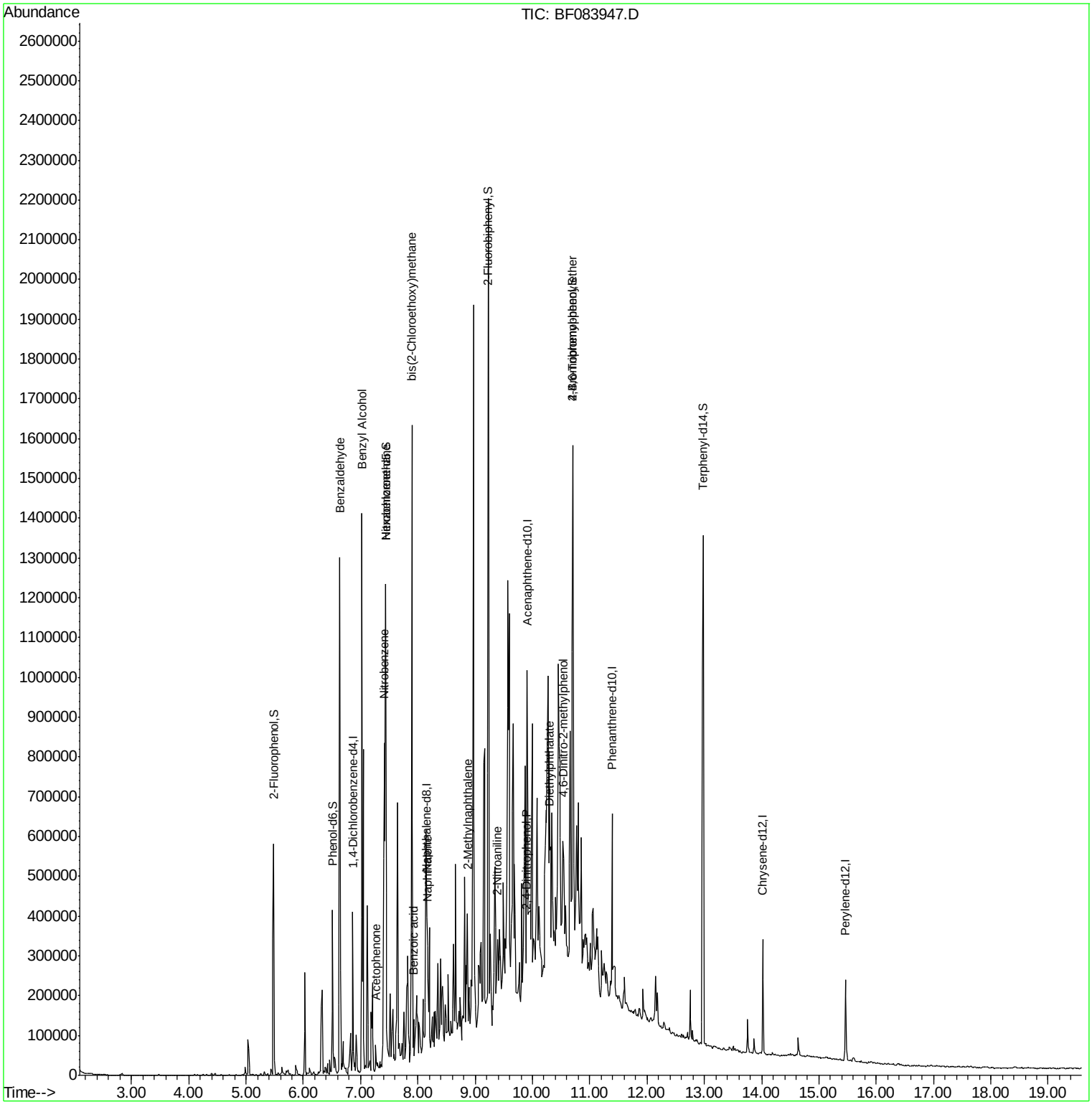
(#) = qualifier out of range (m) = manual integration (+) = signals summed

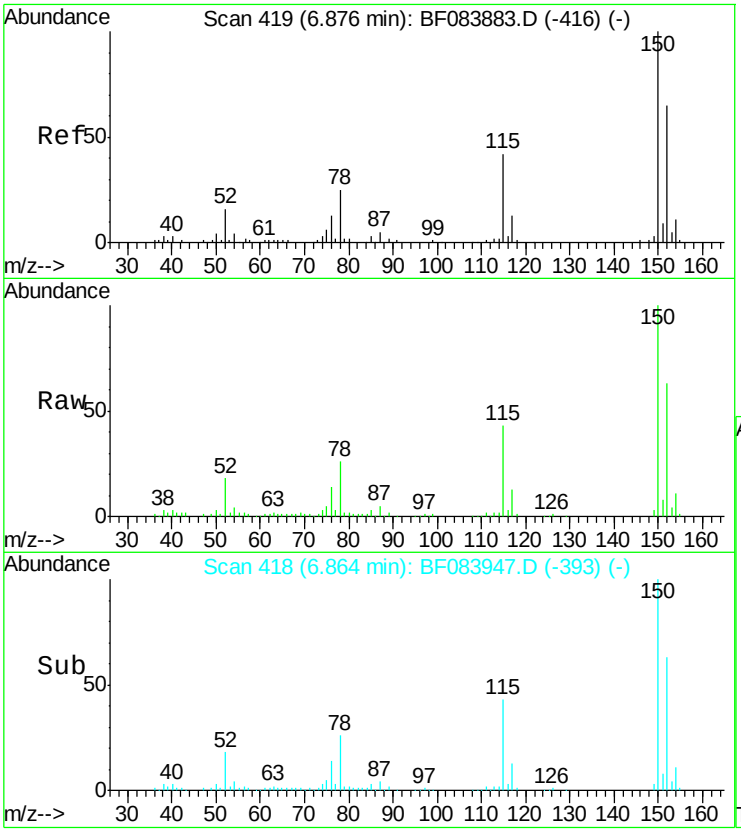
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083947.D
Acq On : 19 Dec 2015 7:30
Operator : UM/SJ
Sample : G4840-12
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W-10

Quant Time: Dec 21 01:14:01 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration



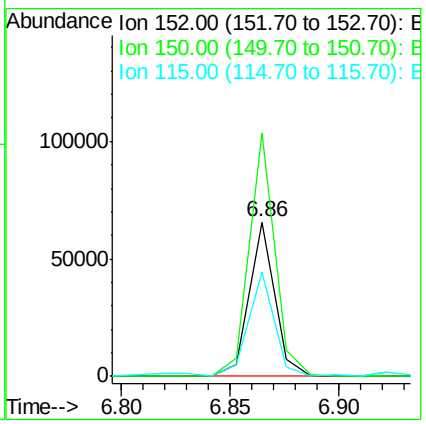


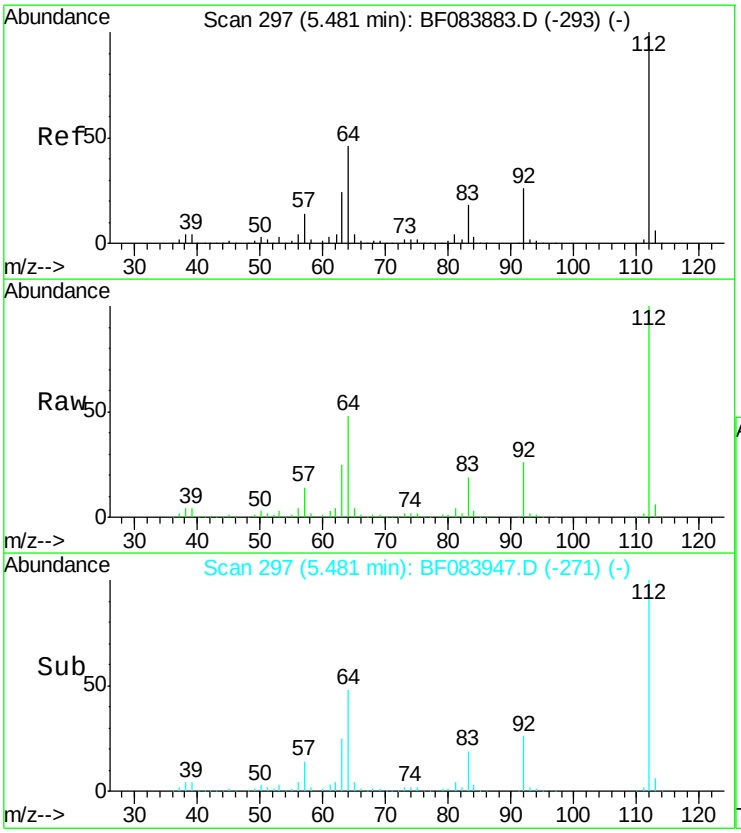
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion:152 Resp: 53632

Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.0	184.4
115	67.1	51.4	77.2

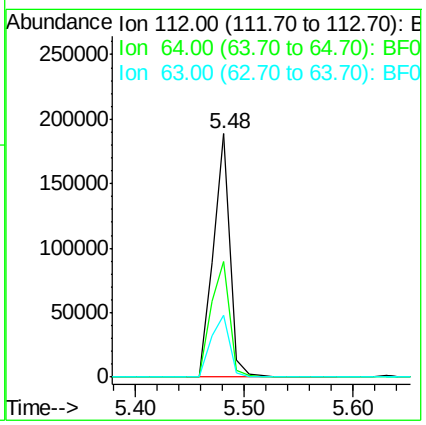


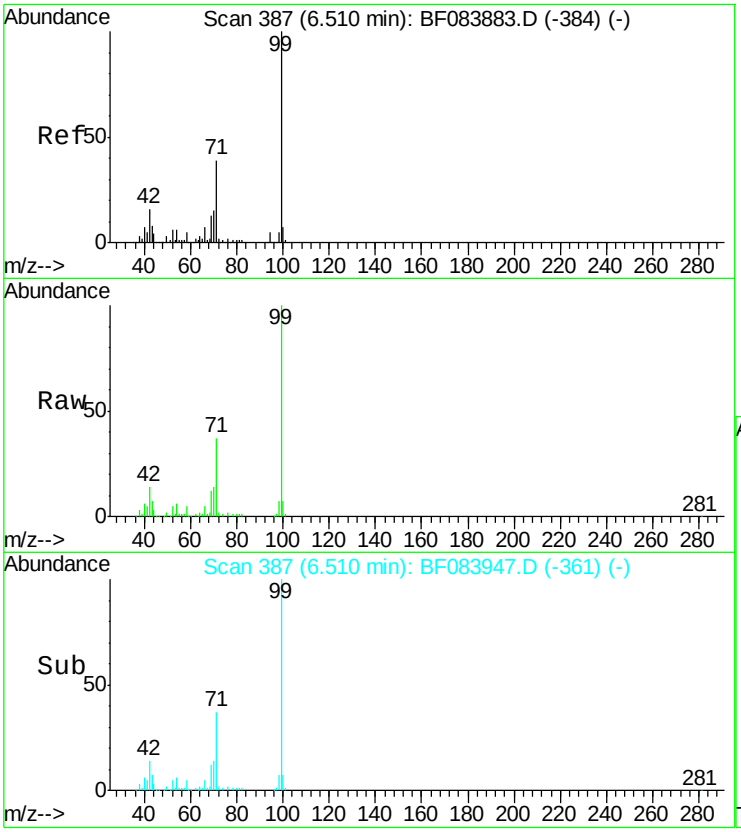


#5
2-Fluorophenol
Concen: 59.45 ng
RT: 5.48 min Scan# 297
Delta R.T. -0.00 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion:112 Resp: 203725

Ion	Ratio	Lower	Upper
112	100		
64	47.5	36.6	55.0
63	25.3	19.4	29.0



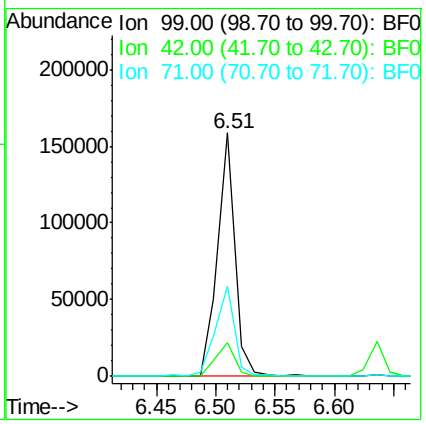


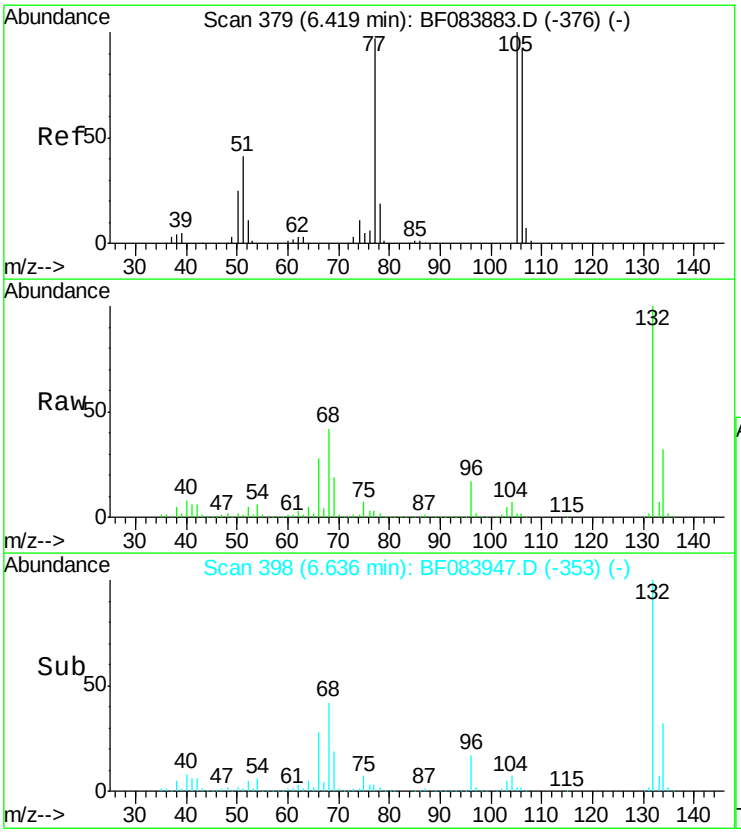
#7
Phenol-d6
Concen: 38.36 ng
RT: 6.51 min Scan# 387
Delta R.T. -0.00 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion: 99 Resp: 160920

Ion	Ratio	Lower	Upper
99	100		
42	13.9	12.8	19.2
71	36.7	30.9	46.3

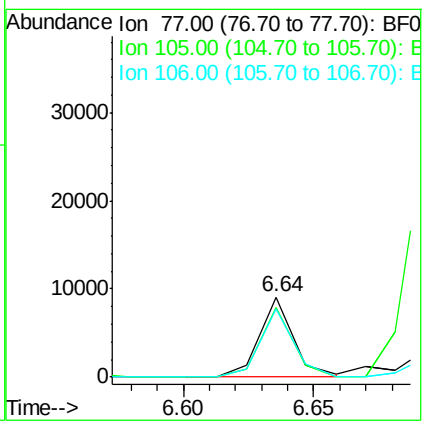


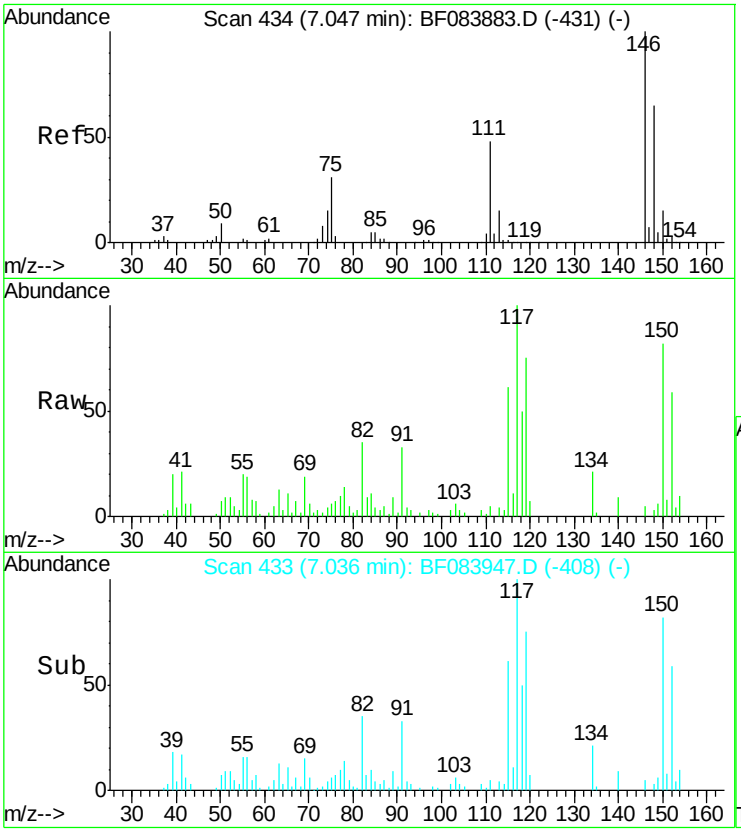


#9
Benzaldehyde
Concen: 3.29 ng
RT: 6.64 min Scan# 398
Delta R.T. 0.22 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion: 77 Resp: 8313

Ion	Ratio	Lower	Upper
77	100		
105	86.5	83.0	123.0
106	84.5	74.6	114.6



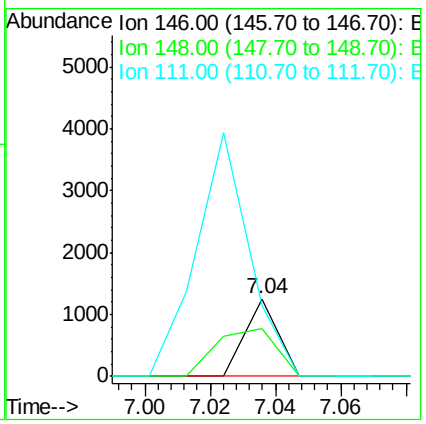


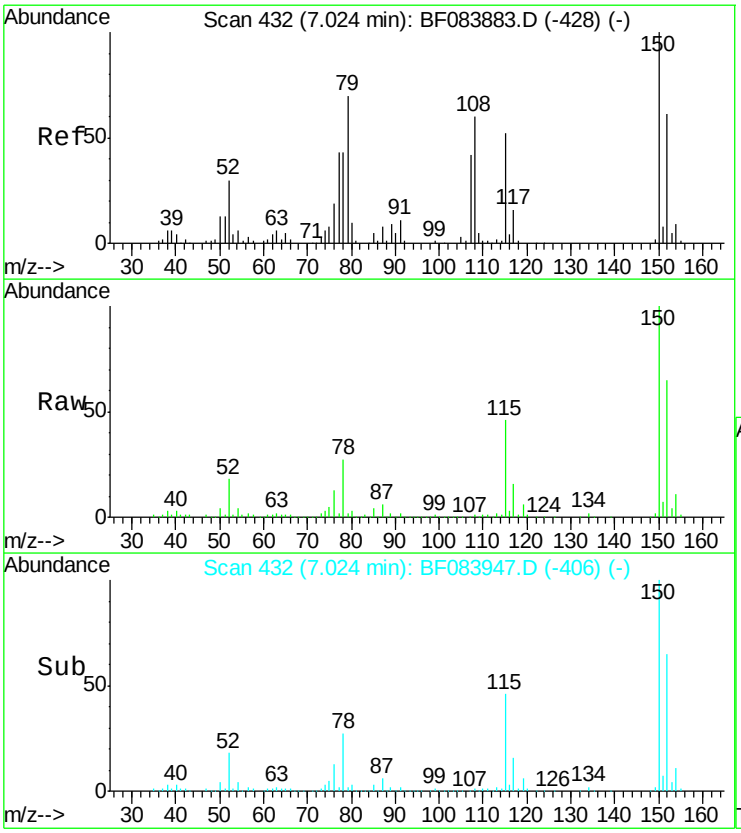
#14
1,2-Dichlorobenzene
Concen: Below Cal
RT: 7.04 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion:146 Resp: 855

Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.6	77.4
111	92.1	38.0	57.0#

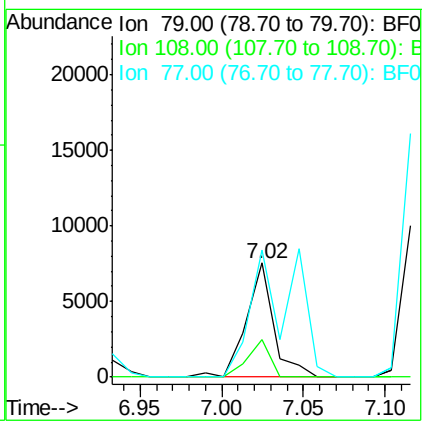


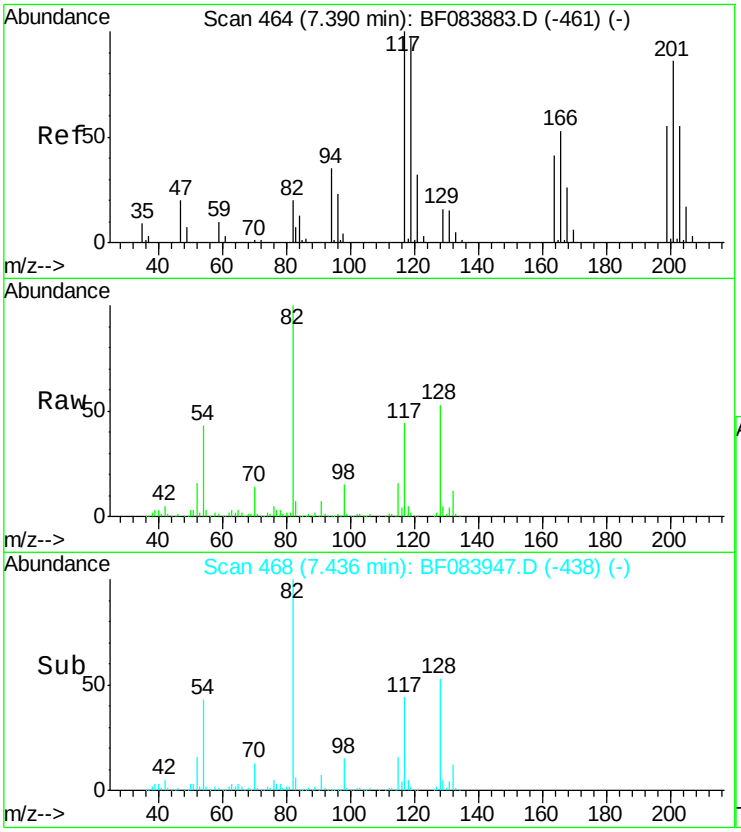


#15
Benzyl Alcohol
Concen: 2.74 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.00 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion: 79 Resp: 8687

Ion	Ratio	Lower	Upper
79	100		
108	32.6	69.0	103.4#
77	111.6	50.0	75.0#



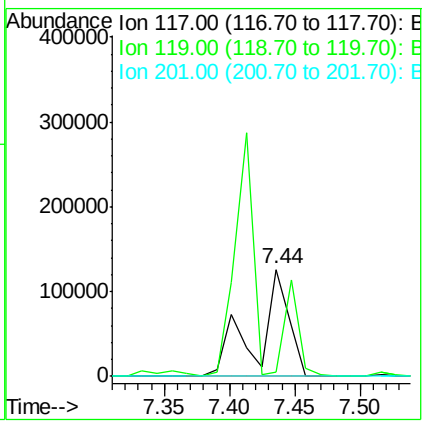


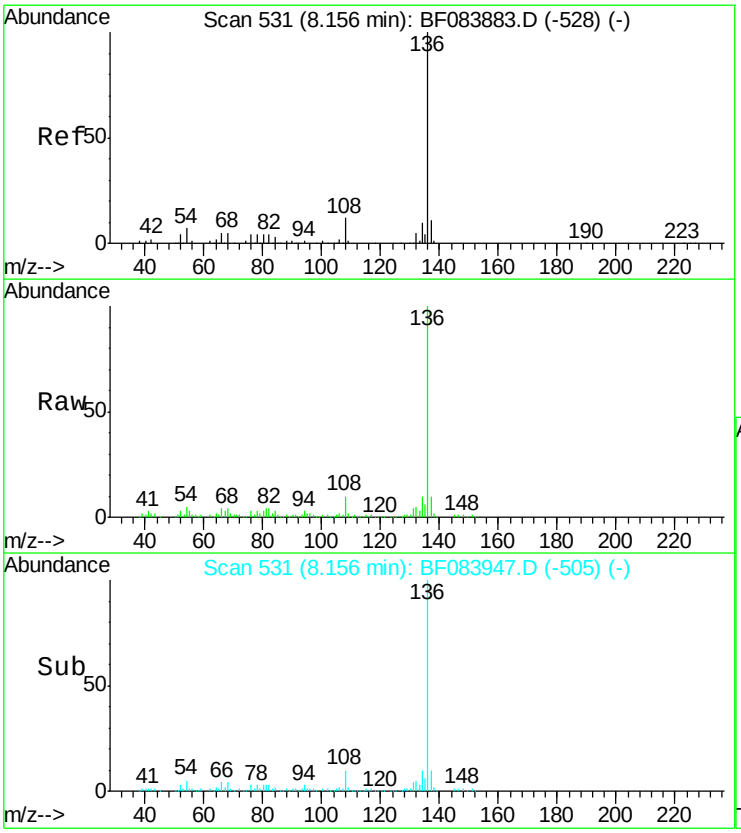
#18
Hexachloroethane
Concen: 130.16 ng
RT: 7.44 min Scan# 468
Delta R.T. 0.05 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion:117 Resp: 213889

Ion	Ratio	Lower	Upper
117	100		
119	4.3	77.4	116.0#
201	0.0	68.6	103.0#

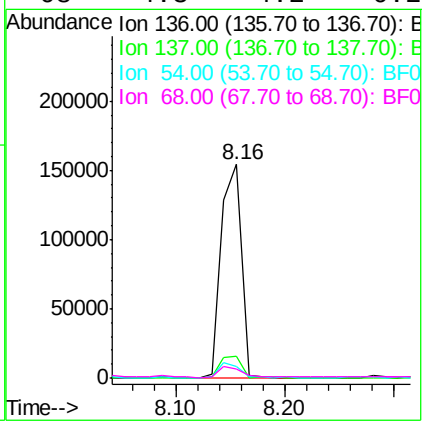


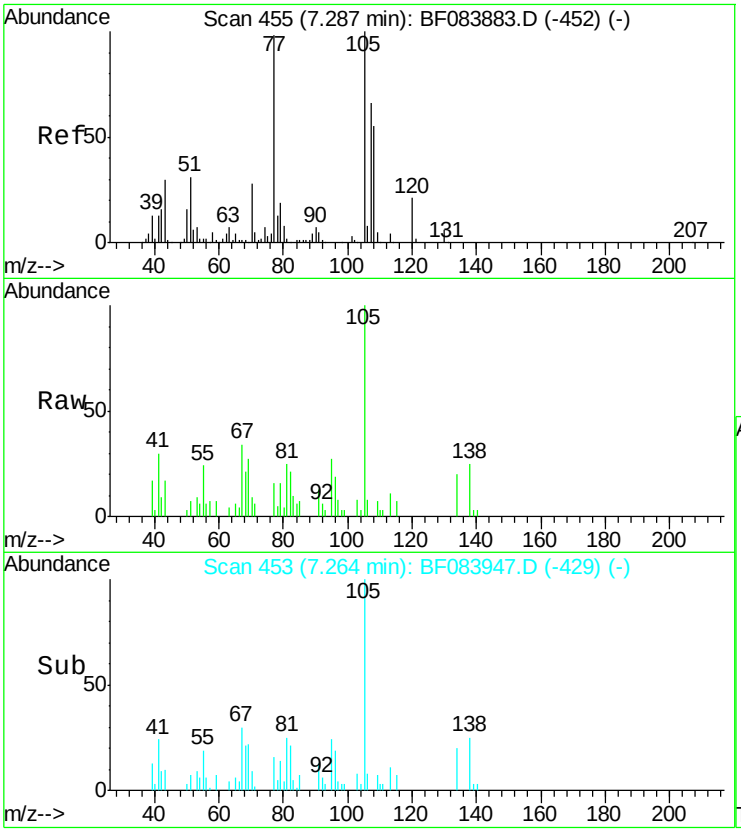


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion:136 Resp: 198947

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	5.2	5.8	8.8#
68	4.3	4.2	6.2



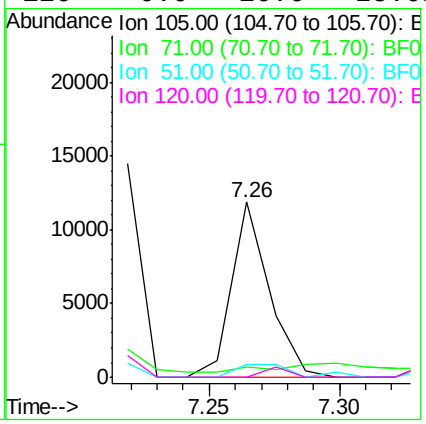


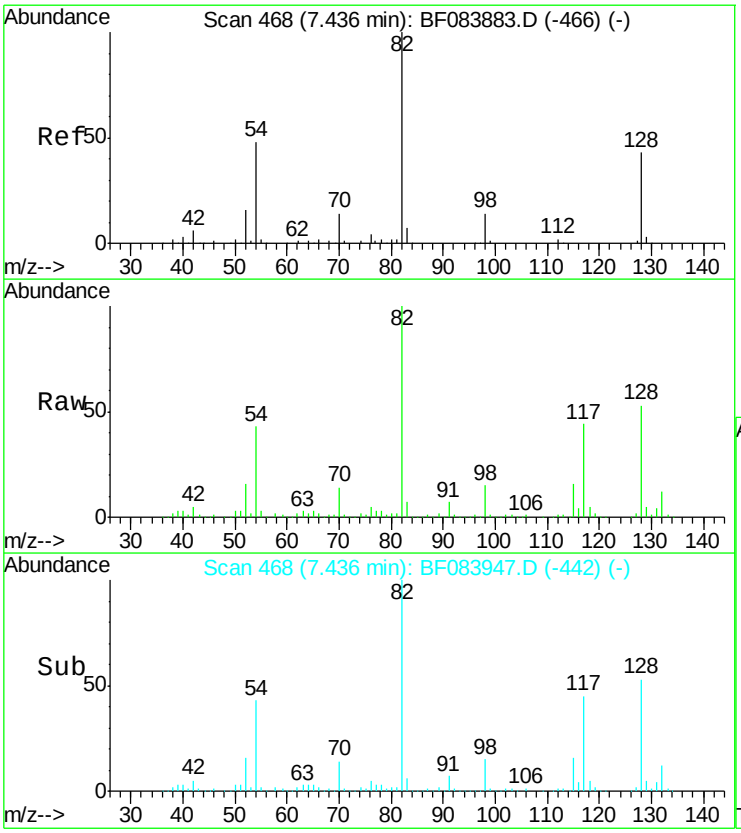
#22
Acetophenone
Concen: 2.51 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion:105 Resp: 12036

Ion	Ratio	Lower	Upper
105	100		
71	5.6	3.7	5.5#
51	7.4	25.1	37.7#
120	0.0	16.6	25.0#

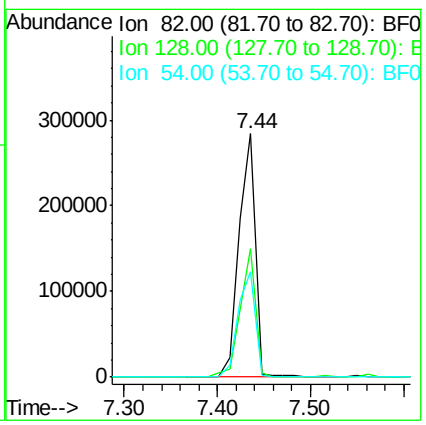


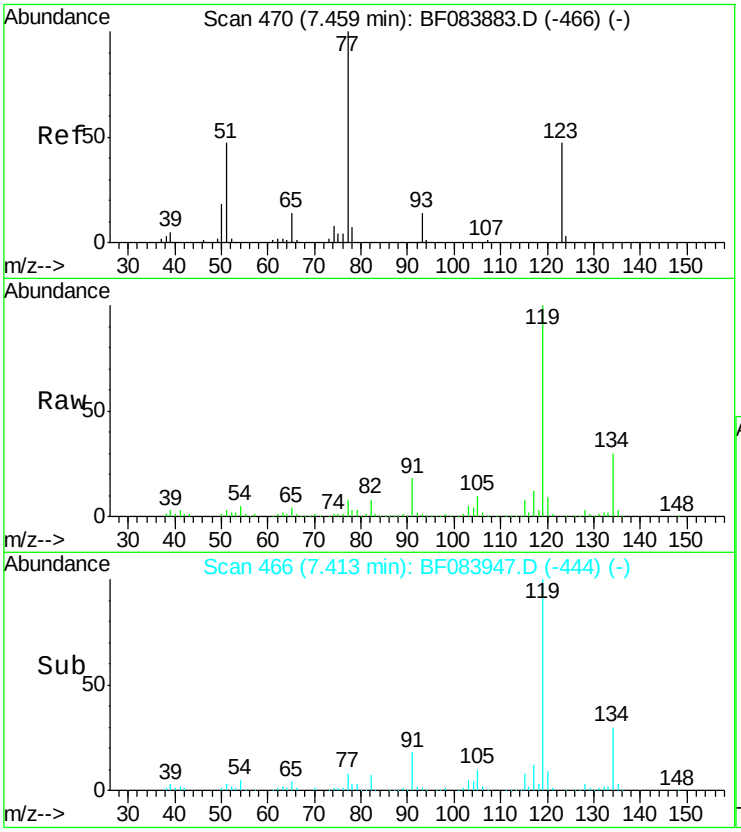


#23
Nitrobenzene-d5
Concen: 99.94 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.00 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion: 82 Resp: 348393

Ion	Ratio	Lower	Upper
82	100		
128	52.9	34.6	51.8#
54	43.3	38.4	57.6



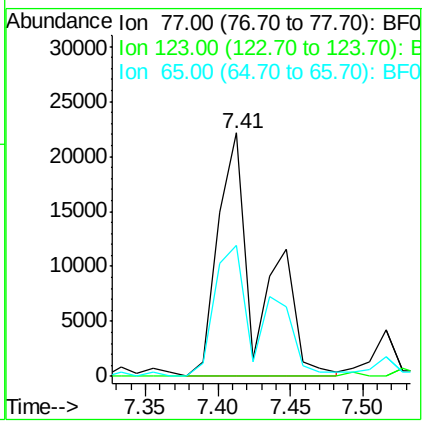


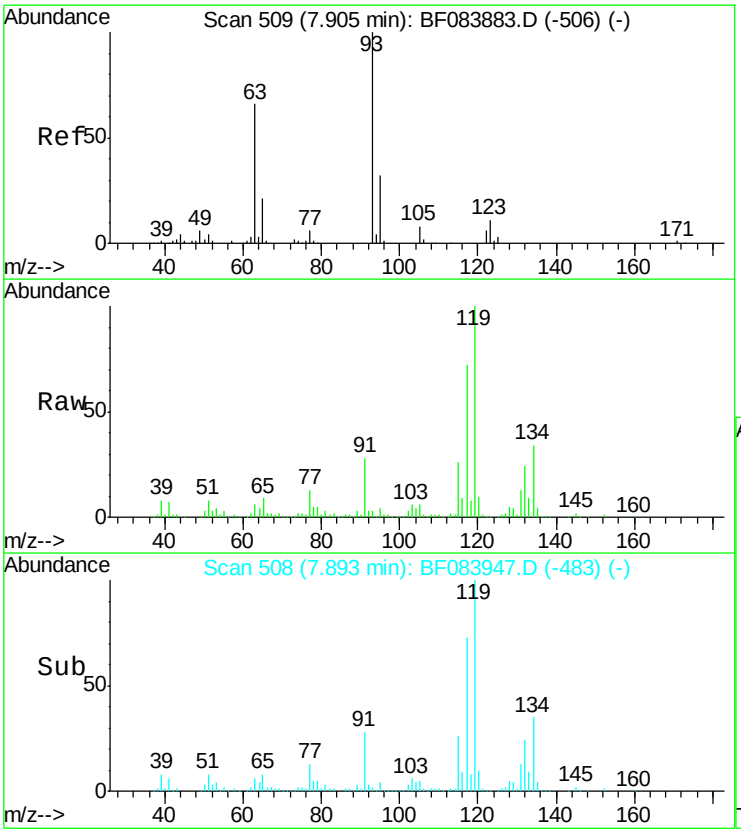
#24
Nitrobenzene
Concen: 12.04 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.05 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion: 77 Resp: 43396

Ion	Ratio	Lower	Upper
77	100		
123	0.0	37.4	56.2#
65	53.6	10.9	16.3#

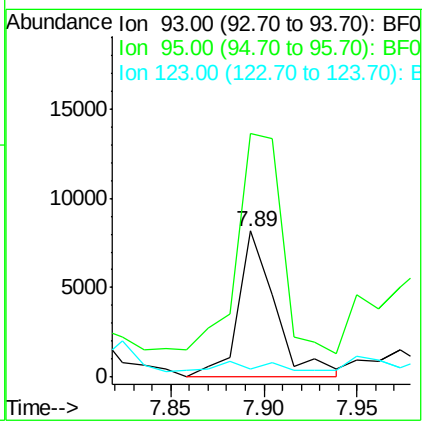


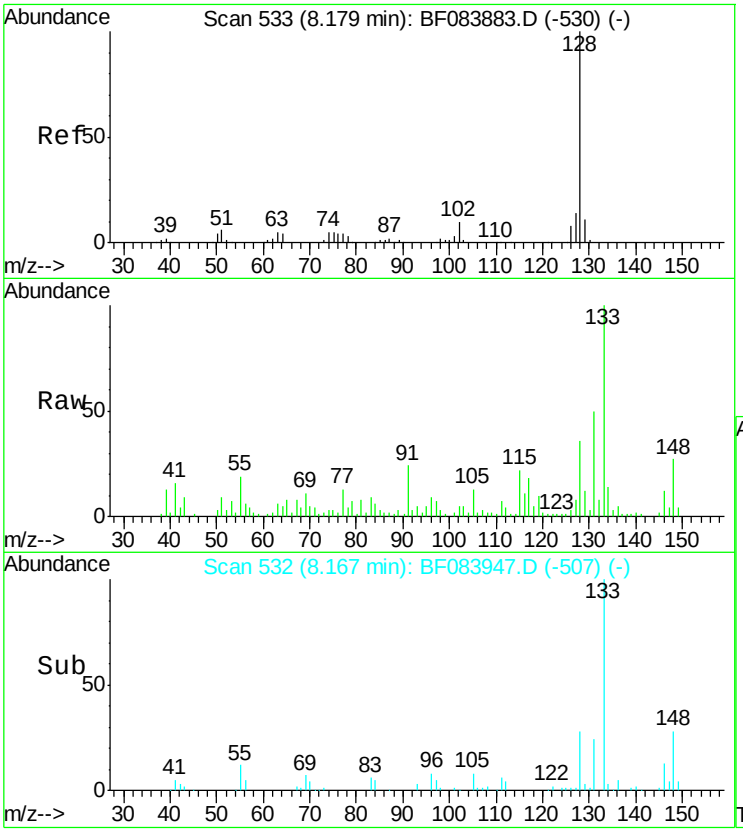


#28
bis(2-Chloroethoxy)methane
Concen: 2.93 ng
RT: 7.89 min Scan# 508
Delta R.T. -0.01 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion: 93 Resp: 11373

Ion	Ratio	Lower	Upper
93	100		
95	167.0	25.8	38.6#
123	5.1	8.6	12.8#



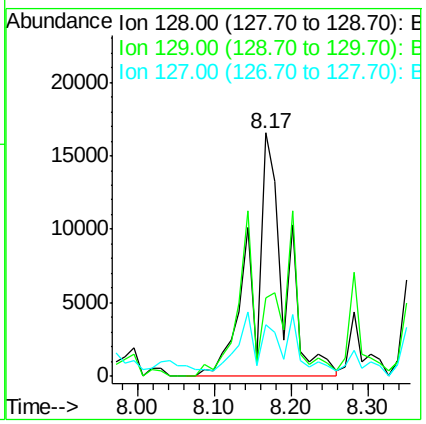


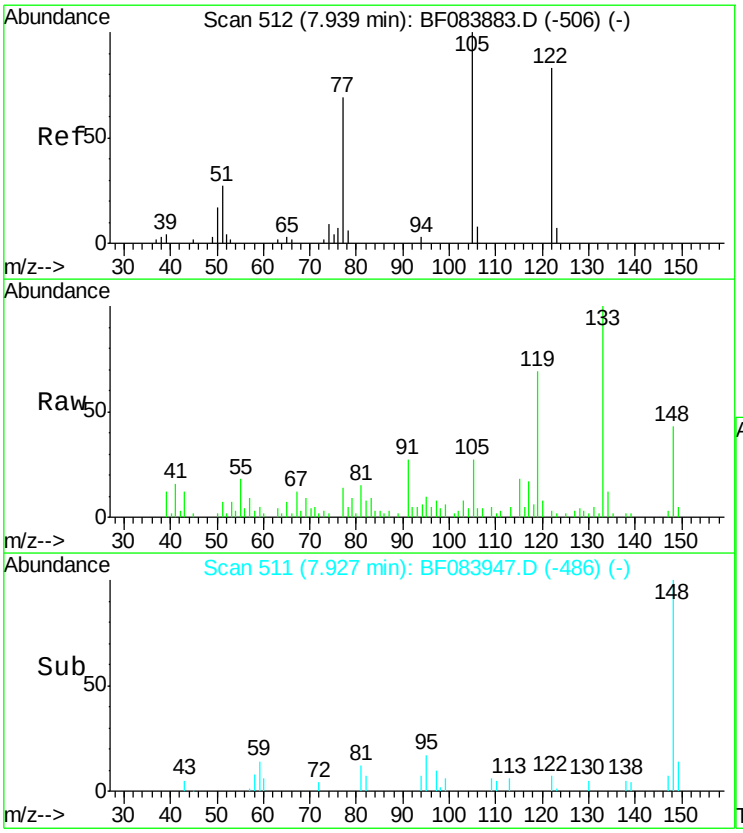
#31
Naphthalene
Concen: 2.64 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion:128 Resp: 47201

Ion	Ratio	Lower	Upper
128	100		
129	32.1	9.1	13.7#
127	21.1	11.1	16.7#

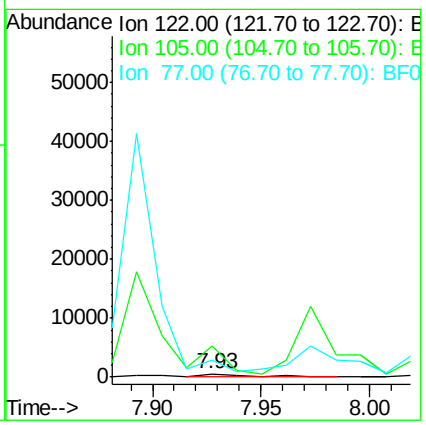


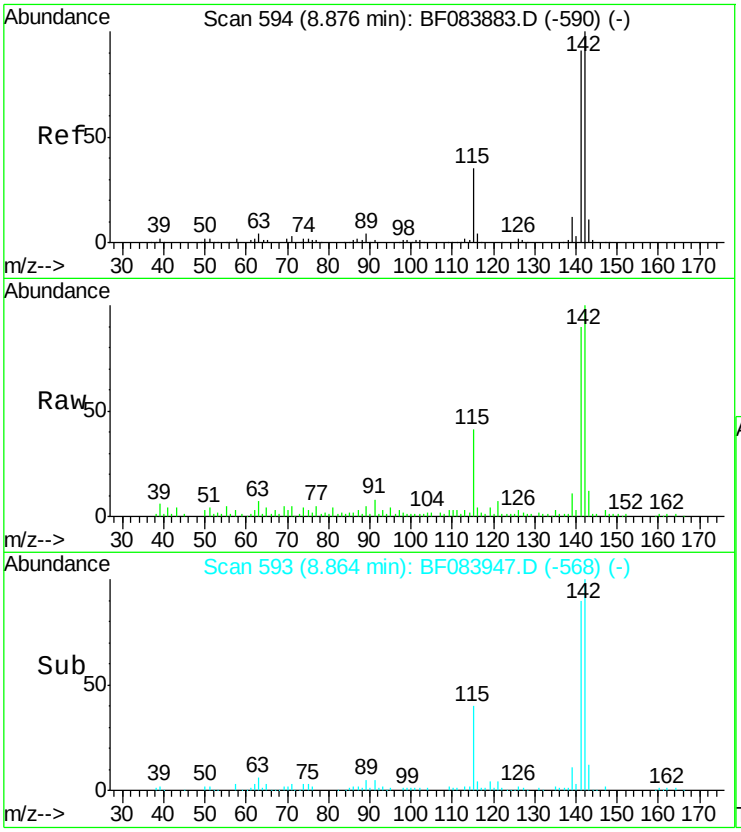


#32
Benzoic acid
Concen: 2.38 ng
RT: 7.93 min Scan# 511
Delta R.T. -0.01 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion:122 Resp: 841

Ion	Ratio	Lower	Upper
122	100		
105	1015.6	100.3	140.3#
77	546.7	63.5	103.5#



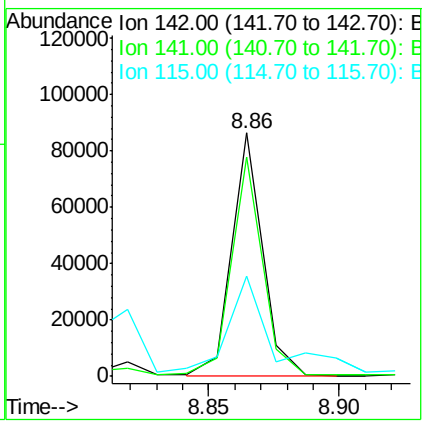


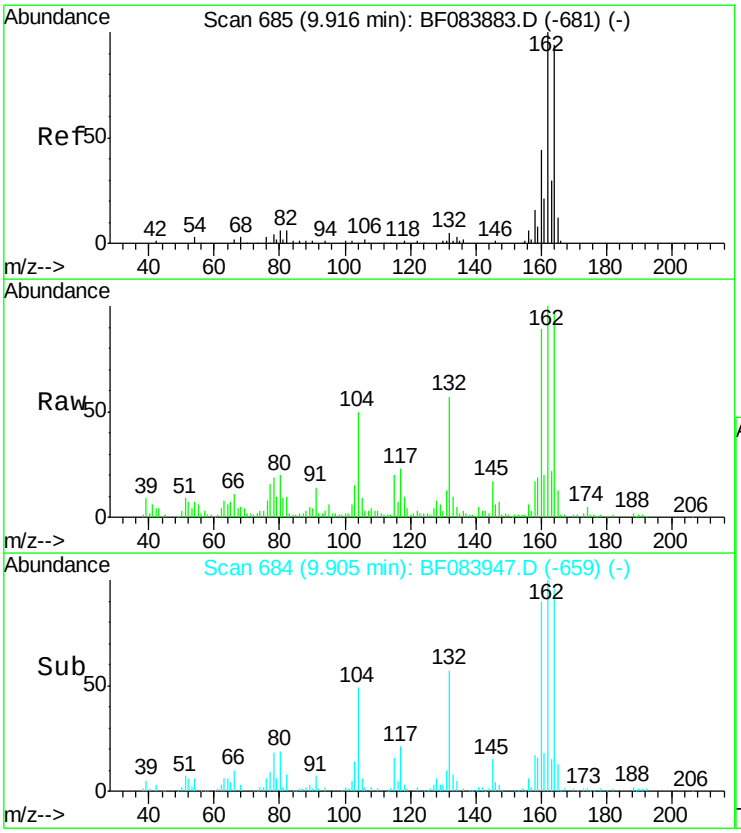
#37
2-Methylnaphthalene
Concen: 10.43 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion:142 Resp: 72097

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.4	108.6
115	41.3	27.9	41.9

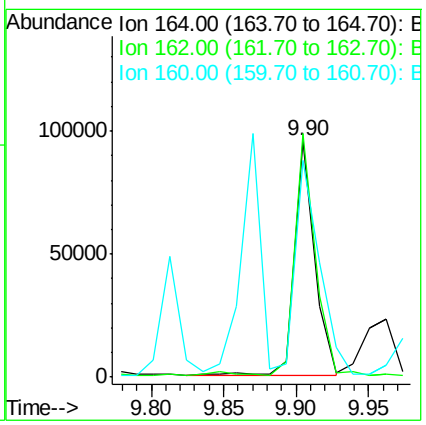


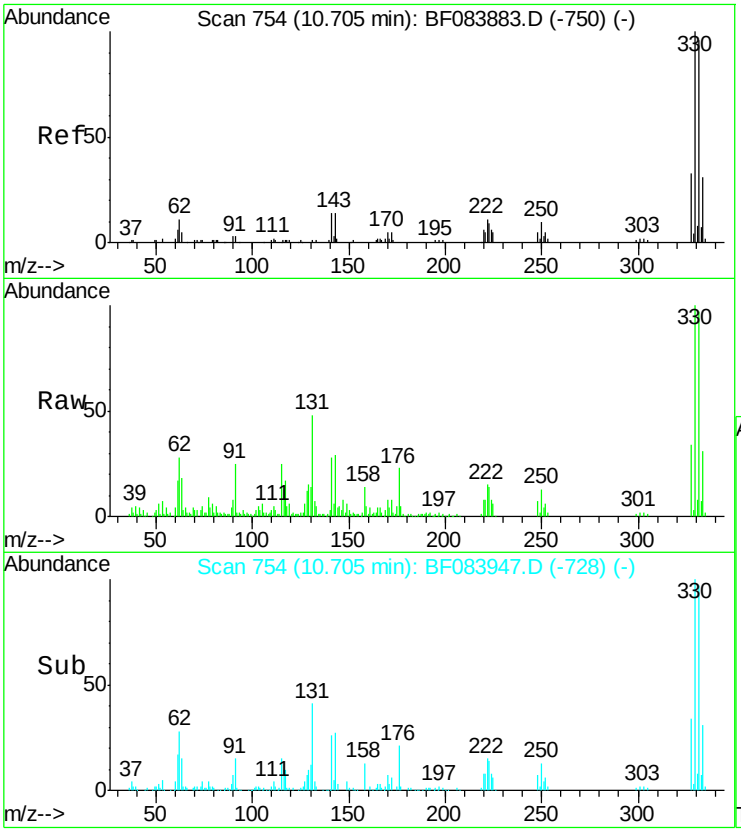


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion:164 Resp: 91065

Ion	Ratio	Lower	Upper
164	100		
162	102.8	85.1	127.7
160	91.9	37.5	56.3#



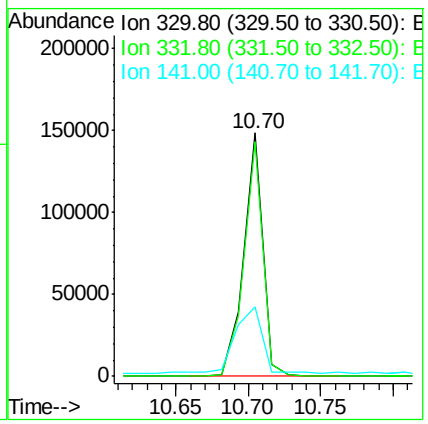


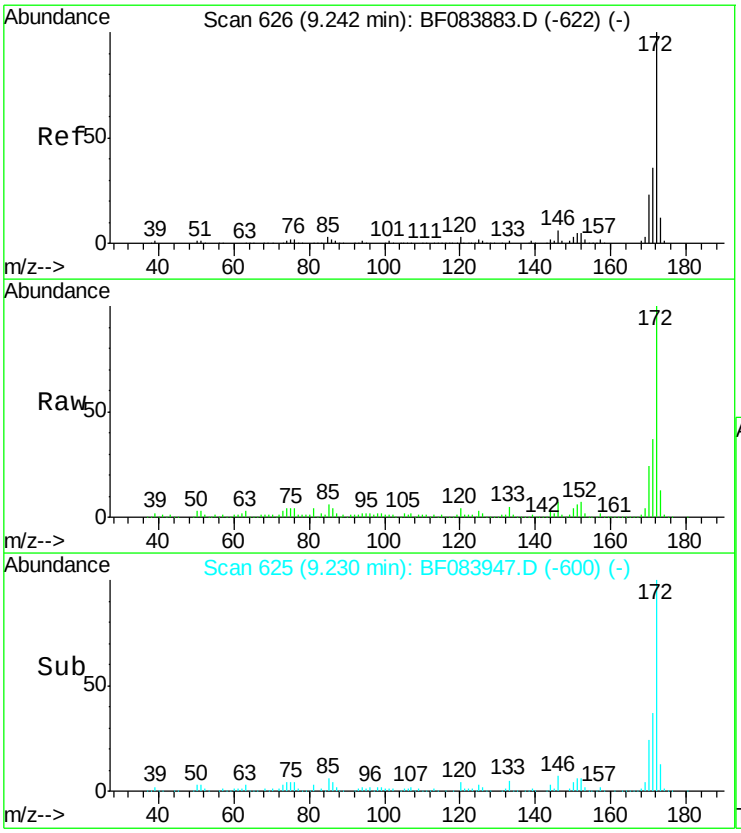
#41
2,4,6-Tribromophenol
Concen: 135.31 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.00 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion:330 Resp: 135751

Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	114.8
141	41.2	27.8	41.6

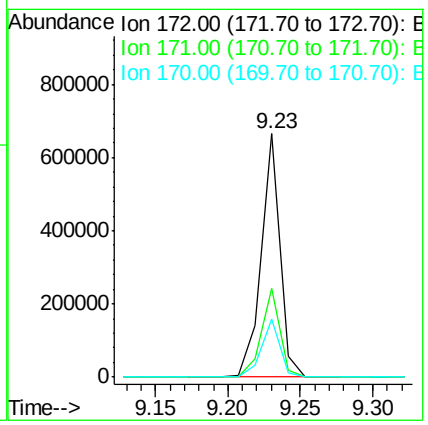


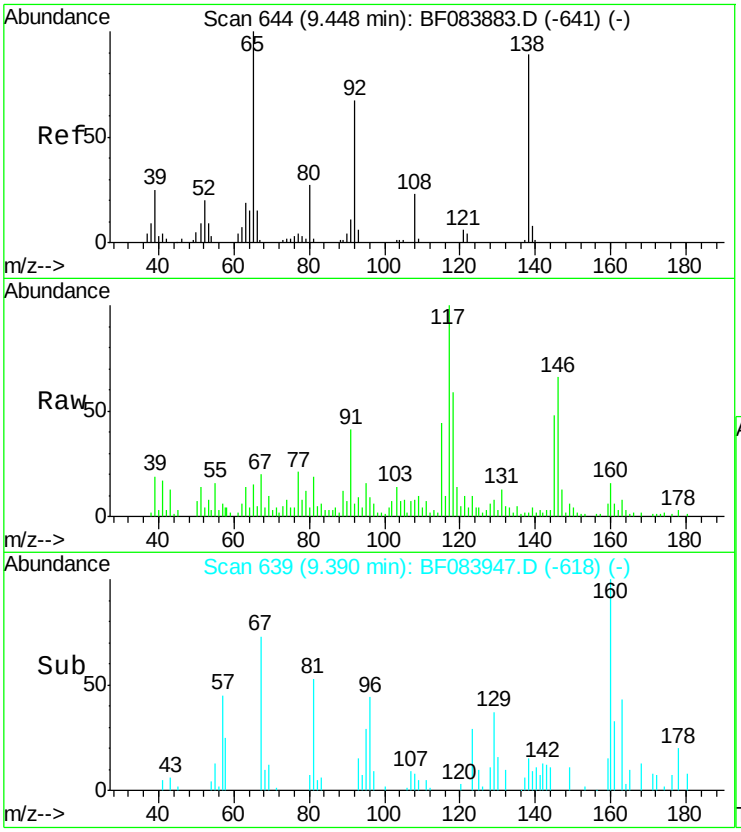


#44
2-Fluorobiphenyl
Concen: 93.34 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion:172 Resp: 596020

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	24.0	18.6	27.8



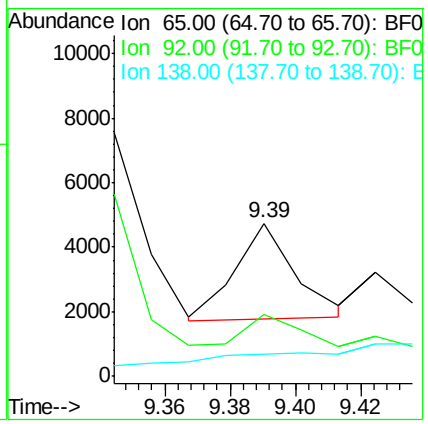


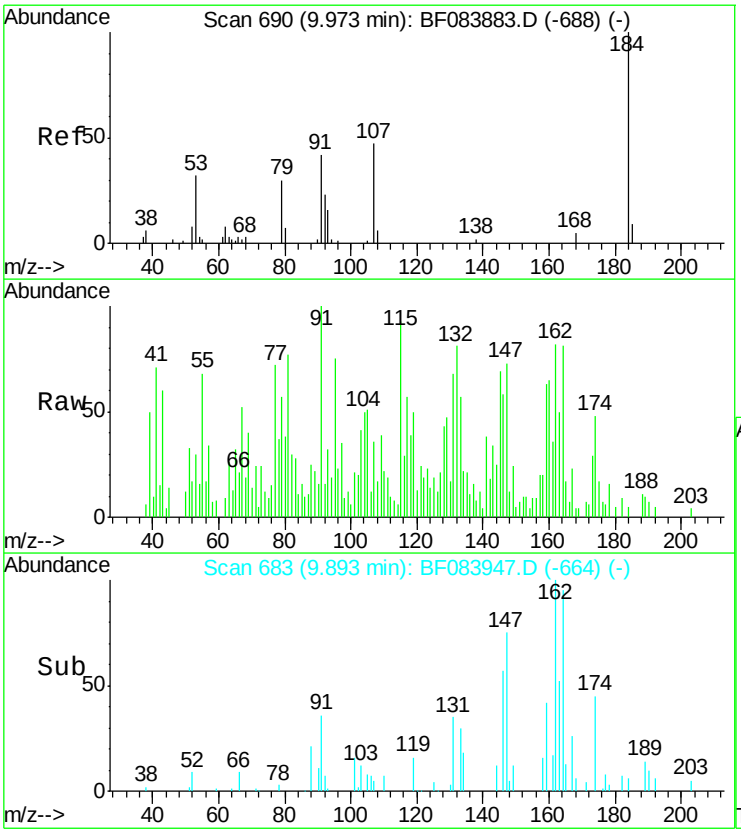
#47
2-Nitroaniline
Concen: 2.10 ng
RT: 9.39 min Scan# 639
Delta R.T. -0.06 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion: 65 Resp: 3776

Ion	Ratio	Lower	Upper
65	100		
92	40.6	53.4	80.2#
138	14.1	71.1	106.7#

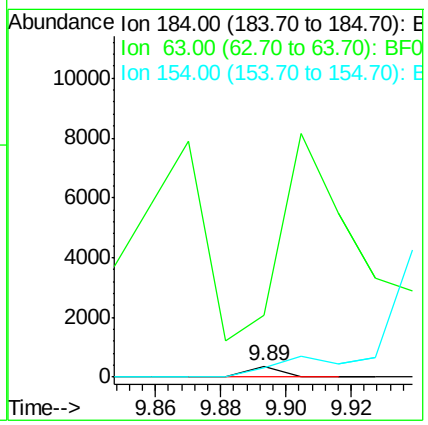


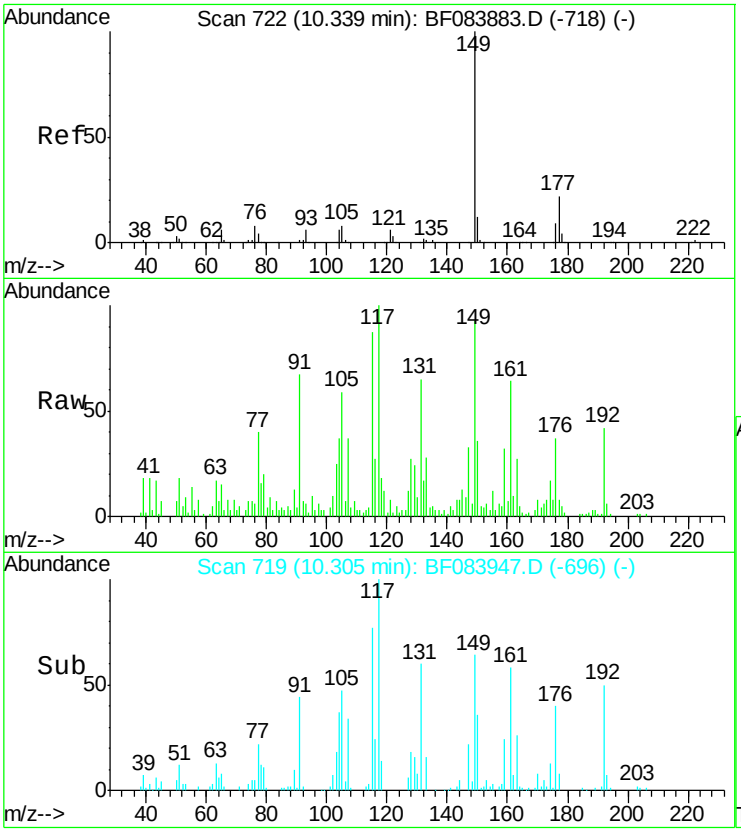


#53
2,4-Dinitrophenol
Concen: 10.65 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.08 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion:184 Resp: 247

Ion	Ratio	Lower	Upper
184	100		
63	579.7	43.1	64.7#
154	88.6	60.5	90.7



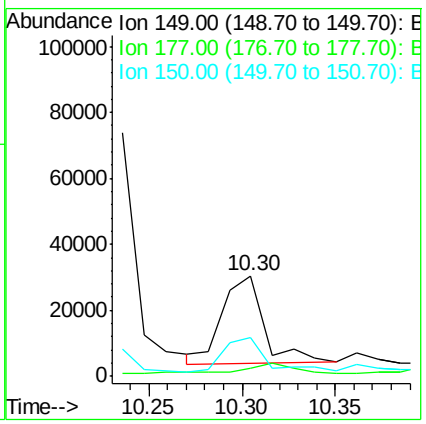


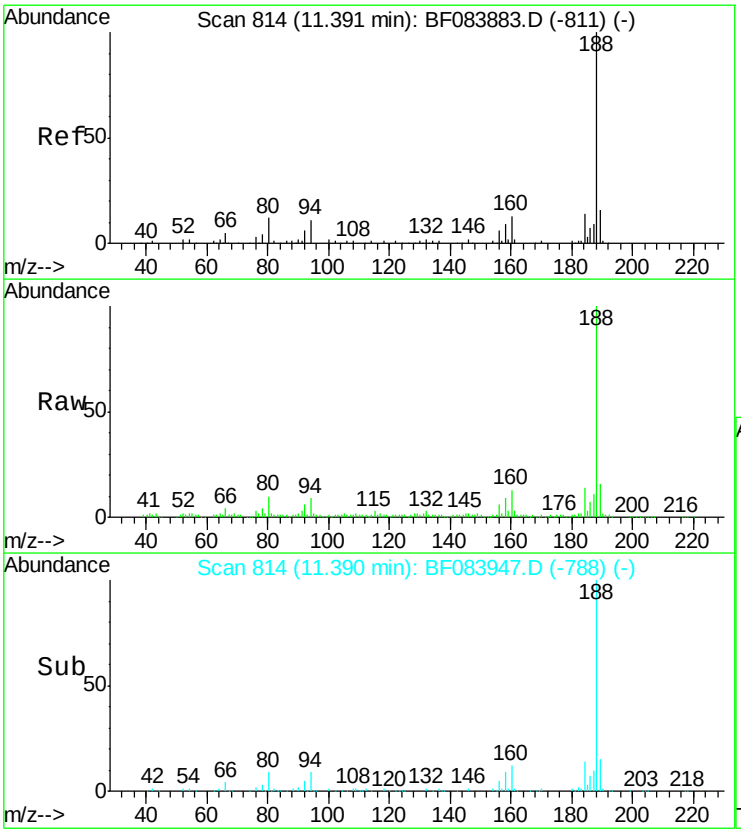
#59
Diethylphthalate
Concen: 5.19 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.03 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion:149 Resp: 41036

Ion	Ratio	Lower	Upper
149	100		
177	8.7	17.3	25.9#
150	38.9	9.8	14.8#

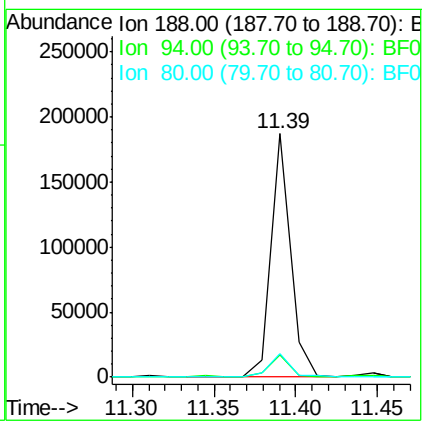


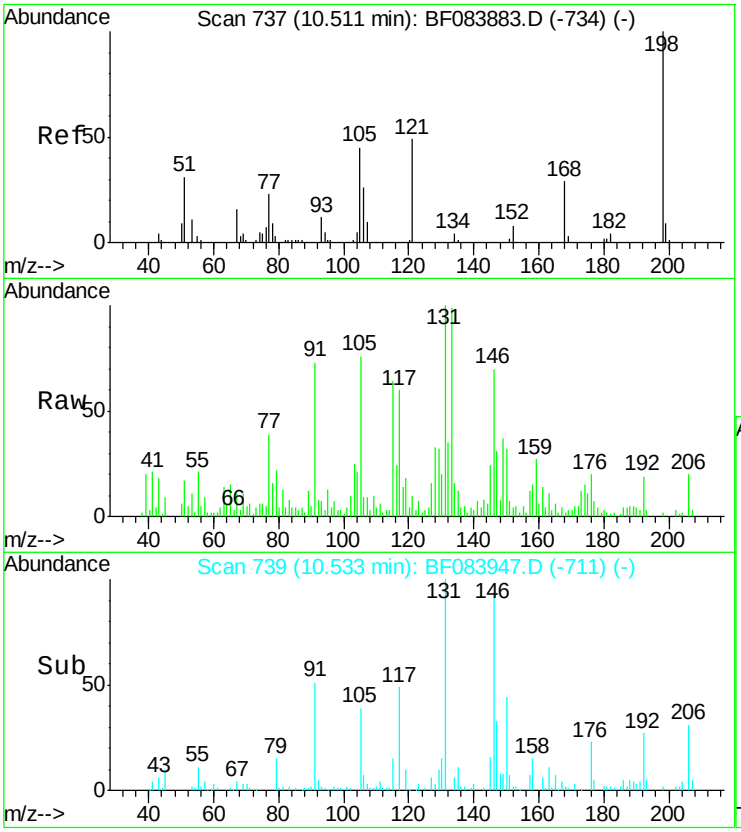


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.00 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion:188 Resp: 156133

Ion	Ratio	Lower	Upper
188	100		
94	9.1	9.0	13.4
80	9.7	9.6	14.4



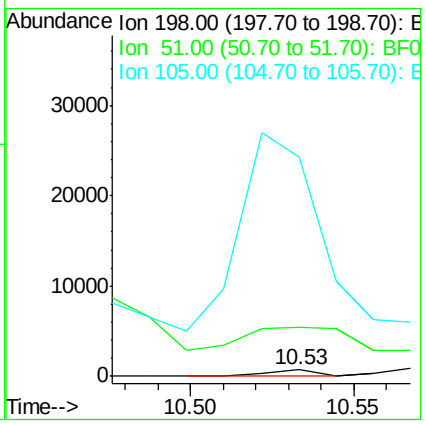


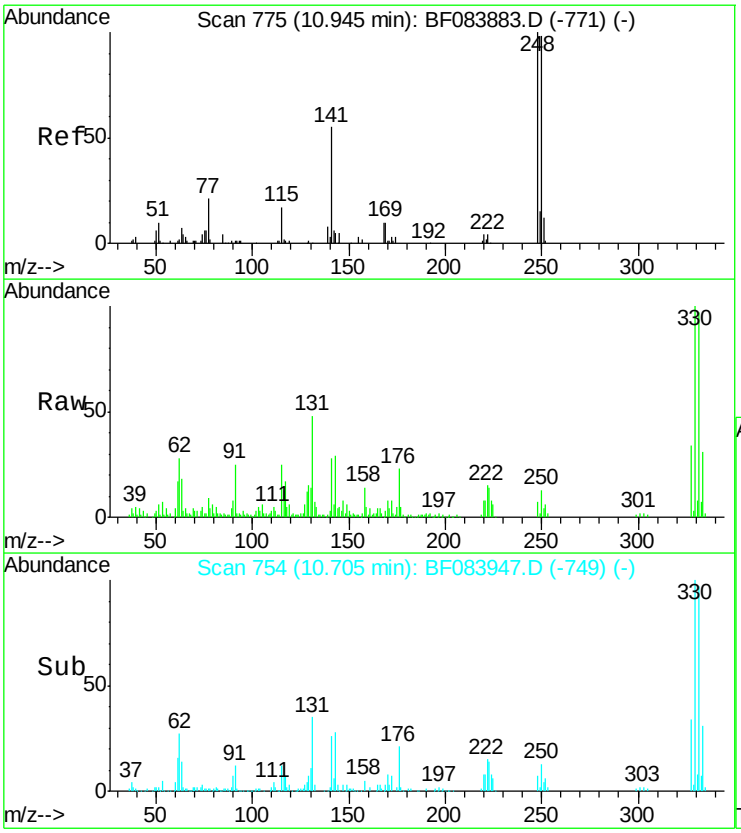
#64
4,6-Dinitro-2-methylphenol
Concen: 4.63 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.02 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion:198 Resp: 736

Ion	Ratio	Lower	Upper
198	100		
51	746.8	18.9	58.9#
105	3329.1	26.4	66.4#

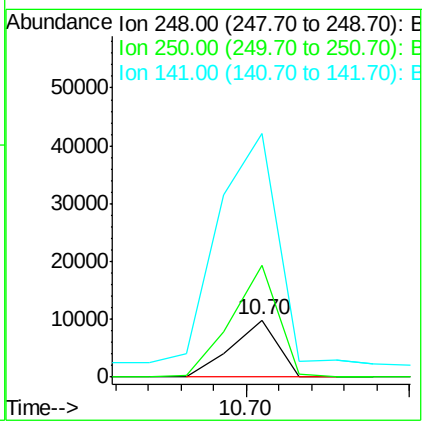


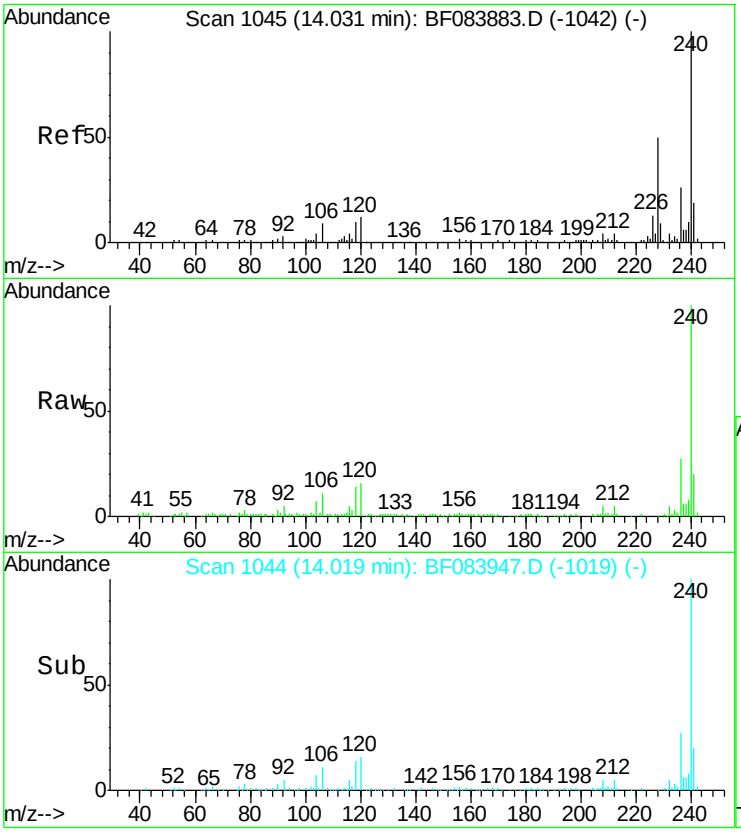


#66
4-Bromophenyl-phenylether
Concen: 4.98 ng
RT: 10.70 min Scan# 754
Delta R.T. -0.24 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion:248 Resp: 9512

Ion	Ratio	Lower	Upper
248	100		
250	195.8	78.4	117.6#
141	425.2	44.0	66.0#



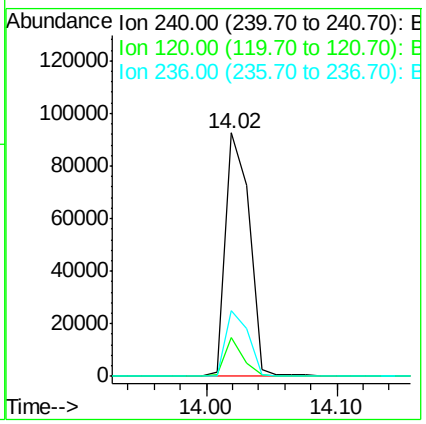


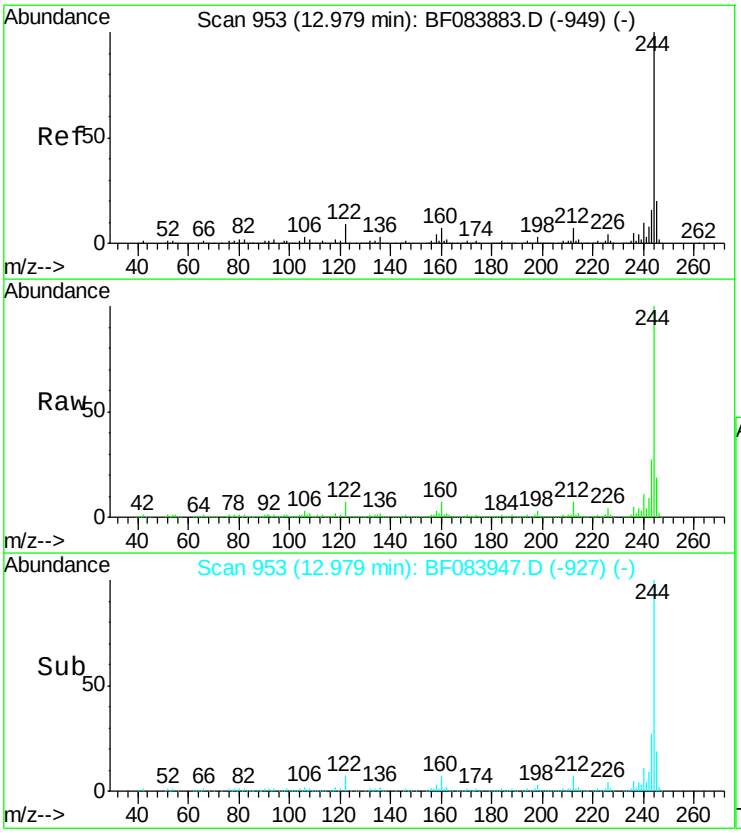
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion:240 Resp: 117298

Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	27.0	20.6	31.0

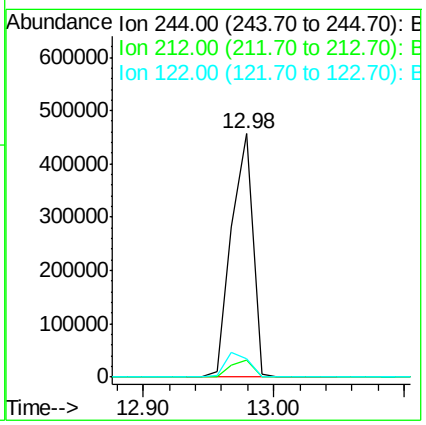


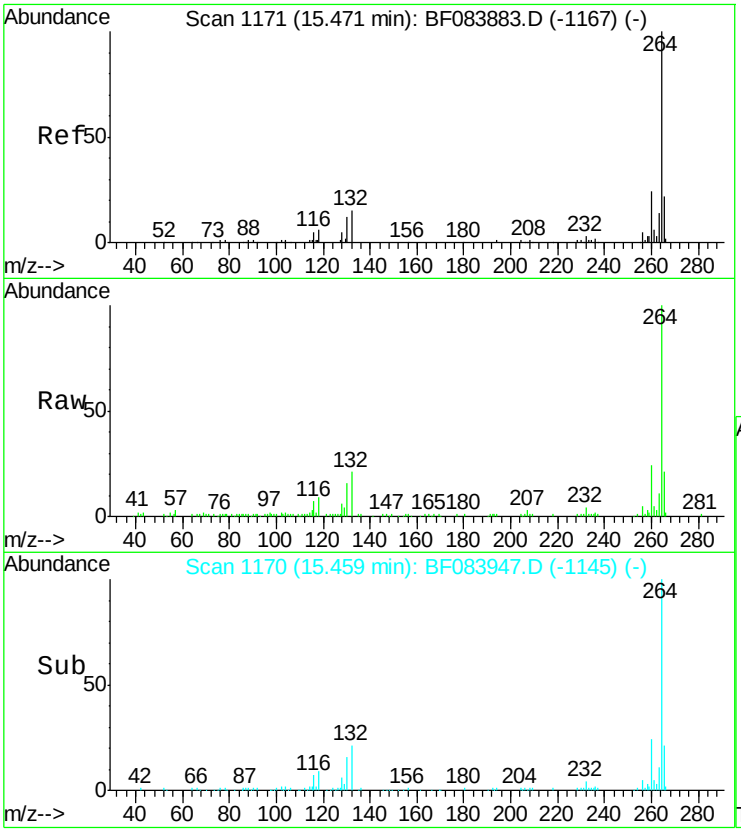


#78
Terphenyl-d14
Concen: 104.59 ng
RT: 12.98 min Scan# 953
Delta R.T. 0.00 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Tgt Ion:244 Resp: 517468

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.7	8.5
122	7.5	7.4	11.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF083947.D
Acq: 19 Dec 2015 7:30

Instrument :
BNA_F
ClientSampleId :
W-10

Tgt Ion:264 Resp: 105517

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	21.4	17.8	26.6